

## Optix Surface 1200 Asymmetric

### OPTIX SURFACE 1200 ASYMMETRIC 4000K

#### 2021679



#### Product 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                             |
| Warranty                        | 5 years                             |
| Fixture luminous flux (lm)      | 3480                                |
| Luminous flux (lm)              | 3480                                |
| Luminaire efficacy (lm/W)       | 116                                 |
| Colour temperature (K)          | 4000                                |
| Light colour                    | Neutral White                       |
| CRI (Ra)                        | 80                                  |
| Colour Variation Initial (SDCM) | SDCM3                               |
| Photobiological Risk Group      | RG0                                 |
| Total power consumption (W)     | 30                                  |
| Electrical protection           | Class I                             |
| Control gear type               | LED driver constant current         |
| Dimmable                        | No                                  |
| Dimming method                  | N/A                                 |
| LED Flickering Rate             | Ultra low (5% or less)              |
| Housing colour                  | RAL 9016 - Traffic white / Bezel    |
| IP rating                       | IP20                                |
| IK rating                       | IK07                                |
| Product EAN number              | 5025768216796                       |

### DATA TABLE

#### General data

|              |                                     |
|--------------|-------------------------------------|
| Product name | OPTIX SURFACE 1200 ASYMMETRIC 4000K |
|--------------|-------------------------------------|

## Optix Surface 1200 Asymmetric

*OPTIX SURFACE 1200 ASYMMETRIC 4000K*

2021679

|                                         |                          |
|-----------------------------------------|--------------------------|
| 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          |
| Luminous flux (lm)              | 3480          |
| Luminaire efficacy (lm/W)       | 116           |
| Colour temperature (K)          | 4000          |
| Light colour                    | Neutral White |
| CRI (Ra)                        | 80            |
| Colour Variation Initial (SDCM) | SDCM3         |
| Distribution type               | Asymmetric    |
| Photobiological Risk Group      | RG0           |

### Electrical data

|                                                                |                             |
|----------------------------------------------------------------|-----------------------------|
| Total power consumption (W)                                    | 30                          |
| Mains voltage (V)                                              | 220-240V                    |
| 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 |
| Transformer required                                           | No                          |
| Dimmable                                                       | No                          |
| Dimming method                                                 | N/A                         |
| Drive current (mA)                                             | 300                         |
| Inrush Current (A)                                             | 15                          |
| Inrush Duration (µs)                                           | 100                         |
| Glow Wire Test (°C)                                            | 850                         |
| Energy Efficiency Class (A->G) of contained light source       | C                           |
| Nominal Frequency (Hz)                                         | 50/60Hz                     |
| LED Flickering Rate                                            | Ultra low (5% or less)      |
| Max. Luminaires per 10A C Breaker                              | 30                          |
| Max. Luminaires per 13A C Breaker                              | 39                          |
| Max. Luminaires per 16A C Breaker                              | 48                          |
| Max. Luminaires per 20A C Breaker                              | 60                          |
| Max. Luminaires per 10A B Breaker                              | 30                          |
| Max. Luminaires per 13A B Breaker                              | 39                          |
| Max. Luminaires per 16A B Breaker                              | 48                          |

## Optix Surface 1200 Asymmetric

*OPTIX SURFACE 1200 ASYMMETRIC 4000K*  
2021679

|                                   |    |
|-----------------------------------|----|
| Max. Luminaires per 20A B Breaker | 60 |
|-----------------------------------|----|

### Lifetime data

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

### Physical data

|                             |                                  |
|-----------------------------|----------------------------------|
| Housing colour              | RAL 9016 - Traffic white / Bezel |
| 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                              |

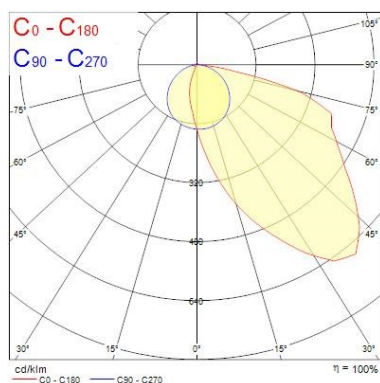
### Packaging

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5025768216796  |
| Packaging single length / height (cm) | 122.0          |
| Packaging single width (cm)           | 22.5           |
| Packaging single depth (cm)           | 6.8            |
| DUN14 (outer)                         | 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

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

## PHOTOMETRY



## Optix Surface 1200 Asymmetric

*OPTIX SURFACE 1200 ASYMMETRIC 4000K*  
2021679

### TECHNICAL DRAWINGS

---

