

BEACON XL 93CRI 4K WIDE BEAM L3+DALI WHITE

Item No: 2059711

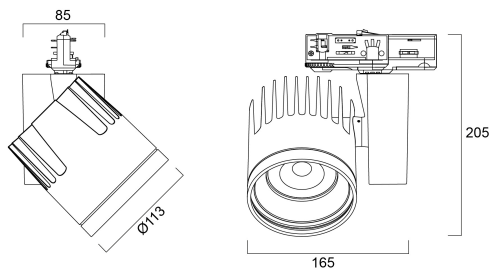
Concord



Integrated LED spotlight, white RAL 9016, compact and minimalist design, ideal for retail, display, museum and gallery 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: 2950lm, luminaire efficacy: 89lm/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: 800mA, electronic driver, DALI dimmable, power factor: 0.9 electrical protection: CLASS II, 3-circuit DALI track adaptor, suitable for Concord Lytespan 3+DALI track, ingress protection rating: IP20. **IMPORTANT NOTE:** This fixture can only be used on the Lytespan DALI or Lytebeam DALI tracks !

Technical Assets

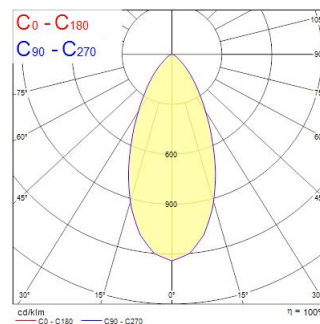
Dimensions (mm)



Photometrics

| Distance [m] | Cone diameter [m] | Beam diameter [m] | Illuminance [lx] |
|--------------|-------------------|-------------------|------------------|
| 0.5 | 0.44 | 0.27 | 1554 |
| 1.0 | 0.88 | 0.54 | 378 |
| 1.5 | 1.32 | 0.81 | 167 |
| 2.0 | 1.76 | 1.08 | 94 |
| 2.5 | 2.19 | 1.35 | 52 |
| 3.0 | 2.63 | 1.62 | 30 |

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 47.4°)



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General data

| | |
|---|--|
| Product name | BEACON XL 93CRI 4K WIDE BEAM L3+DALI 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 |
| Warranty | 5 years |

Optical data

| | |
|-----------------------------------|---------------|
| Fixture luminous flux (lm) | 2950 |
| Luminaire efficacy (lm/W) | 89 |
| 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) | 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 | Yes |
| Dimming method | DALI |
| Minimum dimming level (%) | 1 |
| Drive current (mA) | 800 |
| Inrush Current (A) | 20 |
| Inrush Duration (µs) | 50 |
| Energy Efficiency Class (A->G) of contained light source | E |
| Nominal Frequency (Hz) | 50/60Hz |
| Max. products per 10A C Breaker | 33 |
| Max. products per 16A C Breaker | 55 |
| Max. products per 10A B Breaker | 33 |
| Max. products per 16A B Breaker | 55 |

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 |

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Packaging

| | |
|---------------------------------------|----------------|
| Product EAN number | 5025768597116 |
| Packaging single length / height (cm) | 25.0 |
| Packaging single width (cm) | 19.5 |
| Packaging single depth (cm) | 20.5 |
| DUN14 (inner) | 05025768597116 |
| Units per outer package | 1 |
| Packaging outer length / height (cm) | 25.0 |
| Packaging outer width (cm) | 19.5 |
| Packaging outer depth (cm) | 20.5 |

Safety data

| | |
|---------------------|-----|
| Glow Wire Test (°C) | 650 |
|---------------------|-----|