

# Beacon XL CRI93 4000K WB L3 On-Board Dim White

Item No: 2059709

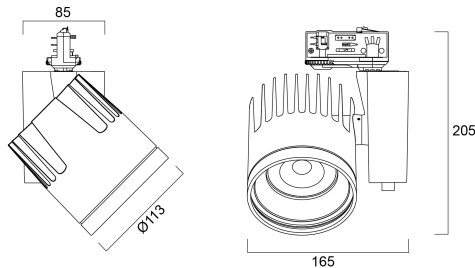
**Concord**



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: 50° wide beam, optics: Polycarbonate lens, colour temperature: 4000K neutral white, total system power: 33W, total fixture output: 2950lm, luminaire efficacy: 89lm/W, LOR: 100%, colour rendering: Ra 93 typical, LED Chromacity: 3 step MacAdam ellipse, IR/UV free light source without heat radiation, operating voltage: 220-240V / 50-60Hz, drive current: 850mA, electronic driver, dimmable via on-board potentiometer, power factor: 0.9 electrical protection: CLASS II, 3-circuit track Adaptor, compatible with OneTrack, Global Trac, and Concord Lytespan 3 track (for detailed information please check the compatibility list), protection rating: IP20, suitable for internal environment only, horizontal rotation: 355°, vertical tilt: 90°, dimensions: Ø113x165x205mm, weight: 1.66kg.

## Technical Assets

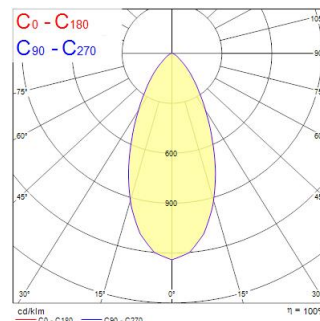
### Dimensions (mm)



### Photometrics

| Distance [m] | Cone diameter [m] | Beam diameter [m] | Illuminance [lx] |
|--------------|-------------------|-------------------|------------------|
| 0.5          | 0.44              | Ø171              | 15044            |
|              |                   | Ø120              | 23.7°            |
| 1.0          | 0.88              | Ø171              | 3761             |
|              |                   | Ø120              | 23.7°            |
| 1.5          | 1.32              | Ø171              | 1672             |
|              |                   | Ø120              | 23.7°            |
| 2.0          | 1.76              | Ø171              | 840              |
|              |                   | Ø120              | 23.7°            |
| 2.5          | 2.19              | Ø171              | 532              |
|              |                   | Ø120              | 23.7°            |
| 3.0          | 2.63              | Ø171              | 416              |
|              |                   | Ø120              | 23.7°            |

Distance [m] Cone diameter [m] Illuminance [lx]  
 — C0 - C180 (Half beam angle: 47.4°)



# Beacon XL CRI93 4000K WB L3 On-Board Dim White

Item No: 2059709

## Concord

### General data

|   |  |
|---|--|
| Product name                            | Beacon XL CRI93 4000K WB L3 On-Board Dim 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                             | 4280869  |
| Warranty                                | 5 years  |

### Optical data

|                                   |               |
|-----------------------------------|---------------|
| Fixture luminous flux (lm)        | 2950          |
| Luminaire efficacy (lm/W)         | 89            |
| LOR (%)                           | 100           |
| Correlated colour temperature (k) | 4000          |
| Light colour                      | Neutral White |
| CRI (Ra)                          | 93            |
| Colour Consistency (SDCM)         | 3             |
| Adjustable chromaticity           | N             |
| Beam Angle (°)                    | 50            |
| 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   | Yes                |
| Dimming method   | 1-10V (Analogue)   |
| Minimum dimming level (%)                                | 1                  |
| Drive current (mA)                                       | 850                |
| Inrush Current (A)                                       | 5                  |
| Inrush Duration (µs)                                     | 50                 |
| Energy Efficiency Class (A->G) of contained light source | E                  |
| Nominal Frequency (Hz)                                   | 50/60Hz            |
| Max. products per 10A C Breaker                          | 52                 |
| Max. products per 16A C Breaker                          | 85                 |
| Max. products per 20A C Breaker                          | 104                |
| Max. products per 10A B Breaker                          | 31                 |
| Max. products per 16A B Breaker                          | 50                 |

### 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   |

# Beacon XL CRI93 4000K WB L3 On-Board Dim White

Item No: 2059709

## Concord

### Packaging

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5025768597093  |
| Packaging single length / height (cm) | 25.0           |
| Packaging single width (cm)           | 19.5           |
| Packaging single depth (cm)           | 20.5           |
| DUN14 (inner)                         | 05025768597093 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 25.0           |
| Packaging outer width (cm)            | 19.5           |
| Packaging outer depth (cm)            | 20.5           |

### Safety data

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