

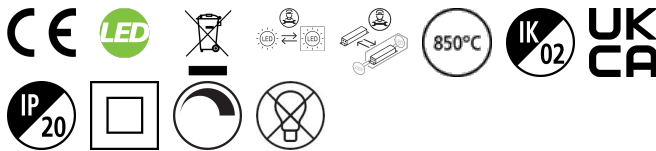
Beacon XL Muse Xicato®

BEACON XL MUSE Xicato® 4K O/B DIM LS3 Black
2059899



Product features

- Integrated LED spotlight with Xicato® Artist LED Module, black RAL 9005, unique soft-touch ring, adjustable beam angle from a 10° spot to a 72° 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 72° flood, optics: aspheric glass lens, colour temperature: 4000K neutral white, total system power: 35W, total fixture output: 681/1697lm, luminaire efficacy: 48lm/W, LOR: 100%, super high colour rendering: Ra 98 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 I, 3-circuit track adaptor, suitable for Concord Lytespan 3 track, ingress protection rating: IP20, suitable for internal use.



PRODUCT OVERVIEW

Product name	BEACON XL MUSE Xicato® 4K O/B DIM LS3 Black
Technology	LED
Housing	Aluminium
Mount	Track mounting
General application	Museums & Galleries
ETIM Class	EC001744
Warranty	5 years
Fixture luminous flux (lm)	681/1697
Luminaire efficacy (lm/W)	48
LOR (%)	100
Colour temperature (K)	4000
CRI (Ra)	98
Colour Variation Initial (SDCM)	SDCM2
Photobiological Risk Group	RG1
Total power consumption (W)	35
Electrical protection	Class II
Control gear type	Other
Control gear mounting	Integral
Dimmable	Yes
Housing colour	RAL 9005 - Jet black
IP rating	IP20
IK rating	IK02
Product EAN number	5025768598991

DATA TABLE

General data

Product name	BEACON XL MUSE Xicato® 4K O/B DIM LS3 Black
Technology	LED
Housing	Aluminium

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Mount	Track mounting
General application	Museums & Galleries
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
Warranty	5 years

Optical data

Fixture luminous flux (lm)	681/1697
Luminaire efficacy (lm/W)	48
LOR (%)	100
Colour temperature (K)	4000
CRI (Ra)	98
Colour Variation Initial (SDCM)	SDCM2
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	35
Mains voltage (V)	220-240V~
Lamp power factor	0.95
Electrical protection	Class II
Control gear type	Other
Control gear mounting	Integral
Dimmable	Yes
Drive current (mA)	1050
Inrush Current (A)	5
Inrush Duration (µs)	50
Glow Wire Test (°C)	850
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	90000
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Physical data

Housing colour	RAL 9005 - Jet black
IP rating	IP20
IK rating	IK02
Diffuser finish	Frosted
Diffuser material	PC Polycarbonate
Nominal Product Width (mm)	165
Nominal Product Height (mm)	200
Nominal Product Diameter (mm)	115
Weight (kg)	1.85

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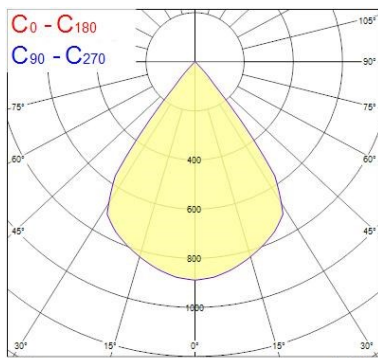
Packaging

Single packaging type	Carton
Product EAN number	5025768598991
Packaging single length / height (cm)	19.0
Packaging single width (cm)	19.0
Packaging single depth (cm)	25.0
DUN14 (outer)	05025768598991
Units per outer package	1
Packaging outer length / height (cm)	19.0
Packaging outer width (cm)	19.0
Packaging outer depth (cm)	25.0

Safety data

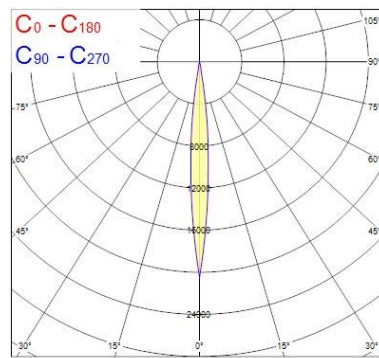
Dry applications use only	Yes
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PHOTOMETRY



Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(0°) E(C90)
0.5	0.08	8884 27652	4.6°
1.0	0.16	13964 9563	4.6°
1.5	0.24	6206 3095	4.6°
2.0	0.32	3491 1741	4.6°
2.5	0.40	2234 1114	4.6°
3.0	0.46	1552 774	4.6°

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 9.2°)



Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(0°) E(C90)
0.5	0.73	6034 1602	36.3°
1.0	1.47	1508 400	36.3°
1.5	2.20	670 173	36.3°
2.0	2.94	377 100	36.3°
2.5	3.67	241 64	36.3°
3.0	4.41	168 44	36.3°

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 72.6°)

TECHNICAL DRAWINGS

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