

Beacon LED XXL

BEACON XXL NB O/B DIM 4K L3 WHT
2093035



Product features

- 2093035 BEACON XXL NB O/B DIM 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: 21° narrow beam, optics: Fresnel lens for controlled beam, colour temperature: 4000K neutral white, total system power: 48W, total fixture output: 4181lm, luminaire efficacy: 87lm/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 p...



PRODUCT OVERVIEW

Product name	BEACON XXL NB O/B DIM 4K L3 WHT
Technology	LED
Housing	Aluminium
Mount	Track mounting
Environment	Internal
General application	Retail
ETIM Class	EC001744
E-number FI	4278811
E-number SE	7401080
Warranty	5 years
Fixture luminous flux (lm)	4181
Luminaire efficacy (lm/W)	87.1
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	93
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
Minimum dimming level (%)	100
Housing colour	White
IP rating	IP20
Product EAN number	5025768930357

DATA TABLE

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General data

Product name	BEACON XXL NB O/B DIM 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	4278811
E-number SE	7401080
Warranty	5 years

Optical data

Fixture luminous flux (lm)	4181
Luminaire efficacy (lm/W)	87.1
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	93
Colour Consistency (SDCM)	3
Adjustable chromaticity	N
Beam Angle (°)	21
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
Minimum dimming level (%)	100
Drive current (mA)	1200
Energy Efficiency Class (A->G) of contained light source	E

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
Diffuser material	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)	1.415

Packaging

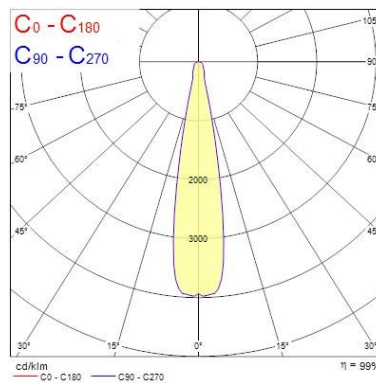
Single packaging type	Carton
Product EAN number	5025768930357
Packaging single length / height (cm)	25.0
Packaging single width (cm)	19.5
Packaging single depth (cm)	20.0
DUN14 (outer)	05025768930357
Units per outer package	1
Packaging outer length / height (cm)	25.0
Packaging outer width (cm)	19.5
Packaging outer depth (cm)	20.0

PHOTOMETRY

Distance [m]	Cone diameter [m]	E _{0°} [lx]	E _{10.5°} [lx]
0.5	0.18	88794	32042
1.0	0.36	16443	8070
1.5	0.55	7310	3560
2.0	0.73	4112	2002
2.5	0.91	2632	1282
3.0	1.09	1828	890

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

— C0 - C180 (Half beam angle: 20.6°)



TECHNICAL DRAWINGS

