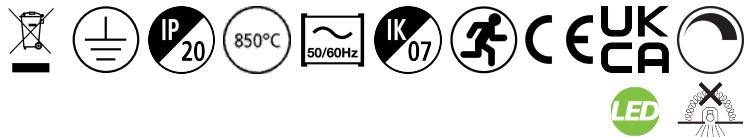


Concord

OPTIX LINEAR RECESSED 1200 4000K ALU DALI EM 2023786



Features

• OPTIX LINEAR RECESSED 1200 4000K ALU DALI EM is a high efficacy low glare linear luminaire for office and education applications. Suitable for continuous light line installations with accessories separately available. Ceiling recessed 1169x95x90 mm. Aluminised plastic extra low glare optics in a single line configuration. White RAL9016 fixture body. DALI dimmable. 3hr maintained emergency version. 4000K Neutral White LED, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 3400lm. Power consumption 26.5W. Luminaire efficacy 128lm/W. Lifespan: 48,500 hours L90B10. UGR<19, Luminance at 65°<200 Cd/m², IK07, IP20. Ultra Low Flicker: <5% Photobiological safety risk group 1. Electrical protection Class I. Glow wire test 850°C. Suitable for use with Linect quick connection systems.

Product Overview

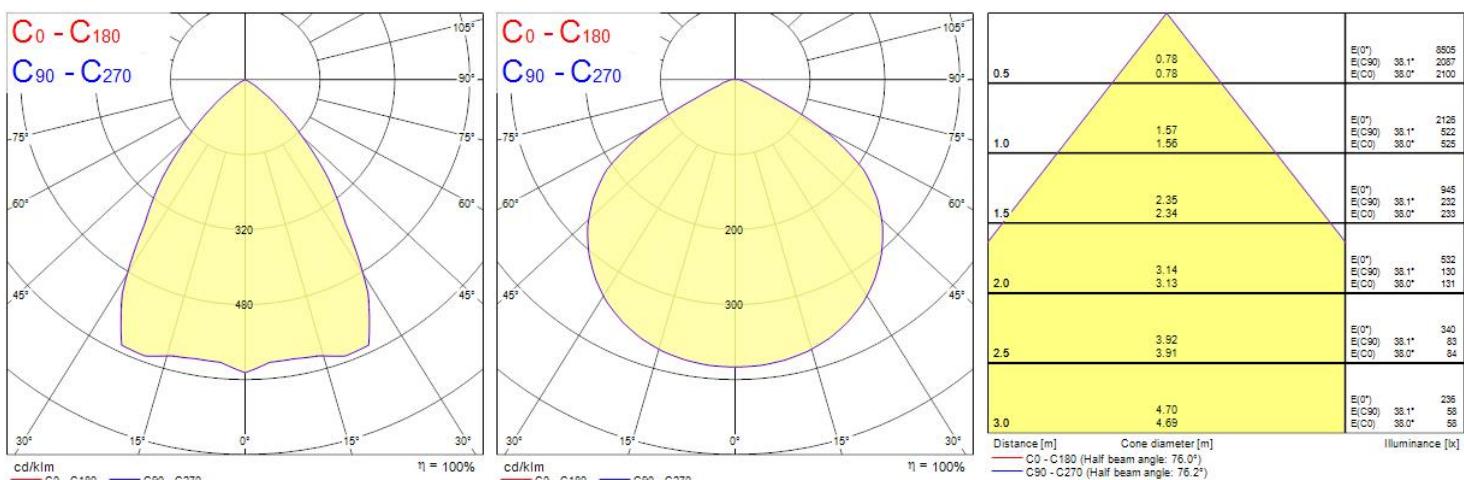
| | |
|--|--|
| Product name | OPTIX LINEAR RECESSED 1200 4000K ALU DALI EM |
| Technology | LED (3 SDCM) |
| Cap/Base | N/A |
| Housing | Steel |
| Mount | Ceiling recessed mounting |
| Fixture rating | Enclosed |
| General application | Education, Office |
| ETIM Class | EC002892 |
| Fixture luminous flux (lm) | 3400 |
| Luminaire efficacy (lm/W) | 128 |
| Correlated colour temperature (k) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |

