

# BEACON LED MUSE II 97CRI 3000K L3+DALI BLACK

Item No: 2059746

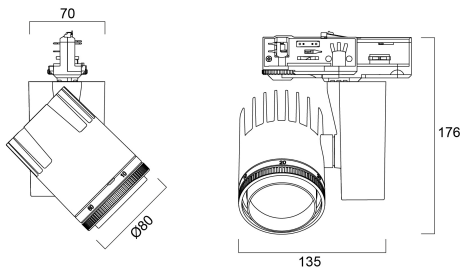
Concord



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: 3000K warm white, total system power: 21W, total fixture output: 1081lm, luminaire efficacy: 51lm/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

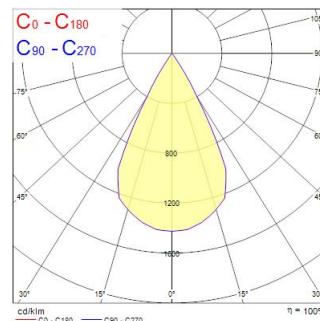
### Dimensions (mm)



### Photometrics

| Distance [m] | Cone diameter [m] | Beam diameter [m] | Beam angle [°] | Beam diameter [m] | Illuminance [lx] |
|--------------|-------------------|-------------------|----------------|-------------------|------------------|
| 0.5          | 0.07              | 0.07              | 8.0°           | 0.07              | 3333             |
| 1.0          | 0.14              | 0.14              | 8.0°           | 0.14              | 1667             |
| 1.5          | 0.21              | 0.21              | 8.0°           | 0.21              | 1111             |
| 2.0          | 0.28              | 0.28              | 8.0°           | 0.28              | 833              |
| 2.5          | 0.35              | 0.35              | 8.0°           | 0.35              | 667              |
| 3.0          | 0.42              | 0.42              | 8.0°           | 0.42              | 556              |

Distance [m] Cone diameter [m] Illuminance [lx]  
 — C0 - C180 (Half beam angle: 8.0°)



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## Concord

### General data

|   |  |
|---|--|
| Product name                            | BEACON LED MUSE II 97CRI 3000K 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)        | 553/1081   |
| Luminaire efficacy (lm/W)         | 52         |
| LOR (%)                           | 100        |
| Correlated colour temperature (k) | 3000       |
| Light colour                      | Warm White |
| CRI (Ra)                          | 97         |
| Colour Variation Initial (SDCM)   | SDCM3      |
| 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                | RAL 9005 - Jet 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                    | 5025768597468  |
| Packaging single length / height (cm) | 17.5           |
| Packaging single width (cm)           | 15.0           |
| Packaging single depth (cm)           | 17.5           |
| DUN14 (inner)                         | 05025768597468 |
| 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 |
|---------------------------|-----|