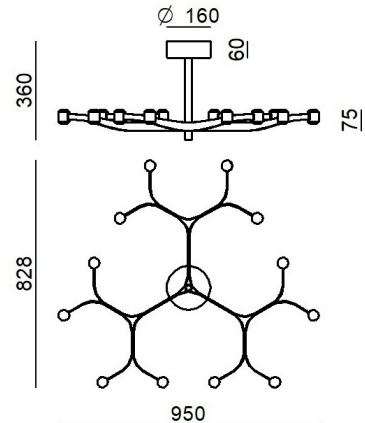


Ceiling Downlights | 200-240 V  
 1 topLED 44 W DC - 51 W AC | CRI 90  
**CZ042CBBMDI**



Technical data	
Designer	Pio and Tito Toso
Construction year	2026
Type	Ceiling Downlights
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	topLED
Optics	Diffused
Light emission direction	downward and upward
Nominal power	44 W DC
Total Power	51 W
Source lumens	6248 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	200 - 240 V AC
Frequency	50 - 60 Hz
CCT / Tone	2700 K
Colour rendering index	90 Ra
C.C. / C.V.	AC
Safety class	1
IP	IP20
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	DALI-2 - PUSH DIM
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Double emission
Electrostatic discharge protection	No
Surge protection	No

**Finishing Finishing casing**

Material	Aluminium
Colour	Text black (R9005)
Processing	Coating

**Finishing Finishing diffuser**

Material	PC
Colour	opaline

**Finishing Finishing mounting frame**

Material	Iron
Colour	Text black (R9005)
Processing	Coating

Ceiling Downlights | 200-240 V | 1 topLED 44 W DC - 51 W AC | CRI 90 | Base **CZ042CBBMDI**

Double emission ceiling downlights for indoor application. The super warm white LED light source with a diffused light distribution is composed of 8 toped LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 6248 lm, with a 142.0 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a text black (r9005) finish, processed by means of coating; the diffuser is made of PC; the mounting frame is made of iron, with a text black (r9005) finish, processed by means of coating.

The ingress protection degree is IP20;

The total absorbed power is 51 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 a light source of energy efficiency class E.

**Illuminotechnical Features**

Light Output Ratio (LOR)	42 %
Source lumens	6248 lm
Delivered lumens	2641 lm
Consumption	51 W
Luminaire efficacy	51 lm/W
Colour temperature	2700 K
Colour rendering index	90 Ra
Junction temperature (lighting fixture)	80
Standard Operating Ambient Temperature	25°C

**LED Life / Failure Ratio**

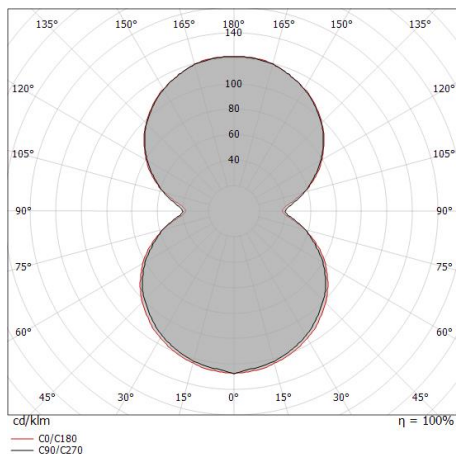
L70 B20 C0 72500h

**UGR**

UGR axial	12.7
UGR transversal	12.8
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

**OPTICAL**

C0/C180 optics	142°
Light distribution simmetry	Symmetrical

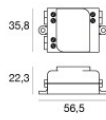


Distance [m]	Cone diameter [m]	Illuminance [lx]	E(0°)	E(C90)	E(C0)
0.5	2.92 3.04	1346 23 21	71.1°	71.1°	71.8°
1.0	5.84 6.08	337 6 5	71.1°	71.1°	71.8°
1.5	8.76 9.12	150 3 2	71.1°	71.1°	71.8°
2.0	11.68 12.17	84 1 1	71.1°	71.1°	71.8°
2.5	14.60 15.21	54 1 1	71.1°	71.1°	71.8°
3.0	17.52 18.25	37 1 1	71.1°	71.1°	71.8°

Distance [m]      Cone diameter [m]      Illuminance [lx]

— C0/C180 (Half-peak divergence: 143.6°)  
— C90/C270 (Half-peak divergence: 142.2°)

Fronda | Ceiling Downlights | Accessories  
**CZ042CBBMDI**



Dimmer - 0-10V, 1-10V or DALI dimming interface  
Bluetooth, 220-240V

**Code**  
KIT0079