

Beacon LED Muse II

BEACON LED MUSE II 97CRI 3000K L3 TRAILING EDGE WHITE

2059743



Product features

- Integrated LED spotlight, white RAL 9016, 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: 3000K warm white, total system power: 21W, total fixture output: 1081lm, luminaire efficacy: 51lm/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 3000K L3 TRAILING EDGE WHITE
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Track mounting
General application	Museums & Galleries
ETIM Class	EC001744
E-number FI	4280891
Warranty	5 years
Fixture luminous flux (lm)	553/1081
Luminaire efficacy (lm/W)	52
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	97
Colour Variation Initial (SDCM)	SDCM3
Photobiological Risk Group	RG1
Total power consumption (W)	21
Electrical protection	Class II
Dimmable	Yes
Dimming method	Other
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK02
Product EAN number	5025768597437

DATA TABLE

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General data

Product name	BEACON LED MUSE II 97CRI 3000K L3 TRAILING EDGE WHITE
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Track mounting
General application	Museums & Galleries
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
E-number FI	4280891
Warranty	5 years

Optical data

Fixture luminous flux (lm)	553/1081
Luminaire efficacy (lm/W)	52
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	97
Colour Variation Initial (SDCM)	SDCM3
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
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
Max. products per 16A C Breaker	80

Lifetime data

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

Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK02

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Nominal Product Width (mm)	135
Nominal Product Height (mm)	176
Nominal Product Diameter (mm)	80
Weight (kg)	0.95

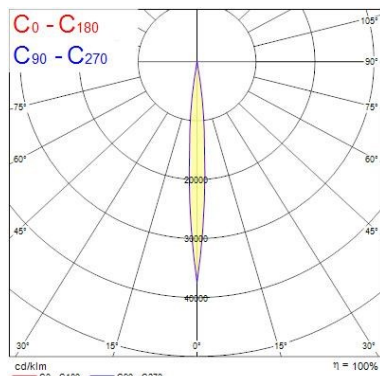
Packaging

Single packaging type	Carton
Product EAN number	5025768597437
Packaging single length / height (cm)	17.5
Packaging single width (cm)	15.0
Packaging single depth (cm)	17.5
DUN14 (outer)	05025768597437
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

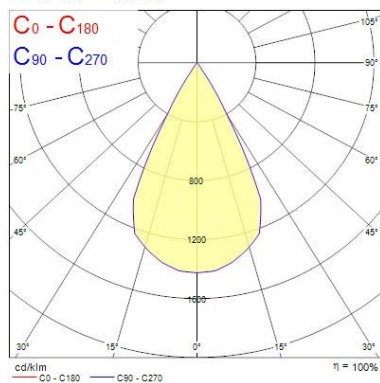
Dry applications use only	Yes
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PHOTOMETRY



0.5	0.52	E(0°) E(C0)	27.4°	1500 2162
1.0	1.04	E(0°) E(C0)	27.4°	150 548
1.5	1.56	E(0°) E(C0)	27.4°	60 242
2.0	2.07	E(0°) E(C0)	27.4°	30 136
2.5	2.59	E(0°) E(C0)	27.4°	15 87
3.0	3.11	E(0°) E(C0)	27.4°	8 81

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 54.8°)



0.5	0.07	E(0°) E(C0)	4.0°	82323 41360
1.0	0.14	E(0°) E(C0)	4.0°	20708 10465
1.5	0.21	E(0°) E(C0)	4.0°	8203 4851
2.0	0.28	E(0°) E(C0)	4.0°	5178 2916
2.5	0.35	E(0°) E(C0)	4.0°	3313 1674
3.0	0.42	E(0°) E(C0)	4.0°	2301 1183

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

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TECHNICAL DRAWINGS

