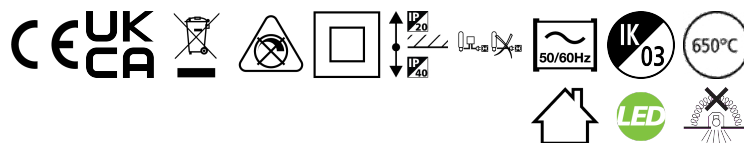


**START Panel UGR19 600x600 3600Lm 840 LILO**  
**0042825**



## Features

- LED Panel with backlit technology, ideal for general indoor lighting applications such as breakout areas, offices and meeting rooms. Extruded aluminium frame, passive cooling. Low glaring UGR<19. RG0, 90 degree beam angle , optical system: PS diffuser with Prismatic finish. Light color temperature: 4000K Neutral White, total system power: 36W , total fixture output: 3600lm, efficacy: 100 lm/W, Ra80 typical, LED chromacity: 3 step MacAdam ellipse (SDCM3), lifespan: 100,000 hours at 70% of the original output (L70B50), IR/UV free light source without heat radiation, operating voltage: 220-240V / 50-60Hz, low flicker, non dimmable driver, electrical protection: Class II. Degree of Protection: IP40/IP20, suitable for indoor environment only. Nominal size: 595x595mm, Loop in / loop out wiring, safety cables included, 25mm nominal height, White color frame, weight: 1,6Kg.

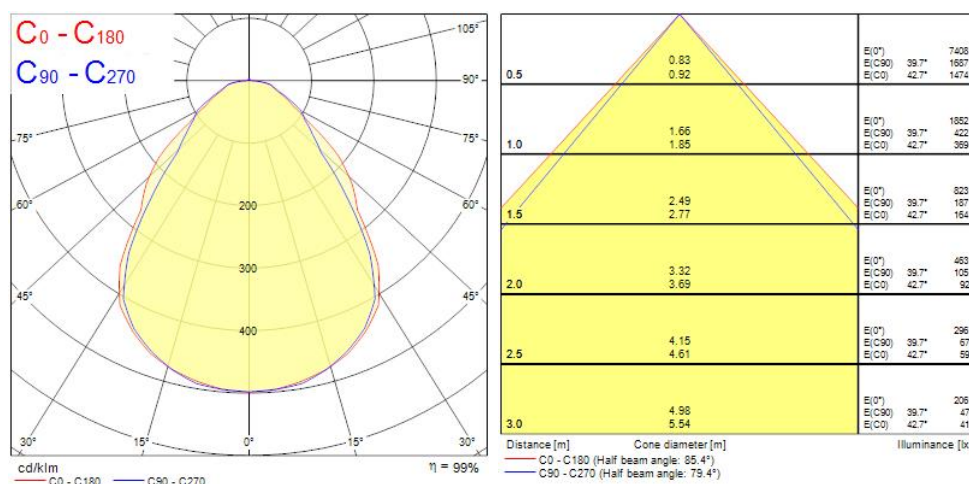
## Product Overview

|                                   |                                           |
|-----------------------------------|-------------------------------------------|
| Product name                      | START Panel UGR19 600x600 3600Lm 840 LILO |
| Technology                        | LED (3 SDCM)                              |
| Cap/Base                          | N/A                                       |
| Housing                           | Aluminium, Steel                          |
| Mount                             | Ceiling recessed mounting                 |
| General application               | Education, Office                         |
| ETIM Class                        | EC002892                                  |
| E-number FI                       | 4278455                                   |
| Fixture luminous flux (lm)        | 3600                                      |
| Luminaire efficacy (lm/W)         | 100                                       |
| Correlated colour temperature (k) | 4000                                      |
| Light colour                      | Neutral White                             |
| CRI (Ra)                          | 80                                        |

