

Concord

OFFICELYTE 600 4000K C90 HO DALI EMPRO 2069537



Features

- Concord OFFICELYTE 600 4000K C90 HO DALI EMPRO is a high performance low glare luminaire for offices and education applications. Suitable for lay in, as well as for pull up, into concealed grid and plasterboard ceilings with our optional wedge accessory kits suitable. Optical solution is a combination of Tp(a) rated central prismatic and side diffusers. Painted steel housing with RAL 9016 finishing colour. 595x595x92mm dimensions. 4200lm luminous flux, 36.5W total power consumption, 115lm/W efficacy level, CRi90 4000K (Neutral white) LED light sources with chromaticity tolerance of 3-step MacAdam ellipse. Conforming to EN 12464-1 for indoor work places, UGR<19. IK03 impact resistance, IP20 ingress protection level. IEC Class I electrical protection. Photobiological Risk Group 1. Lifespan 93k hours at L80B50. Glow Wire test 850°C. Integrated emergency with 3-hours LiFePO4 battery. DALI dimmable.

Product Overview

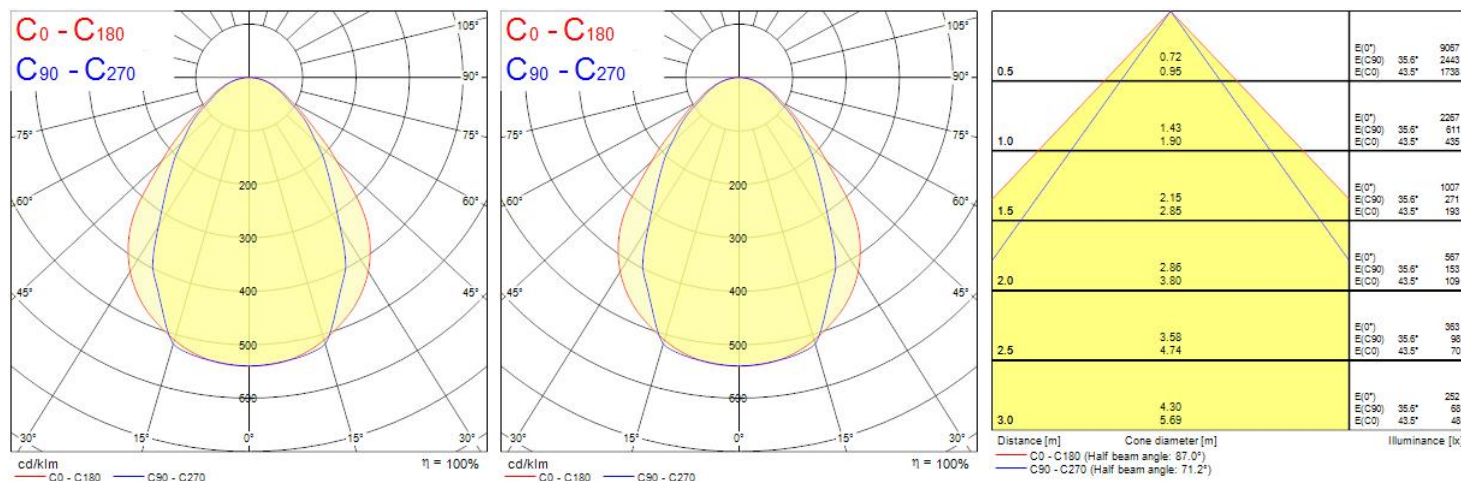
| | |
|-----------------------------------|--|
| Product name | OFFICELYTE 600 4000K C90 HO DALI EMPRO |
| Technology | LED (3 SDCM) |
| Cap/Base | N/A |
| Housing | Steel |
| Mount | Ceiling recessed mounting |
| General application | Office, Education |
| ETIM Class | EC002892 |
| Fixture luminous flux (lm) | 4, 200 |
| Luminaire efficacy (lm/W) | 115 |
| Correlated colour temperature (k) | 4000 |
| Light colour | Neutral White |

Concord

OFFICELYTE 600 4000K C90 HO DALI EMPRO 2069537

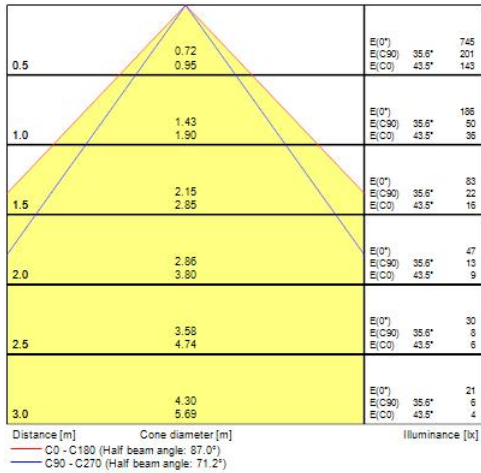
| | |
|---------------------------------|----------------------------------|
| CRI (Ra) | 90 |
| Colour Variation Initial (SDCM) | 3 |
| Beam Angle (°) | 87 |
| Glare control | < 19 |
| Photobiological Risk Group | RG1 |
| Luminous flux (emergency) (lm) | 345 |
| Total power consumption (W) | 36.5 |
| Electrical protection | Class I |
| Control gear type | LED driver constant current |
| Dimmable | Yes |
| Housing colour | RAL 9016 - Traffic white / Bezel |
| IP rating | IP20 |
| IK rating | IK03 |
| Product EAN number | 5025768695379 |
| Warranty | 5 years |
| Dimming method | DALI-2 |

