

# Concord

## COLOSSAL 600mm 840 PRISM DIR WHITE SSC 2071184



### Features

- 600mm diameter circular architectural luminaire, can be surface mounted or suspended. Powder coated aluminium housing (RAL9016) with PMMA prismatic diffuser. Direct light distribution, 3995lm luminous flux, 31.3W system power, 128lm/W luminaire efficacy. Sylsmart Standalone enabled. Colour rendering index Ra >80, 4000K Neutral White LED, chromaticity tolerance of 3-step MacAdam ellipse. IP40, IK03. 350mA drive current. UGR≤19. Electrical protection Class1, 220-240V. Reported lifetime 66k hours L90B10.

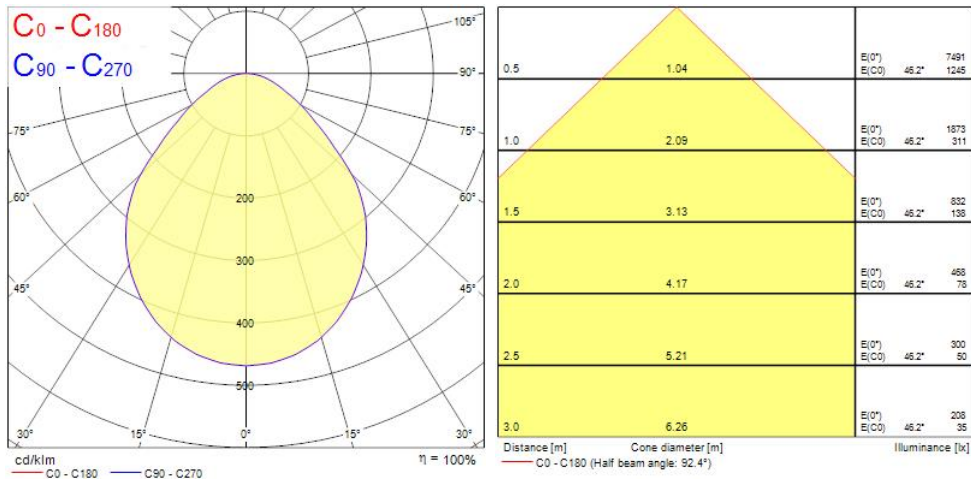
### Product Overview

|                                 |                                        |
|---------------------------------|----------------------------------------|
| Product name                    | COLOSSAL 600mm 840 PRISM DIR WHITE SSC |
| Technology                      | LED (3 SDCM)                           |
| Cap/Base                        | N/A                                    |
| Housing                         | Aluminium                              |
| Mount                           | Ceiling surface mounting, Suspended    |
| Fixture luminous flux (lm)      | 3995                                   |
| Luminaire efficacy (lm/W)       | 128                                    |
| Colour temperature (K)          | 4000                                   |
| Light colour                    | Neutral White                          |
| CRI (Ra)                        | 80                                     |
| Colour Variation Initial (SDCM) | 3                                      |
| Glare control                   | < 19                                   |
| Photobiological Risk Group      | RG0                                    |
| Total power consumption (W)     | 31.3                                   |
| Electrical protection           | Class I                                |
| Control gear type               | LED driver constant current            |
| LED Flickering Rate             | Ultra low (5% or less)                 |
| Housing colour                  | RAL 9016 - Traffic white / Bezel       |
| IP rating                       | IP40/20                                |
| IK rating                       | IK07                                   |

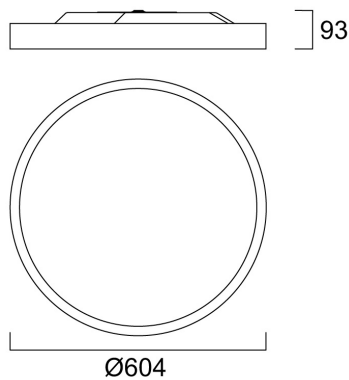
COLOSSAL 600mm 840 PRISM DIR WHITE SSC  
**2071184**

|                    |               |
|--------------------|---------------|
| Product EAN number | 5025768711840 |
| Warranty           | 5 years       |
| Colour Code        | 840           |

## Photometry



## Technical drawings



## Data table

## COLOSSAL 600mm 840 PRISM DIR WHITE SSC 2071184

### GENERAL DATA

|                                  |                                        |
|----------------------------------|----------------------------------------|
| Product name                     | COLOSSAL 600mm 840 PRISM DIR WHITE SSC |
| Technology                       | LED (3 SDCM)                           |
| Cap/Base                         | N/A                                    |
| Housing                          | Aluminium                              |
| Mount                            | Ceiling surface mounting, Suspended    |
| Operating temperature range (°C) | 10°C...+25°C                           |
| Warranty                         | 5 years                                |

### OPTICAL DATA

|                                 |               |
|---------------------------------|---------------|
| Fixture luminous flux (lm)      | 3995          |
| Luminaire efficacy (lm/W)       | 128           |
| Colour temperature (K)          | 4000          |
| Colour Code                     | 840           |
| Light colour                    | Neutral White |
| CRI (Ra)                        | 80            |
| Colour Variation Initial (SDCM) | 3             |
| Glare control                   | < 19          |
| Photobiological Risk Group      | RG0           |

### ELECTRICAL DATA

|                                                          |                             |
|----------------------------------------------------------|-----------------------------|
| Total power consumption (W)                              | 31.3                        |
| Primary Supply/Product voltage - min (V)                 | 198.0                       |
| Lamp power factor                                        | 0.99                        |
| Electrical protection                                    | Class I                     |
| Control gear required                                    | No                          |
| Control gear type                                        | LED driver constant current |
| Drive current (mA)                                       | 350                         |
| Inrush Current (A)                                       | 23                          |
| Inrush Duration (µs)                                     | 174                         |
| Glow Wire Test (°C)                                      | 650                         |
| Energy Efficiency Class (A->G) of contained light source | B                           |

## COLOSSAL 600mm 840 PRISM DIR WHITE SSC 2071184

|                                                 |                        |
|-------------------------------------------------|------------------------|
| Nominal Frequency (Hz)                          | 50/60Hz                |
| LED Flickering Rate                             | Ultra low (5% or less) |
| Max. products per 10A C Breaker                 | 21                     |
| Max. products per 20A B Breaker                 | 27                     |
| 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                | RAL 9016 - Traffic white / Bezel |
| IP rating                     | IP40/20                          |
| IK rating                     | IK07                             |
| Diffuser finish               | Prismatic                        |
| Diffuser material             | PMMA Acrylic                     |
| Nominal Product Diameter (mm) | 604                              |
| Weight (kg)                   | 9.4                              |

### PACKAGING

|                                      |                |
|--------------------------------------|----------------|
| Single packaging type                | Carton         |
| Product EAN number                   | 5025768711840  |
| Packaging single width (cm)          | 68.0           |
| Packaging single depth (cm)          | 68.0           |
| DUN14 (outer)                        | 05025768711840 |
| Packaging outer length / height (cm) | 14.0           |

### SAFETY DATA

|                                  |       |
|----------------------------------|-------|
| Optimal operating condition (°C) | 10-25 |
| Special purpose lamp             | No    |
| Dry applications use only        | No    |

# Concord

COLOSSAL 600mm 840 PRISM DIR WHITE SSC  
2071184

|                                     |    |
|-------------------------------------|----|
| Suitable for household illumination | No |
|-------------------------------------|----|