

## Beacon LED XXL - High Output

BEACON XXL NB HO 3K L3 WHT  
2059308



### Product features

- 2059308 BEACON XXL NB HO 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: 21° narrow beam, optics: Fresnel lens for controlled beam, colour temperature: 3000K warm white, total system power: 48W, total fixture output: 4351lm, luminaire efficacy: 91lm/W, LOR: 100%, colour rendering: Ra 85 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, non-dimmable, switched only, 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 positioning using Allen key, dimen...



### PRODUCT OVERVIEW

Product name	BEACON XXL NB HO 3K L3 WHT
Technology	LED
Housing	Aluminium
Mount	Track mounting
Environment	Internal
General application	Retail
ETIM Class	EC001744
E-number FI	4278855
E-number SE	7401091
Warranty	5 years
Fixture luminous flux (lm)	4351
Luminaire efficacy (lm/W)	90.65
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	85
Colour Consistency (SDCM)	3
Beam Angle (°)	21
Photobiological Risk Group	RG1
Total power consumption (W)	48
Product Voltage (V)	240
Electrical protection	Class I
Control gear type	Electronic ballast
Dimming method	N/A
Housing colour	White
IP rating	IP20
Product EAN number	5025768593088

### DATA TABLE

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### General data

<b>Product name</b>	BEACON XXL NB HO 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>	4278855
<b>E-number SE</b>	7401091
<b>Warranty</b>	5 years

### Optical data

<b>Fixture luminous flux (lm)</b>	4351
<b>Luminaire efficacy (lm/W)</b>	90.65
<b>LOR (%)</b>	100
<b>Colour temperature (K)</b>	3000
<b>Light colour</b>	Warm White
<b>CRI (Ra)</b>	85
<b>Colour Consistency (SDCM)</b>	3
<b>Adjustable chromaticity</b>	N
<b>Beam Angle (°)</b>	21
<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>	0.98
<b>Electrical protection</b>	Class I
<b>Control gear type</b>	Electronic ballast
<b>Transformer required</b>	Yes
<b>Dimming method</b>	N/A
<b>Drive current (mA)</b>	1200
<b>Energy Efficiency Class (A-&gt;G) of contained light source</b>	D

### 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>	White
<b>IP rating</b>	IP20
<b>Diffuser finish</b>	Diffuse
<b>Diffuser material</b>	PMMA Acrylic

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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)	1.375

### Packaging

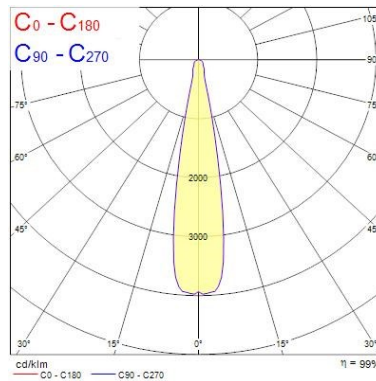
Single packaging type	Carton
Product EAN number	5025768593088
Packaging single length / height (cm)	25.0
Packaging single width (cm)	19.5
Packaging single depth (cm)	20.0
DUN14 (outer)	05025768593088
Units per outer package	1
Packaging outer length / height (cm)	25.0
Packaging outer width (cm)	19.5
Packaging outer depth (cm)	20.0

## PHOTOMETRY

Distance [m]	Cone diameter [m]	E <sub>0°</sub> [lx]	E <sub>10.5°</sub> [lx]
0.5	0.18	8849	33345
1.0	0.36	17117	8336
1.5	0.55	7658	3706
2.0	0.73	4279	2084
2.5	0.91	2739	1324
3.0	1.09	1902	928

Distance [m]      Cone diameter [m]      Illuminance [lx]

— C0 - C180 (Half beam angle: 20.6°)



## TECHNICAL DRAWINGS

