

PANEL IP66 CR R 598R CMPG L3 3750LM 940

Item No: 0042012

SYLVANIA

Technical Assets

Photometrics

| | | | |
|-----|--------------|------------------------------------|----------------------|
| 0.5 | 0.82 0.82 | E171 E1C90 38.9° E1C90 39.2° | 8279 1956 1959 |
| 1.0 | 1.65 1.63 | E171 E1C90 38.9° E1C90 39.2° | 2069 478 482 |
| 1.5 | 2.47 2.45 | E171 E1C90 38.9° E1C90 39.2° | 830 212 214 |
| 2.0 | 3.30 3.26 | E171 E1C90 38.9° E1C90 39.2° | 517 119 121 |
| 2.5 | 4.12 4.05 | E171 E1C90 38.9° E1C90 39.2° | 331 75 77 |
| 3.0 | 4.95 4.85 | E171 E1C90 38.9° E1C90 39.2° | 230 53 54 |

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

— C0 - C180 (Half beam angle: 75.4°)
— C90 - C270 (Half beam angle: 75.0°)



General data

| | |
|----------------------------------|--|
| Product name | PANEL IP66 CR R 598R CMPG L3 3750LM 940 |
| Technology | LED |
| Cap/Base | N/A |
| Housing | Steel |
| Mount | Ceiling recessed mounting |
| Built in presence detector | NONE |
| General application | Logistics & Industry |
| Operating temperature range (°C) | -20°C...+60°C |
| Virtual assistant compatibility | N/A |
| ETIM Class | EC002892 |
| Warranty | 5 years |

Optical data

| | |
|-----------------------------------|---------------|
| Fixture luminous flux (lm) | 3750 |
| Luminaire efficacy (lm/W) | 101 |
| Correlated colour temperature (k) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 90 |
| Colour Variation Initial (SDCM) | SDCM3 |
| Beam Angle (°) | 90 |
| Distribution type | Symmetric |
| Glare control | < 19 |
| Photobiological Risk Group | RG0 |

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Electrical data

| | |
|--|-----------------------------|
| Emergency type | |
| Total power consumption (W) | 37 |
| Primary Supply/Product voltage - min (V) | 240.0 |
| Primary Supply/Product voltage - max (V) | 220.0 |
| Lamp power factor | 0.98 |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 15 |
| Electrical protection | Class I |
| Control gear type | LED driver constant current |
| Dimmable | No |
| Dimming method | N/A |
| Inrush Current (A) | 23 |
| Inrush Duration (µs) | 140 |
| Energy Efficiency Class (A->G) of contained light source | C |
| Nominal Frequency (Hz) | 50/60Hz |
| Max. products per 10A C Breaker | 39 |
| Max. products per 16A C Breaker | 64 |
| Max. products per 16A B Breaker | 38 |
| Connectable conductor cross section - Min (mm ²) | 0.5 |
| Connectable conductor cross section - Max (mm ²) | 2.5 |

Lifetime data

Lifespan L70 B50 | 100000

Physical data

| | |
|-----------------------------|----------------------------------|
| Housing colour | RAL 9016 - Traffic white / Bezel |
| IP rating | IP66 |
| IK rating | IK08 |
| Diffuser finish | Prismatic |
| Diffuser material | Safety tempered glass |
| Nominal Product Length (mm) | 1198 |
| Nominal Product Width (mm) | 298 |
| Nominal Product Height (mm) | 79 |
| Weight (kg) | 11.5 |

Packaging

| | |
|---------------------------------------|----------------|
| Product EAN number | 5410288420127 |
| Packaging single length / height (cm) | 127.5 |
| Packaging single width (cm) | 34.0 |
| Packaging single depth (cm) | 9.5 |
| DUN14 (inner) | 05410288420127 |
| Units per outer package | 1 |
| Packaging outer length / height (cm) | 127.5 |
| Packaging outer width (cm) | 34.0 |
| Packaging outer depth (cm) | 9.5 |

Safety data

| | |
|----------------------------------|--------|
| Glow Wire Test (°C) | 850 |
| Optimal operating condition (°C) | -20-60 |