

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

Item No: 2059578

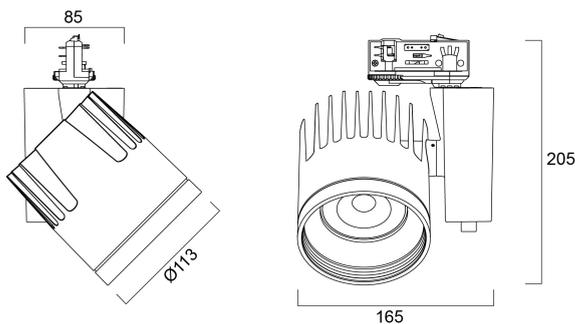
Concord



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: 2400lm, luminaire efficacy: 73lm/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: 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.

## Technical Assets

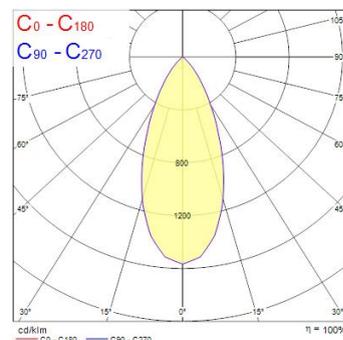
### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	E <sub>0</sub> <sup>(1)</sup> E <sub>(C0)</sub> 22.0°	16026 6318
0.5	0.40	E <sub>0</sub> <sup>(1)</sup> E <sub>(C0)</sub> 22.0°	3682 1464
1.0	0.81	E <sub>0</sub> <sup>(1)</sup> E <sub>(C0)</sub> 22.0°	1725 691
1.5	1.21	E <sub>0</sub> <sup>(1)</sup> E <sub>(C0)</sub> 22.0°	910 369
2.0	1.62	E <sub>0</sub> <sup>(1)</sup> E <sub>(C0)</sub> 22.0°	621 249
2.5	2.02	E <sub>0</sub> <sup>(1)</sup> E <sub>(C0)</sub> 22.0°	481 173
3.0	2.42	E <sub>0</sub> <sup>(1)</sup> E <sub>(C0)</sub> 22.0°	

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



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## General data

Product name	BEACON XL ACCENT 97CRI 4K WIDE BEAM L3 ON-BOARD DIM BLACK
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

Useful luminous flux (Φuse)	2400
Fixture luminous flux (lm)	2400
Luminaire efficacy (lm/W)	73
LOR (%)	100
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	97
Colour Consistency (SDCM)	3
Adjustable chromaticity	N
Beam Angle (°)	44
Photobiological Risk Group	RG1

## Electrical data

Total power consumption (W)	33
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 type	Electronic ballast
Dimmable	Yes
Dimming method	1-10V (Analogue)
Minimum dimming level (%)	1
Drive current (mA)	850
Inrush Current (A)	20
Inrush Duration (µs)	50
Energy Efficiency Class (A->G) of contained light source	F
Nominal Frequency (Hz)	50/60Hz
Max. products per 16A C Breaker	85

## Lifetime data

Lifespan L70 B50	72000
Lifespan L70 B10	72000
Lifespan L80 B20	72000
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	Not Applicable
Nominal Product Width (mm)	165
Nominal Product Height (mm)	205
Nominal Product Diameter (mm)	113
Weight (kg)	3.008

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

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## Packaging

Product EAN number	5025768595785
Packaging single length / height (cm)	25.0
Packaging single width (cm)	19.5
Packaging single depth (cm)	20.0
DUN14 (inner)	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

## Safety data

Glow Wire Test (°C)	650
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