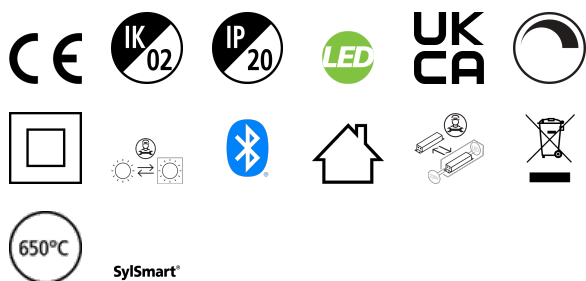


# Concord Beacon Muse 2700k SSC Black

Item No: 2062574

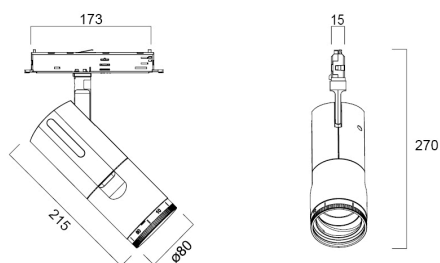
Concord



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 lens  $\varnothing 80\text{mm}$  die-cast aluminium body, Adjustable beam angle: between  $8^\circ - 55^\circ$ , Textured black finishing colour Light color temperature: 2700K, candle light System power: 18W, Fixture lumen output: 940lm, efficacy: 52lm/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, SylSmart 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:  $355^\circ$ , vertical tilt:  $90^\circ$  Nominal product dimensions: D.80mmx215mm 5 years warranty. Suitable for track mounting

## Technical Assets

### Dimensions (mm)



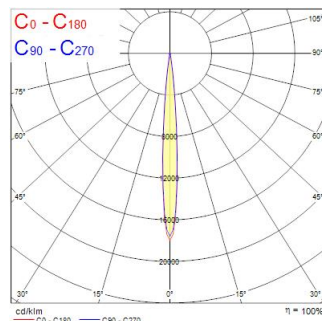
### Photometrics

| Distance [m] | Cone diameter [m] | Beam diameter [m] | Beam angle [°] | Beam angle [°] | Beam angle [°] |
|--------------|-------------------|-------------------|----------------|----------------|----------------|
| 0.5          | 0.15              | 0.05              | 8.0°           | 8.0°           | 8.0°           |
| 1.0          | 0.15              | 0.15              | 8.0°           | 8.0°           | 8.0°           |
| 1.5          | 0.23              | 0.23              | 8.0°           | 8.0°           | 8.0°           |
| 2.0          | 0.31              | 0.31              | 8.0°           | 8.0°           | 8.0°           |
| 2.5          | 0.38              | 0.38              | 8.0°           | 8.0°           | 8.0°           |
| 3.0          | 0.46              | 0.46              | 8.0°           | 8.0°           | 8.0°           |

Distance [m] Cone diameter [m] Beam diameter [m] Beam angle [°] Beam angle [°] Beam angle [°]

— C0 - C180 (Half beam angle: 8.0°)

— C90 - C270 (Half beam angle: 8.0°)



# Concord Beacon Muse 2700k SSC Black

Item No: 2062574

Concord

## General data

|                                  |                                          |
|----------------------------------|------------------------------------------|
| Product name                     | Concord Beacon Muse 2700k SSC Black      |
| Technology                       | LED                                      |
| Cap/Base                         | N/A                                      |
| Housing                          | Aluminium                                |
| Mount                            | Track mounting                           |
| Built in presence detector       | NONE                                     |
| Fixture rating                   | Enclosed                                 |
| General application              | Museums & Galleries, Retail, Hospitality |
| Operating temperature range (°C) | -10°C...+35°C                            |
| Virtual assistant compatibility  | N/A                                      |
| ETIM Class                       | EC001744                                 |
| E-number FI                      | 4170394                                  |
| Warranty                         | 5 years                                  |

## Optical data

|                                   |             |
|-----------------------------------|-------------|
| Fixture luminous flux (lm)        | 940         |
| Luminaire efficacy (lm/W)         | 52          |
| LOR (%)                           | 100         |
| Correlated colour temperature (k) | 2700        |
| Light colour                      | Candlelight |
| CRI (Ra)                          | 97          |
| Colour Variation Initial (SDCM)   | SDCM2       |
| Luminous Intensity (cd)           | 940         |
| Distribution type                 | Symmetric   |
| Photobiological Risk Group        | RG1         |

## Electrical data

|                                                                  |                             |
|------------------------------------------------------------------|-----------------------------|
| Emergency type                                                   |                             |
| Total power consumption (W)                                      | 18                          |
| Supply 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) ≤ xx.x % | 8.2                         |
| Electrical protection                                            | Class II                    |
| Control gear type                                                | LED driver constant current |
| Dimmable                                                         | Yes                         |
| Dimming method                                                   | SylSmart Standalone (SSC)   |
| Minimum dimming level (%)                                        | 1                           |
| Drive current (mA)                                               | 500                         |
| Inrush Current (A)                                               | 20                          |
| Inrush Duration (µs)                                             | 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 |
| Lifespan L80 B50 | 100000 |
| Lifespan L90 B50 | 49000  |

# Concord Beacon Muse 2700k SSC Black

Item No: 2062574

Concord

## Physical data

|                             |                      |
|-----------------------------|----------------------|
| Housing colour              | RAL 9005 - Jet black |
| IP rating                   | IP20                 |
| IK rating                   | IK02                 |
| Diffuser finish             | Frosted              |
| Diffuser material           | Other                |
| Reflector finish            | Matt                 |
| Nominal Product Length (mm) | 215                  |
| Nominal Product Width (mm)  | 80                   |
| Nominal Product Height (mm) | 270                  |
| Weight (kg)                 | 0.94                 |

## Packaging

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5025768625741  |
| Packaging single length / height (cm) | 30.5           |
| Packaging single width (cm)           | 13.5           |
| Packaging single depth (cm)           | 20.5           |
| DUN14 (inner)                         | 05025768625741 |
| 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 |
| Dry applications use only        | Yes    |