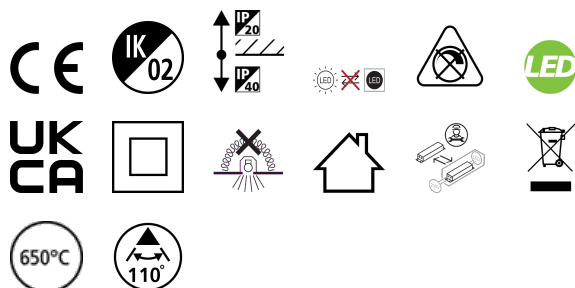


# START eco Panel 600x600 4000lm 830

Item No: 0048087

**SYLVANIA**

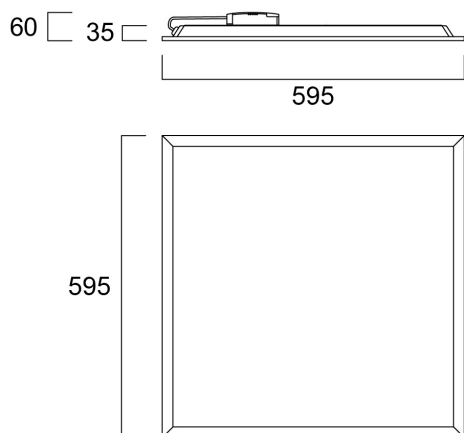
**START** eco



LED Panel with backlit technology, ideal for general indoor lighting applications such as breakout areas, offices and meeting rooms. 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: 35W , total fixture output: 4000lm, efficacy: 114lm/W, Ra80 typical, LED chromacity: 5 step MacAdam ellipse (SDCM5), 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: 595x595x35mm, 35mm nominal height, White color frame, weight: 2,05kg.

## Technical Assets

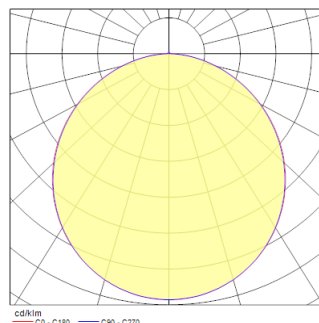
### Dimensions (mm)



### Photometrics

| Distance [m] | Cone diameter [m] | Beam diameter [m] | Beam diameter [ft] | Beam diameter [in] | Illuminance [lx] |
|--------------|-------------------|-------------------|--------------------|--------------------|------------------|
| 0.5          | 1.50              | 1.52              | 50.0"              | 50.8"              | 5486             |
| 1.0          | 3.00              | 3.04              | 100.0"             | 101.6"             | 1371             |
| 1.5          | 4.50              | 4.57              | 150.0"             | 152.4"             | 610              |
| 2.0          | 6.00              | 6.09              | 200.0"             | 203.2"             | 342              |
| 2.5          | 7.50              | 7.61              | 250.0"             | 253.9"             | 219              |
| 3.0          | 9.00              | 9.13              | 300.0"             | 304.8"             | 152              |

Distance [m] Cone diameter [m]  
— C0 - C180 (half beam angle: 113.4°)  
— C90 - C270 (half beam angle: 112.6°)



# START eco Panel 600x600 4000lm 830

Item No: 0048087

**SYLVANIA**

## General data

|                                  |                                       |
|----------------------------------|---------------------------------------|
| Product name                     | START eco Panel<br>600x600 4000lm 830 |
| Technology                       | LED                                   |
| Cap/Base                         | N/A                                   |
| Housing                          | Steel                                 |
| Mount                            | Ceiling recessed<br>mounting          |
| Built in presence detector       | NONE                                  |
| General application              | Education, Office                     |
| Operating temperature range (°C) | 5°C...+40°C                           |
| Virtual assistant compatibility  | N/A                                   |
| ETIM Class                       | EC002892                              |
| E-number FI                      | 4279998                               |
| Warranty                         | 5 years                               |

## Optical data

|                                   |            |
|-----------------------------------|------------|
| Fixture luminous flux (lm)        | 4000       |
| Luminaire efficacy (lm/W)         | 114        |
| Correlated colour temperature (k) | 3000       |
| Light colour                      | Warm White |
| CRI (Ra)                          | 80         |
| Colour Variation Initial (SDCM)   | SDCM5      |
| Beam Angle (°)                    | 110        |
| Distribution type                 | Symmetric  |
| Glare control                     | < 22       |
| Photobiological Risk Group        | RG0        |

## Electrical data

|                                                                  |                                |
|------------------------------------------------------------------|--------------------------------|
| Total power consumption (W)                                      | 35                             |
| 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 type                                                | LED driver constant<br>current |
| Dimmable                                                         | No                             |
| Dimming method                                                   | N/A                            |
| Inrush Current (A)                                               | 28.8                           |
| Inrush Duration (µs)                                             | 138                            |
| 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                                  | 30                             |
| Max. products per 13A C Breaker                                  | 39                             |
| Max. products per 16A C Breaker                                  | 49                             |
| Max. products per 20A C Breaker                                  | 61                             |
| Max. products per 10A B Breaker                                  | 21                             |
| Max. products per 13A B Breaker                                  | 27                             |
| Max. products per 16A B Breaker                                  | 33                             |
| Max. products per 20A B Breaker                                  | 42                             |
| Connectable conductor cross section - Min (mm²)                  | 0.75                           |
| Connectable conductor cross section - Max (mm²)                  | 1.5                            |

## Lifetime data

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

# START eco Panel 600x600 4000lm 830

Item No: 0048087



## Physical data

|                             |                         |
|-----------------------------|-------------------------|
| Housing colour              | RAL 9003 - Signal white |
| IP rating                   | IP40/20                 |
| IK rating                   | IK02                    |
| Diffuser finish             | Diffuse                 |
| Diffuser material           | PS Polystyrene          |
| Nominal Product Length (mm) | 595                     |
| Nominal Product Width (mm)  | 595                     |
| Nominal Product Height (mm) | 35                      |
| Weight (kg)                 | 2.05                    |

## Packaging

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288480879  |
| Packaging single length / height (cm) | 64.0           |
| Packaging single width (cm)           | 35.0           |
| Packaging single depth (cm)           | 60.0           |
| DUN14 (inner)                         | 15410288480876 |
| Units per outer package               | 4              |
| Packaging outer length / height (cm)  | 65.3           |
| Packaging outer width (cm)            | 16.2           |
| Packaging outer depth (cm)            | 61.8           |

## Safety data

|                                  |      |
|----------------------------------|------|
| Glow Wire Test (°C)              | 650  |
| Optimal operating condition (°C) | 5-40 |