

Beacon LED XXL

BEACON XXL NB O/B DIM 3K L3 BLK
2092992



Product features

- 2092992 BEACON XXL NB 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: 21° narrow beam, optics: Fresnel lens for controlled beam, colour temperature: 3000K warm white, total system power: 48W, total fixture output: 3713lm, luminaire efficacy: 77lm/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 posi...



PRODUCT OVERVIEW

Product name	BEACON XXL NB O/B DIM 3K L3 BLK
Technology	LED
Housing	Aluminium
Mount	Track mounting
Environment	Internal
General application	Retail
ETIM Class	EC001744
E-number FI	4278667
Warranty	5 years
Fixture luminous flux (lm)	3713
Luminaire efficacy (lm/W)	77.35
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm 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
Dimmable	Yes
Dimming method	Mains: leading / trailing edge
Housing colour	Black
IP rating	IP20
Product EAN number	5025768929924

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DATA TABLE

General data

Product name	BEACON XXL NB O/B DIM 3K L3 BLK
Technology	LED
Housing	Aluminium
Mount	Track mounting
Environment	Internal
General application	Retail
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
E-number FI	4278667
Warranty	5 years

Optical data

Fixture luminous flux (lm)	3713
Luminaire efficacy (lm/W)	77.35
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm 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
Dimmable	Yes
Dimming method	Mains: leading / trailing edge
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	Black
IP rating	IP20

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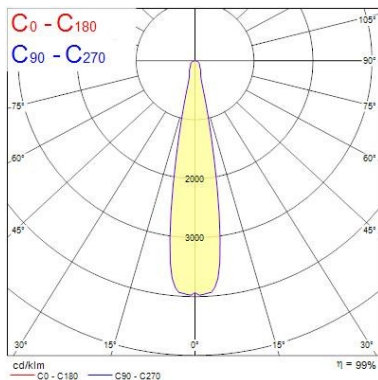
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Diffuser finish	Diffuse
Diffuser material	PMMA Acrylic
Reflector finish	None
Nominal Product Length (mm)	85
Nominal Product Width (mm)	168
Nominal Product Height (mm)	205
Nominal Product Diameter (mm)	113
Weight (kg)	1.415

Packaging

Single packaging type	Carton
Product EAN number	5025768929924
Packaging single length / height (cm)	25.0
Packaging single width (cm)	19.5
Packaging single depth (cm)	20.0
DUN14 (outer)	05025768929924
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(C0) [lx]
0.5	0.18	60439	28485
1.0	0.36	14907	7114
1.5	0.55	6492	3162
2.0	0.73	3692	1778
2.5	0.91	2337	1138
3.0	1.09	1523	756

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 20.6°)

TECHNICAL DRAWINGS

