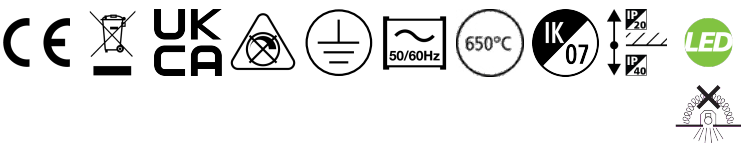


# Concord

## COLOSSAL 600mm 830 OPAL DIR WHITE

2071161



### Features

- 600mm diameter circular architectural luminaire, can be surface mounted or suspended. Powder coated aluminium housing (RAL9016) with polycarbonate opal diffuser. Direct light distribution, 5075lm luminous flux, 40.6W system power, 125lm/W luminaire efficacy. Constant current driver. Colour rendering index Ra >80, 3000K Warm White LED, chromaticity tolerance of 3-step MacAdam ellipse. IP40, IK03. 450mA drive current. Electrical protection Class1, 220-240V. Reported lifetime 66k hours L90B10.

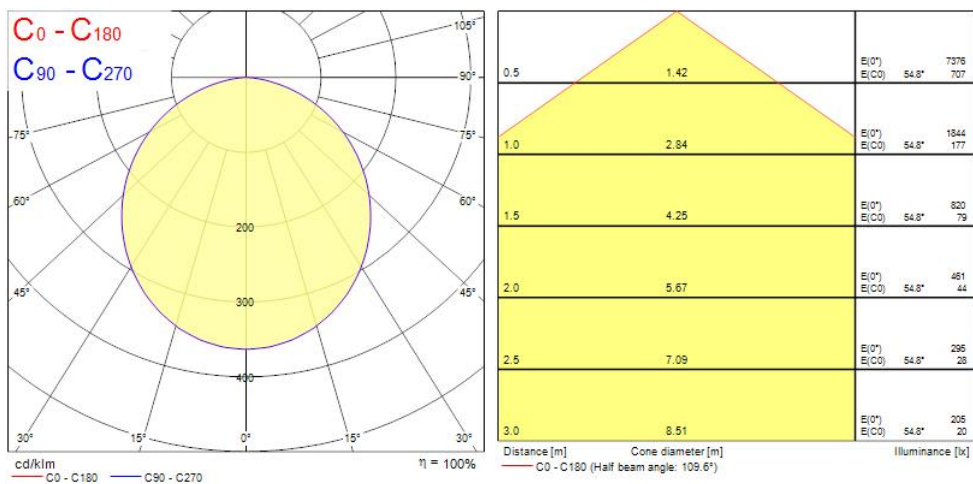
### Product Overview

|                                   |                                     |
|-----------------------------------|-------------------------------------|
| Product name                      | COLOSSAL 600mm 830 OPAL DIR WHITE   |
| Technology                        | LED (3 SDCM)                        |
| Cap/Base                          | N/A                                 |
| Housing                           | Aluminium                           |
| Mount                             | Ceiling surface mounting, Suspended |
| General application               | Hospitality, Office                 |
| ETIM Class                        | EC002892                            |
| Fixture luminous flux (lm)        | 5075                                |
| Luminaire efficacy (lm/W)         | 125                                 |
| Correlated colour temperature (k) | 3000                                |
| Light colour                      | Warm White                          |
| CRI (Ra)                          | 80                                  |
| Colour Variation Initial (SDCM)   | 3                                   |
| Glare control                     | < 22                                |
| Photobiological Risk Group        | RG0                                 |
| Total power consumption (W)       | 40.6                                |
| Electrical protection             | Class I                             |
| Control gear type                 | LED driver constant current         |
| Dimmable                          | No                                  |

## COLOSSAL 600mm 830 OPAL DIR WHITE 2071161

|                     |                        |
|---------------------|------------------------|
| LED Flickering Rate | Ultra low (5% or less) |
| Housing colour      | RAL9016                |
| IP rating           | IP40/20                |
| IK rating           | IK07                   |
| Product EAN number  | 5025768711611          |
| Warranty            | 5 years                |
| Dimming method      | N/A                    |
| Colour Code         | 830                    |

