Concord

BEACON ACCENT 97CRI 3K MEDIUM BEAM L3 ON-BOARD DIM WHITE
2059559

IP20 · IK02 · 650°C · ~ 50/60Hz · CE · UKCA · LED

Features

• Integrated LED spotlight, white RAL 9016, compact and minimalist design, low glare, dark-light detail for increased accentuation and visual comfort, ideal for museum, gallery and high-end retail applications, die-cast aluminium body, passive cooling heatsink, beam angle: 37° medium beam, optics: Aluminium reflector, colour temperature: 3000K warm white, total system power: 21W, total fixture output: 1410lm, luminaire efficacy: 67lm/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, suitable for Concord Lytespan 3 track, ingress protection rating: IP20, suitable for internal environment only, horizontal rotation: 355°, vertical tilt: 90°, dimensions: Ø80x130x169mm, weight: 0.96kg.
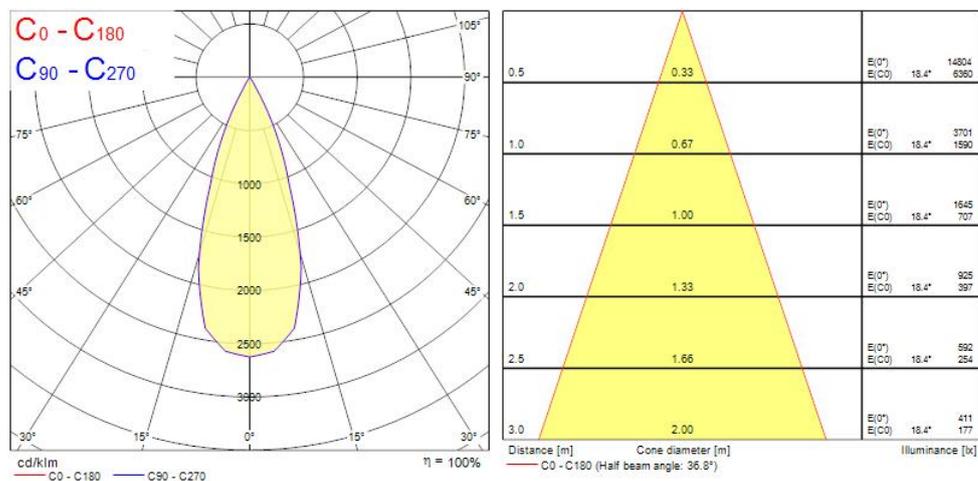
Product Overview

Product name	BEACON ACCENT 97CRI 3K MEDIUM BEAM L3 ON-BOARD DIM WHITE
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Track mounting
Environment	Internal
General application	Museums & Galleries, Retail
ETIM Class	EC001744
Fixture luminous flux (lm)	1410
Luminaire efficacy (lm/W)	67
LOR (%)	100
Correlated colour temperature (k)	3000

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Light colour	Warm White
CRI (Ra)	97
Colour Consistency (SDCM)	3
Beam Angle (°)	37
Photobiological Risk Group	RG1
Total power consumption (W)	21
Electrical protection	Class II
Control gear type	Electronic ballast
Dimmable	Yes
Minimum dimming level (%)	5
Housing colour	White
IP rating	IP20
IK rating	IK02
Product EAN number	5025768595594
Warranty	5 years
Dimming method	1-10V (Analogue)

Photometry

Distance [m]	Cone diameter [m]			Illuminance [lx]
0.5	0.33	E(0°)		14804
		E(C0)	18.4°	6360
1.0	0.67	E(0°)		3701
		E(C0)	18.4°	1590
1.5	1.00	E(0°)		1645
		E(C0)	18.4°	707
2.0	1.33	E(0°)		925
		E(C0)	18.4°	397
2.5	1.66	E(0°)		592
		E(C0)	18.4°	254
3.0	2.00	E(0°)		411
		E(C0)	18.4°	177

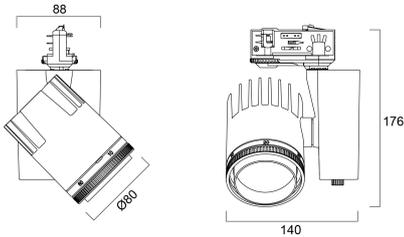C0 - C180 (Half beam angle: 36.8°)

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Technical drawings

Data table

GENERAL DATA

Product name	BEACON ACCENT 97CRI 3K MEDIUM BEAM L3 ON-BOARD DIM 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
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	1410
Luminaire efficacy (lm/W)	67
LOR (%)	100
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	97
Colour Consistency (SDCM)	3

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Adjustable chromaticity	N
Beam Angle (°)	37
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	21
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.9
Electrical protection	Class II
Control gear required	No
Control gear type	Electronic ballast
Dimmable	Yes
Dimming method	1-10V (Analogue)
Minimum dimming level (%)	5
Drive current (mA)	500
Inrush Current (A)	15
Inrush Duration (µs)	20
Energy Efficiency Class (A->G) of contained light source	F
Nominal Frequency (Hz)	50/60Hz
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 B20	36000
Lifespan L90 B10	33000

PHYSICAL DATA

Housing colour	White

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IP rating	IP20
IK rating	IK02
Nominal Product Width (mm)	130
Nominal Product Height (mm)	190
Nominal Product Diameter (mm)	80
Weight (kg)	0.7

PACKAGING

Product EAN number	5025768595594
Packaging single length / height (cm)	16.0
Packaging single width (cm)	17.6
Packaging single depth (cm)	18.2
DUN14 (inner)	05025768595594
Units per outer package	1
Packaging outer length / height (cm)	16.0
Packaging outer width (cm)	17.6
Packaging outer depth (cm)	18.2

SAFETY DATA

Glow Wire Test (°C)	650
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No

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