Concord

ARCHITECTURAL AND SPECIFICATION LIGHTING CATALOGUE

Distributed by PIERLITE

Eldon House, U.K.

Product Highlights

Feilo Sylvania Group brands, Concord and Sylvania have been innovating in lighting for nearly a century. It is our aim continue this for another century and beyond.
Here are the latest additions to our 2018 specification range which embrace the quality and technology we design and manufacture into our products.

Beacon Muse Tune

Beacon Muse Tune combines colour tuning from 2100k to 4300k with beam angle control from 8 deg to 55 deg offering unique flexibility in creating the desired effects

Location: Spotlights

Tide

Tide is a linear track mounted or recessed luminaire for wall washing using asymmetric lens or floor lighting with symmetric beam - the perfect spotlight partner

Location: Spotlights

Curvelyte

Curvelyte is a slimline stylish pendant luminaire designed to achieve direct / indirect lighting from a discreet luminaire perfect for meeting rooms and circulation areas

Location: Surface & Suspended

Kometa LED

Kometa LED provides a vital design tool by combining ambient lighting with downlighting in a simple stylish luminaire with efficiency up to 99lm/w

Location: Downlights

Colossal

Colossal is designed to compliment any interior surface mounted or as a pendant and is beautiful to look with an output of 3,800 lumens and 120lm/w efficacy

Location: Ambient Decorative

New Upgraded Efficient Performance

- Officelyte Concave up to 148lm/w
- Mini Continuum II up to 126lm/w
- Beacon Muse II up to 20% power saving
- Beacon / Beacon Accent up to 20% power saving
- Myriad / Myriad Deco up to 117lm/w
- Glace II up to 99lm/w

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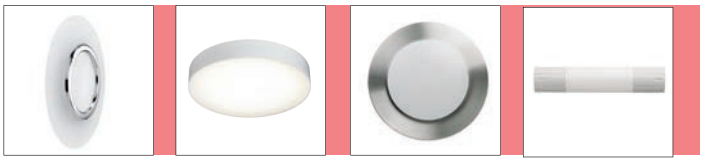

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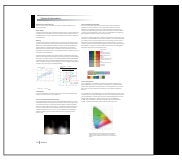

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Leeds Art Gallery, U.K.

Awards

We are recognised as industry leaders

reddot award 2016
winner lighting design

2013

Concord Glace **Winner** – Lighting Design Awards

Concord Beacon Projector **Finalist** – Lighting Design Awards

Sylvania PanelLED **Finalist** – The Electrical industry awards

2014

Concord Officelyte LED incorporating SylSmart Control **Winner** – Lighting Design Awards

Manufacturer of the Year **Finalist** – Lighting Design Awards

2015

Concord Officelyte LED incorporating SylSmart Control **Winner** – Energy Managers Awards

2016

SylSmart Control - **Commended** – LUX Middle East Awards

Sylcone Retro **Winner** – RedDot Awards

Lumiance Insaver II - **Shortlisted** – Lux Awards

SylSmart Control **Finalist** – Energy Awards

2017

Smart Lighting **Shortlisted** – Lighting Design Awards

Concord is Made in the U.K. in our Newhaven factory

Made In Europe

Feilo Sylvania is proud of its strong manufacturing heritage in Europe. For over 100 years, group brands: Concord and Sylvania have manufactured lamps and luminaires in Germany, France and the UK. These centres of excellence are our foundation, ensuring innovative design, development and production are aligned with the ever changing requirements of this dynamic marketplace

- **Newhaven (UK):** Concord and Sylvania
- **Saint-Etienne (France)**: Sylvania luminaires
- **Erlangen (Germany):** Sylvania Lamps and Luminaires

Certifications

All our Feilo Sylvania factories have received ISO 9001 certification from authorized certification bodies.

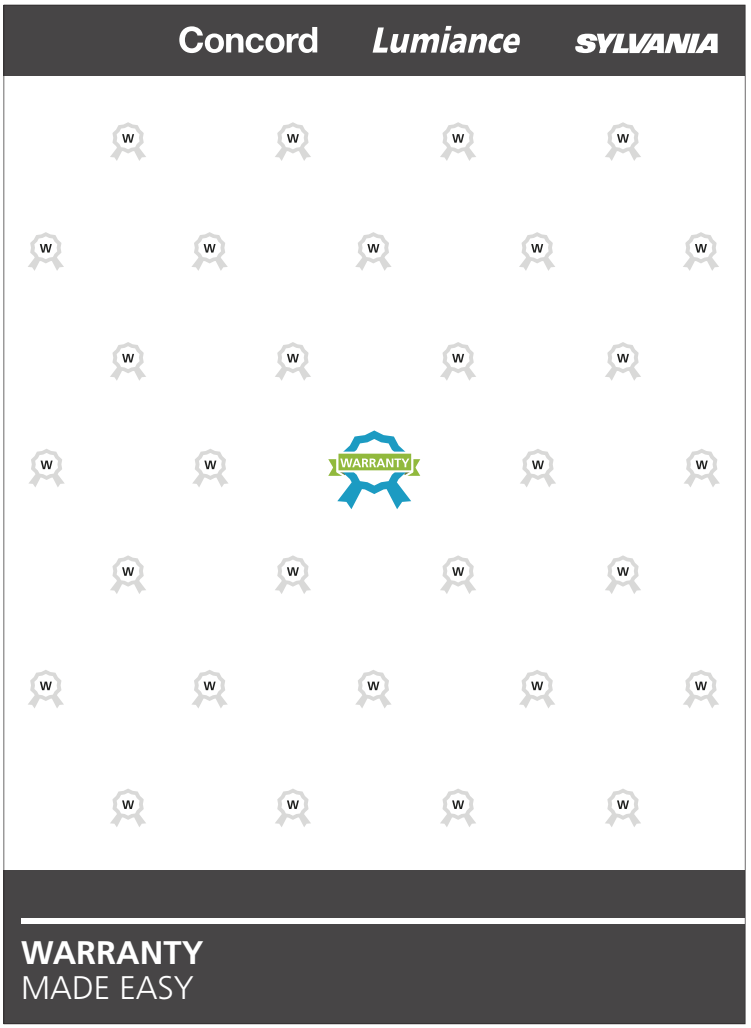
Warranty

At Feilo Sylvania, we pride ourselves on the quality of our products. An LED product warranty of upto 5 years is available linked to LED rated life and subject to conditions. e.g 50,000hrs = 5 years, 30,000hrs = 3 years. Please follow the link to our website for more information http://www.feilosylvania.com/en-gb/warranty/warranties

UP TO 5 YEARS WARRANTY

LED LUMINAIRES: 1 YEAR OF WARRANTY PER 10,000 HOURS PREDICTED LIFETIME (UP TO 5 YEARS WARRANTY):

- No need to register, your invoice / proof of purchase is all you need
- No cap on maximum LED burning hours per year
- Traditional light source luminaires: 2 years of warranty



Exploring the catalogue

All pages follow a similar format, making it easier for you to identify the information you require quickly. Generally, the page format will include the information detailed below:

1 **Chapter colour code**

2 **Brand**
Concord, Lumiance or Sylvania

3 **Product name**

4 **Product image**

5 **Product features**

6 **Light source included**
Will inform if the light source is included on all the range, on selected items or not included

7 **Product icons / symbols**
Please refer to Icons & symbols guide at the back of the catalogue for more information

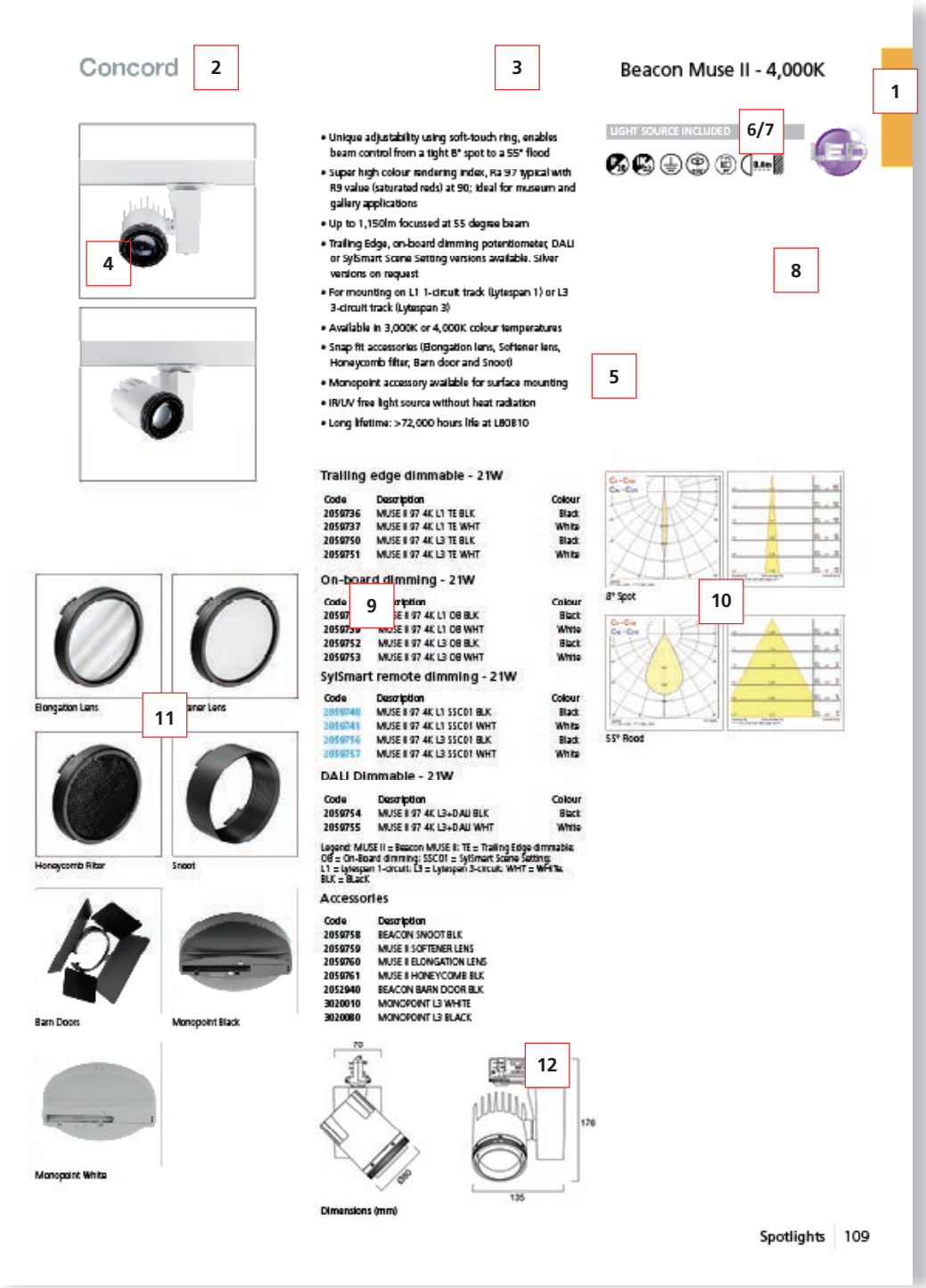
8 **Lamp information**
Including wattages, lamp base and lumens output (if applicable)

9 **Ordering guide**

10 **Photometric data and related information**

11 **Accessories or further product information**

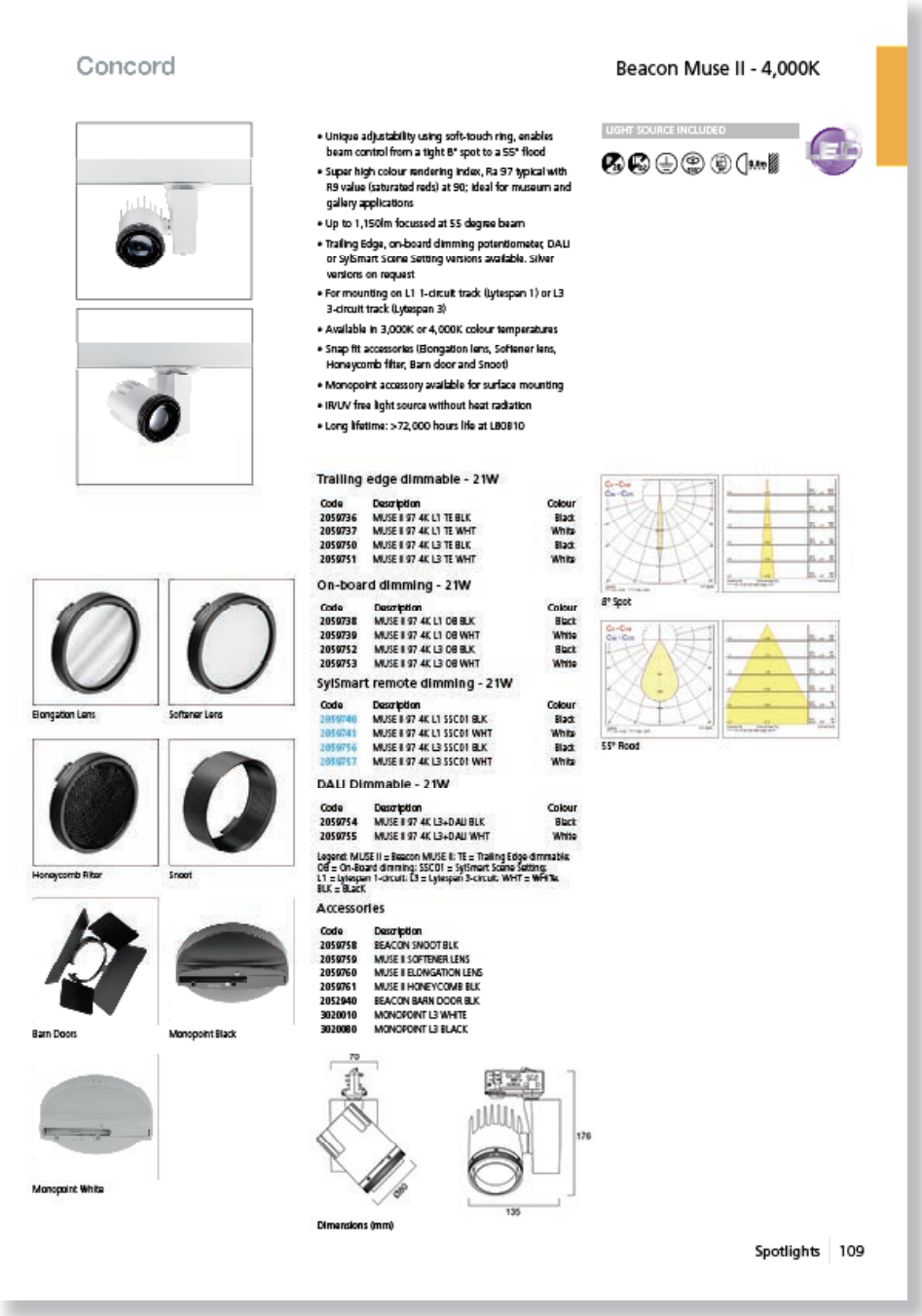
12 **Line drawings (mm)**



Guidance for raising a product specification

In order to create a succinct specification for each product, please use the following list to select from. The relevant information can be found on either the product introduction pages at the beginning of each section or on individual product pages.

1 **Product reference code:**
2 **Lamp type and quantity:**
3 **Gear type:**
4 **IP rating:**
5 **IK rating:**
6 **Test marks/approvals:**
7 **Beam angle/Cut off angle/surface brightness:**
8 **Adjustment - Tilt/Rotation:**
9 **LOR/DLOR/ULOR: (LED = 100%)**
10 **Cutout and recess depth:**
11 **Product dimensions:**
12 **Material specification/body/diffuser/reflector:**



Concord

Beacon Muse II - 4,000K

- Unique adjustability using soft-touch ring, enables beam control from a tight 8° spot to a 55° flood
- Super high colour rendering index, Ra 97 typical with R9 value (saturated reds) at 90; ideal for museum and gallery applications
- Up to 1,150lm focussed at 55 degree beam
- Trailing Edge, on-board dimming potentiometer, DALI or SylSmart Scene Setting versions available. Silver versions on request
- For mounting on L1 1-circuit track (Lytespan 1) or L3 3-circuit track (Lytespan 3)
- Available in 3,000K or 4,000K colour temperatures
- Snap fit accessories (Elongation lens, Softener lens, Honeycomb filter, Barn door and Snoot)
- Monopoint accessory available for surface mounting
- IR/UV free light source without heat radiation
- Long lifetime: >72,000 hours life at L80B10

LIGHT SOURCE INCLUDED

Trailing edge dimmable - 21W

Code	Description	Colour
2059736	MUSE II 97 4K L1 TE BLK	Black
2059737	MUSE II 97 4K L1 TE WHT	White
2059750	MUSE II 97 4K L3 TE BLK	Black
2059751	MUSE II 97 4K L3 TE WHT	White

On-board dimming - 21W

Code	Description	Colour
2059738	MUSE II 97 4K L1 OB BLK	Black
2059739	MUSE II 97 4K L1 OB WHT	White
2059752	MUSE II 97 4K L3 OB BLK	Black
2059753	MUSE II 97 4K L3 OB WHT	White

SylSmart remote dimming - 21W

Code	Description	Colour
2059740	MUSE II 97 4K L1 SSC01 BLK	Black
2059741	MUSE II 97 4K L1 SSC01 WHT	White
2059756	MUSE II 97 4K L3 SSC01 BLK	Black
2059757	MUSE II 97 4K L3 SSC01 WHT	White

DALI Dimmable - 21W

Code	Description	Colour
2059754	MUSE II 97 4K L3+DALI BLK	Black
2059755	MUSE II 97 4K L3+DALI WHT	White

Legend: MUSE II = Beacon MUSE II; TE = Trailing Edge dimmable; OB = On-Board dimming; SSC01 = SylSmart Scene Setting; L1 = Lytespan 1-circuit; L3 = Lytespan 3-circuit; WHT = White; BLK = Black

Accessories

Code	Description
2059758	BEACON SNOOT BLK
2059759	MUSE II SOFTENER LENS
2059760	MUSE II ELONGATION LENS
2059761	MUSE II HONEYCOMB BLK
2052940	BEACON BARN DOOR BLK
3020010	MONOPOINT L3 WHITE
3020080	MONOPOINT L3 BLACK

8° Spot

55° Flood

Elongation Lens
Softener Lens
Honeycomb Filter
Snoot
Barn Doors
Monopoint Black
Monopoint White

Dimensions (mm)

Spotlights 109

An example of an ideal specification is shown below

To specify, select in order from the following list:

1	**Product reference code**	2059736
2	**Lamp type and quantity**	1 x 21W LED
3	**Gear type**	Remote
4	**IP rating**	IP20
5	**IK rating**	-
6	**Test marks/approvals**	-
7	**Beam angle/Cut off angle/surface brightness**	Beam angle 8-55°
8	**Adjustment - Tilt/Rotation**	0-90° tilt & 355° rotation
9	**LOR/DLOR/ULOR**	DLOR 1.00
10	**Cutout and recess depth**	-
11	**Product dimensions**	176mm x 135mm
	Reflector aperture	60mm
12	**Connections/Mounting**	Single/three circuit, SylSmart DALI
13	**Material specification/ body/diffuser/reflector**	Reflector super pure specular Housing die cast aluminium powder coated textured black RAL 9005

Concord

12 Officelyte Classic

Officelyte Classic - LED

- High Efficiency and High Output versions for LED
- Designed to provide light onto horizontal ceiling surfaces, to assist with LG7 compliance
- Low Glare UGR <19
- Unique patented design incorporating satin prismatic wings and a Conical De-glaring Prism (CDP) centre panel
- Enclosed design reduces dust ingress and improves Luminaire Maintenance Factor (LMF)
- Slot-in wing design allows for quick and simple installation, maintenance and cleaning
- 3,000K versions available upon request
- Custom product solutions to suit different ceiling grid systems - available on request

LIGHT SOURCE INCLUDED

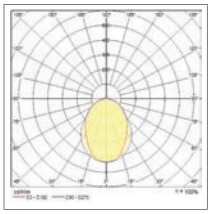
IP40 850°C

Officelyte Classic LED 600 x 600mm module - High efficiency

Code	Description	Lumen Output (lm)	Type
2058050	Officelyte Classic LED HE 4,000K	2,824	Standard
2058051	Officelyte Classic LED HE 4,000K EM	2,824	Emergency
2058052	Officelyte Classic LED HE 4,000K DALI	2,824	DALI
2058053	Officelyte Classic LED HE 4,000K DALI EM	2,824	DALI emergency
2058054	Officelyte Classic LED HE 4,000K DALI EMPRO	2,824	DALI emergency pro

Officelyte Classic LED 600x600mm module - High output

Code	Description	Lumen output (lm)	Type
2058060	Officelyte Classic LED HO 4,000K	3,750	Standard
2058061	Officelyte Classic LED HO 4,000K EM	3,750	Emergency
2058062	Officelyte Classic LED HO 4,000K DALI	3,750	DALI
2058063	Officelyte Classic LED HO 4,000K DALI EM	3,750	DALI emergency
2058064	Officelyte Classic LED HO 4,000K DALI EMPRO	3,750	DALI emergency pro



Officelyte Classic LED HO 4K

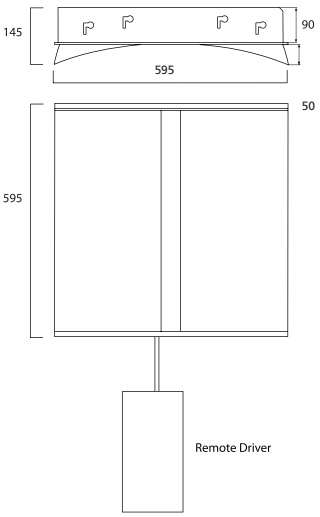
Officelyte Accessories

Code	Description
2047754	Lumafix plasterboard / pull up kit
2058049	3 pole male T connector
2058047	3 pole female connector

Officelyte LED Performance Matrix		
Fixture	HE version 4,000K	HO version 4,000K
Diffusers	Opal	Opal
Fixture Lumens	2,824	3,750
Actual Power	34W	48W
Lumens / Circuit Watt *	83 lm/W	78 lm/W

* Lumens / Circuit Watt = (Fixture Lumens) / Power

Officelyte Classic LED



Dimensions (mm)

Fenchurch Avenue, U.K.

SURFACE & SUSPENDED

Concord

16 Curvelyte

19 Mini Continuum II

28 Unity II

Longbow House, London, U.K

- Concord Curvelyte exemplifies a high level detail aesthetic which appeals to designers within the built environment seeking a minimalist design. With its curved lines for a clean, sharp and sleek architectural look Curvelyte is unique.
- Not just a pretty face, Curvelyte is also innovative featuring an LED light guide with a double row of LEDs providing both direct and indirect light distribution.

CurveLyte

- Unique curved lighting shape perfect for offices, schools and conference rooms
- Direct - Indirect (70/30) lighting for ambient illumination
- UGR 19 versions for visual comfort LG, (Low Glare)
- Uniform light for aesthetics
- Powered through suspension cable for easy installation and low visual impact
- Surface mount accessories are available in different colours and shapes to enhance ceiling appearance
- Highly efficient - up to 131 lumens / Watt
- L90B10 @ 50,000 hours., Long service life with lumen maintenance of 90% at 50,000 hours
- Low LED flicker <5%
- Color Rendering Index (Ra)>80 for office applications
- LED Color consistency between luminaries <3 SDCM
- DALI (Switch-dim) dimmable
- Silver versions available upon request

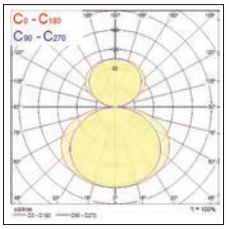
LIGHT SOURCE INCLUDED

IP20 IK06

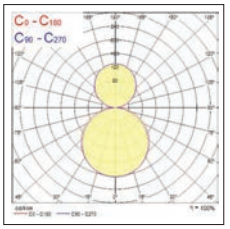
Curvelyte

Code	Description
Black	
2093175	Curvelyte 1265 HO D/I 3K DALI Black
2093176	Curvelyte 1265 HO D/I 4K DALI Black
2093186	Curvelyte 1265 HO LG D/I 3K DALI Black
2093187	Curvelyte 1265 HO LG D/I 4K DALI Black
White	
2093180	Curvelyte 1265 HO D/I 3K DALI White
2093181	Curvelyte 1265 HO D/I 4K DALI White
2093188	Curvelyte 1265 HO LG D/I 3K DALI White
2093189	Curvelyte 1265 HO LG D/I 4K DALI White

Legend: 1265 = 1265 mm; HO = High Output; LG = Low Glare (UGR=19); D/I = Direct / Indirect Lighting 70/30%; 3K = Warm White 3000K; 4K = Neutral White 4000K



Standard version



Low Glare version (LG)

Black Cylinder + Rectangular Box Surface Accessory

White Cylinder + Rectangular Box Surface Accessory

Accessories

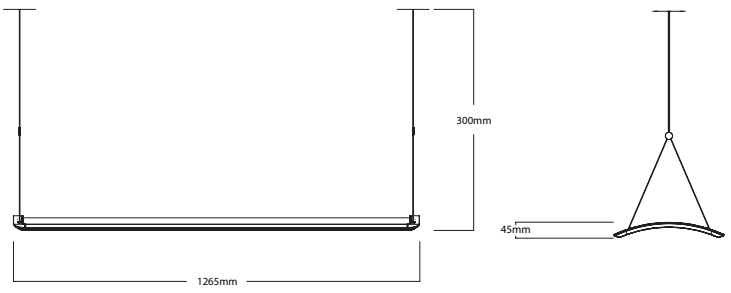
Code	Description
2093177	Surface Mount box 1 cylinder 1 rectangular Black
2093169	Surface Mount box 1 cylinder 1 rectangular White
2093168	Surface Mount box 1 cylinder 1 rectangular Silver
2093178	Surface Mount box 2 rectangular Black
2093171	Surface Mount box 2 rectangular White
2093170	Surface Mount box 2 rectangular Silver

Black 2 x Rectangular Box Surface Accessory

White 2 x Rectangular Box Surface Accessory

Curvelyte LED Performance Matrix

Description	Fixture Power (W)	Luminous Flux (lm)	Efficacy (lm/W)	UGR
Curvelyte 1265 HO D/I 3K DALI Black	55	6250	114	22
Curvelyte 1265 HO D/I 4K DALI Black	55	6750	123	22
Curvelyte 1265 HO LG D/I 3K DALI Black	55	5000	91	19
Curvelyte 1265 HO LG D/I 4K DALI Black	55	5450	99	19
Curvelyte 1265 HO D/I 3K DALI White	55	6600	120	23
Curvelyte 1265 HO D/I 4K DALI White	55	7200	131	23
Curvelyte 1265 HO LG D/I 3K DALI White	55	5300	96	19
Curvelyte 1265 HO LG D/I 4K DALI White	55	5800	105	19



Dimensions (mm)

Taylor

- Mini Continuum II introduces a uniquely clean, simple LED lighting system offering continuous, highly uniform lines of light across walls and ceilings
- This highly versatile lighting tool can be recessed, semi-recessed, surface-mounted or suspended, either vertically or horizontally
- Available as direct/indirect or direct only distribution - both of which can be interconnected
- Every batten has a plug and socket arrangement for easy and rapid electrical installation
- Mini Continuum II Direct is available in two versions: one with an outside trim detail for plasterboard ceilings; and a trimless version for when a seamless effect is required
- Dimmable DALI versions and 3hr non-maintained integral emergency options are available as standard options
- Long lifetime : 60,000 hours life at 90% of the original output (L90)

Mini Continuum II

Mazda Croydon, UK

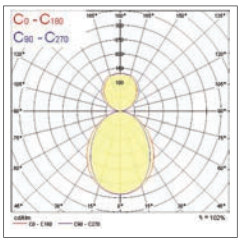
- Mini Continuum II provides a perfectly clean horizontal and vertical lines of homogenous light with no shadows
- Minimalist design based on the Golden mean or ratio; which is regarded as the secret to aesthetics
- Easy and rapid installation using the plug and socket arrangement
- End caps, suspensions and connectors accessories to be ordered seperately
- Colour rendering index, Ra80
- 65% downward light, 35% upward light
- White RAL 9016 as standard, other RAL colours available on request
- Direct / Indirect seperate switching via DALI
- DALI versions can be installed as standard on/off switchable

LIGHT SOURCE INCLUDED

IP20 960°C

Opal Diffuser

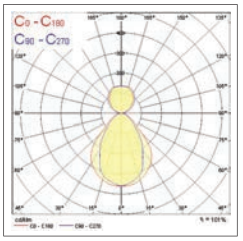
Code	Description	Length
3,000K		
2093089	MC2 DIRECT/INDIRECT 1.2M 3000K DALI WHITE OPAL	1.2M
2093090	MC2 DIRECT/INDIRECT 1.2M 3000K DALI EM WHITE OPAL	1.2M
2093091	MC2 DIRECT/INDIRECT 2.4M 3000K DALI WHITE OPAL	2.4M
2093092	MC2 DIRECT/INDIRECT 2.4M 3000K DALI EM WHITE OPAL	2.4M
4,000K		
2059332	MC2 DIRECT/INDIRECT 1.2M 4000K DALI WHITE OPAL	1.2M
2059333	MC2 DIRECT/INDIRECT 1.2M 4000K DALI EM WHITE OPAL	1.2M
2059334	MC2 DIRECT/INDIRECT 2.4M 4000K DALI WHITE OPAL	2.4M
2059335	MC2 DIRECT/INDIRECT 2.4M 4000K DALI EM WHITE OPAL	2.4M



Opal - 4,000K - 1.2M

Micro Prismatic Diffuser

Code	Description	Length
3,000K		
2093093	MC2 DIRECT/INDIRECT 1.2M 3000K DALI WHITE PRISMATIC	1.2M
2093094	MC2 DIRECT/INDIRECT 1.2M 3000K DALI EM WHITE PRISMATIC	1.2M
2093095	MC2 DIRECT/INDIRECT 2.4M 3000K DALI WHITE PRISMATIC	2.4M
2093096	MC2 DIRECT/INDIRECT 2.4M 3000K DALI EM WHITE PRISMATIC	2.4M
4,000K		
2059336	MC2 DIRECT/INDIRECT 1.2M 4000K DALI WHITE PRISMATIC	1.2M
2059337	MC2 DIRECT/INDIRECT 1.2M 4000K DALI EM WHITE PRISMATIC	1.2M
2059338	MC2 DIRECT/INDIRECT 2.4M 4000K DALI WHITE PRISMATIC	2.4M
2059339	MC2 DIRECT/INDIRECT 2.4M 4000K DALI EM WHITE PRISMATIC	2.4M



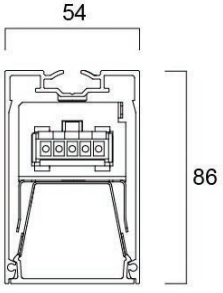
Prismatic - 4,000K - 1.2M

** End caps, connectors and suspensions to be ordered separately. See Mini Continuum II - Accessories on Page 49*

Mini Continuum II - Direct/Indirect
Performance Matrix

Fixture	1.2M	1.2M
Diffuser	Opal	Prismatic
Colour Temperature	4,000K	4,000K
Fixture Lumens	4032lm	3895lm
Actual Power	32W	32W
Lumens / Circuit Watt *	126lm/W	122lm/W

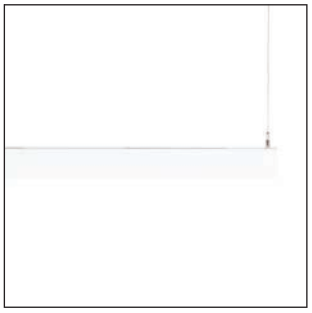
**Lumens / Circuit Watt = (Fixture Lumens)/Power*



Dimensions (mm)

* same dimensions as direct only modules

Mini Continuum II - Direct/Indirect - Suspended Kit



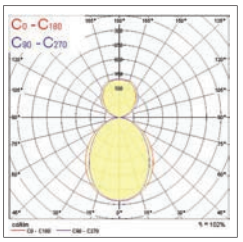
- Mini Continuum II provides a perfectly clean horizontal and vertical lines of homogenous light with no shadows
- Minimalist design based on the Golden mean or ratio; which is regarded as the secret to aesthetics
- Suspended Kit version comes complete with end caps and suspension cables for easy installation
- Colour rendering index, Ra80
- 65% downward light, 35% upward light
- White RAL 9016 as standard, other RAL colours available on request
- Direct / Indirect seperate switching via DALI
- DALI versions can be installed as standard on/off switchable

LIGHT SOURCE INCLUDED

IP20 960°C

Opal Diffuser

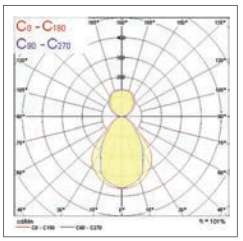
Code	Description	Length
3,000K		
2093105	MC2 DIRECT/INDIRECT KIT 1.2M 3000K DALI WHITE OPAL	1.2M
2093106	MC2 DIRECT/INDIRECT KIT 1.2M 3000K DALI EM WHITE OPAL	1.2M
2093107	MC2 DIRECT/INDIRECT KIT 2.4M 3000K DALI WHITE OPAL	2.4M
2093108	MC2 DIRECT/INDIRECT KIT 2.4M 3000K DALI EM WHITE OPAL	2.4M
4,000K		
2093097	MC2 DIRECT/INDIRECT KIT 1.2M 4000K DALI WHITE OPAL	1.2M
2093098	MC2 DIRECT/INDIRECT KIT 1.2M 4000K DALI EM WHITE OPAL	1.2M
2093099	MC2 DIRECT/INDIRECT KIT 2.4M 4000K DALI WHITE OPAL	2.4M
2093100	MC2 DIRECT/INDIRECT KIT 2.4M 4000K DALI EM WHITE OPAL	2.4M



Opal - 4,000K - 1.2M

Micro Prismatic Diffuser

Code	Description	Length
3,000K		
2093109	MC2 DIRECT/INDIRECT KIT 1.2M 3000K DALI WHITE PRISMATIC	1.2M
2093110	MC2 DIRECT/INDIRECT KIT 1.2M 3000K DALI EM WHITE PRISMATIC	1.2M
2093111	MC2 DIRECT/INDIRECT KIT 2.4M 3000K DALI WHITE PRISMATIC	2.4M
2093112	MC2 DIRECT/INDIRECT KIT 2.4M 3000K DALI EM WHITE PRISMATIC	2.4M
4,000K		
2093101	MC2 DIRECT/INDIRECT KIT 1.2M 4000K DALI WHITE PRISMATIC	1.2M
2093102	MC2 DIRECT/INDIRECT KIT 1.2M 4000K DALI EM WHITE PRISMATIC	1.2M
2093103	MC2 DIRECT/INDIRECT KIT 2.4M 4000K DALI WHITE PRISMATIC	2.4M
2093104	MC2 DIRECT/INDIRECT KIT 2.4M 4000K DALI EM WHITE PRISMATIC	2.4M



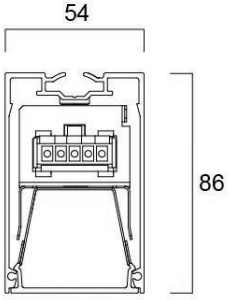
Prismatic - 4,000K - 1.2M

*Suspension Kit versions come complete with End caps (x2) and Mechanical Wire Suspensions (x2)

Mini Continuum II - Direct/Indirect Performance Matrix

Fixture	1.2M	1.2M
Diffuser	Opal	Prismatic
Colour Temperature	4,000K	4,000K
Fixture Lumens	4032lm	3895lm
Actual Power	32W	32W
Lumens / Circuit Watt *	126lm/W	122lm/W

**Lumens / Circuit Watt = (Fixture Lumens)/Power*



Dimensions (mm)

- Mini Continuum II provides a perfectly clean horizontal and vertical lines of homogenous light with no shadows
- Minimalist design based on the Golden mean or ratio; which is regarded as the secret to aesthetics
- This versatile solution can be recessed, semi-recessed, surface-mounted or suspended; either horizontally or vertically
- Trimless (for a seamless finish) versions are available for recessed or suspended installation
- Easy and rapid installation using the plug and socket arrangement
- Colour rendering index, Ra80
- End caps, suspensions and connectors accessories to be ordered seperately
- White RAL 9016 as standard, other RAL colours available
- DALI versions can be installed as standard on/off switchable

LIGHT SOURCE INCLUDED

IP20

Have you considered the use of a lighting control solution? For more information on how you could achieve up to 65% energy savings, see Lighting controls section

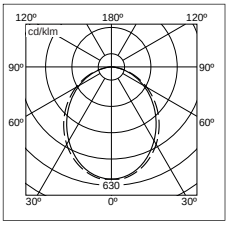
Continuum T5 - 95 mm cut-out width available upon request

Mini Continuum II - Direct - Trimless - 3000K

Code	Description	Length
2093121	MC2 1.2M 3,000K DALI WHITE OPAL	1.2M
2093122	MC2 1.2M 3,000K DALIEM WHITE OPAL	1.2M
2093123	MC2 2.4M 3,000K DALI WHITE OPAL	2.4M
2093124	MC2 2.4M 3,000K DALIEM WHITE OPAL	2.4M
2093125	MC2 3.6M 3,000K DALI WHITE OPAL	3.6M
2093126	MC2 3.6M 3,000K DALIEM WHITE OPAL	3.6M

Mini Continuum II - Direct - Trimless - 4000K

Code	Description	Length
2093115	MC2 1.2M 4,000K DALI WHITE OPAL	1.2M
2093116	MC2 1.2M 4,000K DALIEM WHITE OPAL	1.2M
2093117	MC2 2.4M 4,000K DALI WHITE OPAL	2.4M
2093118	MC2 2.4M 4,000K DALIEM WHITE OPAL	2.4M
2093119	MC2 3.6M 4,000K DALI WHITE OPAL	3.6M
2093120	MC2 3.6M 4,000K DALIEM WHITE OPAL	3.6M



Direct - 4,000K - 1.2M

Mini Continuum II - Direct - Trimless Extensions

Code	Description	Length
2093159	MC2 0.6M 3,000K DALI WHITE OPAL	0.6M
2093163	MC2 0.9M 3,000K DALI WHITE OPAL	0.9M
2093158	MC2 0.6M 4,000K DALI WHITE OPAL	0.6M
2093162	MC2 0.9M 4,000K DALI WHITE OPAL	0.9M

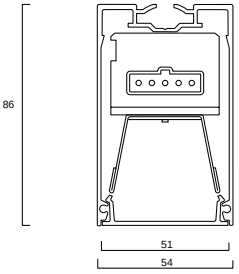
** End caps, connectors and suspensions to be ordered separately. See Mini Continuum II - Accessories on Page 49*
Legend: MC2 = Mini Continuum II; DALIEM = DALI Emergency

Mini Continuum II - Direct Performance Matrix

Fixture	1.2M
Diffuser	Opal
Colour Temperature	4,000K
Fixture Lumens	2,340lm
Actual Power	21W
Lumens / Circuit Watt *	111lm/W

**Lumens / Circuit Watt = (Fixture Lumens)/Power*

Mini Continuum Trimless



* same dimensions as direct / indirect modules

- Mini Continuum II provides a perfectly clean horizontal and vertical lines of homogenous light with no shadows
- Minimalist design based on the Golden mean or ratio; which is regarded as the secret to aesthetics
- This versatile solution can be recessed, semi-recessed, surface-mounted or suspended; either horizontally or vertically
- Trim (with an outside detail for plasterboard ceilings) versions are available for recessed installation
- Easy and rapid installation using the plug and socket arrangement
- End caps, suspensions and connectors accessories to be ordered seperately
- Colour rendering index, Ra80
- White RAL 9016 as standard, other RAL colours available on request
- DALI versions can be installed as standard on/off switchable

LIGHT SOURCE INCLUDED

IP20 960°C

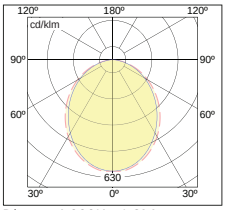
Continuum T5 - 95 mm cut-out width available upon request

Mini Continuum II - Direct - Trim - 3000K

Code	Description	Length
2093133	MC2 TRIM 1.2M 3,000K DALI WHITE OPAL	1.2M
2093134	MC2 TRIM 1.2M 3,000K DALIEM WHITE OPAL	1.2M
2093135	MC2 TRIM 2.4M 3,000K DALI WHITE OPAL	2.4M
2093136	MC2 TRIM 2.4M 3,000K DALIEM WHITE OPAL	2.4M
2093137	MC2 TRIM 3.6M 3,000K DALI WHITE OPAL	3.6M
2093138	MC2 TRIM 3.6M 3,000K DALIEM WHITE OPAL	3.6M

Mini Continuum II - Direct - Trim - 4000K

Code	Description	Length
2093127	MC2 TRIM 1.2M 4,000K DALI WHITE OPAL	1.2M
2093128	MC2 TRIM 1.2M 4,000K DALIEM WHITE OPAL	1.2M
2093129	MC2 TRIM 2.4M 4,000K DALI WHITE OPAL	2.4M
2093130	MC2 TRIM 2.4M 4,000K DALIEM WHITE OPAL	2.4M
2093131	MC2 TRIM 3.6M 4,000K DALI WHITE OPAL	3.6M
2093132	MC2 TRIM 3.6M 4,000K DALIEM WHITE OPAL	3.6M



Direct - 4,000K - 1.2M

Mini Continuum II - Direct - Trim - Extensions

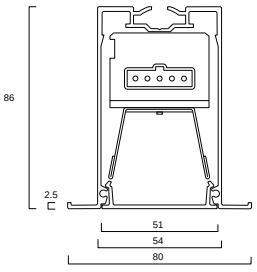
Code	Description	Length
2093161	MC2 TRIM 0.6M 3,000K DALI WHITE OPAL	0.6M
2093165	MC2 TRIM 0.9M 3,000K DALI WHITE OPAL	0.9M
2093160	MC2 TRIM 0.6M 4,000K DALI WHITE OPAL	0.6M
2093164	MC2 TRIM 0.9M 4,000K DALI WHITE OPAL	0.9M

** End caps, connectors and suspensions to be ordered separately. See Mini Continuum II - Accessories on Page 49*
Legend: MC2 = Mini Continuum II; DALIEM = DALI Emergency

Mini Continuum II - Direct/ Performance Matrix

Fixture	1.2M
Diffuser	Opal
Colour Temperature	4,000K
Fixture Lumens	2,340lm
Actual Power	21W
Lumens / Circuit Watt *	111lm/W

**Lumens / Circuit Watt = (Fixture Lumens)/Power*



Dimensions (mm)

Mini Continuum II - Direct - Suspended Kit

- Mini Continuum II provides a perfectly clean horizontal and vertical lines of homogenous light with no shadows
- Minimalist design based on the Golden mean or ratio; which is regarded as the secret to aesthetics
- Suspended Kit version comes complete with end caps and suspension cables for easy installation
- Colour rendering index, Ra80
- White RAL 9016 as standard, other RAL colours available on request
- DALI versions can be installed as standard on/off switchable

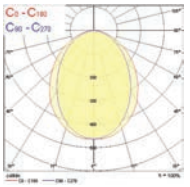
LIGHT SOURCE INCLUDED

IP20 960°C

Have you considered the use of a lighting control solution? For more information on how you could achieve up to 65% energy savings, see Lighting controls section

Opal Diffuser

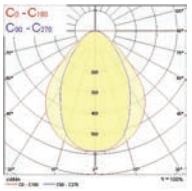
Code	Description	Length
3,000K		
2093147	MC2 KIT 1.2M 3,000K DALI WHITE OPAL	1.2M
2093148	MC2 KIT 1.2M 3,000K DALIEM WHITE OPAL	1.2M
2093149	MC2 KIT 2.4M 3,000K DALI WHITE OPAL	2.4M
2093150	MC2 KIT 2.4M 3,000K DALIEM WHITE OPAL	2.4M
4,000K		
2093139	MC2 KIT 1.2M 4,000K DALI WHITE OPAL	1.2M
2093140	MC2 KIT 1.2M 4,000K DALIEM WHITE OPAL	1.2M
2093141	MC2 KIT 2.4M 4,000K DALI WHITE OPAL	2.4M
2093142	MC2 KIT 2.4M 4,000K DALIEM WHITE OPAL	2.4M



