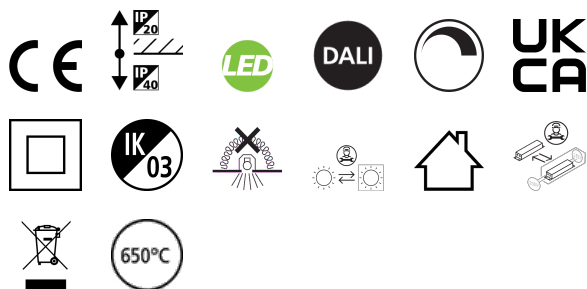


# START Panel UGR19 600x600 DALI 3800Lm 830

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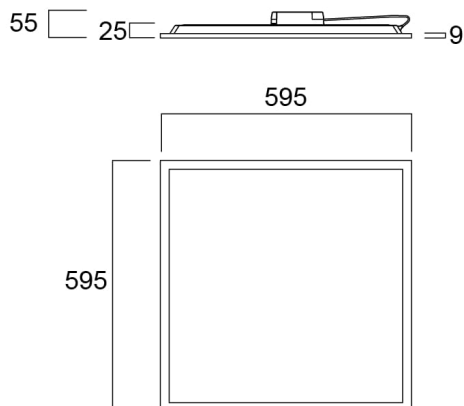
**SYLVANIA**



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 Opal finish. Light color temperature: 3000K Warm White, total system power: 36W , total fixture output: 3800lm, efficacy: 106 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, safety cables included, 25mm nominal height, White color frame, weight: 1,6Kg.

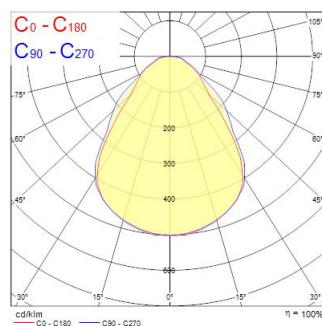
## Technische Werte

### Größe (mm)



### Photometrie

| Distance [m] | Cone diameter [m] | Beam angle [°] | Beam diameter [m] | Beam area [m²] | Illuminance [lx] |
|--------------|-------------------|----------------|-------------------|----------------|------------------|
| 0.5          | 0.52              | 90°            | 0.52              | 0.27           | 1393             |
| 1.0          | 1.03              | 90°            | 1.03              | 1.06           | 358              |
| 1.5          | 1.54              | 90°            | 1.54              | 2.37           | 160              |
| 2.0          | 2.05              | 90°            | 2.05              | 4.20           | 90               |
| 2.5          | 2.56              | 90°            | 2.56              | 6.55           | 58               |
| 3.0          | 3.07              | 90°            | 3.07              | 9.42           | 40               |



# START Panel UGR19 600x600 DALI 3800Lm 830

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**SYLVANIA**

## Allgemeine Daten

|                                 |                                           |
|---------------------------------|-------------------------------------------|
| Produktname                     | START Panel UGR19 600x600 DALI 3800Lm 830 |
| Technologie                     | LED                                       |
| Sockel                          | N/A                                       |
| Gehäuse                         | Aluminium, Steel                          |
| Montage                         | Ceiling recessed mounting                 |
| Built in presence detector      | NONE                                      |
| Allgemeine Anwendungsbereiche   | Education, Office                         |
| Umgebungstemperaturbereich      | -10°C...+45°C                             |
| Betriebstemperatur (°C)         | 25                                        |
| Virtual assistant compatibility | N/A                                       |
| ETIM Klasse                     | EC002892                                  |
| E-Nummer FI                     | 4278464                                   |
| Garantie                        | 5 Jahre                                   |

## Optische Daten

|                            |            |
|----------------------------|------------|
| Leuchtenlichtstrom (lm)    | 3800       |
| Systemeffizienz (lm/W)     | 106        |
| Farbtemperatur (K)         | 3000       |
| Lichtfarbe                 | Warm White |
| Farbwiedergabeindex (Ra)   | 80         |
| Farbkonsistenz (SDCM)      | SDCM3      |
| Ausstrahlungswinkel (°)    | 90         |
| Distributionstyp           | Symmetric  |
| Blendungsbegrenzung        | < 19       |
| Photobiological Risk Group | RG0        |

## Elektrische Daten

|                                                              |                             |
|--------------------------------------------------------------|-----------------------------|
| Leistungsaufnahme gesamt (W)                                 | 36                          |
| Primary Supply/Product voltage - min (V)                     | 220                         |
| Primary Supply/Product voltage - max (V)                     | 240                         |
| Leistungsfaktor der Lampe                                    | 0.9                         |
| THD (bei 230V, 50Hz, bei 100% Dimm-Level)                    | 20.0                        |
| Elektrische Schutzklasse                                     | Class II                    |
| Betriebsgerätetyp                                            | LED driver constant current |
| Dimmbar                                                      | Yes                         |
| Dimming method                                               | DALI                        |
| Stromstärke (mA)                                             | 680                         |
| Energy Efficiency Class (A->G) of contained light source     | D                           |
| Nennfrequenz (Hz)                                            | 50/60Hz                     |
| LED Flickering Rate                                          | Ultra low (5% or less)      |
| Max. Anzahl Leuchten pro 10A C Sicherung                     | 51                          |
| Max. Anzahl Leuchten pro 13A C Sicherung                     | 66                          |
| Max. Anzahl Leuchten pro 16A C Sicherung                     | 81                          |
| Max. Anzahl Leuchten pro 20A C Sicherung                     | 102                         |
| Max. Anzahl Leuchten pro 10A B Sicherung                     | 33                          |
| Max. Anzahl Leuchten pro 13A B Sicherung                     | 43                          |
| Max. Anzahl Leuchten pro 16A B Sicherung                     | 54                          |
| Max. Anzahl Leuchten pro 20A B Sicherung                     | 68                          |
| Connectable conductor cross section - Max (mm <sup>2</sup> ) | 1.5                         |

## Lifetime data

|                      |        |
|----------------------|--------|
| Lebensdauer - L70B50 | 100000 |
| Lebensdauer - L80B20 | 71000  |

# START Panel UGR19 600x600 DALI

## 3800Lm 830

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### Physikalische Daten

|                           |                         |
|---------------------------|-------------------------|
| Gehäusefarbe              | RAL 9003 - Signal white |
| IP Schutzart              | IP40/20                 |
| IK Schutzart              | IK03                    |
| Diffusor                  | Diffuse                 |
| Diffusormaterial          | Other                   |
| Länge (mm)                | 595                     |
| Breite (mm)               | 595                     |
| Nominale Produkthöhe (mm) | 25                      |
| Gewicht (kg)              | 1.948                   |

### Packaging

|                                        |                |
|----------------------------------------|----------------|
| EAN Code                               | 5410288428512  |
| Einzelverpackung Länge (cm)            | 60.0           |
| Einzelverpackung Breite (cm)           | 3.8            |
| Einzelverpackung Tiefe (cm)            | 68.8           |
| DUN 14 (außen)                         | 15410288428519 |
| Anzahl an Einheiten je Außenverpackung | 1              |
| Außenverpackung Länge (cm)             | 60.0           |
| Außenverpackung Breite (cm)            | 3.8            |
| Außenverpackung Tiefe (cm)             | 68.8           |

### Safety data

|                                  |        |
|----------------------------------|--------|
| Glühdrahttest (°C)               | 650    |
| Optimale Betriebstemperatur (°C) | -10-45 |