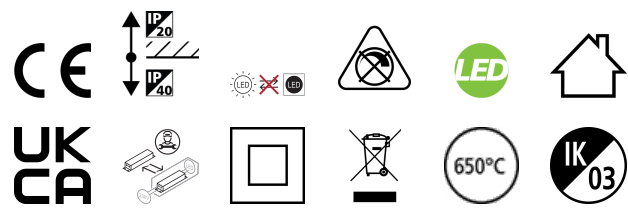


# START Panel UGR19 600x600 3600Lm 840 LILO

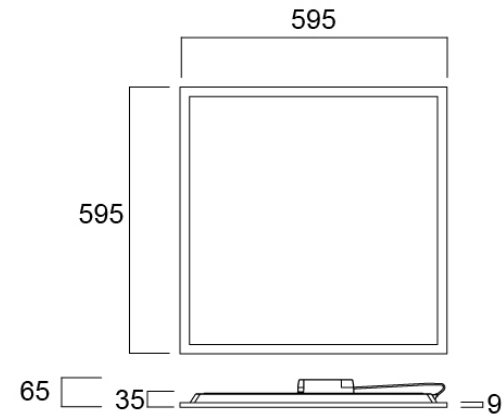
Item No: 0042184



START Panel is a range of backlit LED panels used in recessed ceilings. Ideal for general indoor applications such as corridors, breakrooms, offices and meeting rooms. Luminaire dimensions are compatible with common ceiling installation, and the shallow design makes it easy to install in low ceilings. 3600Lm; 36W; 100Lm/W; Drive current: 750mA; Average lifespan: 100.000Hrs; 4000K;CRI 80; Glare control <19; IK03; IP40 (from the front); SDCM<3; Class II; Loop in loop out connector for quick installation.

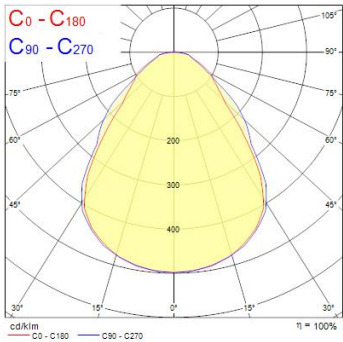
## Technical Assets

### Dimensions (mm)



### Photometrics

| Distance (m) | Cone diameter (m) | E(0°)        | E(C90)         | E(C180) |
|--------------|-------------------|--------------|----------------|---------|
| 0.5          | 0.52<br>0.34      | 7397<br>1473 | 42.7°<br>39.9° | 1076    |
| 1.0          | 1.05<br>1.67      | 1849<br>360  | 42.7°<br>39.9° | 419     |
| 1.5          | 2.77<br>2.51      | 822<br>164   | 42.7°<br>39.9° | 198     |
| 2.0          | 3.69<br>3.34      | 482<br>96    | 42.7°<br>39.9° | 105     |
| 2.5          | 4.51<br>4.16      | 296<br>89    | 42.7°<br>39.9° | 67      |
| 3.0          | 5.54<br>5.02      | 205<br>41    | 42.7°<br>39.9° | 47      |



# START Panel UGR19 600x600 3600Lm 840 LILO

Item No: 0042184



## General data

|                                         |                                                 |
|-----------------------------------------|-------------------------------------------------|
| Product name                            | START Panel UGR19<br>600x600 3600Lm 840<br>LILO |
| Technology                              | LED                                             |
| Housing                                 | Aluminium, Steel                                |
| Mount                                   | Ceiling recessed<br>mounting                    |
| General application                     | Education, Office                               |
| Operating temperature range (°C)        | -10°C...+45°C                                   |
| Performance ambient temperature Tq (°C) | 25                                              |
| ETIM Class                              | EC002892                                        |
| E-number FI                             | 4278355                                         |
| Warranty                                | 5 years                                         |

## Optical data

|                                   |               |
|-----------------------------------|---------------|
| Useful luminous flux (Φuse)       | 3600          |
| Fixture luminous flux (lm)        | 3600          |
| Luminaire efficacy (lm/W)         | 100           |
| Correlated colour temperature (k) | 4000          |
| Light colour                      | Neutral White |
| CRI (Ra)                          | 80            |
| Colour Variation Initial (SDCM)   | SDCM3         |
| Beam Angle (°)                    | 90            |
| Distribution type                 | Symmetric     |
| Glare control                     | < 19          |
| Photobiological Risk Group        | RG0           |

## Electrical data

|                                                                  |                                |
|------------------------------------------------------------------|--------------------------------|
| Total power consumption (W)                                      | 36                             |
| Primary Supply/Product voltage - min (V)                         | 220                            |
| Primary Supply/Product voltage - max (V)                         | 240                            |
| Lamp power factor                                                | 0.9                            |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 15.0                           |
| Electrical protection                                            | Class II                       |
| Control gear type                                                | LED driver constant<br>current |
| Dimmable                                                         | No                             |
| Dimming method                                                   | N/A                            |
| Drive current (mA)                                               | 750                            |
| Inrush Current (A)                                               | 13.2                           |
| Inrush Duration (µs)                                             | 240                            |
| Energy Efficiency Class (A->G) of contained light source         | E                              |
| Nominal Frequency (Hz)                                           | 50/60Hz                        |
| LED Flickering Rate                                              | Ultra low (5% or less)         |
| Max. products per 10A C Breaker                                  | 43                             |
| Max. products per 13A C Breaker                                  | 57                             |
| Max. products per 16A C Breaker                                  | 70                             |
| Max. products per 20A C Breaker                                  | 88                             |
| Max. products per 10A B Breaker                                  | 25                             |
| Max. products per 13A B Breaker                                  | 33                             |
| Max. products per 16A B Breaker                                  | 41                             |
| Max. products per 20A B Breaker                                  | 20                             |

## Lifetime data

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L80 B20 | 71000  |

# START Panel UGR19 600x600 3600Lm 840 LILO

Item No: 0042184



## Physical data

|                             |                         |
|-----------------------------|-------------------------|
| Housing colour              | RAL 9003 - Signal white |
| IP rating                   | IP40/20                 |
| IK rating                   | IK03                    |
| Diffuser finish             | Prismatic               |
| Diffuser material           | Other                   |
| Nominal Product Length (mm) | 595                     |
| Nominal Product Width (mm)  | 595                     |
| Nominal Product Height (mm) | 35                      |
| Weight (kg)                 | 1.948                   |

## Packaging

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288421841  |
| Packaging single length / height (cm) | 60.0           |
| Packaging single width (cm)           | 3.8            |
| Packaging single depth (cm)           | 64.5           |
| DUN14 (inner)                         | 15410288421848 |
| Units per outer package               | 4              |
| Packaging outer length / height (cm)  | 69.5           |
| Packaging outer width (cm)            | 17.5           |
| Packaging outer depth (cm)            | 65.0           |

## Safety data

|                                  |        |
|----------------------------------|--------|
| Glow Wire Test (°C)              | 650    |
| Optimal operating condition (°C) | -10-45 |