BEACON XXL MB 4K L3 BLK

Item No: 2093046
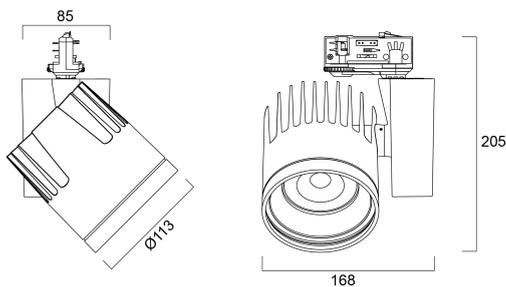
Concord

2093046 BEACON XXL MB 4K L3 BLK Integrated LED spotlight, black RAL 9005, compact and minimalist design, ideal for double height spaces, retail and display applications, die-cast aluminium body, passive cooling heatsink, beam angle: 50° medium beam, optics: Silicone lens for controlled beam, colour temperature: 4000K neutral white, total system power: 48W, total fixture output: 4179lm, luminaire efficacy: 87lm/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: 1200mA, electronic driver, non-dimmable, switched only, power factor: 0.98 electrical protection: CLASS I, 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°, lockable positioning using Allen key, dime...
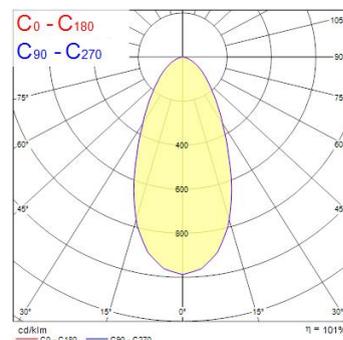
Technical Assets

Dimensions (mm)

85

205

Ø113

168

Photometrics

Distance [m]	Cone diameter [m]			Illuminance [lx]
0.5	0.46	E(0°)	24.8°	16508
		E(C0)		6175
1.0	0.92	E(0°)	24.8°	4126
		E(C0)		1544
1.5	1.39	E(0°)	24.8°	1834
		E(C0)		686
2.0	1.85	E(0°)	24.8°	1032
		E(C0)		386
2.5	2.31	E(0°)	24.8°	660
		E(C0)		247
3.0	2.77	E(0°)	24.8°	458
		E(C0)		172

C0 - C180 (Half beam angle: 49.6°)

C_0 - C_{180}
C_{90} - C_{270}

cd/klm

C0 - C180   C90 - C270

η = 101%

BEACON XXL MB 4K L3 BLK

Item No: 2093046

Concord

General data

Product name	BEACON XXL MB 4K L3 BLK
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Track mounting
Environment	Internal
General application	Retail
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
E-number FI	4278817
Warranty	5 years

Optical data

Useful luminous flux (Φuse)	4179
Fixture luminous flux (lm)	4179
Luminaire efficacy (lm/W)	87.06
LOR (%)	100
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	93
Colour Consistency (SDCM)	3
Adjustable chromaticity	N
Beam Angle (°)	50
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	48
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.98
Electrical protection	Class I
Control gear type	Electronic ballast
Dimmable	No
Dimming method	N/A
Drive current (mA)	1200
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	100000
Lifespan L90 B10	55500

Physical data

Housing colour	Black
IP rating	IP20
Diffuser finish	Diffuse
Reflector finish	Not Applicable
Nominal Product Length (mm)	85
Nominal Product Width (mm)	168
Nominal Product Height (mm)	205
Weight (kg)	1.5

BEACON XXL MB 4K L3 BLK

Item No: 2093046

Concord

Packaging

Product EAN number	5025768930463
Packaging single length / height (cm)	25.0
Packaging single width (cm)	19.5
Packaging single depth (cm)	20.0
DUN14 (inner)	05025768930463
Units per outer package	1
Packaging outer length / height (cm)	25.0
Packaging outer width (cm)	19.5
Packaging outer depth (cm)	20.0