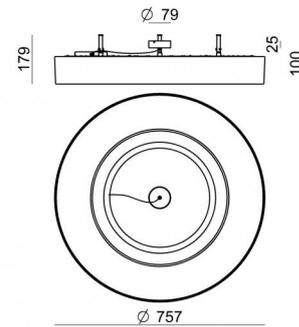
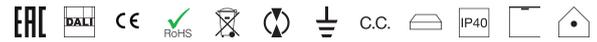




Ceiling Lights | 220-240 V
84 topLED 29 W DC - 36 W AC | CRI 90
7653N



| Technical data | |
|--|---------------------|
| Construction year | 2016 |
| Type | Surface |
| Installation position | Ceiling |
| Installation environment | Indoor |
| Light Source | LED |
| Circuit structure | topLED |
| Optics | Diffused |
| Light emission direction | downward and upward |
| Nominal power | 29 W DC |
| Total Power | 36 W |
| Source lumens | 4048 lm |
| Voltage | 220 - 240 V AC |
| Frequency | 50 - 60 Hz |
| CCT / Tone | 4000 K |
| Colour rendering index | 90 Ra |
| C.C. / C.V. | AC |
| Safety class | 1 |
| IP | IP40 |
| Glow wire test | 650° |
| Direct mounting on normally flammable surfaces | Yes |
| CE | Yes |
| Driver included | Driver |
| Dimmable article | DALI - PUSH DIM |
| Directional | No |
| Tilting | No |
| Walk-over | No |
| Drive-over | No |
| Cable included | No |
| Resin potting | No |
| Type of light emission | Double emission |
| Net weight | 8 Kg |
| Electrostatic discharge protection | No |
| Surge protection | No |

Finishing casing

| | |
|------------|---------|
| Material | metal |
| Colour | White |
| Processing | Coating |

Finishing diffuser

| | |
|----------|---------|
| Material | PE |
| Colour | neutral |

Finishing mounting frame

| | |
|------------|---------|
| Material | metal |
| Colour | White |
| Processing | Coating |



Ceiling Lights | 220-240 V | 84 topLED 29 W DC - 36 W AC | CRI 90 | Base 7653N

Double emission ceiling lights for indoor application. The natural white LED light source with a diffused light distribution is composed of 84 topped LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 4048 lm, with a 139.6 lm/W nominal luminous efficacy.

The device body is made of metal and features a white finish, processed by means of coating; the diffuser is made of pe; the mounting frame is made of metal, with a white finish, processed by means of coating. The ingress protection degree is IP40; the total weight is of 8 kg.

The total absorbed power is 36 W.

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

Compliant with the EN 60598-1 standard and its specific provisions.

Energy efficiency class

This product contains 14 light sources of energy efficiency class E.

Illuminotechnical Features

| | |
|---|----------------|
| Light Output Ratio (LOR) | 90 % |
| Source lumens | 4048 lm |
| Delivered lumens | 3650 lm |
| Consumption | 36 W |
| Luminaire efficacy | 101 lm/W |
| Colour temperature | 4000 K |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Colour rendering index | 90 Ra |
| Junction temperature (lighting fixture) | 80 |
| Standard Operating Ambient Temperature | 25°C |

LED Life / Failure Ratio

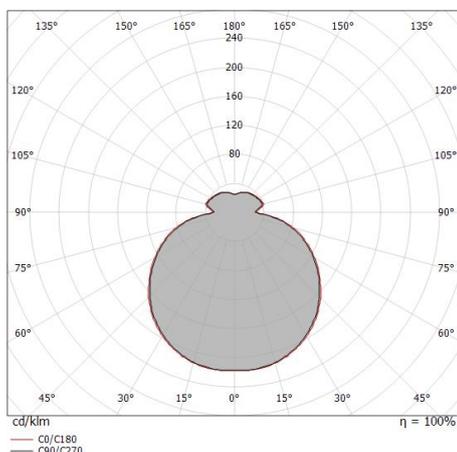
L80 B20 C0 80h

UGR

| | |
|-------------------|----------|
| UGR axial | 19.9 |
| UGR transversal | 20 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| C0/C180 optics | 131° |
| Light distribution simmetry | Symmetrical |



| Distance [m] | Cone diameter [m] | illuminance [lx] |
|--------------|-------------------|---------------------------------------|
| 0.5 | 2.19 2.28 | E(0°) 3178 E(C90) 114 E(C0) 104 |
| 1.0 | 4.39 4.56 | E(0°) 795 E(C90) 28 E(C0) 26 |
| 1.5 | 6.58 6.83 | E(0°) 353 E(C90) 13 E(C0) 12 |
| 2.0 | 8.78 9.11 | E(0°) 199 E(C90) 7 E(C0) 6 |
| 2.5 | 10.97 11.39 | E(0°) 127 E(C90) 5 E(C0) 4 |
| 3.0 | 13.17 13.67 | E(0°) 88 E(C90) 3 E(C0) 3 |

Distance [m] Cone diameter [m] illuminance [lx]

— C0/C180 (Half-peak divergence: 132.6°)
— C90/C270 (Half-peak divergence: 131.0°)