

### Features

- Simple and slick integral design with no driver box and without any visible screws
- New technology utilization for improved performance
- Invisible in-track adaptor for an impressive architectural look
- Extremely precise light beams due to the high-quality lenses
- #80mm die-cast aluminium body, Fix beam angle: 36° , Textured black finishing colour
- Light color temperature: 2700K, candle light
- System power: 18W, Fixture lumen output: 1325lm, efficacy: 74lm/W, Ra97 typical, LED chromacity: 2 step MacAdam ellipse LED source (SDCM2), IR/UV free light source without heat radiation
- Operating voltage 220-240V / 50-60Hz, electronic driver, dimmable via SylSmart
- Standalone SSC Suitable for installation on 3-circuit tracks, please check compatibility list on the instruction sheet.
- Compatible with OneTrack
- Electrical protection: Class II. Degree of protection: IP20, suitable for indoor environment only
- Horizontal rotation: 355°, vertical tilt: 90°
- Nominal product dimensions: D.80mmx200mm
- 5 years warranty. Suitable for track mounting

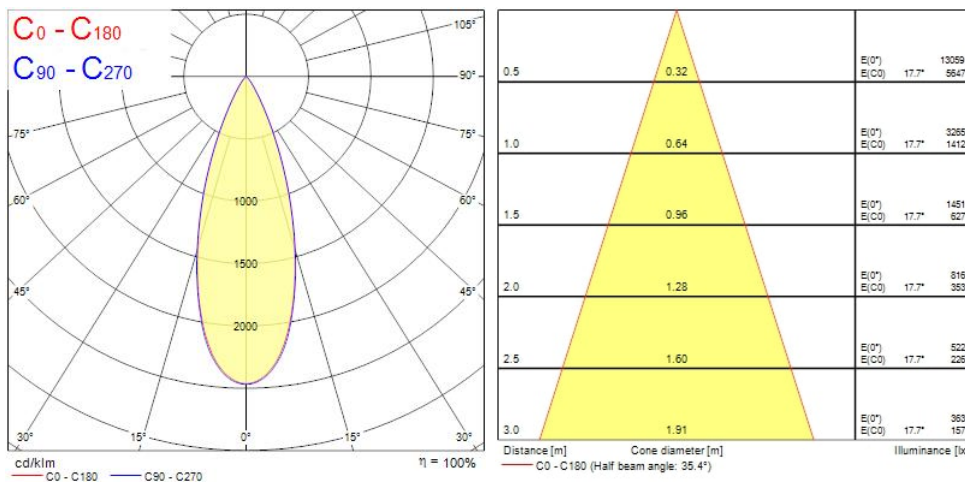
### Product Overview

|                            |                                          |
|----------------------------|------------------------------------------|
| Product name               | CONCORD BEACON 2700K MEDIUM SSC BLACK    |
| Technology                 | LED                                      |
| Cap/Base                   | N/A                                      |
| Housing                    | Aluminium                                |
| Mount                      | Track mounting                           |
| Fixture rating             | Enclosed                                 |
| General application        | Museums & Galleries, Retail, Hospitality |
| ETIM Class                 | EC001744                                 |
| Fixture luminous flux (lm) | 1325                                     |

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|                                   |                             |
|-----------------------------------|-----------------------------|
| Luminaire efficacy (lm/W)         | 74                          |
| LOR (%)                           | 100                         |
| Correlated colour temperature (k) | 2700                        |
| Light colour                      | Candlelight                 |
| CRI (Ra)                          | 97                          |
| Colour Variation Initial (SDCM)   | 2                           |
| Beam Angle (°)                    | 36                          |
| Photobiological Risk Group        | RG1                         |
| Total power consumption (W)       | 18                          |
| Electrical protection             | Class II                    |
| Control gear type                 | LED driver constant current |
| Dimmable                          | Yes                         |
| Minimum dimming level (%)         | 1                           |
| Housing colour                    | RAL9005                     |
| IP rating                         | IP20                        |
| IK rating                         | IK02                        |
| Product EAN number                | 5025768624997               |
| Warranty                          | 5 years                     |
| Dimming method                    | SylSmart SSC                |

