

Beacon LED XL Muse

BEACON XL MUSE 3K O/B DIM L3 BLK
2059320



Product features

- 2059320 BEACON XL MUSE 3K O/B DIM L3 BLK Integrated LED spotlight, black RAL 9005, unique soft-touch ring, adjustable beam angle from a 10° spot to a 70° flood, compact and minimalist design, ideal for museum, gallery and high-end retail applications, die-cast aluminium body, passive cooling heatsink, beam angle: 10° spot to 70° flood, optics: aspheric glass lens, colour temperature: 3000K warm white, total system power: 41W, total fixture output: 2544lm, luminaire efficacy: 62lm/W, LOR: 100%, super high colour rendering: Ra 97 typical, R9 value at 90, LED Chromacity: 3 step MacAdam ellipse, IR/UV free light source without heat radiation, operating voltage: 220-240V / 50-60Hz, drive current: 1050mA, electronic driver, dimmable via on-board potentiometer, power factor: 0.95, electrical protection: CLASS I, 3-circuit track adaptor, suitable for Concord Lytespan 3 track, ingress protection rating: IP20, suitable for internal en...



PRODUCT OVERVIEW

Product name	BEACON XL MUSE 3K O/B DIM L3 BLK
Technology	LED
Housing	Aluminium
Mount	Track mounting
Environment	Internal
General application	Museums & Galleries, Retail
ETIM Class	EC001744
Warranty	5 years
Fixture luminous flux (lm)	2544
Luminaire efficacy (lm/W)	62
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	97
Colour Consistency (SDCM)	3
Beam Angle (°)	10
Photobiological Risk Group	RG0
Total power consumption (W)	36
Electrical protection	Class II
Control gear type	Electronic ballast
Dimmable	Yes
Dimming method	Mains: leading / trailing edge
Minimum dimming level (%)	5
Housing colour	Black
IP rating	IP20
Product EAN number	5025768593200

DATA TABLE

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General data

Product name	BEACON XL MUSE 3K O/B DIM L3 BLK
Technology	LED
Housing	Aluminium
Mount	Track mounting
Environment	Internal
General application	Museums & Galleries, Retail
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
Warranty	5 years

Optical data

Fixture luminous flux (lm)	2544
Luminaire efficacy (lm/W)	62
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	97
Colour Consistency (SDCM)	3
Adjustable chromaticity	N
Beam Angle (°)	10
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	36
Mains voltage (V)	220-240V
Lamp power factor	0.95
Electrical protection	Class II
Control gear type	Electronic ballast
Transformer required	Yes
Dimmable	Yes
Dimming method	Mains: leading / trailing edge
Minimum dimming level (%)	5
Drive current (mA)	900
Energy Efficiency Class (A->G) of contained light source	F

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	100000
Lifespan L90 B10	86000

Physical data

Housing colour	Black
IP rating	IP20
Reflector finish	None
Nominal Product Width (mm)	165
Nominal Product Height (mm)	200

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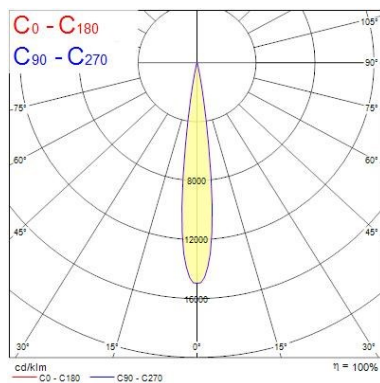
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Nominal Product Diameter (mm)	115
Weight (kg)	1.7

Packaging

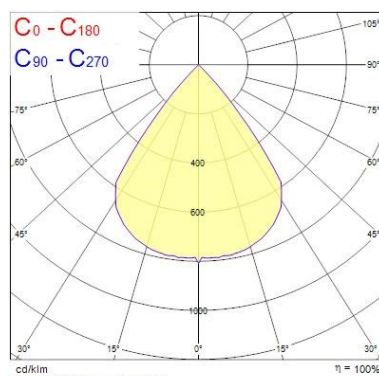
Single packaging type	Carton
Product EAN number	5025768593200
Packaging single length / height (cm)	25.0
Packaging single width (cm)	19.5
Packaging single depth (cm)	20.0
DUN14 (outer)	05025768593200
Units per outer package	1
Packaging outer length / height (cm)	25.0
Packaging outer width (cm)	19.5
Packaging outer depth (cm)	20.0

PHOTOMETRY



Distance [m]	Cone diameter [m]	Beam angle [°]	Beam angle [°]
0.5	0.77	37.8°	2074
1.0	1.54	37.8°	2067
1.5	2.31	37.8°	914
2.0	3.08	37.8°	514
2.5	3.85	37.8°	329
3.0	4.62	37.8°	229

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam angle [°]
0.5	0.00	0.0°	49123
1.0	0.00	0.0°	12281
1.5	0.00	0.0°	5488
2.0	0.00	0.0°	3070
2.5	0.00	0.0°	1965
3.0	0.00	0.0°	1385



TECHNICAL DRAWINGS

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