

Officelyte LED

OFFICELYTE 600X600 HE 4K DALI EMPRO

2069245



Product features

- Concord OFFICELYTE 600X600 HE 4K DALI EMPRO is a high performance low glare luminaire for offices and education applications. Ceiling recessed 600x600mm. Micro Prismatic optics. White RAL 9010. DALI dimmable. 3 hours emergency operation with integral batteries and DALI monitoring. 4000K Neutral White LED, Typical CRI=85, chromaticity tolerance of 3-step MacAdam ellipse, lumen package of 3,545lm, total power consumption 27W, efficacy of 131lm/W. Lumen maintenance of L80B10 at 60,000 hours, L90B10 at 34,000 hours, UGR<19. IK02, IP20, Electrical Protection Class I, Photobiological Risk Group 0. PMMA diffuser, Glow Wire test 650°C.



PRODUCT OVERVIEW

| | |
|--------------------------------|--------------------------------------|
| IPC Code | 2069245 |
| Product name | OFFICELYTE 600X600 HE 4K DALI EMPRO |
| Technology | LED |
| Housing | Zintec |
| Mount | Recessed |
| Fixture rating | Enclosed |
| General application | Office,Hospitality,Retail,Education, |
| Certifications | EUNEW001 |
| ETIM Class | EC002892 |
| Fixture luminous flux (lm) | 3545 |
| Luminaire efficacy (lm/W) | 131 |
| LOR (%) | 100 |
| Colour temperature (K) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |
| Colour Consistency (SDCM) | 3 |
| Glare control | UGR<19 |
| Photobiological Risk Group | RG0 |
| Luminous flux (emergency) (lm) | 221 |
| Total power consumption (W) | 27 |
| Electrical protection | Class I |
| Control gear type | DALI + Emergency |
| Control gear mounting | Remote |
| Housing colour | White - RAL9016 |
| IP rating | IP20 |
| IK rating | IK02 |
| Product EAN number | 5025768692453 |
| Lamps | Yes |
| Included lamp | INTEGRATED LED |

DATA TABLE

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General data

| | |
|---------------------|--------------------------------------|
| IPC Code | 2069245 |
| Product name | OFFICELYTE 600X600 HE 4K DALI EMPRO |
| Technology | LED |
| Housing | Zintec |
| Mount | Recessed |
| Fixture rating | Enclosed |
| General application | Office,Hospitality,Retail,Education, |
| Certifications | EUNEW001 |
| ETIM Class | EC002892 |

Optical data

| | |
|--------------------------------|---------------|
| Fixture luminous flux (lm) | 3545 |
| Luminaire efficacy (lm/W) | 131 |
| LOR (%) | 100 |
| Colour temperature (K) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |
| Colour Consistency (SDCM) | 3 |
| Distribution type | Direct |
| Glare control | UGR<19 |
| Photobiological Risk Group | RG0 |
| Luminous flux (emergency) (lm) | 221 |
| Emergency duration (h) | 3 |

Electrical data

| | |
|-----------------------------------|------------------|
| Total power consumption (W) | 27 |
| Mains voltage (V) | 230-240V~ |
| Lamp power factor | 0.98 |
| Electrical protection | Class I |
| Control gear required | Yes |
| Control gear type | DALI + Emergency |
| Control gear mounting | Remote |
| Drive current (mA) | 650 |
| Inrush Current (A) | 25 |
| Inrush Duration (µs) | 140 |
| Glow Wire Test (°C) | 650 |
| Nominal Frequency (Hz) | 50/60Hz |
| Max. Luminaires per 10A C Breaker | 30 |
| Max. Luminaires per 13A C Breaker | 41 |
| Max. Luminaires per 16A C Breaker | 53 |
| Max. Luminaires per 20A C Breaker | 66 |
| Max. Luminaires per 10A B Breaker | 18 |
| Max. Luminaires per 13A B Breaker | 25 |
| Max. Luminaires per 16A B Breaker | 32 |
| Max. Luminaires per 20A B Breaker | 40 |

Lifetime data

| | |
|-----------------------------|-------|
| Lumen maintenance - L70 B50 | 60000 |
|-----------------------------|-------|

