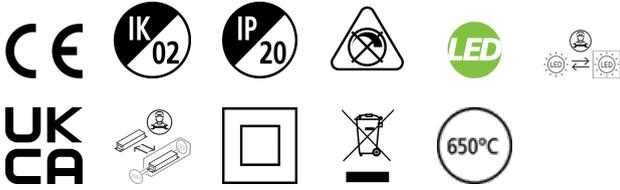


# BEACON XL 85CRI 4K MEDIUM BEAM L3 WHITE

Item No: 2059721

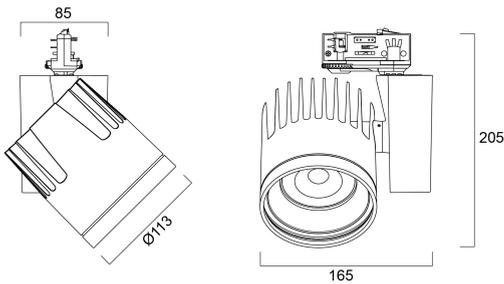
Concord



Integrated LED spotlight, white RAL 9016, compact and minimalist design, ideal for retail and display applications, die-cast aluminium body, passive cooling heatsink, beam angle: 34° medium beam, optics: Polycarbonate lens, colour temperature: 4000K neutral white, total system power: 33W, total fixture output: 3800lm, luminaire efficacy: 115lm/W, LOR: 100%, colour rendering: Ra 85 typical, LED Chromacity: 3 step MacAdam ellipse, IR/UV free light source without heat radiation, operating voltage: 220-240V / 50-60Hz, drive current: 800mA, electronic driver, non-dimmable, 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: Ø113x165x205mm, weight: 1.66kg.

## Technical Assets

### Dimensions (mm)

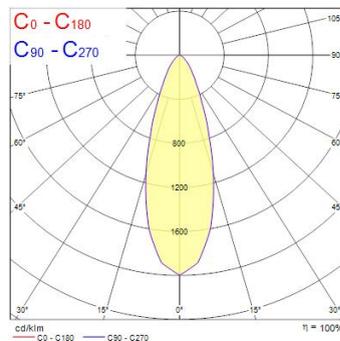


### Photometrics

| Distance [m] | Cone diameter [m] | E <sub>0</sub> <sup>1</sup><br>E <sub>100</sub> <sup>2</sup> | 3128<br>1370   |
|--------------|-------------------|--|----------------|
| 0.5          | 0.31              | E <sub>0</sub> <sup>1</sup><br>E <sub>100</sub> <sup>2</sup> | 17.1°<br>17.1° |
| 1.0          | 0.62              | E <sub>0</sub> <sup>1</sup><br>E <sub>100</sub> <sup>2</sup> | 7616<br>3435   |
| 1.5          | 0.92              | E <sub>0</sub> <sup>1</sup><br>E <sub>100</sub> <sup>2</sup> | 3474<br>1527   |
| 2.0          | 1.23              | E <sub>0</sub> <sup>1</sup><br>E <sub>100</sub> <sup>2</sup> | 1954<br>850    |
| 2.5          | 1.54              | E <sub>0</sub> <sup>1</sup><br>E <sub>100</sub> <sup>2</sup> | 1291<br>550    |
| 3.0          | 1.85              | E <sub>0</sub> <sup>1</sup><br>E <sub>100</sub> <sup>2</sup> | 880<br>382     |

Distance [m]      Cone diameter [m]      Illuminance [lx]

— C0 - C180 (Half beam angle: 34.2°)



# BEACON XL 85CRI 4K MEDIUM BEAM L3 WHITE

Item No: 2059721

Concord

## General data

|   |   |
|---|---|
| Product name                            | BEACON XL 85CRI 4K MEDIUM BEAM L3 WHITE |
| Technology                              | LED                                     |
| Cap/Base                                | N/A                                     |
| Housing                                 | Aluminium                               |
| Mount                                   | Track mounting                          |
| Environment                             | Internal                                |
| General application                     | Museums & Galleries, Retail             |
| Performance ambient temperature Tq (°C) | 25                                      |
| ETIM Class                              | EC001744                                |
| E-number FI                             | 4280881                                 |
| E-number SE                             | 7401262                                 |
| Warranty                                | 5 years                                 |

## Optical data

|                                       |               |
|---------------------------------------|---------------|
| Useful luminous flux ( $\Phi_{use}$ ) | 3800          |
| Fixture luminous flux (lm)            | 3800          |
| Luminaire efficacy (lm/W)             | 115           |
| LOR (%)                               | 100           |
| Correlated colour temperature (k)     | 4000          |
| Light colour                          | Neutral White |
| CRI (Ra)                              | 85            |
| Colour Consistency (SDCM)             | 3             |
| Adjustable chromaticity               | N             |
| Beam Angle (°)                        | 34            |
| Photobiological Risk Group            | RG1           |

## Electrical data

|  |                    |
|--|--------------------|
| Total power consumption (W)                              | 33                 |
| Primary Supply/Product voltage - min (V)                 | 220.0              |
| Primary Supply/Product voltage - max (V)                 | 240.0              |
| Lamp power factor  | 0.9                |
| Electrical protection                                    | Class II           |
| Control gear type  | Electronic ballast |
| Dimmable   | No                 |
| Dimming method   | N/A                |
| Drive current (mA)                                       | 800                |
| Inrush Current (A)                                       | 30                 |
| Inrush Duration ( $\mu$ s)                               | 200                |
| Energy Efficiency Class (A->G) of contained light source | D                  |
| Nominal Frequency (Hz)                                   | 50/60Hz            |
| Max. products per 10A C Breaker                          | 12                 |
| Max. products per 16A C Breaker                          | 20                 |
| Max. products per 10A B Breaker                          | 12                 |
| Max. products per 16A B Breaker                          | 20                 |

## Lifetime data

|                  |       |
|------------------|-------|
| Lifespan L70 B50 | 72000 |
| Lifespan L80 B20 | 72000 |
| Lifespan L90 B10 | 33000 |

## Physical data

|                             |       |
|-----------------------------|-------|
| Housing colour              | White |
| IP rating                   | IP20  |
| IK rating                   | IK02  |
| Nominal Product Length (mm) | 85    |
| Nominal Product Width (mm)  | 165   |
| Nominal Product Height (mm) | 205   |
| Weight (kg)                 | 1.365 |

# BEACON XL 85CRI 4K MEDIUM BEAM L3 WHITE

Item No: 2059721

Concord

## Packaging

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5025768597215  |
| Packaging single length / height (cm) | 25.0           |
| Packaging single width (cm)           | 19.5           |
| Packaging single depth (cm)           | 20.0           |
| DUN14 (inner)                         | 05025768597215 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 25.0           |
| Packaging outer width (cm)            | 19.5           |
| Packaging outer depth (cm)            | 20.0           |

## Safety data

|                     |     |
|---------------------|-----|
| Glow Wire Test (°C) | 650 |
|---------------------|-----|