

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<22. RG0, 110 degree beam angle , optical system: PS diffuser with Opal 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, 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 & quick connector included, 25mm nominal height, White color frame, weight: 1,67Kg.

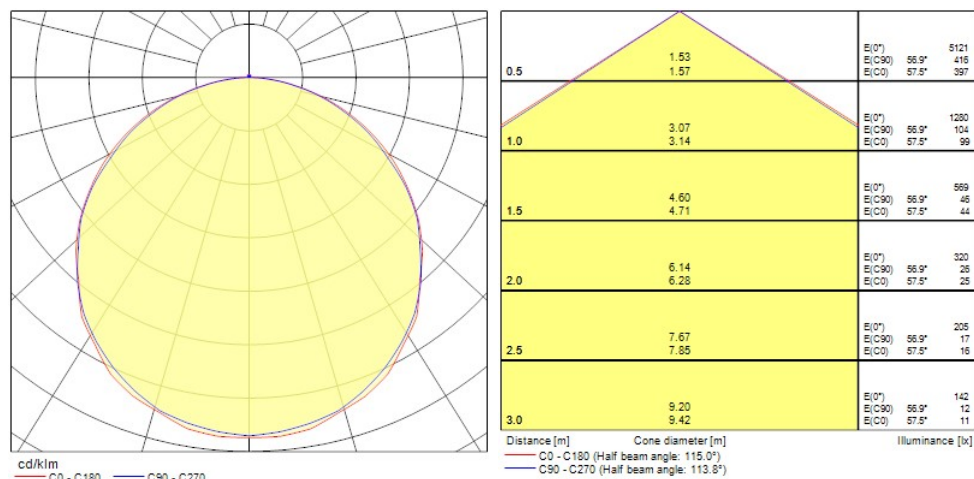
Product Overview

|                            |                                      |
|----------------------------|--------------------------------------|
| Product name               | START Panel 600x600 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                | 4279391                              |
| Fixture luminous flux (lm) | 3800                                 |
| Luminaire efficacy (lm/W)  | 127                                  |
| Colour temperature (K)     | 3000                                 |
| Light colour               | Warm White                           |

## START Panel 600x600 3800lm 830 0044635

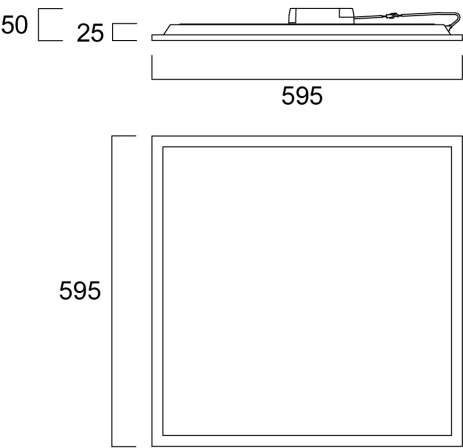
|                                 |                             |
|---------------------------------|-----------------------------|
| CRI (Ra)                        | 80                          |
| Colour Variation Initial (SDCM) | 3                           |
| Beam Angle (°)                  | 110                         |
| Glare control                   | < 22                        |
| Photobiological Risk Group      | RG0                         |
| Total power consumption (W)     | 30                          |
| Electrical protection           | Class II                    |
| Control gear type               | LED driver constant current |
| Dimmable                        | No                          |
| LED Flickering Rate             | Ultra low (5% or less)      |
| Housing colour                  | RAL 9003 - Signal white     |
| IP rating                       | IP40/20                     |
| IK rating                       | IK03                        |
| Product EAN number              | 5410288446356               |
| Warranty                        | 5 years                     |
| Dimming method                  | N/A                         |

## Photometry



START Panel 600x600 3800lm 830  
0044635

Technical drawings



Data table

GENERAL DATA

|                                  |                                      |
|----------------------------------|--------------------------------------|
| Product name                     | START Panel 600x600 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                      | 4279391                              |
| Warranty                         | 5 years                              |

OPTICAL DATA

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

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|                                 |           |
|---------------------------------|-----------|
| CRI (Ra)                        | 80        |
| Colour Variation Initial (SDCM) | 3         |
| Beam Angle (°)                  | 110       |
| Distribution type               | Symmetric |
| Glare control                   | < 22      |
| 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                                                         | No                          |
| Dimming method                                                   | N/A                         |
| Drive current (mA)                                               | 800                         |
| Inrush Current (A)                                               | 20                          |
| Inrush Duration (µs)                                             | 220                         |
| Glow Wire Test (°C)                                              | 650                         |
| 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 16A C Breaker                                  | 54                          |
| Max. products per 16A B Breaker                                  | 31                          |
| Connectable conductor cross section - Max (mm²)                  | 1.5                         |

### LIFETIME DATA

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
|------------------|--------|

## START Panel 600x600 3800lm 830 0044635

|                  |        |
|------------------|--------|
| 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              | RAL 9003 - Signal white |
| 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) | 25                      |
| Weight (kg)                 | 1.67                    |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288446356  |
| Packaging single length / height (cm) | 60.5           |
| Packaging single width (cm)           | 65.5           |
| Packaging single depth (cm)           | 3.8            |
| DUN14 (outer)                         | 15410288446353 |
| Units per outer package               | 4              |
| Packaging outer length / height (cm)  | 68.5           |
| Packaging outer width (cm)            | 63.5           |
| Packaging outer depth (cm)            | 17.0           |

### SAFETY DATA

|                                  |        |
|----------------------------------|--------|
| Optimal operating condition (°C) | -10-45 |
|----------------------------------|--------|



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|                                     |    |
|-------------------------------------|----|
| Special purpose lamp                | No |
| Dry applications use only           | No |
| Suitable for household illumination | No |