



RTF DOWNLIGHT IP65

Typology

LED source with SMD technology and high efficiency chip integrated into a IP65 recessed luminaire.

Features

IP65 fixture both optical/front side and the back/component side; complete with an IP65 remote driver.

Installation

Aluminium finned dissipation body.
Grey ring.

Usage information

Complete with springs for easy fastening into false ceilings.
Connection to mains with free wires.

Notes

It can be used in areas 1 and 2.
Area 1 (above and in the immediate vicinity of the swimming pool): IPX5 for small swimming pools inside buildings, which generally are not cleaned with water jets.
Area 2 (at about 2 metres away from the swimming pool): IPX5 in the event that water jets might be used to clean.

| | | | | | | | | | |
|-------------|--------|--|---------|------|------|----------------|-----|------|--|
| 100-240 Vac | Ra >80 | | 30000 h | IP65 | Wire | -25°C +35°C | RG1 | PLUS | |
| G3 | | | | | | | | | |

Characteristic data

| | | | | | | | |
|-------|--------|------|------|--------------|--------|-------|-------------|
| Power | 13 W | Beam | 100° | Dimmable | No | Input | 100-240 Vac |
| Base | Wire | IP | 65 | Flux | 900 lm | PF | 0,90 |
| Tc | 3000 K | Ra | >80 | LED Warranty | G3 | Axis | 398 cd |
| RG | RG1 | | | | | | |

Dimensional characteristics

| | | | |
|---|--------|--------------|-----|
| ∅ | 135 mm | Cutting hole | 125 |
| H | 57 mm | | |

Lighting and photometric features

| | |
|---|--------------------|
| Beam opening | 100° |
| Flux | 900 lm |
| CCT nominal colour temperature | 3000 K |
| Colour of the light | Warm light |
| Colour rendering index | >80 |
| Lifespan | 30000 h |
| LED lifespan | L70B20 |
| Trigger time | <0,2 s |
| Heating time up to 60% of full efficiency | Instant Full Light |

Electrical characteristics

| | |
|-----------------------------|---------------|
| Rated power | 13 W |
| Input voltage | 100-240 Vac |
| Frequency | 50-60 Hz |
| Dimmable | No |
| Power factor (PF) | 0,90 |
| Input current | 0.08 A |
| Weighted energy consumption | 13 kWh/1000h |
| Number of cycles | 100000 |
| Operating temperature | -25°C / +35°C |

Photometry



| | 3000K | H(m) | D(m) | Emax(lx) | | |
|---------------|----------------|------|-------|----------|-------|----|
| | Ra80 | | 97° | | | |
| Fixture Power | 13W | 1 | 2.27 | 382 | | |
| Source Flux | 900lm | 2 | 4.54 | 96 | | |
| Fixture Flux | 900lm | 3 | 6.81 | 42 | | |
| Efficacy | 69lm/W | 4 | 9.08 | 24 | | |
| 836535 | Imax=425cd/klm | Imax | 382cd | 5 | 11.34 | 15 |

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. |
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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 | 276 gr |
| Barcode single item | 8011905836535 |