



Features

• 2059319 BEACON XL MUSE 3K O/B DIM L3 WHT Integrated LED spotlight, white RAL 9016, 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 II, 3-circuit track adaptor, suitable for Concord Lytespan 3 track, ingress protection rating: IP20, suitable for internal en...

Product Overview

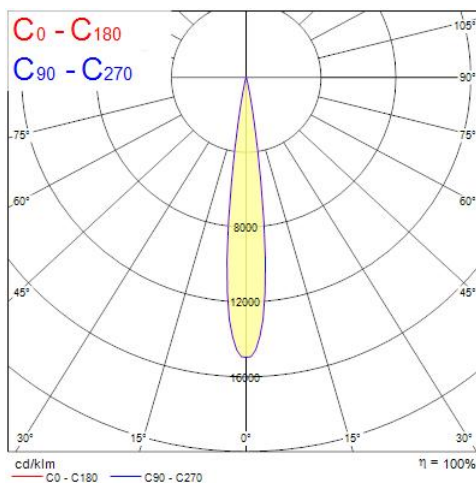
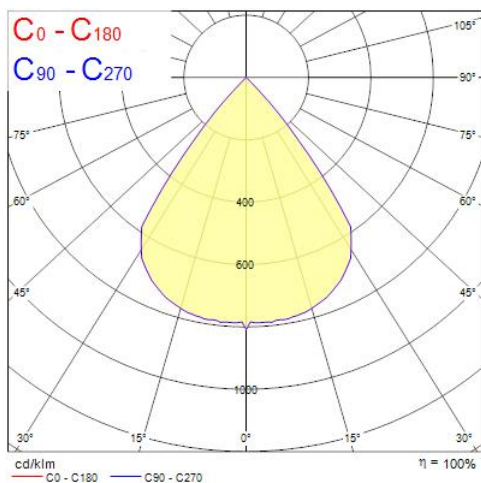
Product name	BEACON XL MUSE 3K O/B DIM L3 WHT
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Track mounting
Environment	Internal
General application	Museums & Galleries, Retail
ETIM Class	EC001744
Fixture luminous flux (lm)	2544
Luminaire efficacy (lm/W)	62
LOR (%)	100
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	97

Concord

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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	White
IP rating	IP20
Product EAN number	5025768593194
Warranty	5 years
Dimming method	Mains: leading / trailing edge

Photometry



0.5	0.77	E(0°) E(C0)	37.6°	8229 2074
1.0	1.54	E(0°) E(C0)	37.6°	2067 519
1.5	2.31	E(0°) E(C0)	37.6°	914 230
2.0	3.08	E(0°) E(C0)	37.6°	514 130
2.5	3.85	E(0°) E(C0)	37.6°	329 83
3.0	4.62	E(0°) E(C0)	37.6°	229 56

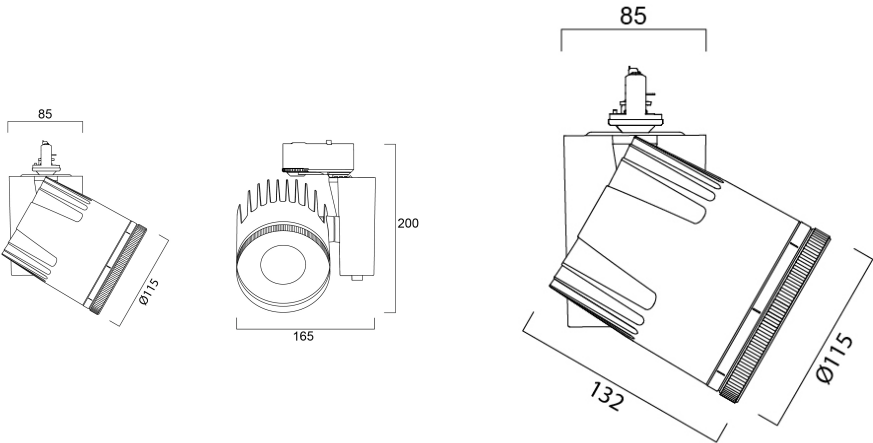
Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 75.2°)

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0.5	0.00	E(0°) E(C0)	0.0°	49123 49123
1.0	0.00	E(0°) E(C0)	0.0°	12281 12281
1.5	0.00	E(0°) E(C0)	0.0°	5458 5458
2.0	0.00	E(0°) E(C0)	0.0°	3070 3070
2.5	0.00	E(0°) E(C0)	0.0°	1965 1965
3.0	0.00	E(0°) E(C0)	0.0°	1355 1355

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 3K O/B DIM L3 WHT
Technology	LED
Cap/Base	N/A
Housing	Aluminium

Concord

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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
Correlated 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
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
Lifespan L80 B20	100000
Lifespan L90 B10	86000

PHYSICAL DATA

Housing colour	White
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	5025768593194
Packaging single length / height (cm)	25.0
Packaging single width (cm)	19.5
Packaging single depth (cm)	20.0
DUN14 (inner)	05025768593194
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