

## Start Flat Panel LED UGR19

### START FLAT PANEL UGR19 600 3000K G2

#### 0047431



#### Product features

- Edge lit LED flat low glare panel (UGR<19). Low Flicker, 33 W, Warm White, 3000 K, 3300 lumens, 100 lm/W, 50000 hours lifetime (L70), PMMA opal diffuser, aluminium frame, steel body, electronic non dimmable driver. (HxWxD) 10.5 x 595 x 595 mm



## PRODUCT OVERVIEW

|                                 |                                        |
|---------------------------------|----------------------------------------|
| IPC Code                        | 0047431                                |
| Product name                    | START FLAT PANEL UGR19 600 3000K G2    |
| Technology                      | LED                                    |
| Housing                         | Aluminium                              |
| Mount                           | Ceiling recessed                       |
| Environment                     | Internal                               |
| General application             | Education, Hospitality, Office, Retail |
| Certifications                  | EUNEW008                               |
| ETIM Class                      | EC002892                               |
| E-number FI                     | 4274148                                |
| Fixture luminous flux (lm)      | 3300                                   |
| Luminaire efficacy (lm/W)       | 100                                    |
| Colour temperature (K)          | 3000                                   |
| Light colour                    | Warm White                             |
| CRI (Ra)                        | 80                                     |
| Colour Variation Initial (SDCM) | 3                                      |
| Glare control                   | <19                                    |
| Photobiological Risk Group      | RG0                                    |
| Total power consumption (W)     | 33                                     |
| Electrical protection           | Class II                               |
| Control gear type               | Electronic                             |
| Dimmable                        | No                                     |
| LED Flickering Rate             | Ultra low (5% or less)                 |
| Average life (Nominal) (h)      | 50000                                  |
| Housing colour                  | White                                  |
| IP rating                       | IP40/20                                |
| IK rating                       | IK03                                   |
| Product EAN number              | 5410288474311                          |
| Lamps                           | Yes                                    |
| Included lamp                   | INTEGRATED LED                         |

## DATA TABLE

## Start Flat Panel LED UGR19

*START FLAT PANEL UGR19 600 3000K G2*  
0047431

### General data

|                     |                                     |
|---------------------|-------------------------------------|
| IPC Code            | 0047431                             |
| Product name        | START FLAT PANEL UGR19 600 3000K G2 |
| Technology          | LED                                 |
| Housing             | Aluminium                           |
| Mount               | Ceiling recessed                    |
| Environment         | Internal                            |
| General application | Education,Hospitality,Office,Retail |
| Certifications      | EUNEW008                            |
| ETIM Class          | EC002892                            |
| E-number FI         | 4274148                             |

### Optical data

|                                 |            |
|---------------------------------|------------|
| Fixture luminous flux (lm)      | 3300       |
| Luminaire efficacy (lm/W)       | 100        |
| Colour temperature (K)          | 3000       |
| Light colour                    | Warm White |
| CRI (Ra)                        | 80         |
| Colour Variation Initial (SDCM) | 3          |
| Beam angle (Rated) (°)          | 90         |
| Glare control                   | <19        |
| Photobiological Risk Group      | RG0        |

### Electrical data

|                                   |                        |
|-----------------------------------|------------------------|
| Total power consumption (W)       | 33                     |
| Mains voltage (V)                 | 220-240V~              |
| Lamp power factor                 | 0.9                    |
| Electrical protection             | Class II               |
| Control gear type                 | Electronic             |
| Dimmable                          | No                     |
| Drive current (mA)                | 900                    |
| Inrush Current (A)                | 13                     |
| Inrush Duration (µs)              | 400                    |
| Glow Wire Test (°C)               | 650                    |
| Nominal Frequency (Hz)            | 50/60Hz                |
| LED Flickering Rate               | Ultra low (5% or less) |
| Max. Luminaires per 10A C Breaker | 25                     |

### Lifetime data

|                             |       |
|-----------------------------|-------|
| Lumen maintenance - L70 B50 | 50000 |
| Average life (Nominal) (h)  | 50000 |

### Physical data

|                             |         |
|-----------------------------|---------|
| Housing colour              | White   |
| IP rating                   | IP40/20 |
| IK rating                   | IK03    |
| Diffuser material           | PMMA    |
| Nominal Product Length (mm) | 595     |
| Nominal Product Width (mm)  | 595     |

**Start Flat Panel LED UGR19**  
*START FLAT PANEL UGR19 600 3000K G2*  
**0047431**

|                             |      |
|-----------------------------|------|
| Nominal Product Height (mm) | 10.5 |
| Weight (kg)                 | 3.11 |

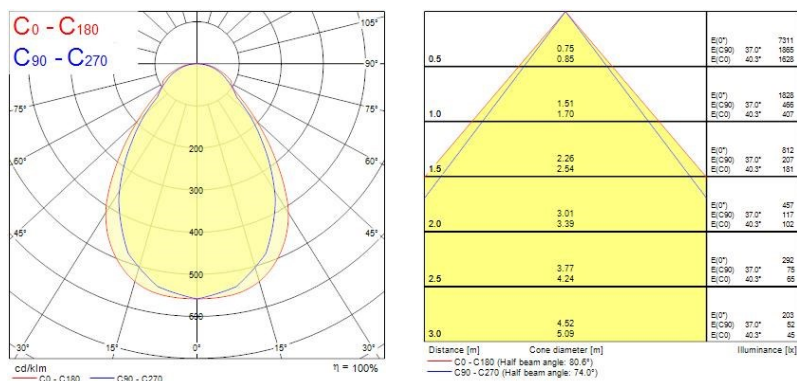
## Packaging

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288474311  |
| Packaging single length / height (cm) | 68.8           |
| Packaging single width (cm)           | 63.0           |
| Packaging single depth (cm)           | 3.8            |
| DUN14 (outer)                         | 15410288474318 |
| Units per outer package               | 2              |
| Packaging outer length / height (cm)  | 70.9           |
| Packaging outer width (cm)            | 65.3           |
| Packaging outer depth (cm)            | 10.6           |

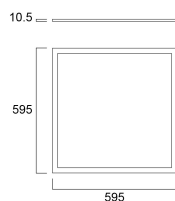
## Safety data

|                                  |        |
|----------------------------------|--------|
| Optimal operating condition (°C) | -10-40 |
|----------------------------------|--------|

## PHOTOMETRY



## TECHNICAL DRAWINGS



## Start Flat Panel LED UGR19

START FLAT PANEL UGR19 600 3000K G2

0047431