Photometry

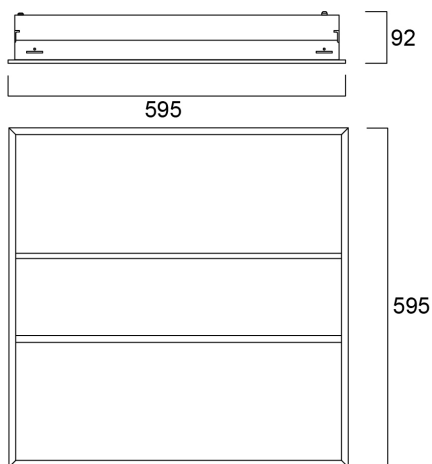


Concord

OFFICELYTE 600 4000K C90 HO DALI EMPRO 2069537



Technical drawings



Data table

GENERAL DATA

| | |
|--------------|--|
| Product name | OFFICELYTE 600 4000K C90 HO DALI EMPRO |
| Technology | LED (3 SDCM) |
| Cap/Base | N/A |
| Housing | Steel |

Concord

OFFICELYTE 600 4000K C90 HO DALI EMPRO 2069537

| | |
|---|---------------------------|
| Mount | Ceiling recessed mounting |
| General application | Office, Education |
| Operating temperature range (°C) | 5°C...+35°C |
| Performance ambient temperature Tq (°C) | 25 |
| ETIM Class | EC002892 |
| Warranty | 5 years |

OPTICAL DATA

| | |
|-----------------------------------|---------------|
| Fixture luminous flux (lm) | 4, 200 |
| Luminaire efficacy (lm/W) | 115 |
| Correlated colour temperature (k) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 90 |
| Colour Variation Initial (SDCM) | 3 |
| Luminous Intensity (cd) | 2200 |
| Beam Angle (°) | 87 |
| Distribution type | Symmetric |
| Glare control | < 19 |
| Photobiological Risk Group | RG1 |
| Luminous flux (emergency) (lm) | 345 |
| Emergency duration (h) | 3 |

ELECTRICAL DATA

| | |
|--|-----------------------------|
| Total power consumption (W) | 36.5 |
| Primary Supply/Product voltage - min (V) | 240.0 |
| Primary Supply/Product voltage - max (V) | 220.0 |
| Lamp power factor | 0.98 |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 10 |
| Electrical protection | Class I |
| Control gear required | No |
| Control gear type | LED driver constant current |
| Dimmable | Yes |

Concord

OFFICELYTE 600 4000K C90 HO DALI EMPRO 2069537

| | |
|--|---------|
| Dimming method | DALI-2 |
| Inrush Current (A) | 10 |
| Inrush Duration (µs) | 50 |
| Glow Wire Test (°C) | 850 |
| Energy Efficiency Class (A->G) of contained light source | C |
| Nominal Frequency (Hz) | 50/60Hz |
| Max. products per 10A C Breaker | 21 |
| Max. products per 16A C Breaker | 35 |
| Max. products per 16A B Breaker | 21 |
| Connectable conductor cross section - Max (mm ²) | 2.5 |

LIFETIME DATA

| | |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L80 B50 | 93000 |

PHYSICAL DATA

| | |
|-----------------------------|----------------------------------|
| Housing colour | RAL 9016 - Traffic white / Bezel |
| IP rating | IP20 |
| IK rating | IK03 |
| Diffuser finish | Prismatic |
| Diffuser material | PC Polycarbonate |
| Nominal Product Length (mm) | 595 |
| Nominal Product Width (mm) | 595 |
| Nominal Product Height (mm) | 90 |
| Weight (kg) | 5.7 |

PACKAGING

| | |
|---------------------------------------|----------------|
| Product EAN number | 5025768695379 |
| Packaging single length / height (cm) | 67.0 |
| Packaging single width (cm) | 10.0 |
| Packaging single depth (cm) | 61.5 |
| DUN14 (outer) | 05025768695379 |

Concord

OFFICELYTE 600 4000K C90 HO DALI EMPRO 2069537

| | |
|--------------------------------------|------|
| Units per outer package | 1 |
| Packaging outer length / height (cm) | 67.0 |
| Packaging outer width (cm) | 10.0 |
| Packaging outer depth (cm) | 61.0 |

SAFETY DATA

| | |
|-------------------------------------|------|
| Optimal operating condition (°C) | 5-35 |
| Special purpose lamp | No |
| Dry applications use only | No |
| Suitable for household illumination | No |