Opal - 4,000K - 1.2M

Prismatic Diffuser

Code	Description	Length
3,000K		
2093151	MC2 KIT 1.2M 3,000K DALI WHITE PRISMATIC	1.2M
2093152	MC2 KIT 1.2M 3,000K DALIEM WHITE PRISMATIC	1.2M
2093153	MC2 KIT 2.4M 3,000K DALI WHITE PRISMATIC	2.4M
2093154	MC2 KIT 2.4M 3,000K DALIEM WHITE PRISMATIC	2.4M
4,000K		
2093143	MC2 KIT 1.2M 4,000K DALI WHITE PRISMATIC	1.2M
2093144	MC2 KIT 1.2M 4,000K DALIEM WHITE PRISMATIC	1.2M
2093145	MC2 KIT 2.4M 4,000K DALI WHITE PRISMATIC	2.4M
2093146	MC2 KIT 2.4M 4,000K DALIEM WHITE PRISMATIC	2.4M



Prismatic - 4,000K - 1.2M

**Suspension Kit versions come complete with End caps (x2) and Mechanical Wire Suspensions (x2)*

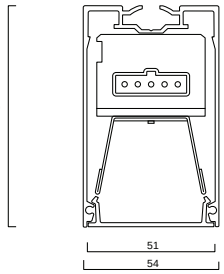
Legend: MC2 = Mini Continuum II; PRIS = PRISmatic; DALIEM = DALI Emergency

Mini Continuum II - Direct - Suspended Kit Performance Matrix

Fixture	1.2M	1.2M
Diffuser	Opal	Prismatic
Colour Temperature	4,000K	4,000K
Fixture Lumens	2,340lm	2,113lm
Actual Power	21W	21W
Lumens / Circuit Watt *	111lm/W	101lm/W

**Lumens / Circuit Watt = (Fixture Lumens)/Power*

Mini Continuum Trimless



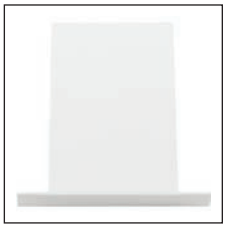
Accessories

90° HORIZONTAL-CORNER WHITE OPAL

90° VERTICAL-CORNER WHITE OPAL

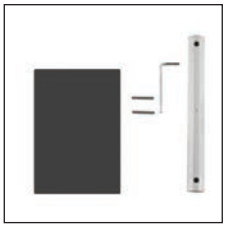
TRIM 90° HORIZONTAL-CORNER WHITE OPAL

TRIMLESS END CAP WHITE



TRIM END CAP WHITE

ELECTRICAL 5-WAY CONNECTOR MAINS+DALI



MECHANICAL JOINER & GASKET

Mini Continuum II - End caps and Connector Accessories

Code	Description
2054910	MC2 TRIMLESS END CAP WHITE
2054912	MC2 TRIM END CAP WHITE
2054914	MC2 MECHANICAL JOINER & GASKET
2055380	MC2 ELECTRICAL 5WAY CONNECTOR MAINS+DALI
2093155	MC2 90° HORIZONTAL-CORNER WHITE OPAL
2093156	MC2 90° VERTICAL-CORNER WHITE OPAL
2093157	MC2 TRIM 90° HORIZONTAL-CORNER WHITE OPAL

Mini Continuum II - Mounting Accessories

Code	Description
2054909	MC2 PLASTERBOARD BRACKET
2035031	SINGLEWIRE MECHANICAL ONLY 3M CHROME SUSPENSION CABLE

Continuum T5 - 95 mm cut-out width accessories available upon request

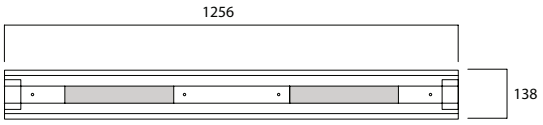
Southampton University, UK

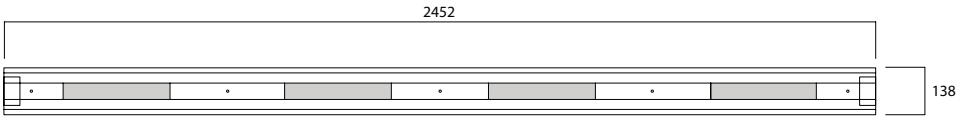
Control Gear:	Electronic
Dimmable:	DALI
Emergency:	3 Hour and EMPRO
Optics:	Micro Prismatic
Diffuser Material:	Polycarbonate
Light Distribution:	Direct/Indirect
Housing Colour:	White (RAL 9016)
Housing Material:	Aluminium Extruded
Mounting:	Stainless steel wire suspension with griplock

- Unity looks and performs like no other light fixture by combining uplighting and downlighting in a stylish fixture
- Unity is designed for creating innovative lighting runs and spatial frameworks in open plan office spaces, corridors, receptions, classrooms and libraries
- The Unity lighting system can be suspended both horizontally and down stairs. It is also possible to create square, rectangular and long-length formations
- Available in 1.2m and 2.4m lengths
- Long lifetime : 50,000 hours life at 70% of the original output L70

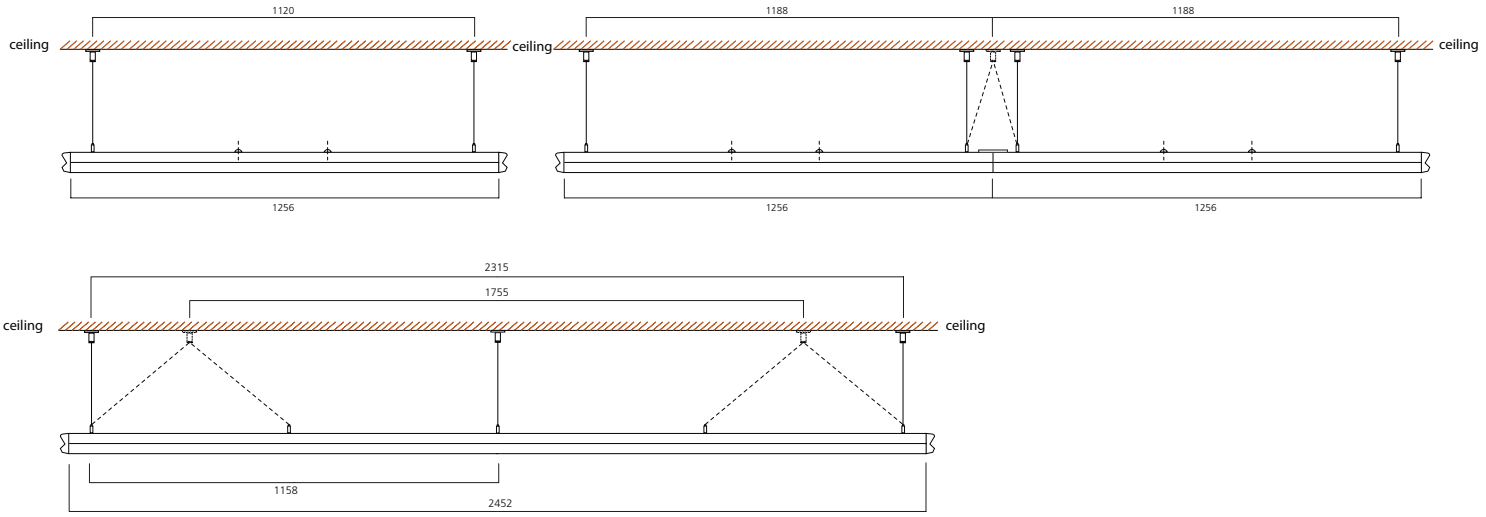
Unity II

Modules



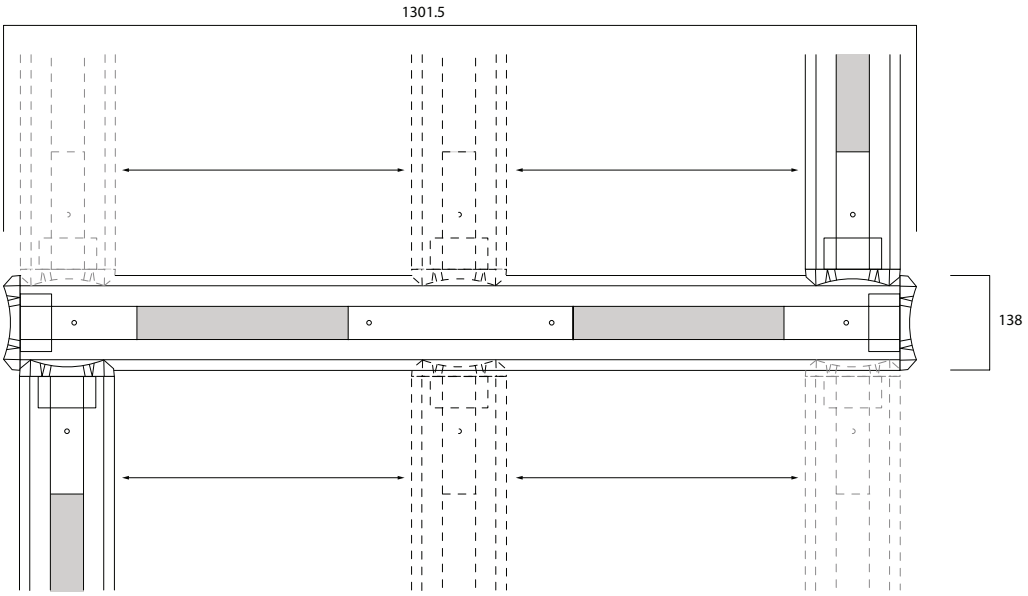


Suspension mount



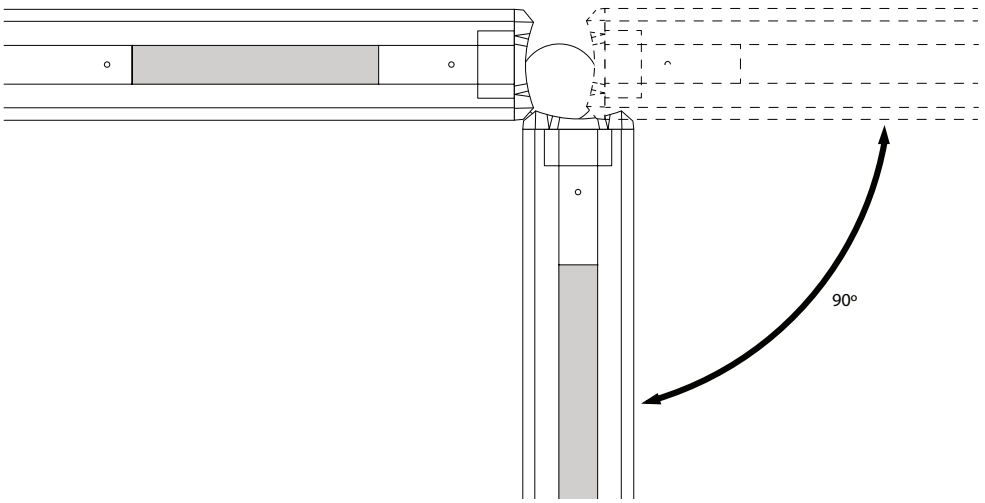
Various layouts

With Unity, there are many possibilities to light a space. The organic form and design allows for non-electrical, but seamless branching of modules along any point - as each linear run is individually powered.



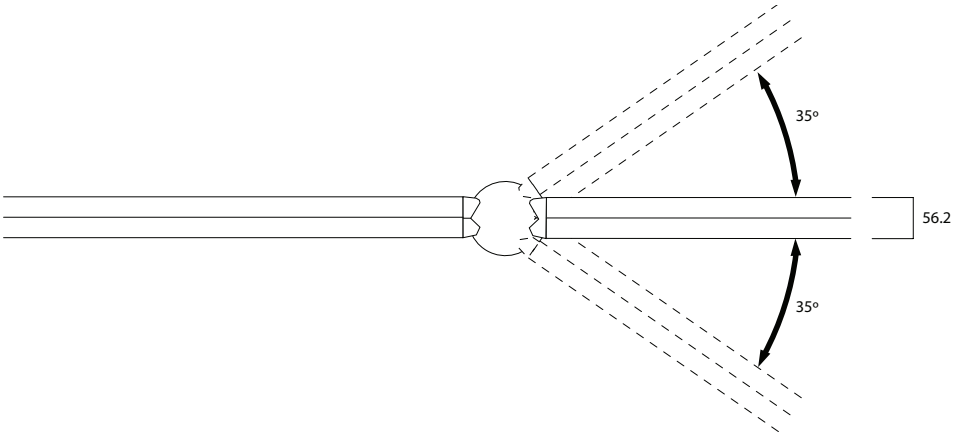
Horizontal Adjustable Corner Pivot

Pivot through 90° to create custom designs



Vertical Adjustable Pivot

Mount Unity up or downstairs or use in areas where elevation is required.



- Versatile suspended modular LED linear system
- Install horizontally or down stairwells using pivot accessories
- Create innovative lighting runs or spatial frameworks for open plan offices, corridors, classrooms or libraries
- Bi-directional lighting - 70% downwards and 30% upwards
- 1.2m and 2.4m aluminium extrusions - 'mix and match' differing lengths to create a perfect lighting system
- Rapid connector kit accessory - allowing for quick through wired installations of continuous straight runs
- PIR sensor module available
- UGR <19
- DALI, 3 hour emergency and EMPRO versions available
- 3,000K versions available on request
- White RAL9016 as standard, other RAL colours available on request
- DALI versions can be installed as standard on/off switchable

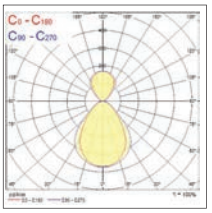
LIGHT SOURCE INCLUDED

IP20 960°C

Unity II - Micro Prismatic diffuser - 4,000K

Code	Description	Weight (Kg)	Colour
2059424	UNITY2 1.2M 4K DALI WHT	3.2	White
2059425	UNITY2 1.2M 4K DALI EM WHT	3.32	White
2059426	UNITY2 1.2M 4K DALI EMPRO WHT	3.32	White
2059427	UNITY2 2.4M 4K DALI WHT	6.6	White
2059428	UNITY2 2.4M 4K DALI EM WHT	6.62	White
2059429	UNITY2 2.4M 4K DALI EMPRO WHT	6.62	White

** End caps, connectors and suspensions to be ordered separately. See Unity II - Accessories on Page 63*

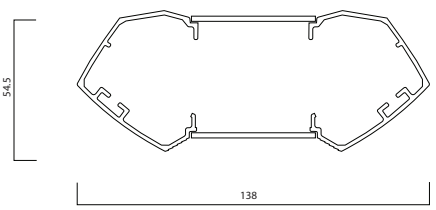


Unity II - 1.2M - 4,000K

Unity II Performance Matrix

Fixture	1.2M
Diffuser	Prismatic
Colour Temperature	4,000K
Fixture Lumens	3,422lm
Actual Power	36W
Lumens / Circuit Watt *	95lm/W

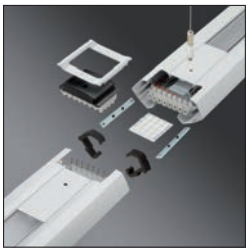
**Lumens / Circuit Watt = (Fixture Lumens)/Power*



Dimensions (mm)

Accessories

Horizontal pivot



Connector kit mech/elec exploded

Connector kit mech/elec assembled

End cap

Dummy module

Accessories

Code	Description
2057402	UNITY CONNECTOR KIT MECH/ELEC WHT
2057403	UNITY END CAP WHT x 1
2057405	UNITY H-ADJ CORNER PIVOT WHT
2057407	UNITY V-ADJ PIVOT WHT
2035031	SINGLEWIRE MECH ONLY 3M CHROME
2035016	TWINWIRE MECH ONLY 3M CHROME

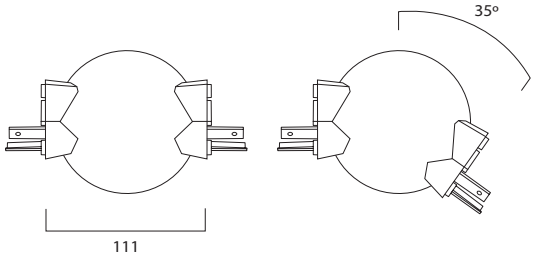
Dummy Modules

Code	Description
2057366	UNITY DUMMY 0.3M WHT
2057367	UNITY DUMMY 0.6M WHT
2057368	UNITY DUMMY 1.2M WHT

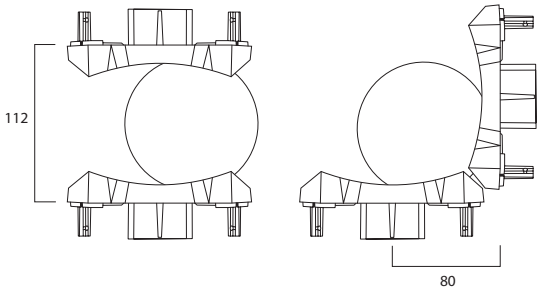
Sensor Modules

Code	Description
2058071	UNITY SENSOR MODULE 0.3M WHT PIR

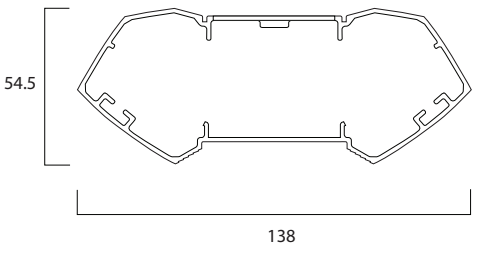
Unity Vertical-Adjustable Pivot



Unity Horizontal-Adjustable Corner Pivot



Unity Dummy profile



Dimensions (mm)

KKS Bridgepoint, UK

SPOTLIGHTS

Concord

36 Tide

42 Beacon Muse Tune

46 Beacon Tune

50 Beacon Projector

56 Beacon XL Muse

60 Beacon Muse II

64 Beacon XXL

70 Beacon XL Accent / Beacon XL

78 Beacon Accent II

82 Beacon II

87 Beacon Minor II & Major II

93 Beacon Wallwash LED

Ashmolean Museum, U.K.

Tide Symmetric in Track with Beacon Spotlight

The new Tide range from Concord delivers clean, crisp lines of light for subtle ambient effects or wall washing of vertical surfaces. Combining LED technology and lens innovation, to provide stand alone solutions the miniaturized lighting units are housed within existing track or ceiling recessed systems - a unique Architectural Lighting solution. Asymmetric - providing perfect vertical illuminance. Symmetric - providing subtle ambient lighting around perimeters. Double Asymmetric - ideal for applications requiring illumination of walls on both sides of a corridor.

Tide

Tide Asymmetric in Track

Asymmetric

Double-Asymmetric

Symmetric Wide

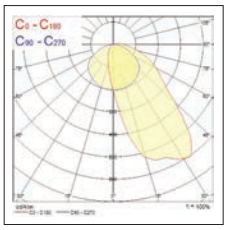
- Provides clean, crisp lines of light for horizontal or vertical surfaces
- Symmetric for subtle ambient lighting, Asymmetric for wall washing and Double Asymmetric for corridor applications
- Available in 3000K and 4000K colour temperature
- High colour rendering index, Ra 93
- Available as non dimmable or DALI dimmable versions
- For mounting on Lytespan 3 (3-circuit track)
- Lumen output up to 2000lm
- 27W power consumption
- Fixed length 600mm
- Long lifetime 60,000 hours life at 70% of the original output (L70B50)

LIGHT SOURCE INCLUDED

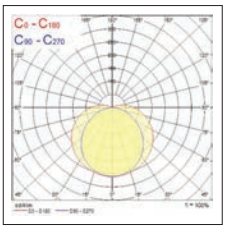
Tide - Track Version - High Efficiency

Code	Description	Colour
Asymmetric		
2059800	TIDE ASYM 93 3K L3 LEFT	White
2059801	TIDE ASYM 93 3K L3+DALI LEFT	White
2059802	TIDE ASYM 93 4K L3 LEFT	White
2059803	TIDE ASYM 93 4K L3+DALI LEFT	White
2059804	TIDE ASYM 93 3K L3-RIGHT	White
2059805	TIDE ASYM 93 3K L3+DALI RIGHT	White
2059806	TIDE ASYM 93 4K L3-RIGHT	White
2059807	TIDE ASYM 93 4K L3+DALI RIGHT	White
Symmetric Wide		
2059808	TIDE WIDE 93 3K L3	White
2059809	TIDE WIDE 93 3K L3+DALI	White
2059810	TIDE WIDE 93 4K L3	White
2059811	TIDE WIDE 93 4K L3+DALI	White
Double Asymmetric		
2059812	TIDE DASYM 93 3K L3	White
2059813	TIDE DASYM 93 3K L3+DALI	White
2059814	TIDE DASYM 93 4K L3	White
2059815	TIDE DASYM 93 4K L3+DALI	White

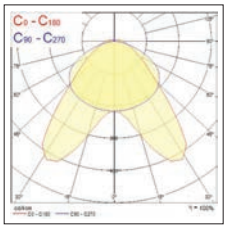
Legend: TIDE = Tide; ASYM = Asymmetric; WIDE = Symmetric Wide; DASYM = Double Asymmetric; 3K = 3000K; 4K = 4000K; L3 = Lytespan 3-circuit; LEFT = Left Push Up Live Polarisation; RIGHT = Right Push Up Live Polarisation; DALI = DALI Dimmable; 93 = CRI indication; HO = High Output



Tide asymmetric

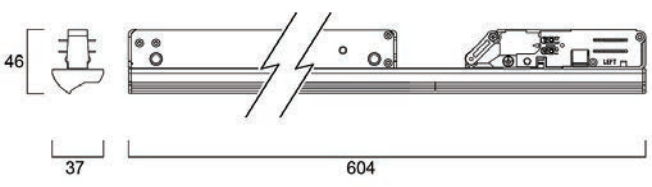


Tide symmetric wide

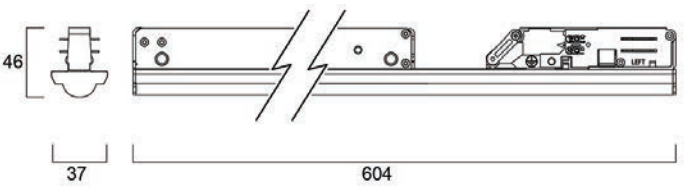


Tide double asymmetric

Tide Asymmetric track



Tide Symmetric Wide / Double-Asymmetric track



Dimensions (mm)

Tide Asymmetric in Track

Asymmetric

Double-Asymmetric

Symmetric Wide

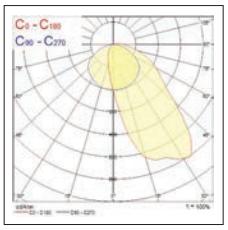
- Provides clean, crisp lines of light for horizontal or vertical surfaces
- Symmetric for subtle ambient lighting, Asymmetric for wall washing and Double Asymmetric for corridor applications
- Available in 3000K and 4000K colour temperature
- High colour rendering index, Ra 93
- Available as non dimmable or DALI dimmable versions
- For mounting on Lytespan 3 (3-circuit track)
- Lumen output up to 2600lm
- 40W power consumption
- Fixed length 600mm
- Long lifetime 60,000 hours life at 70% of the original output (L70B50)

LIGHT SOURCE INCLUDED

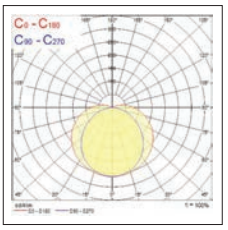
Tide - Track Version - High Output

Code	Description	Colour
Asymmetric		
2059828	TIDE HO ASYM 93 3K L3 LEFT	White
2059829	TIDE HO ASYM 93 3K L3+DALI LEFT	White
2059830	TIDE HO ASYM 93 4K L3 LEFT	White
2059831	TIDE HO ASYM 93 4K L3+DALI LEFT	White
2059832	TIDE HO ASYM 93 3K L3-RIGHT	White
2059833	TIDE HO ASYM 93 3K L3+DALI RIGHT	White
2059834	TIDE HO ASYM 93 4K L3-RIGHT	White
2059835	TIDE HO ASYM 93 4K L3+DALI	White
Symmetric Wide		
2059836	TIDE HO WIDE 93 3K L3	White
2059837	TIDE HO WIDE 93 3K L3+DALI	White
2059838	TIDE HO WIDE 93 4K L3	White
2059839	TIDE HO WIDE 93 4K L3+DALI	White
Double Asymmetric		
2059840	TIDE HO DASYM 93 3K L3	White
2059841	TIDE HO DASYM 93 3K L3+DALI	White
2059842	TIDE HO DASYM 93 4K L3	White
2059843	TIDE HO DASYM 93 4K L3+DALI	White

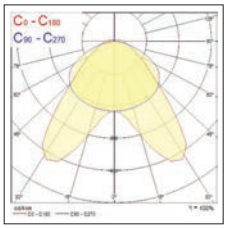
Legend: TIDE = Tide; ASYM = Asymmetric; WIDE = Symmetric Wide; DASYM = Double Asymmetric; 3K = 3000K; 4K = 4000K; L3 = Lytespan 3-circuit; LEFT = Left Push Up Live Polarisation; RIGHT = Right Push Up Live Polarisation; DALI = DALI Dimmable; 93 = CRI indication; HO = High Output



Tide asymmetric

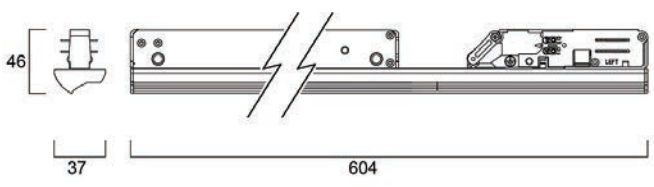


Tide symmetric wide

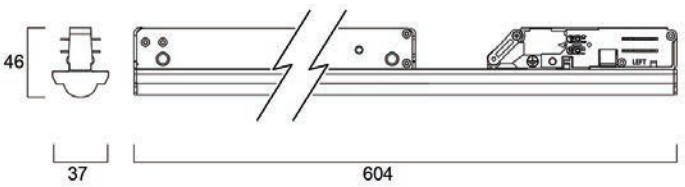


Tide double asymmetric

Tide Asymmetric track



Tide Symmetric Wide / Double-Asymmetric track



Dimensions (mm)

Tide - Recessed Version - High Efficiency

Recessed Symmetric

Recessed Asymmetric

- Provides clean, crisp lines of light for horizontal or vertical surfaces
- Symmetric for subtle ambient lighting, Asymmetric for wall washing and Double Asymmetric for corridor applications
- Available in 3000K and 4000K colour temperature
- High colour rendering index, Ra 93
- Available as non dimmable or DALI dimmable versions
- Ceiling recessed
- Lumen output up to 2000lm
- 27W power consumption
- Fixed length 600mm
- Long lifetime 60,000 hours life at 70% of the original output (L70B50)

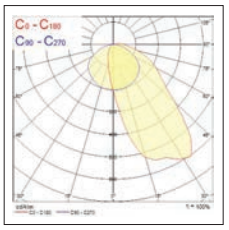
LIGHT SOURCE INCLUDED

IP20 IK02 0.8m

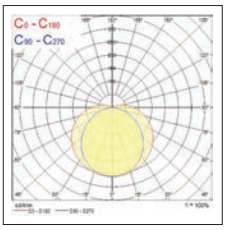
Tide - Recessed Version - High Efficiency

Code	Description	Colour
Asymmetric		
2059816	TIDE ASYM 93 3K RECESS	White
2059817	TIDE ASYM 93 3K RECESS DALI	White
2059818	TIDE ASYM 93 4K RECESS	White
2059819	TIDE ASYM 93 4K RECESS DALI	White
Symmetric Wide		
2059820	TIDE WIDE 93 3K RECESS	White
2059821	TIDE WIDE 93 3K RECESS DALI	White
2059822	TIDE WIDE 93 4K RECESS	White
2059823	TIDE WIDE 93 4K RECESS DALI	White
Double Asymmetric		
2059824	TIDE DASYM 93 3K RECESS	White
2059825	TIDE DASYM 93 3K RECESS DALI	White
2059826	TIDE DASYM 93 4K RECESS	White
2059827	TIDE DASYM 93 4K RECESS DALI	White

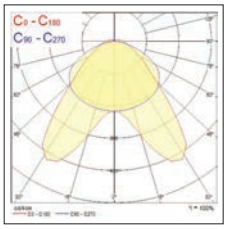
Legend: TIDE = Tide; ASYM = Asymmetric; WIDE = Symmetric Wide; DASYM = Double Asymmetric; 3K = 3000K; 4K = 4000K; RIGHT = Right Push Up Live Polarisation; RECESS = Recessed Version; DALI = DALI Dimmable; 93 = CRI indication



Tide asymmetric

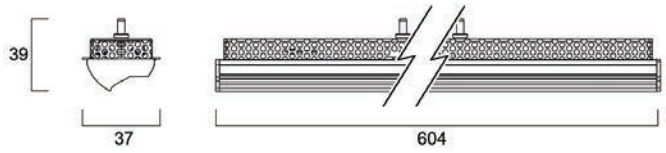


Tide symmetric wide

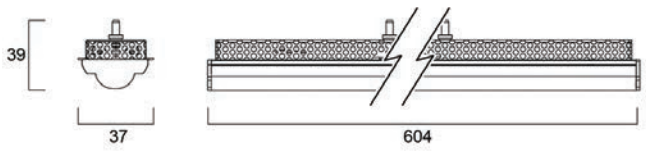


Tide double asymmetric

Tide Asymmetric recessed



Tide Symmetric Wide / Double-Asymmetric recessed



Dimensions (mm)

Recessed Symmetric

Recessed Asymmetric

- Provides clean, crisp lines of light for horizontal or vertical surfaces
- Symmetric for subtle ambient lighting, Asymmetric for wall washing and Double Asymmetric for corridor applications
- Available in 3000K and 4000K colour temperature
- High colour rendering index, Ra 93
- Available as non dimmable or DALI dimmable versions
- Ceiling recessed
- Lumen output up to 2600lm
- 40W power consumption
- Fixed length 600mm
- Long lifetime 60,000 hours life at 70% of the original output (L70B50)

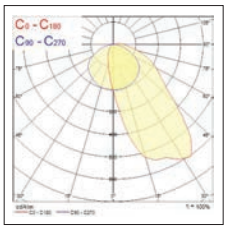
LIGHT SOURCE INCLUDED

IP20 IK02 0.8m LED

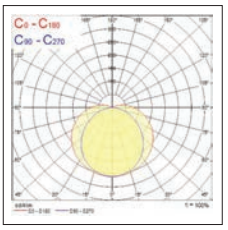
Tide - Recessed Version - High Efficiency

Code	Description	Colour
Asymmetric		
2059844	TIDE HO ASYM 93 3K RECESS	White
2059845	TIDE HO ASYM 93 3K RECESS DALI	White
2059846	TIDE HO ASYM 93 4K RECESS	White
2059847	TIDE HO ASYM 93 4K RECESS DALI	White
Symmetric Wide		
2059848	TIDE HO WIDE 93 3K RECESS	White
2059849	TIDE HO WIDE 93 3K RECESS DALI	White
2059850	TIDE HO WIDE 93 4K RECESS	White
2059851	TIDE HO WIDE 93 4K RECESS DALI	White
Double Asymmetric		
2059852	TIDE HO DASYM 93 3K RECESS	White
2059853	TIDE HO DASYM 93 3K RECESS DALI	White
2059854	TIDE HO DASYM 93 4K RECESS	White
2059855	TIDE HO DASYM 93 4K RECESS DALI	White

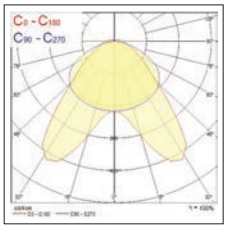
Legend: TIDE = Tide; ASYM = Asymmetric; WIDE = Symmetric Wide; DASYM = Double Asymmetric; 3K = 3000K; 4K = 4000K; RIGHT = Right Push Up Live Polarisation; RECESS = Recessed Version; DALI = DALI Dimmable; 93 = CRI indication



Tide asymmetric

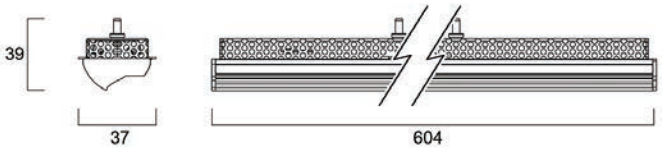


Tide symmetric wide

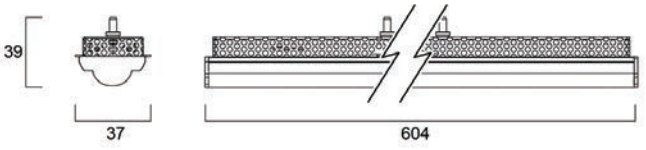


Tide double asymmetric

Tide Asymmetric recessed

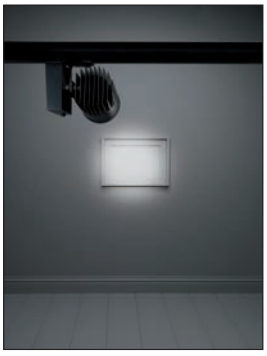


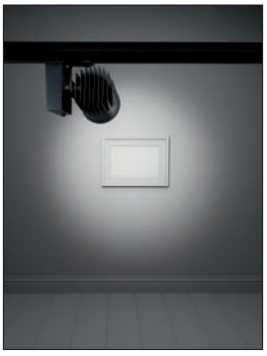
Tide Symmetric Wide / Double-Asymmetric recessed

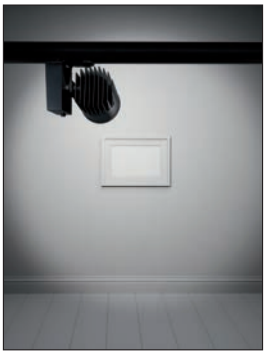


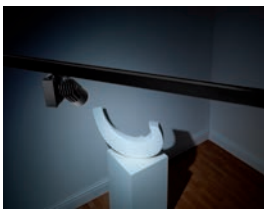
Dimensions (mm)

Ashmolean Museum, U.K.


Narrow Beam


Medium Beam


Wide Beam



Beacon Muse Tune combines tuneable colour temperature and beam angle adjustment in a single fitting, further developing the award winning Beacon range from Concord. Combining cutting-edge LED technology and ancient lens principles to create a fully adjustable spotlight, the unique soft-touch ring enables the end-user to manually adjust the beam from a wide flood (40˚) down to a tight spot (10˚); without the need of any additional lenses or reflectors. Additionally the colour tuning functionality allows colour temperature selection from a cool 4,300K to a warm 2,100K to tailor the lit effect to match the exact requirements of the exhibition or gallery display space.

Beacon Muse Tune

Manual tune - black

Manual tune - white

Side profile

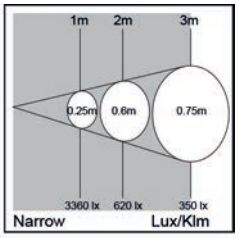
- Stylish combination of tuneable colour temperature and adjustable beam angle
- Tuneable white from 4,300K down to 2,100K
- Unique adjustability using soft-touch ring, enables beam control from a tight 10° spot to a 40° flood
- On-board dimming potentiometer, DALI (version 8 protocol) or SylSmart SSC Wireless versions available
- High colour rendering index, Ra90
- For mounting on 1-circuit track (Lytespan 1) or 3-circuit track (Lytespan 3). DALI L3 only
- Snap fit accessories (Elongation lens, Honeycomb filter and Snoot)
- Monopoint accessory available for surface mounting
- IR/UV free light source without heat radiation
- Long lifetime: >70,000 hours life at 70% of original output (L70B50)
- LED technology provides an energy efficient solution with reduced maintenance costs

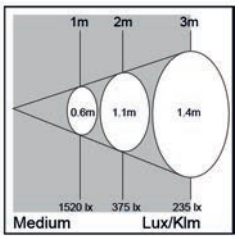
LIGHT SOURCE INCLUDED

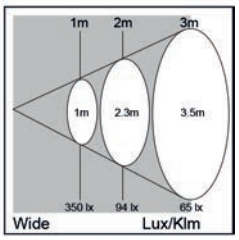
Beacon Muse Tune

Code	Description
On Board Dimming	
2059762	MUSE TUNE 90 L1 O/B BLK
2059763	MUSE TUNE 90 L1 O/B WHT
2059766	MUSE TUNE 90 L3 O/B BLK
2059767	MUSE TUNE 90 L3 O/B WHT
DALI Dimming	
2059768	MUSE TUNE 90 L3 DALI BLK
2059769	MUSE TUNE 90 L3 DALI WHT
SylSmart SSC Wireless	
2059764	MUSE TUNE 90 L1 SSC01 BLK
2059765	MUSE TUNE 90 L1 SSC01 WHT
2059770	MUSE TUNE 90 L3 SSC01 BLK
2059771	MUSE TUNE 90 L3 SSC01 WHT

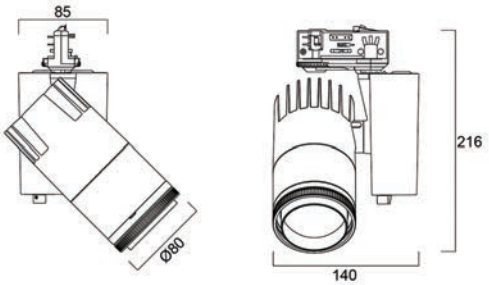
Legend: MUSE TUNE = Beacon MUSE TUNE; OB = On-Board dimming; DALI = DALI Dimming; SSC01 = SylSmart SSC Wireless; L1 = Lytespan 1-circuit; L3 = Lytespan 3-circuit; WHT = WHiTe; BLK = BLacK







3000K Light Levels



Dimensions (mm)

Accessories

Snoot

Elongation Lens

Honeycomb Filter

Barn Doors

Softener Lens

Monopoint Black

Monopoint White

Accessories

Code	Description
2059758	BEACON SNOOT BLK
2059760	MUSE II ELONGATION LENS
2059761	MUSE II HONEYCOMB BLK
2052940	BMUSE II BARN DOORs
2059759	MUSE II SOFTENER LENS
3020010	MONOPOINT L3 WHITE
3020080	MONOPOINT L3 BLACK

SylSmart SSC Wireless

It is a wireless, cost effective and flexible lighting control solution that can be programmed quickly and easily using the intuitive application on a smartphone..

SylSmart Standalone Scene enable users to change lighting levels and set different scenes as often as they like. No need to call specialised experts.

Creativity is at your finger tips. Have the perfect light setting for your application, product or art piece on display. Change dimming levels, colour temperature and set scenes exactly how you need them with very little effort.

Finite Adjustment

Beacon Muse Tune is the ultimate adjustable spotlight based on the award winning Beacon Muse. With its tuneable white LEDs which take you on a journey from warm to icy cool white, adding a sense of drama to your display.

Colour tuning can be done in either of two ways manual operation via adjustable potentiometers located at the base of the spotlight. Or wirelessly via your smartphone using our SylSmart enabled app.

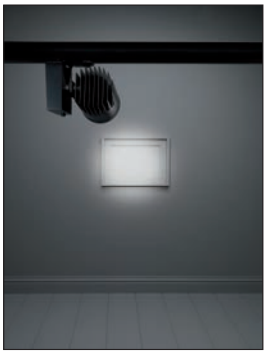
Manual Beam Control

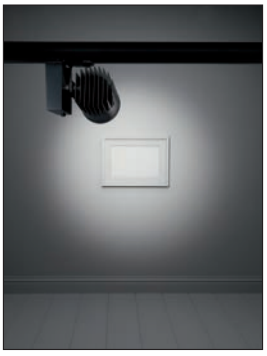
SylSmart (wireless dimming and colour tuning)

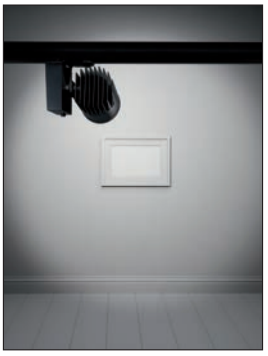
Available on the iPhone App Store

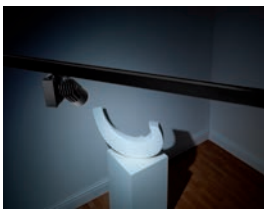
ANDROID APP ON Google play

1.0m
2100°K
2700°K
3000°K
3500°K
4300°K
Beacon tune
0
50
100


Narrow Beam


Medium Beam


Wide Beam



Beacon Tune is the first tuneable white LED spotlight from Concord. Offering unique customisation through 2 on-board potentiometers, colour tuning from a cool 4,300K down to a warm 2,100K and smooth dimming from 100-0%, allowing endusers the ability to tailor the lighting to their exact preference.

The colour and quality of light can greatly influence and determine the way in which artwork, objects or fabrics are visually perceived. Beacon Tune will bring out the best in displays and exhibitions, with a high CRI of 90, making it the perfect lighting solution for Museums and Galleries.

Beacon Tune

White

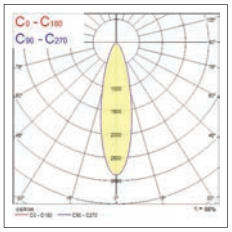
Black

- Tuneable white from 4,300K down to a warm 2,100K
- Beacon Tune is a tuneable white LED spotlight - in keeping with the award-winning Beacon design
- Ideal for museum and gallery applications for changing atmosphere from warm to cool using the same spotlight
- Smooth on-board dimming from 100 to 0%
- Individual graduated on-board potentiometers - ensuring consistency and accuracy across all installed fixtures
- Available as a Spot (26°) or Flood (42°) beam option
- Total system power: 23W
- Fixture lumens:
  - Spot (26°) = 1074lm
  - Flood (42°) = 978lm
- High colour rendering index, Ra90
- IR/UV free light source without heat radiation
- Long lifetime: 50,000 hours life at 70% of the original output (L70)

LIGHT SOURCE INCLUDED

Spot

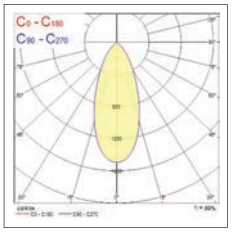
Code	Description	Colour
2059061	BEACON TUNE SPOT O/B DIM L3	White
2059062	BEACON TUNE SPOT O/B DIM L3	Black



Beacon Tune - Spot

Flood

Code	Description	Colour
2059063	BEACON TUNE FLOOD O/B DIM L3	White
2059064	BEACON TUNE FLOOD O/B DIM L3	Black

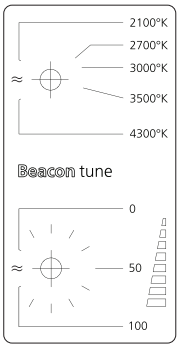


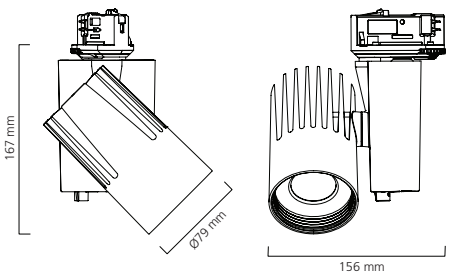
Beacon Tune - Flood

Accessories

Code	Description	Colour
2059220	BEACON TUNE PEAK	Black
2052940	BEACON BARN DOORS	Black

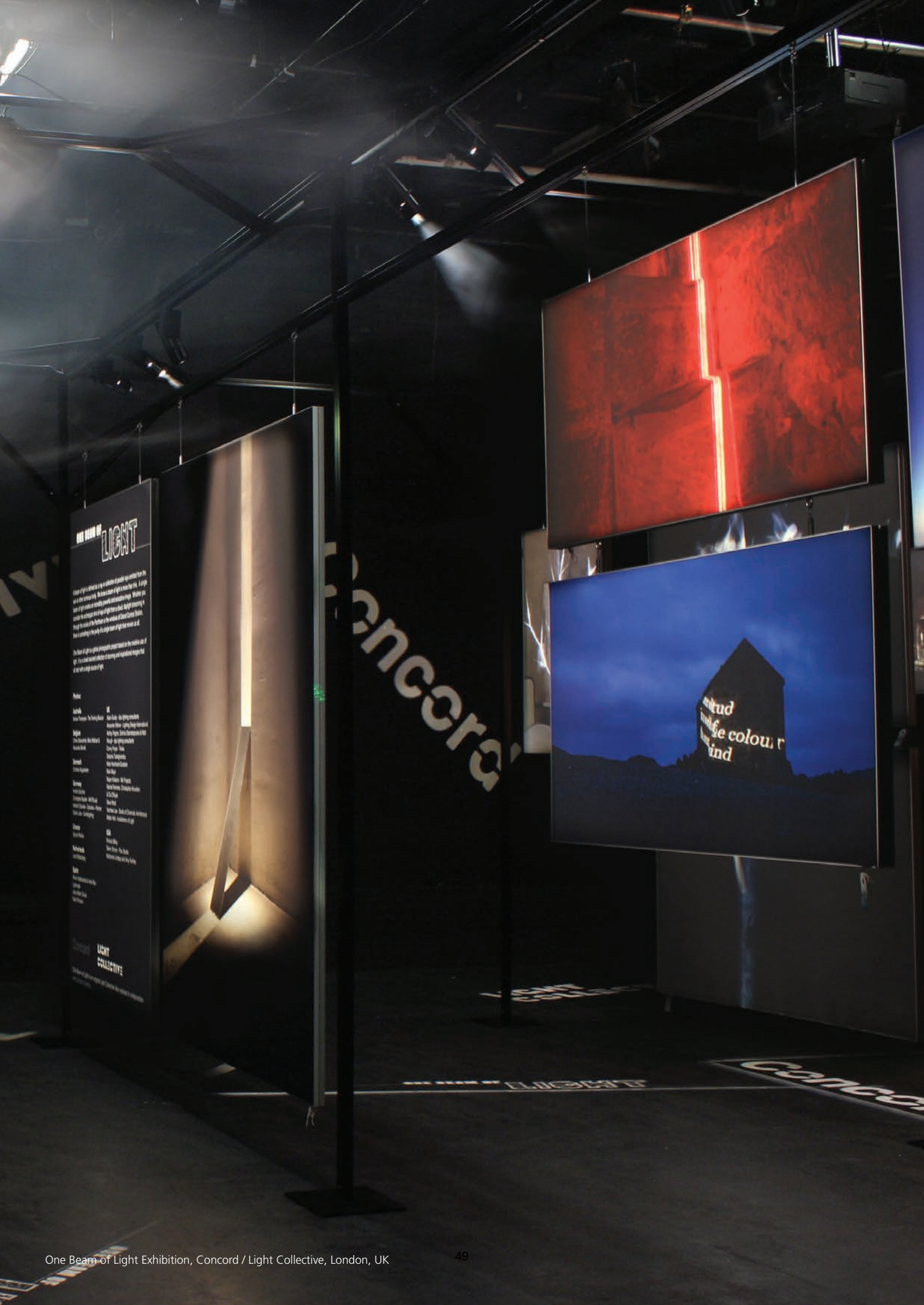
Legend: O/B DIM = Manual On board dimming; L3 = Three Circuit Track





Dimensions (mm)

Compton Verney, U.K.



