

BEACON LED MUSE II 97CRI 4000K L3+DALI BLACK

Item No: 2059754

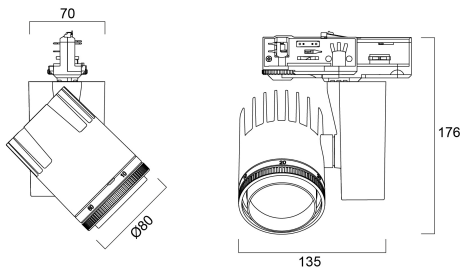
Concord



Integrated LED spotlight, black RAL 9005, unique soft-touch ring, adjustable beam angle from a 8° spot to a 55° flood, compact and minimalist design, ideal for museum, gallery and high-end retail applications, die-cast aluminium body, passive cooling heatsink, beam angle: 8° spot to 55° flood, optics: aspheric glass lens, colour temperature: 4000K neutral white, total system power: 21W, total fixture output: 1150lm, luminaire efficacy: 55lm/W, LOR: 100%, colour rendering: Ra 97 typical, R9 value at 90, LED Chromacity: 3 step MacAdam ellipse, IR/UV free light source without heat radiation, operating voltage: 220-240V / 50-60Hz, drive current: 500mA, 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

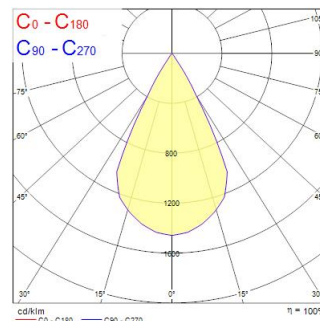
Dimensions (mm)



Photometrics

| Distance [m] | Cone diameter [m] | Beam diameter [m] | Illuminance [lx] |
|--------------|-------------------|-------------------|------------------|
| 0.5 | 0.52 | Ø171 / 27.3" | 8708 / 2381 |
| 1.0 | 1.03 | Ø171 / 27.3" | 1677 / 458 |
| 1.5 | 1.55 | Ø171 / 27.3" | 745 / 203 |
| 2.0 | 2.06 | Ø171 / 27.3" | 479 / 130 |
| 2.5 | 2.58 | Ø171 / 27.3" | 298 / 81 |
| 3.0 | 3.10 | Ø171 / 27.3" | 198 / 54 |

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 54.6°)



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General data

| | |
|---|--|
| Product name | BEACON LED MUSE II 97CRI 4000K L3+DALI BLACK |
| Technology | LED |
| Cap/Base | N/A |
| Housing | Aluminium |
| Mount | Track mounting |
| Built in presence detector | NONE |
| General application | Museums & Galleries |
| Performance ambient temperature Tq (°C) | 25 |
| ETIM Class | EC001744 |
| Warranty | 5 years |

Optical data

| | |
|-----------------------------------|---------------|
| Fixture luminous flux (lm) | 1150 |
| Luminaire efficacy (lm/W) | 55 |
| LOR (%) | 100 |
| Correlated colour temperature (k) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 97 |
| Colour Consistency (SDCM) | 3 |
| Photobiological Risk Group | RG1 |

Electrical data

| | |
|--|--------------------|
| Total power consumption (W) | 21 |
| Primary Supply/Product voltage - min (V) | 230.0 |
| Primary Supply/Product voltage - max (V) | 240.0 |
| Electrical protection | Class II |
| Control gear type | Electronic ballast |
| Dimmable | Yes |
| Dimming method | DALI |
| Drive current (mA) | 500 |
| Inrush Current (A) | 45 |
| Inrush Duration (µs) | 20 |
| Energy Efficiency Class (A->G) of contained light source | F |
| Nominal Frequency (Hz) | 50/60Hz |
| Max. products per 10A C Breaker | 50 |
| Max. products per 16A C Breaker | 80 |

Lifetime data

| | |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L80 B20 | 100000 |
| Lifespan L90 B10 | 47500 |

Physical data

| | |
|-------------------------------|-------|
| Housing colour | Black |
| IP rating | IP20 |
| IK rating | IK02 |
| Nominal Product Width (mm) | 135 |
| Nominal Product Height (mm) | 176 |
| Nominal Product Diameter (mm) | 80 |
| Weight (kg) | 0.95 |

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Packaging

| | |
|---------------------------------------|----------------|
| Product EAN number | 5025768597543 |
| Packaging single length / height (cm) | 17.5 |
| Packaging single width (cm) | 15.0 |
| Packaging single depth (cm) | 17.5 |
| DUN14 (inner) | 05025768597543 |
| Units per outer package | 1 |
| Packaging outer length / height (cm) | 17.5 |
| Packaging outer width (cm) | 15.0 |
| Packaging outer depth (cm) | 17.5 |

Safety data

| | |
|---------------------------|-----|
| Dry applications use only | Yes |
|---------------------------|-----|