BEACON 85CRI 4K MEDIUM BEAM L3 TRAILING EDGE WHITE

Item No: 2059673
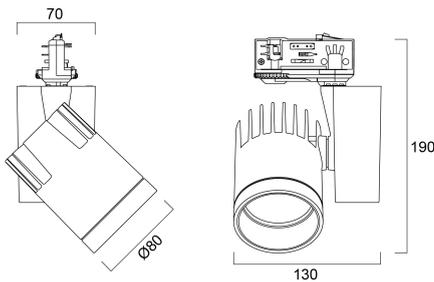
Concord

Integrated LED spotlight, white RAL 9016, compact and minimalist design, ideal for retail and display applications, die-cast aluminium body, passive cooling heatsink, beam angle: 38° medium beam, optics: Aluminium reflector, colour temperature: 4000K neutral white, total system power: 21W, total fixture output: 2348lm, luminaire efficacy: 112lm/W, LOR: 100%, colour rendering: Ra 85 typical, 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: Ø80x130x190mm, weight: 0.96kg.
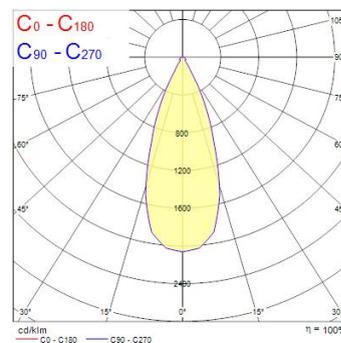
Technical Assets

Dimensions (mm)

Photometrics

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General data

Product name	BEACON 85CRI 4K MEDIUM BEAM L3 TRAILING EDGE WHITE
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Track mounting
Environment	Internal
General application	Museums & Galleries, Retail
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
E-number FI	4280829
E-number SE	7401250
Warranty	5 years

Optical data

Useful luminous flux (Φuse)	2348
Fixture luminous flux (lm)	2348
Luminaire efficacy (lm/W)	112
LOR (%)	100
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	85
Colour Consistency (SDCM)	3
Adjustable chromaticity	N
Beam Angle (°)	38
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	21
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.9
Electrical protection	Class II
Control gear type	Electronic ballast
Dimmable	Yes
Dimming method	Mains: trailing edge only
Minimum dimming level (%)	3
Drive current (mA)	500
Inrush Current (A)	45
Inrush Duration (µs)	20
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	48
Max. products per 16A C Breaker	80

Lifetime data

Lifespan L70 B50	72000
Lifespan L70 B10	72000
Lifespan L80 B50	72000
Lifespan L80 B20	72000
Lifespan L80 B10	72000
Lifespan L90 B50	43000
Lifespan L90 B20	36000
Lifespan L90 B10	33000

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Physical data

Housing colour	White
IP rating	IP20
IK rating	IK02
Nominal Product Length (mm)	70
Nominal Product Width (mm)	130
Nominal Product Height (mm)	169
Weight (kg)	1.543

Packaging

Product EAN number	5025768596737
Packaging single length / height (cm)	6.299
Packaging single width (cm)	6.929
Packaging single depth (cm)	7.165
DUN14 (inner)	05025768596737
Units per outer package	1
Packaging outer length / height (cm)	6.299
Packaging outer width (cm)	6.929
Packaging outer depth (cm)	7.165

Safety data

Glow Wire Test (°C)	650