

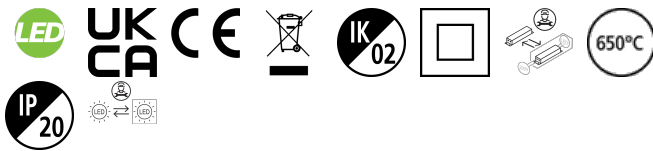
## Beacon LED XL Accent

*BEACON XL ACCENT 97CRI 4K WIDE BEAM L3 ON-BOARD DIM BLACK*  
2059578



### Product features

- Integrated LED spotlight, black RAL 9005, 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: 44° wide beam, optics: Aluminium reflector, colour temperature: 4000K neutral white, total system power: 33W, total fixture output: 2478lm, luminaire efficacy: 75lm/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 4K WIDE BEAM L3 ON-BOARD DIM BLACK
Technology	LED
Housing	Aluminium
Mount	Track mounting
Environment	Internal
General application	Museums & Galleries, Retail
ETIM Class	EC001744
Warranty	5 years
Fixture luminous flux (lm)	2478
Luminaire efficacy (lm/W)	75.09
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	97
Colour Consistency (SDCM)	3
Beam Angle (°)	44
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	Black
IP rating	IP20
IK rating	IK02
Product EAN number	5025768595785

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### DATA TABLE

#### General data

<b>Product name</b>	BEACON XL ACCENT 97CRI 4K WIDE BEAM L3 ON-BOARD DIM BLACK
<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>Warranty</b>	5 years

#### Optical data

<b>Fixture luminous flux (lm)</b>	2478
<b>Luminaire efficacy (lm/W)</b>	75.09
<b>LOR (%)</b>	100
<b>Colour temperature (K)</b>	4000
<b>Light colour</b>	Neutral White
<b>CRI (Ra)</b>	97
<b>Colour Consistency (SDCM)</b>	3
<b>Adjustable chromaticity</b>	N
<b>Beam Angle (°)</b>	44
<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>Minimum dimming level (%)</b>	99
<b>Drive current (mA)</b>	850
<b>Inrush Current (A)</b>	20
<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>	F
<b>Nominal Frequency (Hz)</b>	50/60Hz
<b>Max. Luminaires per 16A C Breaker</b>	85

#### Lifetime data

<b>Lifespan L70 B50</b>	72000
<b>Lifespan L70 B10</b>	72000
<b>Lifespan L80 B20</b>	72000

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

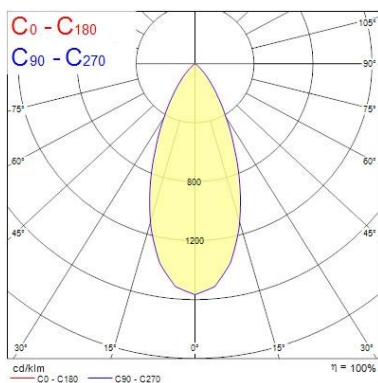
### Physical data

Housing colour	Black
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)	3.008

### Packaging

Single packaging type	Carton
Product EAN number	5025768595785
Packaging single length / height (cm)	25.0
Packaging single width (cm)	19.5
Packaging single depth (cm)	20.0
DUN14 (outer)	05025768595785
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°) [lx]	E(C0) [lx]	E(C90) [lx]	E(C180) [lx]
0.5	0.40	18528	22.0°	18528	6219
1.0	0.81	3882	22.0°	3882	1554
1.5	1.21	1728	22.0°	1728	691
2.0	1.62	970	22.0°	970	389
2.5	2.02	621	22.0°	621	248
3.0	2.42	431	22.0°	431	173

Distance [m] Cone diameter [m] Illuminance [lx]  
C0 - C180 (Half beam angle: 44.0°)

## TECHNICAL DRAWINGS

