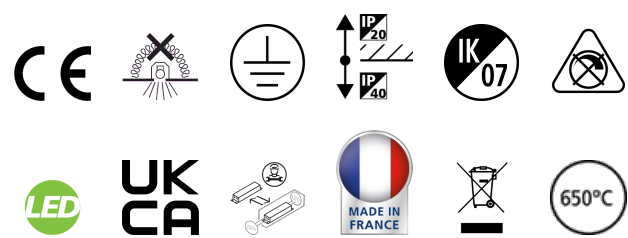


COLOSSAL 400mm 940 PRISM DIR+HAL  
WHITE

Item No: 2071156

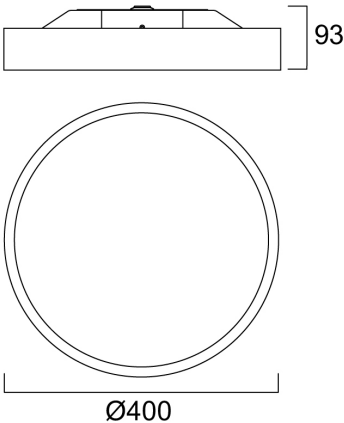
Concord



400mm diameter circular architectural luminaire, can be surface mounted or suspended. Powder coated aluminium housing (RAL9016) with PMMA prismatic diffuser. Direct/indirect (halo) light distribution, 1715lm luminous flux, 16W system power, 107lm/W luminaire efficacy. Constant current driver. Colour rendering index Ra >90, 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.

Technical Assets

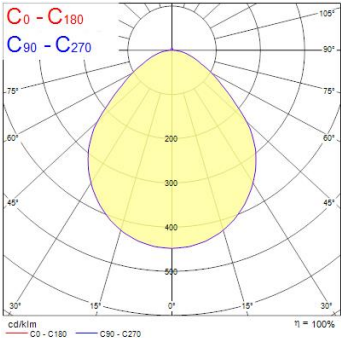
Dimensions (mm)



Photometrics

|     |      |                      |             |
|-----|------|----------------------|-------------|
| 0.5 | 1.07 | E(0°)<br>E(C0) 47.0° | 3075<br>488 |
| 1.0 | 2.14 | E(0°)<br>E(C0) 47.0° | 789<br>122  |
| 1.5 | 3.22 | E(0°)<br>E(C0) 47.0° | 342<br>54   |
| 2.0 | 4.29 | E(0°)<br>E(C0) 47.0° | 192<br>30   |
| 2.5 | 5.36 | E(0°)<br>E(C0) 47.0° | 123<br>20   |
| 3.0 | 6.43 | E(0°)<br>E(C0) 47.0° | 85<br>14    |

Distance [m]Cone diameter [m]Illuminance [lx]  
C0 - C180 (Half beam angle: 94.0°)



COLOSSAL 400mm 940 PRISM DIR+HAL WHITE

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Concord

General data

|                                  |                                        |
|----------------------------------|----------------------------------------|
| Product name                     | COLOSSAL 400mm 940 PRISM DIR+HAL WHITE |
| Technology                       | LED (3 SDCM)                           |
| Cap/Base                         | N/A                                    |
| Housing                          | Aluminium                              |
| Mount                            | 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)        | 1715          |
| Luminaire efficacy (lm/W)         | 107           |
| Correlated colour temperature (k) | 4000          |
| Colour Code                       | 940           |
| Light colour                      | Neutral White |
| CRI (Ra)                          | 90            |
| Colour Variation Initial (SDCM)   | SDCM3         |
| Distribution type                 | Symmetric     |
| Glare control                     | < 19          |
| Photobiological Risk Group        | RG0           |

Electrical data

|                                                                  |                             |
|------------------------------------------------------------------|-----------------------------|
| Total power consumption (W)                                      | 16                          |
| Primary Supply/Product voltage - min (V)                         | 220                         |
| Primary Supply/Product voltage - max (V)                         | 240                         |
| Lamp power factor                                                | 0.93                        |
| 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)                                               | 350                         |
| Inrush Current (A)                                               | 8                           |
| Inrush Duration (µs)                                             | 80                          |
| Energy Efficiency Class (A->G) of contained light source         | C                           |
| Nominal Frequency (Hz)                                           | 50/60Hz                     |
| LED Flickering Rate                                              | Medium (21% - 40%)          |
| Max. products per 10A C Breaker                                  | 65                          |
| Max. products per 13A C Breaker                                  | 80                          |
| Max. products per 16A C Breaker                                  | 100                         |
| Max. products per 20A C Breaker                                  | 125                         |
| Max. products per 10A B Breaker                                  | 65                          |
| Max. products per 13A B Breaker                                  | 80                          |
| Max. products per 16A B Breaker                                  | 100                         |
| Max. products per 20A B Breaker                                  | 125                         |
| Connectable conductor cross section - Min (mm²)                  | 1.5                         |
| Connectable conductor cross section - Max (mm²)                  | 2.5                         |

Lifetime data

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

COLOSSAL 400mm 940 PRISM DIR+HAL  
WHITE

Item No: 2071156

Concord

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) | 400                              |
| Weight (kg)                   | 6.5                              |

Packaging

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5025768711567  |
| Packaging single length / height (cm) | 14.0           |
| Packaging single width (cm)           | 47.0           |
| Packaging single depth (cm)           | 47.0           |
| DUN14 (inner)                         | 05025768711567 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 14.0           |
| Packaging outer width (cm)            | 47.0           |
| Packaging outer depth (cm)            | 47.0           |

Safety data

|                                  |       |
|----------------------------------|-------|
| Glow Wire Test (°C)              | 650   |
| Optimal operating condition (°C) | 10-25 |