

# BEACON XL 85CRI 3K WIDE BEAM L3 WHITE

Item No: 2059717

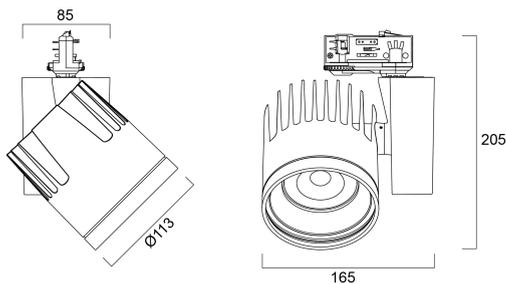
Concord



Integrated LED spotlight, white RAL 9016, compact and minimalist design, ideal for retail and display applications, die-cast aluminium body, passive cooling heatsink, beam angle: 50° wide beam, optics: Polycarbonate lens, colour temperature: 3000K warm white, total system power: 33W, total fixture output: 3350lm, luminaire efficacy: 102lm/W, LOR: 100%, colour rendering: Ra 85 typical, LED Chromacity: 3 step MacAdam ellipse, IR/UV free light source without heat radiation, operating voltage: 220-240V / 50-60Hz, drive current: 800mA, electronic driver, non-dimmable, 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

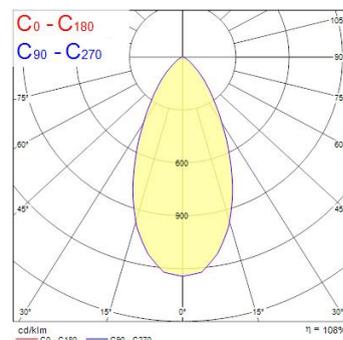
### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	E101 E100	E100 E100	17001 6447
0.5	0.47	E101 E100	25.1°	17001 6447
1.0	0.94	E101 E100	25.1°	4325 1612
1.5	1.41	E101 E100	25.1°	1922 716
2.0	1.87	E101 E100	25.1°	1081 403
2.5	2.34	E101 E100	25.1°	592 258
3.0	2.81	E101 E100	25.1°	481 179

Distance [m]      Cone diameter [m]      Illuminance [lx]  
 — C0 - C180 (Half beam angle: 50.2°)



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## General data

Product name	BEACON XL 85CRI 3K WIDE BEAM L3 WHITE
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
E-number FI	4280877
E-number SE	7401258
Warranty	5 years

## Optical data

Useful luminous flux (Φuse)	3350
Fixture luminous flux (lm)	3350
Luminaire efficacy (lm/W)	102
LOR (%)	100
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	85
Colour Consistency (SDCM)	3
Adjustable chromaticity	N
Beam Angle (°)	50
Photobiological Risk Group	RG1

## Electrical data

Total power consumption (W)	33
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.9
Electrical protection	Class II
Control gear type	Electronic ballast
Dimmable	No
Dimming method	N/A
Drive current (mA)	800
Inrush Current (A)	30
Inrush Duration (µs)	200
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	12
Max. products per 16A C Breaker	20
Max. products per 10A B Breaker	12
Max. products per 16A B Breaker	20

## 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
Weight (kg)	1.365

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## Packaging

Product EAN number	5025768597178
Packaging single length / height (cm)	25.0
Packaging single width (cm)	19.5
Packaging single depth (cm)	20.0
DUN14 (inner)	05025768597178
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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