

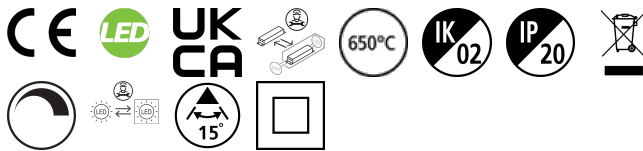
## Beacon LED XL

BEACON XL 93CRI 4K NARROW BEAM L3 ON-BOARD DIM WHITE  
2059697



### Product features

- Integrated LED spotlight, white RAL 9016, compact and minimalist design, ideal for retail, display, museum and gallery applications, die-cast aluminium body, passive cooling heatsink, beam angle: 15° narrow beam, optics: Fresnel lens for controlled beam, colour temperature: 4000K neutral white, total system power: 33W, total fixture output: 3312lm, luminaire efficacy: 100lm/W, LOR: 100%, colour rendering: Ra 93 typical, LED Chromacity: 3 step MacAdam ellipse, 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 93CRI 4K NARROW BEAM L3 ON-BOARD DIM WHITE
Technology	LED
Housing	Aluminium
Mount	Track mounting
Environment	Internal
General application	Museums & Galleries, Retail
ETIM Class	EC001744
E-number FI	4280857
Warranty	5 years
Fixture luminous flux (lm)	3312
Luminaire efficacy (lm/W)	100
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	93
Colour Consistency (SDCM)	3
Beam Angle (°)	15
Photobiological Risk Group	RG1
Total power consumption (W)	33
Product Voltage (V)	240
Electrical protection	Class II
Control gear type	Electronic ballast
Dimmable	Yes
Dimming method	1-10V (Analogue)
Minimum dimming level (%)	1
Housing colour	White
IP rating	IP20
IK rating	IK02
Product EAN number	5025768596973

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### DATA TABLE

#### General data

<b>Product name</b>	BEACON XL 93CRI 4K NARROW BEAM L3 ON-BOARD DIM WHITE
<b>Technology</b>	LED
<b>Housing</b>	Aluminium
<b>Mount</b>	Track mounting
<b>Environment</b>	Internal
<b>General application</b>	Museums & Galleries, Retail
<b>Performance ambient temperature Tq (°C)</b>	25
<b>ETIM Class</b>	EC001744
<b>E-number FI</b>	4280857
<b>Warranty</b>	5 years

#### Optical data

<b>Fixture luminous flux (lm)</b>	3312
<b>Luminaire efficacy (lm/W)</b>	100
<b>LOR (%)</b>	100
<b>Colour temperature (K)</b>	4000
<b>Light colour</b>	Neutral White
<b>CRI (Ra)</b>	93
<b>Colour Consistency (SDCM)</b>	3
<b>Adjustable chromaticity</b>	N
<b>Beam Angle (°)</b>	15
<b>Photobiological Risk Group</b>	RG1

#### Electrical data

<b>Total power consumption (W)</b>	33
<b>Mains voltage (V)</b>	220-240V
<b>Product Voltage (V)</b>	240
<b>Lamp power factor</b>	0.9
<b>Electrical protection</b>	Class II
<b>Control gear type</b>	Electronic ballast
<b>Transformer required</b>	Yes
<b>Dimmable</b>	Yes
<b>Dimming method</b>	1-10V (Analogue)
<b>Minimum dimming level (%)</b>	1
<b>Drive current (mA)</b>	850
<b>Inrush Current (A)</b>	5
<b>Inrush Duration (µs)</b>	50
<b>Glow Wire Test (°C)</b>	650
<b>Energy Efficiency Class (A-&gt;G) of contained light source</b>	E
<b>Nominal Frequency (Hz)</b>	50/60Hz
<b>Max. Luminaires per 10A C Breaker</b>	52
<b>Max. Luminaires per 16A C Breaker</b>	85
<b>Max. Luminaires per 20A C Breaker</b>	104

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Max. Luminaires per 10A B Breaker	31
Max. Luminaires per 16A B Breaker	50

### Lifetime data

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

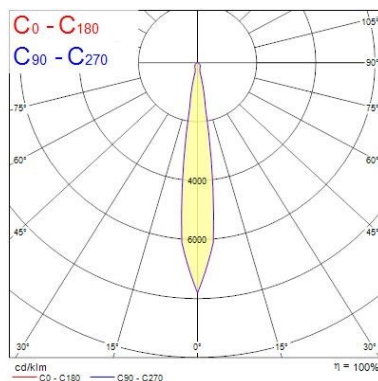
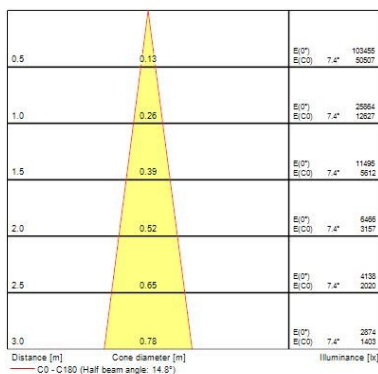
### Physical data

Housing colour	White
IP rating	IP20
IK rating	IK02
Nominal Product Length (mm)	85
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	5025768596973
Packaging single length / height (cm)	25.0
Packaging single width (cm)	19.5
Packaging single depth (cm)	20.0
DUN14 (outer)	05025768596973
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



## TECHNICAL DRAWINGS

## Beacon LED XL

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