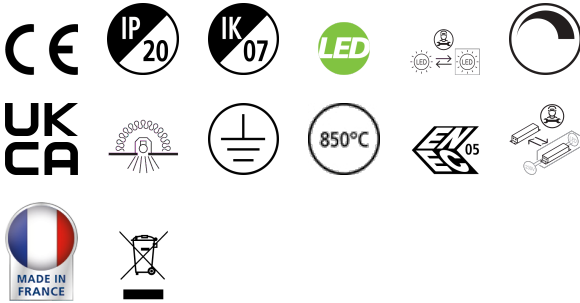


OPTIX RECESSED 600x600 3L SO 4000K ALU DALI

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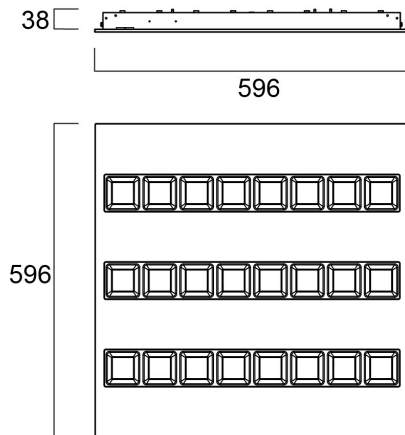
Concord



OPTIX RECESSED 600x600 3L SO 4000K ALU DALI is a high efficacy low glare luminaire for office and education applications. Ceiling recessed 600x600 mm. Aluminised plastic extra low glare optics in 3 lines configuration. White RAL9016 fixture body. DALI dimmable. 4000K Neutral White LED, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 2900lm. Power consumption 1.5W. Luminaire efficacy 149lm/W. Lifespan: 48,500 hours L90B10. UGR<16, Luminance at 65°<200 Cd/m², IK07, IP20. Photobiological safety risk group 0. Electrical protection Class I. Glow wire test 850°C.

Technical Assets

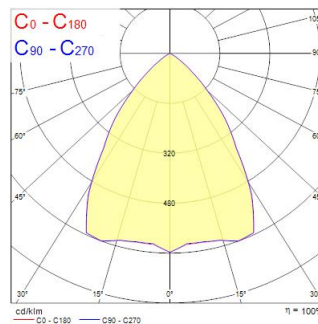
Dimensions (mm)



Photometrics

| Distance [m] | Cone diameter [m] | Beam diameter [m] | Beam diameter [m] | Illuminance [lx] |
|--------------|-------------------|-------------------|-------------------|------------------|
| 0.5 | 0.77 | 0.77 | 0.77 | 7391 |
| 1.0 | 1.54 | 1.54 | 1.54 | 1848 |
| 1.5 | 2.31 | 2.31 | 2.31 | 821 |
| 2.0 | 3.08 | 3.08 | 3.08 | 482 |
| 2.5 | 3.85 | 3.85 | 3.85 | 296 |
| 3.0 | 4.62 | 4.62 | 4.62 | 191 |

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 75.2°)



OPTIX RECESSED 600x600 3L SO 4000K ALU DALI

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Concord

General data

| | |
|---|---|
| Product name | OPTIX RECESSED 600x600 3L SO 4000K ALU DALI |
| Technology | LED |
| Cap/Base | N/A |
| Housing | Steel |
| Mount | Ceiling recessed mounting |
| Built in presence detector | NONE |
| Fixture rating | Enclosed |
| General application | Office, Education |
| Operating temperature range (°C) | 10°C...+25°C |
| Performance ambient temperature Tq (°C) | 25 |
| Virtual assistant compatibility | N/A |
| ETIM Class | EC002892 |
| Warranty | 5 years |

Optical data

| | |
|-----------------------------------|---------------|
| Fixture luminous flux (lm) | 2900 |
| Luminaire efficacy (lm/W) | 149 |
| Correlated colour temperature (k) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM3 |
| Distribution type | Symmetric |
| Glare control | < 16 |
| Photobiological Risk Group | RG0 |

Electrical data

| | |
|--|-----------------------------|
| Emergency type | |
| Total power consumption (W) | 19.5 |
| Primary Supply/Product voltage - min (V) | 220 |
| Primary Supply/Product voltage - max (V) | 240 |
| Lamp power factor | 0.98 |
| 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-2 |
| Minimum dimming level (%) | 1 |
| Drive current (mA) | 125 |
| Inrush Current (A) | 22.4 |
| Inrush Duration (µs) | 176 |
| Energy Efficiency Class (A->G) of contained light source | C |
| Nominal Frequency (Hz) | 50/60Hz |
| LED Flickering Rate | Ultra low (5% or less) |
| Max. products per 10A C Breaker | 21 |
| Max. products per 13A C Breaker | 28 |
| Max. products per 16A C Breaker | 36 |
| Max. products per 20A C Breaker | 45 |
| Max. products per 10A B Breaker | 13 |
| Max. products per 13A B Breaker | 17 |
| Max. products per 16A B Breaker | 22 |
| Max. products per 20A B Breaker | 27 |
| Connectable conductor cross section - Min (mm ²) | 0.75 |
| Connectable conductor cross section - Max (mm ²) | 2.5 |

OPTIX RECESSED 600x600 3L SO 4000K ALU DALI

Item No: 2023633

Concord

Lifetime data

| | |
|------------------|--------|
| Lifespan L70 B50 | 120000 |
| Lifespan L80 B20 | 107500 |
| Lifespan L90 B10 | 48500 |

Physical data

| | |
|-----------------------------|----------------------------------|
| Housing colour | RAL 9016 - Traffic white / Bezel |
| IP rating | IP20 |
| IK rating | IK07 |
| Diffuser finish | Matt/satinized |
| Diffuser material | PC Polycarbonate |
| Reflector finish | High-gloss |
| Nominal Product Length (mm) | 596 |
| Nominal Product Width (mm) | 596 |
| Nominal Product Height (mm) | 38 |
| Weight (kg) | 5.0 |

Packaging

| | |
|---------------------------------------|----------------|
| Product EAN number | 5025768236336 |
| Packaging single length / height (cm) | 62.0 |
| Packaging single width (cm) | 6.5 |
| Packaging single depth (cm) | 65.0 |
| DUN14 (inner) | 05025768236336 |
| Units per outer package | 1 |
| Packaging outer length / height (cm) | 62.0 |
| Packaging outer width (cm) | 6.5 |
| Packaging outer depth (cm) | 65.0 |

Safety data

| | |
|----------------------------------|-------|
| Glow Wire Test (°C) | 850 |
| Optimal operating condition (°C) | 10-25 |