



COLOSSAL 900mm 840 PRISM DIR+HAL  
WHITE DALI EM

Item No: 2071270

Concord

General data

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| Product name                     | COLOSSAL 900mm 840 PRISM DIR+HAL WHITE DALI EM |
| Technology                       | LED (3 SDCM)                                   |
| Cap/Base                         | N/A                                            |
| Housing                          | Aluminium                                      |
| Mount                            | Suspended                                      |
| General application              | Hospitality, Office                            |
| Operating temperature range (°C) | 5°C...+25°C                                    |
| ETIM Class                       | EC002892                                       |
| Warranty                         | 5 years                                        |

Optical data

|                                   |               |
|-----------------------------------|---------------|
| Fixture luminous flux (lm)        | 8285          |
| Luminaire efficacy (lm/W)         | 139           |
| Correlated colour temperature (k) | 4000          |
| Colour Code                       | 840           |
| Light colour                      | Neutral White |
| CRI (Ra)                          | 80            |
| Colour Variation Initial (SDCM)   | SDCM3         |
| Distribution type                 | Symmetric     |
| Glare control                     | < 19          |
| Photobiological Risk Group        | RG0           |
| Emergency duration (h)            | 3             |

Electrical data

|                                                                  |                             |
|------------------------------------------------------------------|-----------------------------|
| Total power consumption (W)                                      | 59.6                        |
| Current (A)                                                      | 350                         |
| Primary Supply/Product voltage - min (V)                         | 220                         |
| Primary Supply/Product voltage - max (V)                         | 240                         |
| Lamp power factor                                                | 0.99                        |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 9                           |
| Electrical protection                                            | Class I                     |
| Control gear required                                            | No                          |
| Control gear type                                                | LED driver constant current |
| Dimmable                                                         | Yes                         |
| Dimming method                                                   | DALI                        |
| Drive current (mA)                                               | 350                         |
| Inrush Current (A)                                               | 23                          |
| Inrush Duration (µs)                                             | 174                         |
| 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                                  | 18                          |
| Max. products per 13A C Breaker                                  | 26                          |
| Max. products per 16A C Breaker                                  | 28                          |
| Max. products per 20A C Breaker                                  | 34                          |
| Max. products per 10A B Breaker                                  | 9                           |
| Max. products per 13A B Breaker                                  | 13                          |
| Max. products per 16A B Breaker                                  | 14                          |
| Max. products per 20A B Breaker                                  | 17                          |
| Connectable conductor cross section - Min (mm²)                  | 1.5                         |
| Connectable conductor cross section - Max (mm²)                  | 2.5                         |

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## 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 Height (mm)   | 93                               |
| Nominal Product Diameter (mm) | 888                              |
| Weight (kg)                   | 17.0                             |

## Packaging

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5025768712700  |
| Packaging single length / height (cm) | 14.0           |
| Packaging single width (cm)           | 96.0           |
| Packaging single depth (cm)           | 96.0           |
| DUN14 (inner)                         | 05025768712700 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 14.0           |
| Packaging outer width (cm)            | 96.0           |
| Packaging outer depth (cm)            | 96.0           |

## Safety data

|                                  |      |
|----------------------------------|------|
| Glow Wire Test (°C)              | 650  |
| Optimal operating condition (°C) | 5-25 |