

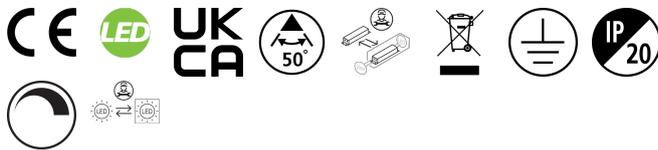
## Beacon LED XXL

BEACON XXL MB O/B DIM 3K L3 BLK  
2093006



### Product features

- 2093006 BEACON XXL MB O/B DIM 3K L3 BLK Integrated LED spotlight, black RAL 9005, 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, dimmable, on-board potentiometer for dimming control, power factor: 0.98 electrical protection: CLASS I, 3-circuit track adaptor, suitable for Concord Lytespan 3 track, ingress protection rating: IP20, suitable for internal environment only, horizontal rotation: 355°, vertical tilt: 90°, lockable pos...



### PRODUCT OVERVIEW

Product name	BEACON XXL MB O/B DIM 3K L3 BLK
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Track mounting
Environment	Internal
General application	Retail
ETIM Class	EC001744
E-number FI	4278679
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
Electrical protection	Class I
Control gear type	Electronic ballast
Dimmable	Yes
Dimming method	Mains: leading / trailing edge
Housing colour	Black
IP rating	IP20
Product EAN number	5025768930067

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### DATA TABLE

#### General data

<b>Product name</b>	BEACON XXL MB O/B DIM 3K L3 BLK
<b>Technology</b>	LED
<b>Cap/Base</b>	N/A
<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>	4278679
<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>Primary Supply/Product voltage - min (V)</b>	220
<b>Primary Supply/Product voltage - max (V)</b>	240
<b>Lamp power factor</b>	0.98
<b>Electrical protection</b>	Class I
<b>Control gear type</b>	Electronic ballast
<b>Dimmable</b>	Yes
<b>Dimming method</b>	Mains: leading / trailing edge
<b>Drive current (mA)</b>	1200
<b>Energy Efficiency Class (A-&gt;G) of contained light source</b>	E

#### Lifetime data

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

#### Physical data

<b>Housing colour</b>	Black
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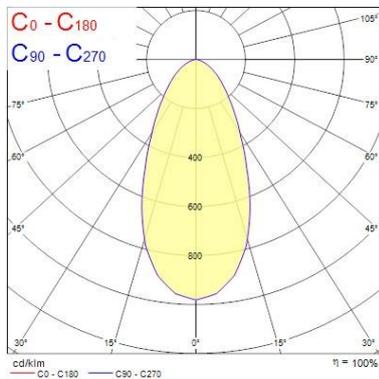
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IP rating	IP20
Diffuser finish	Diffuse
Reflector finish	None
Nominal Product Length (mm)	85
Nominal Product Width (mm)	168
Nominal Product Height (mm)	205
Weight (kg)	1.5

### Packaging

Single packaging type	Carton
Product EAN number	5025768930067
Packaging single length / height (cm)	25.0
Packaging single width (cm)	19.5
Packaging single depth (cm)	20.0
DUN14 (outer)	05025768930067
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



Distance [m]	Cone diameter [m]	E1(0°) E1(C0)	E2(0°) E2(C0)	Illuminance [lx]
0.5	0.46	14401	5387	
1.0	0.92	3600	1347	
1.5	1.39	1600	599	
2.0	1.85	900	327	
2.5	2.31	576	215	
3.0	2.77	400	150	

Distance [m]      Cone diameter [m]      Illuminance [lx]  
 C0 - C180 (Half beam angle: 49.6°)

## TECHNICAL DRAWINGS

