

Product data sheet

L 340 29W/940 LGS IP65V 621X621

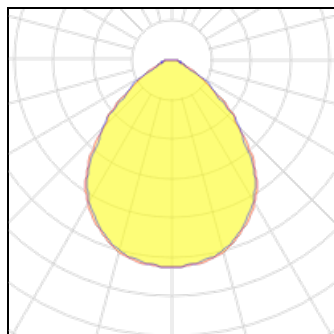
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ILLUMINOTECHNICAL Luminous efficiency 100% (DLOR 100%, ULOR 0%). Initial luminous flux of the luminaire 3611 lm. Direct symmetric distribution. Installation Interdistance Transv.D = 1.19 x hu - Long.D = 1.17 x hu. Average luminance <1500 cd/m² for radial angles >65°. Tabular UGR (CIE 117 - 4H-8H; S=0.25H; 70/50/20): RUG 16.2 - 16.3. Beam angle: 87° - 86°. Luminous efficacy 103 lm/W. Lifetime (L93/B10): 30000 h. (tq+25°C) Lifetime (L90/B10): 50000 h. (tq+25°C) Lifetime (L85/B10): 80000 h. (tq+25°C) Lifetime (L80/B10): 100000 h. (tq+25°C) Sudden decreased luminous flux after 50000 hours: 0% (C0). Photobiological safety in compliance with IEC/TR 62778: RG0 risk exempt, (IEC 62471). In compliance with IEC/EN 62722-2-1 - IEC/EN 62717 standards. SOURCE Squared LED module 29W/940. Energy efficiency class (UE 2019/2020 - UE 2019/2015): D. CIE 13.3 Colour rendering index: CRI >90 (R9 >50%). IES TM-30 Fidelity Index: Rf = 92 Rg = 101. CCT nominal colour temperature 4000 K. Colour initial tolerance (MacAdam): SDCM 3. MECHANICAL Housing in hot-galvanised steel, painted in white polyester. Perimetral frame in white polycarbonate. LGS micro-prismatic flat diffuser in transparent methacrylate (PMMA), multi-lenticular exterior, anti-glare. Anti-glare opal polycarbonate filter for brightness uniformity. Luminaire with limited surface temperature. - D - (EN 60598-2-24) Dimensions: 621x621 mm, height 80 mm. Weight 4.62 kg. IP65 protection degree for exposed part, IP40 for recessed part. Mechanical strength to impacts IK06 (1 joule). Glow-wire test resistance 650°C. ELECTRICAL Wiring on a separate unit. Halogen Free electronic wiring 230V-50/60Hz, power factor 0.95, THD <25%, constant output current, SELV, class II, 1 driver. Power of the luminaire 35 W. CE - IEC 60598-1 - EN 60598-1. SAFE FLICKER: PstLM=<1 and SVM=<0.4 (IEC TR 61547-1 and IEC TR 63158), to ensure a more comfortable and safe light. Luminaire compliant with EN 60598-2-22 for power supply from a centralised emergency system CPSS (Central Power Supply System), not incorporated in the luminaire - high risk areas excluded. The default power and flux are 100% in AC and 100% in DC. Ambient temperature from 0°C to +40°C. Temperature class T6 max 85°C. Relative humidity UR: <85%. INSTALLATION Lay-in recessed fitting. All accessories dedicated to this product are available on the Catalog and on our website www.3F-Filippi.com. APPLICATIONS Suitable product for food production plants (HACCP), IFS (Food Version 6), BRC (GSFS Food Version 7). In environments requiring protection and simplified cleaning. Hospitals, pharmaceutical, chemical, aseptic laboratories, sterilised rooms. Environments: with VDTs, meeting rooms, offices. Environments: architectural, commercial, staterooms, banks. Environments where demanding visual tasks are performed and soft diffuse light is required for optimal visual comfort and total shielding of the light source. WARNING Luminaire designed for disposal/recycling at end-of-life. Replaceable (LED only) light source by a professional. Replaceable control gear by a professional.

Light output 1 (integrated)



Lamp type	LED	CCT	4000 K
Nominal lamp power	35 W	CRI	90
Total flux	3611 lm	LOR	100%
Luminous efficacy	103 lm/W	Total power	35 W

Mounting mode

Ceiling recessed

Shape and measurements

Length: 24.45 in

Width: 24.45 in

Height: 3.15 in

Adjustability

Fixed

Design

Color of housing: White

Electric

System power: 35 W

Appliance Class: II

Protection

IP: 65

IK: 06