

### Features

- OPTIX LINEAR SURFACE 1200 D/I 4000K ALU SSC 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. SylSmart Standalone capable. 4000K Neutral White LED, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 4500lm. Power consumption 30W. Luminaire efficacy 150lm/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.

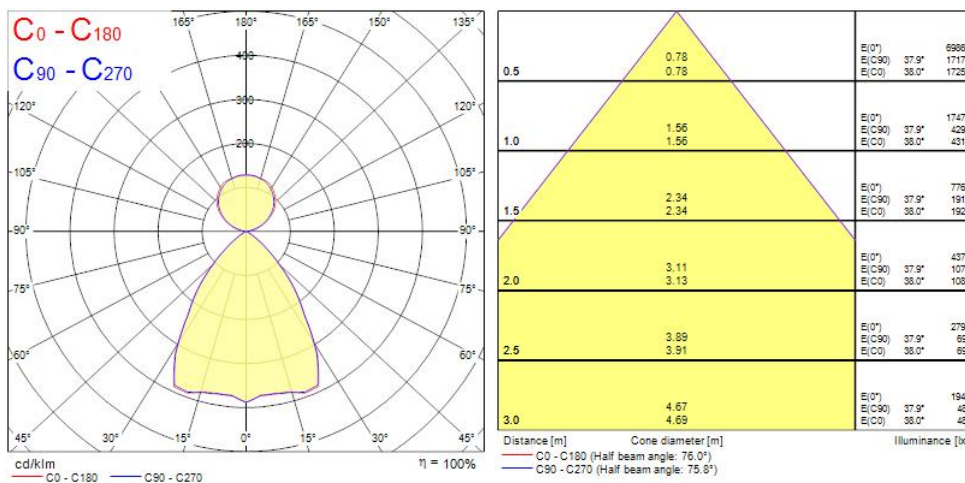
### Product Overview

|                                   |                                             |
|-----------------------------------|---------------------------------------------|
| Product name                      | OPTIX LINEAR SURFACE 1200 D/I 4000K ALU SSC |
| Technology                        | LED (3 SDCM)                                |
| Cap/Base                          | N/A                                         |
| Housing                           | Steel                                       |
| Mount                             | Suspended                                   |
| Fixture rating                    | Enclosed                                    |
| General application               | Education, Office                           |
| ETIM Class                        | EC002892                                    |
| Fixture luminous flux (lm)        | 4500                                        |
| Luminaire efficacy (lm/W)         | 150                                         |
| Correlated colour temperature (k) | 4000                                        |
| Light colour                      | Neutral White                               |
| CRI (Ra)                          | 80                                          |
| Colour Variation Initial (SDCM)   | 3                                           |

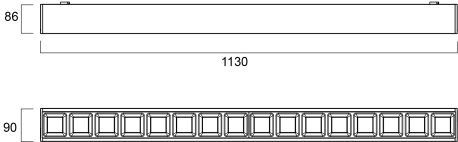
## OPTIX LINEAR SURFACE 1200 D/I 4000K ALU SSC 2023815

|                             |                             |
|-----------------------------|-----------------------------|
| Glare control               | < 16                        |
| Photobiological Risk Group  | RG1                         |
| Total power consumption (W) | 30                          |
| 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          | 5025768238156               |
| Warranty                    | 5 years                     |
| Dimming method              | SylSmart SSC                |

### Photometry



### Technical drawings



### Data table

#### GENERAL DATA

|                                         |                                             |
|-----------------------------------------|---------------------------------------------|
| Product name                            | OPTIX LINEAR SURFACE 1200 D/I 4000K ALU SSC |
| Technology                              | LED (3 SDCM)                                |
| Cap/Base                                | N/A                                         |
| Housing                                 | Steel                                       |
| Mount                                   | Suspended                                   |
| Fixture rating                          | Enclosed                                    |
| General application                     | Education, Office                           |
| Operating temperature range (°C)        | 10°C...+25°C                                |
| Performance ambient temperature Tq (°C) | 25                                          |
| ETIM Class                              | EC002892                                    |
| Warranty                                | 5 years                                     |

#### OPTICAL DATA

|                                   |               |
|-----------------------------------|---------------|
| Fixture luminous flux (lm)        | 4500          |
| Luminaire efficacy (lm/W)         | 150           |
| Correlated colour temperature (k) | 4000          |
| Light colour                      | Neutral White |
| CRI (Ra)                          | 80            |
| Colour Variation Initial (SDCM)   | 3             |

## OPTIX LINEAR SURFACE 1200 D/I 4000K ALU SSC 2023815

|                            |           |
|----------------------------|-----------|
| Distribution type          | Symmetric |
| Glare control              | < 16      |
| Photobiological Risk Group | RG1       |

### ELECTRICAL DATA

|                                                                  |                                |
|------------------------------------------------------------------|--------------------------------|
| Total power consumption (W)                                      | 30                             |
| 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                                                   | SylSmart SSC                   |
| Drive current (mA)                                               | 200                            |
| Inrush Current (A)                                               | 29                             |
| Inrush Duration (µs)                                             | 180                            |
| Energy Efficiency Class (A->G) of contained light source         | C, 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 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                            |

## OPTIX LINEAR SURFACE 1200 D/I 4000K ALU SSC 2023815

### 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) | 1129             |
| Nominal Product Width (mm)  | 90               |
| Nominal Product Height (mm) | 80               |
| Weight (kg)                 | 3.55             |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5025768238156  |
| Packaging single length / height (cm) | 119.0          |
| Packaging single width (cm)           | 10.0           |
| Packaging single depth (cm)           | 11.0           |
| DUN14 (inner)                         | 05025768238156 |
| 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    |

# Concord

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**2023815**

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