BEACON XL 85CRI 4K WIDE BEAM L3 BLACK

Item No: 2059722
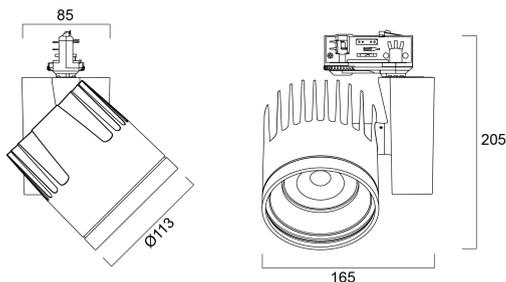
Concord

Integrated LED spotlight, black RAL 9005, 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: 4000K neutral white, total system power: 33W, total fixture output: 3550lm, luminaire efficacy: 108lm/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.
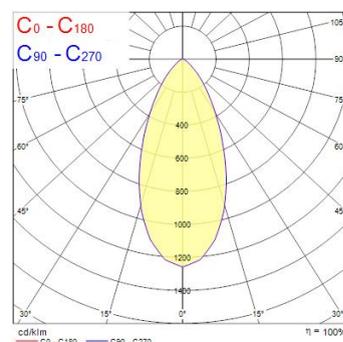
Technical Assets

Dimensions (mm)

85

205

Ø113

165

Photometrics

Distance [m]	Cone diameter [m]		Illuminance [lx]
0.5	0.43	E(0°) E(C0) 23.5°	18622 7146
1.0	0.87	E(0°) E(C0) 23.5°	4631 1786
1.5	1.30	E(0°) E(C0) 23.5°	2058 794
2.0	1.74	E(0°) E(C0) 23.5°	1158 447
2.5	2.17	E(0°) E(C0) 23.5°	741 286
3.0	2.61	E(0°) E(C0) 23.5°	515 198

—— C0 - C180 (Half beam angle: 47.0°)

C0 - C180
C90 - C270

400
600
800
1000
1200
1400

cd/klm

η = 100%

—— C0 - C180   —— C90 - C270

BEACON XL 85CRI 4K WIDE BEAM L3 BLACK

Item No: 2059722

Concord

General data

Product name	BEACON XL 85CRI 4K WIDE BEAM L3 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
E-number FI	4280882
E-number SE	7401263
Warranty	5 years

Optical data

Useful luminous flux (Φuse)	3550
Fixture luminous flux (lm)	3550
Luminaire efficacy (lm/W)	108
LOR (%)	100
Correlated colour temperature (k)	4000
Light colour	Neutral 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	Black
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

BEACON XL 85CRI 4K WIDE BEAM L3 BLACK

Item No: 2059722

Concord

Packaging

Product EAN number	5025768597222
Packaging single length / height (cm)	25.0
Packaging single width (cm)	19.5
Packaging single depth (cm)	20.0
DUN14 (inner)	05025768597222
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