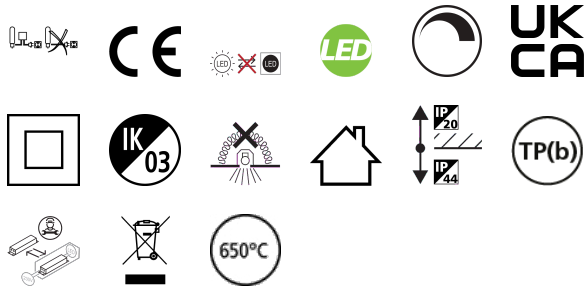


ST Panel UGR19 600x600 HE IP44 DALI 4300 840

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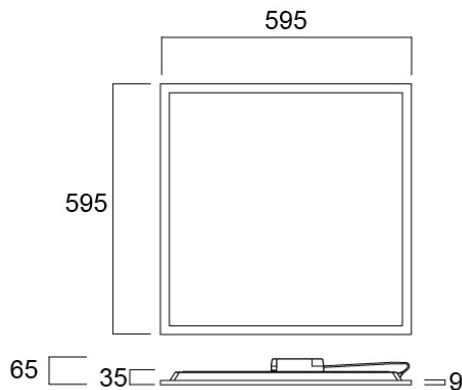
SYLVANIA



START Panel IP44 is a range of backlit LED panels used in recessed ceilings. Ideal for general indoor applications such as corridors, breakrooms, offices and meeting rooms. Luminaire dimensions are compatible with common ceiling installation, and the shallow design makes it easy to install in low ceilings. Nominal size 600x600mm, 4300Lm; 34W; 126Lm/W; Average lifespan: 100.000Hrs; 4000K; CRI 80; Glare control <19; IK03; IP44 (from the front); SDCM<3; Class II; DALI dimmable.

Technical Assets

Dimensions (mm)

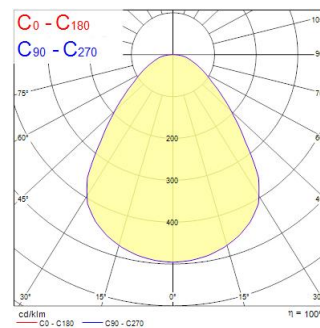


Photometrics

| Distance [m] | Cone diameter [m] | E0% | E10% | E15% | E20% | E30% | E40% | E50% | E60% | E70% | E80% | E90% | E100% |
|--------------|-------------------|-----|------|-------|-------|-------|-------|------|------|------|------|------|-------|
| 0.5 | 0.89 | 50% | 50% | 41.7% | 31.5% | 20.4% | 13.9% | 9.1% | 6.3% | 4.5% | 3.2% | 2.3% | 1.7% |
| 1.0 | 1.78 | 50% | 50% | 41.7% | 31.5% | 20.4% | 13.9% | 9.1% | 6.3% | 4.5% | 3.2% | 2.3% | 1.7% |
| 1.5 | 2.67 | 50% | 50% | 41.7% | 31.5% | 20.4% | 13.9% | 9.1% | 6.3% | 4.5% | 3.2% | 2.3% | 1.7% |
| 2.0 | 3.56 | 50% | 50% | 41.7% | 31.5% | 20.4% | 13.9% | 9.1% | 6.3% | 4.5% | 3.2% | 2.3% | 1.7% |
| 2.5 | 4.45 | 50% | 50% | 41.7% | 31.5% | 20.4% | 13.9% | 9.1% | 6.3% | 4.5% | 3.2% | 2.3% | 1.7% |
| 3.0 | 5.35 | 50% | 50% | 41.7% | 31.5% | 20.4% | 13.9% | 9.1% | 6.3% | 4.5% | 3.2% | 2.3% | 1.7% |

Distance [m] Cone diameter [m] Illuminance [lx]

— C0 - C180 (Half beam angle: 83.4°)



ST Panel UGR19 600x600 HE IP44 DALI 4300 840

Item No: 0042639

SYLVANIA

General data

| | |
|---|--|
| Product name | ST Panel UGR19 600x600 HE IP44 DALI 4300 840 |
| Technology | LED |
| Cap/Base | N/A |
| Housing | Aluminium, Steel |
| Mount | Ceiling recessed mounting |
| Built in presence detector | NONE |
| General application | Education, Office |
| Operating temperature range (°C) | -10°C...+45°C |
| Performance ambient temperature Tq (°C) | 25 |
| Virtual assistant compatibility | N/A |
| ETIM Class | EC002892 |
| E-number FI | 4278345 |
| Warranty | 5 years |

Optical data

| | |
|-----------------------------------|---------------|
| Fixture luminous flux (lm) | 4300 |
| Luminaire efficacy (lm/W) | 126 |
| Correlated colour temperature (k) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM3 |
| Beam Angle (°) | 90 |
| Distribution type | Symmetric |
| Glare control | < 19 |
| Photobiological Risk Group | RG0 |

Electrical data

| | |
|--|-----------------------------|
| Total power consumption (W) | 34 |
| 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 |
| Dimmable | Yes |
| Dimming method | DALI |
| Drive current (mA) | 750 |
| Inrush Current (A) | 13.2 |
| Inrush Duration (µs) | 240 |
| Energy Efficiency Class (A->G) of contained light source | C |
| Nominal Frequency (Hz) | 50/60Hz |
| LED Flickering Rate | Ultra low (5% or less) |
| Max. products per 10A C Breaker | 43 |
| Max. products per 13A C Breaker | 57 |
| Max. products per 16A C Breaker | 70 |
| Max. products per 20A C Breaker | 88 |
| Max. products per 10A B Breaker | 25 |
| Max. products per 13A B Breaker | 33 |
| Max. products per 16A B Breaker | 41 |
| Max. products per 20A B Breaker | 52 |
| Connectable conductor cross section - Max (mm ²) | 1.5 |

Lifetime data

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

ST Panel UGR19 600x600 HE IP44 DALI 4300 840

Item No: 0042639

SYLVANIA

Physical data

| | |
|-----------------------------|-------------------------|
| Housing colour | RAL 9003 - Signal white |
| IP rating | IP44/20 |
| IK rating | IK03 |
| Diffuser finish | Prismatic |
| Diffuser material | Other |
| Nominal Product Length (mm) | 595 |
| Nominal Product Width (mm) | 595 |
| Nominal Product Height (mm) | 35 |
| Weight (kg) | 1.8 |

Packaging

| | |
|---------------------------------------|----------------|
| Product EAN number | 5410288426396 |
| Packaging single length / height (cm) | 60.0 |
| Packaging single width (cm) | 68.5 |
| Packaging single depth (cm) | 3.8 |
| DUN14 (inner) | 15410288426393 |
| Units per outer package | 4 |
| Packaging outer length / height (cm) | 70.0 |
| Packaging outer width (cm) | 62.0 |
| Packaging outer depth (cm) | 17.0 |

Safety data

| | |
|----------------------------------|--------|
| Glow Wire Test (°C) | 650 |
| Optimal operating condition (°C) | -10-45 |