

Beacon LED

BEACON 93CRI 3K WIDE BEAM L3 ON-BOARD DIM WHITE

2059631



Product features

- 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: 55° wide beam, optics: Aluminium reflector, colour temperature: 3000K warm white, total system power: 21W, total fixture output: 1700lm, luminaire efficacy: 81lm/W, LOR: 100%, colour rendering: Ra 93 typical, LED Chromacity: 3 step MacAdam ellipse, lifetime: >72,000 hours at L80B50, energy class: A++, A+, A, IR/UV free light source without heat radiation, operating voltage: 220-240V / 50-60Hz, drive current: 500mA, electronic driver, dimmable via on-board potentiometer, 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: Ø80x130x190mm, weight: 0.96kg.



PRODUCT OVERVIEW

| | |
|-----------------------------|---|
| Product name | BEACON 93CRI 3K WIDE BEAM L3 ON-BOARD DIM WHITE |
| Technology | LED |
| Housing | Aluminium |
| Mount | Track mounting |
| Environment | Internal |
| General application | Museums & Galleries, Retail |
| ETIM Class | EC001744 |
| Warranty | 5 years |
| Fixture luminous flux (lm) | 1700 |
| Luminaire efficacy (lm/W) | 81 |
| LOR (%) | 100 |
| Colour temperature (K) | 3000 |
| Light colour | Warm White |
| CRI (Ra) | 93 |
| Colour Consistency (SDCM) | 3 |
| Beam Angle (°) | 55 |
| Photobiological Risk Group | RG1 |
| Total power consumption (W) | 21 |
| Product Voltage (V) | 240 |
| Electrical protection | Class II |
| Control gear type | Electronic ballast |
| Minimum dimming level (%) | 95 |
| Housing colour | White |
| IP rating | IP20 |
| IK rating | IK02 |
| Product EAN number | 5025768596317 |

DATA TABLE

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General data

| | |
|--|---|
| Product name | BEACON 93CRI 3K WIDE BEAM L3 ON-BOARD DIM WHITE |
| Technology | LED |
| 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) | 1700 |
| Luminaire efficacy (lm/W) | 81 |
| LOR (%) | 100 |
| Colour temperature (K) | 3000 |
| Light colour | Warm White |
| CRI (Ra) | 93 |
| Colour Consistency (SDCM) | 3 |
| Adjustable chromaticity | N |
| Beam Angle (°) | 55 |
| Photobiological Risk Group | RG1 |

Electrical data

| | |
|--|--------------------|
| Total power consumption (W) | 21 |
| Mains voltage (V) | 220-240V~ |
| Product Voltage (V) | 240 |
| Lamp power factor | 0.9 |
| Electrical protection | Class II |
| Control gear type | Electronic ballast |
| Transformer required | Yes |
| Minimum dimming level (%) | 95 |
| Drive current (mA) | 500 |
| Inrush Current (A) | 45 |
| Inrush Duration (µs) | 20 |
| Glow Wire Test (°C) | 650 |
| Energy Efficiency Class (A->G) of contained light source | E |
| Nominal Frequency (Hz) | 50/60Hz |
| Max. Luminaires per 10A C Breaker | 48 |
| Max. Luminaires per 16A C Breaker | 80 |

Lifetime data

| | |
|-------------------------|-------|
| Lifespan L70 B50 | 72000 |
| Lifespan L70 B10 | 72000 |
| Lifespan L80 B50 | 72000 |
| Lifespan L80 B20 | 72000 |
| Lifespan L80 B10 | 72000 |
| Lifespan L90 B50 | 43000 |

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| | |
|------------------|-------|
| Lifespan L90 B20 | 36000 |
| Lifespan L90 B10 | 33000 |

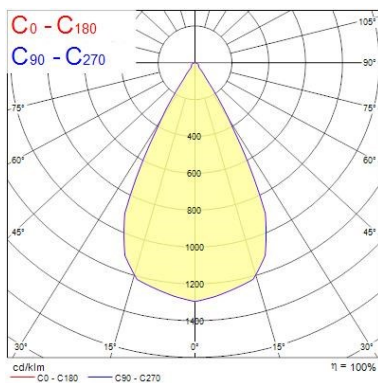
Physical data

| | |
|-------------------------------|-------|
| Housing colour | White |
| IP rating | IP20 |
| IK rating | IK02 |
| Nominal Product Width (mm) | 130 |
| Nominal Product Height (mm) | 190 |
| Nominal Product Diameter (mm) | 80 |
| Weight (kg) | 0.7 |

Packaging

| | |
|---------------------------------------|----------------|
| Single packaging type | Carton |
| Product EAN number | 5025768596317 |
| Packaging single length / height (cm) | 16.0 |
| Packaging single width (cm) | 17.6 |
| Packaging single depth (cm) | 18.2 |
| DUN14 (outer) | 05025768596317 |
| Units per outer package | 1 |
| Packaging outer length / height (cm) | 16.0 |
| Packaging outer width (cm) | 17.6 |
| Packaging outer depth (cm) | 18.2 |

PHOTOMETRY



| Distance [m] | Cone diameter [m] | Illuminance [lx] |
|--------------|-------------------|------------------|
| 0.5 | 0.52 | 8812 3079 |
| 1.0 | 1.05 | 2203 788 |
| 1.5 | 1.57 | 979 341 |
| 2.0 | 2.09 | 551 192 |
| 2.5 | 2.61 | 352 123 |
| 3.0 | 3.14 | 245 88 |

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 55.2°)

TECHNICAL DRAWINGS

