

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: 3000K Warm White, total system power: 30W , total fixture output: 3800lm, efficacy: 127 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, DALI dimmable driver, electrical protection: Class II. Degree of Protection: IP40/IP20, suitable for indoor environment only. Nominal size: 595x595mm, Loop in / loop out wiring, saftey cables & quick connector included, 26mm nominal height, White color frame, weight: 2,07Kg.

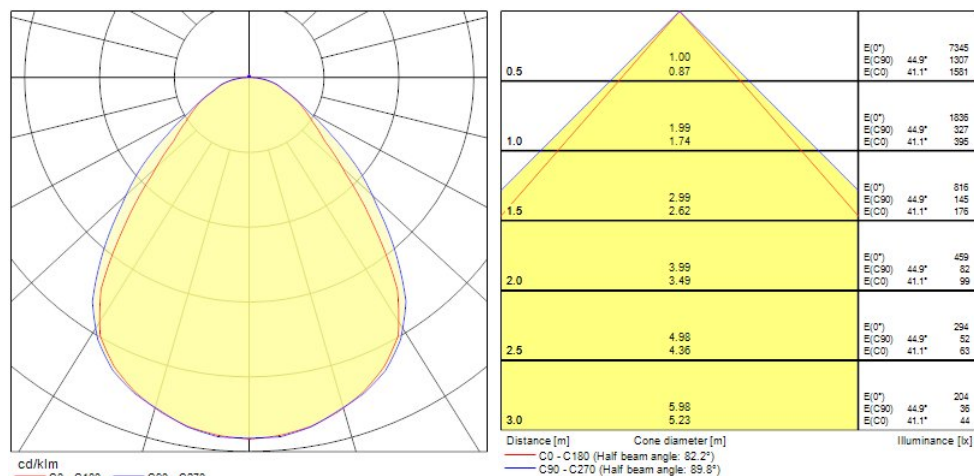
Product Overview

|                                   |                                           |
|-----------------------------------|-------------------------------------------|
| Product name                      | START Panel UGR19 600x600 DALI 3800Lm 830 |
| Technology                        | LED (3 SDCM)                              |
| Cap/Base                          | N/A                                       |
| Housing                           | Steel                                     |
| Mount                             | Ceiling recessed mounting, Suspended      |
| General application               | Education, Office                         |
| ETIM Class                        | EC002892                                  |
| E-number FI                       | 4279389                                   |
| Fixture luminous flux (lm)        | 3800                                      |
| Luminaire efficacy (lm/W)         | 127                                       |
| Correlated colour temperature (k) | 3000                                      |
| Light colour                      | Warm White                                |

## START Panel UGR19 600x600 DALI 3800Lm 830 0044657

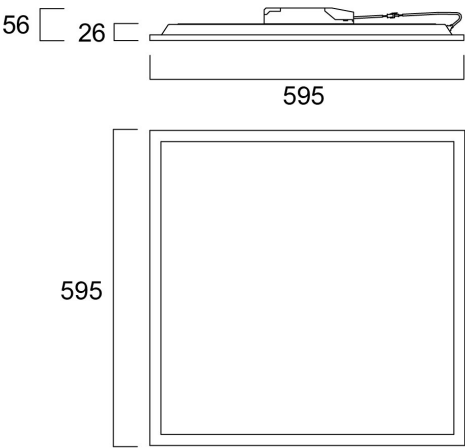
|                                 |                             |
|---------------------------------|-----------------------------|
| CRI (Ra)                        | 80                          |
| Colour Variation Initial (SDCM) | 3                           |
| Beam Angle (°)                  | 90                          |
| Glare control                   | < 19                        |
| Photobiological Risk Group      | RG0                         |
| Total power consumption (W)     | 30                          |
| Electrical protection           | Class II                    |
| Control gear type               | LED driver constant current |
| Dimmable                        | Yes                         |
| LED Flickering Rate             | Ultra low (5% or less)      |
| Housing colour                  | RAL9003                     |
| IP rating                       | IP40/20                     |
| IK rating                       | IK03                        |
| Product EAN number              | 5410288446578               |
| Warranty                        | 5 years                     |
| Dimming method                  | DALI-2                      |

