

Optix Linear Surface 1200 Direct-Indirect SylSmart  
OPTIX LINEAR SURFACE 1200 D/I LUMI 4K ALU SSC  
2023859



Product features

- OPTIX LINEAR SURFACE 1200 D/I LUMI 4000K ALU SSC is a suspended linear luminaire for office and education applications with Aluminised plastic extra low glare optics and RAL9016 colour fixture body. SylSmart Standalone enabled. 4000K Neutral White LED, chromaticity tolerance of 3-step MacAdam ellipse. For 4000K - Colour rendering index Ra >98; Melanopic Ratio MEER: 0.784; Fidelity Index R :93; Gamut Index R :98. For 4000K luminous flux: 4000lm. Power consumption: 37W. Luminaire efficacy: 108lm/W. UGR<16 Luminance at 65°<200 Cd/m2, IK07, IP20. Photobiological safety risk group 0. Electrical protection Class I. Glow wire test 850°C. 60,000hrs L80B20 lifespan.



PRODUCT OVERVIEW

|                                 |                                               |
|---------------------------------|-----------------------------------------------|
| Product name                    | OPTIX LINEAR SURFACE 1200 D/I LUMI 4K ALU SSC |
| Technology                      | LED LumiNature                                |
| Cap/Base                        | N/A                                           |
| Housing                         | Steel                                         |
| Mount                           | Suspended                                     |
| Fixture rating                  | Enclosed                                      |
| General application             | Education, Office                             |
| ETIM Class                      | EC002892                                      |
| Warranty                        | 5 years                                       |
| Fixture luminous flux (lm)      | 4020                                          |
| Luminaire efficacy (lm/W)       | 109                                           |
| Light colour                    | Neutral White                                 |
| CRI (Ra)                        | 98                                            |
| Colour Variation Initial (SDCM) | SDCM3                                         |
| Colour Consistency (SDCM)       | 3                                             |
| Glare control                   | < 16                                          |
| Photobiological Risk Group      | RG1                                           |
| Total power consumption (W)     | 37                                            |
| Electrical protection           | Class I                                       |
| Control gear type               | LED driver constant current                   |
| Dimmable                        | Yes                                           |
| Dimming method                  | SylSmart SSC                                  |
| Housing colour                  | RAL 9016 - Traffic white / Bezel              |
| IP rating                       | IP20                                          |
| IK rating                       | IK07                                          |
| Product EAN number              | 5025768238590                                 |

DATA TABLE

|              |                                               |
|--------------|-----------------------------------------------|
| General data |                                               |
| Product name | OPTIX LINEAR SURFACE 1200 D/I LUMI 4K ALU SSC |
| Technology   | LED LumiNature                                |

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|                                         |                   |
|-----------------------------------------|-------------------|
| 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)              | 4020          |
| Luminaire efficacy (lm/W)               | 109           |
| Correlated colour temperature range (K) | 2800 - 6200   |
| Light colour                            | Neutral White |
| CRI (Ra)                                | 98            |
| Colour Variation Initial (SDCM)         | SDCM3         |
| Colour Consistency (SDCM)               | 3             |
| Glare control                           | < 16          |
| Photobiological Risk Group              | RG1           |

### Electrical data

|                                                          |                                |
|----------------------------------------------------------|--------------------------------|
| Total power consumption (W)                              | 37                             |
| Primary Supply/Product voltage - min (V)                 | 198.0                          |
| Primary Supply/Product voltage - max (V)                 | 264.0                          |
| Lamp power factor                                        | 0.98                           |
| Electrical protection                                    | Class I                        |
| Control gear required                                    | No                             |
| Control gear type                                        | LED driver constant current    |
| Dimmable                                                 | Yes                            |
| Dimming method                                           | SylSmart SSC                   |
| Drive current (mA)                                       | 250                            |
| Inrush Current (A)                                       | 23                             |
| Inrush Duration (µs)                                     | 174                            |
| Glow Wire Test (°C)                                      | 850                            |
| Energy Efficiency Class (A->G) of contained light source | F, F(more than 1 Light Source) |
| Nominal Frequency (Hz)                                   | 50/60Hz                        |
| Max. products per 10A C Breaker                          | 18                             |
| Max. products per 13A C Breaker                          | 26                             |
| Max. products per 16A C Breaker                          | 28                             |
| Max. products per 20A C Breaker                          | 34                             |
| Max. products per 10A B Breaker                          | 9                              |
| Max. products per 13A B Breaker                          | 13                             |
| Max. products per 16A B Breaker                          | 14                             |
| Max. products per 20A B Breaker                          | 17                             |

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#### Lifetime data

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L80 B20 | 60000  |

#### 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                               |
| Nominal Product Height (mm) | 80                               |
| Weight (kg)                 | 3.5                              |

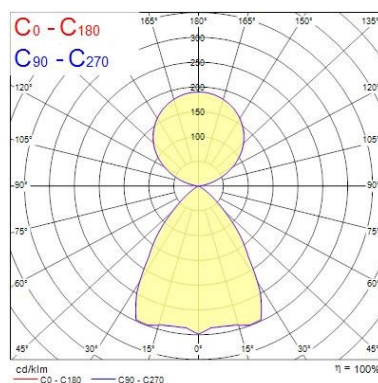
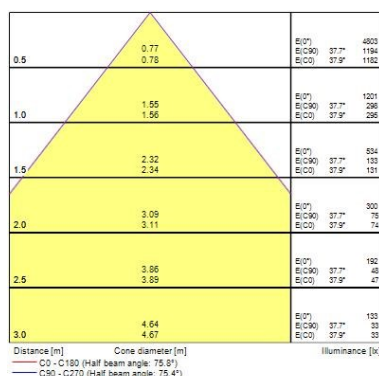
#### Packaging

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5025768238590  |
| Packaging single length / height (cm) | 119.0          |
| Packaging single width (cm)           | 10.0           |
| Packaging single depth (cm)           | 11.0           |
| DUN14 (outer)                         | 05025768238590 |
| 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

|                                  |       |
|----------------------------------|-------|
| Optimal operating condition (°C) | 10-25 |
|----------------------------------|-------|

## PHOTOMETRY



## TECHNICAL DRAWINGS

## Optix Linear Surface 1200 Direct-Indirect SylSmart

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