



### Features

- Simple and slick integral design with no driver box and without any visible screws

New technology utilization for improved performance  
Extremely precise light beams due to the high-quality lenses #80mm die-cast aluminium body, Fix beam angle: 19° , Textured white finishing colour Light color temperature: 3000K, warm light System power: 18W, Fixture lumen output: 1850lm, efficacy: 103lm/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, 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.80mmx200mm 5 years warranty. Suitable for ceiling surface mounting, and wall surface mounting

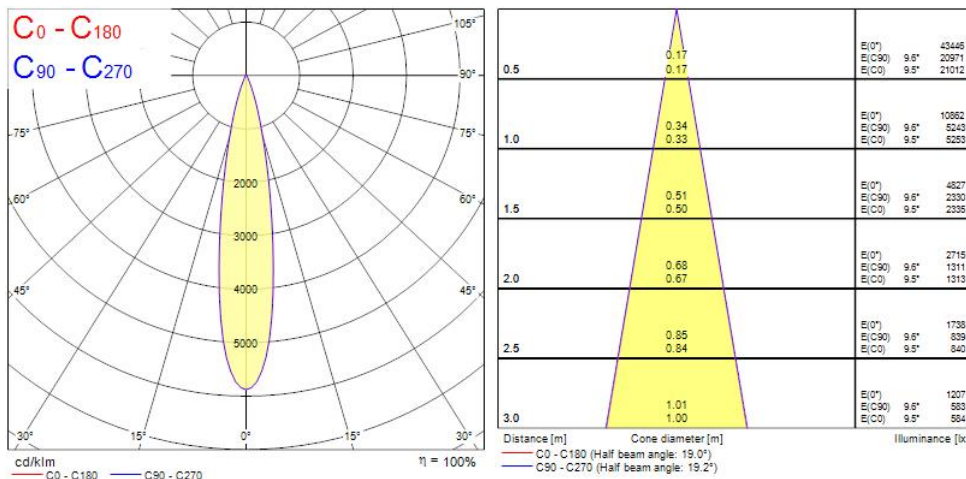
### Product Overview

|                            |                                                |
|----------------------------|------------------------------------------------|
| Product name               | CONCORD BEACON 3000K SM NARROW O/B DIM WHITE   |
| Technology                 | LED                                            |
| Cap/Base                   | N/A                                            |
| Housing                    | Aluminium                                      |
| Mount                      | Ceiling surface mounting, Wall surface mounted |
| Fixture rating             | Enclosed                                       |
| General application        | Museums & Galleries, Retail, Hospitality       |
| ETIM Class                 | EC001744                                       |
| Fixture luminous flux (lm) | 1850                                           |
| Luminaire efficacy (lm/W)  | 103                                            |
| LOR (%)                    | 100                                            |

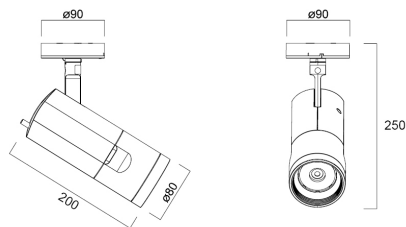
## CONCORD BEACON 3000K SM NARROW O/B DIM WHITE 2062470

|                                   |                             |
|-----------------------------------|-----------------------------|
| Correlated colour temperature (k) | 3000                        |
| Light colour                      | Warm White                  |
| CRI (Ra)                          | 97                          |
| Colour Variation Initial (SDCM)   | 2                           |
| Beam Angle (°)                    | 19                          |
| 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                    | RAL9016                     |
| IP rating                         | IP20                        |
| IK rating                         | IK02                        |
| Product EAN number                | 5025768624706               |
| Warranty                          | 5 years                     |
| Dimming method                    | Onboard pot                 |

### Photometry



### Technical drawings



### Data table

#### GENERAL DATA

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| Product name                     | CONCORD BEACON 3000K SM NARROW O/B DIM WHITE   |
| Technology                       | LED                                            |
| Cap/Base                         | N/A                                            |
| Housing                          | Aluminium                                      |
| Mount                            | Ceiling surface mounting, Wall surface mounted |
| 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)        | 1850       |
| Luminaire efficacy (lm/W)         | 103        |
| LOR (%)                           | 100        |
| Correlated colour temperature (k) | 3000       |
| Light colour                      | Warm White |
| CRI (Ra)                          | 97         |
| Colour Variation Initial (SDCM)   | 2          |
| Luminous Intensity (cd)           | 1850       |

## CONCORD BEACON 3000K SM NARROW O/B DIM WHITE 2062470

|                            |           |
|----------------------------|-----------|
| Beam Angle (°)             | 19        |
| 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 % | 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 ( $\mu$ s)                                            | 50                          |
| 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

## CONCORD BEACON 3000K SM NARROW O/B DIM WHITE 2062470

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

### PHYSICAL DATA

|                             |                |
|-----------------------------|----------------|
| Housing colour              | RAL9016        |
| 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            |
| Weight (kg)                 | 1.02           |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5025768624706  |
| Packaging single length / height (cm) | 30.5           |
| Packaging single width (cm)           | 13.5           |
| Packaging single depth (cm)           | 20.5           |
| DUN14 (inner)                         | 05025768624706 |
| 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     |

# Concord

CONCORD BEACON 3000K SM NARROW O/B DIM WHITE  
**2062470**

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