

## START eco Panel Flat UGR19

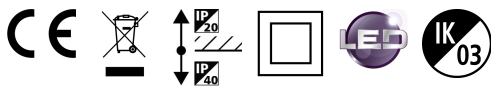
START eco Panel Flat UGR19 600x600 3000lm 840

0048359



### Product features

- Competitive, edge lit LED flat low glare panel (UGR<19). Low Flicker, 30 W, Neutral White, 4000 K, 3000 lumens, 100 lm/W, 30000 hours lifetime (L70), PMMA opal diffuser, aluminium frame, steel body, electronic non dimmable driver. (HxWxD) 8.5 x 595 x 595 mm



### PRODUCT OVERVIEW

|                                 |   |
|---------------------------------|---|
| IPC Code                        | 0048359                                       |
| Product name                    | START eco Panel Flat UGR19 600x600 3000lm 840 |
| Technology                      | LED   |
| General application             | Office, Education,                            |
| Certifications                  | EUNEW008                                      |
| ETIM Class                      | EC002892                                      |
| Fixture luminous flux (lm)      | 3000  |
| Luminaire efficacy (lm/W)       | 100   |
| Colour temperature (K)          | 4000  |
| CRI (Ra)                        | 80  |
| Colour Variation Initial (SDCM) | 6   |
| Glare control                   | 19  |
| Photobiological Risk Group      | 0   |
| Total power consumption (W)     | 30  |
| Electrical protection           | Class II                                      |
| LED Flickering Rate             | Ultra low (5% or less)                        |
| IP rating                       | IP40/20                                       |
| IK rating                       | IK03  |
| Product EAN number              | 5410288483597                                 |
| Lamps                           | Yes   |

### DATA TABLE

#### General data

|                     |   |
|---------------------|---|
| IPC Code            | 0048359                                       |
| Product name        | START eco Panel Flat UGR19 600x600 3000lm 840 |
| Technology          | LED   |
| General application | Office, Education,                            |
| Certifications      | EUNEW008                                      |
| ETIM Class          | EC002892                                      |

#### Optical data

|                            |      |
|----------------------------|------|
| Fixture luminous flux (lm) | 3000 |
| Luminaire efficacy (lm/W)  | 100  |

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|                                 |      |
|---------------------------------|------|
| Colour temperature (K)          | 4000 |
| CRI (Ra)                        | 80   |
| Colour Variation Initial (SDCM) | 6    |
| Glare control                   | 19   |
| Photobiological Risk Group      | 0    |

### Electrical data

|                             |                        |
|-----------------------------|------------------------|
| Total power consumption (W) | 30                     |
| Mains voltage (V)           | 220-240V~              |
| Electrical protection       | Class II               |
| Drive current (mA)          | 900                    |
| Inrush Current (A)          | 14                     |
| Inrush Duration (µs)        | 300                    |
| Nominal Frequency (Hz)      | 50/60Hz                |
| LED Flickering Rate         | Ultra low (5% or less) |

### Lifetime data

|                             |       |
|-----------------------------|-------|
| Lumen maintenance - L70 B50 | 30000 |
|-----------------------------|-------|

### Physical data

|                             |         |
|-----------------------------|---------|
| IP rating                   | IP40/20 |
| IK rating                   | IK03    |
| Nominal Product Length (mm) | 595     |
| Nominal Product Width (mm)  | 595     |
| Nominal Product Height (mm) | 8.5     |
| Weight (kg)                 | 2.5     |

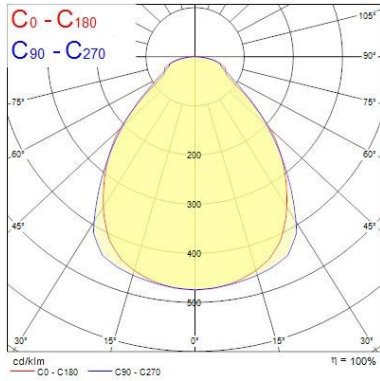
### Packaging

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288483597  |
| Packaging single length / height (cm) | 68.0           |
| Packaging single width (cm)           | 62.5           |
| Packaging single depth (cm)           | 3.8            |
| DUN14 (outer)                         | 15410288483594 |
| Units per outer package               | 52             |
| Packaging outer length / height (cm)  | 131.5          |
| Packaging outer width (cm)            | 71.5           |
| Packaging outer depth (cm)            | 108.0          |

## PHOTOMETRY

## START eco Panel Flat UGR19

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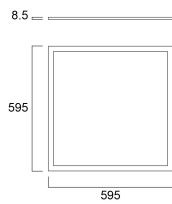


| Distance [m] | Cone diameter [m] | Beam diameter [m] | Beam diameter [ft] | Beam diameter [in] | Beam diameter [mm] |
|--------------|-------------------|-------------------|--------------------|--------------------|--------------------|
| 0.5          | 0.95<br>0.96      | 0.95<br>0.96      | 3.12<br>3.15       | 31.2<br>31.5       | 950<br>960         |
| 1.0          | 1.89<br>1.92      | 1.89<br>1.92      | 6.20<br>6.28       | 62.0<br>62.8       | 1824<br>1872       |
| 1.5          | 2.84<br>2.89      | 2.84<br>2.89      | 9.32<br>9.48       | 93.2<br>94.8       | 2832<br>2916       |
| 2.0          | 3.78<br>3.85      | 3.78<br>3.85      | 12.40<br>12.63     | 124.0<br>126.3     | 3780<br>3852       |
| 2.5          | 4.73<br>4.81      | 4.73<br>4.81      | 15.52<br>15.78     | 155.2<br>157.8     | 4734<br>4812       |
| 3.0          | 5.67<br>5.77      | 5.67<br>5.77      | 18.60<br>18.91     | 186.0<br>189.1     | 5670<br>5772       |

Distance [m]      Cone diameter [m]      Illuminance [lx]

— C0 - C180 (Half beam angle: 87.8°)  
— C90 - C270 (Half beam angle: 96.8°)

## TECHNICAL DRAWINGS





## START eco Panel Flat UGR19

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**SYLVANIA** 0048359


 This luminaire contains built in LED lamps.

 } **L  
E  
D**


The lamps cannot be changed in the luminaire.

874/2012 

 This luminaire contains built in LED lamps.

 } **L  
E  
D**

The lamps cannot be changed in the luminaire.

**SYLVANIA** 0048359  874/2012