

## Beacon LED Accent

BEACON ACCENT 97CRI 3K MEDIUM BEAM L3 ON-BOARD DIM WHITE  
2059559



### Product features

- Integrated LED spotlight, white RAL 9016, compact and minimalist design, low glare, dark-light detail for increased accentuation and visual comfort, ideal for museum, gallery and high-end retail applications, die-cast aluminium body, passive cooling heatsink, beam angle: 37° medium beam, optics: Aluminium reflector, colour temperature: 3000K warm white, total system power: 21W, total fixture output: 1410lm, luminaire efficacy: 67lm/W, LOR: 100%, colour rendering: Ra 97 typical, R9 value at 90, 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: Ø80x130x169mm, weight: 0.96kg.



### PRODUCT OVERVIEW

|                             |                                                          |
|-----------------------------|----------------------------------------------------------|
| IPC Code                    | 2059559                                                  |
| Product name                | BEACON ACCENT 97CRI 3K MEDIUM BEAM L3 ON-BOARD DIM WHITE |
| Technology                  | LED                                                      |
| Housing                     | Die cast Aluminium                                       |
| Mount                       | Three Circuit Track (L3)                                 |
| Environment                 | Internal                                                 |
| General application         | Museums & Galleries, Retail                              |
| Certifications              | EUNEW009                                                 |
| ETIM Class                  | EC001744                                                 |
| Fixture luminous flux (lm)  | 1410                                                     |
| Luminaire efficacy (lm/W)   | 67                                                       |
| LOR (%)                     | 100                                                      |
| Colour temperature (K)      | 3000                                                     |
| Light colour                | Warm White                                               |
| CRI (Ra)                    | 97                                                       |
| Colour Consistency (SDCM)   | 3                                                        |
| Beam Angle (°)              | 37                                                       |
| Photobiological Risk Group  | Group 1                                                  |
| Total power consumption (W) | 21                                                       |
| Product Voltage (V)         | 240                                                      |
| Electrical protection       | Class II                                                 |
| Control gear type           | Electronic                                               |
| Minimum dimming level (%)   | 95                                                       |
| Average life (Nominal) (h)  | 50000                                                    |
| Housing colour              | White                                                    |
| IP rating                   | IP20                                                     |
| IK rating                   | IK02                                                     |
| Product EAN number          | 5025768595594                                            |
| Lamps                       | Yes                                                      |
| Included lamp               | INTEGRATED LED                                           |

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### DATA TABLE

#### General data

|                     |                                                          |
|---------------------|----------------------------------------------------------|
| IPC Code            | 2059559                                                  |
| Product name        | BEACON ACCENT 97CRI 3K MEDIUM BEAM L3 ON-BOARD DIM WHITE |
| Technology          | LED                                                      |
| Housing             | Die cast Aluminium                                       |
| Mount               | Three Circuit Track (L3)                                 |
| Environment         | Internal                                                 |
| General application | Museums & Galleries,Retail                               |
| Certifications      | EUNEW009                                                 |
| ETIM Class          | EC001744                                                 |

#### Optical data

|                            |            |
|----------------------------|------------|
| Fixture luminous flux (lm) | 1410       |
| Luminaire efficacy (lm/W)  | 67         |
| LOR (%)                    | 100        |
| Colour temperature (K)     | 3000       |
| Light colour               | Warm White |
| CRI (Ra)                   | 97         |
| Colour Consistency (SDCM)  | 3          |
| Adjustable chromaticity    | N          |
| Beam Angle (°)             | 37         |
| Distribution type          | Direct     |
| Photobiological Risk Group | Group 1    |

#### 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 |
| Transformer required              | Yes        |
| Minimum dimming level (%)         | 95         |
| Inrush Current (A)                | 15         |
| Inrush Duration (µs)              | 20         |
| Glow Wire Test (°C)               | 650        |
| Nominal Frequency (Hz)            | 50/60Hz    |
| Max. Luminaires per 16A C Breaker | 80         |

#### Lifetime data

|                             |       |
|-----------------------------|-------|
| Lumen maintenance - L70 B50 | 72000 |
| Lumen maintenance - L70 B10 | 72000 |
| Lumen maintenance - L80 B50 | 72000 |
| Lumen maintenance - L80 B20 | 72000 |
| Lumen maintenance - L80 B10 | 72000 |
| Lumen maintenance - L90 B20 | 36000 |

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|                             |       |
|-----------------------------|-------|
| Lumen maintenance - L90 B10 | 33000 |
| Average life (Nominal) (h)  | 50000 |

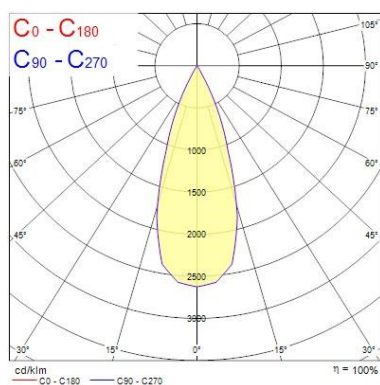
### Physical data

|                               |                     |
|-------------------------------|---------------------|
| Vertical Tilt (°)             | 90                  |
| Horizontal rotation (°)       | 355                 |
| Housing colour                | White               |
| IP rating                     | IP20                |
| IK rating                     | IK02                |
| Reflector finish              | Aluminium Reflector |
| 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                    | 5025768595594  |
| Packaging single length / height (cm) | 16.0           |
| Packaging single width (cm)           | 17.6           |
| Packaging single depth (cm)           | 18.2           |
| DUN14 (outer)                         | 05025768595594 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 16.0           |
| Packaging outer width (cm)            | 17.6           |
| Packaging outer depth (cm)            | 18.2           |

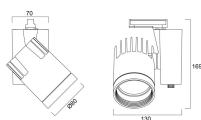
## PHOTOMETRY



| Distance [m] | Cone diameter [m] | Beam angle [°] | Illuminance [lx] |
|--------------|-------------------|----------------|------------------|
| 0.5          | 0.33              | 36.8°          | 14504            |
| 1.0          | 0.67              | 36.8°          | 3701             |
| 1.5          | 1.00              | 36.8°          | 1545             |
| 2.0          | 1.33              | 36.8°          | 925              |
| 2.5          | 1.66              | 36.8°          | 592              |
| 3.0          | 2.00              | 36.8°          | 411              |

Distance [m] Cone diameter [m] Illuminance [lx]  
C0 - C180 (Half beam angle: 36.8°)

## TECHNICAL DRAWINGS



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