



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...

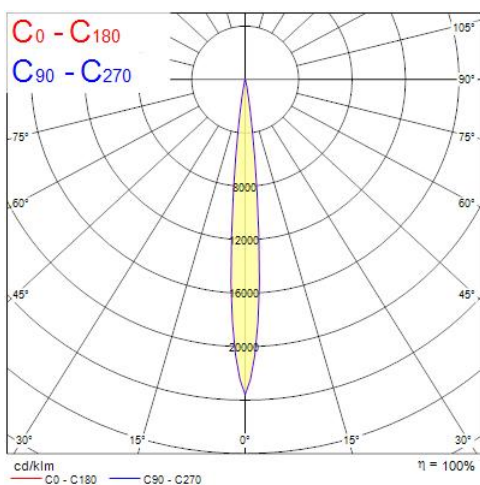
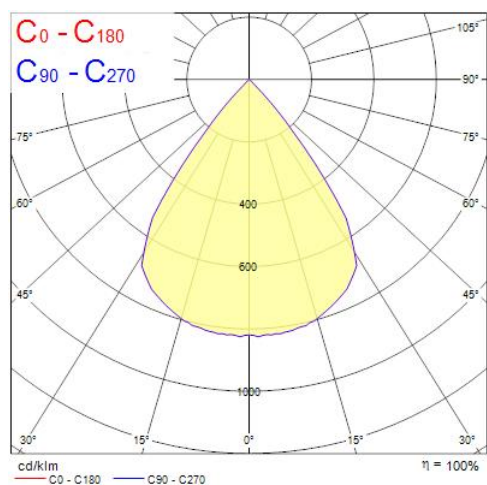
Product Overview

Product name	BEACON XL MUSE 4K SSC01 L3 BLK
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Track mounting
Environment	Internal
General application	Museums & Galleries, Retail
ETIM Class	EC001744
Fixture luminous flux (lm)	2884
Luminaire efficacy (lm/W)	67
LOR (%)	100
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	97

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Colour Consistency (SDCM)	3
Beam Angle (°)	10
Photobiological Risk Group	RG0
Total power consumption (W)	43
Electrical protection	Class I
Control gear type	Electronic ballast
Dimmable	Yes
Minimum dimming level (%)	5
Housing colour	Black
IP rating	IP20
Product EAN number	5025768593309
Warranty	5 years
Dimming method	SylSmart SSC

Photometry



0.5	0.75	E(0°) E(C0)	36.9°	9451 2467
1.0	1.50	E(0°) E(C0)	36.9°	2383 617
1.5	2.25	E(0°) E(C0)	36.9°	1050 274
2.0	3.00	E(0°) E(C0)	36.9°	591 154
2.5	3.75	E(0°) E(C0)	36.9°	378 99
3.0	4.50	E(0°) E(C0)	36.9°	263 69

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

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0.5	0.00	E(0°) E(C0)	0.0° 0.0°	85088 85088
1.0	0.00	E(0°) E(C0)	0.0° 0.0°	21272 21272
1.5	0.00	E(0°) E(C0)	0.0° 0.0°	9454 9454
2.0	0.00	E(0°) E(C0)	0.0° 0.0°	5318 5318
2.5	0.00	E(0°) E(C0)	0.0° 0.0°	3404 3404
3.0	0.00	E(0°) E(C0)	0.0° 0.0°	2354 2354

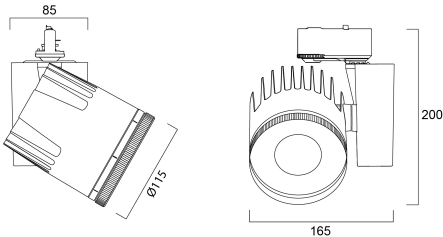
Distance [m]

Cone diameter [m]

Illuminance [lx]

C0 - C180 (Half beam angle: 0.0°)

Technical drawings



Data table

GENERAL DATA

Product name	BEACON XL MUSE 4K SSC01 L3 BLK
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Track mounting
Environment	Internal
General application	Museums & Galleries, Retail
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744

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Warranty	5 years
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OPTICAL DATA

Fixture luminous flux (lm)	2884
Luminaire efficacy (lm/W)	67
LOR (%)	100
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	97
Colour Consistency (SDCM)	3
Adjustable chromaticity	N
Beam Angle (°)	10
Photobiological Risk Group	RG0

ELECTRICAL DATA

Total power consumption (W)	43
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.95
Electrical protection	Class I
Control gear required	No
Control gear type	Electronic ballast
Dimmable	Yes
Dimming method	SylSmart SSC
Minimum dimming level (%)	5
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. products per 10A C Breaker	52
Max. products per 16A C Breaker	85
Max. products per 20A C Breaker	54

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Max. products per 10A B Breaker	32
Max. products per 16A B Breaker	50
Max. products 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
Reflector finish	Not Applicable
Nominal Product Width (mm)	165
Nominal Product Height (mm)	200
Nominal Product Diameter (mm)	115
Weight (kg)	1.7

PACKAGING

Product EAN number	5025768593309
Packaging single length / height (cm)	25.0
Packaging single width (cm)	19.5
Packaging single depth (cm)	20.0
DUN14 (inner)	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

SAFETY DATA

Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No

Concord

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