One Beam of Light Exhibition, Concord / Light Collective, London, UK

Beacon Projector is part of the award winning Beacon/Beacon Muse range.
Consisting of three versions - Iris, Framing and Gobo. These impressive models meet the requirements for a fully adjustable projector in galleries, museum and retail applications.

Beacon Projector

Beacon Projector - Iris

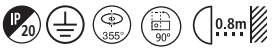
White Beacon Projector Iris

Black Beacon Projector Iris

Silver Beacon Projector Iris

- The Beacon Projector – Iris combines the award winning Beacon housing with a connecting snoot, manual focusing lens and a high output 26W cutting-edge LED
- The Iris component produces a circular beam which enables smaller objects to be pin pointed with light, where less than a 10º beam is necessary.
- IR/UV – free light source without heat radiation
- High colour rendering index, typical Ra97, R9 - 90
- Fully dimmable from 100% to 3% using discrete on-board dimming (DALI 0%)
- Long life up to 50K hours
- Low maintenance and discrete lighting solution
- Silver versions available on request

LIGHT SOURCE INCLUDED



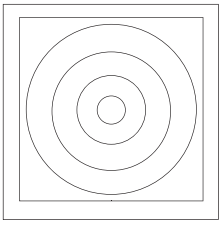
Beacon Projector Iris 3,000K

Code	Description	Colour
2055968	IRIS O/B DIM L3 3,000K	White
2055972	IRIS O/B DIM SM 3,000K	White
2055976	IRIS DALI L3 3,000K	White
2055969	IRIS O/B DIM L3 3,000K	Black
2055973	IRIS O/B DIM SM 3,000K	Black
2055977	IRIS DALI L3 3,000K	Black

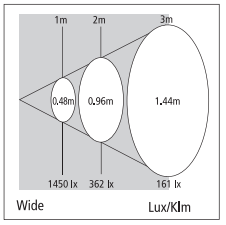
Beacon Projector Iris 4,000K

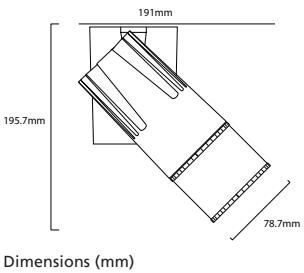
Code	Description	Colour
2055970	IRIS O/B DIM L3 4,000K	White
2055974	IRIS O/B DIM SM 4,000K	White
2055978	IRIS DALI L3 4,000K	White
2055971	IRIS O/B DIM L3 4,000K	Black
2055975	IRIS O/B DIM SM 4,000K	Black
2055979	IRIS DALI L3 4,000K	Black

Legend: L1 = Single Circuit; L3 = Three Circuit;
SM = Surface Mount; O/B Dim = Manual On board dimming; DALI = DALI Track Dimming



Iris Projector





Dimensions (mm)

Silver Beacon Projector Framing

White Beacon Projector Framing

Black Beacon Projector Framing

- The Beacon Projector – Framing combines the award winning Beacon housing with four adjustable arms allowing the beam to be framed to the desired size shape (square/rectangle – or irregular 4 sided shapes thus framing the object with light
- High output 26W cutting-edge LED
- IR/UV – free light source without heat radiation
- High colour rendering index, typical Ra97, R9 - 90
- Fully dimmable from 100% to 3% using discrete on-board dimming (DALI 0%)
- Long life up to 50K hours
- Low maintenance and discrete lighting solution
- Silver versions available on request

LIGHT SOURCE INCLUDED

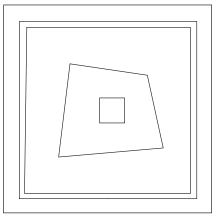
Beacon Projector Framing 3,000K

Code	Description	Colour
2055956	FRAM O/B DIM L3 3,000K	White
2055960	FRAM O/B DIM SM 3,000K	White
2055964	FRAM DALI L3 3,000K	White
2055957	FRAM O/B DIM L3 3,000K	Black
2055961	FRAM O/B DIM SM 3,000K	Black
2055965	FRAM DALI L3 3,000K	Black

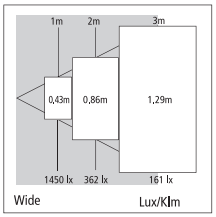
Beacon Projector Framing 4,000K

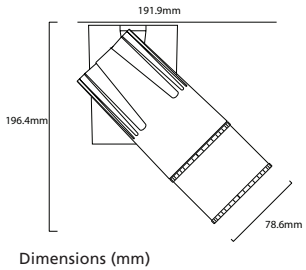
Code	Description	Colour
2055958	FRAM O/B DIM L3 4,000K	White
2055962	FRAM O/B DIM SM 4,000K	White
2055966	FRAM DALI L3 4,000K	White
2055959	FRAM O/B DIM L3 4,000K	Black
2055963	FRAM O/B DIM SM 4,000K	Black
2055967	FRAM DALI L3 4,000K	Black

Legend: L1 = Single Circuit; L3 = Three Circuit;
SM = Surface Mount; O/B Dim = Manual On board dimming;
DALI = DALI Track Dimming



Framing Projector





Dimensions (mm)

Black Projector Gobo

- The Beacon Projector – Gobo gives the ability to project an image, pattern or wording onto most surfaces.
- Ideal for retail and display environments
- 3 types of Gobo material can be inserted:
  - acetate
  - metal
  - glass
- High output 26W cutting-edge LED
- IR/UV – free light source without heat radiation
- High colour rendering index, typical Ra97, R9 - 90
- Fully dimmable from 100% to 3% using discrete on-board dimming (DALI 0%)
- Long life up to 50K hours
- Low maintenance and discrete lighting solution
- Silver versions available on request

LIGHT SOURCE INCLUDED

Beacon Projector Gobo 3,000K

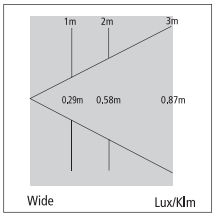
Code	Description	Colour
2055944	GOBO O/B DIM L3 3,000K	White
2055948	GOBO O/B DIM SM 3,000K	White
2055952	GOBO DALI L3 3,000K	White
2055945	GOBO O/B DIM L3 3,000K	Black
2055949	GOBO O/B DIM SM 3,000K	Black
2055953	GOBO DALI L3 3,000K	Black

Beacon Projector Gobo 4,000K

Code	Description	Colour
2055946	GOBO O/B DIM L3 4,000K	White
2055950	GOBO O/B DIM SM 4,000K	White
2055954	GOBO DALI L3 4,000K	White
2055947	GOBO O/B DIM L3 4,000K	Black
2055951	GOBO O/B DIM SM 4,000K	Black
2055955	GOBO DALI L3 4,000K	Black

Legend: L1 = Single Circuit; L3 = Three Circuit;
SM = Surface Mount; O/B Dim = Manual On board dimming;
DALI = DALI Track Dimming

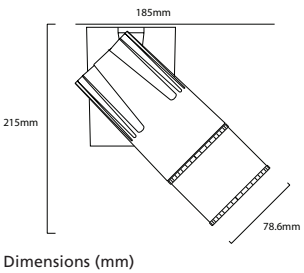
GoboHolder(with20mmimage)



Light level not taken.
Dependant on image

Note: to purchase Gobos please contact Rosco Limited: www.rosco.com

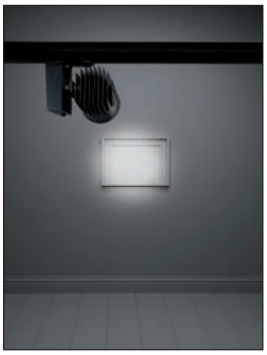
Size 'D' Diameter 53.3mm



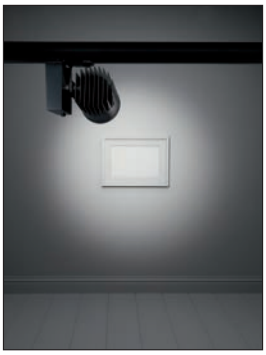
Dimensions (mm)

Design Museum - London, UK

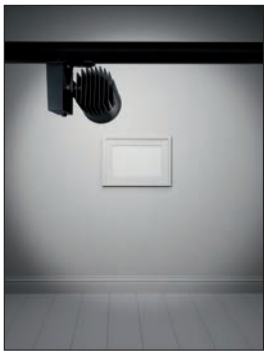
Compton Verney Art Gallery, Gaydon, UK



Narrow Beam



Medium Beam



Wide Beam

Beacon XL Muse is a new addition to the innovative and award winning Beacon Muse range of spotlights. Beacon XL Muse introduces an exciting new accent and display lighting concept using cutting-edge LED technology and ancient lens principles to create a fully adjustable spotlight. The soft-touch ring enables the end-user to manually adjust the beam to from a wide flood (70˚) down to a tight spot (10˚); without the need of any additional lenses or reflectors.
Beacon XL Muse boasts a super high CRI of Ra97 with the R9 value at 90 - ensuring vibrant reds - the ideal spotlight for museum, gallery and retail applications where a high quality of light is required. Available with on-board, DALI or SylSmart remote dimming, a wireless technology that enables the end-user to easily control the light output via their smart device.

Beacon XL Muse

Beacon XL Muse - White

Beacon XL Muse - Black

- Unique adjustablity using soft-touch ring, enables beam control from a 10° spot to a 70° flood

	3,000K	4,000K
Flood 70 deg	2,544lm	2,884lm
Spot 10 deg	820lm	901lm

- Ideal for museum, gallery and retail applications
- Super high colour rendering index, Ra 97 typical
- Available in 3,000K or 4,000K colour temperatures
- On-board dimming, DALI or SylSmart Scene Setting versions available
- For mounting on 3-circuit track (Lytespan 3)
- White or Black paint finishes as standard. Silver available on request
- Barn doors, Elongation lens, Honeycomb and Snoot accessories available
- IR/UV free light source without heat radiation
- Long lifetime: 50,000 hours life at 70% of the original output (L70)

LIGHT SOURCE INCLUDED

IP20 IK02 355° 90° 0.8m LED

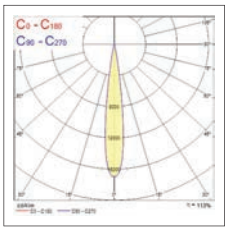
Beacon XL MUSE - 3000K (97CRI)

Code	Description	Colour
On-board dim		
2059319	XL MUSE 3K O/B DIM L3 WHT	White
2059320	XL MUSE 3K O/B DIM L3 BLK	Black
DALI		
2059323	XL MUSE 3K DALI L3 WHT	White
2059324	XL MUSE 3K DALI L3 BLK	Black
SylSmart Remote Dimming		
2059327	XL MUSE 3K SSC01 L3 WHT	White
2059328	XL MUSE 3K SSC01 L3 BLK	Black

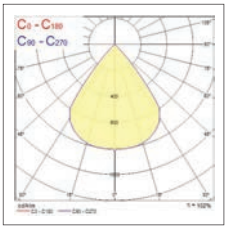
Beacon XL MUSE - 4000K (97CRI)

Code	Description	Colour
On-board dim		
2059321	XL MUSE 4K O/B DIM L3 WHT	White
2059322	XL MUSE 4K O/B DIM L3 BLK	Black
DALI		
2059325	XL MUSE 4K DALI L3 WHT	White
2059326	XL MUSE 4K DALI L3 BLK	Black
SylSmart Remote Dimming		
2059329	XL MUSE 4K SSC01 L3 WHT	White
2059330	XL MUSE 4K SSC01 L3 BLK	Black

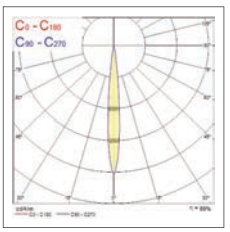
Legend: O/B DIM = On-Board DIMming; SSC01 = SylSmart Scene Setting; L3 = Lytespan 3; WHT = WHiTe; BLK = BLacK



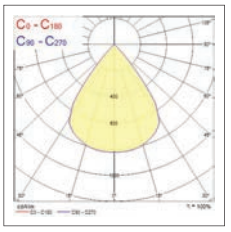
3,000K Spot



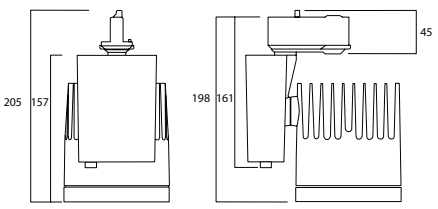
3,000K Wide



4,000K Spot



4,000K Flood

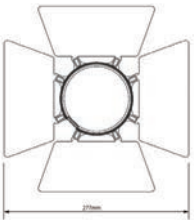


Accessories

Elongation lens

Honeycomb

Snoot



Barn doors

Accessories

Code	Description
2093113	XL MUSE ELONGATION LENS
2093114	XL MUSE HONEYCOMB BLK
2058323	XL MUSE BARN DOOR BLK
2058326	XL MUSE SNOOT BLK

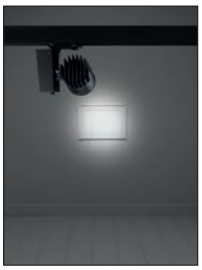
SylSmart Scene Setting

- Wireless dimming of single or multiple luminaires with simple touch gestures on your smart phone
- Automatically form a wireless mesh network with the other bluetooth enabled luminaires
- Set up simple or complex scenarios with single or multiple luminaires in them. All the luminaires in one scene can have different light levels according to the needs of the end-user.
- Define the security of the network. There are four different security levels for access control.
- Control luminaires visually, by adding photographs into the app to virtually recreate the room
- The remote dimming enabled luminaires use Bluetooth Low Energy to form the direct connection and interaction between a mobile device and the luminaires
- Free app is available to download on iPhone and Android devices

Available on the iPhone App Store

ANDROID APP ON Google play

Pushkin Museum - Moscow, Russia



Beacon Muse adjustable optics providing 10 degree tight spot for accent lighting for accentuating the texture, colour and shape of exhibits

Beacon Muse optics optimised to provide a 55 degree wide flood distribution for uniform vertical and horizontal illuminance and wall washing effects

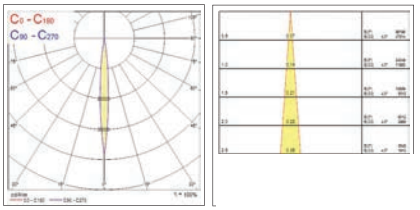
Beacon Muse II is the latest addition to the innovative and award winning Beacon Muse spotlight range. Beacon Muse II boasts improved optical control and provides an exciting accent and display lighting tool that uses cutting-edge LED technology and ancient lens principles to create a fully adjustable spotlight.

The unique soft-touch ring enables the end-user to manually adjust the beam to from a wide flood (55˚) down to a tight spot (8˚); without the need of any additional lenses or reflectors. Beacon Muse II boasts a super high CRI of 97 with the R9 value at 90 -ensuring vibrant reds - the ideal spotlight for museum, gallery and retail applications where a high quality of light is required. Available with trailing edge, on-board dimming potentiometer, DALI or SylSmart Wireless dimming.

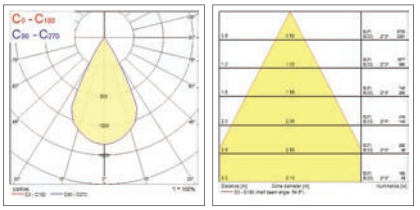
Beacon Muse II

- Unique adjustability using soft-touch ring, enables beam control from a tight 8° spot to a 55° flood
- Super high colour rendering index, Ra 97 typical with R9 value (saturated reds) at 90; ideal for museum and gallery applications
- Up to 1,081lm focussed at 55 degree beam
- Trailing Edge, on-board dimming potentiometer, DALI or SylSmart Scene Setting versions available. Silver versions on request
- For mounting on L1 1-circuit track (Lytespan 1) or L3 3-circuit track (Lytespan 3)
- Available in 3,000K or 4,000K colour temperatures
- Snap fit accessories (Elongation lens, Softener lens, Honeycomb filter, Barn door and Snoot)
- Monopoint accessory available for surface mounting
- IR/UV free light source without heat radiation
- Long lifetime: >72,000 hours life at L80B10

LIGHT SOURCE INCLUDED



8° Spot



55° Flood

Trailing edge dimmable - 21W

Code	Description	Colour
2059730	MUSE II 97 3K L1 TE BLK	Black
2059731	MUSE II 97 3K L1 TE WHT	White
2059742	MUSE II 97 3K L3 TE BLK	Black
2059743	MUSE II 97 3K L3 TE WHT	White

On-board dimming - 21W

Code	Description	Colour
2059732	MUSE II 97 3K L1 OB BLK	Black
2059733	MUSE II 97 3K L1 OB WHT	White
2059744	MUSE II 97 3K L3 OB BLK	Black
2059745	MUSE II 97 3K L3 OB WHT	White

SylSmart remote dimming - 21W

Code	Description	Colour
2059734	MUSE II 97 3K L1 SSC01 BLK	Black
2059735	MUSE II 97 3K L1 SSC01 WHT	White
2059748	MUSE II 97 3K L3 SSC01 BLK	Black
2059749	MUSE II 97 3K L3 SSC01 WHT	White

DALI Dimmable - 21W

Code	Description	Colour
2059746	MUSE II 97 3K L3+DALI BLK	Black
2059747	MUSE II 97 3K L3+DALI WHT	White

Legend: MUSE II = Beacon MUSE II; TE = Trailing Edge dimmable; OB = On-Board dimming; SSC01 = SylSmart dimming; L1 = Lytespan 1-circuit; L3 = Lytespan 3-circuit; WHT = WHiTe; BLK = BLacK

Accessories

Code	Description
2059758	BEACON SNOOT BLK
2059759	MUSE II SOFTENER LENS
2059760	MUSE II ELONGATION LENS
2059761	MUSE II HONEYCOMB BLK
2052940	BEACON BARN DOOR BLK
3020010	MONOPOINT L3 WHITE
3020080	MONOPOINT L3 BLACK

Elongation Lens

Softener Lens

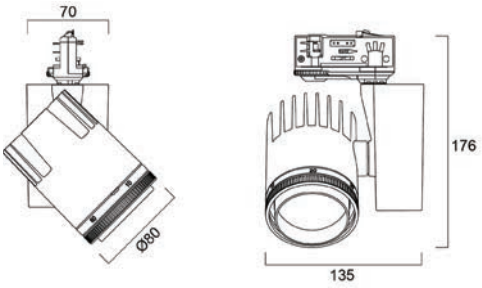
Honeycomb Filter

Snoot

Barn Doors

Monopoint Black

Monopoint White



Dimensions (mm)

- Unique adjustability using soft-touch ring, enables beam control from a tight 8° spot to a 55° flood
- Super high colour rendering index, Ra 97 typical with R9 value (saturated reds) at 90; ideal for museum and gallery applications
- Up to 1,150lm focussed at 55 degree beam
- Trailing Edge, on-board dimming potentiometer, DALI or SylSmart Scene Setting versions available. Silver versions on request
- For mounting on L1 1-circuit track (Lytespan 1) or L3 3-circuit track (Lytespan 3)
- Available in 3,000K or 4,000K colour temperatures
- Snap fit accessories (Elongation lens, Softener lens, Honeycomb filter, Barn door and Snoot)
- Monopoint accessory available for surface mounting
- IR/UV free light source without heat radiation
- Long lifetime: >72,000 hours life at L80B10

LIGHT SOURCE INCLUDED

Trailing edge dimmable - 21W

Code	Description	Colour
2059736	MUSE II 97 4K L1 TE BLK	Black
2059737	MUSE II 97 4K L1 TE WHT	White
2059750	MUSE II 97 4K L3 TE BLK	Black
2059751	MUSE II 97 4K L3 TE WHT	White

On-board dimming - 21W

Code	Description	Colour
2059738	MUSE II 97 4K L1 OB BLK	Black
2059739	MUSE II 97 4K L1 OB WHT	White
2059752	MUSE II 97 4K L3 OB BLK	Black
2059753	MUSE II 97 4K L3 OB WHT	White

SylSmart remote dimming - 21W

Code	Description	Colour
2059740	MUSE II 97 4K L1 SSC01 BLK	Black
2059741	MUSE II 97 4K L1 SSC01 WHT	White
2059756	MUSE II 97 4K L3 SSC01 BLK	Black
2059757	MUSE II 97 4K L3 SSC01 WHT	White

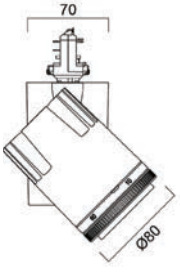
DALI Dimmable - 21W

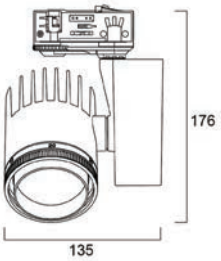
Code	Description	Colour
2059754	MUSE II 97 4K L3+DALI BLK	Black
2059755	MUSE II 97 4K L3+DALI WHT	White

Legend: MUSE II = Beacon MUSE II; TE = Trailing Edge dimmable; OB = On-Board dimming; SSC01 = SylSmart Scene Setting; L1 = Lytespan 1-circuit; L3 = Lytespan 3-circuit; WHT = WHiTe; BLK = BLacK

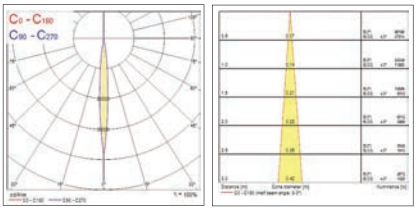
Accessories

Code	Description
2059758	BEACON SNOOT BLK
2059759	MUSE II SOFTENER LENS
2059760	MUSE II ELONGATION LENS
2059761	MUSE II HONEYCOMB BLK
2052940	BEACON BARN DOOR BLK
3020010	MONOPOINT L3 WHITE
3020080	MONOPOINT L3 BLACK

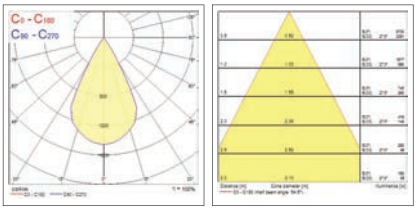




Dimensions (mm)



8° Spot



55° Flood

Elongation Lens

Softener Lens

Honeycomb Filter

Snoot

Barn Doors

Monopoint Black

Monopoint White

Mazda, Langenthal, Switzerland

Beacon XXL is set to revolutionise retail and display lighting. A performance powerhouse, Beacon XXL can deliver an impressive output of up to 5,762lm and a high quality, high intensity lit effect. A variety of CRIs, colour temperature and dimming options make the Beacon XXL the perfect LED replacement for traditional 70W CMI solutions.

Beacon XXL

Narrow Beam - Black

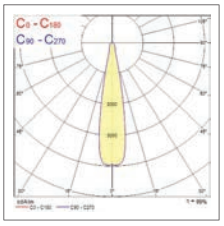
Medium Beam - Black

Wide Beam - Black

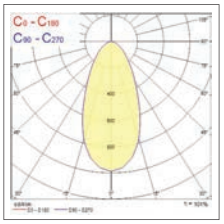
On board dimming

- Beacon XXL is an LED replacement for traditional 70W CMI spotlights, with an impressive output of up to 5,118 fixture lumens from 48W power
- 4,000K Narrow Beam 4,346lm, Medium Beam 4,122lm, Wide Beam 5,118lm
- Ideal for double height spaces, retail and display applications
- High colour rendering index, Ra 93 typical
- Available in 3,000K or 4,000K colour temperatures
- Non dimmable, On-board dimming and DALI versions available
- Narrow (21°), Medium (50°) or Wide (67°) beam options
- For mounting on 3-circuit track (Lytespan 3)
- White or Black paint finishes as standard. Silver available on request
- Barn doors, Elongation lens, Honeycomb and Snoot accessories available
- IR/UV free light source without heat radiation
- Long lifetime: 50,000 hours life at 70% of the original output (L70)

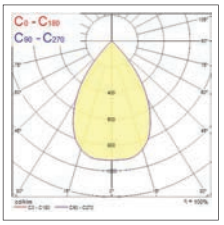
LIGHT SOURCE INCLUDED



4,000K - Narrow Beam



4,000K, Medium Beam



4,000K, Wide beam

3,000K

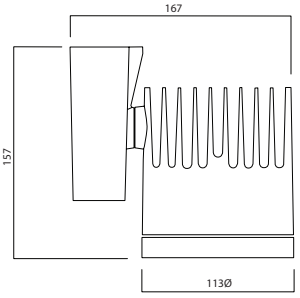
Code	Description	Colour
21° Narrow Beam		
2092990	BCON XXL NB 3K L3 BLK	Black
2092991	BCON XXL NB 3K L3 WHT	White
2092992	BCON XXL NB O/B DIM 3K L3 BLK	Black
2092993	BCON XXL NB O/B DIM 3K L3 WHT	White
2092994	BCON XXL NB DALI 3K L3 BLK	Black
2092995	BCON XXL NB DALI 3K L3 WHT	White
50° Medium Beam		
2093004	BCON XXL MB 3K L3 BLK	Black
2093005	BCON XXL MB 3K L3 WHT	White
2093006	BCON XXL MB O/B DIM 3K L3 BLK	Black
2093007	BCON XXL MB O/B DIM 3K L3 WHT	White
2093008	BCON XXL MB DALI 3K L3 BLK	Black
2093009	BCON XXL MB DALI 3K L3 WHT	White
67° Wide Beam		
2093018	BCON XXL WB 3K L3 BLK	Black
2093019	BCON XXL WB 3K L3 WHT	White
2093020	BCON XXL WB O/B DIM 3K L3 BLK	Black
2093021	BCON XXL WB O/B DIM 3K L3 WHT	White
2093022	BCON XXL WB DALI 3K L3 BLK	Black
2093023	BCON XXL WB DALI 3K L3 WHT	White

4,000K

Code	Description	Colour
21° Narrow Beam		
2093032	BCON XXL NB 4K L3 BLK	Black
2093033	BCON XXL NB 4K L3 WHT	White
2093034	BCON XXL NB O/B DIM 4K L3 BLK	Black
2093035	BCON XXL NB O/B DIM 4K L3 WHT	White
2093036	BCON XXL NB DALI 4K L3 BLK	Black
2093037	BCON XXL NB DALI 4K L3 WHT	White
50° Medium Beam		
2093046	BCON XXL MB 4K L3 BLK	Black
2093047	BCON XXL MB 4K L3 WHT	White
2093048	BCON XXL MB O/B DIM 4K L3 BLK	Black
2093049	BCON XXL MB O/B DIM 4K L3 WHT	White
2093050	BCON XXL MB DALI 4K L3 BLK	Black
2093051	BCON XXL MB DALI 4K L3 WHT	White
67° Wide Beam		
2093060	BCON XXL WB 4K L3 BLK	Black
2093061	BCON XXL WB 4K L3 WHT	White
2093062	BCON XXL WB O/B DIM 4K L3 BLK	Black
2093063	BCON XXL WB O/B DIM 4K L3 WHT	White
2093064	BCON XXL WB DALI 4K L3 BLK	Black
2093065	BCON XXL WB DALI 4K L3 WHT	White

Legend: BCON = Beacon; NB = Narrow Beam; MB = Medium Beam; WB = Wide Beam; HO = High Output; O/B DIM = On-Board DIMming; L3 = Lytespan 3 track; WHT = WHiTe; BLK = BLacK

Beacon XXL



Dimensions (mm)

Narrow Beam - White

Medium Beam - White

Wide Beam - White

- Beacon XXL High Output is an LED replacement for traditional 70W CMI spotlights, with an impressive output of up to 5,762 fixture lumens from 48W power
- 4,000K Narrow Beam 5,128lm, Medium Beam 4,884lm, Wide Beam 5,762lm
- Ideal for double height spaces, retail and display applications
- High colour rendering index, Ra 85 typical
- Available in 3,000K or ,4000K colour temperatures
- Narrow (21°), Medium (50°) or Wide (67°) beam options
- For mounting on 3-circuit track (Lytespan 3)
- White or Black paint finishes as standard. Silver available on request
- Barn doors, Elongation lens, Honeycomb and Snoot accessories available
- IR/UV free light source without heat radiation
- Long lifetime: 50,000 hours life at 70% of the original output (L70)

LIGHT SOURCE INCLUDED

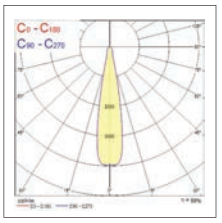
3,000K - High Output

Code	Description	Colour
21° Narrow Beam		
2059307	BCON XXL NB HO 3K L3 BLK	Black
2059308	BCON XXL NB HO 3K L3 WHT	White
50° Medium Beam		
2059311	BCON XXL MB HO 3K L3 BLK	Black
2059312	BCON XXL MB HO 3K L3 WHT	White
67° Wide Beam		
2059315	BCON XXL WB HO 3K L3 BLK	Black
2059316	BCON XXL WB HO 3K L3 WHT	White

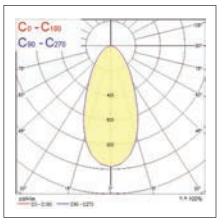
4,000K - High Output

Code	Description	Colour
21° Narrow Beam		
2059309	BCON XXL NB HO 4K L3 BLK	Black
2059310	BCON XXL NB HO 4K L3 WHT	White
50° Medium Beam		
2059313	BCON XXL MB HO 4K L3 BLK	Black
2059314	BCON XXL MB HO 4K L3 WHT	White
67° Wide Beam		
2059317	BCON XXL WB HO 4K L3 BLK	Black
2059318	BCON XXL WB HO 4K L3 WHT	White

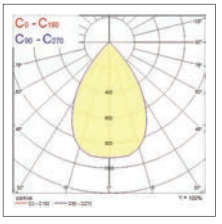
Legend: BCON = Beacon; NB = Narrow Beam; MB = Medium Beam; WB = Wide Beam; HO = High Output; L3 = Lytespan 3 track; WHT = WHiTe; BLK = BLacK



4,000K - Narrow Beam - High Output

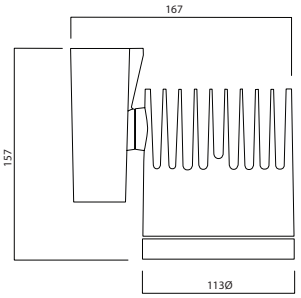


4,000K - Medium Beam - High Output



4,000K - Wide Beam - High Output

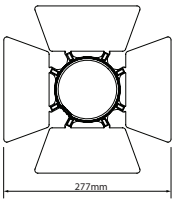
Beacon XXL



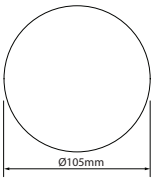
Dimensions (mm)

Elephane Paname, Paris, France

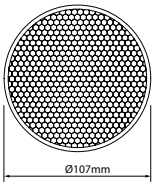
Accessories

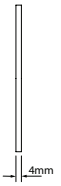


Barn Doors

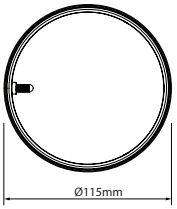


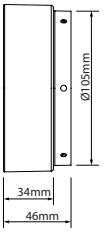
Elongation Lens





Honeycomb





Snoot

Dimensions (mm)

Accessories

Code	Description
2058323	Beacon XXL Barn Doors BLK
2058324	Beacon XXL Elongation Lens
2058325	Beacon XXL Honeycomb BLK
2058326	Beacon XXL Snoot BLK

York Minster, U.K.

Beacon XL is one of the latest editions to Concord's award-winning Beacon family. This impressive LED spotlight pushes the boundaries of technology to provide up to 3300 fixture lumens at 42 Watts. Design specifically for shop and display applications, the stylish Beacon XL replaces CMI-T (HID) luminaires and delivers a CRI of 85 (CRI of 97 available on request). Available in black and white, track (L1 / L3) and surface mounted options - 3,000K or 4,000K. Dependent upon your application a variety of beam angles: 12˚ narrow, 25˚ medium and 50˚ wide beams are standard. Beacon XL is also available in non-dimmable, on-board dimming and DALI dimming models.

Beacon XL

- A comprehensive range of high quality accent LED spotlights; ideal for museum and gallery applications
- 3,000K Wide Beam 2,275lm, 4,000K Wide beam 2,478lm
- 3,000K Narrow Beam 1,675lm, 4,000K Narrow Beam 1,827lm
- Super high colour rendering with CRI 97 typical; with R9 value at 90
- Low glare, dark-light detail for increased accentuation and visual comfort
- Intense Narrow (14°), Medium (33°) and Wide (44°) beam options
- Dimming via On-board potentiometer
- For mounting on 3-circuit track (Lytespan 3)
- Available in 3000K or 4000K colour temperatures
- White or Black paint finish as standard. Silver available on request
- Accessories available (Elongation lens, Honeycomb filter, Barn door and Snoot)
- IR/UV free light source without heat radiation
- Long lifetime: >72,000 hours life at L80B10

LIGHT SOURCE INCLUDED

IP20 · 355° · 90° · 1m

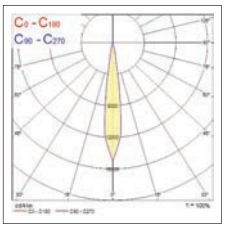
Beacon XL Accent - 97 CRI - 3000K

Code	Description	Colour
Narrow Beam Three Circuit		
2059568	BCON XL ACT97 3K NB L3 OB BLK	Black
2059569	BCON XL ACT97 3K NB L3 OB WHT	White
Medium Beam Three Circuit		
2059570	BCON XL ACT97 3K MB L3 OB BLK	Black
2059571	BCON XL ACT97 3K MB L3 OB WHT	White
Wide Beam Three Circuit		
2059572	BCON XL ACT97 3K WB L3 OB BLK	Black
2059573	BCON XL ACT97 3K WB L3 OB WHT	White

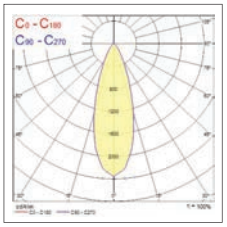
Beacon XL Accent - 97 CRI - 4000K

Code	Description	Colour
Narrow Beam Three Circuit		
2059576	BCON XL ACT97 4K NB L3 OB BLK	Black
2059577	BCON XL ACT97 4K NB L3 OB WHT	White
Medium Beam Three Circuit		
2059574	BCON XL ACT97 4K MB L3 OB BLK	Black
2059575	BCON XL ACT97 4K MB L3 OB WHT	White
Wide Beam Three Circuit		
2059578	BCON XL ACT97 4K WB L3 OB BLK	Black
2059579	BCON XL ACT97 4K WB L3 OB WHT	White

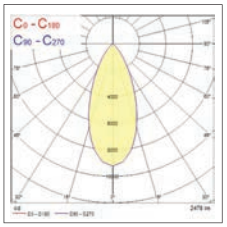
Legend: BCON = BeaCON; ACT = ACcenT; NB = Narrow Beam; MB = Medium Beam; WB = Wide Beam; L3 = Lytespan 3-circuit; OB = On-Board dimming; WHT = WHiTe; BLK = BLacK



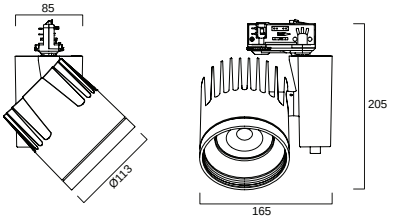
Intense Narrow Beam



Medium Beam



Wide Beam



Dimensions (mm)

Accessories

Elongation Lens

Honeycomb Filter

Snoot

Barn Doors

Monopoint Black

Monopoint White

Accessories

Code	Description
2058324	BCON XL/XXL ELONGATION LENS
2058325	BCON XL/XXL HONEYCOMB BLK
2058326	BCON XL/XXL SNOOT BLK
2058323	BCON XL/XXL BARN DOOR BLK
3020010	MONOPOINT L3 WHITE
3020080	MONOPOINT L3 BLACK

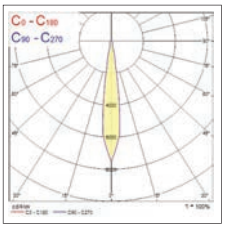
- A comprehensive range of efficient and high performing LED spotlights; ideal for retail and display applications
- 3,000K upto 3,103lm output
- High colour rendering with CRI 93 typical
- High output versions also available with CRI 85 typical
- Narrow (15°), Medium (34°) and Wide (50°) beam options
- Non-dimmable, On-board dimming potentiometer or DALI versions available
- For mounting on 3-circuit track (Lytespan 3)
- Available in 3,000K or 4,000K colour temperatures
- White or Black paint finish as standard. Silver available on request
- Accessories available (Elongation lens, Honeycomb filter, Barn door and Snoot)
- IR/UV free light source without heat radiation
- Long lifetime: >72,000 hours life at L80B10

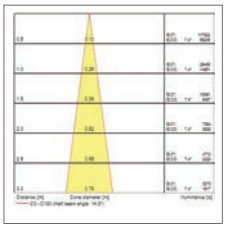
LIGHT SOURCE INCLUDED

Beacon XL - 93 CRI - 3,000K

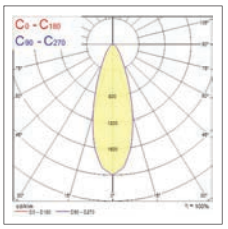
Code	Description	Colour
Narrow Beam Three Circuit		
2059676	BCON XL 93 3K NB L3 BLK	Black
2059677	BCON XL 93 3K NB L3 WHT	White
2059678	BCON XL 93 3K NB L3 OB BLK	Black
2059679	BCON XL 93 3K NB L3 OB WHT	White
2059680	BCON XL 93 3K NB L3+DALI BLK	Black
2059681	BCON XL 93 3K NB L3+DALI WHT	White
Medium Beam Three Circuit		
2059682	BCON XL 93 3K MB L3 BLK	Black
2059683	BCON XL 93 3K MB L3 WHT	White
2059684	BCON XL 93 3K MB L3 OB BLK	Black
2059685	BCON XL 93 3K MB L3 OB WHT	White
2059686	BCON XL 93 3K MB L3+DALI BLK	Black
2059687	BCON XL 93 3K MB L3+DALI WHT	White
Wide Beam Three Circuit		
2059688	BCON XL 93 3K WB L3 BLK	Black
2059689	BCON XL 93 3K WB L3 WHT	White
2059690	BCON XL 93 3K WB L3 OB BLK	Black
2059691	BCON XL 93 3K WB L3 OB WHT	White
2059692	BCON XL 93 3K WB L3+DALI BLK	Black
2059693	BCON XL 93 3K WB L3+DALI WHT	White

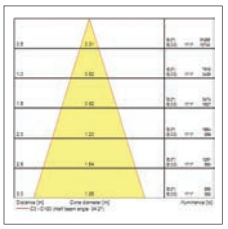
Legend: BCON XL = BeaCON XL; NB = Narrow Beam; MB = Medium Beam; WB = Wide Beam; L3 = Lytespan 3-circuit; OB = On-Board dimming; WHT = WHiTe; BLK = BLacK



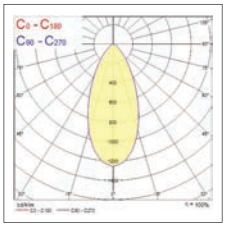


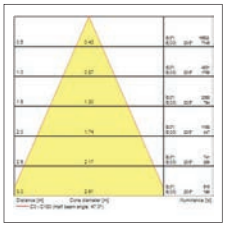
Narrow Beam



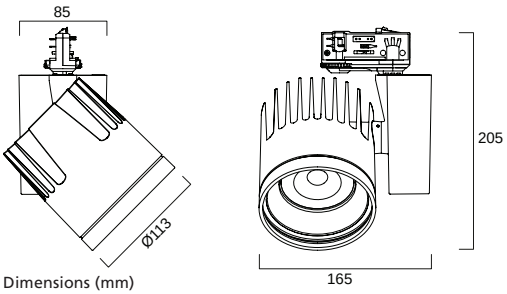


Medium Beam





Wide Beam



Dimensions (mm)

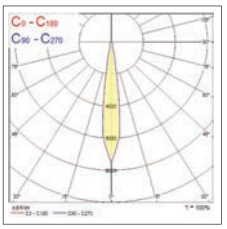
- A comprehensive range of efficient and high performing LED spotlights; ideal for retail and display applications
- 4,000K upto 3,312lm output
- High colour rendering with CRI 93 typical
- High output versions also available with CRI 85 typical
- Narrow (15°), Medium (34°) and Wide (50°) beam options
- Non-dimmable, On-board dimming potentiometer or DALI versions available
- For mounting on 3-circuit track (Lytespan 3)
- Available in 3,000K or 4,000K colour temperatures
- White or Black paint finish as standard. Silver available on request
- Accessories available (Elongation lens, Honeycomb filter, Barn door and Snoot)
- IR/UV free light source without heat radiation
- Long lifetime: >72,000 hours life at L80B10

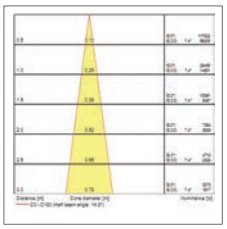
LIGHT SOURCE INCLUDED

Beacon XL - 93 CRI - 4000K

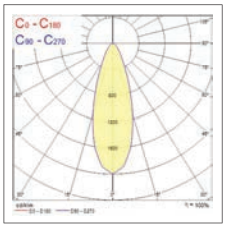
Code	Description	Colour
Narrow Beam Three Circuit		
2059694	BCON XL 93 4K NB L3 BLK	Black
2059695	BCON XL 93 4K NB L3 WHT	White
2059696	BCON XL 93 4K NB L3 OB BLK	Black
2059697	BCON XL 93 4K NB L3 OB WHT	White
2059698	BCON XL 93 4K NB L3+DALI BLK	Black
2059699	BCON XL 93 4K NB L3+DALI WHT	White
Medium Beam Three Circuit		
2059700	BCON XL 93 4K MB L3 BLK	Black
2059701	BCON XL 93 4K MB L3 WHT	White
2059702	BCON XL 93 4K MB L3 OB BLK	Black
2059703	BCON XL 93 4K MB L3 OB WHT	White
2059704	BCON XL 93 4K MB L3+DALI BLK	Black
2059705	BCON XL 93 4K MB L3+DALI WHT	White
Wide Beam Three Circuit		
2059706	BCON XL 93 4K WB L3 BLK	Black
2059707	BCON XL 93 4K WB L3 WHT	White
2059708	BCON XL 93 4K WB L3 OB BLK	Black
2059709	BCON XL 93 4K WB L3 OB WHT	White
2059710	BCON XL 93 4K WB L3+DALI BLK	Black
2059711	BCON XL 93 4K WB L3+DALI WHT	White

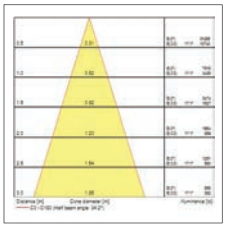
Legend: BCON XL = BeaCON XL; NB = Narrow Beam; MB = Medium Beam; WB = Wide Beam; L3 = Lytespan 3-circuit; OB = On-Board dimming; WHT = WHiTe; BLK = BLacK



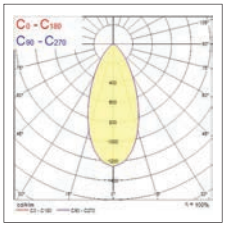


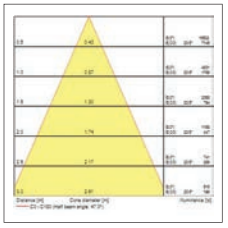
Narrow Beam



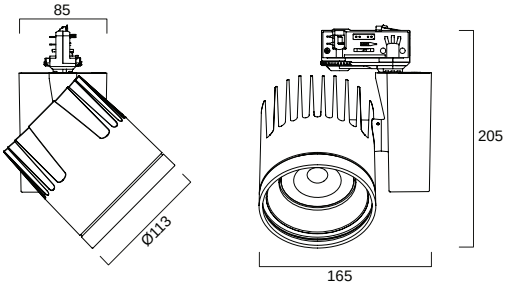


Medium Beam





Wide Beam



Dimensions (mm)

- A comprehensive range of high output, efficient and high performing LED spotlights; ideal for retail and display applications
- 3,000K upto 3,805lm output, 4,000K upto 3,911lm
- High output versions with CRI 85 typical
- Narrow (15°), Medium (34°) and Wide (50°) beam options
- For mounting on 3-circuit track (Lytespan 3)
- Available in 3,000K or 4,000K colour temperatures
- White or Black paint finish as standard. Silver available on request
- Accessories available (Elongation lens, Honeycomb filter, Barn door and Snoot)
- IR/UV free light source without heat radiation
- Long lifetime: >72,000 hours life at L80B10

LIGHT SOURCE INCLUDED

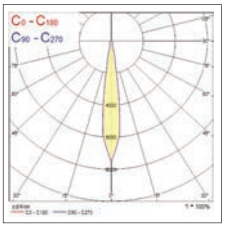
Beacon XL (High Output) - 85 CRI - 3000K

Code	Description	Colour
Narrow Beam Three Circuit		
2059712	BCON XL 85 3K NB L3 BLK	Black
2059713	BCON XL 85 3K NB L3 WHT	White
Medium Beam Three Circuit		
2059714	BCON XL 85 3K MB L3 BLK	Black
2059715	BCON XL 85 3K MB L3 WHT	White
Wide Beam Three Circuit		
2059716	BCON XL 85 3K WB L3 BLK	Black
2059717	BCON XL 85 3K WB L3 WHT	White

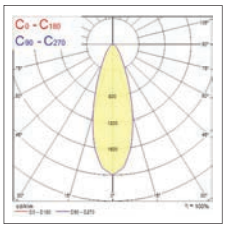
Beacon XL (High Output) - 85 CRI - 4000K

Code	Description	Colour
Narrow Beam Three Circuit		
2059718	BCON XL 85 4K NB L3 BLK	Black
2059719	BCON XL 85 4K NB L3 WHT	White
Medium Beam Three Circuit		
2059720	BCON XL 85 4K MB L3 BLK	Black
2059721	BCON XL 85 4K MB L3 WHT	White
Wide Beam Three Circuit		
2059722	BCON XL 85 4K WB L3 BLK	Black
2059723	BCON XL 85 4K WB L3 WHT	White

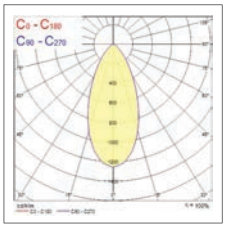
Legend: BCON XL = BeaCON XL; NB = Narrow Beam; MB = Medium Beam; WB = Wide Beam; L3 = Lytespan 3-circuit; OB = On-Board dimming; WHT = WHiTe; BLK = BLacK



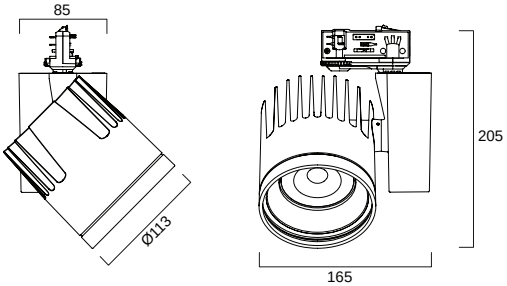
Narrow Beam



Medium Beam



Wide Beam



Dimensions (mm)

Accessories

Elongation Lens

Honeycomb Filter

Snoot

Barn Doors

Monopoint Black

Monopoint White

Accessories

Code	Description
2058324	BCON XL/XXL ELONGATION LENS
2058325	BCON XL/XXL HONEYCOMB BLK
2058326	BCON XL/XXL SNOOT BLK
2058323	BCON XL/XXL BARN DOOR BLK
3020010	MONOPOINT L3 WHITE
3020080	MONOPOINT L3 BLACK

Design Museum, London, UK

From Concord's award-winning Beacon Family, we present Beacon Accent. This range of LED spotlights has been specifically designed for museums, galleries and high-end retail where colour rendition plays an important and active role.

