

Panel IP65 CR UGR19 600x600 4400lm 940 WH

Code article 0042783

SYLVANIA

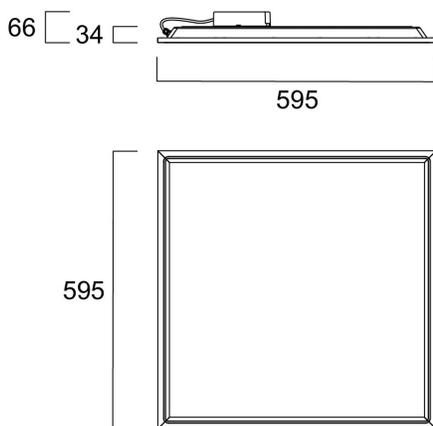
LiteGuard™



The Panel IP65 CR is a range of backlit LED panels tested by 3rd party to ensure they meet ISO 14644-1 Class 3-9 cleanroom classification. Ideal for healthcare, hospitals, laboratories and pharmaceutical industry, it meets the IFS requirements by offering impact resistant cover and good cleanability. Easy-to-clean luminaires with a high protection class to avoid vapors and dust entry. Low glaring UGR<19. RG0, 100-degree beam angle, optical system: prismatic diffuser with powder coating finish. Tp(b) rated diffuser that may not burn at a speed of more than 50mm per minute. Light color temperature: 4000K Cool White, total system power: 42W, total fixture output: 4400lm, efficacy: 105lm/W, Ra90 typical, LED chromaticity: 3 step MacAdam ellipse (SDCM3), lifespan: 100,000 hours at 70% of the original output (L70B50), operating voltage: 220-240V / 50-60Hz, low flicker, non-dimmable IP65 driver, electrical protection: Class II. Degree of Protection: IP65 (both front and back) - able to protect against water jets. Nominal size: 595x595mm, Loop in / loop out wiring with accessory box, safety cables included, 34mm nominal height, White color frame, weight: 2.2kg. For using EM kits 0046600-01 please order connector 0047523.

Atouts techniques

Dimensions (mm)



Photométrie

| | | | | |
|-----|------|------|-----|------|
| 0.5 | 1.00 | 807 | 48° | 837 |
| | | 800 | 48° | 1475 |
| 1.0 | 2.00 | 2077 | 48° | 2077 |
| | | 989 | 48° | 989 |
| 1.5 | 3.00 | 820 | 48° | 820 |
| | | 354 | 48° | 354 |
| 2.0 | 4.00 | 519 | 48° | 519 |
| | | 95 | 48° | 95 |
| 2.5 | 5.00 | 321 | 48° | 321 |
| | | 58 | 48° | 58 |
| 3.0 | 6.00 | 231 | 48° | 231 |
| | | 41 | 48° | 41 |

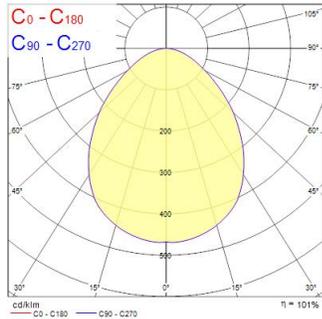
Distance [m] Cone diameter [m] Illuminance [lx]

CG - C180 (Half beam angle: 90.0°)

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Données générales

| | |
|----------------------------------|---|
| Nom du produit | Panel IP65 CR UGR19 600x600 4400lm 940 WH |
| Technologie | LED |
| Cap/Base | N/A |
| Housing | Steel |
| Montage | Ceiling recessed mounting |
| Built in presence detector | NONE |
| General application | Education, Logistics & Industry, Office |
| Operating temperature range (°C) | -10°C...+40°C |
| Virtual assistant compatibility | N/A |
| ETIM Class | EC002892 |
| Numéro virtuel FI | 4279577 |
| Warranty | 5 ans |

Données optiques

| | |
|---------------------------------|---------------|
| Fixture luminous flux (lm) | 4400 |
| Luminaire efficacy (lm/W) | 105 |
| Température de couleur (K) | 4000 |
| Colour Code | 940 |
| Couleur de lumière | Neutral White |
| IRC (Ra) | 90 |
| Colour Variation Initial (SDCM) | SDCM3 |
| Beam Angle (°) | 100 |
| Distribution type | Symmetric |
| Glare control | < 19 |
| Photobiological Risk Group | RG0 |

Caractéristiques électriques

| | |
|--|--------------------------------|
| Consommation électrique totale (W) | 42 |
| 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 % | 10.0 |
| Electrical protection | Class II |
| Type d'appareillage | LED driver constant current |
| Dimmable | No |
| Dimming method | N/A |
| Drive current (mA) | 1100 |
| Courant d'appel (A) | 15 |
| Inrush Duration (µs) | 290 |
| Energy Efficiency Class (A->G) of contained light source | E |
| Nominal Frequency (Hz) | 50/60Hz |
| LED Flickering Rate | Ultra low (5% or less) |
| Max. products per 10A C Breaker | 31 |
| Max. products per 16A C Breaker | 40 |
| Max. products per 16A B Breaker | 24 |
| Connectable conductor cross section - Max (mm²) | 1.5 |

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Durée de vie

| | |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L70 B20 | 100000 |
| Lifespan L70 B10 | 100000 |
| Lifespan L80 B50 | 85000 |
| Lifespan L80 B20 | 83000 |
| Lifespan L80 B10 | 82000 |
| Lifespan L90 B50 | 35000 |
| Lifespan L90 B20 | 34500 |
| Lifespan L90 B10 | 34000 |

Données physiques

| | |
|-----------------------------|-------------------------|
| Housing colour | RAL 9003 - Signal white |
| IP rating | IP65 |
| IK rating | IK05 |
| Diffuser finish | Prismatic |
| Diffuser material | PS Polystyrene |
| Longueur (mm) | 595 |
| Largeur (mm) | 595 |
| Nominal Product Height (mm) | 34 |
| Poids (kg) | 2.425 |

Emballage

| | |
|--------------------------------------|----------------|
| Product EAN number | 5410288427836 |
| Longueur simple de l'emballage (cm) | 60.0 |
| Largeur simple de l'emballage (cm) | 3.9 |
| Packaging single depth (cm) | 66.5 |
| DUN14 (inner) | 15410288427833 |
| Units per outer package | 46 |
| Packaging outer length / height (cm) | 136.0 |
| Packaging outer width (cm) | 98.0 |
| Packaging outer depth (cm) | 63.0 |

Sécurité

| | |
|---|--------|
| Glow Wire Test (°C) | 650 |
| Condition de fonctionnement optimal (° C) | -10-40 |