



RTF100 - SQUARE

Typology

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

Features

Aluminium finned body for best heat dissipation.

Installation

Complete with springs for easy fastening into false ceilings.

Material

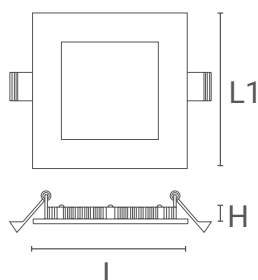
Die-cast aluminium body.



Characteristic data

| | | | | | | | |
|-------|--------|------|--------|------------------------|----|--------------|-------------|
| Power | 14 W | Beam | 110° | Dimmable | No | Input | 220-240 Vac |
| Base | Wire | IP | 20 | Optical compartment IP | 43 | Flux | 1390 lm |
| PF | 0.5 | Tc | 6000 K | Ra | 90 | LED Warranty | G5h24 |
| Axis | 675 cd | RG | RG0 | | | | |

Dimensional characteristics



| | |
|----|--------|
| L | 145 mm |
| L1 | 145 mm |
| H | 26 mm |

| | |
|--------------|---------|
| Cutting hole | 120x120 |
|--------------|---------|

Lighting and photometric features

| | |
|---|--------------------|
| Beam opening | 110° |
| Flux | 1390 lm |
| CCT nominal colour temperature | 6000 K |
| Colour of the light | Cool light |
| Colour rendering index | 90 |
| Lifespan | 50000 h |
| LED lifespan | L80B20 |
| Trigger time | <0,2 s |
| Heating time up to 60% of full efficiency | Instant Full Light |

Electrical characteristics

| | |
|-----------------------|---------------|
| Rated power | 14 W |
| Input voltage | 220-240 Vac |
| Frequency | 50-60 Hz |
| Dimmable | No |
| Power factor (PF) | 0.5 |
| Operating temperature | -25°C / +35°C |

Photometry

| | 6000K | H(m) | D(m) | E _{max} (lx) |
|------------------------------------|------------------|------|-------|-----------------------|
| | Ra90 | | 106° | |
| Fixture Power | 14W | 1 | 2.66 | 533 |
| Source Flux | 1390lm | 2 | 5.32 | 133 |
| Fixture Flux | 1390lm | 3 | 7.97 | 59 |
| Efficacy | 99lm/W | 4 | 10.63 | 33 |
| 987640 I _{max} =383cd/klm | I _{max} | 5 | 13.29 | 21 |

EulumDat file on the site

LED Warranty

| | |
|-------|---|
| G5h24 | Full Guarantee 5 years (24h/24h) 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 | 226 gr |
| Barcode single item | 8011905987640 |
| Number of pieces multiple pack | 10 |
| Barcode multiple pack | 8011905989927 |
| Minimum order quantity | 1 |
| Minimum packaging | 1 / 10 |