Concord

OPTIX LINEAR RECESSED 1200 4000K ALU DALI EM 2023786

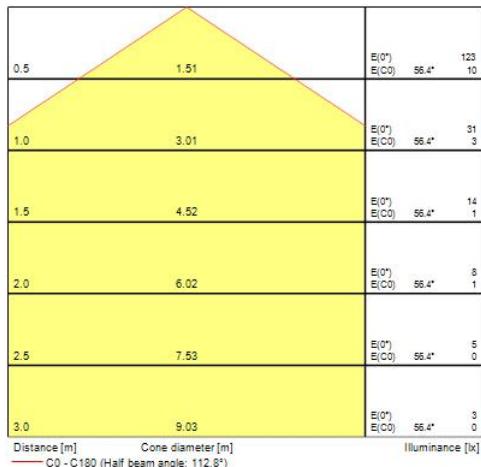
| | |
|---------------------------------|-----------------------------|
| Colour Variation Initial (SDCM) | 3 |
| Glare control | < 19 |
| Photobiological Risk Group | RG1 |
| Luminous flux (emergency) (lm) | 80 |
| Total power consumption (W) | 26.5 |
| Electrical protection | Class I |
| Control gear type | LED driver constant current |
| Dimmable | Yes |
| LED Flickering Rate | Ultra low (5% or less) |
| Housing colour | RAL9016 |
| IP rating | IP20 |
| IK rating | IK07 |
| Product EAN number | 5025768237869 |
| Warranty | 5 years |
| Dimming method | DALI |

Photometry

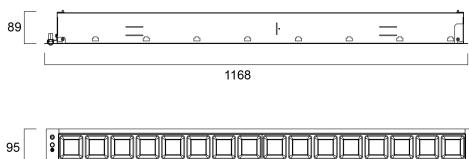


Concord

OPTIX LINEAR RECESSED 1200 4000K ALU DALI EM 2023786



Technical drawings



Data table

GENERAL DATA

| | |
|----------------------------------|--|
| Product name | OPTIX LINEAR RECESSED 1200 4000K ALU DALI EM |
| Technology | LED (3 SDCM) |
| Cap/Base | N/A |
| Housing | Steel |
| Mount | Ceiling recessed mounting |
| Fixture rating | Enclosed |
| General application | Education, Office |
| Operating temperature range (°C) | 10°C...+25°C |

Concord

OPTIX LINEAR RECESSED 1200 4000K ALU DALI EM 2023786

| | |
|--|----------|
| Performance ambient temperature Tq (°C) | 25 |
| ETIM Class | EC002892 |
| Warranty | 5 years |

OPTICAL DATA

| | |
|-----------------------------------|---------------|
| Fixture luminous flux (lm) | 3400 |
| Luminaire efficacy (lm/W) | 128 |
| Correlated colour temperature (k) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | 3 |
| Distribution type | Symmetric |
| Glare control | < 19 |
| Photobiological Risk Group | RG1 |
| Luminous flux (emergency) (lm) | 80 |
| Emergency duration (h) | 3 |

ELECTRICAL DATA

| | |
|---|-----------------------------|
| Total power consumption (W) | 26.5 |
| 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 |
| Drive current (mA) | 250 |
| Inrush Current (A) | 29 |
| Inrush Duration (μs) | 180 |

Concord

OPTIX LINEAR RECESSED 1200 4000K ALU DALI EM 2023786

| | |
|--|------------------------|
| 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) | 2.5 |
| Connectable conductor cross section - Max (mm ²) | 2.5 |

LIFETIME DATA

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

PHYSICAL DATA

| | |
|-----------------------------|------------------|
| Housing colour | RAL9016 |
| IP rating | IP20 |
| IK rating | IK07 |
| Diffuser finish | Matt/satinized |
| Diffuser material | PC Polycarbonate |
| Nominal Product Length (mm) | 1169 |
| Nominal Product Width (mm) | 95 |
| Nominal Product Height (mm) | 90 |
| Weight (kg) | 3.15 |

PACKAGING

Concord

OPTIX LINEAR RECESSED 1200 4000K ALU DALI EM 2023786

| | |
|---------------------------------------|----------------|
| Product EAN number | 5025768237869 |
| Packaging single length / height (cm) | 119.0 |
| Packaging single width (cm) | 10.0 |
| Packaging single depth (cm) | 11.0 |
| DUN14 (inner) | 05025768237869 |
| Units per outer package | 1 |
| Packaging outer length / height (cm) | 119.0 |
| Packaging outer width (cm) | 10.0 |
| Packaging outer depth (cm) | 11.0 |

SAFETY DATA

| | |
|-------------------------------------|-------|
| Glow Wire Test (°C) | 850 |
| Optimal operating condition (°C) | 10-25 |
| Special purpose lamp | No |
| Dry applications use only | No |
| Suitable for household illumination | No |