

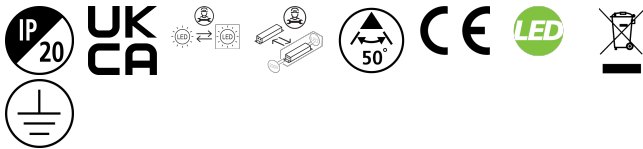
Beacon LED XXL - High Output

BEACON XXL MB HO 4K L3 WHT
2059314



Product features

- 2059314 BEACON XXL MB HO 4K 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: 4000K neutral white, total system power: 48W, total fixture output: 4884lm, luminaire efficacy: 102lm/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, ...



PRODUCT OVERVIEW

Product name	BEACON XXL MB HO 4K L3 WHT
Technology	LED
Housing	Aluminium
Mount	Track mounting
Environment	Internal
General application	Retail
ETIM Class	EC001744
E-number FI	4278871
E-number SE	7401088
Warranty	5 years
Fixture luminous flux (lm)	4884
Luminaire efficacy (lm/W)	101.75
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	85
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
Housing colour	White
IP rating	IP20
Product EAN number	5025768593149

DATA TABLE

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General data

Product name	BEACON XXL MB HO 4K L3 WHT
Technology	LED
Housing	Aluminium
Mount	Track mounting
Environment	Internal
General application	Retail
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
E-number FI	4278871
E-number SE	7401088
Warranty	5 years

Optical data

Fixture luminous flux (lm)	4884
Luminaire efficacy (lm/W)	101.75
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	85
Colour Consistency (SDCM)	3
Adjustable chromaticity	N
Beam Angle (°)	50
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	48
Mains voltage (V)	220-240V~
Product Voltage (V)	240
Lamp power factor	0.98
Electrical protection	Class I
Control gear type	Electronic ballast
Transformer required	Yes
Drive current (mA)	1200
Energy Efficiency Class (A->G) of contained light source	D

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	100000
Lifespan L90 B10	55500

Physical data

Housing colour	White
IP rating	IP20
Diffuser finish	Diffuse
Reflector finish	None
Nominal Product Length (mm)	85

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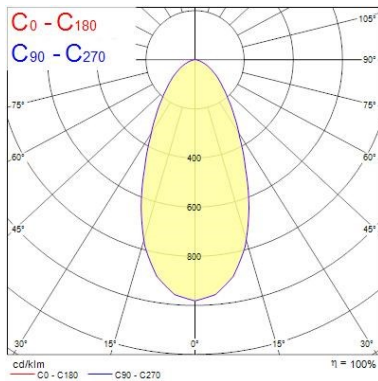
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Nominal Product Width (mm)	168
Nominal Product Height (mm)	205
Nominal Product Diameter (mm)	113
Weight (kg)	1.375

Packaging

Single packaging type	Carton
Product EAN number	5025768593149
Packaging single length / height (cm)	25.0
Packaging single width (cm)	19.5
Packaging single depth (cm)	20.0
DUN14 (outer)	05025768593149
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 ₀ [lx]	E _{1/2} [lx]	E ₀ [fc]	E _{1/2} [fc]
0.5	0.46	1909	7114	24.8°	7114
1.0	0.92	4754	1778	24.8°	1778
1.5	1.39	2113	790	24.8°	790
2.0	1.85	1188	445	24.8°	445
2.5	2.31	761	285	24.8°	285
3.0	2.77	528	196	24.8°	196

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

— C0 - C180 (Half beam angle: 49.6°)

TECHNICAL DRAWINGS

