



REFL CCT

Typology

High-efficiency COB LED sources integrated in a recessed luminaire, Ra>90, 50000 hours, with selectable light colour.
Remote driver included.
The lumen and power data indicated refers to the 4000K colour temperature.

Features

Family declined in 4 power ratings and 3 standard sizes.
Dip-switch for colour temperature selection located on the luminaire body.
Protective diffuser screen.
Flicker Free.

Installation

Complete with springs for easy fastening into false ceilings.

Material

Die-cast aluminium body.



220-240
Vac

Ra 90



50000 h
L70B20

IP20 VI
IP43 VO

Free termi-
nals

-25°C
+35°C

Risk
Group 1

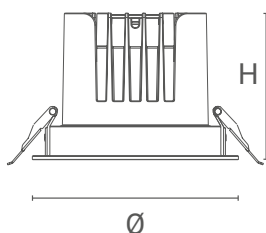
UGR <19



Characteristic data

| | | | | | | | |
|-------|----------------|--------------|-------|------------------------|-----|-------|------------------|
| Power | 12 W | Beam | 55° | Dimmable | No | Input | 220-240 Vac |
| Base | Free terminals | IP | 20 | Optical compartment IP | 43 | Flux | 1100 lm |
| Axis | 1400 cd | PF | 0.5 | UGR | <19 | Tc | 3000-4000-6000 K |
| Ra | 90 | LED Warranty | G5h24 | RG | RG1 | | |

Dimensional characteristics



| | |
|---|--------|
| Ø | 100 mm |
| H | 70 mm |

| | |
|--------------|----|
| Cutting hole | 90 |
|--------------|----|

Lighting and photometric features

| | |
|--------------------------------|------------------|
| Beam opening | 55° |
| Flux | 1100 lm |
| Axis | 1400 cd |
| CCT nominal colour temperature | 3000-4000-6000 K |
| Colour of the light | CCT |
| Colour rendering index | 90 |
| Lifespan | 50000 h |
| LED lifespan | L70B20 |
| UGR | <19 |

Electrical characteristics

| | |
|-----------------------------|---|
| Rated power | 12 W |
| Input voltage | 220-240 Vac |
| Frequency | 50/60 Hz |
| Dimmable | No |
| Power factor (PF) | 0.5 |
| Input current | 0.104 A |
| Weighted energy consumption | 12 kWh/1000h |
| Energy efficiency class | This product contains a light source of energy efficiency class "E" |
| Operating temperature | -25°C / +35°C |

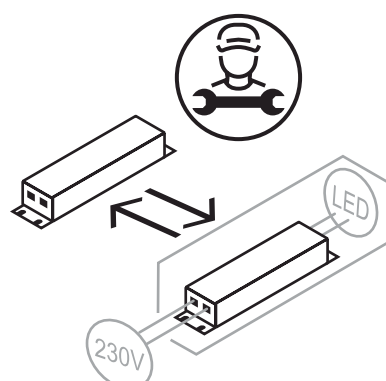
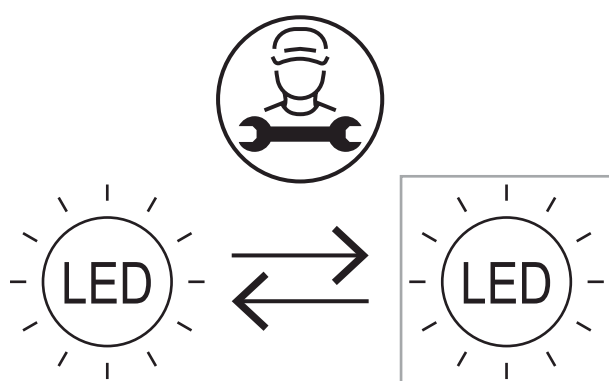
Photometry

|  | 4000K | H(m) | D(m) | Emax(lx) | |
|--|-------------------------------------|------------------|--------|----------|------|
| | Ra90 | | 51° | | |
| | Fixture Power | 12W | 1 | 0.96 | 1507 |
| | Source Flux | 1100lm | 2 | 1.91 | 377 |
| | Fixture Flux | 1100lm | 3 | 2.87 | 167 |
| | Efficacy | 92lm/W | 4 | 3.82 | 94 |
| | 017453 I _{max} =1383cd/klm | I _{max} | 1521cd | 5 | 4.78 |

EuLumDat file on the site

Other Infotech

| | |
|-----------------------------|--|
| Flicker Free | Yes |
| Light source replaceability | Replaceable (LED only) light source by a professional. |
| Control gear replaceability | Replaceable control gear by a professional. |



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 | 264 gr |
| Barcode single item | 8011905017453 |
| Number of pieces multiple pack | 30 |
| Minimum order quantity | 1 |
| Minimum packaging | 1 / 30 |