

## Beacon LED XL Muse

BEACON XL MUSE 3K SSC01 L3 BLK  
2059328



### Product features

- 2059328 BEACON XL MUSE 3K SSC01 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, SylSmart SSC, 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 environment on...



### PRODUCT OVERVIEW

Product name	BEACON XL MUSE 3K SSC01 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)	41
Electrical protection	Class I
Control gear type	Electronic ballast
Minimum dimming level (%)	95
Housing colour	Black
IP rating	IP20
Product EAN number	5025768593286

### DATA TABLE

#### General data

Product name	BEACON XL MUSE 3K SSC01 L3 BLK
Technology	LED

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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)	41
Mains voltage (V)	220-240V~
Lamp power factor	0.95
Electrical protection	Class I
Control gear type	Electronic ballast
Transformer required	Yes
Minimum dimming level (%)	95
Drive current (mA)	1050
Inrush Current (A)	5
Inrush Duration (µs)	50
Energy Efficiency Class (A->G) of contained light source	F
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	52
Max. Luminaires per 16A C Breaker	85
Max. Luminaires per 20A C Breaker	54
Max. Luminaires per 10A B Breaker	32
Max. Luminaires per 16A B Breaker	50
Max. Luminaires per 20A B Breaker	63

### Lifetime data

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

### Physical data

Housing colour	Black
IP rating	IP20

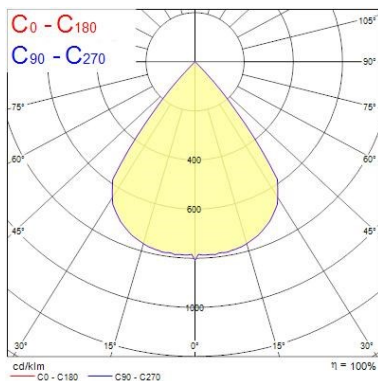
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Reflector finish	None
Nominal Product Width (mm)	165
Nominal Product Height (mm)	200
Nominal Product Diameter (mm)	115
Weight (kg)	1.7

### Packaging

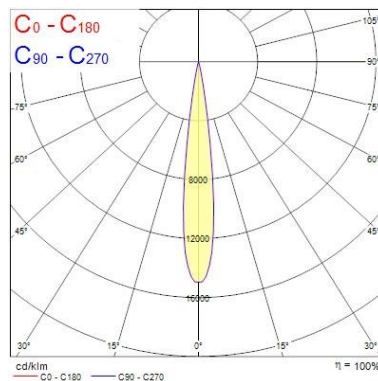
Single packaging type	Carton
Product EAN number	5025768593286
Packaging single length / height (cm)	25.0
Packaging single width (cm)	19.5
Packaging single depth (cm)	20.0
DUN14 (outer)	05025768593286
Units per outer package	1
Packaging outer length / height (cm)	25.0
Packaging outer width (cm)	19.5
Packaging outer depth (cm)	20.0

## PHOTOMETRY



Distance [m]	Cone diameter [m]	Illuminance [lx]	E(0°) [lx]	E(C0) [lx]
0.5	0.00	49123	49123	49123
1.0	0.00	12281	12281	12281
1.5	0.00	5465	5465	5465
2.0	0.00	3070	3070	3070
2.5	0.00	1965	1965	1965
3.0	0.00	1365	1365	1365

Distance [m] | Cone diameter [m] | Illuminance [lx]  
C0 - C180 (Half beam angle: 0.0°)



Distance [m]	Cone diameter [m]	Illuminance [lx]	E(0°) [lx]	E(C0) [lx]
0.5	0.77	3239	3239	2074
1.0	1.54	2067	2067	519
1.5	2.31	914	914	230
2.0	3.08	514	514	130
2.5	3.85	323	323	83
3.0	4.62	229	229	56

Distance [m] | Cone diameter [m] | Illuminance [lx]  
C0 - C180 (Half beam angle: 75.2°)

## TECHNICAL DRAWINGS

**Beacon LED XL Muse**  
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