With a super high CRI of 97 and the R9 value (saturated red) at 90; the Beacon Accent range ensures for truer, richer and more vibrant colours.

The addition of the dark-light detail helps to reduce glare and increase visual comfort. Available in 3000K and 4000K CCT's, dimming via an on-board potentiometer and a choice of 3 beam angles – Intense Narrow, Medium and Wide.

Beacon Accent II

- A comprehensive range of high quality accent LED spotlights; ideal for museum and gallery applications
- 3,000K 1,451lm wide beam, 4,000K 1,578lm wide beam
- 3,000K 503lm narrow beam, 4,000K 576lm narrow beam
- Super high colour rendering with CRI 97 typical; with R9 value at 90
- Low glare, dark-light detail for increased accentuation and visual comfort
- Intense Narrow (10°), Medium (37°) and Wide (52°) beam options
- Dimming via On-board potentiometer
- For mounting on 1-circuit track (Lytespan 1) or 3-circuit track (Lytespan 3)
- Available in 3000K or 4000K colour temperatures
- White or Black paint finish as standard. Silver available on request
- Accessories available (Elongation lens, Softner lens, Honeycomb filter, Barn door and Snoot)
- IR/UV free light source without heat radiation
- Long lifetime: >72,000 hours life at L80B10

LIGHT SOURCE INCLUDED

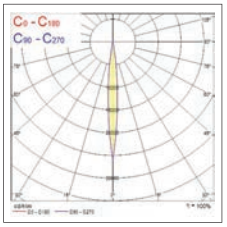
Beacon Accent - 97 CRI - 3000K

Code	Description	Colour
Narrow Beam Single Circuit		
2059544	BCON ACT97 3K NB L1 OB BLK	Black
2059545	BCON ACT97 3K NB L1 OB WHT	White
Medium Beam Single Circuit		
2059546	BCON ACT97 3K MB L1 OB BLK	Black
2059547	BCON ACT97 3K MB L1 OB WHT	White
Wide Beam Single Circuit		
2059548	BCON ACT97 3K WB L1 OB BLK	Black
2059549	BCON ACT97 3K WB L1 OB WHT	White
Narrow Beam Three Circuit		
2059556	BCON ACT97 3K NB L3 OB BLK	Black
2059557	BCON ACT97 3K NB L3 OB WHT	White
Medium Beam Three Circuit		
2059558	BCON ACT97 3K MB L3 OB BLK	Black
2059559	BCON ACT97 3K MB L3 OB WHT	White
Wide Beam Three Circuit		
2059560	BCON ACT97 3K WB L3 OB BLK	Black
2059561	BCON ACT97 3K WB L3 OB WHT	White

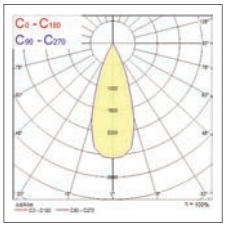
Beacon Accent - 97 CRI - 4000K

Code	Description	Colour
Narrow Beam Single Circuit		
2059550	BCON ACT97 4K NB L1 OB BLK	Black
2059551	BCON ACT97 4K NB L1 OB WHT	White
Medium Beam Single Circuit		
2059552	BCON ACT97 4K MB L1 OB BLK	Black
2059553	BCON ACT97 4K MB L1 OB WHT	White
Wide Beam Single Circuit		
2059554	BCON ACT97 4K WB L1 OB BLK	Black
2059555	BCON ACT97 4K WB L1 OB WHT	White
Narrow Beam Three Circuit		
2059562	BCON ACT97 4K NB L3 OB BLK	Black
2059563	BCON ACT97 4K NB L3 OB WHT	White
Medium Beam Three Circuit		
2059564	BCON ACT97 4K MB L3 OB BLK	Black
2059565	BCON ACT97 4K MB L3 OB WHT	White
Wide Beam Three Circuit		
2059566	BCON ACT97 4K WB L3 OB BLK	Black
2059567	BCON ACT97 4K WB L3 OB WHT	White

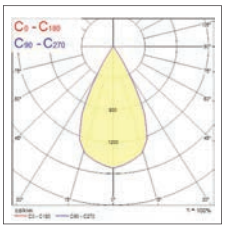
Legend: BCON = BeaCON; ACT = ACcenT; NB = Narrow Beam; MB = Medium Beam; WB = Wide Beam; L1 = Lytespan 1-circuit; L3 = Lytespan 3-circuit; OB = On-Board dimming; WHT = WHiTe; BLK = BLacK



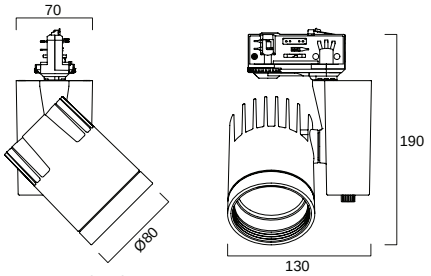
Intense Narrow Beam



Medium Beam



Wide Beam



Dimensions (mm)

Accessories

Elongation Lens

Softner Lens

Honeycomb Filter

Snoot

Barn Doors

Monopoint Black

Monopoint White

Accessories

Code	Description
2059772	BEACON ELONGATION LENS
2059774	BEACON SOFTNER LENS
2059773	BEACON HONEYCOMB
2059758	BEACON SNOOT
2052940	BEACON BARN DOORS
3020010	MONOPOINT L3 WHITE
3020080	MONOPOINT L3 BLACK

St.William's Church, Bradford, UK

The Concord Beacon range of Spotlights is one of the most comprehensive on the market, providing complete versatility for display and accent lighting applications. Beacon introduces a timeless but contemporary all die-cast aluminium design based around simple geometric shapes offering a selection of beam angles and additional filters and accessories to complete the range.

The Beacon LED spotlight introduces a new lighting dimension to retail and display spaces. Beacon meets the tough demands of these environments by providing good colour rendering, zero UV/IR radiation, reduction in maintenance costs and an energy saving solution over existing lamp sources such as low voltage halogen.

Beacon II

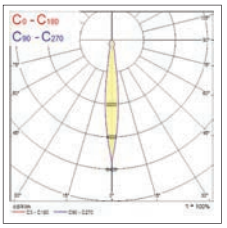
- A comprehensive range of efficient and high performing LED spotlights; ideal for retail and display applications
- 3000K 1,700lm wide beam, 1,512lm narrow beam
- High colour rendering with CRI 93 typical
- Narrow (12°), Medium (38°) and Wide (55°) beam options
- Trailing Edge (TE), On-board dimming potentiometer or DALI versions available
- For mounting on 1-circuit track (Lytespan 1) or 3-circuit track (Lytespan 3)
- Available in 3000K or 4000K colour temperatures
- White or Black paint finish as standard. Silver available on request
- Accessories available (Elongation lens, Softner lens, Honeycomb filter, Barn door and Snoot)
- IR/UV free light source without heat radiation
- Long lifetime: >72,000 hours life at L80B10

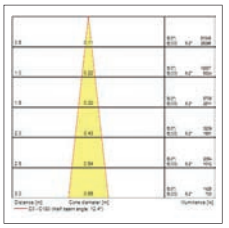
LIGHT SOURCE INCLUDED

Beacon - 93 CRI - 3,000K

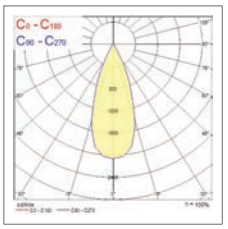
Code	Description	Colour
Narrow Beam Single Circuit		
2059580	BCON 93 3K NB L1 TE BLK	Black
2059581	BCON 93 3K NB L1 TE WHT	White
2059582	BCON 93 3K NB L1 OB BLK	Black
2059583	BCON 93 3K NB L1 OB WHT	White
Medium Beam Single Circuit		
2059586	BCON 93 3K MB L1 TE BLK	Black
2059587	BCON 93 3K MB L1 TE WHT	White
2059588	BCON 93 3K MB L1 OB BLK	Black
2059589	BCON 93 3K MB L1 OB WHT	White
Wide Beam Single Circuit		
2059592	BCON 93 3K WB L1 TE BLK	Black
2059593	BCON 93 3K WB L1 TE WHT	White
2059594	BCON 93 3K WB L1 OB BLK	Black
2059595	BCON 93 3K WB L1 OB WHT	White
Narrow Beam Three Circuit		
2059616	BCON 93 3K NB L3 TE BLK	Black
2059617	BCON 93 3K NB L3 TE WHT	White
2059618	BCON 93 3K NB L3 OB BLK	Black
2059619	BCON 93 3K NB L3 OB WHT	White
2059620	BCON 93 3K NB L3+DALI BLK	Black
2059621	BCON 93 3K NB L3+DALI WHT	White
Medium Beam Three Circuit		
2059622	BCON 93 3K MB L3 TE BLK	Black
2059623	BCON 93 3K MB L3 TE WHT	White
2059624	BCON 93 3K MB L3 OB BLK	Black
2059625	BCON 93 3K MB L3 OB WHT	White
2059626	BCON 93 3K MB L3+DALI BLK	Black
2059627	BCON 93 3K MB L3+DALI WHT	White
Wide Beam Three Circuit		
2059628	BCON 93 3K WB L3 TE BLK	Black
2059629	BCON 93 3K WB L3 TE WHT	White
2059630	BCON 93 3K WB L3 OB BLK	Black
2059631	BCON 93 3K WB L3 OB WHT	White
2059632	BCON 93 3K WB L3+DALI BLK	Black
2059633	BCON 93 3K WB L3+DALI WHT	White

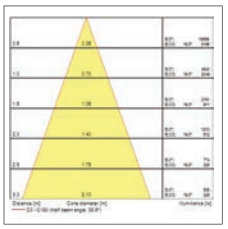
Legend: BCON = BeaCON; NB = Narrow Beam; MB = Medium Beam; WB = Wide Beam; L1 = Lytespan 1-circuit; L3 = Lytespan 3-circuit; TE = Trailing Edge dimmable; OB = On-Board dimming; WHT = WHiTe; BLK = BLacK



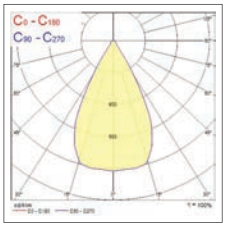


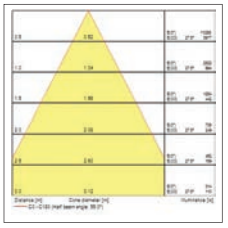
Narrow Beam



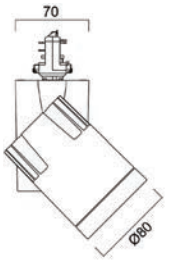


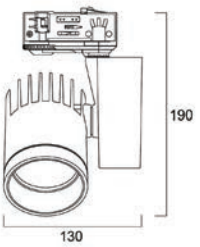
Medium Beam





Wide Beam





Dimensions (mm)

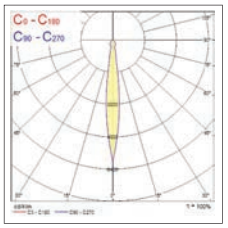
- A comprehensive range of efficient and high performing LED spotlights; ideal for retail and display applications
- 4000K 1,853lm wide beam, 1,669lm narrow beam
- High colour rendering with CRI 93 typical
- Narrow (12°), Medium (38°) and Wide (55°) beam options
- Trailing Edge, On-board dimming potentiometer or DALI versions available
- For mounting on 1-circuit track (Lytespan 1) or 3-circuit track (Lytespan 3)
- Available in 3000K or 4000K colour temperatures
- White or Black paint finish as standard. Other colours available on request.
- Accessories available (Elongation lens, Softner lens, Honeycomb filter, Barn door and Snoot)
- IR/UV free light source without heat radiation
- Long lifetime: >72,000 hours life at L80B10

LIGHT SOURCE INCLUDED

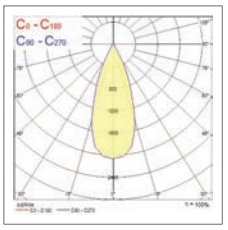
Beacon - 93 CRI - 4,000K

Code	Description	Colour
Narrow Beam Single Circuit		
2059598	BCON 93 4K NB L1 TE BLK	Black
2059599	BCON 93 4K NB L1 TE WHT	White
2059600	BCON 93 4K NB L1 OB BLK	Black
2059601	BCON 93 4K NB L1 OB WHT	White
Medium Beam Single Circuit		
2059604	BCON 93 4K MB L1 TE BLK	Black
2059605	BCON 93 4K MB L1 TE WHT	White
2059606	BCON 93 4K MB L1 OB BLK	Black
2059607	BCON 93 4K MB L1 OB WHT	White
Wide Beam Single Circuit		
2059610	BCON 93 4K WB L1 TE BLK	Black
2059611	BCON 93 4K WB L1 TE WHT	White
2059612	BCON 93 4K WB L1 OB BLK	Black
2059613	BCON 93 4K WB L1 OB WHT	White
Narrow Beam Three Circuit		
2059634	BCON 93 4K NB L3 TE BLK	Black
2059635	BCON 93 4K NB L3 TE WHT	White
2059636	BCON 93 4K NB L3 OB BLK	Black
2059637	BCON 93 4K NB L3 OB WHT	White
2059638	BCON 93 4K NB L3+DALI BLK	Black
2059639	BCON 93 4K NB L3+DALI WHT	White
Medium Beam Three Circuit		
2059640	BCON 93 4K MB L3 TE BLK	Black
2059641	BCON 93 4K MB L3 TE WHT	White
2059642	BCON 93 4K MB L3 OB BLK	Black
2059643	BCON 93 4K MB L3 OB WHT	White
2059644	BCON 93 4K MB L3+DALI BLK	Black
2059645	BCON 93 4K MB L3+DALI WHT	White
Wide Beam Three Circuit		
2059646	BCON 93 4K WB L3 TE BLK	Black
2059647	BCON 93 4K WB L3 TE WHT	White
2059648	BCON 93 4K WB L3 OB BLK	Black
2059649	BCON 93 4K WB L3 OB WHT	White
2059650	BCON 93 4K WB L3+DALI BLK	Black
2059651	BCON 93 4K WB L3+DALI WHT	White

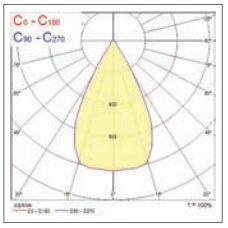
Legend: BCON = BeaCON; NB = Narrow Beam; MB = Medium Beam; WB = Wide Beam; L1 = Lytespan 1-circuit; L3 = Lytespan 3-circuit; TE = Trailing Edge dimmable; OB = On-Board dimming; WHT = WHiTe; BLK = BLacK



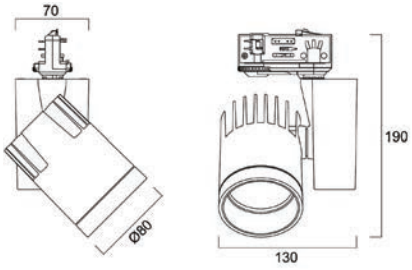
Narrow Beam



Medium Beam



Wide Beam



Dimensions (mm)

- A comprehensive range of high output, efficient and high performing LED spotlights; ideal for retail and display applications
- 3,000K 2,269lm wide beam, 2,013lm narrow beam
- 4,000K 2,301lm wide beam, 2,136lm narrow beam
- High output versions with CRI 85 typical
- Narrow (12°), Medium (38°) and Wide (55°) beam options
- Trailing Edge (TE)
- For mounting on 1-circuit track (Lytespan 1) or 3-circuit track (Lytespan 3)
- Available in 3000K or 4000K colour temperatures
- White or Black paint finish as standard. Silver available on request
- Accessories available (Elongation lens, Softner lens, Honeycomb filter, Barn door and Snoot)
- IR/UV free light source without heat radiation
- Long lifetime: >72,000 hours life at L80B10

LIGHT SOURCE INCLUDED

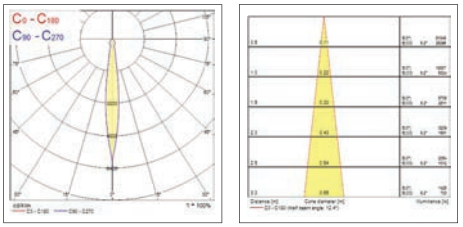
Beacon (High Output) - 85 CRI - 3000K

Code	Description	Colour
Narrow Beam Single Circuit		
2059652	BCON 85 3K NB L1 TE BLK	Black
2059653	BCON 85 3K NB L1 TE WHT	White
Medium Beam Single Circuit		
2059654	BCON 85 3K MB L1 TE BLK	Black
2059655	BCON 85 3K MB L1 TE WHT	White
Wide Beam Single Circuit		
2059656	BCON 85 3K WB L1 TE BLK	Black
2059657	BCON 85 3K WB L1 TE WHT	White
Narrow Beam Three Circuit		
2059664	BCON 85 3K NB L3 TE BLK	Black
2059665	BCON 85 3K NB L3 TE WHT	White
Medium Beam Three Circuit		
2059666	BCON 85 3K MB L3 TE BLK	Black
2059667	BCON 85 3K MB L3 TE WHT	White
Wide Beam Three Circuit		
2059668	BCON 85 3K WB L3 TE BLK	Black
2059669	BCON 85 3K WB L3 TE WHT	White

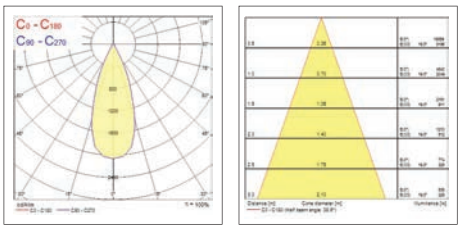
Beacon (High Output) - 85 CRI - 4000K

Code	Description	Colour
Narrow Beam Single Circuit		
2059658	BCON 85 4K NB L1 TE BLK	Black
2059659	BCON 85 4K NB L1 TE WHT	White
Medium Beam Single Circuit		
2059660	BCON 85 4K MB L1 TE BLK	Black
2059661	BCON 85 4K MB L1 TE WHT	White
Wide Beam Single Circuit		
2059662	BCON 85 4K WB L1 TE BLK	Black
2059663	BCON 85 4K WB L1 TE WHT	White
Narrow Beam Three Circuit		
2059670	BCON 85 4K NB L3 TE BLK	Black
2059671	BCON 85 4K NB L3 TE WHT	White
Medium Beam Three Circuit		
2059672	BCON 85 4K MB L3 TE BLK	Black
2059673	BCON 85 4K MB L3 TE WHT	White
Wide Beam Three Circuit		
2059674	BCON 85 4K WB L3 TE BLK	Black
2059675	BCON 85 4K WB L3 TE WHT	White

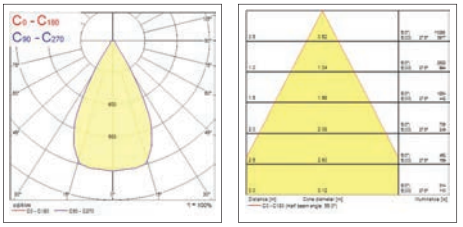
Legend: BCON = BeaCON; NB = Narrow Beam; MB = Medium Beam; WB = Wide Beam; L1 = Lytespan 1-circuit; L3 = Lytespan 3-circuit; TE = Trailing Edge dimmable; WHT = WHiTe; BLK = BLacK



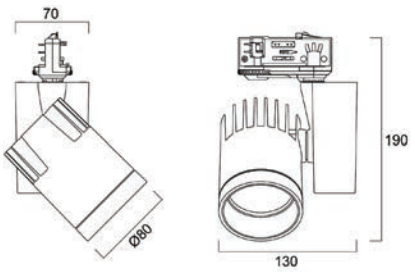
Narrow Beam



Medium Beam



Wide Beam



Dimensions (mm)

Accessories

Elongation Lens

Softner Lens

Honeycomb Filter

Snoot

Barn Doors

Monopoint Black

Monopoint White

Accessories

Code	Description
2059772	BEACON ELONGATION LENS
2059774	BEACON SOFTNER LENS
2059773	BEACON HONEYCOMB
2059758	BEACON SNOOT
2052940	BEACON BARN DOORS
3020010	MONOPOINT L3 WHITE
3020080	MONOPOINT L3 BLACK

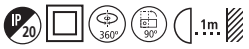
Beacon Minor II - Spot

Spot L3 Track

Spot L3 Track

- Beacon Mains II is a compact mains voltage LED spotlight family ideal for retail and shop lighting applications
- Using the latest generation AC LED means no visible driver box and a smaller head for a cleaner look-and-feel
- 25 deg Spot versions 916lm, 92lm/W
- Colour Rendering index >80
- Phase dimmable (see list of compatible dimmers)
- For mounting on 1-circuit track (Lytespan 1) or 3-circuit track (Lytespan 3)
- Available in 3000K or 4000K colour temperatures
- Monopoint accessory available for surface mounting
- IR/UV free light source without heat radiation
- Long lifetime: 50,000 hours life at L70B50

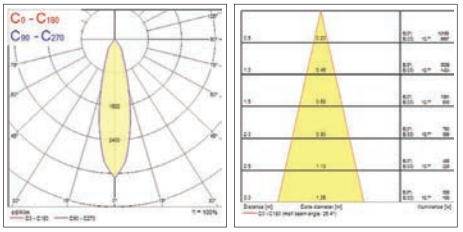
LIGHT SOURCE INCLUDED



Beacon Minor II Spot

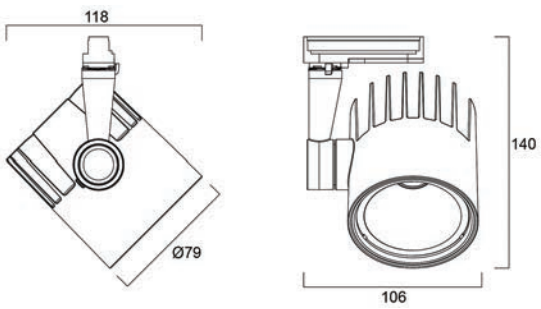
Code	Description	Colour
Beacon Minor II - 80 CRI - 3,000K		
2059860	BEACON MINOR II 3K SPT L1 WHT	White
2059861	BEACON MINOR II 3K SPT L1 BLK	Black
2059868	BEACON MINOR II 3K SPT L3 WHT	White
2059869	BEACON MINOR II 3K SPT L3 BLK	Black
Beacon Minor II - 80 CRI - 4,000K		
2059862	BEACON MINOR II 4K SPT L1 WHT	White
2059863	BEACON MINOR II 4K SPT L1 BLK	Black
2059870	BEACON MINOR II 4K SPT L3 WHT	White
2059871	BEACON MINOR II 4K SPT L3 BLK	Black

L1 = Single Circuit Track; L3 = Three Circuit Track

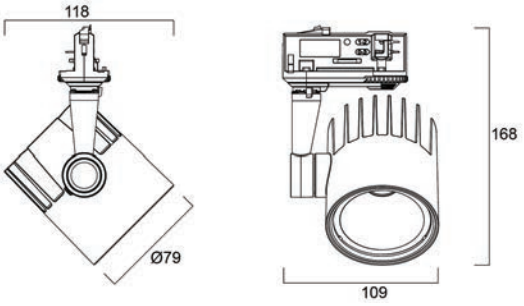


Beacon Minor II - Spot

Single Circuit (L1)



Three Circuit (L3)



Dimensions (mm)

Flood L3 Track

Flood L3 Track

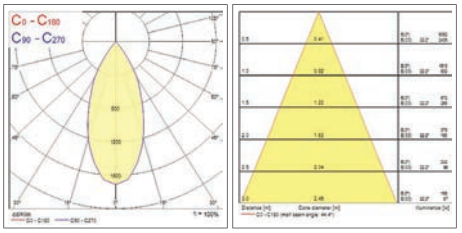
- Beacon Mains II is a compact mains voltage LED spotlight family ideal for retail and shop lighting applications
- Using the latest generation AC LED means no visible driver box and a smaller head for a cleaner look-and-feel
- 44 deg Flood versions 886lm, 89lm/W
- Colour Rendering index >80
- Phase dimmable (see list of compatible dimmers)
- For mounting on 1-circuit track (Lytespan 1) or 3-circuit track (Lytespan 3)
- Available in 3000K or 4000K colour temperatures
- Monopoint accessory available for surface mounting
- IR/UV free light source without heat radiation
- Long lifetime: 50,000 hours life at L70B50

LIGHT SOURCE INCLUDED

Beacon Minor Flood

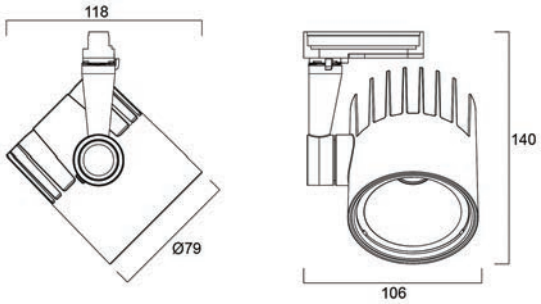
Code	Description	Colour
Beacon Minor Flood - 80 CRI - 3,000K		
2059864	BEACON MINOR II 3K FLD L1 WHT	White
2059865	BEACON MINOR II 3K FLD L1 BLK	Black
2059872	BEACON MINOR II 3K FLD L3 WHT	White
2059873	BEACON MINOR II 3K FLD L3 BLK	Black
Beacon Minor Flood - 80 CRI - 4,000K		
2059866	BEACON MINOR II 4K FLD L1 WHT	White
2059867	BEACON MINOR II 4K FLD L1 BLK	Black
2059874	BEACON MINOR II 4K FLD L3 WHT	White
2059875	BEACON MINOR II 4K FLD L3 BLK	Black

L1 = Single Circuit Track; L3 = Three Circuit Track

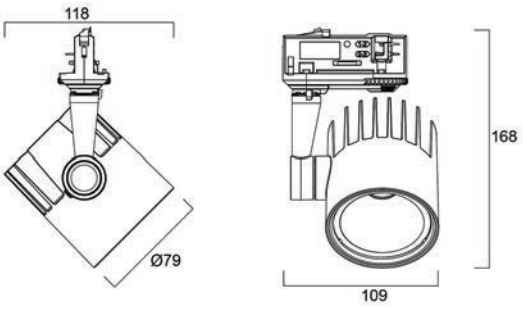


Beacon Minor II - Flood

Single Circuit (L1)



Three Circuit (L3)



Dimensions (mm)

Beacon Major II - Spot

L1/L3 Track - Spot White

L1/L3 Track - Spot White

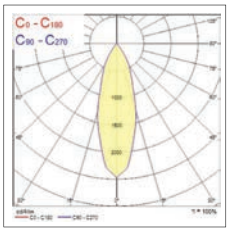
- Beacon Mains II is a compact mains voltage LED spotlight family ideal for retail and shop lighting applications
- Using the latest generation AC LED means no visible driver box and a smaller head for a cleaner look-and-feel
- 25 deg Spot versions 1,716lm, 90lm/W
- Colour Rendering index >80
- Phase dimmable (see list of compatible dimmers)
- For mounting on 1-circuit track (Lytespan 1) or 3-circuit track (Lytespan 3)
- Available in 3,000K or 4,000K colour temperatures
- Monopoint accessory available for surface mounting
- IR/UV free light source without heat radiation
- Long lifetime: 50,000 hours life at L70B50

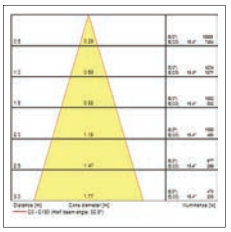
LIGHT SOURCE INCLUDED

Beacon Major II - 80 CRI - Spot

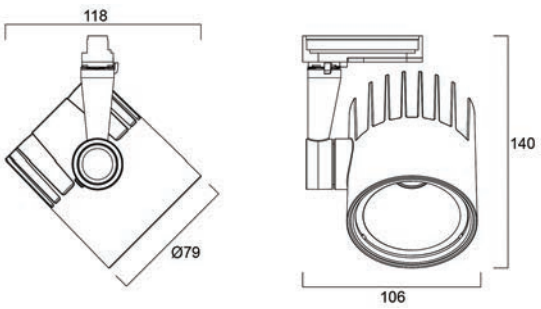
Code	Description	Colour
Beacon Major II - 80 CRI - 3,000K		
2059876	BEACON MAJOR II 3K SPT L1 WHT	White
2059877	BEACON MAJOR II 3K SPT L1 BLK	Black
2059884	BEACON MAJOR II 3K SPT L3 WHT	White
2059885	BEACON MAJOR II 3K SPT L3 BLK	Black
Beacon Major II - 80 CRI - 4,000K		
2059878	BEACON MAJOR II 4K SPT L1 WHT	White
2059879	BEACON MAJOR II 4K SPT L1 BLK	Black
2059886	BEACON MAJOR II 4K SPT L3 WHT	White
2059887	BEACON MAJOR II 4K SPT L3 BLK	Black

L1 = Single Circuit Track; L3 = Three Circuit Track

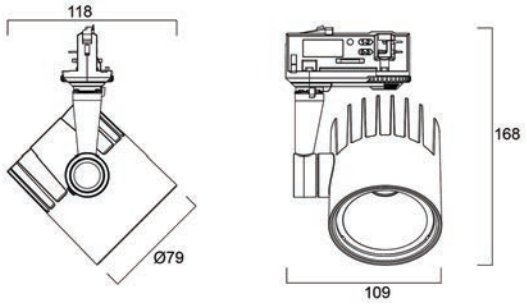




Single Circuit (L1)



Three Circuit (L3)



Dimensions (mm)

L1/L3 Track - Flood White

L1/L3 Track - Flood White

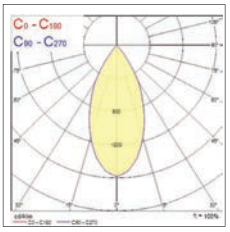
- Beacon Mains II is a compact mains voltage LED spotlight family ideal for retail and shop lighting applications
- Using the latest generation AC LED means no visible driver box and a smaller head for a cleaner look-and-feel
- 44 deg Flood versions 1,656lm, 87lm/W
- Colour Rendering index >80
- Phase dimmable (see list of compatible dimmers)
- For mounting on 1-circuit track (Lytespan 1) or 3-circuit track (Lytespan 3)
- Available in 3000K or 4000K colour temperatures
- Monopoint accessory available for surface mounting
- IR/UV free light source without heat radiation
- Long lifetime: 50,000 hours life at L70B50

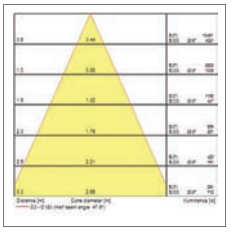
LIGHT SOURCE INCLUDED

Beacon Major II - Flood

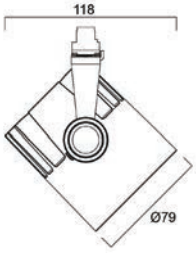
Code	Description	Body Colour
Beacon Major II - 80 CRI - 3,000K		
2059880	BEACON MAJOR II 3K FLD L1 WHT	White
2059881	BEACON MAJOR II 3K FLD L1 BLK	Black
2059888	BEACON MAJOR II 3K FLD L3 WHT	White
2059889	BEACON MAJOR II 3K FLD L3 BLK	Black
Beacon Major II - 80 CRI - 4,000K		
2059882	BEACON MAJOR II 4K FLD L1 WHT	White
2059883	BEACON MAJOR II 4K FLD L1 BLK	Black
2059890	BEACON MAJOR II 4K FLD L3 WHT	White
2059891	BEACON MAJOR II 4K FLD L3 BLK	Black

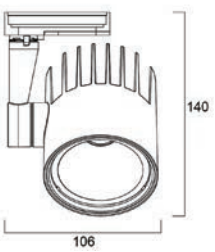
L1 = Single Circuit Track; L3 = Three Circuit Track



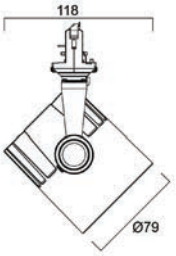


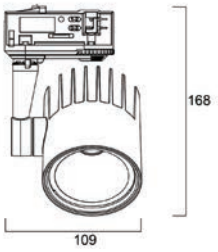
Single Circuit (L1)





Three Circuit (L3)





Dimensions (mm)

Accessories

Monopoint White

Monopoint Black

Accessories

Code	Description
3020010	MONOPOINT L3 WHITE
3020080	MONOPOINT L3 BLACK

Zaraysk Kremlin Museum - Moscow, Russia

Beacon Wallwash LED utilizes a specially adapted asymmetric lens to provide a high quality wallwashing effect within any given display environment be it museums & galleries or retail. Uniform ceiling to floor vertical illuminance of up to 3.5 metres in height at 4.5 metre spacings.

Beacon Wallwash LED

Beacon Wallwash - White

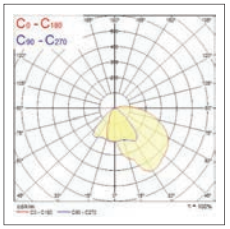
Beacon Wallwash - Black

- Beacon Wallwash LED uses a specially adapted asymmetric lens to provide a punchy LED wallwash solution, upto 4,916lm
- Uniform ceiling to floor vertical illuminance up to 3.5m height at 4.5m spacings
- Ideal for museum and gallery applications
- High colour rendering index, Ra 95 typical or 85 (High output version) typical
- Available in 3000K or 4000K colour temperatures
- Non dimmable, On-board dimming and DALI versions available
- For mounting on 3-circuit track (Lytespan 3)
- White or Black paint finishes as standard. Silver available on request
- IR/UV free light source without heat radiation
- Long lifetime: 50,000 hours life at 70% of the original output (L70)

LIGHT SOURCE INCLUDED

3,000K

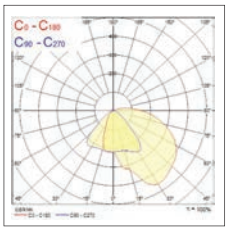
Code	Description	Colour
2059065	BEACON WW LED 3K L3 BLK	Black
2059066	BEACON WW LED 3K L3 WHT	White
2059067	BEACON WW LED O/B DIM 3K L3 BLK	Black
2059068	BEACON WW LED O/B DIM 3K L3 WHT	White
2059073	BEACON WW LED DALI 3K L3 BLK	Black
2059074	BEACON WW LED DALI 3K L3 WHT	White



3,000K

4,000K

Code	Description	Colour
2059080	BEACON WW LED 4K L3 BLK	Black
2059081	BEACON WW LED 4K L3 WHT	White
2059087	BEACON WW LED O/B DIM 4K L3 BLK	Black
2059088	BEACON WW LED O/B DIM 4K L3 WHT	White
2059094	BEACON WW LED DALI 4K L3 BLK	Black
2059095	BEACON WW LED DALI 4K L3 WHT	White



4,000K

3,000K - High Output

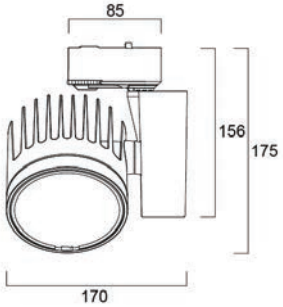
Code	Description	Colour
2059101	BEACON WW LED HO 3K L3 BLK	Black
2059102	BEACON WW LED HO 3K L3 WHT	White

4,000K - High Output

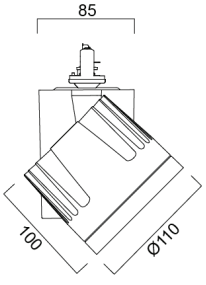
Code	Description	Colour
2059108	BEACON WW LED HO 4K L3 BLK	Black
2059109	BEACON WW LED HO 4K L3 WHT	White

Legend: WW=WallWash; HO = High Output; O/B DIM = On-Board DIMming; L3 = Lytespan 3; WHT = WHiTe; BLK = BLacK

Beacon Wallwash (front view)



Beacon Wallwash (side view)



Dimensions (mm)

Leeds Art Gallery, U.K.

