



Features

• 2059322 BEACON XL MUSE 4K 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: 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, dimmable via on-board potentiometer, power factor: 0.95, electrical protection: CLASS II, 3-circuit track adaptor, suitable for Concord Lytespan 3 track, ingress protection rating: IP20, suitable for internal...

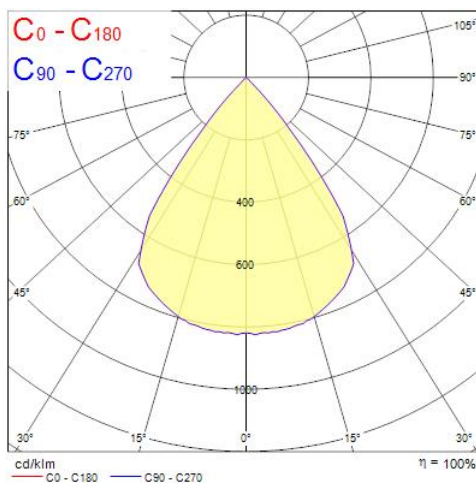
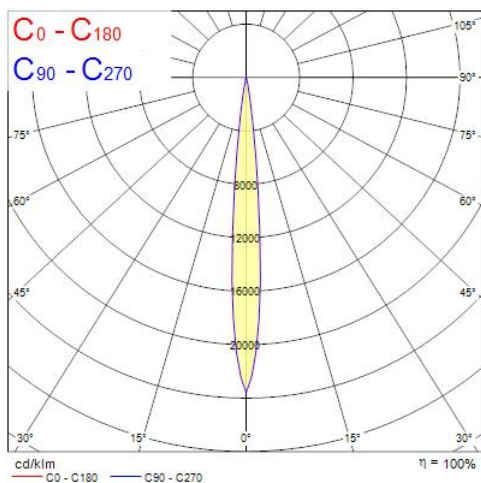
Product Overview

Product name	BEACON XL MUSE 4K O/B DIM 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)	70
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)	36
Electrical protection	Class II
Control gear type	Electronic ballast
Dimmable	Yes
Minimum dimming level (%)	5
Housing colour	Black
IP rating	IP20
Product EAN number	5025768593224
Warranty	5 years
Dimming method	Mains: leading / trailing edge

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

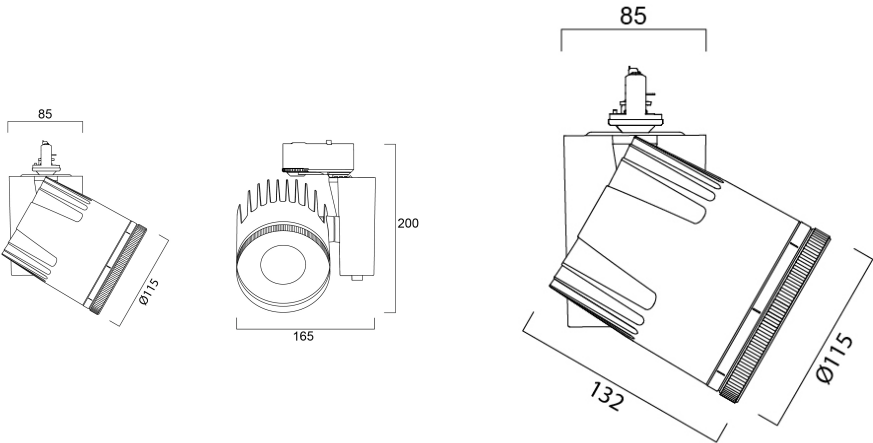
Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 73.8°)

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0.5	0.00	E(0°) E(C0)	0.0°	85088 85088
1.0	0.00	E(0°) E(C0)	0.0°	21272 21272
1.5	0.00	E(0°) E(C0)	0.0°	9454 9454
2.0	0.00	E(0°) E(C0)	0.0°	5318 5318
2.5	0.00	E(0°) E(C0)	0.0°	3404 3404
3.0	0.00	E(0°) E(C0)	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 O/B DIM L3 BLK
Technology	LED
Cap/Base	N/A
Housing	Aluminium

Concord

BEACON XL MUSE 4K O/B DIM L3 BLK 2059322

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)	2884
Luminaire efficacy (lm/W)	70
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)	36
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.95
Electrical protection	Class II
Control gear required	No
Control gear type	Electronic ballast
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

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Nominal Frequency (Hz)	50/60Hz
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LIFETIME DATA

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

Housing colour	Black
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IP rating	IP20
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Reflector finish	Not Applicable
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Nominal Product Width (mm)	165
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Nominal Product Height (mm)	200
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Nominal Product Diameter (mm)	115
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Weight (kg)	1.7
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PACKAGING

Product EAN number	5025768593224
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Packaging single length / height (cm)	25.0
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Packaging single width (cm)	19.5
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Packaging single depth (cm)	20.0
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DUN14 (inner)	05025768593224
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Units per outer package	1
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Packaging outer length / height (cm)	25.0
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Packaging outer width (cm)	19.5
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Packaging outer depth (cm)	20.0
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SAFETY DATA

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