### Photometry



Technical drawings



Data table

GENERAL DATA

|                                  |                                     |
|----------------------------------|-------------------------------------|
| Product name                     | COLOSSAL 600mm 830 OPAL DIR WHITE   |
| Technology                       | LED (3 SDCM)                        |
| Cap/Base                         | N/A                                 |
| Housing                          | Aluminium                           |
| Mount                            | Ceiling surface mounting, Suspended |
| General application              | Hospitality, Office                 |
| Operating temperature range (°C) | 10°C...+25°C                        |
| ETIM Class                       | EC002892                            |
| Warranty                         | 5 years                             |

OPTICAL DATA

|                                   |            |
|-----------------------------------|------------|
| Fixture luminous flux (lm)        | 5075       |
| Luminaire efficacy (lm/W)         | 125        |
| Correlated colour temperature (k) | 3000       |
| Colour Code                       | 830        |
| Light colour                      | Warm White |

## COLOSSAL 600mm 830 OPAL DIR WHITE 2071161

|                                 |           |
|---------------------------------|-----------|
| CRI (Ra)                        | 80        |
| Colour Variation Initial (SDCM) | 3         |
| Distribution type               | Symmetric |
| Glare control                   | < 22      |
| Photobiological Risk Group      | RG0       |

### ELECTRICAL DATA

|                                                                  |                             |
|------------------------------------------------------------------|-----------------------------|
| Total power consumption (W)                                      | 40.6                        |
| Primary Supply/Product voltage - min (V)                         | 220                         |
| Primary Supply/Product voltage - max (V)                         | 240                         |
| Lamp power factor                                                | 0.95                        |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 20                          |
| Electrical protection                                            | Class I                     |
| Control gear required                                            | No                          |
| Control gear type                                                | LED driver constant current |
| Dimmable                                                         | No                          |
| Dimming method                                                   | N/A                         |
| Drive current (mA)                                               | 450                         |
| Inrush Current (A)                                               | 15                          |
| Inrush Duration (µs)                                             | 250                         |
| Energy Efficiency Class (A->G) of contained light source         | B                           |
| Nominal Frequency (Hz)                                           | 50/60Hz                     |
| LED Flickering Rate                                              | Ultra low (5% or less)      |
| Max. products per 10A C Breaker                                  | 40                          |
| Max. products per 13A C Breaker                                  | 51                          |
| Max. products per 16A C Breaker                                  | 63                          |
| Max. products per 20A C Breaker                                  | 80                          |
| Max. products per 10A B Breaker                                  | 24                          |
| Max. products per 13A B Breaker                                  | 31                          |
| Max. products per 16A B Breaker                                  | 38                          |
| Max. products per 20A B Breaker                                  | 48                          |
| Connectable conductor cross section - Max (mm²)                  | 2.5                         |

### LIFETIME DATA

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 170000 |
| Lifespan L80 B20 | 145000 |
| Lifespan L90 B10 | 66000  |

### PHYSICAL DATA

|                               |                  |
|-------------------------------|------------------|
| Housing colour                | RAL9016          |
| IP rating                     | IP40/20          |
| IK rating                     | IK07             |
| Diffuser finish               | Opal             |
| Diffuser material             | PC Polycarbonate |
| Nominal Product Height (mm)   | 93               |
| Nominal Product Diameter (mm) | 604              |
| Weight (kg)                   | 9.0              |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5025768711611  |
| Packaging single length / height (cm) | 14.0           |
| Packaging single width (cm)           | 68.0           |
| Packaging single depth (cm)           | 68.0           |
| DUN14 (inner)                         | 05025768711611 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 14.0           |
| Packaging outer width (cm)            | 68.0           |
| Packaging outer depth (cm)            | 68.0           |

### SAFETY DATA

|                                     |       |
|-------------------------------------|-------|
| Glow Wire Test (°C)                 | 650   |
| Optimal operating condition (°C)    | 10-25 |
| Special purpose lamp                | No    |
| Dry applications use only           | No    |
| Suitable for household illumination | No    |

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