



LESEL HIGH POWER - SQUARE

Typology

LED source with SMD technology and high efficiency chip integrated into a recessed luminaire.

Features

Soft satin effect polycarbonate anti-glare diffuser.

Installation

Complete with springs for easy fastening into false ceilings.
Connection to the mains with terminal block.

Material

Thermally conductive body; extremely light and manageable.
White ring.

Notes

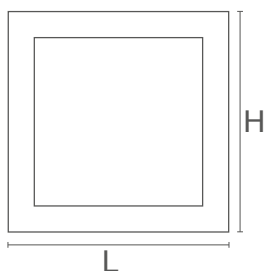
Do not use with dimmers except if otherwise indicated.



Characteristic data

| | | | | | | | |
|-------|-----------|------|--------|---------------------------|-----------------------|--------------|-------------|
| Power | 30 W | Beam | 90° | Dimmable | TRIAC/LEADING EDGE | Input | 220-240 Vac |
| Base | Free Wire | IP | 20 | Optical compartment IP | 43 | Flux | 2700 lm |
| PF | 0,95 | Tc | 3000 K | Ra | >80 | LED Warranty | G3 |
| Axis | 930 cd | RG | RG1 | | | | |

Dimensional characteristics



| | |
|----|--------|
| L | 230 mm |
| L1 | 230 mm |
| H | 60 mm |

| | |
|--------------|---------|
| Cutting hole | 200x200 |
|--------------|---------|


Lighting and photometric features

| | |
|---|--------------------|
| Beam opening | 90° |
| Flux | 2700 lm |
| CCT nominal colour temperature | 3000 K |
| Colour of the light | Warm light |
| Colour rendering index | >80 |
| Lifespan | 25000 h |
| LED lifespan | L70B20 |
| Trigger time | <0,2 s |
| Heating time up to 60% of full efficiency | Instant Full Light |

Electrical characteristics

| | |
|-----------------------------|--------------------|
| Rated power | 30 W |
| Input voltage | 220-240 Vac |
| Frequency | 50-60 Hz |
| Dimmable | TRIAC/LEADING EDGE |
| Power factor (PF) | 0,95 |
| Input current | 0.13 A |
| Weighted energy consumption | 30 kWh/1000h |
| Number of cycles | 100000 |
| Operating temperature | -25°C / +35°C |

Photometry



| | 3000K | H(m) | D(m) | Emax(lx) |
|------------------------------------|------------------|-------|-------|----------|
| | Ra80 | | 110° | |
| Fixture Power | 30W | 1 | 2.87 | 966 |
| Source Flux | 2700lm | 2 | 5.74 | 242 |
| Fixture Flux | 2700lm | 3 | 8.62 | 107 |
| Efficacy | 90lm/W | 4 | 11.49 | 60 |
| 847760 I _{max} =358cd/klm | I _{max} | 966cd | 5 | 14.36 |
| | | | | 39 |

EuLumDat file on the site

Other Infotech

| | |
|-----------|-----|
| Reflector | Yes |
|-----------|-----|

LED Warranty

| | |
|----|--|
| G3 | Up to 3 years (4000h/year) *4000h = 11h a day x 365 days. Without limitations on the duration of use for the first year, provided the observance of the installation conditions. |
|----|--|

European Directives

2009/125/EC * Ecodesign
2011/65/EU * RoHS
2012/19/EU * RAEE
2014/30/EU * EMC
2014/35/EU * LVD
2015/863 * Amending RoHS
2017/1369 * Regulation for Energy Labelling
2019/2015 * Regulation for Energy Labelling
2019/2020 * Regulation for Ecodesign
2021/340 * Amending Reg. Energy Labelling
2021/341 * Amending Reg. Ecodesign

Product standards

CEI EN 55015:2020 (+A11:2020)
CEI EN 60598-1:2022
CEI EN 60598-2-2:2012
CEI EN 61000-3-2:2019 (+A1:2021)
CEI EN 61000-3-3:2014 (+EC1:2014/+EC2:2016/+A1:2021/+A2:2022)
CEI EN 61547:2010
CEI EN 62031:2021 (+A11:2022)
CEI EN 62471:2010
IEC/TR 62471-2:2009
CEI EN 62493:2015
CEI 34-141:2014

Logistics data

| | |
|--------------------------------|---------------|
| Item net weight | 672 gr |
| Barcode single item | 8011905847760 |
| Number of pieces multiple pack | 6 |
| Barcode multiple pack | 8011905847777 |
| Minimum order quantity | 6 |