

## Beacon LED XXL

### BEACON XXL MB DALI 3K L3 WHT

### 2093009



#### Product features

- 2093009 BEACON XXL MB DALI 3K L3 WHT Integrated LED spotlight, white RAL 9016, compact and minimalist design, ideal for double height spaces, retail and display applications, die-cast aluminium body, passive cooling heatsink, beam angle: 50° medium beam, optics: Silicone lens for controlled beam, colour temperature: 3000K warm white, total system power: 48W, total fixture output: 3670lm, luminaire efficacy: 76lm/W, LOR: 100%, colour rendering: Ra 93 typical, LED Chromacity: 3 step MacAdam ellipse, IR/UV free light source without heat radiation, operating voltage: 220-240V / 50-60Hz, drive current: 1200mA, electronic driver, DALI dimmable, power factor: 0.95 electrical protection: CLASS I, DALI track adaptor, suitable for Concord Lytespan DALI track, ingress protection rating: IP20. IMPORTANT NOTE: This fixture can only be used on the Lytespan DALI or Lytebeam DALI tracks !



#### PRODUCT OVERVIEW

Product name	BEACON XXL MB DALI 3K L3 WHT
Technology	LED
Housing	Aluminium
Mount	Track mounting
Environment	Internal
General application	Retail
ETIM Class	EC001744
E-number FI	4278685
E-number SE	7401082
Warranty	5 years
Fixture luminous flux (lm)	3670
Luminaire efficacy (lm/W)	76.46
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	93
Colour Consistency (SDCM)	3
Beam Angle (°)	50
Photobiological Risk Group	RG1
Total power consumption (W)	48
Product Voltage (V)	240
Electrical protection	Class I
Control gear type	Electronic ballast
Dimmable	Yes
Dimming method	DALI
Housing colour	White
IP rating	IP20
Product EAN number	5025768930098

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### DATA TABLE

#### General data

<b>Product name</b>	BEACON XXL MB DALI 3K L3 WHT
<b>Technology</b>	LED
<b>Housing</b>	Aluminium
<b>Mount</b>	Track mounting
<b>Environment</b>	Internal
<b>General application</b>	Retail
<b>Performance ambient temperature Tq (°C)</b>	25
<b>ETIM Class</b>	EC001744
<b>E-number FI</b>	4278685
<b>E-number SE</b>	7401082
<b>Warranty</b>	5 years

#### Optical data

<b>Fixture luminous flux (lm)</b>	3670
<b>Luminaire efficacy (lm/W)</b>	76.46
<b>LOR (%)</b>	100
<b>Colour temperature (K)</b>	3000
<b>Light colour</b>	Warm White
<b>CRI (Ra)</b>	93
<b>Colour Consistency (SDCM)</b>	3
<b>Adjustable chromaticity</b>	N
<b>Beam Angle (°)</b>	50
<b>Photobiological Risk Group</b>	RG1

#### Electrical data

<b>Total power consumption (W)</b>	48
<b>Mains voltage (V)</b>	220-240V
<b>Product Voltage (V)</b>	240
<b>Lamp power factor</b>	0.95
<b>Electrical protection</b>	Class I
<b>Control gear type</b>	Electronic ballast
<b>Transformer required</b>	Yes
<b>Dimmable</b>	Yes
<b>Dimming method</b>	DALI
<b>Drive current (mA)</b>	1200
<b>Inrush Current (A)</b>	30
<b>Energy Efficiency Class (A-&gt;G) of contained light source</b>	E
<b>Max. Luminaires per 10A B Breaker</b>	13
<b>Max. Luminaires per 16A B Breaker</b>	20

#### Lifetime data

<b>Lifespan L70 B50</b>	100000
<b>Lifespan L80 B20</b>	100000
<b>Lifespan L90 B10</b>	55500

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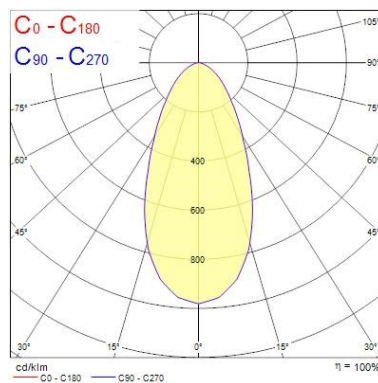
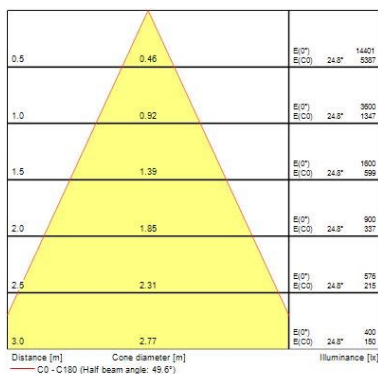
### Physical data

Housing colour	White
IP rating	IP20
Diffuser finish	Diffuse
Reflector finish	None
Nominal Product Length (mm)	85
Nominal Product Width (mm)	168
Nominal Product Height (mm)	205
Nominal Product Diameter (mm)	113
Weight (kg)	1.5

### Packaging

Single packaging type	Carton
Product EAN number	5025768930098
Packaging single length / height (cm)	25.0
Packaging single width (cm)	19.5
Packaging single depth (cm)	20.0
DUN14 (outer)	05025768930098
Units per outer package	1
Packaging outer length / height (cm)	25.0
Packaging outer width (cm)	19.5
Packaging outer depth (cm)	20.0

## PHOTOMETRY



## TECHNICAL DRAWINGS

