

# Concord

## BEACON XL 93CRI 3K MEDIUM BEAM L3 ON-BOARD DIM WHITE 2059685



### Features

- 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: 34° medium beam, optics: Polycarbonate lens, colour temperature: 3000K warm white, total system power: 33W, total fixture output: 3060lm, luminaire efficacy: 93lm/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, 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.

### Product Overview

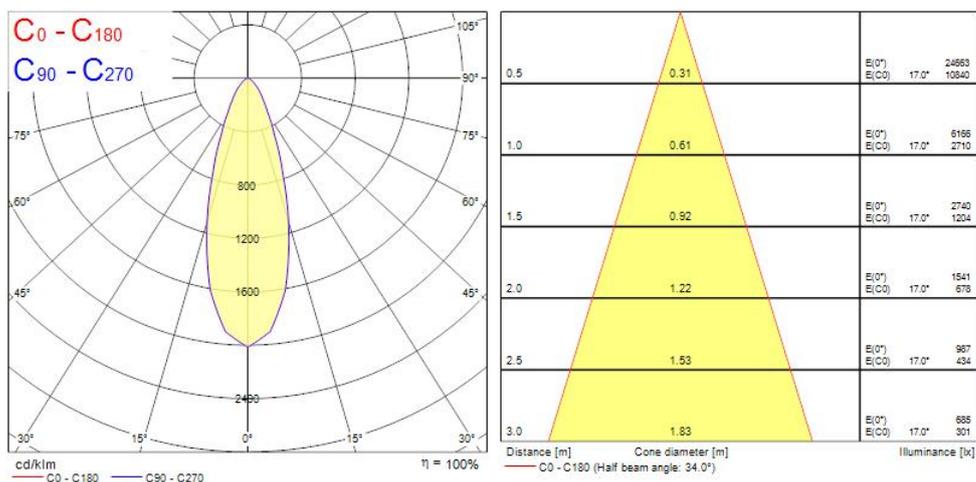
|                            |  |
|----------------------------|--|
| Product name               | BEACON XL 93CRI 3K MEDIUM BEAM L3 ON-BOARD DIM WHITE |
| Technology                 | LED  |
| Cap/Base                   | N/A  |
| Housing                    | Aluminium  |
| Mount                      | Track mounting                                       |
| Environment                | Internal   |
| E-number FI                | 4280845  |
| Fixture luminous flux (lm) | 3060   |
| Luminaire efficacy (lm/W)  | 93   |
| LOR (%)                    | 100  |
| Colour temperature (K)     | 3000   |
| Light colour               | Warm White   |
| CRI (Ra)                   | 93   |
| Colour Consistency (SDCM)  | 3  |

# Concord

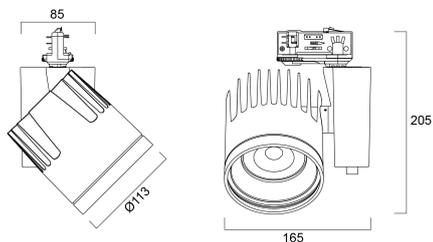
## BEACON XL 93CRI 3K MEDIUM BEAM L3 ON-BOARD DIM WHITE 2059685

|                             |                    |
|-----------------------------|--------------------|
| Photobiological Risk Group  | RG1                |
| Total power consumption (W) | 33                 |
| Electrical protection       | Class II           |
| Control gear type           | Electronic ballast |
| Housing colour              | White              |
| IP rating                   | IP20               |
| IK rating                   | IK02               |
| Product EAN number          | 5025768596850      |
| Warranty                    | 5 years            |

### Photometry



### Technical drawings



### Data table

# Concord

## BEACON XL 93CRI 3K MEDIUM BEAM L3 ON-BOARD DIM WHITE 2059685

### GENERAL DATA

|   |  |
|---|--|
| Product name                            | BEACON XL 93CRI 3K MEDIUM BEAM L3 ON-BOARD DIM WHITE |
| Technology                              | LED  |
| Cap/Base                                | N/A  |
| Housing                                 | Aluminium  |
| Mount                                   | Track mounting                                       |
| Environment                             | Internal   |
| Performance ambient temperature Tq (°C) | 25   |
| E-number FI                             | 4280845  |
| Warranty                                | 5 years  |

### OPTICAL DATA

|                            |            |
|----------------------------|------------|
| Fixture luminous flux (lm) | 3060       |
| Luminaire efficacy (lm/W)  | 93         |
| LOR (%)                    | 100        |
| Colour temperature (K)     | 3000       |
| Light colour               | Warm White |
| CRI (Ra)                   | 93         |
| Colour Consistency (SDCM)  | 3          |
| Adjustable chromaticity    | N          |
| Photobiological Risk Group | RG1        |

### ELECTRICAL DATA

|  |                    |
|--|--------------------|
| Total power consumption (W)              | 33                 |
| Primary Supply/Product voltage - min (V) | 220                |
| Lamp power factor                        | 0.9                |
| Electrical protection                    | Class II           |
| Control gear required                    | No                 |
| Control gear type                        | Electronic ballast |
| Drive current (mA)                       | 850                |
| Inrush Current (A)                       | 5                  |

# Concord

## BEACON XL 93CRI 3K MEDIUM BEAM L3 ON-BOARD DIM WHITE 2059685

|  |         |
|--|---------|
| Inrush Duration ( $\mu$ s)                               | 50      |
| Glow Wire Test ( $^{\circ}$ C)                           | 650     |
| Energy Efficiency Class (A->G) of contained light source | E       |
| Nominal Frequency (Hz)                                   | 50/60Hz |
| Max. products per 10A C Breaker                          | 52      |

### 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   |
| Weight (kg)                 | 1.365 |

### PACKAGING

|                                      |                |
|--------------------------------------|----------------|
| Single packaging type                | Carton         |
| Product EAN number                   | 5025768596850  |
| Packaging single width (cm)          | 19.5           |
| Packaging single depth (cm)          | 20.0           |
| DUN14 (outer)                        | 05025768596850 |
| Packaging outer length / height (cm) | 25.0           |

### SAFETY DATA

|                                     |    |
|-------------------------------------|----|
| Special purpose lamp                | No |
| Dry applications use only           | No |
| Suitable for household illumination | No |