

## Beacon LED XL Muse

BEACON XL MUSE 4K SSC01 L3 BLK  
2059330



### Product features

- 2059330 BEACON XL MUSE 4K 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: 4000K neutral white, total system power: 41W, total fixture output: 2884lm, luminaire efficacy: 70lm/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...



### PRODUCT OVERVIEW

Product name	BEACON XL MUSE 4K 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)	2884
Luminaire efficacy (lm/W)	70
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral 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
Dimmable	Yes
Dimming method	SylSmart SSC
Minimum dimming level (%)	5
Housing colour	Black
IP rating	IP20
Product EAN number	5025768593309

### DATA TABLE

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### General data

<b>Product name</b>	BEACON XL MUSE 4K SSC01 L3 BLK
<b>Technology</b>	LED
<b>Housing</b>	Aluminium
<b>Mount</b>	Track mounting
<b>Environment</b>	Internal
<b>General application</b>	Museums & Galleries, Retail
<b>Performance ambient temperature Tq (°C)</b>	25
<b>ETIM Class</b>	EC001744
<b>Warranty</b>	5 years

### Optical data

<b>Fixture luminous flux (lm)</b>	2884
<b>Luminaire efficacy (lm/W)</b>	70
<b>LOR (%)</b>	100
<b>Colour temperature (K)</b>	4000
<b>Light colour</b>	Neutral White
<b>CRI (Ra)</b>	97
<b>Colour Consistency (SDCM)</b>	3
<b>Adjustable chromaticity</b>	N
<b>Beam Angle (°)</b>	10
<b>Photobiological Risk Group</b>	RG0

### Electrical data

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

### Lifetime data

<b>Lifespan L70 B50</b>	100000
<b>Lifespan L80 B20</b>	100000

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Lifespan L90 B10	86000
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### Physical data

Housing colour	Black
IP rating	IP20
Reflector finish	None
Nominal Product Width (mm)	165
Nominal Product Height (mm)	200
Nominal Product Diameter (mm)	115
Weight (kg)	1.7

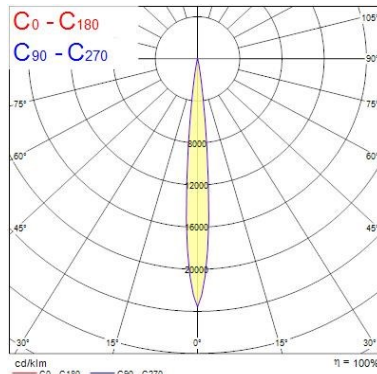
### Packaging

Single packaging type	Carton
Product EAN number	5025768593309
Packaging single length / height (cm)	25.0
Packaging single width (cm)	19.5
Packaging single depth (cm)	20.0
DUN14 (outer)	05025768593309
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

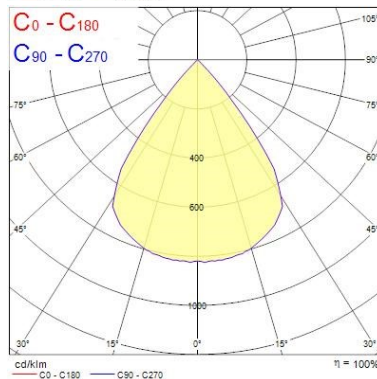
Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(0°) E(C270)	Illuminance [lx]
0.5	0.00	8508	8508	8508
1.0	0.00	21272	21272	21272
1.5	0.00	9454	9454	9454
2.0	0.00	5318	5318	5318
2.5	0.00	3404	3404	3404
3.0	0.00	2364	2364	2364

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



Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(0°) E(C270)	Illuminance [lx]
0.5	0.75	9481	2467	9481
1.0	1.50	2363	617	2363
1.5	2.25	1050	274	1050
2.0	3.00	591	154	591
2.5	3.75	378	99	378
3.0	4.50	263	69	263

Distance [m]      Cone diameter [m]      Illuminance [lx]  
 — C0 - C180 (Half beam angle: 73.8°)



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### TECHNICAL DRAWINGS

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