

Beacon Muse II CRI97 4000K L3 On-Board Dim White

Item No: 2059753

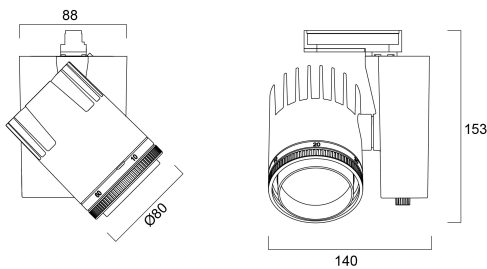
Concord



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: 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, dimmable via on-board potentiometer, power factor: 0.9 electrical protection: CLASS II, 3-circuit track Adaptor, compatible with OneTrack, Global Trac, and Concord Lytespan 3 track (for detailed information please check the compatibility list), protection rating: IP20, suitable for internal environment only, horizontal rotation: 355°, vertical tilt: 90°, dimensions: Ø80x135x176mm, weight: 0.95kg.

Technical Assets

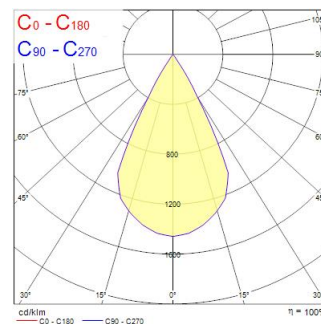
Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam diameter [ft]	Illuminance [lx]
0.5	0.52	Ø171	27'3"	8708
		Ø120	27'3"	2381
1.0	1.03	Ø171	27'3"	4571
		Ø120	27'3"	958
1.5	1.55	Ø171	27'3"	1458
		Ø120	27'3"	288
2.0	2.06	Ø171	27'3"	419
		Ø120	27'3"	158
2.5	2.58	Ø171	27'3"	268
		Ø120	27'3"	96
3.0	3.10	Ø171	27'3"	158
		Ø120	27'3"	35

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 54.6°)



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General data

Product name	Beacon Muse II CRI97 4000K L3 On-Board Dim White
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Track mounting
Built in presence detector	NONE
Environment	Internal
General application	Museums & Galleries
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
E-number FI	4274064
Warranty	5 years

Optical data

Fixture luminous flux (lm)	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)	230.0
Primary Supply/Product voltage - max (V)	240.0
Electrical protection	Class II
Dimmable	Yes
Dimming method	1-10V (Analogue)
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	White
IP rating	IP20
IK rating	IK02
Nominal Product Width (mm)	135
Nominal Product Height (mm)	176
Nominal Product Diameter (mm)	80

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Packaging

Product EAN number	5025768597536
Packaging single length / height (cm)	17.5
Packaging single width (cm)	15.0
Packaging single depth (cm)	17.5
DUN14 (inner)	05025768597536
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