

Beacon XXL MB On-Board Dim 3000K L3 White

Item No: 2093007

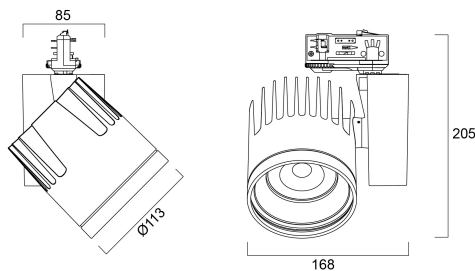
Concord



2093007 BEACON XXL MB O/B DIM 3K L3 WHT Integrated LED spotlight, white RAL 9016, 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: Fresnel lens for controlled beam, colour temperature: 3000K warm white, total system power: 48W, total fixture output: 3670lm, luminaire efficacy: 76lm/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, dimmable, on-board potentiometer for dimming control, power factor: 0.98 electrical protection: CLASS I, 3-circuit track Adaptor, compatible with OneTrack, Global Trac, and Concord Lytespan 3 track (for detailed information please check the compatibility list), protection rating: IP20, suitable for internal environment only, horizontal rotation: 355°, vertical tilt: 90°, lockable positioning using allen key, dimensions Ø113x168x205mm

Technical Assets

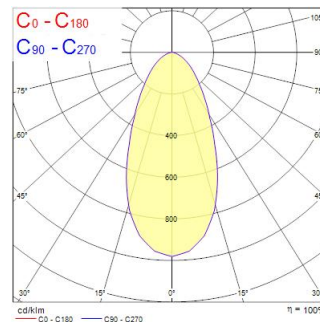
Dimensions (mm)



Photometrics

| Distance [m] | Cone diameter [m] | Beam diameter [m] | Illuminance [lx] |
|--------------|-------------------|-------------------|------------------|
| 0.5 | 0.46 | Ø171 24.8° | 14401 898 |
| 1.0 | 0.92 | Ø171 24.8° | 3602 154 |
| 1.5 | 1.39 | Ø171 24.8° | 1602 68 |
| 2.0 | 1.85 | Ø171 24.8° | 802 33 |
| 2.5 | 2.31 | Ø171 24.8° | 418 21 |
| 3.0 | 2.77 | Ø171 24.8° | 202 13 |

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 48.6°)



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General data

| | |
|-----------------------------------------|-------------------------------------------|
| Product name | Beacon XXL MB On-Board Dim 3000K L3 White |
| 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 | 4278681 |
| E-number SE | 7401083 |
| Warranty | 5 years |

Optical data

| | |
|-----------------------------------|------------|
| Fixture luminous flux (lm) | 3670 |
| Luminaire efficacy (lm/W) | 76.46 |
| LOR (%) | 100 |
| Correlated colour temperature (k) | 3000 |
| Light colour | Warm 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 | Yes |
| Dimming method | Mains: leading / trailing edge |
| 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 | White |
| 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 |

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Packaging

| | |
|---------------------------------------|----------------|
| Product EAN number | 5025768930074 |
| Packaging single length / height (cm) | 25.0 |
| Packaging single width (cm) | 19.5 |
| Packaging single depth (cm) | 20.0 |
| DUN14 (inner) | 05025768930074 |
| Units per outer package | 1 |
| Packaging outer length / height (cm) | 25.0 |
| Packaging outer width (cm) | 19.5 |
| Packaging outer depth (cm) | 20.0 |