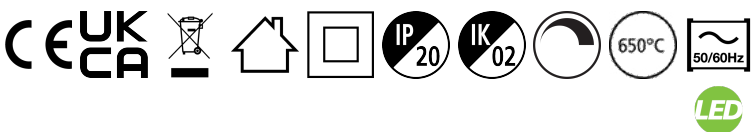


# Concord

## CONCORD BEACON MUSE 3000K SM O/B DIM WHITE

2062566



### 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 lens #80mm die-cast aluminium body, Adjustable beam angle: between 8° - 55° , Textured white finishing colour  
Light color temperature: 3000K, warm light  
System power: 18W, Fixture lumen output: 980lm, efficacy: 55lm/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.80mmx215mm  
5 years warranty. Suitable for ceiling surface mounting, and wall surface mounting

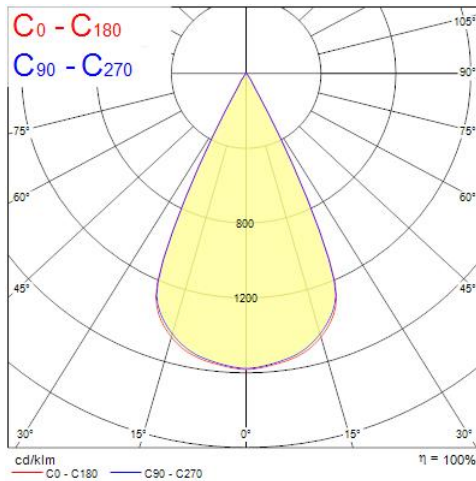
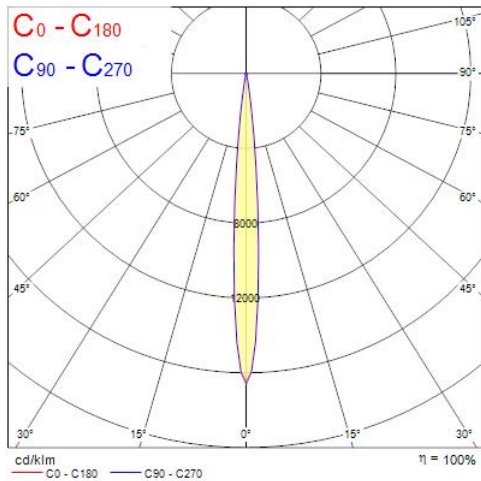
### Product Overview

|                            |                                                |
|----------------------------|------------------------------------------------|
| Product name               | CONCORD BEACON MUSE 3000K SM 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) | 980                                            |
| Luminaire efficacy (lm/W)  | 55                                             |
| LOR (%)                    | 100                                            |

## CONCORD BEACON MUSE 3000K SM O/B DIM WHITE 2062566

|                                   |                             |
|-----------------------------------|-----------------------------|
| Correlated colour temperature (k) | 3000                        |
| Light colour                      | Warm White                  |
| CRI (Ra)                          | 97                          |
| Colour Variation Initial (SDCM)   | 2                           |
| 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                | 5025768625666               |
| Warranty                          | 5 years                     |
| Dimming method                    | Onboard pot                 |

### Photometry

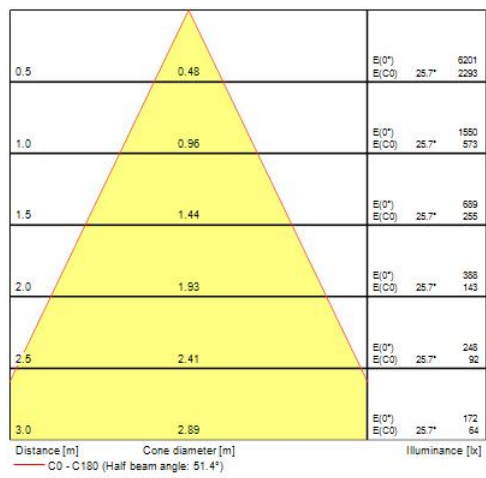


| Distance [m] | Cone diameter [m] | E(0°) | E(C90) | E(C0) | Illuminance [lx] |
|--------------|-------------------|-------|--------|-------|------------------|
| 0.5          | 0.08<br>0.08      | 33595 | 4.4°   | 17229 | 16322            |
| 1.0          | 0.15<br>0.16      | 8399  | 4.4°   | 4307  | 4205             |
| 1.5          | 0.23<br>0.24      | 3733  | 4.4°   | 1914  | 1889             |
| 2.0          | 0.31<br>0.31      | 2100  | 4.4°   | 1077  | 1051             |
| 2.5          | 0.38<br>0.39      | 1344  | 4.4°   | 689   | 673              |
| 3.0          | 0.46<br>0.47      | 933   | 4.4°   | 479   | 467              |

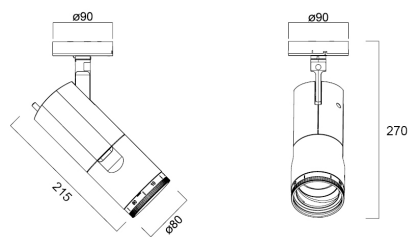
# Concord

## CONCORD BEACON MUSE 3000K SM O/B DIM WHITE

2062566



### Technical drawings



### Data table

#### GENERAL DATA

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| Product name                     | CONCORD BEACON MUSE 3000K SM 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                                       |

## CONCORD BEACON MUSE 3000K SM O/B DIM WHITE 2062566

|          |         |
|----------|---------|
| Warranty | 5 years |
|----------|---------|

### OPTICAL DATA

|                                   |            |
|-----------------------------------|------------|
| Fixture luminous flux (lm)        | 980        |
| Luminaire efficacy (lm/W)         | 55         |
| LOR (%)                           | 100        |
| Correlated colour temperature (k) | 3000       |
| Light colour                      | Warm White |
| CRI (Ra)                          | 97         |
| Colour Variation Initial (SDCM)   | 2          |
| Luminous Intensity (cd)           | 980        |
| 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) ≤ 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 (µs)                                             | 50                          |
| Energy Efficiency Class (A->G) of contained light source         | F                           |
| Nominal Frequency (Hz)                                           | 50/60Hz                     |

## CONCORD BEACON MUSE 3000K SM O/B DIM WHITE 2062566

|                                 |     |
|---------------------------------|-----|
| 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 | 49000  |

### PHYSICAL DATA

|                               |         |
|-------------------------------|---------|
| Housing colour                | RAL9016 |
| 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     |
| Nominal Product Diameter (mm) | 80      |
| Weight (kg)                   | 1.02    |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5025768625666  |
| Packaging single length / height (cm) | 30.5           |
| Packaging single width (cm)           | 13.5           |
| Packaging single depth (cm)           | 20.5           |
| DUN14 (inner)                         | 05025768625666 |
| Units per outer package               | 1              |

## CONCORD BEACON MUSE 3000K SM O/B DIM WHITE 2062566

|                                      |      |
|--------------------------------------|------|
| 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     |