TRACK

Concord

99 Lytespan 1

102 Lytespan 1 Low Profile

103 Lytespan 3

112 Lytebeam

116 Universal Suspensions

Strellson - Moscow, Russia

Construction: Extruded aluminium profile.
PVC liner housing 2 copper conductors

Total Max Load: 240 (230) VAC supply
3840w (3680w)
Single fuse rated at 16amps
Supply cable 3 x 1.5mm^2

Finish: Smooth polyester powder paint finish, white RAL 9016, silver RAL 9006 or black RAL 9005

- Polarised 16amp single circuit track system with two conductors
- Suitable for use with Concord single circuit adaptor types
- Choice of formats including low profile
- Universal feeds and couplers with polarisation determined during installation with polarisation tab
- Unique Push-up feed allows power to be fed on or off anywhere along the length of track
- Can be cut on site
- Broad range of universal suspensions
- Polarised and fully earthed to latest international standards

Single Circuit Track Systems

Starter Track Kit

Joiner Track Kit

Starter Track Kit

- Ideal for surface mounted runs
- Single length or to start a run
- Supplied with Track Unit, Plug-in Live End, End Caps and Surface Mount Clips

Joiner Track Kit

- Ideal for surface mounted runs
- Extends Starter Track to create straight runs
- Supplied with Track Unit, Plug-in Live Coupler and Surface Mount Clips

Starter Track Kit

Code	Length (m)	Weight (kg)	Colour
2036010	1	0.57	White
2036011	2	1.09	White
2036012	3	1.61	White
2046525	1	0.57	Black
2046526	2	1.09	Black
2046527	3	1.61	Black

Joiner Track Kit/Adjustable Coupler

Code	Length (m)	Weight (kg)	Colour
2036013	2	1.06	White
2036014	3	1.58	White
2046528	2	0.57	Black
2046529	3	1.09	Black

Standard Track Unit

Recessed Track Unit

Standard Track Unit

- For single or continuous runs, bends and grids
- Ideal for surface mounting or suspension
- Order components and accessories separately

Recessed Track Unit

- For single or continuous straight runs
- Ideal for suspended ceilings
- Order components and accessories separately

1. Standard Track Unit

Code	Length (m)	Weight (kg)	Colour
2036015	1	0.52	White
2036016	2	1.04	White
2036017	3	1.56	White
2036018	1	0.52	Black
2036020	2	1.04	Black
2036021	3	1.56	Black
2046531	1	0.52	Silver
2046532	2	1.04	Silver
2046533	3	1.56	Silver

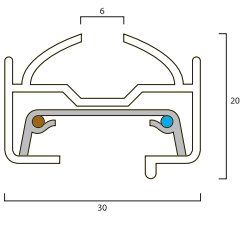
1. Recessed Track Unit

Code	Length (m)	Weight (kg)	Colour
2036022	1	0.67	White
2036023	2	1.19	White
2036024	3	1.71	White

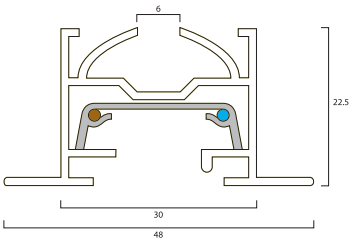
Basic components required for a track scheme:
1. Track Unit
2. Live Feed: Feeds power onto track
3. Coupler: Only required if creating runs
4. End Cap: Safely terminates track ends
5. Suspensions: Safely and securely mounts track

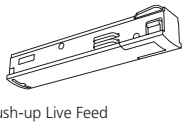
Optional Accessories

Standard

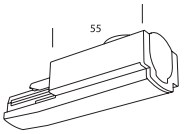


Recessed

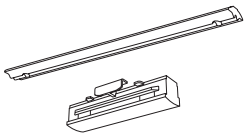




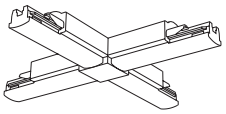
Push-up Live Feed



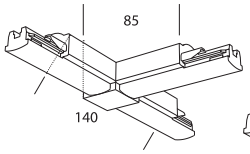
Plug-in Live Feed



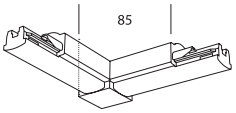
Straight Plug-in Coupler



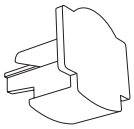
X Coupler



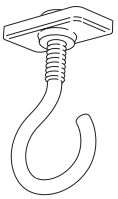
T Coupler



L Coupler



End Cap



Display Hook

2. Live Feeds

Code	Description	Finish	Top
2011305	Push-up Live Feed Feeds power on or off anywhere along length of track	Recessed & Standard Track White	Universal
2011348	Plug-in Live Feed Feeds power on or off at end of track	Standard Track White	Universal
2011833	Push-up Live Feed Feeds power on or off anywhere along length of track	Standard Track Black	Universal
2011285	Plug-in Live Feed Feeds power on or off at end of track	Standard Track Black	Universal

3. Couplers

Code	Description	Finish	Top
2011303	Straight Plug-in Coupler Connects tracks mech/elec to create straight runs	Standard Track White	Mech/Elec
2011379	L Coupler Couplers supplied with wires.* Polarisation determined on site	Standard Track White	Mech/Elec
2011381	T Coupler Couplers supplied with wires.* Polarisation determined on site	Standard Track White	Mech/Elec
2011383	X Coupler Couplers supplied with wires.* Polarisation determined on site	Standard Track White	Mech/Elec
2036027	Flexible Coupler Closes to a minimum of 45º horizontally	Standard Track White	Mech/Elec
2011303	Straight Plug-in Coupler Connects tracks mech/elec to create straight runs	Recessed Track White	Mech/Elec
2011835	Straight Plug-in Coupler Connects tracks mech/elec to create straight runs	Standard Track Black	Mech/Elec
2011297	L Coupler Couplers supplied with wires.* Polarisation determined on site	Standard Track Black	Mech/Elec
2011299	T Coupler Couplers supplied with wires.* Polarisation determined on site	Standard Track Black	Mech/Elec
2036028	Flexible Coupler Closes to a minimum of 45deg horizontally	Standard Track Black	Mech/Elec
2046535	L Couplers supplied with wires* Polarisation determined on site	Standard Track Silver	Mech/Elec
2046536	T Couplers supplied with wires* Polarisation determined on site	Standard Track Silver	Mech/Elec
2046539	Flexible Coupler Closes to a minimum of 45deg horizontally	Standard Track Silver	Mech/Elec

All couplers can easily be converted to mechanical only couplers.
** Can be used to feed power on/off of track once internal wires are removed*

4. Track or Starter Track

See previous page for model numbers

5. End Cap

Code	Description	Finish
2011345	End Cap Must be used to safely terminate track ends	Recessed & Standard Track White
2011283	End Cap Must be used to safely terminate track ends	Standard Track Black
2046538	End Cap Must be used to safely terminate track ends	Standard Silver

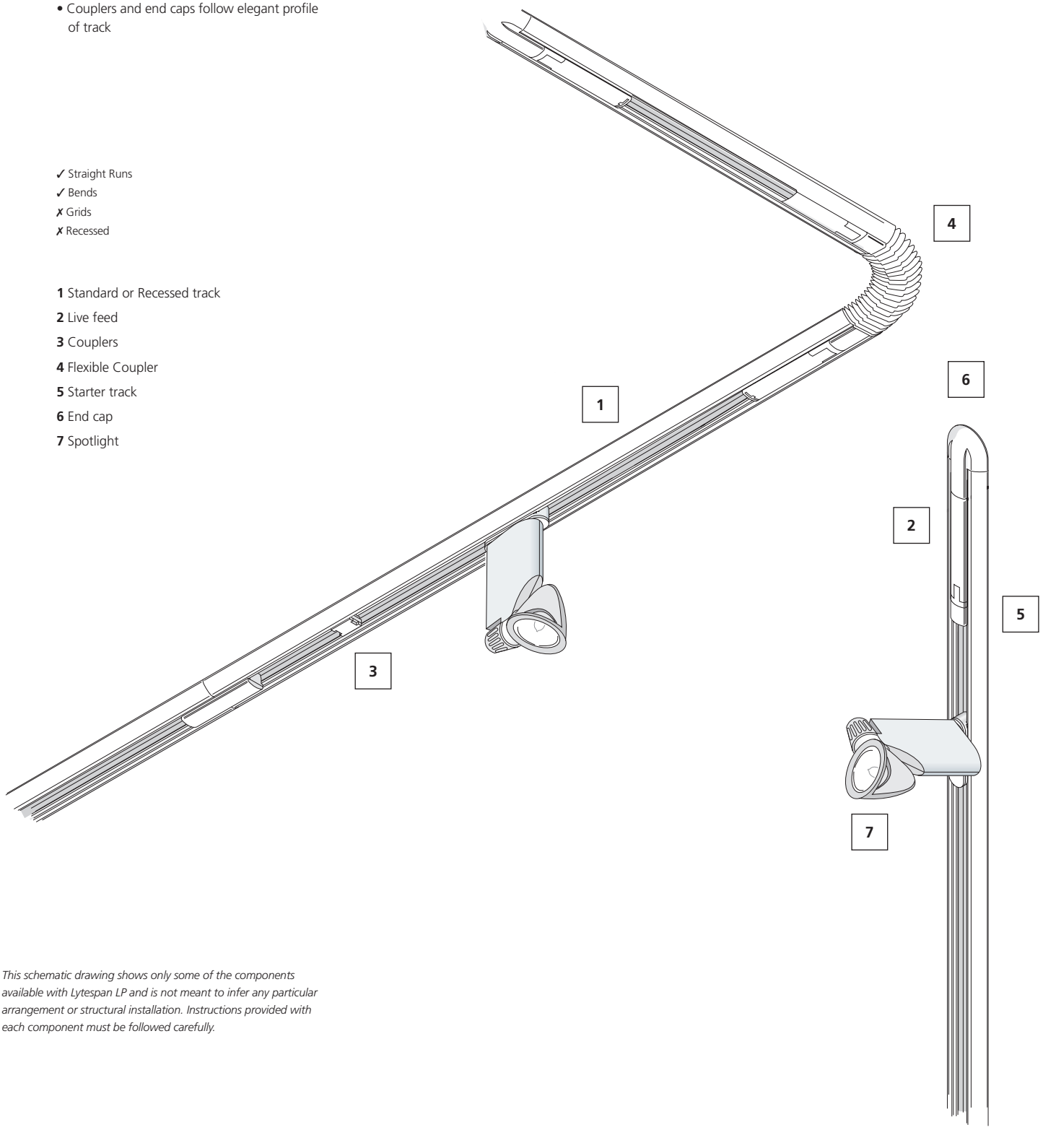
Accessories

Code	Description	Finish	Weight (kg)
2007631	Display Hook Suspends signs, cords etc	Standard/Recessed Track White	Max Load 5.00

- Slim, broad based, low profile for surface mounting, onto walls, ceilings or floors
- Track kits consisting of starter or joiner tracks with all the components needed for single or continuous straight runs
- Flexible coupler for bends
- Supplied with screws for surface mounting. Option of concealed method or through fixing using caps and covers supplied
- Couplers and end caps follow elegant profile of track

✓ Straight Runs
✓ Bends
✗ Grids
✗ Recessed

1 Standard or Recessed track
2 Live feed
3 Couplers
4 Flexible Coupler
5 Starter track
6 End cap
7 Spotlight



This schematic drawing shows only some of the components available with Lytespan LP and is not meant to infer any particular arrangement or structural installation. Instructions provided with each component must be followed carefully.

Starter Track Kit

Joiner Track Kit

Starter Track Kit

- Ideal for surface mounted runs
- Single length or to start a run
- Supplied with Track Unit, Push-up Live Feed, End Caps and Mounting Screws and Screw Cap Covers

Joiner Track Kit

- Ideal for surface mounted runs
- Extends Starter Track to create straight runs.
- Supplied with Track Unit, Plug-in Live Coupler and Screws and Screw Cap Covers

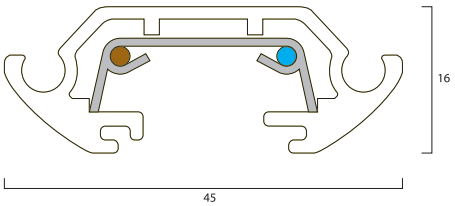
Starter Track Kit

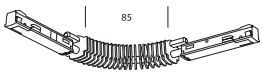
Code	Length (m)	Weight (kg)	Colour
2019502	1	0.60	White
2019503	2	1.20	White
2019504	3	1.80	White
2025709	1	0.60	Silver
2025710	2	1.20	Silver
2025711	3	1.80	Silver
2046525	1	0.60	Black
2046526	2	1.20	Black
2046527	3	1.80	Black

Joiner Track Kit

Code	Length (m)	Weight (kg)	Colour
2019505	2	1.20	White
2019506	3	1.80	White
2025712	2	1.20	Silver
2025713	3	1.80	Silver
2046528	2	1.20	Black
2046529	3	1.80	Black

Standard LP



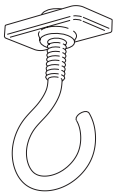


Flexible Coupler

Couplers

Code	Description	Colour
2025994	Flexible Coupler*	Mech/Elec White
2025995	Flexible Coupler*	Mech/Elec Silver
2046530	Flexible Coupler*	Mech/Elec Black

Flexible Coupler Closes to a minimum of 45° horizontally Can easily be converted to mechanical only



Display Hook

Accessories

Code	Description	Weight (kg)	Colour
2007631	Display Hook Suspends signs, cords etc	Max load 5.00	White

Concealed Fixing Starter track

(Single run only) Fixing screw supplied

- Slide PVC Conductor Strip from aluminium extrusion
- Slotted screw keyholes are revealed
- The extrusion can be used as a template
- Screws can be installed at the predetermined centres
- The track can then be offered up and the screws tightened
- PVC conductor strip can then be returned to the extrusion

Through Fixing Starter and Joiner track

(Continuous runs) Fixing screws and screw caps supplied

- Screw caps push into the track at determined distances
- Screw caps can be used as a drilling guide
- When track section is firmly fixed, screw cap covers are pushed on to conceal the screw heads.

Safety! Screw caps must be used

swarovski foundation
centre for learning

Construction: Extruded aluminium profile
PVC liner housing 4 copper conductors

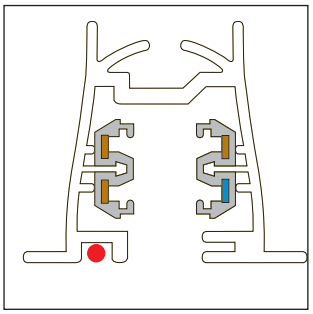
Total Max Load: 240 (230) VAC supply
3840w (3680w) ÷ 3
Single fuse rated at 16amps
Supply cable 5 x 1.5mm2
415 (400) VAC supply*
3840w (3680w) x 3
Each circuit separately fused at 16amps
Supply cable 5 x 2.5mm2
* 3 phase track connection not allowed in the UK For other countries please check local wiring regulations

Finish: Smooth polyester powder paint finish white RAL 9016, silver RAL 9006 or black RAL 9005

- Polarised 16amp three circuit track system with a common neutral
- Suitable for use with Concord, Lumiance and other European three circuit adaptors
- Each of the three circuits can be independently dimmed
- Unique Lytespan 3 'venturi' trunk profile in standard or recessed form
- Lytebeam deep trunk profile with empty back channel for cable way, T5 or Lytespan 3 module
- Couplers and feeds are pre-wired and polarised for ease of installation.
- Broad range of universal suspensions
- Polarised and fully earthed to latest international standards

* When dimming – Other circuits cannot contain non-dimmable luminaires such as metal halide

Three Circuit Track System



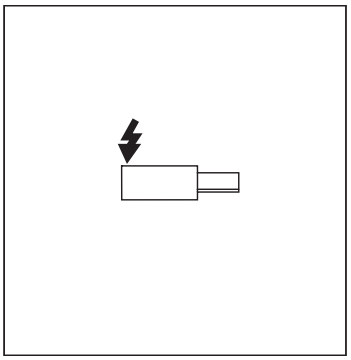
Polarisation Channel

Planning Aid

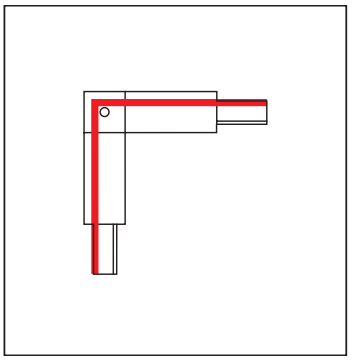
- Lytespan 3 track features a polarisation channel running along one side of its entire length. (See opposite)
- All Lytespan 3 feeds and couplers except Live Ends are supplied pre-polarised, with wires for ease of installation
- When planning a scheme it is important that:

– The polarisation channel is continuous around corners and grids

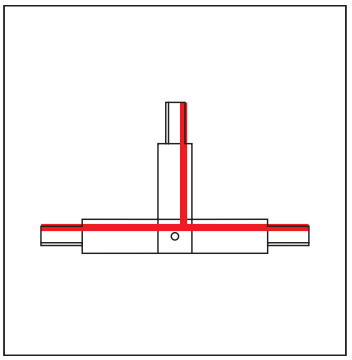
– The layout shows the correct view from above



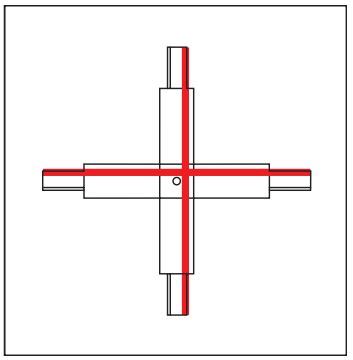
Plug-in live End
UNIVERSAL
Polarity tab indicates correct way to wire



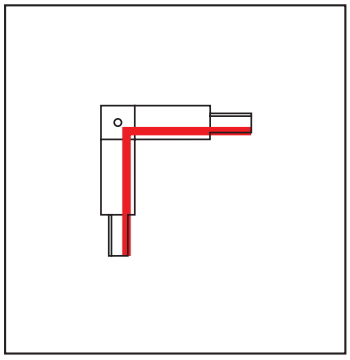
L Coupler
OUTSIDE



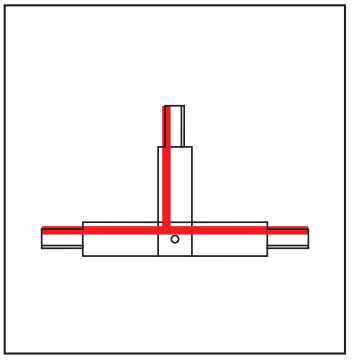
T Coupler
RIGHT



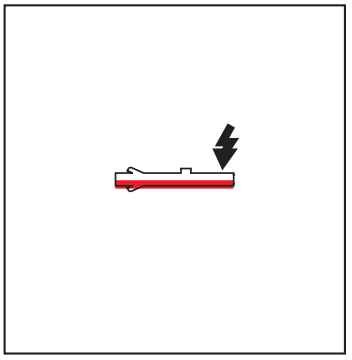
X Coupler
UNIVERSAL



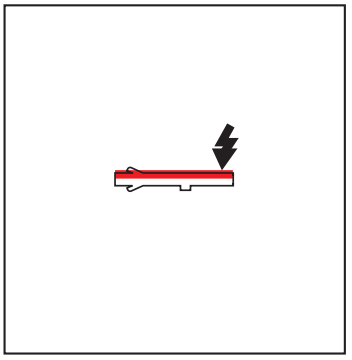
L Coupler
INSIDE



T Coupler
LEFT

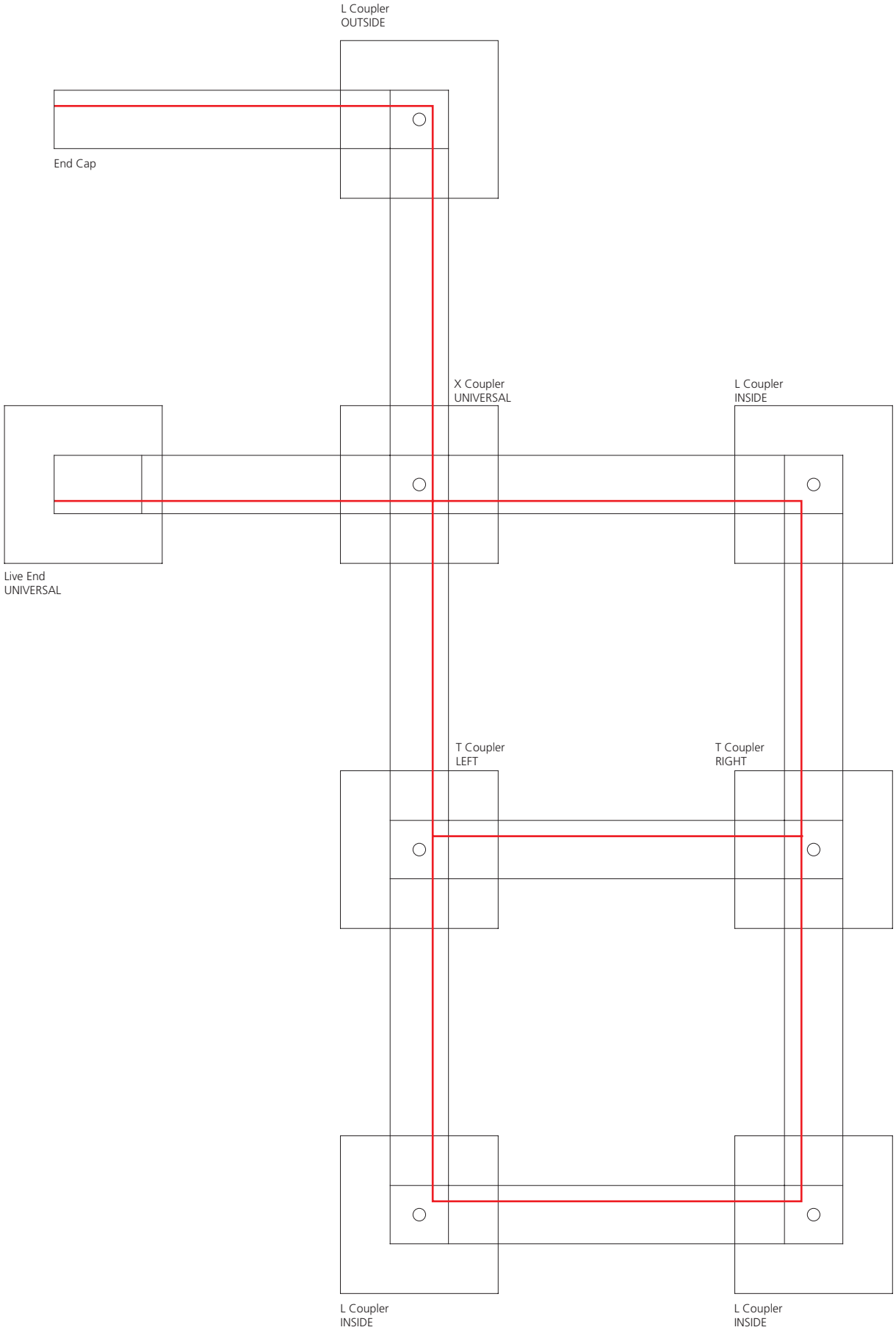


Push-up Feed
LEFT



Push-up Feed
RIGHT

Planning from above



Starter Track Kit

Starter Track Kit

- Ideal for surface mounted runs
- Single length or to start a run
- Supplied with Track Unit, Push-up Live Feed, End Caps and Surface Mount Clips

Joiner Track Kit

- Ideal for surface mounted runs
- Extends Starter Track to create straight runs
- Supplied with Track Unit, Plug-in Live Coupler and Surface Mount Clips

Starter Track Kit

Code	Description	Weight (Kg)	Colour
L3 Starter Track White			
2030732	L3 Starter Track 1M	0.925	White
2030733	L3 Starter Track 2M	1.85	White
2030734	L3 Starter Track 3M	2.75	White
L3 Starter Track Silver			
2057410	L3 Starter Track 1M	0.925	Silver
2057411	L3 Starter Track 2M	1.85	Silver
2057412	L3 Starter Track 3M	2.75	Silver

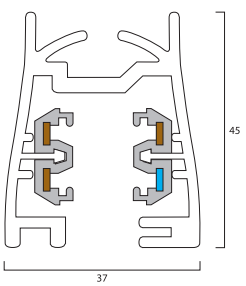
Joiner Track Kit

Joiner Track Kit

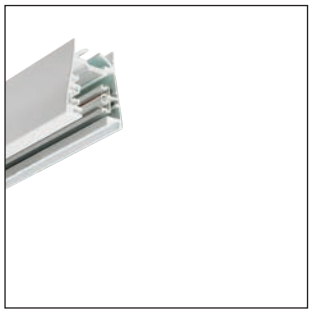
Code	Length (m)	Weight (kg)	Colour
2030736	3	2.90	White

Emergency lighting
solutions for track mounting

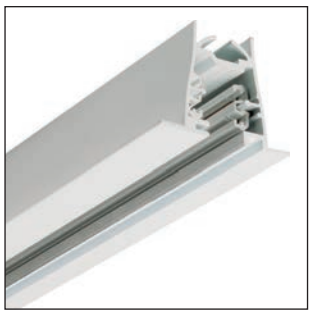
Standard



Dimensions (mm)



Standard Track Unit



Recessed Track Unit

Standard Track Unit

- For single or continuous runs and grids
- Ideal for surface mounting or suspension
- Order components and accessories separately

Recessed Track Unit

- For single or continuous runs
- Ideal for suspended ceilings
- Order components and accessories separately

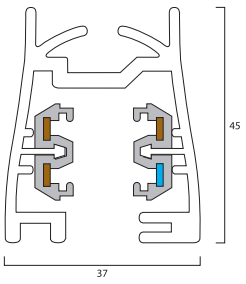
1. Standard Track Unit

Code	Length (m)	Weight (kg)	Colour
2020760	1	0.90	White
2020762	2	1.80	White
2020751	3	2.70	White
2020761	1	0.90	Silver
2020763	2	1.80	Silver
2020759	3	2.70	Silver
2025500	1	0.90	Black
2025501	2	1.80	Black
2025502	3	2.70	Black

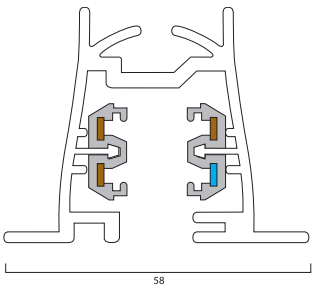
1. Recessed Track Unit

Code	Length (m)	Weight (kg)	Colour
2020718	2	1.95	White
2020719	3	2.85	White

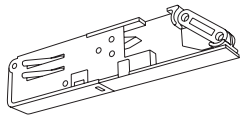
Standard



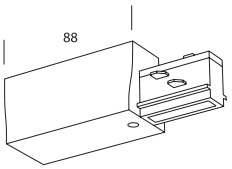
Recessed



Dimensions (mm)



Push-up Live Feed



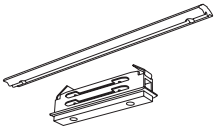
Plug-in Live Feed

2. Live Feeds

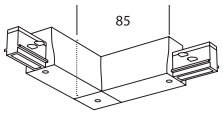
Code	Description	Finish	Type
2027546	Push-Up Live Feed	White	Left
2027549	Push-Up Live Feed	White	Right
2020790	Plug-In Live	White	Universal
2020799	Live Feed	Black	Recessed
2027547	Push-Up Live Feed	Silver	Right
2027550	Push-Up Live Feed	Silver	Left
2021318	Plug-In Live Feed	Silver	Universal
2027548	Push-Up Live Feed	Black	Left
2027551	Push-Up Live Feed	Black	Right
2025507	Plug-In Live Feed	Black	Universal

2. DALI Live Feeds

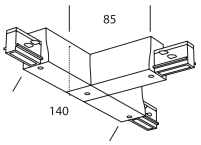
Code	Description	Finish	Type
2051485	Push-Up Live Feed	White	Right
2051488	Push-Up Live Feed	White	Left
2051486	Push-Up Live Feed	Silver	Right
2051489	Push-Up Live Feed	Silver	Left
2051487	Push-Up Live Feed	Black	Right
2051490	Push-Up Live Feed	Black	Left



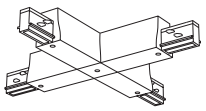
Straight Plug-in Coupler



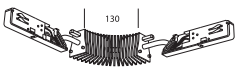
L Coupler



T Coupler



X Coupler



Flexible Coupler

3. Couplers

Code	Description	Finish	Type
2020797	Straight Plug-in Coupler	White	Mech/Elec
2020792	L Coupler*	White	Inside
2020793	L Coupler*	White	Outside
2020795	T Coupler*	White	Left
2020796	T Coupler*	White	Right
2020794	X Coupler*	White	Universal
2020798	Flexible Coupler	White	Mech/Elec
2027542	Straight Plug-in Coupler	Silver	Mech/Elec
2021315	L Coupler*	Silver	Inside
2021314	L Coupler*	Silver	Outside
2021310	Flexible Coupler	Silver	Mech/Elec
2025508	Straight Plug-in Coupler	Black	Mech/Elec
2025511	L Coupler*	Black	Inside
2025512	L Coupler*	Black	Outside
2025514	T Coupler*	Black	Left
2025513	T Coupler*	Black	Right
2025515	X Coupler*	Black	Universal
2025516	Flexible Coupler	Black	Mech/Elec

Wires can be removed to create mechanical only connections. Once wires are removed couplers can be used to feed power on/off of track

3. DALI Couplers

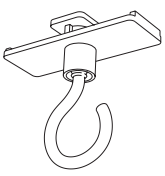
Code	Description	Finish	Type
2020797	Straight Plug-in Coupler	White	Mech/Elec
2051497	L Coupler*	White	Inside
2051500	L Coupler*	White	Outside
2051494	T Coupler*	White	Left
2051491	T Coupler*	White	Right
2051503	X Coupler*	White	Universal
2051506	Flexible Coupler	White	Mech/Elec
2027542	Straight Plug-in Coupler	Silver	Mech/Elec
2501498	L Coupler*	Silver	Inside
2501501	L Coupler*	Silver	Outside
2051507	Flexible Coupler	Silver	Mech/Elec
2025508	Straight Plug-in Coupler	Black	Mech/Elec
2051499	L Coupler*	Black	Inside
2051502	L Coupler*	Black	Outside
2051496	T Coupler*	Black	Left
2051493	T Coupler*	Black	Right
2051505	X Coupler*	Black	Universal
2051508	Flexible Coupler	Black	Mech/Elec

Wires can be removed to create mechanical only connections. Once wires are removed couplers can be used to feed power on/off of track

End Cap

4. End Cap

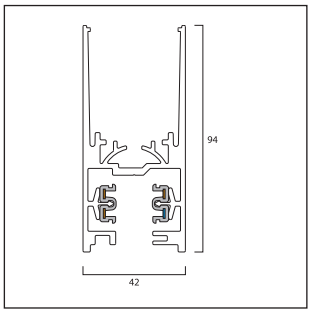
Code	Description	Finish
2020789	Must be used to safely terminate track ends	White
2021317	Must be used to safely terminate track ends	Silver
2025517	Must be used to safely terminate track ends	Black



Display Hook

5. Accessories

Code	Description	Weight (kg)	Finish
2025697	Suspends signs, cords etc.	Max load 5.00	White

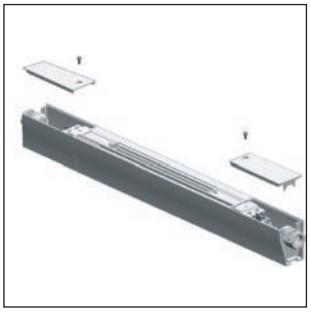


Standard Lytebeam Unit

1. Standard Lytebeam Unit

Code	Length (m)	Weight (kg)	Colour
2037837	2	5.00	White
2037838	3	7.50	White
2037841	2	5.00	Silver
2037842	3	7.50	Silver

1. Empty Back Channel for Cable Way

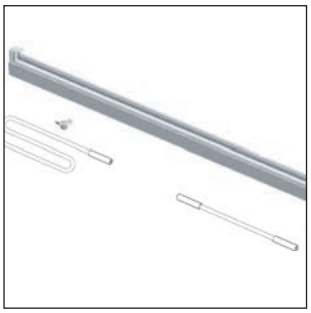


Indirect L3 track module

1a. Indirect L3 track module

Code	Length (m)	Colour
2037845	1.180	White

1a. L3 Track for Indirect Accent



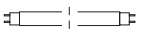
Standard Lytebeam Unit

1b. Indirect T5 batten module

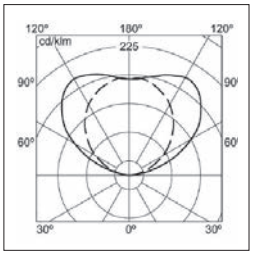
Code	Length (m)	Lamp Type
9137867	1.186	28W T5

* LED versions using LED Pipe with LED Pipe mounting boss 2691855 available as a variant upon request

1b. T5 Fluorescent Modules for Indirect Ambient

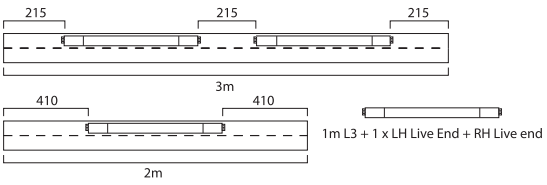


Luxline Plus T5 FHE T16
28W G5 2640lm

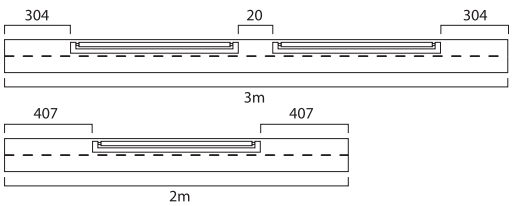


DLOR = 0.62

Lytebeam Indirect L3 Modules – suggested spacings



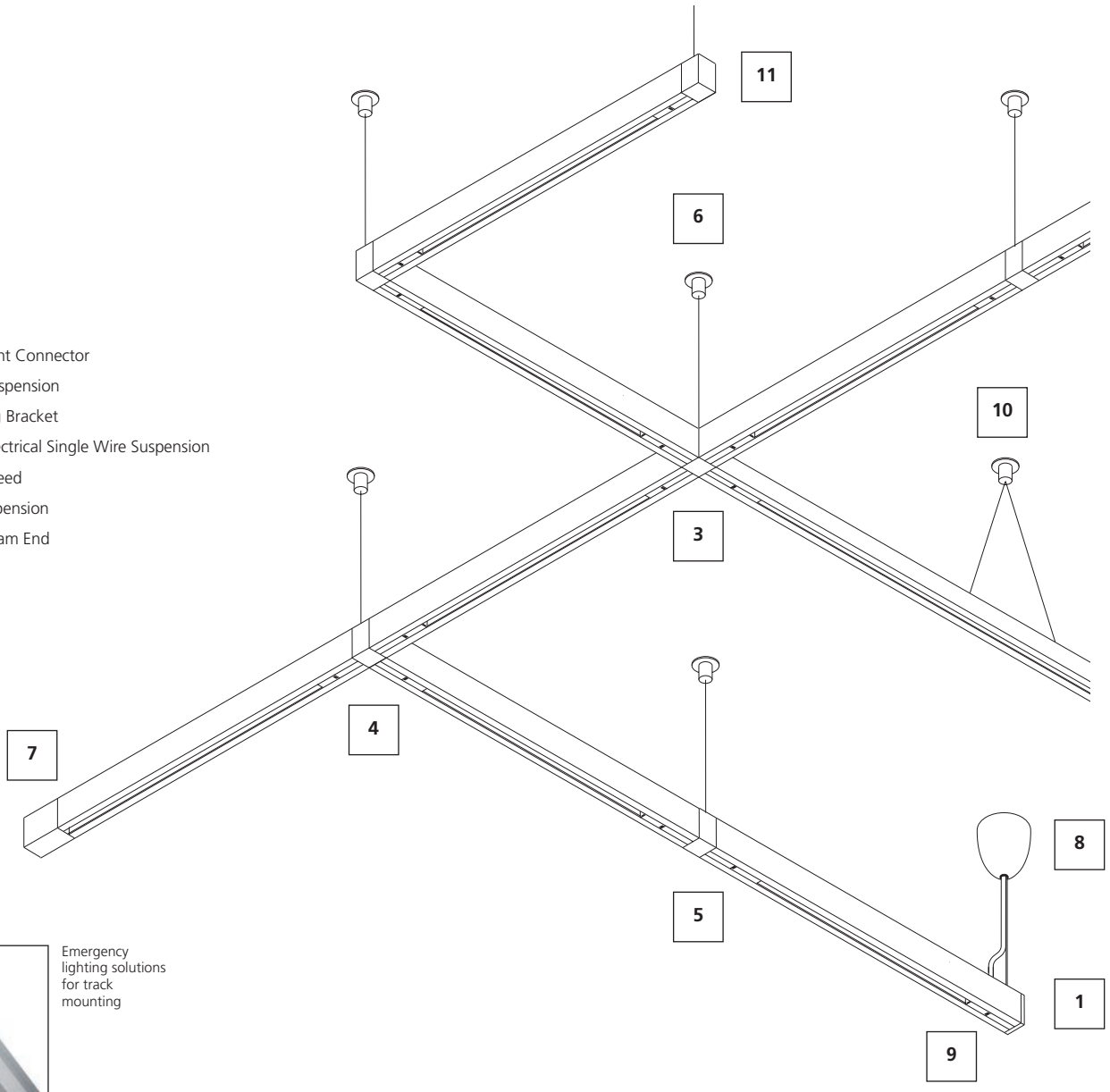
Lytebeam Indirect T5 Modules – suggested spacings



Concord DALI Track Adaptor

- Architectural three circuit and DALI deep beam section
- Indirect ambient lighting using T5 batten accessory
- Indirect accent lighting using L3 Track assembly
- Wide selection of suspension options, wires, rods and wall brackets
- Rigid section provides maximum suspension spacing of up to 4m
- Rear beam section may be used to carry other electrical services
- Wall brackets allow for wall to wall installation, maximum spacing 4m (longer with suspensions)
- Individual section, continuous runs and complex grids
- LED Emergency modules
- Straight Runs
- Grids
- Bends

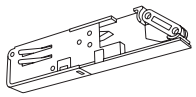
1 End Cap
2 'L' Outside
3 'X'
4 'T' Right
5 'I' Inline Straight Connector
6 Single Wire Suspension
7 Wall Mounting Bracket
8 Mechanical/Electrical Single Wire Suspension
9 Push-up Live Feed
10 Twin Wire Suspension
11 Suspension Beam End



Emergency lighting solutions for track mounting

Basic components required for a track scheme:

1. Track Unit
1a. Indirect L3 track module
1b. Indirect T5 batten module
2 Live Feed: Feeds power onto track
3. Coupler: Only required if creating runs
4. End Cap: Safely terminates track ends
5. Suspensions: Safely and securely mounts track
6. Optional Accessories



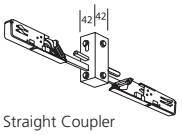
Push-up Live Feed

2. Live Feeds

Code	Description	Colour	Type
2027546	Push-Up Live Feed Feeds power on or off anywhere along length of track	White	Left
2027549	Push-Up Live Feed Feeds power on or off anywhere along length of track	White	Right
2027547	Push-Up Live Feed Feeds power on or off anywhere along length of track	Silver	Left
2027550	Push-Up Live Feed Feeds power on or off anywhere along length of track	Silver	Right

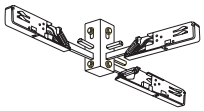
2. DALI Live Feeds

Code	Description	Colour	Type
2051488	Push-Up Live Feed Feeds power on or off anywhere along length of track	White	Left
2051485	Push-Up Live Feed Feeds power on or off anywhere along length of track	White	Right
2051489	Push-Up Live Feed Feeds power on or off anywhere along length of track	Silver	Left
2051486	Push-Up Live Feed Feeds power on or off anywhere along length of track	Silver	Right

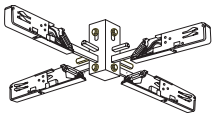


I – Straight Coupler

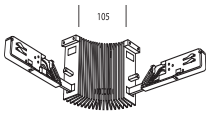
L – Coupler Inside/outside (converts)



T – Left Hand and Right Hand



X – Universal



Flexible Coupler – Universal

3. Couplers

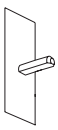
Code	Description	Colour	Type
2037853	I Straight Coupler Connects tracks to create straight runs	White	Mech/Elec
2037854	L Coupler Polarised couplers supplied pre-wired for ease of installation*	White	Inside/Outside
2037855	T Coupler Polarised couplers supplied pre-wired for ease of installation*	White	Left
2037856	T Coupler Polarised couplers supplied pre-wired for ease of installation*	White	Right
2037858	I Straight Coupler Connects tracks to create straight runs	Silver	Mech/Elec
2037860	L Coupler Polarised couplers supplied pre-wired for ease of installation*	Silver	Inside/Outside

** Wires can be removed to create mechanical only connections. Once wires are removed couplers can be used to feed power on/off of track*

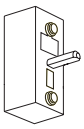
3. DALI Couplers

Code	Description	Colour	Type
2051521	I Straight Coupler Connects tracks to create straight runs	White	Mech/Elec
2051527	L Coupler Polarised couplers supplied pre-wired for ease of installation*	White	Inside/Outside
2051524	T Coupler Polarised couplers supplied pre-wired for ease of installation*	White	Left
2051522	I Straight Coupler Connects tracks to create straight runs	Silver	Mech/Elec
2051528	L Coupler Polarised couplers supplied pre-wired for ease of installation*	Silver	Inside/Outside

** Wires can be removed to create mechanical only connections. Once wires are removed couplers can be used to feed power on/off of track*



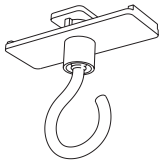
End Cap



Beam End

4. End Cap

Code	Description	Colour
2037848	End Cap must be used to safely terminate track ends	White
2037851	Beam End must be used to safely terminate track ends and provides suspension points	White
2037850	End Cap must be used to safely terminate track ends	Silver
2037852	Beam End must be used to safely terminate track ends and provides suspension points	Silver



Display Hook

5. Accessories

Code	Description	Colour	Max Load (kg)
2025697	Display Hook Suspends signs, cords etc	White	5.00

Compton Verney, U.K.

- Rod and Floating suspensions provide rigid fixing up to 1m straight down from ceiling. Required for uneven loads or areas exposed to air movement
- Adjustable 3m wire suspensions provide the flexibility to fix from any angle, ideal for sloping ceilings
- Longer lengths available as variants
- Clutch adjustment mechanism allows quick and easy installation and levelling. Excess wire can safely be removed
- Twin pivoting suspensions ideal for grids and corners
- Easy to wire mechanical and electrical rod and wire suspensions enable discrete mains supply
- Wall mounting brackets for wall to wall installations (Lytebeam only)

Universal Suspensions

Single, Three Circuit & DALI Track

Wire suspensions - chrome

Rod suspensions - white

Single/three circuit - white

- Rod and Floating suspensions provide rigid fixing up to 1m straight down from ceiling. Required for uneven loads or areas exposed to air movement
- Adjustable 3m wire suspensions provide the flexibility to fix from any angle, ideal for sloping ceilings Longer lengths available as variants
- Clutch adjustment mechanism allows quick and easy installation and levelling. Excess wire can safely be removed
- Twin pivoting suspensions ideal for grids and corners
- Easy to wire mechanical and electrical rod and wire suspensions enable discrete mains supply
- Wall mounting brackets for wall to wall installations (Lytebeam only)

Wire Suspensions

Code	Description	Length (m)	Max Load (kg)	Colour
2035031	Single Wire Suspension Length easily adjusted	3.00	20.00	Mech Only Chrome
2035016	Twin Wire Suspension Length easily adjusted	3.00	20.00	Mech Only Chrome
2035014	Single Wire Suspension Length easily adjusted	3.00	20.00	Single Circuit Elec/Mech White
2035017	Twin Wire Suspension Length easily adjusted	3.00	20.00	Single Circuit Elec/Mech White
2035015	Single Wire Suspension Length easily adjusted	3.00	20.00	Three Circuit Elec/Mech White
2035018	Twin Wire Suspension Length easily adjusted	3.00	20.00	Three Circuit Elec/Mech White

Rod Suspensions

Code	Description	Length (m)	Max Load (kg)	Colour
2035020	Rod Suspension Can be cut on site from ceiling only +/5mm levelling adjustment	0.50	-	Mech Only White
2035023	Rod Suspension Can be cut on site from ceiling only +/5mm levelling adjustment	1.00	25.00	Mech Only White
2035026	Rod Extension Screws onto Mechanical only rod suspensions Can not be cut on site. Max drop 3.00m +/5mm levelling adjustment	0.50	25.00	Mech Only White
2035024	Rod Suspension Can be cut on site from ceiling side only +/5mm levelling adjustment	1.00	25.00	Single Circuit Elec/Mech White
2035022	Rod Suspension Can be cut on site from ceiling side only +/5mm levelling adjustment	0.50	-	Three Circuit Elec/Mech White
2035025	Rod Suspension Can be cut on site from ceiling side only +/5mm levelling adjustment	1.00	25.00	Three Circuit Elec/Mech White

Recessed Mounting

Code	Description	Max Load (kg)	Type
2010997	Suspension Bracket For fixing recessed track into suspended ceilings	25.00	Steel

Surface Mounting (Not suitable for Lytebeam)

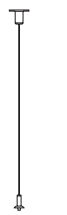
Code	Description	Length (m)	Max Load (kg)	Colour
2011999	Mount Clip, Clip screw onto fixing surface. Track snaps onto back, secured with allen key supplied	0.14	15.00	White
2011841	Mount Clip Clip screw onto fixing surface. Track snaps onto back, secured with allen key supplied	0.14	15.00	Black

Wall Mounting Bracket (For Lytebeam only)

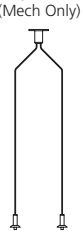
Code	Description	Max Load (kg)	Colour
2037846	Wall Mount Bracket	20.00	White
2037847	Wall Mount Bracket	20.00	Silver

** Length refers to distance from mounting surface to back of track*
Max spacing for all Single Circuit and Three Circuit Track systems 1.2m
Max spacing for Lytebeam 4m

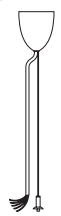
Single Wire Suspension (Mech only)



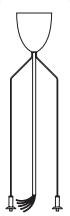
Twin Wire Suspension (Mech Only)



Single Wire Suspension (Mech/Elec)



Twin Wire Suspension (Mech/Elec)



- Rod and Floating suspensions provide rigid fixing up to 1m straight down from ceiling. Required for uneven loads or areas exposed to air movement
- Adjustable 3m wire suspensions provide the flexibility to fix from any angle, ideal for sloping ceilings Longer lengths available as variants
- Clutch adjustment mechanism allows quick and easy installation and levelling. Excess wire can safely be removed
- Twin pivoting suspensions ideal for grids and corners
- Easy to wire mechanical and electrical rod and wire suspensions enable discrete mains supply
- Wall mounting brackets for wall to wall installations (Lytebeam only)

Track Deflection Data

The data below gives an indication of the max distributed and point loads that can be taken before deflection of track will occur.

