



### Features

- OPTIX SURFACE 1200 ASYMMETRIC 4000K is a surface or wall mounted LED Linear luminaire with Asymmetric Aluminium Reflector, Asymmetric Light Distribution, Luminaire Dimensions: 1200x200x50mm, Sylvania White body colour, IP20, IK07, Constant Current, Low LED flicker (+/-5%), Warm White (3000K) LED Colour Temperature, 3480lm, 30W, 116lm/W efficacy, CRI>80, 3 SDCM (3-step MacAdam ellipse) LED Colour Consistency, lifespan: 58,000 hours L90B10.

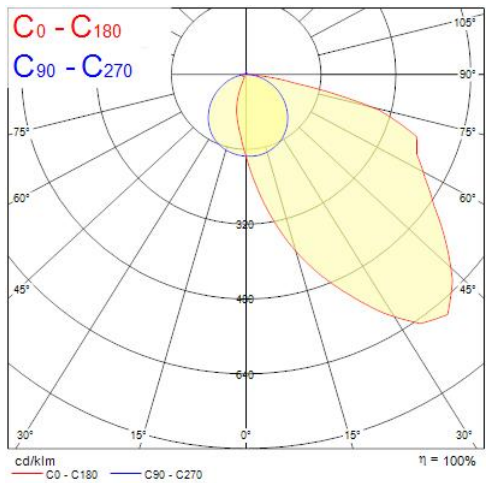
### Product Overview

|                                   |                                     |
|-----------------------------------|-------------------------------------|
| Product name                      | OPTIX SURFACE 1200 ASYMMETRIC 4000K |
| Technology                        | LED (3 SDCM)                        |
| Cap/Base                          | N/A                                 |
| Housing                           | Steel                               |
| Mount                             | Ceiling surface mounting            |
| General application               | Education, Office                   |
| ETIM Class                        | EC002892                            |
| E-number FI                       | 4262044                             |
| Fixture luminous flux (lm)        | 3480                                |
| Luminaire efficacy (lm/W)         | 116                                 |
| Correlated colour temperature (k) | 4000                                |
| Light colour                      | Neutral White                       |
| CRI (Ra)                          | 80                                  |
| Colour Variation Initial (SDCM)   | 3                                   |
| Photobiological Risk Group        | RG0                                 |
| Total power consumption (W)       | 30                                  |
| Electrical protection             | Class I                             |
| Control gear type                 | LED driver constant current         |
| Dimmable                          | No                                  |

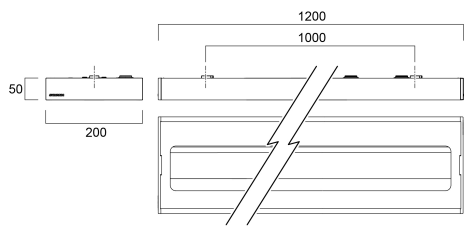
## OPTIX SURFACE 1200 ASYMMETRIC 4000K 2021679

|                     |                        |
|---------------------|------------------------|
| LED Flickering Rate | Ultra low (5% or less) |
| Housing colour      | RAL9016                |
| IP rating           | IP20                   |
| IK rating           | IK07                   |
| Product EAN number  | 5025768216796          |
| Warranty            | 5 years                |
| Dimming method      | N/A                    |

### Photometry



### Technical drawings



### Data table

#### GENERAL DATA

## OPTIX SURFACE 1200 ASYMMETRIC 4000K 2021679

|                                         |                                     |
|-----------------------------------------|-------------------------------------|
| Product name                            | OPTIX SURFACE 1200 ASYMMETRIC 4000K |
| Technology                              | LED (3 SDCM)                        |
| Cap/Base                                | N/A                                 |
| Housing                                 | Steel                               |
| Mount                                   | Ceiling surface mounting            |
| General application                     | Education, Office                   |
| Operating temperature range (°C)        | 10°C...+25°C                        |
| Performance ambient temperature Tq (°C) | 25                                  |
| ETIM Class                              | EC002892                            |
| E-number FI                             | 4262044                             |
| Warranty                                | 5 years                             |

### OPTICAL DATA

|                                   |               |
|-----------------------------------|---------------|
| Fixture luminous flux (lm)        | 3480          |
| Luminaire efficacy (lm/W)         | 116           |
| Correlated colour temperature (k) | 4000          |
| Light colour                      | Neutral White |
| CRI (Ra)                          | 80            |
| Colour Variation Initial (SDCM)   | 3             |
| Distribution type                 | Asymmetric    |
| Photobiological Risk Group        | RG0           |

### ELECTRICAL DATA

|                                                                  |                             |
|------------------------------------------------------------------|-----------------------------|
| Total power consumption (W)                                      | 30                          |
| Primary Supply/Product voltage - min (V)                         | 220                         |
| Primary Supply/Product voltage - max (V)                         | 240                         |
| Lamp power factor                                                | 0.95                        |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 20                          |
| Electrical protection                                            | Class I                     |
| Control gear required                                            | No                          |
| Control gear type                                                | LED driver constant current |
| Dimmable                                                         | No                          |

## OPTIX SURFACE 1200 ASYMMETRIC 4000K 2021679

|                                                          |                        |
|----------------------------------------------------------|------------------------|
| Dimming method                                           | N/A                    |
| Drive current (mA)                                       | 300                    |
| Inrush Current (A)                                       | 15                     |
| Inrush Duration (µs)                                     | 100                    |
| 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                          | 30                     |
| Max. products per 13A C Breaker                          | 39                     |
| Max. products per 16A C Breaker                          | 48                     |
| Max. products per 20A C Breaker                          | 60                     |
| Max. products per 10A B Breaker                          | 30                     |
| Max. products per 13A B Breaker                          | 39                     |
| Max. products per 16A B Breaker                          | 48                     |
| Max. products per 20A B Breaker                          | 60                     |
| Connectable conductor cross section - Max (mm²)          | 2.5                    |

### LIFETIME DATA

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L80 B20 | 100000 |
| Lifespan L90 B10 | 58000  |

### PHYSICAL DATA

|                             |                  |
|-----------------------------|------------------|
| Housing colour              | RAL9016          |
| IP rating                   | IP20             |
| IK rating                   | IK07             |
| Diffuser finish             | Other            |
| Diffuser material           | PC Polycarbonate |
| Nominal Product Length (mm) | 1200             |
| Nominal Product Width (mm)  | 200              |
| Nominal Product Height (mm) | 50               |
| Weight (kg)                 | 3.8              |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5025768216796  |
| Packaging single length / height (cm) | 122.0          |
| Packaging single width (cm)           | 22.5           |
| Packaging single depth (cm)           | 6.8            |
| DUN14 (inner)                         | 05025768216796 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 122.0          |
| 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    |