## Photometry



START Panel UGR19 600x600 DALI 3800Lm 830  
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Technical drawings



Data table

GENERAL DATA

|                                  |                                           |
|----------------------------------|-------------------------------------------|
| Product name                     | START Panel UGR19 600x600 DALI 3800Lm 830 |
| Technology                       | LED (3 SDCM)                              |
| Cap/Base                         | N/A                                       |
| Housing                          | Steel                                     |
| Mount                            | Ceiling recessed mounting, Suspended      |
| General application              | Education, Office                         |
| Operating temperature range (°C) | -10°C...+45°C                             |
| ETIM Class                       | EC002892                                  |
| E-number FI                      | 4279389                                   |
| Warranty                         | 5 years                                   |

OPTICAL DATA

|                                   |            |
|-----------------------------------|------------|
| Fixture luminous flux (lm)        | 3800       |
| Luminaire efficacy (lm/W)         | 127        |
| Correlated colour temperature (k) | 3000       |
| Light colour                      | Warm White |

## START Panel UGR19 600x600 DALI 3800Lm 830 0044657

|                                 |           |
|---------------------------------|-----------|
| 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)                                      | 30                          |
| Primary Supply/Product voltage - min (V)                         | 220.0                       |
| Primary Supply/Product voltage - max (V)                         | 240.0                       |
| 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 required                                            | No                          |
| Control gear type                                                | LED driver constant current |
| Dimmable                                                         | Yes                         |
| Dimming method                                                   | DALI-2                      |
| Drive current (mA)                                               | 700                         |
| Inrush Current (A)                                               | 5.6                         |
| Inrush Duration (µs)                                             | 50                          |
| 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                                  | 37                          |
| Max. products per 16A C Breaker                                  | 59                          |
| Max. products per 10A B Breaker                                  | 37                          |
| Max. products per 16A B Breaker                                  | 59                          |
| Connectable conductor cross section - Max (mm²)                  | 1.5                         |

### LIFETIME DATA

## START Panel UGR19 600x600 DALI 3800Lm 830 0044657

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L70 B20 | 100000 |
| Lifespan L70 B10 | 100000 |
| Lifespan L80 B50 | 94000  |
| Lifespan L80 B20 | 76000  |
| Lifespan L80 B10 | 67000  |
| Lifespan L90 B50 | 45000  |
| Lifespan L90 B20 | 37000  |
| Lifespan L90 B10 | 33000  |

### PHYSICAL DATA

|                             |                |
|-----------------------------|----------------|
| Housing colour              | RAL9003        |
| IP rating                   | IP40/20        |
| IK rating                   | IK03           |
| Diffuser finish             | Diffuse        |
| Diffuser material           | PS Polystyrene |
| Nominal Product Length (mm) | 595            |
| Nominal Product Width (mm)  | 595            |
| Nominal Product Height (mm) | 26             |
| Weight (kg)                 | 1.942          |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288446578  |
| Packaging single length / height (cm) | 60.3           |
| Packaging single width (cm)           | 3.8            |
| Packaging single depth (cm)           | 69.0           |
| DUN14 (inner)                         | 15410288446575 |
| Units per outer package               | 4              |
| Packaging outer length / height (cm)  | 71.4           |
| Packaging outer width (cm)            | 17.6           |
| Packaging outer depth (cm)            | 64.2           |

### SAFETY DATA

|                     |     |
|---------------------|-----|
| Glow Wire Test (°C) | 650 |
|---------------------|-----|



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|                                     |        |
|-------------------------------------|--------|
| Optimal operating condition (°C)    | -10-45 |
| Special purpose lamp                | No     |
| Dry applications use only           | No     |
| Suitable for household illumination | No     |