

Beacon LED XL Accent

BEACON XL ACCENT 97CRI 3K NARROW BEAM L3 ON-BOARD DIM WHITE
2059569



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: 14° intense narrow beam, optics: Fresnel lens for controlled beam, colour temperature: 3000K warm white, total system power: 33W, total fixture output: 1675lm, luminaire efficacy: 51lm/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: 850mA, 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: Ø113x165x205mm, weight: 1.66kg.



PRODUCT OVERVIEW

Product name	BEACON XL ACCENT 97CRI 3K NARROW BEAM L3 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)	1675
Luminaire efficacy (lm/W)	51
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	97
Colour Consistency (SDCM)	3
Beam Angle (°)	14
Photobiological Risk Group	RG1
Total power consumption (W)	33
Product Voltage (V)	240
Electrical protection	Class II
Control gear type	Electronic ballast
Minimum dimming level (%)	99
Housing colour	White
IP rating	IP20
IK rating	IK02
Product EAN number	5025768595693

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DATA TABLE

General data

Product name	BEACON XL ACCENT 97CRI 3K NARROW BEAM L3 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)	1675
Luminaire efficacy (lm/W)	51
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	97
Colour Consistency (SDCM)	3
Adjustable chromaticity	N
Beam Angle (°)	14
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	33
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
Minimum dimming level (%)	99
Drive current (mA)	850
Inrush Current (A)	20
Inrush Duration (µs)	50
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	85

Lifetime data

Lifespan L70 B50	72000
Lifespan L70 B10	72000
Lifespan L80 B20	72000

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Lifespan L80 B10	72000
Lifespan L90 B50	43000
Lifespan L90 B20	36000
Lifespan L90 B10	32000

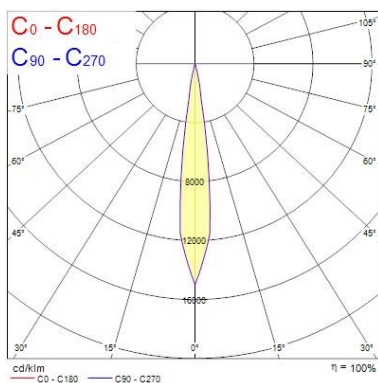
Physical data

Housing colour	White
IP rating	IP20
IK rating	IK02
Reflector finish	None
Nominal Product Width (mm)	165
Nominal Product Height (mm)	205
Nominal Product Diameter (mm)	113
Weight (kg)	1.365

Packaging

Single packaging type	Carton
Product EAN number	5025768595693
Packaging single length / height (cm)	25.0
Packaging single width (cm)	19.5
Packaging single depth (cm)	20.0
DUN14 (outer)	05025768595693
Units per outer package	1
Packaging outer length / height (cm)	25.0
Packaging outer width (cm)	19.5
Packaging outer depth (cm)	20.0

PHOTOMETRY



Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(0°) E(C90)	Illuminance [lx]
0.5	0.12	100429	8000	
1.0	0.25	25107	12523	
1.5	0.37	11159	5566	
2.0	0.50	6277	3121	
2.5	0.62	4017	2004	
3.0	0.75	2790	1391	

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 14.2°)

TECHNICAL DRAWINGS