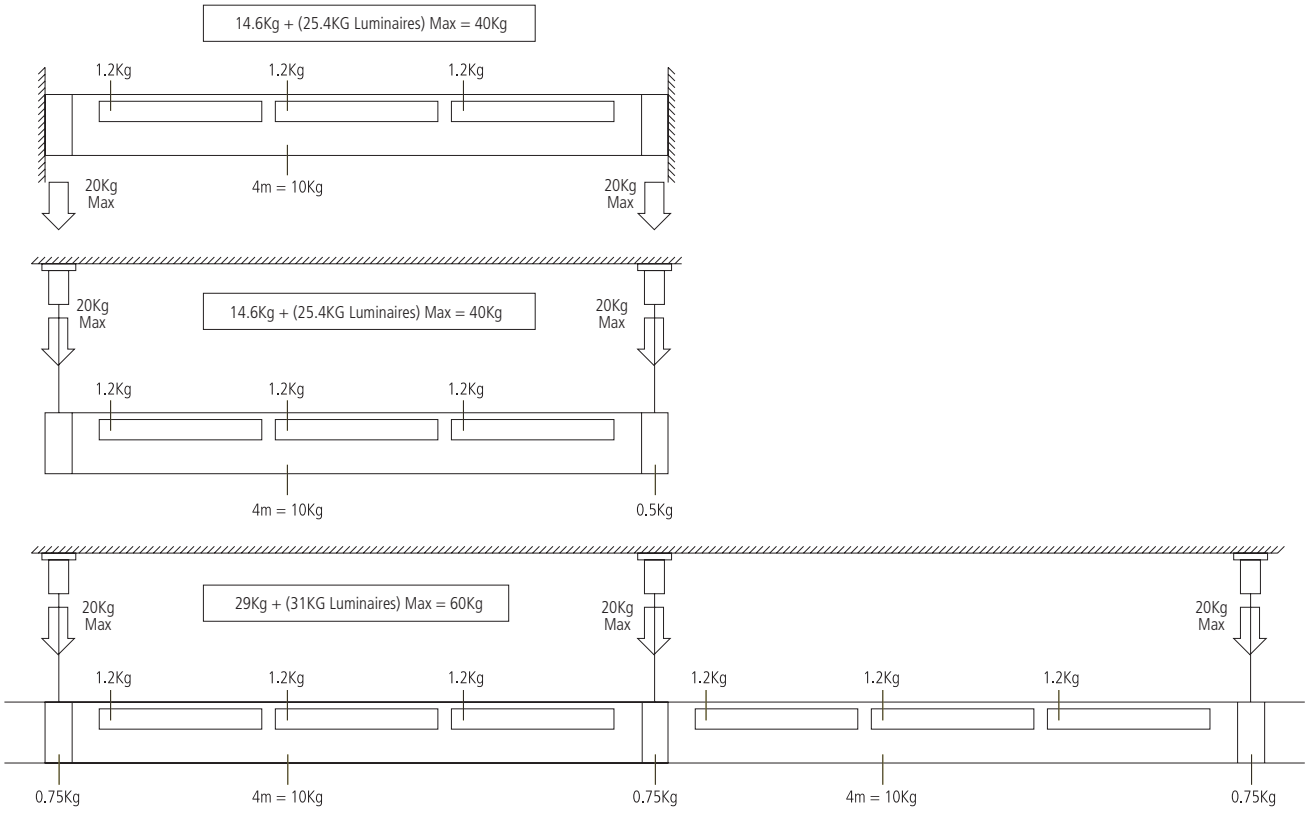
Do not exceed max load for individual suspensions.

Data is for max spacing or 1.2m

Lytebeam track deflection data and maximum load

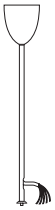
Max spacing for all Lytebeam suspensions 4m

Other Track Systems – Max spacing is 1.2m	Maximum Allowable Load	
Track System	Distributed	Point
Lytespan 1	7.40kg	4.60kg
Recessed Lytespan 1	21.60kg	13.50kg
Lytespan 3	32.00kg	20.00kg
Recessed Lytespan 3	46.00kg	28.50kg



Rod Extension (Mech only)

Rod Suspension (Mech/Elec)



Wall Mounting Bracket **(Lytebeam only)**

Mount Clip **(Not Lytebeam)**

Kenwick Spa, U.K.

Concord

122 Ascent 50

126 Kometa 300 LED

129 Beacon Recessed Adjustable

Prince's Trust, London, UK

Ascent 50 an efficient, super shallow LED downlighter with a depth of only 50mm, available in round die cast aluminium housing it provides the perfect lighting solution for circulation spaces and areas with shallow recess depth.

Ascent 50

- Super slim highly efficient LED downlight with only 50mm recessing depth
- A true economic and efficient replacement for existing CF-L downlights
- Provides efficiency up to 122 lumens per circuit watt
- Long life, 50,000 hours plus @ 70% luminous flux, fit and forget maintenance free lighting solution
- 4,000K options typical CRI Ra80
- Round Die Cast Housing
- Uniformity of design with the same housing 120mm aperture for all options

LIGHT SOURCE INCLUDED

IP44* IP54* 850°C

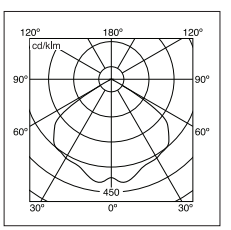
with accessories

Ascent 50 1,700 lm 14W Round

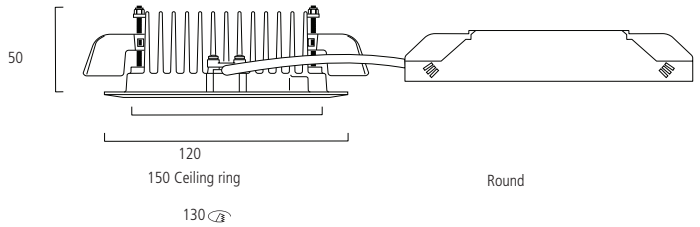
Code	Description	Type
2053870	Ascent 50 1700 STD	3,000K
2053871	Ascent 50 1700 STD Emg	3,000K
2053872	Ascent 50 1700 DALI	3,000K
2053873	Ascent 50 1700 DALI Emg	3,000K

Ascent 50 1,730lm 14W Round

Code	Description	Type
2053874	Ascent 50 1730 STD	4,000K
2053875	Ascent 50 1730 STD Emg	4,000K
2053876	Ascent 50 1730 DALI	4,000K
2053877	Ascent 50 1730 DALI Emg	4,000K



4,000K 1,730lm Round



Luminaire Description 4,000K	Fixture Lumens	Total Circuit Watts	Lumens per Circuit Watt
Ascent 50 High Output	1,730	14W	122

Ascent 50 Accessories 120mmØ Accessories Order separately

Code	Description	Colour
2028033	Clear Glass IP44 Cover	White
2028035	Etched Glass IP44 Cover	White
2039012	Polycarbonate IP54 Cover	White

Technology Comparison Table

Description		Fixture Lumens	TOTAL W	Total lm/W
Ascent 50 LED		1,730	14	122
LED 100 TE	1 x 26W	1,188	27	44

Musselborough Hospital, U.K.

Control Gear:	Standard: Integral electronic x 2 DALI Dimmable: Integral electronic x 2
Emergency:	Integral, 3hr maintained
Reflector:	Central Downlight: Aluminium, anodised Ambient Reflector: Aluminium, powder coated white RAL 9016
Ambient Diffuser:	Polycarbonate, opal

- Kometa looks and performs like no other lighting fixture by combining ambient lighting with downlighting in a simple stylish luminaire
- It provides a complete lighting solution, without the need to supplement the installation with uplighters and wallwashers, by providing a ceiling illuminance which is 30% of working plane levels and a wall illuminance equivalent to 50%
- This innovative concept provides a good light ratio on all room surfaces.

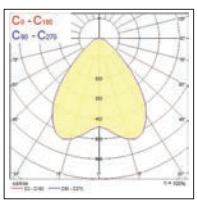
Kometa 300 LED

- An innovative circular 300 mm diameter luminaire
- Combines ambient and downlight technologies in one
- Ultimate flexibility with independent switching and dimming options
- Kometa can be housed within a 600 x 600 ceiling tile using lay in tile accessory
- Provides optimum visual conditions ensuring light falls on all surfaces
- Emergency versions available
- Kometa plasterboard ceiling accessory available
- Long life, 50,000 hours plus at 70% luminous flux.

LIGHT SOURCE INCLUDED

IP20 650°C

Code	Description	Lumen output (lm)	Type
3,000K			
2038585	KOMETA 300 LED 3,400lm 3,000K	3,400	Twin Ballast
2038593	KOMETA 300 LED 3,400lm 3,000K DALI	3,400	Twin Ballast DALI
4,000K			
2038586	KOMETA 300 LED 3500lm 4,000K	3,565	Twin Ballast
2038587	KOMETA 300 LED 3500lm 4,000K EM3	3,565	Twin Ballast Emergency
2038594	KOMETA 300 LED 3500lm 4,000K DALI	3,565	Twin Ballast DALI
2038595	KOMETA 300 LED 3500lm 4,000K DALI EMPRO	3,565	Twin Ballast EMPRO



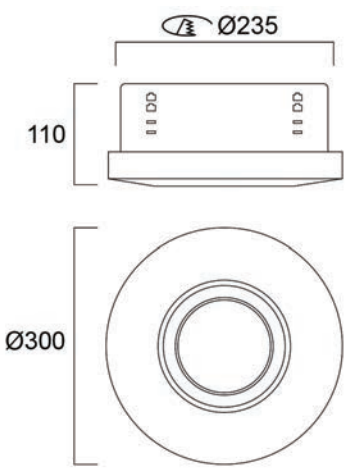
Kometa 300 with Tile Accessory

Accessories

Code	Description
2038590	KOMETA 600X600 LAY-IN TILE ACCESSORY
2038592	KOMETA PULL-UP PLASTERBOARD ACCESSORY

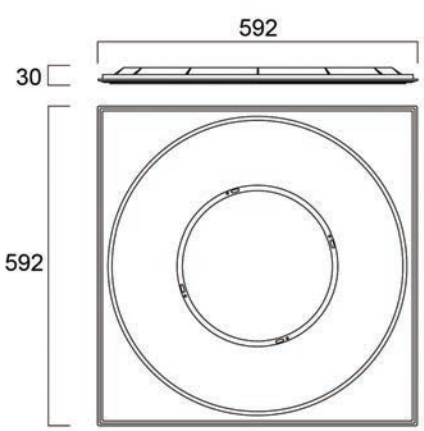
Kometa 300 LED - Performance Matrix

Fixture	4,000K Ambient + Downlight	4,000K Downlight only	4,000K Ambient only
Fixture Lumens	3,565lm	2,521lm	1,044lm
Actual Power (W)	36W	20W	16W
Luminaire efficacy (lm/W)	99lm/w	124lm/w	65lm/w

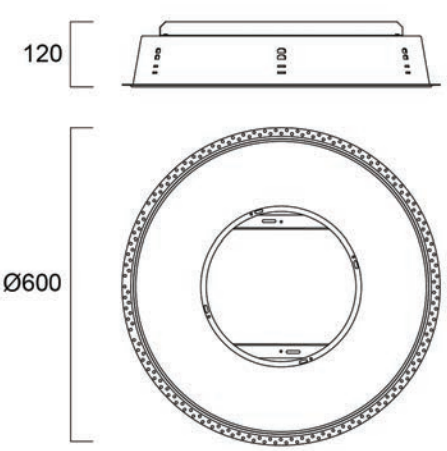


Dimensions (mm)

Kometa 300 Lay In Tile



Kometa 300 Plasterboard Accessory



Derby Academy, U.K.

The Beacon Recessed Adjustable spotlight introduces a new lighting dimension to retail and display space. It meets the tough demands of these environments by providing high quality colour rendering , zero UV/IR radiation, reduction in maintenance costs and an energy saving solution over existing lamp sources such as low voltage halogen.

Beacon Recessed Adjustable II

Round, White

Adjustable Barn Doors

- Unique adjustability using soft-touch ring, enables beam control from a tight 8º spot to a 55º flood
- High colour rendering index, Ra 97 typical with R9 value (saturated reds) at 90 ; ideal for museum and gallery applications
- 35 degree tilt from ceiling to adjust beam direction
- 21W power consumption, up to 1,150lm, 4,000K
- Compatible with Beacon Muse II accessories

LIGHT SOURCE INCLUDED

SYLSMART

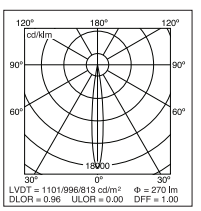
SylSmart versions, please see SylSmart section for details

Remote Dimmable 3,000K

Code	Description	Type	Colour
2052982	Beacon Recessed Adjustable SSC01	Round	White

Switched / DALI Dimmable 3,000K

Code	Description	Type	Colour
2052980	Beacon Recessed Adjustable	Round	White



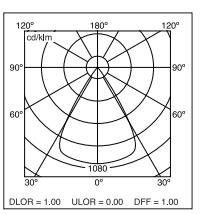
Spot - 3,000K

Remote Dimmable 4,000K

Code	Description	Type	Colour
2052983	Beacon Recessed Adjustable SSC01	Round	White

Switched / DALI Dimmable 4,000K

Code	Description	Type	Colour
2052981	Beacon Recessed Adjustable	Round	White

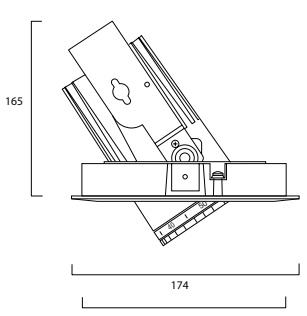


Flood - 4,000K

Accessories

Code	Description
2059760	Elongation Lens
2052940	Adjustable Barn Doors

Round



Dimensions (mm)

Cafe 1809, Hildenborough, UK

Design Museum, U.K.

ACCENT DOWNLIGHTS

Concord

135 Myriad Deco

146 Myriad Adjustable

SYLVANIA

152 Ocullo LED V2

Jermyn Street, London

Silver Reflector

White Reflector

- 10W, CRI 85 LED light engine mimic MR16 50W perfect for domestic installations
- Offers Silver, White reflectors to match any interior
- 2,700K colour temperature offering (Amber Warm White) perfect for domestic installations. Plus 3000K (Warm White) and 4,000K (Neutral White)
- Order bezel trim seperately

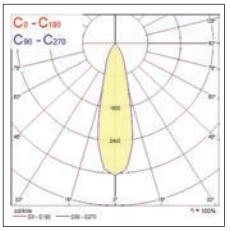
LIGHT SOURCE INCLUDED

IP20

LED

IP20 Housing Only - Spot 2,700K

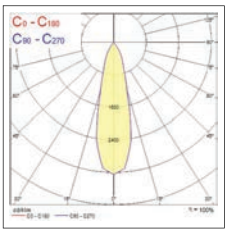
Code	Description	Reflector Colour
2057957	Electronic / Phase Dimmable	Silver
2057958	DALI Dimmable	Silver
2057959	Electronic / Phase Dim Emergency	Silver
2057960	DALI Emergency	Silver
2057981	Electronic / Phase Dimmable	White
2057982	DALI Dimmable	White
2057983	Electronic / Phase Dim Emergency	White
2057984	DALI Emergency	White



2,700K

IP20 Housing Only - Spot 3,000K

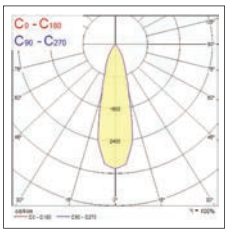
Code	Description	Reflector Colour
2057961	Electronic / Phase Dimmable	Silver
2057962	DALI Dimmable	Silver
2057963	Electronic / Phase Dim Emergency	Silver
2057964	DALI Emergency	Silver
2057985	Electronic / Phase Dimmable	White
2057986	DALI Dimmable	White
2057987	Electronic / Phase Dim Emergency	White
2057988	DALI Emergency	White



3,000K

IP20 Housing Only - Spot 4,000K

Code	Description	Reflector Colour
2057965	Electronic / Phase Dimmable	Silver
2057966	DALI Dimmable	Silver
2057967	Electronic / Phase Dim Emergency	Silver
2057968	DALI Emergency	Silver
2057989	Electronic / Phase Dimmable	White
2057990	DALI Dimmable	White
2057991	Electronic / Phase Dim Emergency	White
2057992	DALI Emergency	White



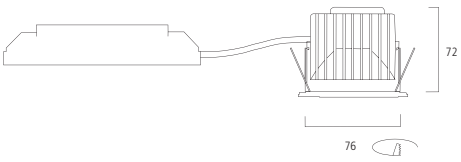
4,000K

Trim (Bezel) Accessories

Order Separately to fit IP20 Housing

Code	Description	Reflector Colour
2059059	White Trim (Bezel)	White
2059060	Silver Trim (Bezel)	Silver

	Lumen output (lm)	Power Consumption (W)	Efficacy (lm/W)
2,700K Silver Reflector	1286	10	129
3,000K Silver Reflector	1119	10	112
4,000K Silver Reflector	1170	10	117



Dimensions (mm)

Silver Reflector

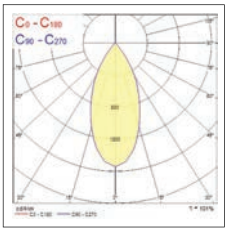
White Reflector

- 10W, CRI 85 LED light engine mimic MR16 50W perfect for domestic installations
- Offers Silver, White reflectors to match any interior
- New 2,700K colour temperature offering (Amber Warm White) perfect for domestic installations. Plus 3,000K (Warm White) and 4,000K (Neutral White)
- Order bezel trim seperately

LIGHT SOURCE INCLUDED

IP20 Housing Only - Flood 2,700K

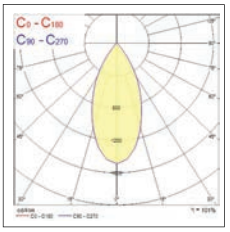
Code	Description	Reflector Colour
2057969	Electronic / Phase Dimmable	Silver
2057970	DALI Dimmable	Silver
2057971	Electronic / Phase Dim Emergency	Silver
2057972	DALI Emergency	Silver
2057993	Electronic / Phase Dimmable	White
2057994	DALI Dimmable	White
2057995	Electronic / Phase Dim Emergency	White
2057996	DALI Emergency	White



2,700K

IP20 Housing Only - Flood 3,000K

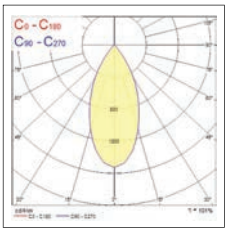
Code	Description	Reflector Colour
2057973	Electronic / Phase Dimmable	Silver
2057974	DALI Dimmable	Silver
2057975	Electronic / Phase Dim Emergency	Silver
2057976	DALI Emergency	Silver
2057997	Electronic / Phase Dimmable	White
2057998	DALI Dimmable	White
2057999	Electronic / Phase Dim Emergency	White
2058000	DALI Emergency	White



3,000K

IP20 Housing Only - Flood 4,000K

Code	Description	Reflector Colour
2057977	Electronic / Phase Dimmable	Silver
2057978	DALI Dimmable	Silver
2057979	Electronic / Phase Dim Emergency	Silver
2057980	DALI Emergency	Silver
2058001	Electronic / Phase Dimmable	White
2058002	DALI Dimmable	White
2058003	Electronic / Phase Dim Emergency	White
2058004	DALI Emergency	White



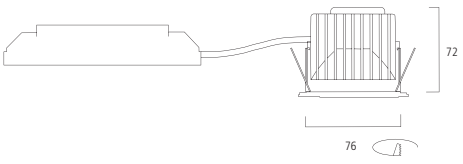
4,000K

Trim (Bezel) Accessories

Order Separately to fit IP20 Housing

Code	Description	Reflector Colour
2059059	White Trim (Bezel)	White
2059060	Silver Trim (Bezel)	Silver

	Lumen output (lm)	Power Consumption (W)	Efficacy (lm/W)
2,700K Silver Reflector	1167	10	117
3,000K Silver Reflector	1037	10	104
4,000K Silver Reflector	1023	10	102



Dimensions (mm)

Silver Reflector

White Reflector

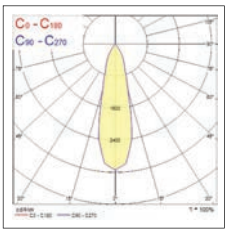
- 10W, CRI 85 LED light engine mimic MR16 50W perfect for domestic installations
- Silver, White reflectors to match any interior
- New 2,700K colour temperature offering (Amber Warm White) perfect for domestic installations.
- 3,000K (Warm White) and 4,000K (Neutral White)
- 28 degree beam

LIGHT SOURCE INCLUDED

IP65

IP65 Spot with White Bezel 2,700K

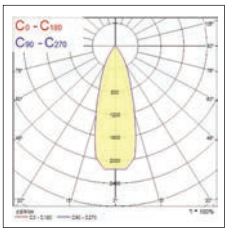
Code	Description	Reflector Colour
2059237	Electronic / Phase Dimmable	Silver
2059238	DALI Dimmable	Silver
2059239	Electronic / Phase Dim Emergency	Silver
2059240	DALI Emergency	Silver
2058856	Electronic / Phase Dimmable	White
2058857	DALI Dimmable	White
2058858	Electronic / Phase Dim Emergency	White
2058859	DALI Emergency	White



2,700K

IP65 Spot with White Bezel 3,000K

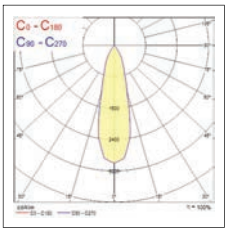
Code	Description	Reflector Colour
2059241	Electronic / Phase Dimmable	Silver
2059242	DALI Dimmable	Silver
2059243	Electronic / Phase Dim Emergency	Silver
2059244	DALI Emergency	Silver
2058860	Electronic / Phase Dimmable	White
2058861	DALI Dimmable	White
2058862	Electronic / Phase Dim Emergency	White
2058863	DALI Emergency	White



3,000K

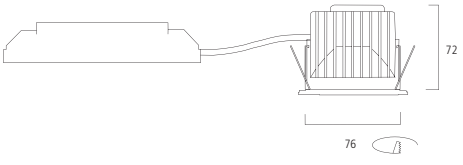
IP65 Spot with White Bezel 4,000K

Code	Description	Reflector Colour
2059245	Electronic / Phase Dimmable	Silver
2059246	DALI Dimmable	Silver
2059247	Electronic / Phase Dim Emergency	Silver
2059248	DALI Emergency	Silver
2058864	Electronic / Phase Dimmable	White
2058865	DALI Dimmable	White
2058866	Electronic / Phase Dim Emergency	White
2058867	DALI Emergency	White



4,000K

	Lumen output (lm)	Power Consumption (W)	Efficacy (lm/W)
2,700K Silver Reflector	1241	10	124
3,000K Silver Reflector	1106	10	111
4,000K Silver Reflector	1132	10	113



Dimensions (mm)

Silver Reflector

White Reflector

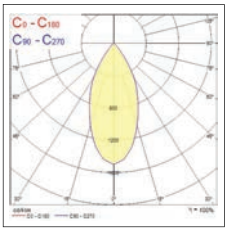
- 10W, CRI 85 LED light engine mimic MR16 50W perfect for domestic installations
- Offers Silver, White reflectors to match any interior
- New 2,700K colour temperature offering (Amber Warm White) perfect for domestic installations. Plus 3,000K (Warm White) and 4,000K (Neutral White)
- 46 degree beam

LIGHT SOURCE INCLUDED

IP65

IP65 Flood with White Bezel 2,700K

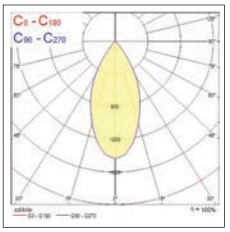
Code	Description	Reflector Colour
2059249	Electronic / Phase Dimmable	Silver
2059250	DALI Dimmable	Silver
2059251	Electronic / Phase Dim Emergency	Silver
2059252	DALI Emergency	Silver
2058868	Electronic / Phase Dimmable	White
2058869	DALI Dimmable	White
2058870	Electronic / Phase Dim Emergency	White
2058871	DALI Emergency	White



2,700K

IP65 Flood with White Bezel 3,000K

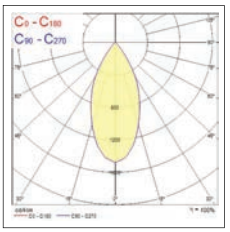
Code	Description	Reflector Colour
2059253	Electronic / Phase Dimmable	Silver
2059254	DALI Dimmable	Silver
2059255	Electronic / Phase Dim Emergency	Silver
2059256	DALI Emergency	Silver
2058872	Electronic / Phase Dimmable	White
2058873	DALI Dimmable	White
2058874	Electronic / Phase Dim Emergency	White
2058875	DALI Emergency	White



3,000K

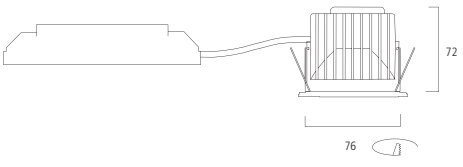
IP65 Flood with White Bezel 4,000K

Code	Description	Reflector Colour
2059257	Electronic / Phase Dimmable	Silver
2059258	DALI Dimmable	Silver
2059259	Electronic / Phase Dim Emergency	Silver
2059260	DALI Emergency	Silver
2058876	Electronic / Phase Dimmable	White
2058877	DALI Dimmable	White
2058878	Electronic / Phase Dim Emergency	White
2058879	DALI Emergency	White



4,000K

	Lumen output (lm)	Power Consumption (W)	Efficacy (lm/W)
2,700K Silver Reflector	1128	10	113
3,000K Silver Reflector	988	10	99
4,000K Silver Reflector	977	10	98



Dimensions (mm)

Myriad Deco - IP65 Spot with Chrome Bezel

Silver Reflector

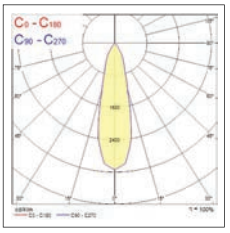
White Reflector

- IP65 10W, CRI 85 LED light engine mimic MR16 50W perfect for domestic installations
- Offers Silver, White reflectors to match any interior
- New 2,700K colour temperature offering (Amber Warm White) perfect for domestic installations.
- 3,000K (Warm White) and 4,000K (Neutral White)
- 28 degree beam

LIGHT SOURCE INCLUDED

IP65 with Chrome Bezel - Spot 2,700K

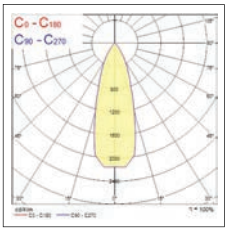
Code	Description	Reflector Colour
2058904	Electronic / Phase Dimmable	Silver
2058905	DALI Dimmable	Silver
2058906	Electronic / Phase Dim Emergency	Silver
2058907	DALI Emergency	Silver
2058928	Electronic / Phase Dimmable	White
2058929	DALI Dimmable	White
2058930	Electronic / Phase Dim Emergency	White
2058931	DALI Emergency	White



2,700K

IP65 with Chrome Bezel - Spot 3,000K

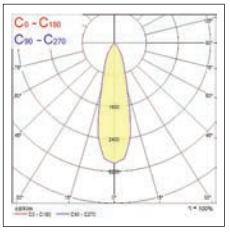
Code	Description	Reflector Colour
2058908	Electronic / Phase Dimmable	Silver
2058909	DALI Dimmable	Silver
2058910	Electronic / Phase Dim Emergency	Silver
2058911	DALI Emergency	Silver
2058932	Electronic / Phase Dimmable	White
2058933	DALI Dimmable	White
2058934	Electronic / Phase Dim Emergency	White
2058935	DALI Emergency	White



3,000K

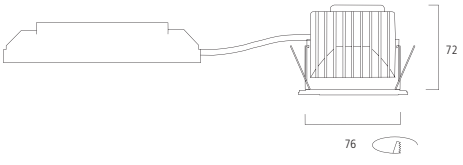
IP65 with Chrome Bezel - Spot 4,000K

Code	Description	Reflector Colour
2058912	Electronic / Phase Dimmable	Silver
2058913	DALI Dimmable	Silver
2058914	Electronic / Phase Dim Emergency	Silver
2058915	DALI Emergency	Silver
2058936	Electronic / Phase Dimmable	White
2058937	DALI Dimmable	White
2058938	Electronic / Phase Dim Emergency	White
2058939	DALI Emergency	White



4,000K

	Lumen output (lm)	Power Consumption (W)	Efficacy (lm/W)
2,700K Silver Reflector	1241	10	124
3,000K Silver Reflector	1106	10	111
4,000K Silver Reflector	1132	10	113



Dimensions (mm)

Silver Reflector

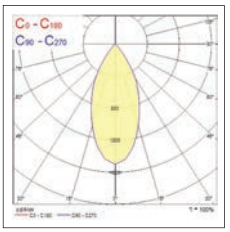
White Reflector

- IP65 10W, CRI 85 LED light engine mimic MR16 50W perfect for domestic installations
- Offers Silver, White reflectors to match any interior
- New 2,700K colour temperature offering (Amber Warm White) perfect for domestic installations.
- 3,000K (Warm White) and 4,000K (Neutral White)
- 46 degree beam

LIGHT SOURCE INCLUDED

IP65 with Chrome Bezel - Flood 2,700K

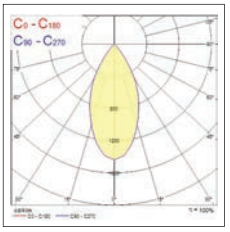
Code	Description	Reflector Colour
2058916	Electronic / Phase Dimmable	Silver
2058917	DALI Dimmable	Silver
2058918	Electronic / Phase Dim Emergency	Silver
2058919	DALI Emergency	Silver
2058940	Electronic / Phase Dimmable	White
2058941	DALI Dimmable	White
2058942	Electronic / Phase Dim Emergency	White
2058943	DALI Emergency	White



2,700K

IP65 with Chrome Bezel - Flood 3,000K

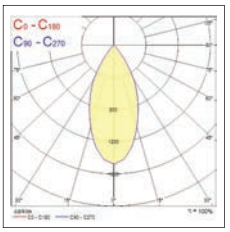
Code	Description	Reflector Colour
2058920	Electronic / Phase Dimmable	Silver
2058921	DALI Dimmable	Silver
2058922	Electronic / Phase Dim Emergency	Silver
2058923	DALI Emergency	Silver
2058944	Electronic / Phase Dimmable	White
2058945	DALI Dimmable	White
2058946	Electronic / Phase Dim Emergency	White
2058947	DALI Emergency	White



3,000K

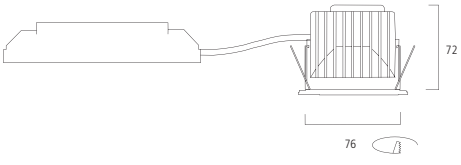
IP65 with Chrome Bezel - Flood 4,000K

Code	Description	Reflector Colour
2058924	Electronic / Phase Dimmable	Silver
2058925	DALI Dimmable	Silver
2058926	Electronic / Phase Dim Emergency	Silver
2058927	DALI Emergency	Silver
2058948	Electronic / Phase Dimmable	White
2058949	DALI Dimmable	White
2058950	Electronic / Phase Dim Emergency	White
2058951	DALI Emergency	White



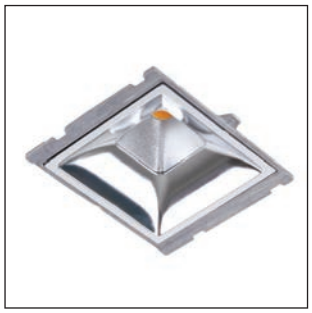
4,000K

	Lumen output (lm)	Power Consumption (W)	Efficacy (lm/W)
2,700K Silver Reflector	1128	10	113
3,000K Silver Reflector	988	10	99
4,000K Silver Reflector	977	10	98



Dimensions (mm)

Myriad V LED Square - Silver Reflector



- Square decorative downlight with a silver reflector and choice of additional accessories
- Energy efficient light source with far superior luminous flux per watt than existing Low Voltage Halogen
- IP44 with the appropriate accessory
- New range of Architectural accessories each providing a different lit dimension
- Choice of colour temperatures 3,000K, 4,000K
- Luminaires supplied complete with LED drivers
- Emergency versions pass through cut out
- New completely flush plaster up accessory ring for clean ceiling lines and smooth finish
- Total circuit power 10W, CRI 85
- For bezel version, order Myriad V LED Square + coloured bezel accessory
- For plaster up version, order Myriad V LED Square + Plaster up accessory
- For plaster up versions, order corresponding/relevant plaster up accessory e.g.

  IP65 model - 2057925 + 2056912

  Housing only - 2057933 + 2056908

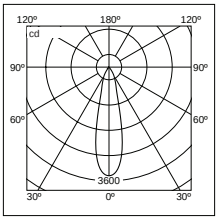
LIGHT SOURCE INCLUDED

IP44 IP20

with accessories

Myriad Square Spot - Housing Only

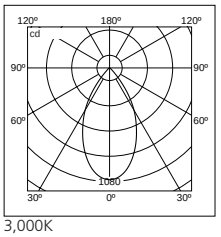
Code	Description
Myriad Square Spot - Silver Reflector 3,000K	
2056274	Electronic / Phase Dimmable
2056276	DALI Dimmable
2056275	Electronic / Phase Dim Emergency
2056277	DALI Emergency
Myriad Square Spot - Silver Reflector 4,000K	
2056280	Electronic / Phase Dimmable
2056282	DALI Dimmable
2056281	Electronic / Phase Dim Emergency
2056283	DALI Emergency



3,000K

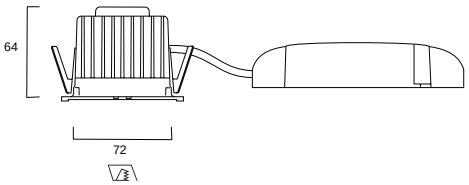
Myriad Square Flood - Housing Only

Code	Description
Myriad Square Flood - Silver Reflector 3,000K	
2056310	Electronic / Phase Dimmable
2056312	DALI Dimmable
2056311	Electronic / Phase Dim Emergency
2056313	DALI Emergency
Myriad Square Flood - Silver Reflector 4,000K	
2056316	Electronic / Phase Dimmable
2056318	DALI Dimmable
2056317	Electronic / Phase Dim Emergency
2056319	DALI Emergency



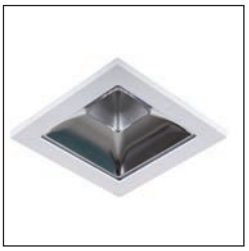
3,000K

	Lumen output (lm)	Power Consumption (W)	Efficacy (lm/W)
3,000K Spot	1092	10	109
4,000K Spot	1084	10	108
3,000K Flood	1165	10	117
4,000K Flood	1142	10	114



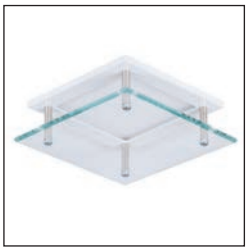
Dimensions (mm)

Accessories



2056274 + 2056901

2056907



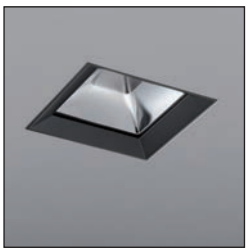
2056903

2056905

2056906

Myriad Square Accessories

Code	Description
2056901	MYRIAD White Bezel Square Only
2056902	MYRIAD Silver Bezel Square Only
2056903	MYRIAD White Bezel Square+Float Glass
2056904	MYRIAD Silver Bezel Square+Float Glass
2056905	MYRIAD Kometa Square
2056906	MYRIAD White Bezel Dropped Square
2056907	MYRIAD Silver Bezel Dropped Square
2056488	MYRIAD White Bezel Square & Glass IP44
2056489	MYRIAD Silver Bezel Square & Glass IP44



2056274 + 2056910

2056316 + 2056908

Plaster Up Accessories

(Colour quoted applies to the trim only and not the reflector)

Code	Description
2056908	MYRIAD Plaster Up Square Silver trim
2056909	MYRIAD Plaster Up Square White trim
2056910	MYRIAD Plaster Up Square Black Trim

Myriad V LED Square IP65 Chrome Bezel - Silver Reflector

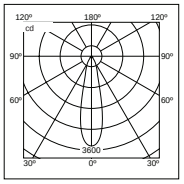
Chrome Bezel Silver Reflector

- New high output high efficiency LED downlight modules
- IR/UV - free light source without heat radiation
- Energy efficient light source with far superior luminous flux per watt than existing Low Voltage Halogen
- Dimmable options including DALI as standard
- IP65
- Choice of colour temperatures: 3,000K and 4,000K
- Luminaires supplied complete with LED driver
- Emergency versions passes through cut out
- Total circuit power 10W, CRI 85

LIGHT SOURCE INCLUDED

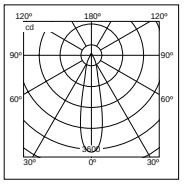
Myriad Square - IP65 Chrome Bezel

Code	Description
Myriad Square Spot - IP65 Housing Silver Reflector 3,000K	
2056418	Electronic / Phase Dimmable
2056420	DALI Dimmable
2056419	Electronic / Phase Dim Emergency
2056421	DALI Emergency



3,000K

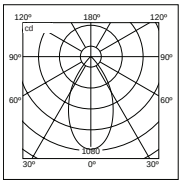
Myriad Square Spot - IP65 Housing Silver Reflector 4,000K	
2056424	Electronic / Phase Dimmable
2056426	DALI Dimmable
2056425	Electronic / Phase Dim Emergency
2056427	DALI Emergency



4,000K

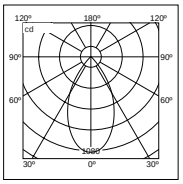
Myriad Square Flood - IP65 Chrome Bezel

Code	Description
Myriad Square Flood - IP65 Housing Silver Reflector 3,000K	
2056454	Electronic / Phase Dimmable
2056456	DALI Dimmable
2056455	Electronic / Phase Dim Emergency
2056457	DALI Emergency



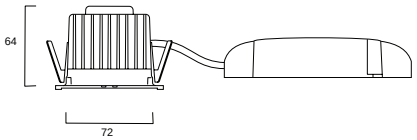
3,000K

Myriad Square Flood - IP65 Housing Silver Reflector 4,000K	
2056460	Electronic / Phase Dimmable
2056462	DALI Dimmable
2056461	Electronic / Phase Dim Emergency
2056463	DALI Emergency



4,000K

	Lumen output (lm)	Power Consumption (W)	Efficacy (lm/W)
3,000K Spot	1032	10	103
4,000K Spot	1054	10	105
3,000K Flood	1105	10	111
4,000K Flood	1122	10	112



Dimensions (mm)

Myriad V LED Square IP65 White Bezel - Silver Reflector

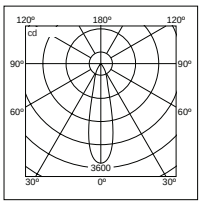
White Bezel Silver Reflector

- New high output high efficiency LED downlight modules
- IR/UV - free light source without heat radiation
- Energy efficient light source with far superior luminous flux per watt than existing Low Voltage Halogen
- Dimmable options including DALI as standard
- IP65
- Choice of colour temperatures: 3,000K and 4,000K
- Luminaires supplied complete with LED driver
- Emergency versions passes through cut out
- Total circuit power 10W, CRI 85

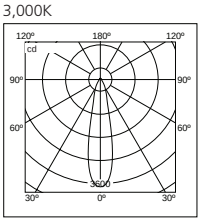
LIGHT SOURCE INCLUDED

Myriad Square - IP65 White Bezel

Code	Description
Myriad Square Spot - IP65 Housing Silver Reflector 3,000K	
2056346	Electronic / Phase Dimmable
2056348	DALI Dimmable
2056347	Electronic / Phase Dim Emergency
2056349	DALI Emergency
Myriad Square Spot - IP65 Housing Silver Reflector 4,000K	
2056352	Electronic / Phase Dimmable
2056354	DALI Dimmable
2056353	Electronic / Phase Dim Emergency
2056355	DALI Emergency



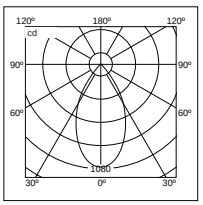
3,000K



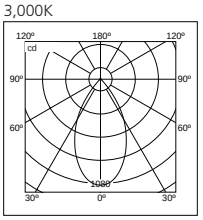
4,000K

Myriad Square Flood - IP65 White Bezel

Code	Description
Myriad Square Flood - IP65 Housing Silver Reflector 3,000K	
2056382	Electronic / Phase Dimmable
2056384	DALI Dimmable
2056383	Electronic / Phase Dim Emergency
2056385	DALI Emergency
Myriad Square Flood - IP65 Housing Silver Reflector 4,000K	
2056388	Electronic / Phase Dimmable
2056390	DALI Dimmable
2056389	Electronic / Phase Dim Emergency
2056391	DALI Emergency

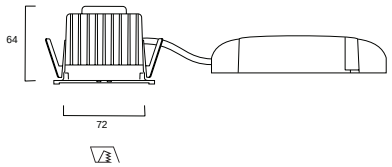


3,000K



4,000K

	Lumen output (lm)	Power Consumption (W)	Efficacy (lm/W)
3,000K Spot	1032	10	103
4,000K Spot	1054	10	105
3,000K Flood	1105	10	111
4,000K Flood	1122	10	112



Dimensions (mm)

Myriad Adjustable the next generation in accent downlighting, has the ability to place light wherever you want to create ambience and drama. Ideal for a diverse range of applications, Myriad Adjustable is adjustable through 25° tilt and 360° rotation and features a wide 24° beam angle. Designed to be similar in appearance with other models in the Myriad range this offers uniformity within a lighting scheme.
The usual benefits of LED technology apply here in the form of long life, low maintainance and high quality of light

Myriad Adjustable

White Housing, White Bezel

White Housing, Silver Bezel

Black Housing, White Bezel

Black Housing, Silver Bezel

- Unique adjustable LED accent downlight delivering warm and comforting light
- Place light where you need it with a 25° tilt angle
- 24° beam angle provides a rich beam of light
- Features efficient LED technology an ideal Halogen replacement
- 10 Watt Power Consumption
- Lumen output: 567lm (2,700K), 702lm (3,000K), 684lm (4,000K)
- CRI: 85
- Complimentary internal body and bezel colours
- Choice of versions White or Silver Bezels
- Ideal for high end residential solutions, receptions and hospitality

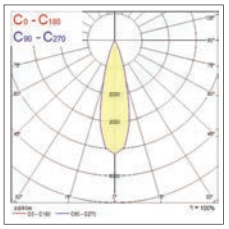
LIGHT SOURCE INCLUDED

IP20

LED

Myriad Adjustable Round - 2,700K

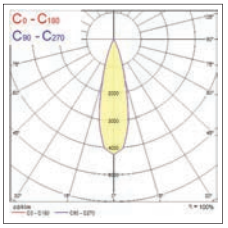
Code	Description	Housing Colour
2058029	Electronic / Phase Dimmable White Bezel	White
2058030	DALI Dimmable White Bezel	White
2058031	Electronic / Phase Dimmable Silver Bezel	White
2058032	DALI Dimmable Silver Bezel	White
2058033	Electronic / Phase Dimmable White Bezel	Black
2058034	DALI Dimmable White Bezel	Black
2058035	Electronic / Phase Dimmable Silver Bezel	Black
2058036	DALI Dimmable Silver Bezel	Black



2,700K

Myriad Adjustable Round - 3,000K

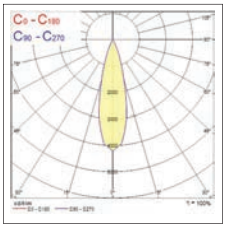
Code	Description	Housing Colour
2056208	Electronic / Phase Dimmable White Bezel	White
2056209	DALI Dimmable White Bezel	White
2056210	Electronic / Phase Dimmable Silver Bezel	White
2056211	DALI Dimmable Silver Bezel	White
2056216	Electronic / Phase Dimmable White Bezel	Black
2056217	DALI Dimmable White Bezel	Black
2056218	Electronic / Phase Dimmable Silver Bezel	Black
2056219	DALI Dimmable Silver Bezel	Black



