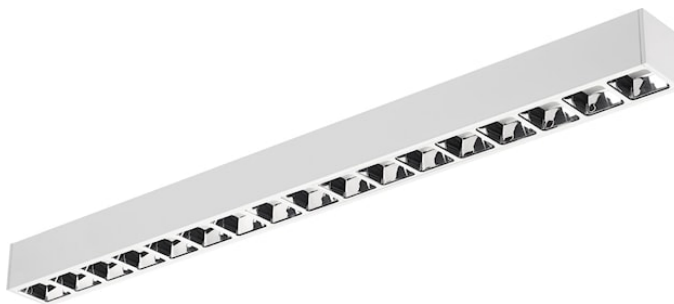
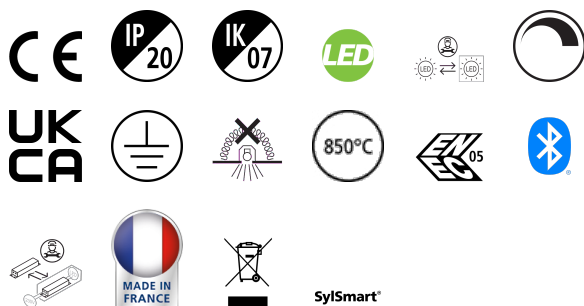


# OPTIX LINEAR SURFACE 1200 TW ALU SSC

Code article 2023825

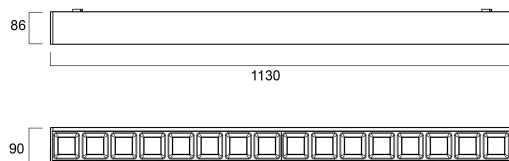
Concord



OPTIX LINEAR SURFACE 1200 TW 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. Surface and suspended mounting. Size: 1129x90x80mm. Aluminised plastic extra low glare optics in a single line configuration. White RAL9016 fixture body. SylSmart Standalone colour control and dimming. Tunable white colour 3000-6000K, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 2200lm. Power consumption 22W. Luminaire efficacy 100lm/W. Lifespan: 48,500 hours L90B10. UGR<19, Luminance at 65°<200 Cd/m<sup>2</sup>, IK07, IP20. Ultra Low Flicker: <5% Photobiological safety risk group 1. Electrical protection Class I. Glow wire test 850°C.

## Atouts techniques

### Dimensions (mm)

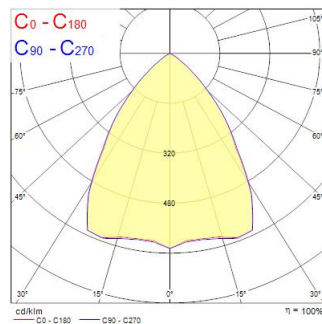


### Photométrie

| Distance [m] | Cone diameter [m] | Beam angle [°] | Beam diameter [m] | Beam area [m²] | Luminance [cd/m²] |
|--------------|-------------------|----------------|-------------------|----------------|-------------------|
| 0.5          | 0.78<br>0.78      | 50°<br>50°     | 0.78<br>0.78      | 0.47<br>0.47   | 1380<br>1380      |
| 1.0          | 1.56<br>1.56      | 50°<br>50°     | 1.56<br>1.56      | 2.34<br>2.34   | 591<br>591        |
| 1.5          | 2.34<br>2.34      | 50°<br>50°     | 2.34<br>2.34      | 3.51<br>3.51   | 394<br>394        |
| 2.0          | 3.12<br>3.12      | 50°<br>50°     | 3.12<br>3.12      | 4.78<br>4.78   | 260<br>260        |
| 2.5          | 3.91<br>3.91      | 50°<br>50°     | 3.91<br>3.91      | 5.97<br>5.97   | 184<br>184        |
| 3.0          | 4.69<br>4.69      | 50°<br>50°     | 4.69<br>4.69      | 6.97<br>6.97   | 103<br>103        |