## Photometry

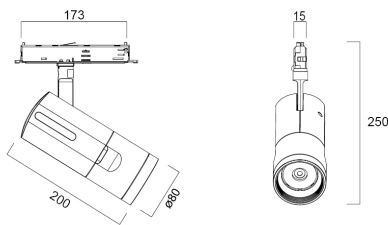


# Concord

## CONCORD BEACON 2700K MEDIUM SSC BLACK

### 2062499

### Technical drawings



### Data table

#### GENERAL DATA

|                                  |                                          |
|----------------------------------|------------------------------------------|
| Product name                     | CONCORD BEACON 2700K MEDIUM SSC BLACK    |
| Technology                       | LED                                      |
| Cap/Base                         | N/A                                      |
| Housing                          | Aluminium                                |
| Mount                            | Track mounting                           |
| Fixture rating                   | Enclosed                                 |
| General application              | Museums & Galleries, Retail, Hospitality |
| Operating temperature range (°C) | -10°C...+35°C                            |
| ETIM Class                       | EC001744                                 |
| Warranty                         | 5 years                                  |

#### OPTICAL DATA

|                                   |             |
|-----------------------------------|-------------|
| Fixture luminous flux (lm)        | 1325        |
| Luminaire efficacy (lm/W)         | 74          |
| LOR (%)                           | 100         |
| Correlated colour temperature (k) | 2700        |
| Light colour                      | Candlelight |
| CRI (Ra)                          | 97          |
| Colour Variation Initial (SDCM)   | 2           |
| Luminous Intensity (cd)           | 1325        |
| Beam Angle (°)                    | 36          |

## CONCORD BEACON 2700K MEDIUM SSC BLACK 2062499

|                            |           |
|----------------------------|-----------|
| Distribution type          | Symmetric |
| Photobiological Risk Group | RG1       |

### ELECTRICAL DATA

|                                                                       |                             |
|-----------------------------------------------------------------------|-----------------------------|
| Total power consumption (W)                                           | 18                          |
| Current (A)                                                           | 0.082                       |
| Primary Supply/Product voltage - min (V)                              | 220.0                       |
| Primary Supply/Product voltage - max (V)                              | 240.0                       |
| Lamp power factor                                                     | 0.9                         |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ xx.x % | 8.2                         |
| Electrical protection                                                 | Class II                    |
| Control gear required                                                 | No                          |
| Control gear type                                                     | LED driver constant current |
| Dimmable                                                              | Yes                         |
| Dimming method                                                        | SylSmart SSC                |
| Minimum dimming level (%)                                             | 1                           |
| Drive current (mA)                                                    | 500                         |
| Inrush Current (A)                                                    | 20                          |
| Inrush Duration ( $\mu$ s)                                            | 25                          |
| 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 13A C Breaker                                       | 104                         |
| Max. products per 16A C Breaker                                       | 136                         |
| Max. products per 20A C Breaker                                       | 166                         |
| Max. products per 10A B Breaker                                       | 50                          |
| Max. products per 13A B Breaker                                       | 62                          |
| Max. products per 16A B Breaker                                       | 80                          |
| Max. products per 20A B Breaker                                       | 100                         |

### LIFETIME DATA

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
|------------------|--------|

## CONCORD BEACON 2700K MEDIUM SSC BLACK 2062499

|                  |        |
|------------------|--------|
| Lifespan L80 B50 | 100000 |
| Lifespan L90 B50 | 56000  |

### PHYSICAL DATA

|                               |                |
|-------------------------------|----------------|
| Housing colour                | RAL9005        |
| IP rating                     | IP20           |
| IK rating                     | IK02           |
| Diffuser finish               | Other          |
| Diffuser material             | PMMA Acrylic   |
| Reflector finish              | Not Applicable |
| Nominal Product Length (mm)   | 200            |
| Nominal Product Width (mm)    | 80             |
| Nominal Product Height (mm)   | 250            |
| Nominal Product Diameter (mm) | 80             |
| Weight (kg)                   | 0.94           |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5025768624997  |
| Packaging single length / height (cm) | 30.5           |
| Packaging single width (cm)           | 13.5           |
| Packaging single depth (cm)           | 20.5           |
| DUN14 (inner)                         | 05025768624997 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 30.5           |
| Packaging outer width (cm)            | 13.5           |
| Packaging outer depth (cm)            | 20.5           |

### SAFETY DATA

|                                     |        |
|-------------------------------------|--------|
| Glow Wire Test (°C)                 | 650    |
| Optimal operating condition (°C)    | -10-35 |
| Special purpose lamp                | No     |
| Dry applications use only           | Yes    |
| Suitable for household illumination | No     |

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