3,000K

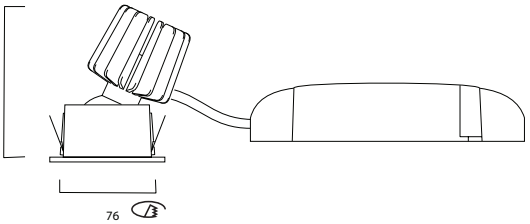
Myriad Adjustable Round - 4,000K

Code	Description	Housing Colour
2056212	Electronic / Phase Dimmable White Bezel	White
2056213	DALI Dimmable White Bezel	White
2056214	Electronic / Phase Dimmable Silver Bezel	White
2056215	DALI Dimmable Silver Bezel	White
2056220	Electronic / Phase Dimmable White Bezel	Black
2056221	DALI Dimmable White Bezel	Black
2056222	Electronic / Phase Dimmable Silver Bezel	Black
2056223	DALI Dimmable Silver Bezel	Black



4,000K

	Lumen output (lm)	Power Consumption (W)	Efficacy (lm/W)
3,000K	702	10	70
4,000K	684	10	68



Dimensions (mm)

White Housing, White Bezel

White Housing, Silver Bezel

Black Housing, White Bezel

Black Housing, Silver Bezel

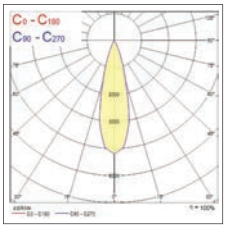
- Unique adjustable LED accent downlight delivering warm and comforting light
- Place light where you need it with a 25° tilt angle
- 24° beam angle provides a rich beam of light
- Features ultra efficient LED technology an ideal Halogen replacement
- 10 Watt Power Consumption
- Lumen output: 567lm (2,700K), 702lm (3,000K), 684lm (4,000K)
- CRI: 85
- Complimentary internal body and bezel colours
- Choice of versions, Silver or White bezels
- Ideal for high end residential solutions, receptions and hospitality

LIGHT SOURCE INCLUDED

IP20 360°

Myriad Adjustable Square - 2,700K

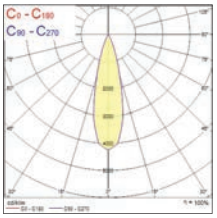
Code	Description	Housing Colour
2058037	Electronic / Phase Dimmable White Bezel	White
2058038	DALI Dimmable White Bezel	White
2058039	Electronic / Phase Dimmable Silver Bezel	White
2058040	DALI Dimmable Silver Bezel	White
2058041	Electronic / Phase Dimmable White Bezel	Black
2058042	DALI Dimmable White Bezel	Black
2058043	Electronic / Phase Dimmable Silver Bezel	Black
2058044	DALI Dimmable Silver Bezel	Black



2,700K

Myriad Adjustable Square - 3,000K

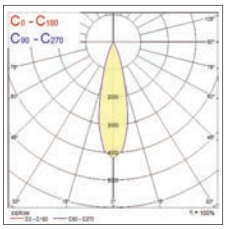
Code	Description	Housing Colour
2056224	Electronic / Phase Dimmable White Bezel	White
2056225	DALI Dimmable White Bezel	White
2056226	Electronic / Phase Dimmable Silver Bezel	White
2056227	DALI Dimmable Silver Bezel	White
2056232	Electronic / Phase Dimmable White Bezel	Black
2056233	DALI Dimmable White Bezel	Black
2056234	Electronic / Phase Dimmable Silver Bezel	Black
2056235	DALI Dimmable Silver Bezel	Black



3,000K

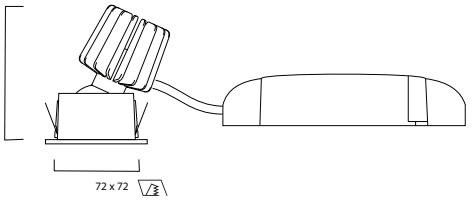
Myriad Adjustable Square - 4,000K

Code	Description	Housing Colour
2056228	Electronic / Phase Dimmable White Bezel	White
2056229	DALI Dimmable White Bezel	White
2056230	Electronic / Phase Dimmable Silver Bezel	White
2056231	DALI Dimmable Silver Bezel	White
2056236	Electronic / Phase Dimmable White Bezel	Black
2056237	DALI Dimmable White Bezel	Black
2056238	Electronic / Phase Dimmable Silver Bezel	Black
2056239	DALI Dimmable Silver Bezel	Black



4,000K

	Lumen output (lm)	Power Consumption (W)	Efficacy (lm/W)
3,000K	702	10	70
4,000K	684	10	68



Dimensions (mm)

Black Housing, White Bezel

White Housing, White Bezel

Black Housing, White Bezel

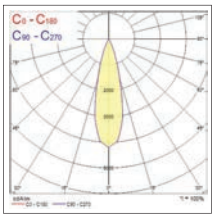
- Unique adjustable LED accent downlight delivering warm and comforting light
- Place light where you need it with a 25° tilt angle
- 24° beam angle provides a rich beam of light
- Features ultra efficient LED technology - an ideal Halogen replacement
- 20 Watt Power Consumption
- Lumen output: 1134lm (2,700K), 1404lm (3,000K), 1368lm (4,000K)
- CRI: 85
- Complimentary internal body and bezel colours
- Ideal for high end residential solutions, receptions and hospitality

LIGHT SOURCE INCLUDED

IP20 360°

Myriad Adjustable Twin - 2,700K

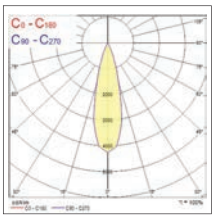
Code	Description	Housing Colour
2056242	Electronic / Phase Dimmable White Bezel	White
2056243	DALI Dimmable White Bezel	White
2056240	Electronic / Phase Dimmable White Bezel	Black
2056241	DALI Dimmable White Bezel	Black



Each 2,700K twin luminaire contains 2 of the above modules

Myriad Adjustable Twin - 3,000K

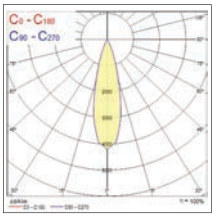
Code	Description	Housing Colour
2056246	Electronic / Phase Dimmable White Bezel	White
2056247	DALI Dimmable White Bezel	White
2056244	Electronic / Phase Dimmable White Bezel	Black
2056245	DALI Dimmable White Bezel	Black



Each 3,000K twin luminaire contains 2 of the above modules

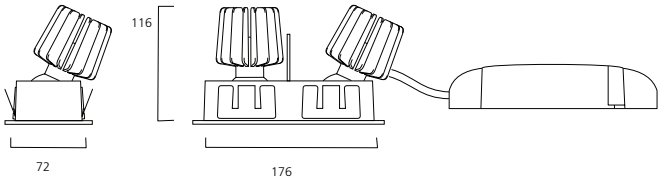
Myriad Adjustable Twin - 4,000K

Code	Description	Housing Colour
2056250	Electronic / Phase Dimmable White Bezel	White
2056251	DALI Dimmable White Bezel	White
2056248	Electronic / Phase Dimmable White Bezel	Black
2056249	DALI Dimmable White Bezel	Black



Each 4,000K twin luminaire contains 2 of the above modules

	Lumen output (lm)	Power Consumption (W)	Efficacy (lm/W)
3,000K	1404	20	70
4,000K	1368	20	68



Dimensions (mm)

Black Housing, Silver Bezel

Black Housing, Silver Bezel

- Unique adjustable LED accent downlight delivering warm and comforting light
- Place light where you need it with a 25° tilt angle
- 24° beam angle provides a rich beam of light
- Features ultra efficient LED technology an ideal Halogen replacement
- 20 Watt Power Consumption
- Lumen output: 1,134lm (2,700K), 1,404lm (3,000K), 1,368lm (4,000K)
- CRI: 85
- Complimentary internal body and bezel colours
- Ideal for high end residential solutions, receptions and hospitality

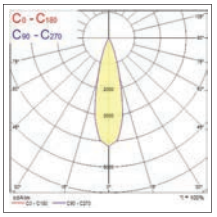
LIGHT SOURCE INCLUDED

IP20 360°

LED

Myriad Adjustable Twin - 2,700K

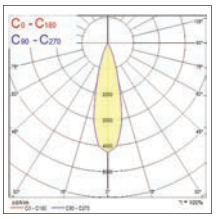
Code	Description	Housing Colour
2056255	Electronic / Phase Dimmable Silver Bezel	Black
2056256	DALI Dimmable Silver Bezel	Black
2056257	Electronic / Phase Dimmable Silver Bezel	White
2056258	DALI Dimmable Silver Bezel	White



Each 2,700K twin luminaire contains 2 of the above modules

Myriad Adjustable Twin - 3,000K

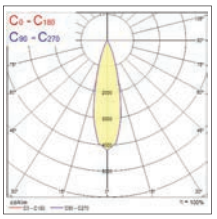
Code	Description	Housing Colour
2056259	Electronic / Phase Dimmable Silver Bezel	Black
2056260	DALI Dimmable Silver Bezel	Black
2056261	Electronic / Phase Dimmable Silver Bezel	White
2056262	DALI Dimmable Silver Bezel	White



Each 3,000K twin luminaire contains 2 of the above modules

Myriad Adjustable Twin - 4,000K

Code	Description	Housing Colour
2056263	Electronic / Phase Dimmable Silver Bezel	Black
2056264	DALI Dimmable Silver Bezel	Black
2056265	Electronic / Phase Dimmable Silver Bezel	White
2056266	DALI Dimmable Silver Bezel	White



Each 4,000K twin luminaire contains 2 of the above modules

2056252

2056253

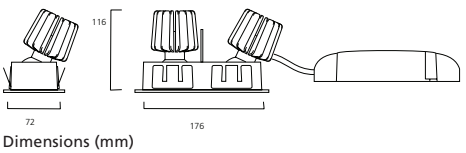
2056254

Myriad Adjustable Twin Accessories

Code	Description	Trim Colour
2056252	MYRD AD TWIN PL UP KIT	Black
2056253	MYRD AD TWIN PL UP KIT	White
2056254	MYRD AD TWIN PL UP KIT	Silver

2056242 + 2056253 (installed plaster up kit)

	Lumen output (lm)	Power Consumption (W)	Efficacy (lm/W)
3,000K	1404	20	70
4,000K	1368	20	68



Dimensions (mm)

SUPER
DRY
REPLAY

Control gear: Electronic
Finish: Powder coated white

- The Ocullo LED is `the' solution for lighting in retail whether it is for display lighting or wider general lighting
- With lumen packages ranging from 3,000lm to 4,325lm the Ocullo provides the quantity of light necessary to effectively illuminate a retail space (replacing a 35W and 50W HID lamp)
- With 90 CRI across the entire range as standard, Ocullo provides brilliant quality of light thereby providing true expressions of colour
- With the utilisation of the specially designed sparkle ring, the Ocullo LED can effectively replicate the sparkle effect observed with traditional HID solutions and with effective thermal management, the Ocullo can deliver high quality light at a very low wattage
- The Ocullo LED is available in Mono (Round and Square), Duo and Trio versions. It is offered with a host of beam angle accessories ensuring you have full freedom and flexibility in the lighting of the end user space

Ocullo LED V2

Ocullo LED V2 - Round

Ocullo LED Round

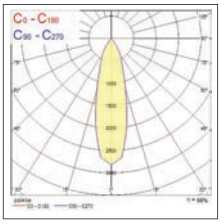
- Perfect fitting for the Retail channel with its high lumen package and quality of light
- Available with 3,045lm upto 4,325lm outputs allowing for the replacement of 35W and 50W CMI lamp sources
- 90CRI as standard delivering excellent light quality
- The use of an optimised bright aluminium design utilising a light distribution band we can replicate the sparkle effect of traditional CMI light sources
- High efficiency, will help you comply with Building regulations – up to 95lm/W (total system efficiency on Ocullo LED 4,000K version)
- Available in warm white (3,000K) or neutral white (4,000K)
- Supplied with LED driver (non-dimmable)
- Fully adjustable head allowing for gimbular adjustability
- Low maintenance cost with 50,000 hours life expectancy

LIGHT SOURCE INCLUDED

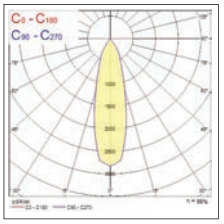
Round (White Bezel)

Code	Description
Mono	
3032404	Ocullo LED V2 RD Mono 3,000K
3032405	Ocullo LED V2 RD Mono 4,000K
Mono High Output	
3032408	Ocullo LED V2 RD Mono 3,000K HO
3032409	Ocullo LED V2 RD Mono 4,000K HO

4,000K = Neutral White, 3,000K = Warm White



Ocullo LED V2 Round



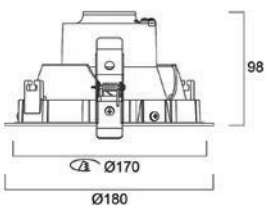
Ocullo LED V2 Round High Output

Accessories

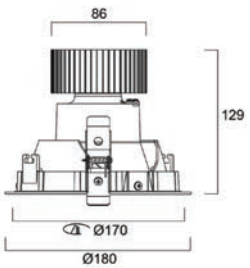
Code	Description
3033450	Ocullo LED Narrow Beam Reflector
3033451	Ocullo LED Wide Beam Reflector
3033452	Ocullo LED Flood Beam Reflector

Ocullo LED V2 Performance Matrix

Fixture	Mono	Mono HO
Colour Temperature	4,000K	4,000K
Fixture Lumens	3,139m	4,325lm
Actual Power	33W	48W
Lumens / Circuit Watt	95lm/w	90lm/w



Ocullo LED Round



Ocullo LED Round HO

Ocullo LED Square – Mono

Ocullo LED Square – Duo

Ocullo LED Square – Trio

- Perfect fitting for the Retail channel with its high lumen package and quality of light
- Available with 3,045lm upto 4,325lm (per head) outputs allowing for the replacement of 35W and 50W CMI lamp sources
- 90CRI as standard delivering excellent light quality
- The use of an optimised bright aluminium design utilising a light distribution band we can replicate the sparkle effect of traditional CMI light sources
- High efficiency, will help you comply with Building regulations – up to 95lm/W (total system efficiency on Ocullo LED 4,000K version)
- Available in warm white (3,000K) or neutral white (4,000K)
- Supplied with LED driver (non-dimmable)
- Fully adjustable head allowing for gimbular adjustability
- Low maintenance cost with 50,000 hours life expectancy.

LIGHT SOURCE INCLUDED

Square – Mono (White Bezel)

Code	Description
Mono	
3032431	Ocullo LED V2 SQ Mono 3,000K
3032432	Ocullo LED V2 SQ Mono 4,000K
Mono High Output	
3032443	Ocullo LED V2 SQ Mono 3,000K HO
3032444	Ocullo LED V2 SQ Mono 4,000K HO

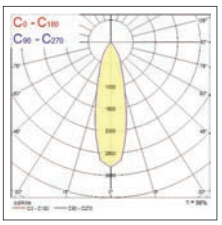
Square – Duo (White Bezel)

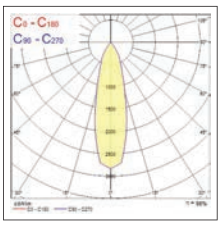
Code	Description
Duo	
3032433	Ocullo LED V2 SQ Duo 3,000K
3032434	Ocullo LED V2 SQ Duo 4,000K
Duo High Output	
3032445	Ocullo LED V2 SQ Duo 3,000K HO
3032446	Ocullo LED V2 SQ Duo 4,000K HO

Square – Trio (White Bezel)

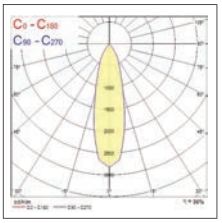
Code	Description
Trio	
3032435	Ocullo LED V2 SQ Trio 3,000K
3032436	Ocullo LED V2 SQ Trio 4,000K
Trio High Output	
3032447	Ocullo LED V2 SQ Trio 3,000K HO
3032448	Ocullo LED V2 SQ Trio 4,000K HO

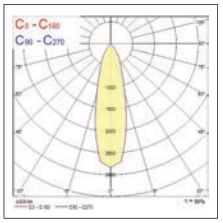
4,000K = Neutral White, 3,000K = Warm White



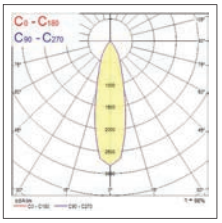


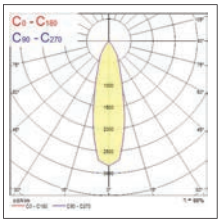
Ocullo LED Square – Mono





Ocullo LED Square – Duo





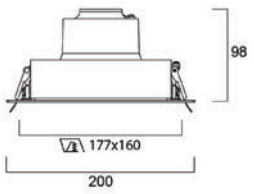
Ocullo LED Square – Trio

Accessories

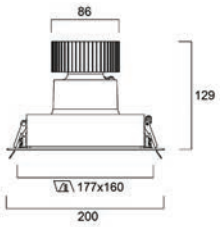
Code	Description
3033450	Ocullo LED Narrow Beam Reflector
3033451	Ocullo LED Wide Beam Reflector
3033452	Ocullo LED Flood Beam Reflector

Ocullo LED V2 Performance Matrix (per head)

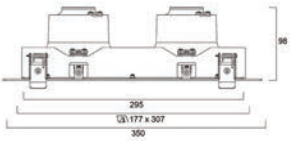
Fixture	1 head	1 head HO
Colour Temperature	4,000K	4,000K
Fixture Lumens	3,139lm	4,325lm
Actual Power	33W	48W
Lumens / Circuit Watt	95lm/w	90lm/w



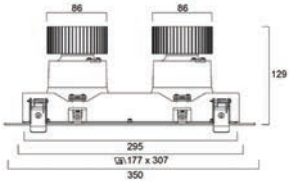
Ocullo LED Square – Mono



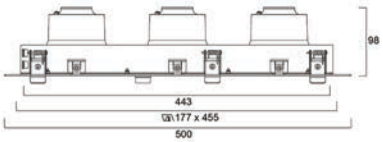
HO Ocullo LED Square – Mono



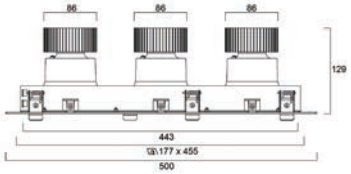
Ocullo LED Square – Duo



HO Ocullo LED Square – Duo



Ocullo LED Square – Trio



HO Ocullo LED Square – Trio HO

RENAULT

PENDANT

Concord

158 Glace

161 Myriad V

SYLVANIA

165 InVerto

168 Nephos V2

The art of ultra modern minimalism lives on in the form of Concord Glace Pendant. With it's clean aesthetic lines and cutting edge LED technology, Glace pendant has a 360° ring of super efficient LEDS at its core to provide perfect homogenous light distribution.

Glace

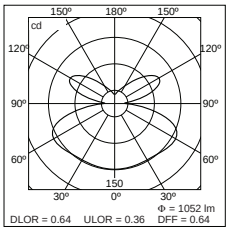
- Super slim architectural design provides ultra modern minimalism with cutting-edge LED technology
- Utilises low power super efficient LED array providing perfect homogenous light distribution
- Superior fixture lumens when compared to existing 38W TC-DD (High Output versions)
- Aesthetic round architectural form
- Compatible with microwave sensors with presence detection, lux and daylight management for optimum energy saving solutions
- 50,000 hrs life at 70% of the original output L70
- Integral LED emergency options
- DALI dimming versions as standard
- The perfect solution modern circulation spaces and high end reception areas

LIGHT SOURCE INCLUDED

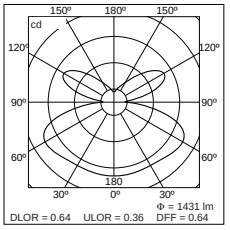
IP44 850°C

Glace Pendant

Code	Description	Front Ring Colour	Luminous Flux (lm)
Glace Pendant 3,000K round			
2055132	Glace Pend 3K HO Rnd	Metalised finish	1,293
2055133	Glace Pend 3K DALI HO Rnd	Metalised finish	1,293
Glace Pendant 4,000K round			
2055134	Glace Pend 4K HO Rnd	Metalised finish	1,431
2055135	Glace Pend 4K DALI HO Rnd	Metalised finish	1,431

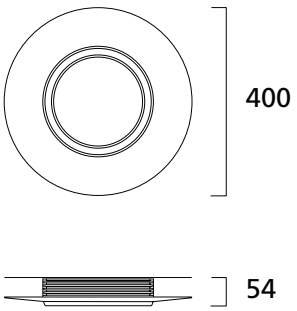


Glace 3,000K HO Round

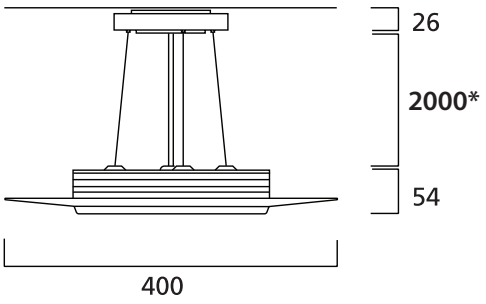


Glace 4,000K HO Round

Round



Modular Pendant



** These wires are 2000mm long, cut to correct length on site.*

Dimensions (mm)

Technology Comparison Table

Description	Lamp	Fixture Lumens	Lamp W	TOTAL W	Total lm/W
Glace LED	4,000K High Output	1431	NA	20	71
Cassini	28W 2D	675	28	32	21

Mazda Showroom, U.K.

- New high output high efficiency LED
- Architectural Pendant modules
- IR/UV – free light source without heat radiation
- Energy efficient light source with far superior luminous flux per watt than existing Low Voltage Halogen
- Long life 50K hours, fit and forget maintenance free lighting solution
- Dimmable options including DALI as standard
- A choice of colour temperatures 2,700K, 3,000K and 4,000K
- Remote gear and Surface mounting options
- Available in White Ral 9016, Silver Ral 9006 & Black Ral 9005
- Luminaires supplied complete with LED drivers

Myriad V

Myriad V Pendant - Silver

Remote Gear

Surface Mounted Polished Chrome Housing for Silver & Black Pendant White housing for White pendants

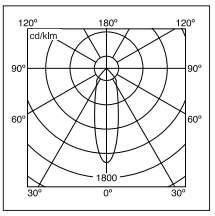
- High output high efficiency LED Architectural Pendant modules
- IR/UV – free light source without heat radiation
- Energy efficient light source with far superior luminous flux per watt than existing Low Voltage Halogen
- Long life up to 50,000K hours, fit and forget maintenance free lighting solution
- Choice of colour temperatures 2,700K, 3,000K and 4,000K
- Remote gear and Surface mounting options
- Available in White Ral 9016, Silver Ral 9006 & Black Ral 9005
- Luminaires supplied complete with LED drivers
- Total circuit power I0W

LIGHT SOURCE INCLUDED

IP20

Remote Gear

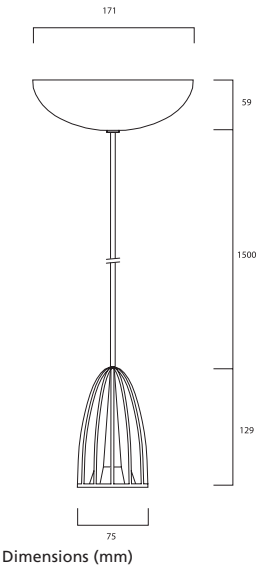
Code	Description
2,700K	
2058976	Myriad Pendant LED Phase Dim Remote Gear
2058977	Myriad Pendant LED DALI Dim Remote Gear
3,000K	
2049586	Myriad Pendant LED Phase Dim Remote Gear
2049592	Myriad Pendant LED DALI Dim Remote Gear
4,000K	
2049588	Myriad Pendant LED Phase Dim Remote Gear
2049594	Myriad Pendant LED DALI Dim Remote Gear



3,000K

Surface Mounted

Code	Description
2,700K	
2058978	Myriad Pendant LED Phase Dim Surface Mounted
2058979	Myriad Pendant LED DALI Dim Surface Mounted
3,000K	
2049550	Myriad Pendant LED DALI Dim Surface Mounted
2049556	Myriad Pendant LED DALI Dim Surface Mounted
4,000K	
2049552	Myriad Pendant LED Phase Dim Surface Mounted
2049558	Myriad Pendant LED DALI Dim Surface Mounted



Dimensions (mm)

Dimmensions (mm)

CCT	CRI	LUMENS	(w)	Lm/w
2700K	85	791	10	79
3000K	85	1114	10	111
4000K	85	1093	10	109

Myriad V Pendant - Black & White

Remote Gear

Surface Mounted Polished Chrome Housing for Silver & Black Pendant White housing for White pendants

- New high output high efficiency LED Architectural Pendant modules
- Total circuit power I0W, upto 1093lm output 4,000K
- IR/UV – free light source without heat radiation
- Long life up to 50,000K hours, fit and forget maintenance free lighting solution
- Dimmable options including DALI as standard
- Choice of colour temperatures 2,700K, 3,000K and 4,000K
- Remote gear and Surface mounting options
- Available in White Ral 9016, Silver Ral 9006 & Black Ral 9005
- Luminaires supplied complete with LED drivers

LIGHT SOURCE INCLUDED

IP20

White - Remote gear

Code	Description
2,700K	
2058980	Myriad Pendant LED Phase Dim Remote Gear
2058981	Myriad Pendant LED DALI Dim Remote Gear
3,000K	
2049585	Myriad Pendant LED Phase Dim Remote Gear
2049591	Myriad Pendant LED DALI Dim Remote Gear
4,000K	
2049587	Myriad Pendant LED Phase Dim Remote Gear
2049593	Myriad Pendant LED DALI Dim Remote Gear

Black - Remote gear

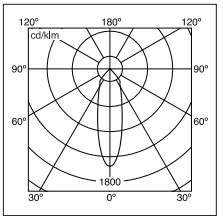
Code	Description
2,700K	
2058984	Myriad Pendant LED Phase Dim Remote Gear
2058985	Myriad Pendant LED DALI Dim Remote Gear
3,000K	
2049597	Myriad Pendant LED Phase Dim Remote Gear
2049600	Myriad Pendant LED DALI Dim Remote Gear
4,000K	
2049598	Myriad Pendant LED Phase Dim Remote Gear
2049601	Myriad Pendant LED DALI Dim Remote Gear

White - Surface mounted

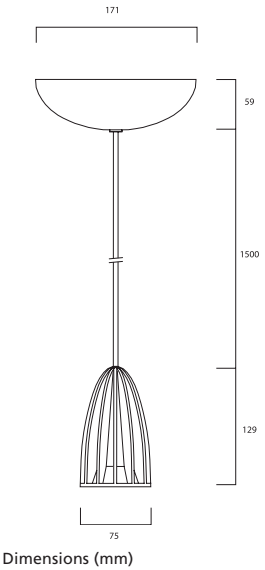
Code	Description
2,700K	
2058982	Myriad Pendant LED Phase Dim Surface Mounted
2058983	Myriad Pendant LED DALI Dim Surface Mounted
3,000K	
2049549	Myriad Pendant LED Phase Dim Surface Mounted
2049555	Myriad Pendant LED DALI Dim Surface Mounted
4,000K	
2049551	Myriad Pendant LED Phase Dim Surface Mounted
2049557	Myriad Pendant LED DALI Dim Surface Mounted

Black - Surface mounted

Code	Description
2,700K	
2058986	Myriad Pendant LED Phase Dim Surface Mounted
2058987	Myriad Pendant LED DALI Dim Surface Mounted
3,000K	
2049579	Myriad Pendant LED Phase Dim Surface Mounted
2049582	Myriad Pendant LED DALI Dim Surface Mounted
4,000K	
2049580	Myriad Pendant LED Phase Dim Surface Mounted
2049583	Myriad Pendant LED DALI Dim Surface Mounted



4,000K



Dimensions (mm)

Dimmensions (mm)

CCT	CRI	LUMENS	(w)	Lm/w
2700K	85	791	10	79
3000K	85	1114	10	111
4000K	85	1093	10	109

25th North row - London, England

Control gear: Electronic
Reflector: Vacuum metalised Polycarbonate
Housing: Choice of 3 standard colours: gloss black, matt white, satin silver. Custom colours available upon request – please consult your local sales force for more information

- Built to IP65 standard (with standard cable). Highly resistant to corrosion and sea mist - ISO 9227 (equivalent to ASTM B117)
- Wire to base pluggable connection for a quick and easy installation
- LED technology: Reduced energy and maintenance costs. No harmful UV or IR radiation. Long lifetime – more than 50,000 hours
- Design that fits the contemporary cubic design trend and ensures continuity of design across a lighting scheme

InVerto

Standard colours

Matt White | Gloss Black | Satin Silver

Custom paint finish suggestions (available upon request)

Gloss Orange | Gloss Red | Matt Green | Matt Teal

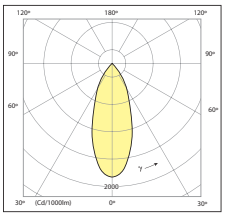
- 16W (high efficiency) or 19W (high output) pendant luminaire - only applies on integral driver version
- Adjustable pendant cable (1.7m as supplied)
- Integral or remote driver options
- 3 standard colours: gloss black, matt white and satin silver
- Freedom of installation - only applies on integral driver version: 350mA or 450mA LED driver, resulting in 16W and 19W respectively 2 settings:
  – High efficiency: 16W 1,617lm at 101lm/W 4,000K, 1,566lm 3,000K
  – High output: 19W providing 2,045lm at 107lm/W, 1,980lm at 3,000K
- Optional colour braided cables for contemporary aesthetic look (IP21 rating)
- Comes with a 40° beam as standard.

LIGHT SOURCE INCLUDED

RoHS WEEE CE

3,000K

Code	Description	Body Colour
Electronic Integral		
3080109	InVerto Pendant 3,000K Surface Mounted	Gloss black
3080110	InVerto Pendant 3,000K Surface Mounted	Matt white
3080111	InVerto Pendant 3,000K Surface Mounted	Satin silver
Electronic Remote		
3080121	InVerto Pend Rmt 3,000K Remote Gear	Gloss black
3080122	InVerto Pend Rmt 3,000K Remote Gear	Matt white
3080123	InVerto Pend Rmt 3,000K Remote Gear	Satin silver



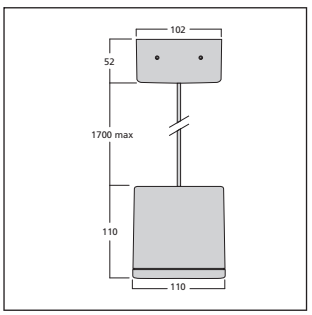
Standard 40° beam angle

4,000K

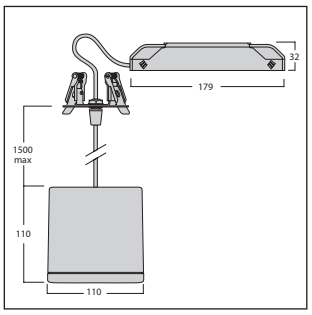
Code	Description	Body Colour
Electronic Integral		
3080049	InVerto Pendant 4,000K Surface Mounted	Gloss black
3070050	InVerto Pendant 4,000K Surface Mounted	Matt white
3080051	InVerto Pendant 4,000K Surface Mounted	Satin silver
Electronic Remote		
3080061	InVerto Pend Rmt 4,000K Remote Gear	Gloss black
3080062	InVerto Pend Rmt 4,000K Remote Gear	Matt white
3080063	InVerto Pend Rmt 4,000K Remote Gear	Satin silver

Legend: 4,000K = Neutral White, 3,000K = Warm White,
Eb = Electronic Ballast, RMT = Remote driver (non switchable)

Integral version



Remote version



Dimensions (mm)

Control gear: Electronic
Diffuser: Diffusing optic made from frosted toughened glass
Housing: Aluminium housing material

- LED pendant luminaires developed for a wide range of hospitality environments
- Contemporary curved design and diffused ambient light, they will add drama to any restaurant dining area, cafe, lounge space or office reception
- Available in a high quality gloss black or gloss white colour finish, suiting a myriad of interiors and making it the ideal choice for interior designers
- Constructed from a single piece of high quality spun aluminium with a diameter of 600mm, polycarbonate diffuser and an easy to adjust 2m suspension cable

Nephos V2

Nephos - White

Nephos - Black

- High-end decorative LED pendant with a contemporary curved design
- Perfect for hospitality and residential applications; can be used in restaurants, bars, reception areas or lounge spaces
- Available in gloss black and gloss white colour finishes to suit either a high brightness reception, or an ambient lounge space
- Diffused (direct) light provides a soft and ambient lighting effect
- Aluminium housing material
- 600mm diameter, can be used as a feature pendant or in a group
- Delivers up to 2,127lm (4000K luminaire lumen output), 25W power consumption
- Easy to adjust 2,000mm suspension cable
- Available in warm white (3000K) and neutral white (4000K)
- Energy efficient electronic gear including DALI dimmable versions as standard
- Long lifetime: 50,000 hours life at 70% of the original output L70

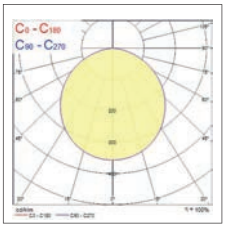
LIGHT SOURCE INCLUDED

Electronic

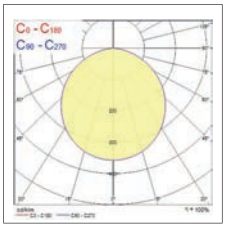
Code	Description
Gloss black	
3097945	NEPHOS 600 LED V2 GLOSS BLACK 3,000K
3097942	NEPHOS 600 LED V2 GLOSS BLACK 4,000K
Gloss white	
3097944	NEPHOS 600 LED V2 GLOSS WHITE 3,000K
3097943	NEPHOS 600 LED V2 GLOSS WHITE 4,000K

DALI dimmable

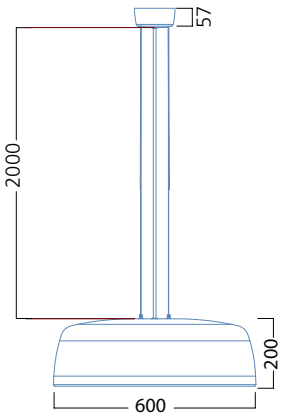
Code	Description
Gloss black	
3097939	NEPHOS 600 LED V2 GLOSS BLACK 3,000K DALI
3097941	NEPHOS 600 LED V2 GLOSS BLACK 4,000K DALI
Gloss white	
3097940	NEPHOS 600 LED V2 GLOSS WHITE 3,000K DALI
3097938	NEPHOS 600 LED V2 GLOSS WHITE 4,000K DALI



Nephos 3,000K



Nephos 4,000K



Dimensions (mm)

LOUNGE BAR
PARTS & ACCESSORIES
CASHIER

Concord

173 Glace II
177 Colossal
181 Cassini II
185 Elite

Northampton, UK

Glace represents the ultimate in ambient lighting. Featuring cutting edge LED technology, this super slim architecturally designed luminaire is the ultimate in minimalist design.

Glace II

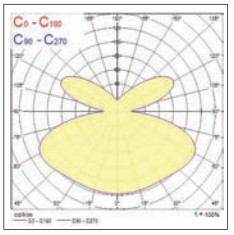
- Super slim architectural design provides ultra modern minimalism with cutting-edge LED technology
- Utilises low power super efficient LED array providing perfect homogenous light distribution
- Superior fixture lumens when compared to existing 38W TC-DD (High Output version)
- Aesthetic round architectural form
- Wall and ceiling mounting
- Compatible with remote microwave sensors with presence detection, lux and daylight management for optimum energy saving solutions
- 50,000 hrs life at 70% of the original output L70
- Integral LED emergency options
- DALI dimming versions as standard
- Ease of installation with place and lock fixing mechanism
- The perfect solutions for corridors, modern circulation spaces and high end reception areas and foyers

LIGHT SOURCE INCLUDED

IP20 850°C

3,000K

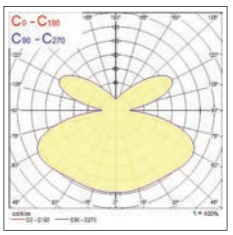
Code	Description
2059780	GLACE 3K HE ROUND V2
2059781	GLACE 3K HE ROUND EMG V2
2059782	GLACE 3K DALI HE ROUND V2
2059783	GLACE 3K DALI HE ROUND EMG V2
2059784	GLACE 3K HO ROUND V2
2059785	GLACE 3K HO ROUND EMG V2
2059786	GLACE 3K DALI HO ROUND V2
2059787	GLACE 3K DALI HO ROUND EMG V2



Glace 4,000K HE Round

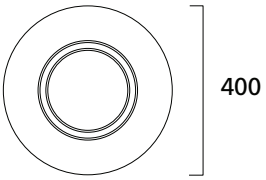
4,000K

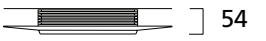
Code	Description
2059788	GLACE 4K HE ROUND V2
2059789	GLACE 4K HE ROUND EMG V2
2059790	GLACE 4K DALI HE ROUND V2
2059791	GLACE 4K DALI HE ROUND EMG V2
2059792	GLACE 4K HO ROUND V2
2059793	GLACE 4K HO ROUND EMG V2
2059794	GLACE 4K DALI HO ROUND V2
2059795	GLACE 4K DALI HO ROUND EMG V2



Glace 4,000K HO Round

Round





Technology Comparison Table

Description	Fixture Lumens	TOTAL W	Total lm/W
Glace 3000K V2 HE	853	10	85
Glace 3000K V2 HO	1,599	20	80
Glace 4000K V2 HE	989	10	99
Glace 4000K V2 HO	1,848	20	92

HE = High Efficiency HO = High Output

Lords Cricket Ground Hospitality

The circular Concord Colossal ambient luminaire is characterised by its minimalist styling. Colossal is designed to compliment any interior whether it is surface mounted or as a pendant.
Manufactured with a slim powder coated aluminium frame, Colossal is not only beautiful to look at it is also highly efficient with an output of 3,800 lumens and 120lm/W Efficacy. This is achieved through the use of a polycarbonate opal diffuser combined with LED technology, with a diameter of Ø450mm x 70mm depth

Colossal LED

- Circular architectural surface mounted or suspended ambient luminaire
- Aluminium housing with polycarbonate opal diffuser for a comfortable visual uniformity
- Output of 3,745 lumens and 120lm/W (4000K)
- Ø450mm diameter
- DALI options availble, along with 3 hour integral emergency
- Long lifetime of 50,000 hours (L70)

LIGHT SOURCE INCLUDED

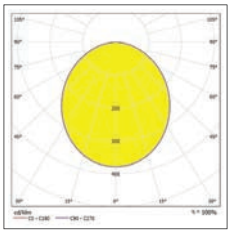
IP40 IK03

Ø 450mm 3,000K

Code	Description
4061170	Colossal 450 3,000K
4061171	Colossal 450 3,000K DALI
4061172	Colossal 450 3,000K E3
4061173	Colossal 450 3,000K DALI E3

Ø 450mm 4,000K

Code	Description
4061174	Colossal 450 4,000K
4061175	Colossal 450 4,000K DALI
4061176	Colossal 450 4,000K E3
4061177	Colossal 450 4,000K DALI E3

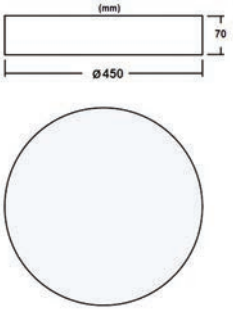


4,000K

Accessories

Code	Description
4061178	Colossal EB 2M WIRE SUSPENSION SET
4061179	Colossal DALI 2M WIRE SUSPENSION SET

Description	Fixture Lumens (lm)	Total Power (W)	Efficiency (lm/W)
Colossal 3000K	3924	31	126
Colossal 4000K	3745	31	120



Dimensions (mm)

Control Gear:	Integral electronic gear
Emergency:	Integral, 3hr maintained
Diffuser:	Polycarbonate, satin opal, UV stabilised
IP65 Housing:	Polycarbonate, clear
Housing/Trim:	Aluminium, powder coated white RAL 9016 or brushed aluminium. Other RAL colours and finishes available to special order.