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| | |
|-----------------------------|-------|
| Lumen maintenance - L70 B20 | 60000 |
| Lumen maintenance - L70 B10 | 60000 |
| Lumen maintenance - L80 B50 | 60000 |
| Lumen maintenance - L80 B20 | 60000 |
| Lumen maintenance - L80 B10 | 60000 |
| Lumen maintenance - L90 B50 | 60000 |
| Lumen maintenance - L90 B20 | 48000 |
| Lumen maintenance - L90 B10 | 34000 |

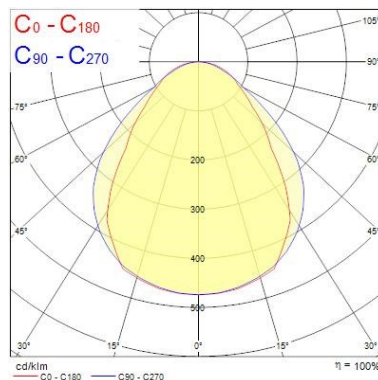
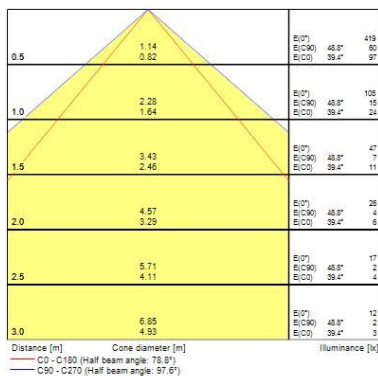
Physical data

| | |
|-----------------------------|-----------------|
| Housing colour | White - RAL9016 |
| IP rating | IP20 |
| IK rating | IK02 |
| Diffuser finish | Satine |
| Diffuser material | Acrylic |
| Nominal Product Length (mm) | 595 |
| Nominal Product Width (mm) | 595 |
| Nominal Product Height (mm) | 87 |
| Weight (kg) | 7.1 |
| Recessed Depth (mm) | 200 |

Packaging

| | |
|---------------------------------------|----------------|
| Single packaging type | Carton |
| Product EAN number | 5025768692453 |
| Packaging single length / height (cm) | 63.5 |
| Packaging single width (cm) | 73.0 |
| Packaging single depth (cm) | 15.5 |
| DUN14 (outer) | 05025768692453 |
| Units per outer package | 1 |
| Packaging outer length / height (cm) | 63.5 |
| Packaging outer width (cm) | 73.0 |
| Packaging outer depth (cm) | 15.5 |

PHOTOMETRY

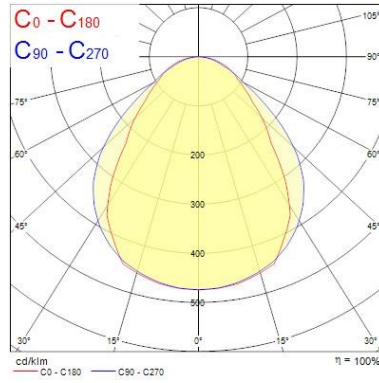


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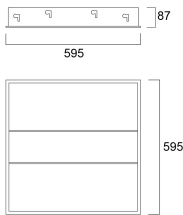
| | | |
|-----|--------------|--|
| 0.5 | 1.14 0.62 | E(0°) 8724 E(C90) 961 E(C0) 1559 |
| 1.0 | 2.28 1.64 | E(0°) 1881 E(C90) 240 E(C0) 390 |
| 1.5 | 3.43 2.46 | E(0°) 747 E(C90) 107 E(C0) 173 |
| 2.0 | 4.57 3.29 | E(0°) 420 E(C90) 60 E(C0) 97 |
| 2.5 | 5.71 4.11 | E(0°) 269 E(C90) 38 E(C0) 62 |
| 3.0 | 6.85 4.93 | E(0°) 187 E(C90) 27 E(C0) 43 |

Distance [m] Cone diameter [m] Illuminance [lx]

— C0 - C180 (Half beam angle: 78.8°)
— C90 - C270 (Half beam angle: 97.6°)




TECHNICAL DRAWINGS




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Concord 2069245


 This luminaire contains built in LED lamps.

 } **LED**


The lamps cannot be changed in the luminaire.

874/2012 

 This luminaire contains built in LED lamps.

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The lamps cannot be changed in the luminaire.

Concord 2069245  874/2012