Distance [m] Cone diameter [m]  
— C0 - C180 (half beam angle: 75.0°)  
— C90 - C270 (half beam angle: 75.0°)

Luminance [cd/m²]



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## Données générales

|                                         |                                      |
|-----------------------------------------|--------------------------------------|
| Nom du produit                          | OPTIX LINEAR SURFACE 1200 TW ALU SSC |
| Technologie                             | LED                                  |
| Cap/Base                                | N/A                                  |
| Housing                                 | Steel                                |
| Montage                                 | Ceiling surface mounting             |
| Built in presence detector              | NONE                                 |
| Fixture rating                          | Enclosed                             |
| General application                     | Office, Education, Retail            |
| Operating temperature range (°C)        | 10°C...+25°C                         |
| Performance ambient temperature Tq (°C) | 25                                   |
| Virtual assistant compatibility         | N/A                                  |
| ETIM Class                              | EC002892                             |
| Warranty                                | 5 ans                                |

## Données optiques

|                                 |                |
|---------------------------------|----------------|
| Fixture luminous flux (lm)      | 2200           |
| Luminaire efficacy (lm/W)       | 100            |
| Couleur de lumière              | Tuneable White |
| IRC (Ra)                        | 80             |
| Colour Variation Initial (SDCM) | SDCM3          |
| Distribution type               | Symmetric      |
| Glare control                   | < 16           |
| Photobiological Risk Group      | RG0            |

## Caractéristiques électriques

|                                                                  |                             |
|------------------------------------------------------------------|-----------------------------|
| Emergency type                                                   |                             |
| Consommation électrique totale (W)                               | 22                          |
| Primary Supply/Product voltage - min (V)                         | 220                         |
| Primary Supply/Product voltage - max (V)                         | 240                         |
| Lamp power factor                                                | 0.97                        |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 10                          |
| Electrical protection                                            | Class I                     |
| Control gear required                                            | No                          |
| Type d'appareillage                                              | LED driver constant current |
| Dimmable                                                         | Yes                         |
| Dimming method                                                   | SylSmart Standalone (SSC)   |
| Minimum dimming level (%)                                        | 1                           |
| Drive current (mA)                                               | 400                         |
| Courant d'appel (A)                                              | 29                          |
| Inrush Duration (µs)                                             | 180                         |
| Energy Efficiency Class (A->G) of contained light source         | D                           |
| 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)                  | 0.75                        |
| Connectable conductor cross section - Max (mm²)                  | 2.5                         |

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## Durée de vie

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 120000 |
| Lifespan L80 B20 | 107500 |
| Lifespan L90 B10 | 48500  |

## Données physiques

|                             |                                  |
|-----------------------------|----------------------------------|
| Housing colour              | RAL 9016 - Traffic white / Bezel |
| IP rating                   | IP20                             |
| IK rating                   | IK07                             |
| Diffuser finish             | Matt/satinized                   |
| Diffuser material           | PC Polycarbonate                 |
| Finition réflecteur         | High-gloss                       |
| Longueur (mm)               | 1129                             |
| Largeur (mm)                | 90                               |
| Nominal Product Height (mm) | 80                               |
| Poids (kg)                  | 3.3                              |

## Emballage

|                                      |                |
|--------------------------------------|----------------|
| Product EAN number                   | 5025768238255  |
| Longueur simple de l'emballage (cm)  | 119.0          |
| Largeur simple de l'emballage (cm)   | 10.0           |
| Packaging single depth (cm)          | 11.0           |
| DUN14 (inner)                        | 05025768238255 |
| Units per outer package              | 1              |
| Packaging outer length / height (cm) | 119.0          |
| Packaging outer width (cm)           | 10.0           |
| Packaging outer depth (cm)           | 11.0           |

## Sécurité

|                                           |       |
|-------------------------------------------|-------|
| Glow Wire Test (°C)                       | 850   |
| Condition de fonctionnement optimal (° C) | 10-25 |