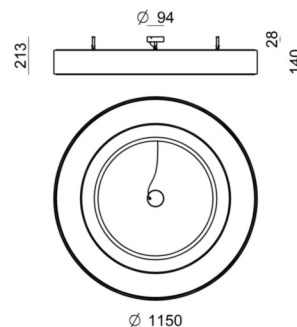




Ceiling Lights | 220-240 V | topLED 98 W 1550 mA | DALI | CRI 90
7651



| Technical data | |
|--|---------------------|
| Installation position | Ceiling |
| Installation environment | Indoor |
| Light Source | LED |
| Optics | General Lighting |
| Light emission direction | downward and upward |
| Power | 98 W |
| Luminous flux (source) | 13961 lm |
| Frequency | 60 - 50 Hz |
| CCT / Tonalità | 3000 K |
| Colour rendering index | 90 Ra |
| Safety class | 1 |
| IP | IP40 |
| Glow wire test | 650° |
| Direct mounting on normally flammable surfaces | Yes |
| CE | Yes |
| ETL | No |
| Driver included | Yes |
| Dimmable article | DALI |
| Induzione | No |
| Emergency mode | No |
| Motion sensor | No |
| Directional | No |
| Tilting | No |
| Walk-over | No |
| Drive-over | No |
| Cable included | No |
| Resin potting | No |
| Net weight | 18 Kg |

| Finishing casing | |
|------------------|-------------------------|
| Material | Iron |
| Colour | embossed white RAL 9003 |
| Processing | Coating |

| Finishing diffuser | |
|--------------------|---------|
| Material | PE |
| Colour | neutral |

| Finishing mounting frame | |
|--------------------------|-------------------------|
| Material | Iron |
| Colour | embossed white RAL 9003 |
| Processing | Coating |

Ceiling Lights | 220-240 V | topLED 98 W 1550 mA | DALI | CRI 90
7651

Double emission ceiling lights for indoor application. The warm white LED light source with a general lighting light distribution is composed of 126 topLED LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 13961 lm, with a 142.5 lm/W nominal luminous efficacy and an operating lifetime (L80) of 80000 hours.

The device body is made of iron and features a embossed white ral 9003 finish, processed by means of coating; the diffuser is made of pe; the mounting frame is made of iron, with a embossed white ral 9003 finish, processed by means of coating. The ingress protection degree is IP40; the total weight is of 18 kg. The power supply driver is included in the delivery.

The total absorbed power is 98 W.

The device features protection class I and can be ceiling-mounted.

Illuminotechnical Features

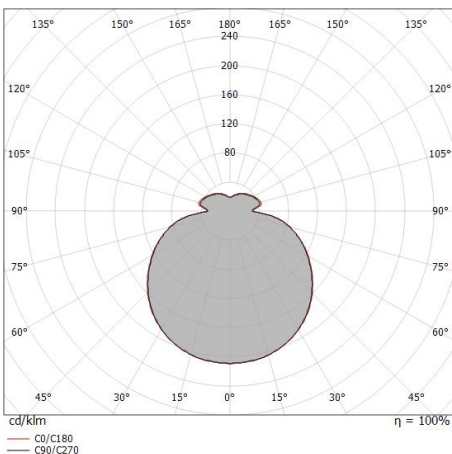
| | |
|---------------------------------------|----------------|
| Light Output Ratio (LOR) | 80 % |
| Luminous flux (source) | 13961 lm |
| Luminaire luminous flux | 11265 lm |
| Consumption | 98 W |
| Luminaire efficacy | 114 lm/W |
| Colour temperature | 3000 K |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Colour rendering index | 90 Ra |
| Life / Failure ratio | L80C0B20 |

UGR

| | |
|-------------------|----------|
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |
| UGR transversal | < 22 |
| UGR axial | < 22 |

OPTICAL

| | |
|-----------------------------|-------------|
| Light distribution simmetry | Symmetrical |
| Optica C0/C180 | 135° |



| Distance [m] | Cone diameter [m] | Illuminance [lx] |
|--------------|-------------------|---------------------------------------|
| 0.5 | 2.40 2.46 | E(0°) 9429 E(C90) 268 E(C0) 251 |
| 1.0 | 4.80 4.93 | E(0°) 2357 E(C90) 67 E(C0) 63 |
| 1.5 | 7.21 7.39 | E(0°) 1048 E(C90) 30 E(C0) 28 |
| 2.0 | 9.61 9.85 | E(0°) 589 E(C90) 17 E(C0) 16 |
| 2.5 | 12.01 12.31 | E(0°) 377 E(C90) 11 E(C0) 10 |
| 3.0 | 14.41 14.78 | E(0°) 262 E(C90) 7 E(C0) 7 |

— C0/C180 (Half-peak divergence: 135.8°)
- - C90/C270 (Half-peak divergence: 134.8°)