

BEACON LED MUSE II 97CRI 4000K L3 TRAILING EDGE BLACK 2059750



Features

• Integrated LED spotlight, black RAL 9005, unique soft-touch ring, adjustable beam angle from a 8° spot to a 55° flood, compact and minimalist design, ideal for museum, gallery and high-end retail applications, die-cast aluminium body, passive cooling heatsink, beam angle: 8° spot to 55° flood, optics: aspheric glass lens, colour temperature: 4000K neutral white, total system power: 21W, total fixture output: 1150lm, luminaire efficacy: 55lm/W, LOR: 100%, 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: 500mA, electronic driver, trailing edge dimmable, power factor: 0.9 electrical protection: CLASS II, 3-circuit track adaptor, suitable for Concord Lytespan 3 track, ingress protection rating: IP20, suitable for internal environment only, horizontal rotation: 355°, vertical tilt: 90°, dimensions: Ø80x135x176mm, weight: 0.95kg.

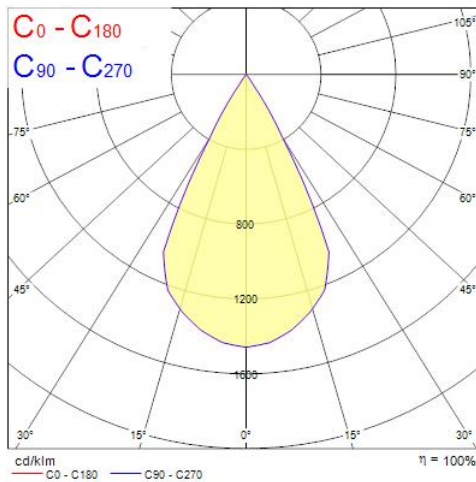
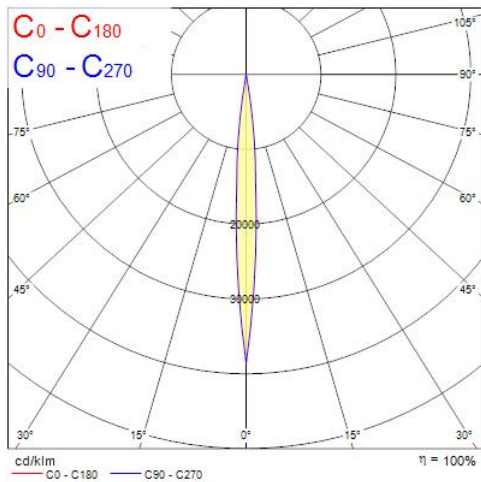
Product Overview

Product name	BEACON LED MUSE II 97CRI 4000K L3 TRAILING EDGE BLACK
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Track mounting
General application	Museums & Galleries
ETIM Class	EC001744
E-number FI	4274046
Fixture luminous flux (lm)	623/1150
Luminaire efficacy (lm/W)	55
LOR (%)	100
Correlated colour temperature (k)	4000

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Light colour	Neutral White
CRI (Ra)	97
Colour Consistency (SDCM)	3
Photobiological Risk Group	RG1
Total power consumption (W)	21
Electrical protection	Class II
Dimmable	Yes
Housing colour	RAL9005
IP rating	IP20
IK rating	IK02
Product EAN number	5025768597505
Warranty	5 years
Dimming method	Other

Photometry

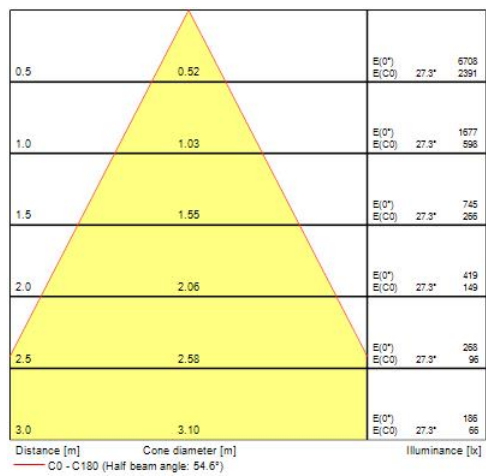


0.5	0.07	E(0°) E(C0)	4.0°	96198 47814
1.0	0.14	E(0°) E(C0)	4.0°	24049 11963
1.5	0.21	E(0°) E(C0)	4.0°	10589 5313
2.0	0.28	E(0°) E(C0)	4.0°	6012 2958
2.5	0.35	E(0°) E(C0)	4.0°	3848 1913
3.0	0.42	E(0°) E(C0)	4.0°	2672 1328

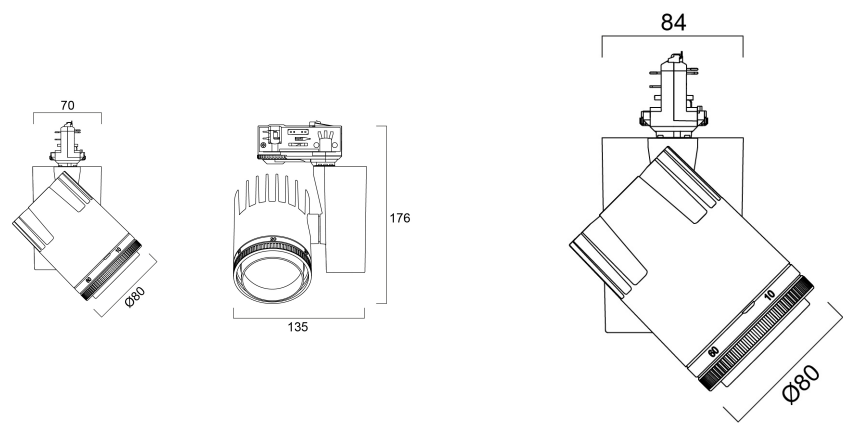
Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 8.0°)

Concord

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Technical drawings



Data table

GENERAL DATA

Product name	BEACON LED MUSE II 97CRI 4000K L3 TRAILING EDGE BLACK
Technology	LED
Cap/Base	N/A

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Housing	Aluminium
Mount	Track mounting
General application	Museums & Galleries
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
E-number FI	4274046
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	623/1150
Luminaire efficacy (lm/W)	55
LOR (%)	100
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	97
Colour Consistency (SDCM)	3
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	21
Primary Supply/Product voltage - min (V)	230
Primary Supply/Product voltage - max (V)	240
Electrical protection	Class II
Control gear required	No
Dimmable	Yes
Dimming method	Other
Drive current (mA)	500
Inrush Current (A)	45
Inrush Duration (µs)	20
Energy Efficiency Class (A->G) of contained light source	F
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	50

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Max. products per 16A C Breaker	80
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LIFETIME DATA

Lifespan L70 B50	100000
Lifespan L80 B20	100000
Lifespan L90 B10	47500

PHYSICAL DATA

Housing colour	RAL9005
IP rating	IP20
IK rating	IK02
Nominal Product Width (mm)	135
Nominal Product Height (mm)	176
Nominal Product Diameter (mm)	80
Weight (kg)	0.95

PACKAGING

Product EAN number	5025768597505
Packaging single length / height (cm)	17.5
Packaging single width (cm)	15.0
Packaging single depth (cm)	17.5
DUN14 (inner)	05025768597505
Units per outer package	1
Packaging outer length / height (cm)	17.5
Packaging outer width (cm)	15.0
Packaging outer depth (cm)	17.5

SAFETY DATA

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