

Concord Beacon Muse Tune SM SSC Black

Item No: 2062914

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
 80mm die-cast aluminium body, Adjustable beam angle: between 10° - 50° , Textured black finishing colour
 Light color temperature: 2700 - 6500K, tunable white
 System power: 21W, Fixture lumen output: 235-760lm, efficacy: 36lm/W, Ra98 typical, LED chromacity: 2 step MacAdam ellipse LED source (SDCM2), IR/UV free light source without heat radiation
 Operating voltage 220-240V / 50-60Hz, SySmart Standalone SSC
 Surface mounting with surface mounting base. Electrical protection: Class II. Degree of protection: IP20, suitable for indoor environment only
 Horizontal rotation: 355°, vertical tilt: 90°
 Nominal product dimensions: D.80mmx215mm
 5 years warranty. Suitable for ceiling surface mounting, and wall surface mounting

Technical Assets

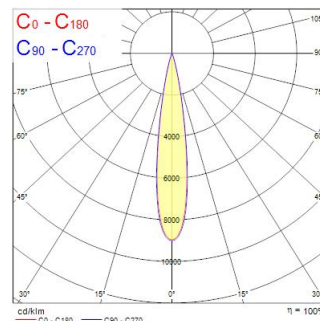
Dimensions (mm)



Photometrics

| Distance [m] | Cone diameter [m] | Beam diameter [m] | Beam diameter [m] | Illuminance [lx] |
|--------------|-------------------|-------------------|-------------------|------------------|
| 0.5 | 0.15 | 0.15 | 0.15 | 19491 |
| | | 0.15 | 0.15 | 8000 |
| | | 0.15 | 0.15 | 8000 |
| 1.0 | 0.31 | 0.31 | 0.31 | 4133 |
| | | 0.31 | 0.31 | 2000 |
| | | 0.31 | 0.31 | 2000 |
| 1.5 | 0.46 | 0.46 | 0.46 | 1832 |
| | | 0.46 | 0.46 | 900 |
| | | 0.46 | 0.46 | 900 |
| 2.0 | 0.62 | 0.62 | 0.62 | 1031 |
| | | 0.62 | 0.62 | 450 |
| | | 0.62 | 0.62 | 450 |
| 2.5 | 0.77 | 0.77 | 0.77 | 660 |
| | | 0.77 | 0.77 | 321 |
| | | 0.77 | 0.77 | 321 |
| 3.0 | 0.93 | 0.93 | 0.93 | 408 |
| | | 0.93 | 0.93 | 220 |
| | | 0.93 | 0.93 | 220 |

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 17.0°)
 — C90 - C270 (Half beam angle: 17.0°)



Concord Beacon Muse Tune SM SSC Black

Item No: 2062914

Concord

General data

| | |
|----------------------------------|--|
| Product name | Concord Beacon Muse Tune SM SSC Black |
| Technology | LED |
| Cap/Base | N/A |
| Housing | Aluminium |
| Mount | Ceiling surface mounting, Wall surface mounted |
| Built in presence detector | NONE |
| Fixture rating | Enclosed |
| General application | Hospitality, Museums & Galleries, Retail |
| Operating temperature range (°C) | -10°C...+30°C |
| Virtual assistant compatibility | N/A |
| ETIM Class | EC001744 |
| Warranty | 5 years |

Optical data

| | |
|---------------------------------|----------------|
| Fixture luminous flux (lm) | 235-760 |
| Luminaire efficacy (lm/W) | 36 |
| LOR (%) | 100 |
| Light colour | Tuneable White |
| CRI (Ra) | 98 |
| Colour Variation Initial (SDCM) | SDCM2 |
| Luminous Intensity (cd) | 760 |
| Distribution type | Symmetric |
| Photobiological Risk Group | RG1 |

Electrical data

| | |
|--|-----------------------------|
| Emergency type | |
| Total power consumption (W) | 21 |
| Supply current (A) | 0.091 |
| 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 % | 5.3 |
| 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) | 4.5 |
| Inrush Duration (µs) | 38 |
| Energy Efficiency Class (A->G) of contained light source | F |
| Nominal Frequency (Hz) | 50/60Hz |
| Max. products per 10A C Breaker | 73 |
| Max. products per 13A C Breaker | 152 |
| Max. products per 16A C Breaker | 198 |
| Max. products per 20A C Breaker | 243 |
| Max. products per 10A B Breaker | 73 |
| Max. products per 13A B Breaker | 91 |
| Max. products per 16A B Breaker | 117 |
| Max. products per 20A B Breaker | 146 |

Lifetime data

| | |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L80 B50 | 100000 |
| Lifespan L90 B50 | 56650 |

Concord Beacon Muse Tune SM SSC Black

Item No: 2062914

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) | 1.02 |

Packaging

| | |
|---------------------------------------|----------------|
| Product EAN number | 5025768629145 |
| Packaging single length / height (cm) | 30.5 |
| Packaging single width (cm) | 13.5 |
| Packaging single depth (cm) | 20.5 |
| DUN14 (inner) | 05025768629145 |
| Units per inner package | 1 |
| Packaging inner length / height (cm) | 46.3 |
| Packaging inner width (cm) | 56.5 |
| Packaging inner depth (cm) | 0.7 |
| 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) | -10-30 |
| Dry applications use only | Yes |