

Concord

CONCORD BEACON 3000K MEDIUM O/B DIM WHITE 2062455



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 white finishing colour

Light color temperature: 3000K, warm light

System power: 18W, Fixture lumen output: 1625lm, efficacy: 90lm/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, dimmable via on-board potentiometer, 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

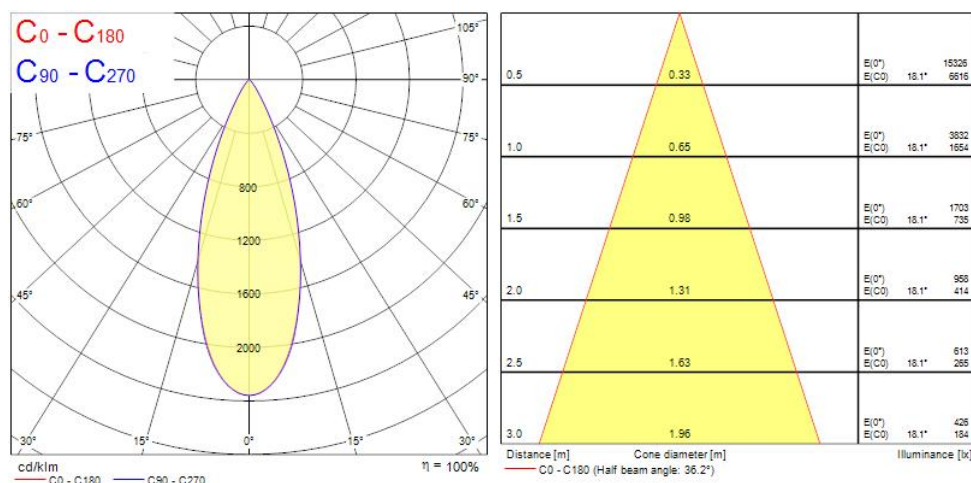
| | |
|----------------------------|---|
| Product name | CONCORD BEACON 3000K MEDIUM O/B DIM WHITE |
| Technology | LED |
| Cap/Base | N/A |
| Housing | Aluminium |
| Mount | Track mounting |
| Fixture rating | Enclosed |
| General application | Museums & Galleries, Retail, Hospitality |
| ETIM Class | EC001744 |
| Fixture luminous flux (lm) | 1625 |

Concord

CONCORD BEACON 3000K MEDIUM O/B DIM WHITE 2062455

| | |
|-----------------------------------|----------------------------------|
| Luminaire efficacy (lm/W) | 90 |
| LOR (%) | 100 |
| Correlated colour temperature (k) | 3000 |
| Light colour | Warm White |
| 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 | RAL 9016 - Traffic white / Bezel |
| IP rating | IP20 |
| IK rating | IK02 |
| Product EAN number | 5025768624553 |
| Warranty | 5 years |
| Dimming method | Onboard pot |
| Useful luminous flux (#use) | 1600 |

Photometry



Concord

CONCORD BEACON 3000K MEDIUM O/B DIM WHITE 2062455

Technical drawings

Data table

GENERAL DATA

| | |
|----------------------------------|---|
| Product name | CONCORD BEACON 3000K MEDIUM O/B DIM WHITE |
| 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

| | |
|-----------------------------------|------------|
| Useful luminous flux (#use) | 1600 |
| Fixture luminous flux (lm) | 1625 |
| Luminaire efficacy (lm/W) | 90 |
| LOR (%) | 100 |
| Correlated colour temperature (k) | 3000 |
| Light colour | Warm White |
| CRI (Ra) | 97 |
| Colour Variation Initial (SDCM) | 2 |
| Luminous Intensity (cd) | 1625 |
| Beam Angle (°) | 36 |
| Distribution type | Symmetric |
| Photobiological Risk Group | RG1 |

Concord

CONCORD BEACON 3000K MEDIUM O/B DIM WHITE 2062455

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 % | 7.9 |
| Electrical protection | Class II |
| Control gear required | No |
| Control gear type | LED driver constant current |
| Dimmable | Yes |
| Dimming method | Onboard pot |
| Minimum dimming level (%) | 1 |
| Drive current (mA) | 500 |
| Inrush Current (A) | 5 |
| Inrush Duration (μ s) | 50 |
| Glow Wire Test ($^{\circ}$ C) | 650 |
| Energy Efficiency Class (A->G) of contained light source | F |
| Nominal Frequency (Hz) | 50/60Hz |
| Max. products per 10A C Breaker | 31 |
| Max. products per 13A C Breaker | 65 |
| Max. products per 16A C Breaker | 85 |
| Max. products per 20A C Breaker | 104 |
| Max. products per 10A B Breaker | 31 |
| Max. products per 13A B Breaker | 39 |
| Max. products per 16A B Breaker | 50 |
| Max. products per 20A B Breaker | 62 |

LIFETIME DATA

| | |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L80 B50 | 100000 |
| Lifespan L90 B50 | 56000 |

Concord

CONCORD BEACON 3000K MEDIUM O/B DIM WHITE 2062455

PHYSICAL DATA

| | |
|-------------------------------|----------------------------------|
| Housing colour | RAL 9016 - Traffic white / Bezel |
| IP rating | IP20 |
| IK rating | IK02 |
| Diffuser finish | Other |
| Diffuser material | PMMA Acrylic |
| Reflector finish | None |
| 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 | 5025768624553 |
| Packaging single length / height (cm) | 30.5 |
| Packaging single width (cm) | 13.5 |
| Packaging single depth (cm) | 20.5 |
| DUN14 (inner) | 05025768624553 |
| 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

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