- Two contemporary styles – Planar and Radius
- Satin glass effect diffuser for high LOR and excellent diffusion
- Ceiling or wall mounted
- Integral emergency options – suitable for use on defined escape routes
- Halo backlight
- Tamper resistant locking feature
- IP65 for wet areas

Cassini II LED

Cassini II Planar LED

Cassini Planar - White

Cassini Planar - Brushed Aluminium

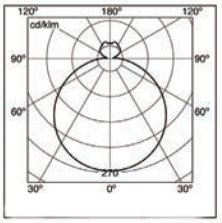
- Excellent flashing provides perfect homogenous light distribution
- Unique feature allowing a choice between High Output or High efficiency with the flick of a switch
- 50,000 hrs life at 70% of the original output L70
- Halo backlight
- IP65 fitting resistant to dust and water jet ingress
- Tamper resistant locking feature
- Ceiling or wall mounted
- Integral emergency options – suitable for use on defined escape routes
- Choice of White and Brushed Aluminium trim finishes
- Compatible with remote microwave sensors for maximum energy savings

LIGHT SOURCE INCLUDED

IP65 900°C

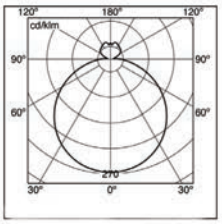
3,000K

Code	Description
White	
4054888	Cassini Planar 3,000K 400mm
4054889	Cassini Planar 3,000K 400mm Emergency
4054890	Cassini Planar 3,000K DALI 400mm
4054891	Cassini Planar 3,000K DALI 400mm Emergency
Brushed Aluminium	
4054904	Cassini Planar 3,000K 400mm
4054905	Cassini Planar 3,000K 400mm Emergency
4054906	Cassini Planar 3,000K DALI 400mm
4054907	Cassini Planar 3,000K DALI 400mm Emergency



4,000K

Code	Description
White	
4054892	Cassini Planar 4,000K 400mm
4054893	Cassini Planar 4,000K 400mm Emergency
4054894	Cassini Planar 4,000K DALI 400mm
4054895	Cassini Planar 4,000K DALI 400mm Emergency
Brushed Aluminium	
4054908	Cassini Planar 4,000K 400mm
4054909	Cassini Planar 4,000K 400mm Emergency
4054910	Cassini Planar 4,000K DALI 400mm
4054911	Cassini Planar 4,000K DALI 400mm Emergency

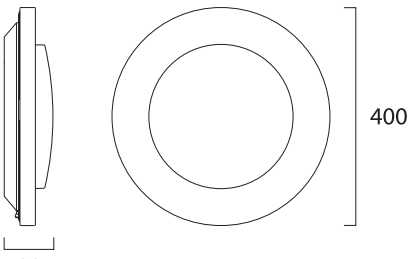


Cassini Planar 3,000K

Fixture Power (W)	9 / 17W
Fixture Lumens (lm)	644 / 1229lm
Luminaire efficiacy (lm/W)	73lm/W (high output)

Cassini Planar 4,000K

Fixture Power (W)	9 / 17W
Fixture Lumens (lm)	701 / 1338lm
Luminaire efficiacy (lm/W)	79lm/W (high output)



Dimensions (mm)

Cassini Radius - White

Cassini Radius - Brushed Aluminium

- Excellent flashing provides perfect homogenous light distribution
- Unique feature allowing a choice between High Output or High efficiency with the flick of a switch
- 50,000 hrs life at 70% of the original output L70
- Halo backlight
- IP65 fitting resistant to dust and water jet ingress
- Tamper resistant locking feature
- Ceiling or wall mounted
- Integral emergency options – suitable for use on defined escape routes
- Choice of White and Brushed Aluminium trim finishes
- Compatible with remote microwave sensors for maximum energy savings

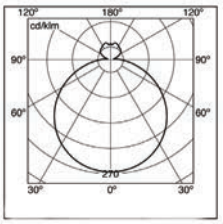
LIGHT SOURCE INCLUDED

IP65 900°C

LED

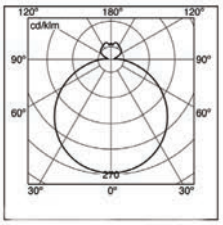
3,000K

Code	Description
White	
4054896	Cassini Radius 3,000K 400mm
4054897	Cassini Radius 3,000K 400mm Emergency
4054898	Cassini Radius 3,000K DALI 400mm
4054899	Cassini Radius 3,000K DALI 400mm Emergency
Brushed Aluminium	
4054912	Cassini Radius 3,000K 400mm
4054913	Cassini Radius 3,000K 400mm Emergency
4054914	Cassini Radius 3,000K DALI 400mm
4054915	Cassini Radius 3,000K DALI 400mm Emergency



4,000K

Code	Description
White	
4054900	Cassini Radius 4,000K 400mm
4054901	Cassini Radius 4,000K 400mm Emergency
4054902	Cassini Radius 4,000K DALI 400mm
4054903	Cassini Radius 4,000K DALI 400mm Emergency
Brushed Aluminium	
4054916	Cassini Radius 4,000K 400mm
4054917	Cassini Radius 4,000K 400mm Emergency
4054918	Cassini Radius 4,000K DALI 400mm
4054919	Cassini Radius 4,000K DALI 400mm Emergency

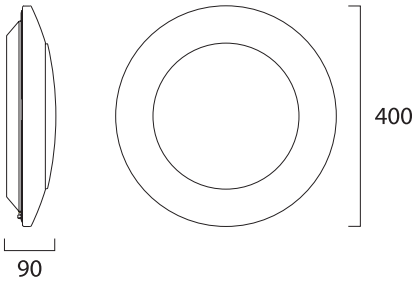


Cassini Planar 3,000K

Fixture Power (W)	9 / 17W
Fixture Lumens (lm)	644 / 1229lm
Luminaire efficiacy (lm/W)	73lm/W (high output)

Cassini Planar 4,000K

Fixture Power (W)	9 / 17W
Fixture Lumens (lm)	701 / 1338lm
Luminaire efficiacy (lm/W)	79lm/W (high output)



Dimensions (mm)

Surface mounted

Shaver socket

Chrome version

- Slim Profile for surface mounting
- Vertical or Horizontal mounting
- Separate switching for lamp and shaver socket
- Dual Voltage (120V/240V) Shaver Sockets available

LIGHT SOURCE INCLUDED

IP21

Lynx®-S
11W G23 900lm

Elite shaverlight with push plate and shaver socket

Code	Description	Colour
0053400	ELITE WHITE 11W LYNX-S PUSHP+SHAVS	White
0053401	ELITE CHROME 11W LYNX-S PUSHP+SHAVS	Chrome

Elite shaverlight with pull cord and shaver socket

Code	Description	Colour
0053402	ELITE WHITE 11W LYNX-S PULLC+SHAVS	White
0053403	ELITE CHROME 11W LYNX-S PULLC+SHAVS	Chrome

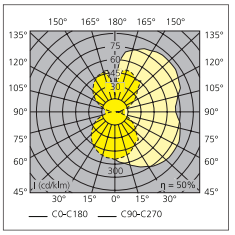
Elite mirror light with push plate

Code	Description	Colour
0053404	ELITE WHITE 11W LYNX-S PUSHP	White
0053405	ELITE CHROME 11W LYNX-S PUSHP	Chrome

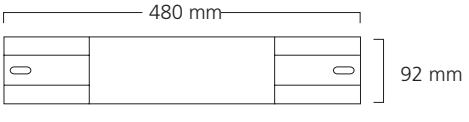
Elite mirror light with pull cord

Code	Description	Colour
0053406	ELITE WHITE 11W LYNX-S PULLC	White
0053407	ELITE CHROME 11W LYNX-S PULLC	Chrome

Legend: PUSHP = PUSH Plate; PULLC = PULL Cord; SHAVS = SHAver Socket



11W



Dimensions (mm)

SYLVANIA

189 InVerto Direct/Indirect

191 InVerto Direct

342 InVerto Surface Mounted

Control Gear: Electronic
Diffuser: Vacuum metalised Polycarbonate
Housing: Choice of 3 standard colours: gloss black, matt white, satin silver. Custom colours available upon request - please consult your local sales force for more information

- Built to IP65 standard. Highly resistant to corrosion and sea mist - ISO 9227 (equivalent to ASTM B117)
- Wire to base pluggable connection for a quick and easy installation
- LED technology: reduced energy and maintenance costs. No harmful UV or IR radiation
- Long lifetime - more than 50,000 hours
- Design that fits the contemporary cubic design trend and to ensure continuity of design across a lighting scheme

InVerto

InVerto Direct/Indirect

- 30W Direct/Indirect LED luminaire
- Provides a uniform light, while offering a high light output of up to 3,233lm (2 x 1617lm) at 107lm/w 4,000K, 3,130lm total 3,000K
- 3 standard colours: Gloss black, Matt white and Satin silver
- Wire to base with pluggable connection for easy installation
- Comes with a 40° beam as standard.
- Suitable for looping

LIGHT SOURCE INCLUDED

IP65 RoHS WEEE CE

Standard colours

Matt White | Gloss Black | Satin Silver

Custom paint finish suggestions (available upon request)

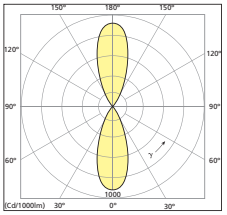
Gloss Orange | Gloss Red | Matt Green | Matt Teal

3,000K

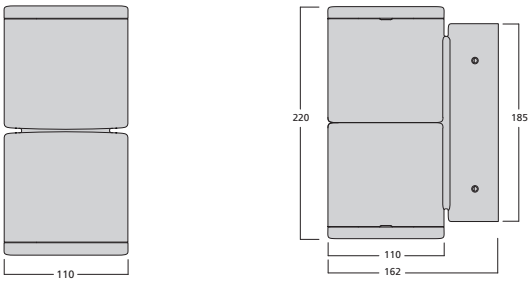
Code Electronic	Description	Body Colour
3080097	InVerto Dir/Ind 3,000K	Gloss black
3080098	InVerto Dir/Ind 3,000K	Matt white
3080099	InVerto Dir/Ind 3,000K	Satin silver

4,000K

Code Electronic	Description	Body Colour
3080037	InVerto Dir/Ind 4,000K	Gloss black
3080038	InVerto Dir/Ind 4,000K	Matt white
3080039	InVerto Dir/Ind 4,000K	Satin silver



Standard 40° beam angle



Dimensions (mm)

- 16W (high efficiency) or 19W (high output) Direct luminaire, selected on installation
- 2 settings:
  – High efficiency: 16W providing 1,617lm at 101lm/w 4,000K, 1,566lm 3,000K
  – High output: 19W providing 2,045lm at 107lm/w, 1,980lm at 3,000K
- 3 standard colours: gloss black, matt white and satin silver
- Comes with a 40° beam as standard.
- Wire to base with pluggable connection for easy installation
- Suitable for looping

LIGHT SOURCE INCLUDED

IP65 RoHS WEEE CE

LED

Standard colours

Matt White | Gloss Black | Satin Silver

Custom paint finish suggestions (available upon request)

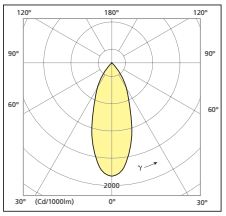
Gloss Orange | Gloss Red | Matt Green | Matt Teal

3,000K

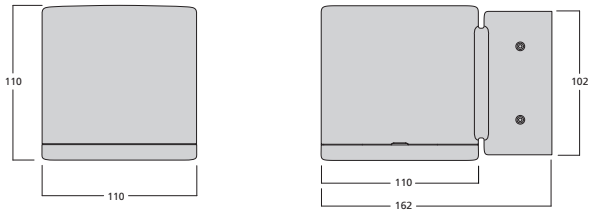
Code Electronic	Description	Body Colour
3080085	Inverto Direct 3,000K	Gloss black
3080086	Inverto Direct 3,000K	Matt white
3080087	Inverto Direct 3,000K	Satin silver

4,000K

Code Electronic	Description	Body Colour
3080025	Inverto Direct 4,000K	Gloss black
3080026	Inverto Direct 4,000K	Matt white
3080027	Inverto Direct 4,000K	Satin silver



Standard 40° beam angle



Dimensions (mm)

InVerto Surface mounted

- 16W (high efficiency) or 19W (high output) Surface mounted luminaire selected on installation
- 2 settings:
  – High efficiency: 16W providing 1,617lm at 101lm/w 4,000K, 1,566lm 3,000K
  – High output: 21W providing 19W providing 2,045lm at 107lm/w, 1,980lm at 3,000K
- 3 standard colours: gloss black, matt white and satin silver
- Comes with a 40° beam as standard.
- Wire to base with pluggable connection for easy installation
- Suitable for looping

LIGHT SOURCE INCLUDED

IP65 RoHS WEEE CE

LED

Standard colours

Matt White | Gloss Black | Satin Silver

Custom paint finish suggestions (available upon request)

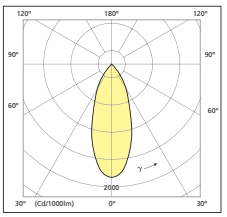
Gloss Orange | Gloss Red | Matt Green | Matt Teal

3,000K

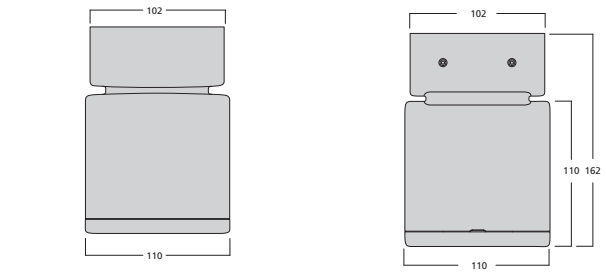
Code Electronic	Description	Body Colour
3080133	InVerto Surface 3,000K	Gloss black
3080134	InVerto Surface 3,000K	Matt white
3080135	InVerto Surface 3,000K	Satin silver

4,000K

Code Electronic	Description	Body Colour
3080073	Inverto Surface 4,000K	Gloss black
3080074	InVerto Surface 4,000K	Matt white
3080075	InVerto Surface 4,000K	Satin silver



Standard 40° beam angle



Dimensions (mm)

Beacon Muse Tune SSC
Beacon Muse II SSC
Beacon XL Muse SSC

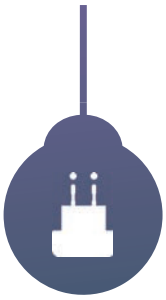
SYLSMART

LED light control

Simply using smartphones or tablets as well as wireless wall switches

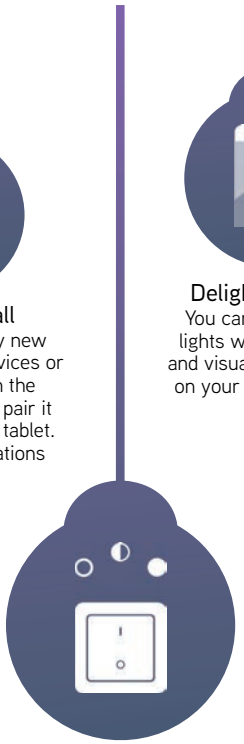
Managing and controlling the light experiences for single or multiple fixtures and luminaries

Set scenes and dimming sequences according to the mood, event or time of day



Easy to install
You don't need any new wiring, switches, devices or networks. Plug in the lighting fixture and pair it with your phone or tablet. No other configurations needed.

Delightful to use
You can control your lights with an intuitive and visual user interface on your smartphone or tablet.



Practical daily use
You can use with wireless wall switches. They will have a new life: use them as dimmers and control many lamps with one switch.

Lighting as Experience
SylSmart is more than just a light switch. With a tap on your smartphone you can set the ambience for drama and visual effect.

Simply adding new lighting abilities as a major new element

- No new wiring or wires
- No separate gateway or controllers
- No new dimmers
- Simple installation
- Great cost-value
- Works via Bluetooth

** Download the mobile app from the Apple Appstore or Google Play Store.*

ANDROID APP ON Google play

Download on the App Store

3D Reid - Birmingham, England

Ballast lumen factor BLF (%)

Refers to the ratio of light output from the lamp on emergency operation to the nominal light output.

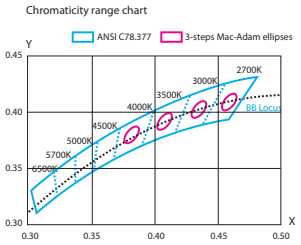
Beam Angle

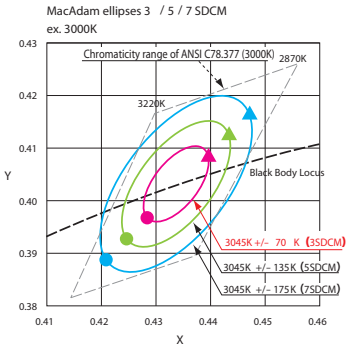
Indicates how broadly the light is emitted from a reflector lamp. It can be thought of as an imaginary cone whose apex intersects the lamp face, and the breadth of the cone extends outwards to the point where luminous intensity has diminished to 50% of the centre beam value.

Binning

The term binning refers to the variations which occur within a single production batch of LED's such as chromaticity, lumen output and forward voltage. It is important that a specific bin has been identified and selected to ensure a uniform and constantly even lighting installation is achieved. If all the LED's were selected from one production batch and used in the same luminaire or installation, there would be a mix of colour temperatures and brightness levels. For the lighting manufacturer / designer binning is an essential part of LED specification.

MacAdam ellipses methodology was created in 1943 for mathematically constructing ellipses around target points, something which became very useful for the lamp industry. ANSI C78.377 is now the standard for chromaticity specified by the American National Standards Institute. ANSI recommends that lamp manufacturers stay within a "4-step" ellipse. This means that, given a certain target point on the CIE diagram, manufacturers are given a fairly wide range of perceptible differences.





Candela (cd)

The unit of measurement for luminous intensity, which refers to the quantity of light emitted in a particular direction. The symbol is cd.

Colour Correlated Temperature (CCT)

An incandescent light bulb is very close to a perfect black-body radiator, so its colour temperature is basically the temperature of the filament. However many light sources, such as fluorescent tubes or high intensity discharge lamps, emit light by processes other than thermal radiation and therefore it is not possible to apply the black-body spectrum. For these light sources it is possible to assign what is known as a colour correlated temperature (CCT). The CCT is the colour temperature of a black-body (Planckian) radiator which most closely matches the colour of the light emitted from the lamp.

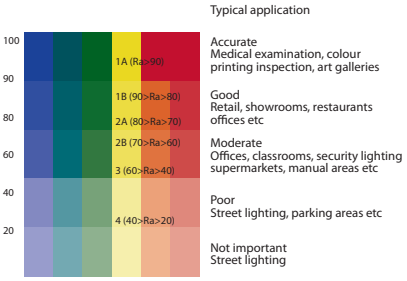
Warm White 3,000K

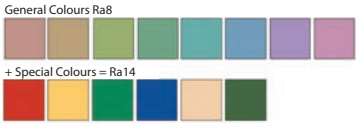
Neutral White 4,000K

Colour Rendering Index (CRI)

The colour rendering of a light source is an indicator of its ability to realistically reproduce the colour of an object. The chart illustrates our ability to accurately determine colour depending on the colour rendering properties of the light source. The higher the colour rendering index (on a scale of 0 to 100) of the source the better our ability to perceive differences in colour, which is a considerable aid to highlighting fashion products and effective display of coloured artworks.

The CIE colour rendering index (CRI) is a method to determine how well a light source's illumination of eight standardised colour patches compares to the illumination provided by a reference source. At Ra (8) the perceived colour shift of eight reference colours is measured as a percentage and averaged to give one number. However it is currently understood that due to the spectral power distribution of LED's that instead of using the standard Ra8 it is important to include 7 additional colours which include red, yellow, blue & green and use Ra14 to ensure better results.

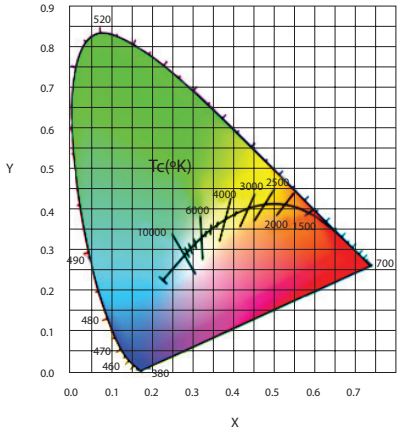




Colour Temperature

Colour temperature is a characteristic of visible light that plays a significant role in lighting applications. The colour temperature of a light source is the temperature of a perfect black-body radiator that radiates light of a similar appearance to that of the light source. The colour temperature is measured in units of absolute temperature; Kelvin (K).

Colour temperature works paradoxically to our cultural associations with colour, red as hot and blue as cold. On the black-body curve, blue occurs at higher temperatures than red. A good example is a candle which has a warm red orange appearance but in fact has a low Kelvin temperature, 1,850K. Therefore higher colour temperatures (5,000K more) are called cool colours (blueish white); lower colour temperatures (2,700K – 3,000K) are called warm colours (yellowish white through red).



The Planckian locus shows the chromaticities of black-body light sources of various colour temperatures and lines of constant correlated colour temperature shown within the CIE chromaticity diagram

Dimmability
The Sylvania lamps range includes Dimmable LEDs lamps. Most conventional dimmers have been designed for incandescent lamps and are therefore rated for higher minimum loads (W) than LED lamps consume. There may therefore be some restrictions in terms of functionality of dimmers with individual LEDs – but when more than one lamp is used to increase the total loading, dimming becomes easier. For full list of dimmer compatibility, please consult your local salesforce.

Downward Flux Fraction (DFF)
The factor of the total LOR, which is downward, taking the combined ULOR and DLOR as 100%. Using Cassini as an example, the DLOR is 37% and the ULOR is 15% so the combined is 52%. If this is taken as 100% LOR, 72% is downward (37% divided by 52%).

Drivers
Electronic devices that transform the high mains voltage into a constant current lower voltage for operating the LEDs. A miniature electronic driver is contained inside the base of each Sylvania LED lamp.

Glare
Discomfort glare is due to a high contrast between the source of light and the task. It is for that reason that luminance values are limited for certain tasks.

Heat Sink
A device used to conduct heat away from the LED sources and dissipate it to the surrounding air. The more efficiently an LED is cooled the greater its efficacy, light output and lifetime. Materials having excellent thermal properties and optimised cooling fin geometries are engineered into Havells Sylvania lamps and luminaires to deliver the pinnacle of performance.

Infrared (IR) Radiation
Comprises electromagnetic waves in the spectral range between visible light and microwaves, which produce a heating effect when absorbed by materials. All lamps and luminaires produce infrared radiation, but the quantity emitted by LEDs is far lower than other technologies and this makes them ideal for reducing air conditioning load, as well as for the illumination of heat-sensitive goods.

Illuminance
This definition determines the amount of light that covers a surface. If Ø is the luminous flux and S is the area of the given surface then the illuminance E is determined by E=Ø/S. The unit of illumination in SI system is lx, and in foot-pound system it is foot-candle. One lx is the illuminance of 1 m² surface area uniformly lighted by 1 lm of luminous flux.

Junction Temperature (Tj)
The temperature of the Junction of the LED die inside the LED lamp. Measuring the LED die temperature by direct mechanical means is difficult and may lead to erroneous results. It is recommended that the Tj is calculated with manufacturer's data through measurement of the temperature at the solder point (Tsp).

LED (Light Emitting Diode)
The semiconductor in the LEDs we provide emits blue light. The colour of the light ultimately depends on the phosphors used on the surface of the LED or lens.

Lens
An optical component having two refractive surfaces, at least one of which is either convex or concave. In LED lamps the function of a lens is to focus or disperse the light rays to achieve the desired beam angle or light distribution pattern.

Lifetime
LED lamps can have extremely long lives, however their light output diminshes as they age. They can carry on working until they are emitting less than 10% of their initial light output, but with so little light left they would be practically useless. Sylvania defines the lifetime of its LED lamps the same way as for other lamps: i.e. the burning hours until the light output has decreased to 70% of the initial value, or when 50% of a group of lamps will have failed – whichever is the soonest. The International Electrotechnical Commission (IEC) is currently preparing an international standard based on similar threshold values.

Light
Light Electromagnetic radiation with a wavelength between 380-780nm. Ultraviolet light has a wavelength of less than 380nm whilst infrared light's is greater than 720nm.

Lighting level
A measure of light falling on a particular point or surface. This unit is measured in lux.

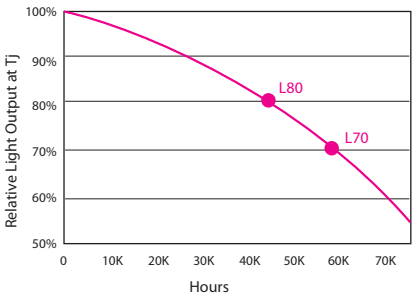
Light output ratio (LOR)
The ratio of the luminaire light output to lamp light output. The efficiency of the luminaire.

Lumen (lm)
Unit of luminous flux used to describe a quantity of light emitted by a source.

Lumen Maintenance
Rated Lumen Maintenance Life (Lxx): The elapsed operating time over which the LED light source will the percentage, xx, of its initial light output.

- L80 = Time to 80% lumen maintenance, in hours
- L70 = Time to 70% lumen maintenance, in hours

For LED lamps and luminaires, lumen maintenance is often shown as curves of relative lumen output over time for the LED under various operating conditions, such as drive current and junction temperature.



Luminance
The measure of brightness with which the eye perceives an illuminated surface from a certain direction. The luminous intensity per unit of visible surface of a light source (direct) or an illuminated surface (reflection). Luminance is indicated in candelas per square metre (cd/m2).

Luminous efficacy (lm/w)
Indicates how efficiently a light source converts electrical energy to light.

Luminous flux (lm)
The total light output of a light source measured in lumens.

Luminous intensity (cd)
The power of a source or illuminated surface to emit light in a particular direction, measured in candelas.

Lux (lux)
The unit of illuminance, equal to one lumen per square metre (lm/m²).

Illuminance cone
This shows beam angle and illuminance figures at different heights.

Polar curve
The graphic representation of the luminous intensity in different directions. If two curves are plotted, the distributions are in two vertical planes. They are absolute values.

Recycling
Havells Sylvania lamps and luminaires are extremely durable and do not contain any mercury, lead or other toxic metals. However because their drivers contain electronic components they must be disposed of as waste electrical and electronic equipment at the end of their life.

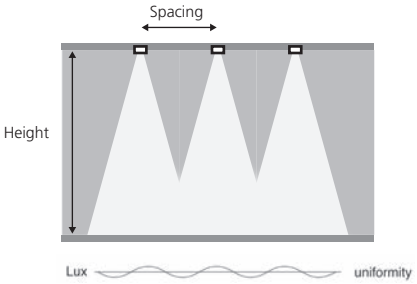
Reflector
An optical component having a reflective surface (the surface could be specular or diffusing depending on the job it is required to do) surface, which captures light rays from the source and bounces them back at a particular angle. Although more commonly used in incandescent and halogen lamps, some Sylvania LED lamps use reflectors to control their light instead of a lens.

Room index K
An index relating to the dimensions of a room influencing the amount of light emitted from the fitting onto the working surface.

$$K = \frac{a \times b}{h \times (a+b)}$$

where: a = room length
b = room width
h = height between the luminaire and working surface

Spacing to height ratio (SHR)
Used to determine the maximum distance between luminaires. The ratio of the distance between adjacent luminaires to the the distance between the luminaire plane and the horizontal working plane.



Switching Frequency
LED lamps cannot be switched on and off indefinitely, but are rated to tolerate an impressive 60,000 switching cycles or more.

TCO (Total Cost of Ownership)
TCO includes all the costs over the entire life of a lamp or for a particular operating time. It covers procurement costs, electricity consumption costs, relamping costs and may even incorporate a reduction in the necessary air conditioning load. LEDs are presently more expensive to purchase than lamps based on other technologies, but their minimal energy consumption results in rapid payback when replacing incandescent and halogen lamps.

Transformer
A device for reducing the high mains voltage down to a lower voltage. A distinction is made between conventional (magnetic) transformers and electronic transformers.

Uniformity ratio of illuminance
This indicates the degree of evenness of the light on the working surface and is shown as a ratio of the minimum to the mean lighting level on a surface. It becomes less even as the uniformity decreases. Typically you want 0.7 as a min for most schemes.

Ultra Violet (UV) radiation
Comprises electromagnetic waves in the spectral range between visible light and X-rays, which are invisible to the human eye but essential for all life (delivered via natural sunlight). Small amounts of UV are emitted by many light sources (e.g. Halogen and Discharge) and over time will cause fading of coloured objects being illuminated. Havells Sylvania lamps and luminaires do not emit any UV radiation.

Utilisation factor
The ratio of the light flux which the reference surface receives to the total luminous flux. This is influenced by the shape of the room and selected luminaire and is expressed in the form of UF tables.

Abreviations	Meaning
1	1 pack
1-10V	1-10V Analogue dimmable
3 hour emrg	3 hour emergency
3 PK	3 pack
10	10 pack
600	600 x 600mm
625	625 x 625mm
1200	1200 x 300mm
830	3,000K lamp
840	4,000K lamp
A2	
ALU	ALUminium
AS	ASymmetric optic
ASY	ASYmmetric
ASYM	ASYMmetric
BL	BLack
BR	Bright optic
BRI	BRIght
CHR	CHRome
CON	CONnected
D	Analogue 1-10V Dimmable
DALI	Digital Adjustable Lighting Interface
DB	Dimmable Ballast
DB10	1-10V Analogue dimmable
DBDA	DALI Dimmable
DBLASYM	DouBLe ASYMmetric
D/I	Direct / Indirect
DIFF	DIFFused light
DIR	DIRected light
DO	Double Optic
DSI	Digital Serial Interface
DS	Double Sided light output
E1	Emergency 1 hour
E3	Emergency 3 hour
EB	Electronic Ballast
ELECTR	ELECTRonic Ballast
EMG	EMerGency
EST	Electronic STarter
EX LMP	EXcluding LaMP
EXTGEAR	EXTernal GEAR tray
FTS	Fast Trunking System
GRY	GReY
GRY DIFF	GReY DIFFuser
GST	
HE	High Efficiency
HF	High Frequancy = Electronic ballast
HO	High Output
HQPS	High Quality PolyStyrene
HR	HR louvre
HRM / HRP	High Output internal reflector
HV	High Voltage
INS	INSaver
LIN	Linear
LLB	Low Loss Ballast = Magnetic balalst
LLB NC	Low Loss Ballast (= Magnetic ballast) Non Compensated
LLB PC	Low Loss Ballast (= Magnetic ballast) Parallel Compensated
LS	Christmas louvre
Magn. El. Starter	Magnetic Electronic Starter
MECH CON	MECHanical CONnection
MEDI	MEDium
MGR	Magnetic GeaR
M-LF	MicroLynx®-F lamp
MPM	
MW	MicroWave sensor
NARR	NARRow
(LLB) NC	(Low Loss Ballast = magnetic ballast) Non Compensated
No PFC	No Power Factor Correction

Abreviations	Meaning
NW	Neutral White
PA	PA louvre
PARA	PARAbolic
(LLB) PC	(Low Loss Ballast = magnetic ballast) Parallel Compensated
PC	PolyCarbonate
PEND	PENDant
PHOTO	PHOTOcell
PL	PL louvre
Plus3	GST 18 Wieland plug
PSM	PriSMatic
PULLC	PULL Cord
PUSHB	PUSH Button
RAP.D	RAPid Double
RAP.S	RAPid Single
REC	RECessed
REF	REFlector
REFL	REFLector
RGB	Red Green Blue
RPM	Tube with internal reflector
RU	RUst
S	Suspended
SA	SAtin
SAT	SATin
SEMI-REC	SEMI-RECessed
SF	Surface Mounted
SHAVS	SHAVer Socket
SI	Silver
SS	Single Sided loight output
STE	brushed STEel
STRPL	STRIP Light
SURF	SURFace mounted
SUSP	SUSPension kit
SYM	SYMmetric
TLT	TiLT
UV	Ultra Violet
V60	Visual 60 louvre
WHT	WHiTe
W/O LMP	WithOut LaMP
WT	WhiTe optic
WW	Warm White

Luminaire Classifications

Quality Registered

All lighting luminaires produced by Feilo Sylvania are designed, manufactured and tested under a quality assurance system in accordance with BS EN ISO 9001:2000, and are designed to comply with FM 01687. Also, the company also complies with the environmental management system, BS EN ISO14001;1996; certificate number EMS39002.

Compliance

The European Norm Electromechanical Certification (ENEC) has been adopted as a common mark of conformity with European Standards. A mark issued by any single national approbation body implies compliance with all seventeen international bodies. The ENEC mark now replaces the national test house symbol, and is appended by a number indicating from which test house the approbation originated.

CE marking

The designated product(s) is (are) in conformity with the provisions of the following European Directives:

2006/95/EC and amendments	Directive of the European Parliment and of the Council of 12 December 2006 on harmonisation of the laws of Member States relating to electrical equipment designed for use within certain voltage limits.
2004/1 08/EC and amendments	Directive of the European Parliament and of the Council of 15 September 2004 on the and amendment approximation of the laws ofthe Member States relating to electromagnetic compatibility.
2009/125/EC and amendments	Directive of the European Parliament and of the Council of 21 October 2009 on the establishing a framework for the setting of ecodesign requirements for energy-related products.
2011/65/EU	Directive ofthe European Parliament and ofthe Council of 6 June 2011on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

Voltage

Fittings and transformers are supplied primarily for operation on 230/240V 50 Hz. For alternative electrical specifications contact Technical Support

Electrical protection

EN 60598

Class I – Luminaire which relies on an earthed metal case to offer protection from live parts in case of failure.

Class II – Luminaire which relies on two layers of insulation to offer protection from live parts in case of failure.

Class III – Luminaire relies on protection against electrical shock relies on supply at safely extra-low (SELV) and in which voltages higher than those of SELV are not generated

Classification of ballast-lamp circuit for energy efficency in lighting

With defined limiting value for each class

According to the CELMA (the European Federation of the National Associations of the manufactures of luminaires, control gears and lampholders) classification scheme the following classes and typical ballast types exist:

- **Class B2:** magnetic ballasts with low losses
- **Class B1:** magnetic ballasts with very low losses
- **Class A3:** electronic ballasts
- **Class A2:** electronic ballasts with reduced losses
- **Class A1:** dimmable electronic ballasts

Dimmable ballasts are classificated A1 if they fulfil the following requirements:

- at 100% light output setting the ballast fulfils at least the demands belonging to A3
- at 25% light output setting the total input power is equal to or less than 50% of the power at the 100% light output setting
- the ballast must be able to reduce the light output to 10% or less of the maximum light output

Electronic ballasts (conforming to CELMA energy efficiency scheme classes A1, A2 and A3) are major power savers.

Radio suppression

EN 55015, EN 61000 & EN 61547
Fittings comply with radio interference suppression and electromagnetic compatibility (EMC) regulations

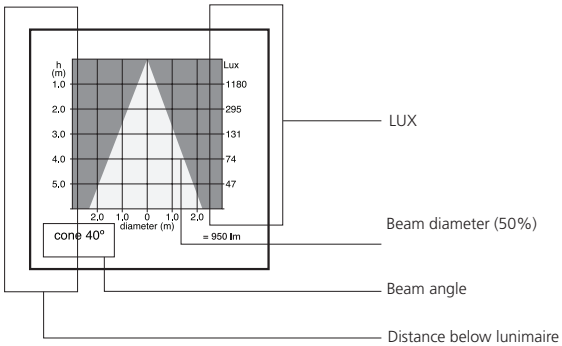
Degree of protection

EN 60529
IP rating system is an International classification showing degrees of protection provided by luminaires against ingress by solid objects or moisture.

Photometric Data

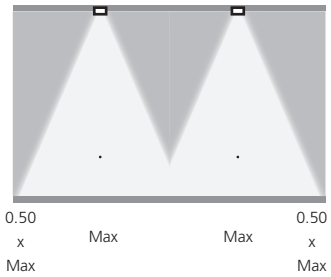
Illuminance cones

Cones are for single luminaires



Illuminance cones indicate beam spread, ie. a narrow, medium or broad beam of light. The illuminance values given (lux/Klm) are the maximum values within the beam for horizontal planes at various distances below the luminaire. The beam diameter, ie. the approximate size of the light coverage, is also given. The cone widths are calculated for an illuminance at the edge of the cone of 50% of the maximum. By spacing luminaires at the beam diameter for the appropriate height, the combined effect of adjacent cones is to produce an acceptable uniformity along the centre lines between luminaires (figure 1).

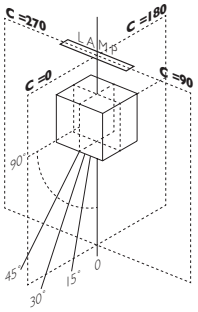
figure 1

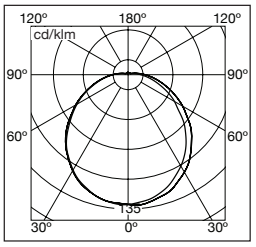


Polar Diagram of luminous intensity distribution

These provide a graphic representation of the distribution of light from a luminaire. Often referred to as polar curves, they indicate the intensity, measured in candelas (cd) per 1,000 lumens.

Note: If the fitting has a conventional lamp as light source, that is true. If a fitting has an LED as a light source we will publish figures as candelas.





DLOR = Downward light output ratio

ULOR = Upward light output ratio

The tables provided use luminaire Photometric data that has been measured and tested in accordance with British Standard EN13032-1 'Photometric Data for Luminaires'. Additional photometric data can be provided upon request.
All data is also available in EULUMDAT and IES NA formats.

A complementary lighting design service is also available, to provide guidance and recommendations and to ensure lighting solutions are tailored to customer requirements. Supporting this service are the latest computer software facilities enabling accurate predictions and performance checks to be carried out.

Ingress protection ratings (IP)

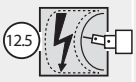
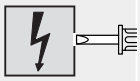
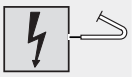
The resistive performance of fittings to solids and liquids is indicated by the IP (Ingress Protection) prefix followed by two numbers.

The first number indicates the measure of protection against the ingress of solids. For instance: IP 2X

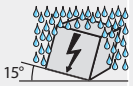
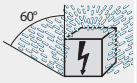
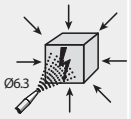
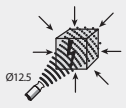
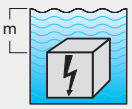
The second number indicates the measure of protection against the ingress of liquids. For instance: IP X1

Ingress Protection (IP) Specification Guide

Protection against the ingress of solid objects IP.1X

IP No.	Example	Protection against contact and ingress of objects	Tests	Symbol
IP 1X		Protected against solid objects greater than 50mm ø	A large surface of the body, such as a hand (but no protection against deliberate access). Solid objects exceeding 50mm in diameter.	
IP 2X		Protected against solid objects greater than 12mm ø	Fingers or similar objects not exceeding 80 mm in length. Solid objects exceeding 12mm in diameter.	
IP 3X		Protected against solid objects greater than 2.5mm ø	Tools, wires, etc., of diameter or thickness greater than 2.5mm. Solid objects exceeding 2.5mm in diameter.	
IP 4X		Protected against solid objects greater than 1.0mm ø	Wires or strips of thickness greater than 1.0mm. Solid objects exceeding 1.0mm in diameter.	
IP 5X		Dust protected	Ingress of dust is not totally prevented but dust does not enter in sufficient quantity to interfere with satisfactory operation of the equipment.	
IP 6X		Dust tight	No ingress of dust.	

Protection against the ingress of liquids IP.X1

IP No.	Example	Protection against contact and ingress of water	Tests	Symbol
IP X1		Protected against dripping water	Dripping water (vertically falling drops) shall have no harmful effect	
IP X2		Protected against dripping water when tilted up to 15°	Vertically dripping water shall have no harmful effect when the enclosure is tilted at any angle up to 15° from its normal position	
IP X3		Protected against spraying water	Water falling as a spray at an angle up to 60° from the vertical shall have no harmful effect	
IP X4		Protected against splashing water	Water splashed against the enclosure from any direction hall have no harmful effect	
IP X5		Protected against water jets	Water projected by a nozzle against the enclosure from any direction shall have no harmful effect	
IP X6		Protected against heavy seas	Water from heavy seas or water projected in powerful jets shall not enter the enclosure in harmful quantities	
IP X7		Protected against the effects of immersion	Ingress of water in a harmful quantity shall not be possible when the enclosure is immersed in water under defined conditions of pressure and time	
IP X8		Protected against submersion	The equipment is suitable for continuous submersion in water under conditions which shall be specified by the manufacturer. NOTE Normally, this will mean that the equipment is hermetically sealed. However, with certain types of equipment, it can mean that water can enter but only in such a manner that it produces no harmful effects.	

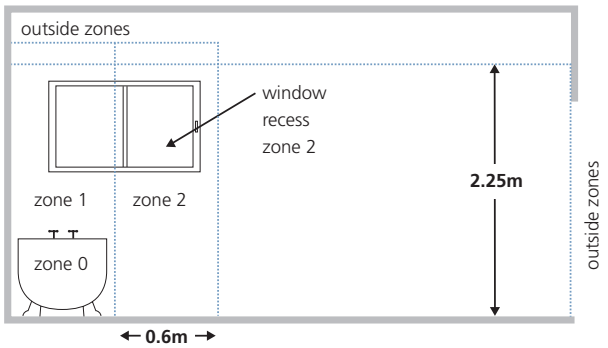
IP ratings in damp areas

Application of IP ratings within damp locations

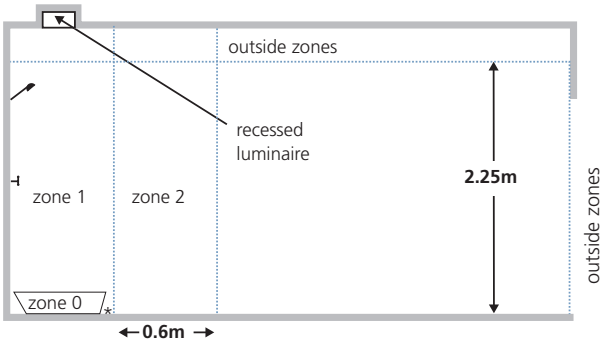
BS 7671: section 701 (17th Edition)

Guidance is provided by the above standard to the selection of luminaires within locations containing baths, showers and cabinets that contain a shower /and or bath along with the surrounding areas.

a) bath tub

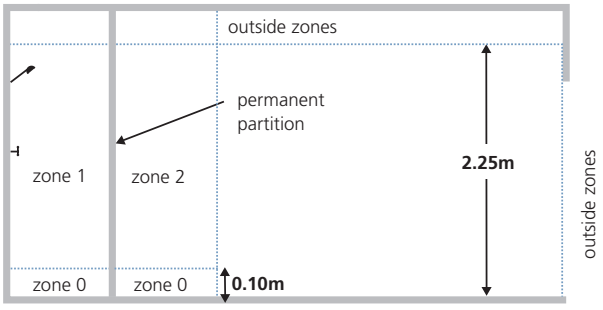


b) shower with basin



**Zone 1 if the space is accessible without the use of a tool. Spaces under the bath, accessible only with the use of a tool are outside the zones.*

c) shower without basin but with permanent fixed partition



IK ratings

Degree of Impact Protection EN62262.

IK rating system is an International classification showing degrees of protection provided by luminaires against external mechanical impacts.

Number	Measure of protection – impact energy (joules)	Test
IK 00	No protection to this standard -	
IK 01	0.15	0.20kg impact
IK 02	0.20	0.20kg impact
IK 03	0.35	0.20kg impact
IK 04	0.50	0.20kg impact
IK 05	0.70	0.20kg impact
IK 06	1.00	0.50kg impact from 200mm
IK 07	2.00	0.50kg impact from 400mm
IK 08	5.00	1.70kg impact from 295mm
IK 09	10.00	5.00kg impact from 200mm
IK 10	20.00	5.00kg impact from 400mm

When higher impact energy protection is required 50 joules is recommended.

Guide To Symbols

Electrical protection

EN60598

Class I – Luminaire which relies on an earthed metal case to offer protection from live parts in case of failure.

Class II – Luminaire which relies on two layers of insulation to offer protection from live parts in case of failure.

Class III – Luminaire relies on protection against electrical shock relies on supply at safely extra-low (SELV) and in which voltages higher than those of SELV are not generated

Fittings made for mounting in or on furniture made of materials of unknown properties - Only applies to a German national standard for mounting luminaires on furniture.

Passes the 650° glow wire test in accordance with IEC 695-2-1.

Horizontal rotation

Vertical tilt

Safety isolating transformer

Electronic transformer

Electronic ballast/gear

HID lamp requires an external ignitor

Ceiling cut-out – round

Ceiling cut-out – square

Trailing edge dimmable (capacitive)

Leading edge dimmable (inductive)

Ingress protection

Impact protection

Minimum distance in metres permitted from lighted object

European Norms Electrical Certification

Allowed lamp operating positions

Universal burning position

Horizontal burning position

Vertical burning position

Incandescent Candle and Ball:
Base up not allowed

Lamp can be operated in luminaires without a protective shield

Lamp should be operated only in a luminaire provided with a protective shield

Lamp emits a high level of UV radiation

Reduced UV emissions

Cool beam reflector

Not dimmable

Protection against water contact

Internal ignitor

External ignitor

Ballast is required

Lamp should not be operated when the outer bulb is broken

Be aware of high temperatures when replacing lamp

Do not hold the lamp glass when installing or removing

Switch off power supply before replacing lamp

Do not touch lamp with bare fingers when replacing lamp

Energy saving

The equipment should not be disposed of in the normal waste stream.

Read instructions before use

Lamp complies with legal standards

German test lab and certifying body, VDE.

Grüne Punkt

Loop-in Loop-out / Luminaire can be looped

RoHS compliant

WEEE compliant

Warranty logo, please refer to intro pages for full details

Ball resistant luminaire

RAL is European colour matching system, we can offer variant colours on demand

Specifications

The following notes prepared to meet the company's obligations imposed by the Health & Safety at Work Act 1974 (as amended) are of a general nature only. Specific information regarding installation use and disposal appropriate to individual models is provided in the instruction leaflet packed with the product, or can be found on the relevant pages of this catalogue.

The Health & Safety at Work Act 1974 imposes upon the users of the company's products an obligation to ensure that all personnel involved in the installation, handling, use or disposal of these products are acquainted with the information provided by the company and are made fully aware of any precautions that need to be taken.

The installation of these products should only be carried out by a qualified installer in accordance with the instructions supplied with the product.

Specifications

Leadership in design is based on constant development and improvement. Whilst great care is taken to give up-to-date information in this publication, the right is reserved to change any specifications herein detailed, without prior notice. All descriptions, illustrations etc, in this publication shall not form part of any contract.

Track and Spotlights

All track and spotlights are designed for normal, dry interiors, and are not recommended for use in damp or corrosive situations. Adequate ventilation will be necessary when tungsten spotlights are used in confined spaces where elevated temperatures will occur.

Lamps

Wattage and where applicable type of lamp are shown for every fitting. Incorrect lamps may affect efficiency, change the planned distribution, create glare and in some cases, seriously overheat the luminaire. Unless otherwise stated all luminaires are supplied without lamps.

Wiring

The majority of luminaires are fully prewired and with heat resistant cable wherever required.

Weights

Where given, the weights of luminaires do not include lamps.

Control Gear

Transformers and Control Gear are available for 240V 50HZ and 230V 50HZ with other options subject to special quotation.

240V 50HZ will be supplied unless any other voltage is requested at the time of ordering.

Ceiling Cut-outs

Throughout this publication cut-out sizes refer to the aperture for the ceiling ring with recessed fittings when mounted in soft fibrous tiles. For timber or metal tiles and cast-in construction, check dimensions on site.

Product colours and finishes

The Feilo Sylvania range of standard colours has been rationalised. This has given Feilo Sylvania the opportunity to harmonise its standard colours in line with developments that have taken place in architectural materials and building accessories.

For reference the standard paint finishes are now:

Concord luminaire
RAL 9005 Jet Black
RAL 9006 White Aluminium
RAL 9010 Pure White
RAL 9016 Traffic White

Sylvania Outdoor luminaires
RAL 9007 Grey aluminium

LED Lamps
RAL 9023 Pearl dark grey
RAL 9016 Traffic White

Please note:

- Due to photography and the printing process the colours reproduced in this catalogue may not be truly representative.
- Though paint colours may be the same, gloss, matt, satin and textured finishes will appear different.

Protection of Electronic Components

All products incorporating electronic components are protected against damage which may result from transients on the mains supply.

The level of protection incorporated is generally in excess of the minimum level specified in the current international standards.

It is the customer's responsibility to ensure that electronic equipment is not subjected to transients above these international immunity standards. In extreme cases additional suppression devices may be needed on the mains supply. The company does not take responsibility for damage to products caused by excessive mains transients.

Intellectual property rights

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Concord

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T: 1300 799 300
E: sales@pierlite.com.au
www.glg.lighting

Although every effort has been made to ensure accuracy in the compilation of the technical detail within this publication, specifications and performance data are constantly changing. Current details should therefore be checked with Pierlite.