

## OPTIX LINEAR SURFACE 1200 4000K C9 ALU DALI 2023806



### Features

• OPTIX LINEAR SURFACE 1200 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. Surface and 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 3100lm. Power consumption 27W. Luminaire efficacy 115lm/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.

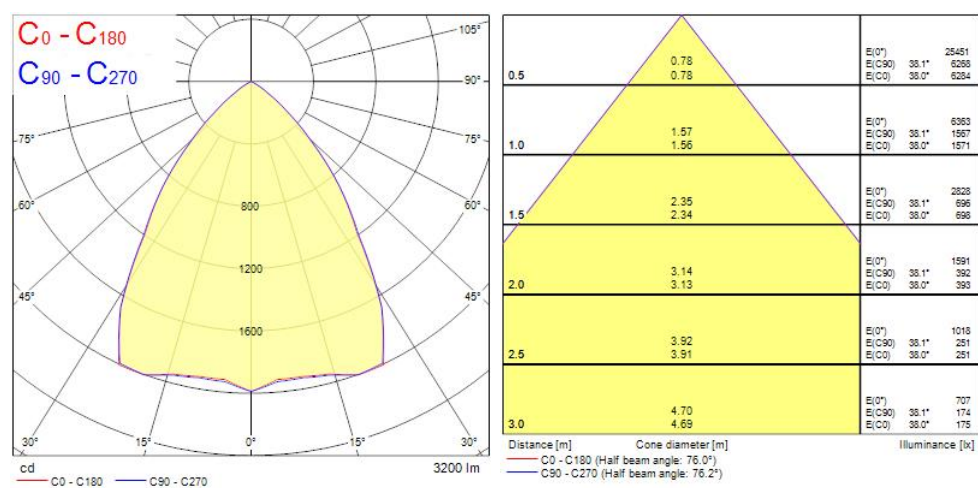
### Product Overview

|                                   |                                             |
|-----------------------------------|---------------------------------------------|
| Product name                      | OPTIX LINEAR SURFACE 1200 4000K C9 ALU DALI |
| Technology                        | LED (3 SDCM)                                |
| Cap/Base                          | N/A                                         |
| Housing                           | Steel                                       |
| Mount                             | Ceiling surface mounting                    |
| Fixture rating                    | Enclosed                                    |
| General application               | Education, Office                           |
| ETIM Class                        | EC002892                                    |
| Fixture luminous flux (lm)        | 3100                                        |
| Luminaire efficacy (lm/W)         | 115                                         |
| Correlated colour temperature (k) | 4000                                        |
| Light colour                      | Neutral White                               |
| CRI (Ra)                          | 90                                          |
| Colour Variation Initial (SDCM)   | 3                                           |
| Glare control                     | < 19                                        |
| Photobiological Risk Group        | RG1                                         |

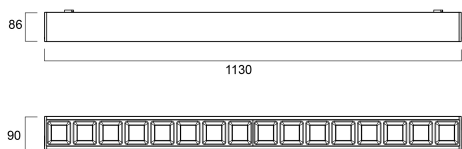
OPTIX LINEAR SURFACE 1200 4000K C9 ALU DALI  
2023806

|                             |                             |
|-----------------------------|-----------------------------|
| Total power consumption (W) | 27                          |
| 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          | 5025768238064               |
| Warranty                    | 5 years                     |
| Dimming method              | DALI                        |

Photometry



Technical drawings



### Data table

#### GENERAL DATA

|                                         |                                             |
|-----------------------------------------|---------------------------------------------|
| Product name                            | OPTIX LINEAR SURFACE 1200 4000K C9 ALU DALI |
| Technology                              | LED (3 SDCM)                                |
| Cap/Base                                | N/A                                         |
| Housing                                 | Steel                                       |
| Mount                                   | Ceiling surface mounting                    |
| Fixture rating                          | Enclosed                                    |
| General application                     | Education, Office                           |
| Performance ambient temperature Tq (°C) | 25                                          |
| ETIM Class                              | EC002892                                    |
| Warranty                                | 5 years                                     |

#### OPTICAL DATA

|                                   |               |
|-----------------------------------|---------------|
| Fixture luminous flux (lm)        | 3100          |
| Luminaire efficacy (lm/W)         | 115           |
| Correlated colour temperature (k) | 4000          |
| Light colour                      | Neutral White |
| CRI (Ra)                          | 90            |
| Colour Variation Initial (SDCM)   | 3             |
| Glare control                     | < 19          |
| Photobiological Risk Group        | RG1           |

#### ELECTRICAL DATA

|                                                                  |      |
|------------------------------------------------------------------|------|
| Total power consumption (W)                                      | 27   |
| 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    |

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|                                                          |                             |
|----------------------------------------------------------|-----------------------------|
| Electrical protection                                    | Class I                     |
| Control gear required                                    | No                          |
| Control gear type                                        | LED driver constant current |
| Dimmable                                                 | Yes                         |
| Dimming method                                           | DALI                        |
| Drive current (mA)                                       | 275                         |
| Inrush Current (A)                                       | 29                          |
| Inrush Duration (µs)                                     | 180                         |
| Energy Efficiency Class (A->G) of contained light source | D                           |
| 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 (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 | RAL9016 |
| IP rating      | IP20    |
| IK rating      | IK07    |

## OPTIX LINEAR SURFACE 1200 4000K C9 ALU DALI 2023806

|                             |                  |
|-----------------------------|------------------|
| Diffuser finish             | Matt/satinized   |
| Diffuser material           | PC Polycarbonate |
| Nominal Product Length (mm) | 1129             |
| Nominal Product Width (mm)  | 90               |
| Nominal Product Height (mm) | 80               |
| Weight (kg)                 | 3.25             |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5025768238064  |
| Packaging single length / height (cm) | 119.0          |
| Packaging single width (cm)           | 10.0           |
| Packaging single depth (cm)           | 11.0           |
| DUN14 (inner)                         | 05025768238064 |
| 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

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