

OFFICELYTE 1200x300 HE 4K DALI EMPRO

Item No: 2069267

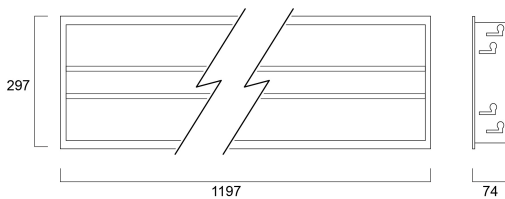
Concord



Concord OFFICELYTE 1200x300 HE 4K DALI EMPRO is a high performance low glare luminaire for offices and education applications. Ceiling recessed 1200x300mm. 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 3,450lm, total power consumption 27W, efficacy of 128lm/W. Lifespan 120,000 hours L70B50, 58,000 hours L80B20, UGR<19. IK02, IP20, Electrical Protection Class I, Photobiological Risk Group 1. PMMA diffuser, Glow Wire test 650°C.

Technical Assets

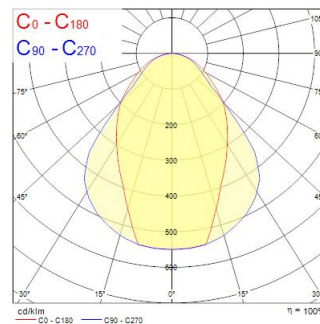
Dimensions (mm)



Photometrics

| Distance [m] | Cone diameter [m] | Beam diameter [m] | Beam diameter [in] | Illuminance [lx] |
|--------------|-------------------|-------------------|--------------------|------------------|
| 0.5 | 0.84 0.65 | 0.71 0.55 | 28.0" 21.7" | 1538 1487 |
| 1.0 | 1.68 1.31 | 1.42 1.10 | 56.0" 43.3" | 385 367 |
| 1.5 | 2.52 2.05 | 2.13 1.65 | 84.0" 65.0" | 257 238 |
| 2.0 | 3.36 2.74 | 2.84 2.20 | 112.0" 86.6" | 193 179 |
| 2.5 | 4.20 3.42 | 3.55 2.75 | 140.0" 108.1" | 155 142 |
| 3.0 | 5.04 4.11 | 4.26 3.30 | 168.0" 129.1" | 128 119 |

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 66.9°)
 — C90 - C270 (Half beam angle: 66.4°)



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General data

| | |
|---|--|
| Product name | OFFICELYTE 1200x300 HE 4K DALI EMPRO |
| 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) | 3450 |
| Luminaire efficacy (lm/W) | 128 |
| LOR (%) | 100 |
| Correlated colour temperature (k) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM3 |
| Colour Consistency (SDCM) | 3 |
| Distribution type | Symmetric |
| Glare control | < 19 |
| Photobiological Risk Group | RG1 |
| Luminous flux (emergency) (lm) | 251 |

Electrical data

| | |
|--|--------------------|
| Emergency duration (h) | 3 |
| Total power consumption (W) | 27 |
| Primary Supply/Product voltage - min (V) | 230 |
| Primary Supply/Product voltage - max (V) | 240 |
| Lamp power factor | 0.98 |
| 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) | 140 |
| Energy Efficiency Class (A->G) of contained light source | D |
| Nominal Frequency (Hz) | 50/60Hz |
| Max. products per 10A C Breaker | 30 |
| Max. products per 13A C Breaker | 41 |
| Max. products per 16A C Breaker | 53 |
| Max. products per 20A C Breaker | 66 |
| Max. products per 10A B Breaker | 18 |
| Max. products per 13A B Breaker | 25 |
| Max. products per 16A B Breaker | 32 |
| 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) | 1197 |
| Nominal Product Width (mm) | 297 |
| Nominal Product Height (mm) | 74 |
| Weight (kg) | 7.2 |
| Recessed Depth (mm) | 200 |

Packaging

| | |
|---------------------------------------|----------------|
| Product EAN number | 5025768692675 |
| Packaging single length / height (cm) | 130.5 |
| Packaging single width (cm) | 35.0 |
| Packaging single depth (cm) | 14.2 |
| DUN14 (inner) | 05025768692675 |
| Units per outer package | 1 |
| Packaging outer length / height (cm) | 130.5 |
| Packaging outer width (cm) | 35.0 |
| Packaging outer depth (cm) | 14.2 |

Safety data

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