## START Panel UGR19 600x600 3600Lm 840 LILO 0042825

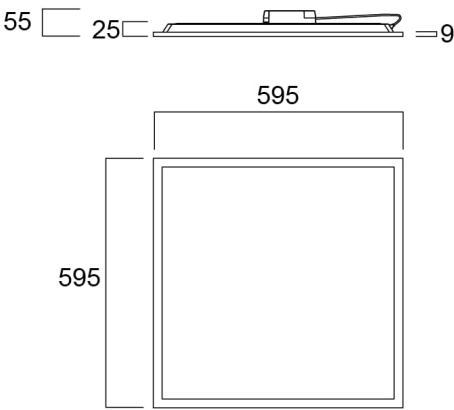
|                                 |                             |
|---------------------------------|-----------------------------|
| Colour Variation Initial (SDCM) | 3                           |
| Beam Angle (°)                  | 90                          |
| Glare control                   | < 19                        |
| Photobiological Risk Group      | RG0                         |
| Total power consumption (W)     | 36                          |
| Electrical protection           | Class II                    |
| Control gear type               | LED driver constant current |
| Dimmable                        | No                          |
| LED Flickering Rate             | Ultra low (5% or less)      |
| Housing colour                  | RAL9003                     |
| IP rating                       | IP40/20                     |
| IK rating                       | IK03                        |
| Product EAN number              | 5410288428253               |
| Warranty                        | 5 years                     |
| Dimming method                  | N/A                         |

### Photometry



START Panel UGR19 600x600 3600Lm 840 LILO  
0042825

Technical drawings



Data table

GENERAL DATA

|                                         |                                           |
|-----------------------------------------|-------------------------------------------|
| Product name                            | START Panel UGR19 600x600 3600Lm 840 LILO |
| Technology                              | LED (3 SDCM)                              |
| Cap/Base                                | N/A                                       |
| Housing                                 | Aluminium, Steel                          |
| Mount                                   | Ceiling recessed 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                             | 4278455                                   |
| Warranty                                | 5 years                                   |

OPTICAL DATA

|                            |      |
|----------------------------|------|
| Fixture luminous flux (lm) | 3600 |
| Luminaire efficacy (lm/W)  | 100  |

## START Panel UGR19 600x600 3600Lm 840 LILO 0042825

|                                   |               |
|-----------------------------------|---------------|
| Correlated colour temperature (k) | 4000          |
| Light colour                      | Neutral White |
| CRI (Ra)                          | 80            |
| Colour Variation Initial (SDCM)   | 3             |
| 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 % | 20.0                        |
| Electrical protection                                            | Class II                    |
| Control gear required                                            | Yes                         |
| Control gear type                                                | LED driver constant current |
| No. Of switching cycles before premature failures                | >25000                      |
| Dimmable                                                         | No                          |
| Dimming method                                                   | N/A                         |
| Drive current (mA)                                               | 680                         |
| Inrush Current (A)                                               | 17                          |
| Inrush Duration (µs)                                             | 150                         |
| 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                                  | 51                          |
| Max. products per 13A C Breaker                                  | 66                          |
| Max. products per 16A C Breaker                                  | 81                          |
| Max. products per 20A C Breaker                                  | 102                         |
| Max. products per 10A B Breaker                                  | 33                          |

## START Panel UGR19 600x600 3600Lm 840 LILO 0042825

|                                                 |     |
|-------------------------------------------------|-----|
| Max. products per 13A B Breaker                 | 43  |
| Max. products per 16A B Breaker                 | 54  |
| Max. products per 20A B Breaker                 | 68  |
| Connectable conductor cross section - Max (mm²) | 1.5 |

### LIFETIME DATA

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

### PHYSICAL DATA

|                             |           |
|-----------------------------|-----------|
| Housing colour              | RAL9003   |
| 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) | 26        |
| Weight (kg)                 | 1.6       |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288428253  |
| Packaging single length / height (cm) | 60.0           |
| Packaging single width (cm)           | 65.0           |
| Packaging single depth (cm)           | 3.8            |
| DUN14 (inner)                         | 15410288428250 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 69.0           |
| Packaging outer width (cm)            | 65.0           |
| Packaging outer depth (cm)            | 17.0           |

### SAFETY DATA



START Panel UGR19 600x600 3600Lm 840 LILO  
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|                                     |        |
|-------------------------------------|--------|
| Glow Wire Test (°C)                 | 650    |
| Optimal operating condition (°C)    | -10-45 |
| Special purpose lamp                | No     |
| Dry applications use only           | No     |
| Suitable for household illumination | No     |