

# Concord

## COLOSSAL 900mm 940 PRISM DIR WHITE SSC 2071256



### Features

- 900mm diameter circular architectural luminaire, can be surface mounted or suspended. Powder coated aluminium housing (RAL9016) with PMMA prismatic diffuser. Direct light distribution, 6955lm luminous flux, 58.7W system power, 118lm/W luminaire efficacy. Sylsmart Standalone enabled. Colour rendering index Ra >90, 4000K Neutral White LED, chromaticity tolerance of 3-step MacAdam ellipse. IP40/IP20, IK03. 350mA drive current. UGR≤19. Electrical protection Class1, 220-240V. Reported lifetime 66k hours L90B10.

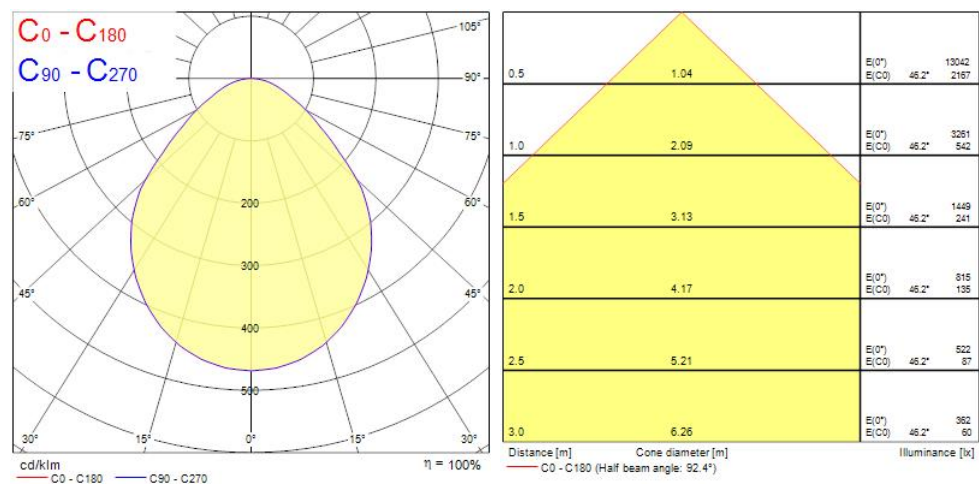
### Product Overview

|                                 |                                        |
|---------------------------------|----------------------------------------|
| Product name                    | COLOSSAL 900mm 940 PRISM DIR WHITE SSC |
| Technology                      | LED (3 SDCM)                           |
| Cap/Base                        | N/A                                    |
| Housing                         | Aluminium                              |
| Mount                           | Ceiling surface mounting               |
| Fixture luminous flux (lm)      | 6955                                   |
| Luminaire efficacy (lm/W)       | 118                                    |
| Colour temperature (K)          | 4000                                   |
| Light colour                    | Neutral White                          |
| CRI (Ra)                        | 90                                     |
| Colour Variation Initial (SDCM) | 3                                      |
| Glare control                   | < 18                                   |
| Photobiological Risk Group      | RG0                                    |
| Total power consumption (W)     | 58.7                                   |
| 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                                   |

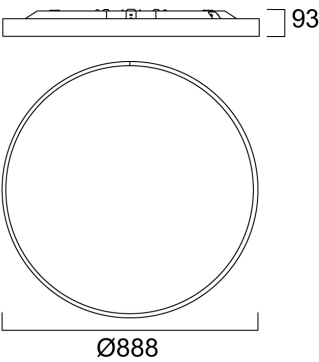
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2071256

|                    |               |
|--------------------|---------------|
| Product EAN number | 5025768712564 |
| Warranty           | 5 years       |
| Colour Code        | 940           |

Photometry



Technical drawings



Data table

## COLOSSAL 900mm 940 PRISM DIR WHITE SSC 2071256

### GENERAL DATA

|                                  |                                        |
|----------------------------------|----------------------------------------|
| Product name                     | COLOSSAL 900mm 940 PRISM DIR WHITE SSC |
| Technology                       | LED (3 SDCM)                           |
| Cap/Base                         | N/A                                    |
| Housing                          | Aluminium                              |
| Mount                            | Ceiling surface mounting               |
| Operating temperature range (°C) | 5°C...+25°C                            |
| Warranty                         | 5 years                                |

### OPTICAL DATA

|                                 |               |
|---------------------------------|---------------|
| Fixture luminous flux (lm)      | 6955          |
| Luminaire efficacy (lm/W)       | 118           |
| Colour temperature (K)          | 4000          |
| Colour Code                     | 940           |
| Light colour                    | Neutral White |
| CRI (Ra)                        | 90            |
| Colour Variation Initial (SDCM) | 3             |
| Glare control                   | < 18          |
| Photobiological Risk Group      | RG0           |

### ELECTRICAL DATA

|                                          |                             |
|------------------------------------------|-----------------------------|
| Total power consumption (W)              | 58.7                        |
| Current (A)                              | 350                         |
| Primary Supply/Product voltage - min (V) | 220                         |
| 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                         |

## COLOSSAL 900mm 940 PRISM DIR WHITE SSC 2071256

|                                                              |                        |
|--------------------------------------------------------------|------------------------|
| Energy Efficiency Class (A->G) of contained light source     | C                      |
| Nominal Frequency (Hz)                                       | 50/60Hz                |
| LED Flickering Rate                                          | Ultra low (5% or less) |
| Max. products per 10A C Breaker                              | 18                     |
| Max. products per 20A B Breaker                              | 17                     |
| Connectable conductor cross section - Min (mm <sup>2</sup> ) | 1.5                    |
| Connectable conductor cross section - Max (mm <sup>2</sup> ) | 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) | 888                              |
| Weight (kg)                   | 16.6                             |

### PACKAGING

|                                      |                |
|--------------------------------------|----------------|
| Single packaging type                | Carton         |
| Product EAN number                   | 5025768712564  |
| Packaging single width (cm)          | 96.0           |
| Packaging single depth (cm)          | 96.0           |
| DUN14 (outer)                        | 05025768712564 |
| Packaging outer length / height (cm) | 14.0           |

### SAFETY DATA

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2071256

|                                     |      |
|-------------------------------------|------|
| Optimal operating condition (°C)    | 5-25 |
| Special purpose lamp                | No   |
| Dry applications use only           | No   |
| Suitable for household illumination | No   |