



### Features

• OPTIX LINEAR SURFACE 1200 D/I 4000K C9 ALU DALI is a high efficacy low glare linear luminaire for office and education applications. Suitable for continuous light line installations with accessories separately available. Direct / Indirect lighting with 80% downlight and 20% uplight ratio for ceiling suspended mounting. Size: 1129x90x80mm. Aluminised plastic extra low glare optics in a single line configuration. White RAL9016 fixture body. DALI dimmable. 4000K Neutral White LED, CRI>90, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 4100lm. Power consumption 33W. Luminaire efficacy 124lm/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.

### Product Overview

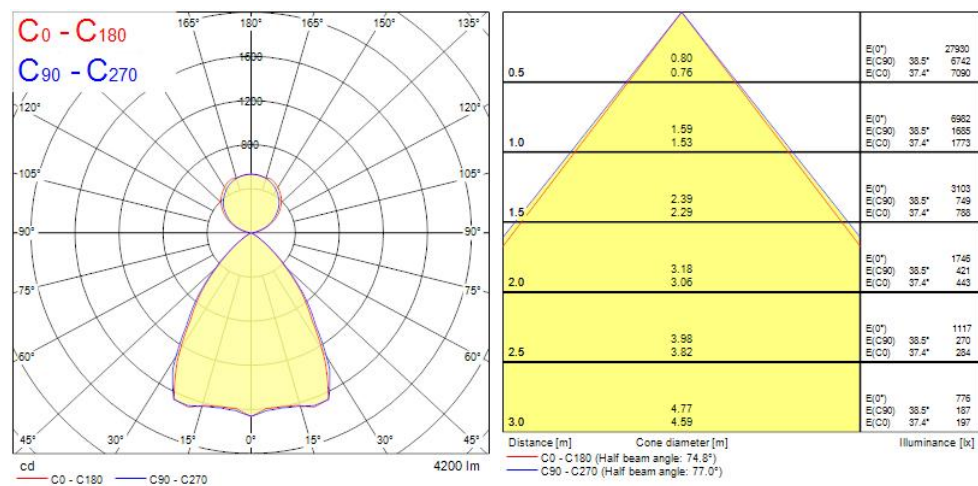
|                                 |                                                 |
|---------------------------------|-------------------------------------------------|
| Product name                    | OPTIX LINEAR SURFACE 1200 D/I 4000K C9 ALU DALI |
| Technology                      | LED (3 SDCM)                                    |
| Cap/Base                        | N/A                                             |
| Housing                         | Steel                                           |
| Mount                           | Suspended                                       |
| Fixture rating                  | Enclosed                                        |
| Fixture luminous flux (lm)      | 4100                                            |
| Luminaire efficacy (lm/W)       | 124                                             |
| Colour temperature (K)          | 4000                                            |
| Light colour                    | Neutral White                                   |
| CRI (Ra)                        | 90                                              |
| Colour Variation Initial (SDCM) | 3                                               |
| Glare control                   | < 16                                            |
| Photobiological Risk Group      | RG1                                             |

# Concord

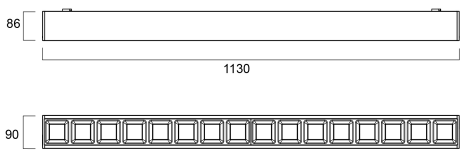
## OPTIX LINEAR SURFACE 1200 D/I 4000K C9 ALU DALI 2023817

|                             |                                  |
|-----------------------------|----------------------------------|
| Total power consumption (W) | 33                               |
| Electrical protection       | Class I                          |
| Control gear type           | LED driver constant current      |
| LED Flickering Rate         | Ultra low (5% or less)           |
| Housing colour              | RAL 9016 - Traffic white / Bezel |
| IP rating                   | IP20                             |
| IK rating                   | IK07                             |
| Product EAN number          | 5025768238170                    |
| Warranty                    | 5 years                          |

### Photometry



### Technical drawings



### Data table

# Concord

## OPTIX LINEAR SURFACE 1200 D/I 4000K C9 ALU DALI

### 2023817

#### GENERAL DATA

|                                         |                                                 |
|-----------------------------------------|-------------------------------------------------|
| Product name                            | OPTIX LINEAR SURFACE 1200 D/I 4000K C9 ALU DALI |
| Technology                              | LED (3 SDCM)                                    |
| Cap/Base                                | N/A                                             |
| Housing                                 | Steel                                           |
| Mount                                   | Suspended                                       |
| Fixture rating                          | Enclosed                                        |
| Performance ambient temperature Tq (°C) | 25                                              |
| Warranty                                | 5 years                                         |

#### OPTICAL DATA

|                                 |               |
|---------------------------------|---------------|
| Fixture luminous flux (lm)      | 4100          |
| Luminaire efficacy (lm/W)       | 124           |
| Colour temperature (K)          | 4000          |
| Light colour                    | Neutral White |
| CRI (Ra)                        | 90            |
| Colour Variation Initial (SDCM) | 3             |
| Glare control                   | < 16          |
| Photobiological Risk Group      | RG1           |

#### ELECTRICAL DATA

|                                          |                             |
|------------------------------------------|-----------------------------|
| Total power consumption (W)              | 33                          |
| Primary Supply/Product voltage - min (V) | 198.0                       |
| Lamp power factor                        | 0.98                        |
| Electrical protection                    | Class I                     |
| Control gear required                    | No                          |
| Control gear type                        | LED driver constant current |
| Drive current (mA)                       | 225                         |
| Inrush Current (A)                       | 29                          |
| Inrush Duration (µs)                     | 180                         |

## OPTIX LINEAR SURFACE 1200 D/I 4000K C9 ALU DALI 2023817

|                                                          |                                |
|----------------------------------------------------------|--------------------------------|
| Energy Efficiency Class (A->G) of contained light source | D, C(more than 1 Light Source) |
| Nominal Frequency (Hz)                                   | 50/60Hz                        |
| LED Flickering Rate                                      | Ultra low (5% or less)         |
| Max. products per 10A C Breaker                          | 21                             |
| Max. products per 20A B Breaker                          | 27                             |
| Connectable conductor cross section - Min (mm²)          | 2.5                            |
| Connectable conductor cross section - Max (mm²)          | 2.5                            |

### 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                 |
| Nominal Product Length (mm) | 1129                             |
| Nominal Product Width (mm)  | 90                               |
| Weight (kg)                 | 3.5                              |

### PACKAGING

|                                      |                |
|--------------------------------------|----------------|
| Single packaging type                | Carton         |
| Product EAN number                   | 5025768238170  |
| Packaging single width (cm)          | 10.0           |
| Packaging single depth (cm)          | 11.0           |
| DUN14 (outer)                        | 05025768238170 |
| Packaging outer length / height (cm) | 119.0          |

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2023817

## SAFETY DATA

|                                     |    |
|-------------------------------------|----|
| Special purpose lamp                | No |
| Dry applications use only           | No |
| Suitable for household illumination | No |