

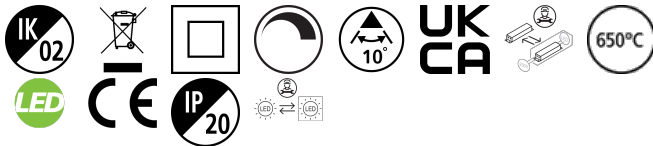
Beacon LED Accent

BEACON ACCENT 97CRI 3K NARROW BEAM L1 ON-BOARD DIM WHITE
2059545



Product 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: 10° intense narrow beam, optics: Fresnel lens for controlled beam, colour temperature: 3000K warm white, total system power: 21W, total fixture output: 503lm, luminaire efficacy: 24lm/W, LOR: 100%, colour rendering: Ra 97 typical, R9 value at 90, LED Chromacity: 3 step MacAdam ellipse, lifetime: >72,000 hours at L80B50, energy class: A++, A+, A, 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, 1-circuit track adaptor, suitable for Concord Lytespan 1 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 NARROW BEAM L1 ON-BOARD DIM WHITE
Technology	LED
Housing	Aluminium
Mount	Track mounting
Environment	Internal
General application	Museums & Galleries, Retail
ETIM Class	EC001744
Warranty	5 years
Fixture luminous flux (lm)	503
Luminaire efficacy (lm/W)	24
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	97
Colour Consistency (SDCM)	3
Beam Angle (°)	10
Photobiological Risk Group	RG1
Total power consumption (W)	21
Product Voltage (V)	240
Electrical protection	Class II
Control gear type	Electronic ballast
Dimmable	Yes
Dimming method	1-10V (Analogue)
Minimum dimming level (%)	5
Housing colour	White
IP rating	IP20
IK rating	IK02
Product EAN number	5025768595457

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DATA TABLE

General data

Product name	BEACON ACCENT 97CRI 3K NARROW BEAM L1 ON-BOARD DIM WHITE
Technology	LED
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)	503
Luminaire efficacy (lm/W)	24
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	97
Colour Consistency (SDCM)	3
Adjustable chromaticity	N
Beam Angle (°)	10
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	21
Mains voltage (V)	220-240V
Product Voltage (V)	240
Lamp power factor	0.9
Electrical protection	Class II
Control gear type	Electronic ballast
Transformer required	Yes
Dimmable	Yes
Dimming method	1-10V (Analogue)
Minimum dimming level (%)	5
Drive current (mA)	500
Inrush Current (A)	15
Inrush Duration (µs)	20
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	F
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 16A C Breaker	48

Lifetime data

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

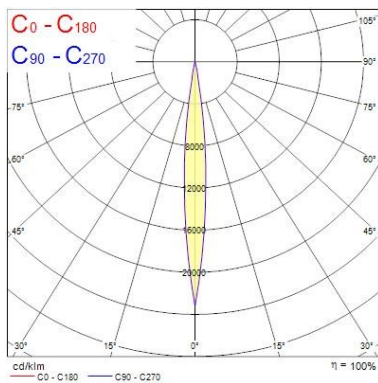
Physical data

Housing colour	White
IP rating	IP20
IK rating	IK02
Nominal Product Width (mm)	130
Nominal Product Height (mm)	169
Nominal Product Diameter (mm)	80
Weight (kg)	0.7

Packaging

Single packaging type	Carton
Product EAN number	5025768595457
Packaging single length / height (cm)	16.0
Packaging single width (cm)	17.6
Packaging single depth (cm)	18.2
DUN14 (outer)	05025768595457
Units per outer package	1
Packaging outer length / height (cm)	16.0
Packaging outer width (cm)	17.6
Packaging outer depth (cm)	18.2

PHOTOMETRY



Distance [m]	Cone diameter [m]	E ₀ [lx] E ₁ (C0) [lx]	E ₂ (C90) [lx]
0.5	0.09	48702 23254	
1.0	0.17	11983 5808	
1.5	0.26	5192 2580	
2.0	0.35	2921 1451	
2.5	0.44	1869 939	
3.0	0.52	1298 645	

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 10.0°)

TECHNICAL DRAWINGS

