

## Beacon LED Muse II

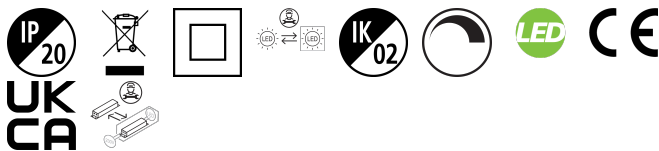
### BEACON LED MUSE II 97CRI 4000K L3 SSC01 BLACK

#### 2059756



#### Product features

- 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, SylSmart SSC, 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: Ø80x135x176mm, weight: 0.95kg.



#### PRODUCT OVERVIEW

|                             |                                               |
|-----------------------------|-----------------------------------------------|
| Product name                | BEACON LED MUSE II 97CRI 4000K L3 SSC01 BLACK |
| Technology                  | LED                                           |
| Housing                     | Aluminium                                     |
| Mount                       | Track mounting                                |
| General application         | Museums & Galleries                           |
| ETIM Class                  | EC001744                                      |
| E-number FI                 | 4274076                                       |
| Warranty                    | 5 years                                       |
| Fixture luminous flux (lm)  | 623/1150                                      |
| Luminaire efficacy (lm/W)   | 55                                            |
| LOR (%)                     | 100                                           |
| Colour temperature (K)      | 4000                                          |
| Light colour                | Neutral White                                 |
| CRI (Ra)                    | 97                                            |
| Colour Consistency (SDCM)   | 3                                             |
| Photobiological Risk Group  | RG1                                           |
| Total power consumption (W) | 21                                            |
| Product Voltage (V)         | 240                                           |
| Electrical protection       | Class II                                      |
| Dimmable                    | Yes                                           |
| Dimming method              | SylSmart SSC                                  |
| Housing colour              | Black                                         |
| IP rating                   | IP20                                          |
| IK rating                   | IK02                                          |
| Product EAN number          | 5025768597567                                 |

#### DATA TABLE

##### General data

|              |                                               |
|--------------|-----------------------------------------------|
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|--------------|-----------------------------------------------|

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|                                         |                     |
|-----------------------------------------|---------------------|
| Technology                              | LED                 |
| Housing                                 | Aluminium           |
| Mount                                   | Track mounting      |
| General application                     | Museums & Galleries |
| Performance ambient temperature Tq (°C) | 25                  |
| ETIM Class                              | EC001744            |
| E-number FI                             | 4274076             |
| Warranty                                | 5 years             |

### Optical data

|                            |               |
|----------------------------|---------------|
| Fixture luminous flux (lm) | 623/1150      |
| Luminaire efficacy (lm/W)  | 55            |
| LOR (%)                    | 100           |
| 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           |
| Mains voltage (V)                                        | 230-240V     |
| Product Voltage (V)                                      | 240          |
| Electrical protection                                    | Class II     |
| Dimmable                                                 | Yes          |
| Dimming method                                           | SylSmart SSC |
| Drive current (mA)                                       | 500          |
| Inrush Current (A)                                       | 5            |
| Inrush Duration (µs)                                     | 50           |
| Energy Efficiency Class (A->G) of contained light source | F            |
| Nominal Frequency (Hz)                                   | 50/60Hz      |
| Max. Luminaires per 10A C Breaker                        | 52           |
| Max. Luminaires per 16A C Breaker                        | 85           |

### 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)                   | 2.226 |

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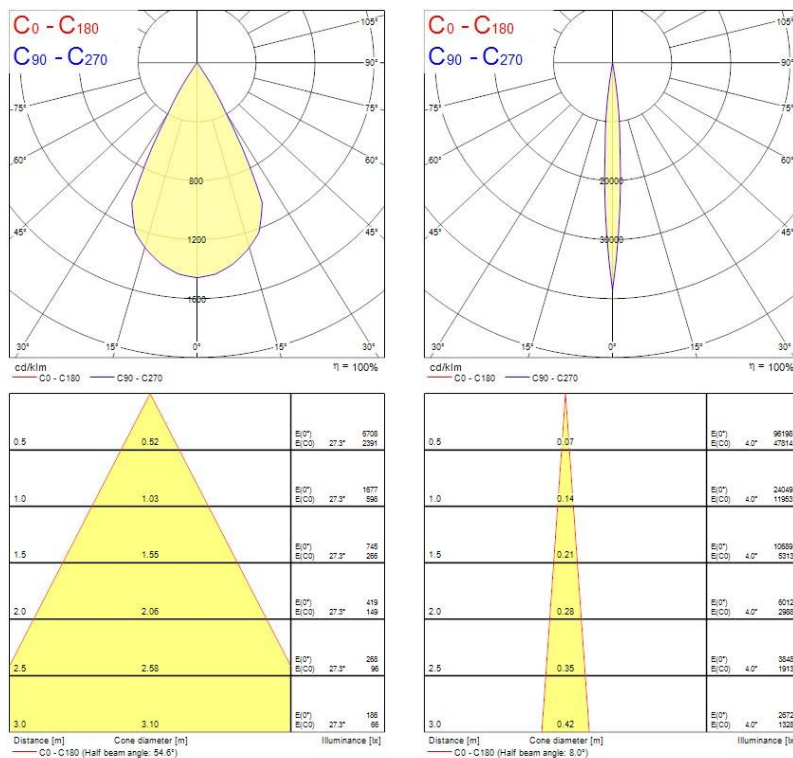
### Packaging

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5025768597567  |
| Packaging single length / height (cm) | 17.5           |
| Packaging single width (cm)           | 15.0           |
| Packaging single depth (cm)           | 17.5           |
| DUN14 (outer)                         | 05025768597567 |
| 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 |
|---------------------------|-----|

## PHOTOMETRY



## TECHNICAL DRAWINGS

## Beacon LED Muse II

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