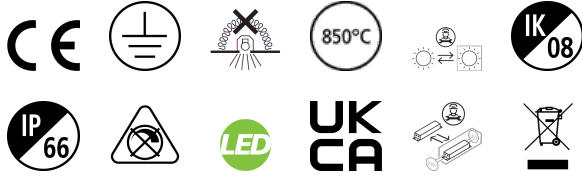


# PANEL IP66 CR R 623S CMPG L3 4000LM 940

Item No: 0042011

**SYLVANIA**

LiteGuard™



PANEL IP66 CR R 623S CMPG L3 4000LM 940 is a recessed LED lighting fixture designed for clean areas in hospitals, laboratories, microelectronics production, food industry, clean screwless design for easy cleaning with rounded edges of the frame eliminates the sediments and bacteriums creation, powder coated steel body with white finishing (RAL9016), diffuser made of clear tempered safety glass and MP plexiglass, 623x623x79mm luminaire dimensions, 4000lm luminous flux, 37W system power, 108lm/W efficacy, CRI Ra>90 4000K CCT light source, suitable for ambient temperatures from -20°C up to 60°C, lifespan: L80B10 70000h @Ta 30°C, L70B10 100000hr @ Ta 30°C, certified for clean areas in compliance with ISO 14644-1 class 2-9, minimum height of mounting space is 200 mm, electrical connection by means of ADELS connector, maximum cross section of wires 2,5 mm<sup>2</sup>, impact protection IK08, ingress protection rating IP66/IP50 upper side of the luminaire, electrical protection Class I, non-dimmable constant current driver, 5 years warranty, UGR<19.

# PANEL IP66 CR R 623S CMPG L3 4000LM 940

Item No: 0042011

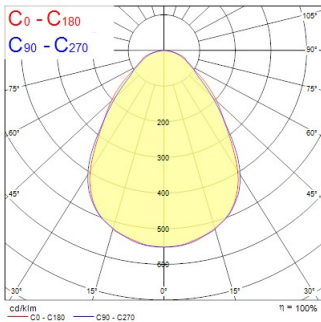
**SYLVANIA**

## Technical Assets

### Photometrics

|     |              |                                    |                    |
|-----|--------------|------------------------------------|--------------------|
| 0.5 | 0.82<br>0.82 | 50°<br>E(C90) 39.9°<br>E(C0) 39.2° | 3148<br>204<br>209 |
| 1.0 | 1.65<br>1.63 | 50°<br>E(C90) 39.9°<br>E(C0) 39.2° | 2187<br>89<br>810  |
| 1.5 | 2.47<br>2.45 | 50°<br>E(C90) 39.9°<br>E(C0) 39.2° | 872<br>224<br>227  |
| 2.0 | 3.30<br>3.28 | 50°<br>E(C90) 39.9°<br>E(C0) 39.2° | 547<br>136<br>127  |
| 2.5 | 4.12<br>4.08 | 50°<br>E(C90) 39.9°<br>E(C0) 39.2° | 280<br>81<br>82    |
| 3.0 | 4.95<br>4.89 | 50°<br>E(C90) 39.9°<br>E(C0) 39.2° | 243<br>88<br>87    |

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 623S<br>CMPG L3 4000LM 940 |
| Technology                       | LED                                        |
| Cap/Base                         | N/A                                        |
| Housing                          | Steel                                      |
| Mount                            | Ceiling recessed<br>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)        | 4000          |
| Luminaire efficacy (lm/W)         | 108           |
| 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           |

# PANEL IP66 CR R 623S CMPG L3 4000LM 940

Item No: 0042011

**SYLVANIA**

## 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 (mm²)                  | 0.5                         |
| Connectable conductor cross section - Max (mm²)                  | 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) | 623                              |
| Nominal Product Width (mm)  | 623                              |
| Nominal Product Height (mm) | 79                               |
| Weight (kg)                 | 12.0                             |

## Packaging

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288420110  |
| Packaging single length / height (cm) | 65.0           |
| Packaging single width (cm)           | 65.0           |
| Packaging single depth (cm)           | 9.5            |
| DUN14 (inner)                         | 05410288420110 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 65.0           |
| Packaging outer width (cm)            | 65.0           |
| Packaging outer depth (cm)            | 9.5            |

## Safety data

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