

START Panel Flat UGR19 600x600 3500Lm 830

Item No: 0047226

SYLVANIA



Edge lit LED flat panel with low glare (UGR<19). Low Flicker, 35 W, Warm White, 3000 K, 3500 lumens, 100 lm/W, Average lifespan: 120.000Hrs, prismatic diffuser, aluminium frame, steel body, electronic non dimmable driver. (HxWxD) 9.5 x 595 x 595 mm

Technical Assets

Dimensions (mm)

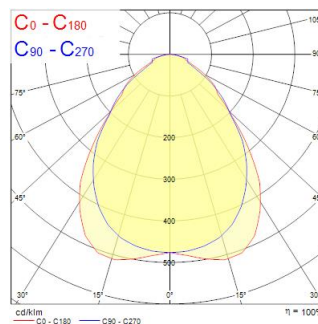


Photometrics

| | | | |
|-----|--------------|--------------------------------|-------------------|
| 0.5 | 0.52 0.91 | 807 E(C90) 42° E(C0) 42° | 899 133 148 |
| 1.0 | 1.83 1.81 | 807 E(C90) 42° E(C0) 42° | 167 31 381 |
| 1.5 | 2.75 2.72 | 807 E(C90) 42° E(C0) 42° | 73 147 181 |
| 2.0 | 3.67 3.65 | 807 E(C90) 42° E(C0) 42° | 41 83 90 |
| 2.5 | 4.58 4.53 | 807 E(C90) 42° E(C0) 42° | 28 56 60 |
| 3.0 | 5.50 5.44 | 807 E(C90) 42° E(C0) 42° | 18 36 40 |

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

— C0 - C180 (Half beam angle: 84.0°)
— C90 - C270 (Half beam angle: 65.0°)



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General data

| | |
|---|---|
| Product name | START Panel Flat UGR19 600x600 3500Lm 830 |
| Technology | LED |
| Housing | Aluminium |
| Mount | Ceiling recessed mounting, Ceiling surface mounting, Suspended |
| Environment | Interior |
| General application | Education, Office |
| Operating temperature range (°C) | -20°C...+40°C |
| Performance ambient temperature Tq (°C) | 25 |
| ETIM Class | EC002892 |
| E-number FI | 4276947 |
| Warranty | 5 years |

Optical data

| | |
|-----------------------------------|------------|
| Fixture luminous flux (lm) | 3,500 |
| Luminaire efficacy (lm/W) | 100 |
| Correlated colour temperature (k) | 3000 |
| Light colour | Warm White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM5 |
| Beam Angle (°) | 90 |
| Distribution type | Symmetric |
| Glare control | < 19 |
| Photobiological Risk Group | RG0 |

Electrical data

| | |
|--|-----------------------------|
| Total power consumption (W) | 35 |
| 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 current |
| Dimmable | No |
| Dimming method | N/A |
| Drive current (mA) | 930 |
| Inrush Current (A) | 10 |
| Inrush Duration (µs) | 100 |
| 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 | 60 |
| Max. products per 13A C Breaker | 75 |
| Max. products per 16A C Breaker | 95 |
| Max. products per 20A C Breaker | 120 |

Lifetime data

| | |
|------------------|--------|
| Lifespan L70 B50 | 120000 |
|------------------|--------|

Physical data

| | |
|-----------------------------|-------------------------|
| Housing colour | RAL 9003 - Signal white |
| IP rating | IP40/20 |
| IK rating | IK03 |
| Diffuser finish | Prismatic |
| Nominal Product Length (mm) | 595 |
| Nominal Product Width (mm) | 595 |
| Nominal Product Height (mm) | 9.5 |
| Weight (kg) | 2.653 |
| Recessed Depth (mm) | 38 |

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Packaging

| | |
|---------------------------------------|----------------|
| Product EAN number | 5410288472263 |
| Packaging single length / height (cm) | 63.0 |
| Packaging single width (cm) | 4.4 |
| Packaging single depth (cm) | 67.5 |
| DUN14 (inner) | 15410288472260 |
| Units per outer package | 2 |
| Packaging outer length / height (cm) | 65.0 |
| Packaging outer width (cm) | 10.8 |
| Packaging outer depth (cm) | 69.5 |

Safety data

| | |
|----------------------------------|--------|
| Glow Wire Test (°C) | 650 |
| Optimal operating condition (°C) | -20-40 |