

### Features

• OPTIX SURFACE 1200x200 2 LINE 4000K ALU SSC is a high efficacy low glare luminaire for office and education applications. Suitable for surface and suspended mounting. Size: 1129x200x45mm. Aluminised plastic extra low glare optics in 2 lines configuration. White RAL9016 fixture body. SylSmart Standalone capable. 4000K Neutral White LED, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 3600lm. Power consumption 25.5W. Luminaire efficacy 141lm/W. Lifespan: 60,000 hours L90B10. UGR<16, Luminance at 65°<200 Cd/m2, IK07, IP20. Photobiological safety risk group 0. Electrical protection Class I. Glow wire test 850°C

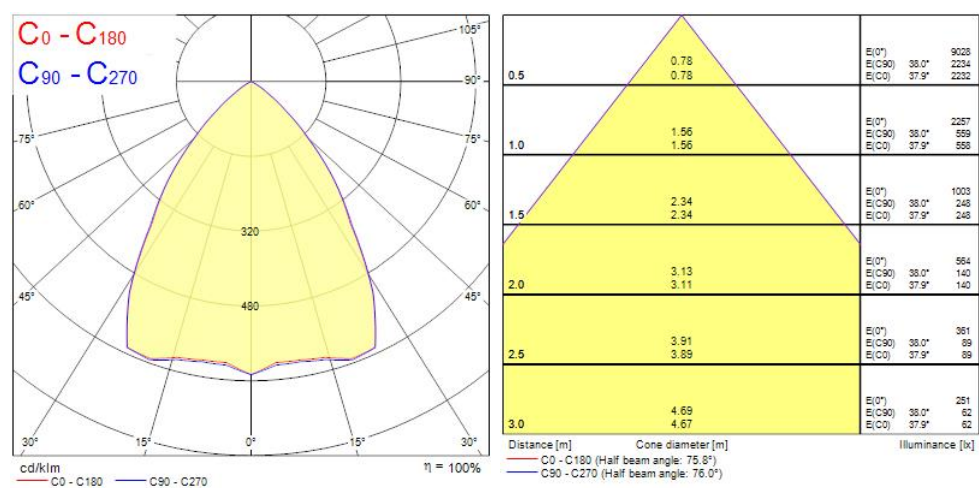
### Product Overview

|                                   |                                             |
|-----------------------------------|---------------------------------------------|
| Product name                      | OPTIX SURFACE 1200x200 2 LINE 4000K ALU SSC |
| 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)        | 3600                                        |
| Luminaire efficacy (lm/W)         | 141                                         |
| Correlated colour temperature (k) | 4000                                        |
| Light colour                      | Neutral White                               |
| CRI (Ra)                          | 80                                          |
| Colour Variation Initial (SDCM)   | 3                                           |
| Glare control                     | < 16                                        |
| Photobiological Risk Group        | RG0                                         |

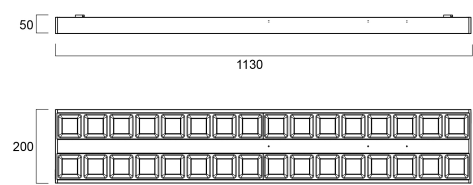
OPTIX SURFACE 1200x200 2 LINE 4000K ALU SSC  
2023709

|                             |                             |
|-----------------------------|-----------------------------|
| Total power consumption (W) | 25.5                        |
| 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          | 5025768237098               |
| Warranty                    | 5 years                     |
| Dimming method              | SylSmart SSC                |

Photometry



Technical drawings



### Data table

#### GENERAL DATA

|                                         |                                             |
|-----------------------------------------|---------------------------------------------|
| Product name                            | OPTIX SURFACE 1200x200 2 LINE 4000K ALU SSC |
| Technology                              | LED (3 SDCM)                                |
| Cap/Base                                | N/A                                         |
| Housing                                 | Steel                                       |
| Mount                                   | Ceiling surface mounting                    |
| 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)        | 3600          |
| Luminaire efficacy (lm/W)         | 141           |
| Correlated colour temperature (k) | 4000          |
| Light colour                      | Neutral White |
| CRI (Ra)                          | 80            |
| Colour Variation Initial (SDCM)   | 3             |
| Distribution type                 | Symmetric     |
| Glare control                     | < 16          |
| Photobiological Risk Group        | RG0           |

#### ELECTRICAL DATA

|                                          |      |
|------------------------------------------|------|
| Total power consumption (W)              | 25.5 |
| Primary Supply/Product voltage - min (V) | 220  |
| Primary Supply/Product voltage - max (V) | 240  |
| Lamp power factor                        | 0.98 |

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|                                                                       |                             |
|-----------------------------------------------------------------------|-----------------------------|
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ 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)                                                    | 250                         |
| Inrush Current (A)                                                    | 29                          |
| Inrush Duration ( $\mu$ s)                                            | 180                         |
| 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 <sup>2</sup> )          | 2.5                         |
| Connectable conductor cross section - Max (mm <sup>2</sup> )          | 2.5                         |

### LIFETIME DATA

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 120000 |
| Lifespan L80 B20 | 120000 |
| Lifespan L90 B10 | 60000  |

### PHYSICAL DATA

|                |         |
|----------------|---------|
| Housing colour | RAL9016 |
|----------------|---------|

## OPTIX SURFACE 1200x200 2 LINE 4000K ALU SSC 2023709

|                             |                  |
|-----------------------------|------------------|
| IP rating                   | IP20             |
| IK rating                   | IK07             |
| Diffuser finish             | Matt/satinized   |
| Diffuser material           | PC Polycarbonate |
| Nominal Product Length (mm) | 1129             |
| Nominal Product Width (mm)  | 200              |
| Nominal Product Height (mm) | 45               |
| Weight (kg)                 | 4.6              |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5025768237098  |
| Packaging single length / height (cm) | 117.0          |
| Packaging single width (cm)           | 22.5           |
| Packaging single depth (cm)           | 6.8            |
| DUN14 (inner)                         | 05025768237098 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 117.0          |
| Packaging outer width (cm)            | 22.5           |
| Packaging outer depth (cm)            | 6.8            |

### 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    |