

# OFFICELYTE 600X600 HE 3K DALI

Item No: 2069241

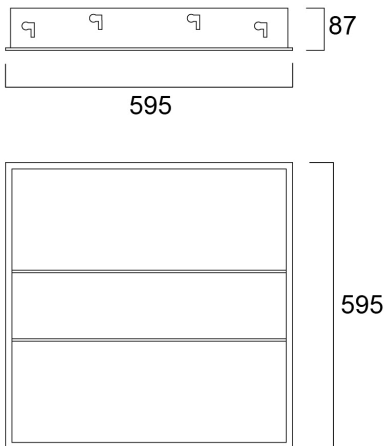
Concord



Concord OFFICELYTE 600X600 HE 3K DALI is a high performance low glare luminaire for offices and education applications. Ceiling recessed 600x600mm. Micro Prismatic optics. White RAL 9010. DALI dimmable. 3000K Warm White LED, Typical CRI=85, chromaticity tolerance of 3-step MacAdam ellipse, lumen package of 3,250lm, total power consumption 24W, efficacy of 135lm/W. Lifespan 120,000 hours L70B50, 58,000 hours L80B20, UGR<19. IK02, IP20, Electrical Protection Class I, Photobiological Risk Group 0. PMMA diffuser, Glow Wire test 650°C.

## Technical Assets

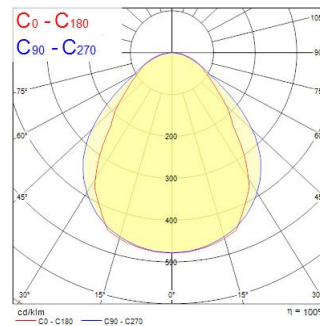
### Dimensions (mm)



### Photometrics

| Distance [m] | Cone diameter [m] | Beam diameter [m] | Beam diameter [m] | Illuminance [lx]   |
|--------------|-------------------|-------------------|-------------------|--------------------|
| 0.5          | 1.13<br>0.82      | 0.71              | 0.51              | 630<br>904<br>1462 |
| 1.0          | 2.26<br>1.64      | 1.42              | 1.02              | 158<br>224<br>371  |
| 1.5          | 3.39<br>2.46      | 2.13              | 1.53              | 71<br>104<br>166   |
| 2.0          | 4.52<br>3.27      | 2.84              | 2.04              | 40<br>58<br>95     |
| 2.5          | 5.65<br>4.09      | 3.55              | 2.55              | 26<br>38<br>58     |
| 3.0          | 6.78<br>4.91      | 4.26              | 3.06              | 17<br>25<br>38     |

Distance [m]    Cone diameter [m]    Illuminance [lx]  
 — C0 - C180 (Half beam angle: 75.0°)  
 — C90 - C270 (Half beam angle: 97.0°)



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## General data

|   |  |
|---|--|
| Product name                            | OFFICELYTE 600X600 HE 3K DALI          |
| Technology                              | LED                                    |
| Cap/Base                                | N/A                                    |
| Housing                                 | Steel                                  |
| Mount                                   | Ceiling recessed mounting              |
| Built in presence detector              | NONE                                   |
| Fixture rating                          | Enclosed                               |
| General application                     | Office, Hospitality, Retail, Education |
| Performance ambient temperature Tq (°C) | 25                                     |
| Virtual assistant compatibility         | N/A                                    |
| ETIM Class                              | EC002892                               |
| Warranty                                | 5 years                                |

## Optical data

|                                   |            |
|-----------------------------------|------------|
| Fixture luminous flux (lm)        | 3250       |
| Luminaire efficacy (lm/W)         | 135        |
| LOR (%)                           | 100        |
| Correlated colour temperature (k) | 3000       |
| Light colour                      | Warm White |
| CRI (Ra)                          | 80         |
| Colour Variation Initial (SDCM)   | SDCM3      |
| Colour Consistency (SDCM)         | 3          |
| Distribution type                 | Symmetric  |
| Glare control                     | < 19       |
| Photobiological Risk Group        | RG0        |

## Electrical data

|  |                    |
|--|--------------------|
| Total power consumption (W)                              | 24                 |
| Primary Supply/Product voltage - min (V)                 | 230                |
| Primary Supply/Product voltage - max (V)                 | 240                |
| Lamp power factor  | 0.96               |
| Electrical protection                                    | Class I            |
| Control gear required                                    | Yes                |
| Control gear type  | Electronic ballast |
| Control gear mounting                                    | Remote             |
| Dimmable   | Yes                |
| Dimming method   | DALI               |
| Drive current (mA)                                       | 650                |
| Inrush Current (A)                                       | 25                 |
| Inrush Duration (µs)                                     | 141                |
| Energy Efficiency Class (A->G) of contained light source | D                  |
| Nominal Frequency (Hz)                                   | 50/60Hz            |
| Max. products per 10A C Breaker                          | 31                 |
| Max. products per 13A C Breaker                          | 40                 |
| Max. products per 16A C Breaker                          | 51                 |
| Max. products per 20A C Breaker                          | 66                 |
| Max. products per 10A B Breaker                          | 19                 |
| Max. products per 13A B Breaker                          | 24                 |
| Max. products per 16A B Breaker                          | 31                 |
| Max. products per 20A B Breaker                          | 40                 |

## Lifetime data

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 120000 |
| Lifespan L80 B20 | 58000  |

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## Physical data

|                             |                                  |
|-----------------------------|----------------------------------|
| Housing colour              | RAL 9016 - Traffic white / Bezel |
| IP rating                   | IP20                             |
| IK rating                   | IK02                             |
| Diffuser finish             | Matt/satinized                   |
| Diffuser material           | PMMA Acrylic                     |
| Nominal Product Length (mm) | 595                              |
| Nominal Product Width (mm)  | 595                              |
| Nominal Product Height (mm) | 87                               |
| Weight (kg)                 | 6.0                              |
| Recessed Depth (mm)         | 200                              |

## Packaging

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5025768692415  |
| Packaging single length / height (cm) | 63.5           |
| Packaging single width (cm)           | 73.0           |
| Packaging single depth (cm)           | 15.5           |
| DUN14 (inner)                         | 05025768692415 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 63.5           |
| Packaging outer width (cm)            | 73.0           |
| Packaging outer depth (cm)            | 15.5           |

## Safety data

|                     |     |
|---------------------|-----|
| Glow Wire Test (°C) | 650 |
|---------------------|-----|