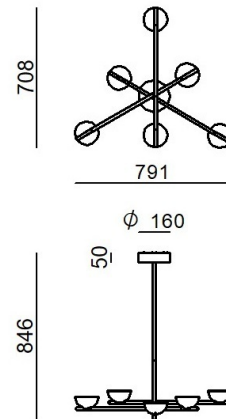
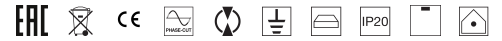


Pendant Luminaires | 198-264 V
6 topLED 46 W DC - 54 W AC | CRI 90
CZ012DWTMDI



Technical data	
Designer	Paolo Cappello
Construction year	2026
Type	Pendant Luminaires
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	topLED
Optics	Diffused
Light emission direction	downward and upward
Nominal power	46 W DC
Total Power	54 W
Source lumens	6293 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	198 - 264 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	650°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	Phase cut
Directional	Swivelling
total angle (vertical plane)	350 °
total angle (horizontal plane)	0 °
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	Polished white (R9003)/text white (R9003)
Processing	Coating

Finishing Finishing diffuser

Material	PMMA
Colour	opaline

Finishing Finishing mounting frame

Material	Aluminium
Colour	Text white (R9003)
Processing	Coating

Pendant Luminaires | 198-264 V | 6 topLED 46 W DC - 54 W AC | CRI 90 | Base
CZ012DWTMDI

Double emission pendant luminaires for indoor application. The super warm white LED light source with a diffused light distribution is composed of 360 topLEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 6293 lm, with a 136.8 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a polished white (r9003)/text white (r9003) finish, processed by means of coating; the diffuser is made of pmma; the mounting frame is made of aluminium, with a text white (r9003) finish, processed by means of coating.

The ingress protection degree is IP20;

The total absorbed power is 54 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 6 light sources of energy efficiency class E.

Illuminotechnical Features

Light Output Ratio (LOR)	62 %
Source lumens	6293 lm
Delivered lumens	3916 lm
Consumption	54 W
Luminaire efficacy	72 lm/W
Colour temperature	2700 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

L70 B10 C0 102000h (at Tj 115 Ta 25)

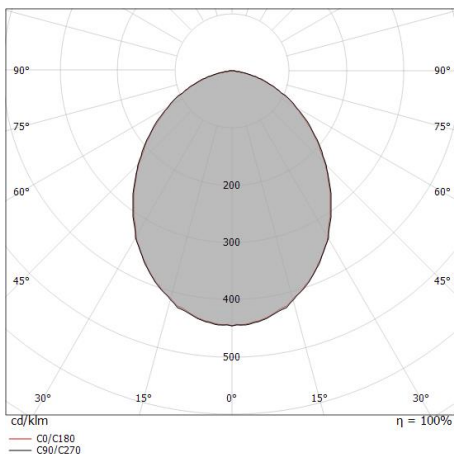
L90 B10 C0 55000h

UGR

UGR axial	17.6
UGR transversal	17.5
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

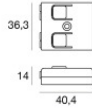
C0/C180 optics	92°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	1.05 1.04	E(0°) 6969 E(C90) 1151 E(C0) 1170
1.0	2.09 2.07	E(0°) 1742 E(C90) 288 E(C0) 293
1.5	3.14 3.11	E(0°) 774 E(C90) 128 E(C0) 130
2.0	4.19 4.14	E(0°) 436 E(C90) 72 E(C0) 73
2.5	5.23 5.18	E(0°) 279 E(C90) 46 E(C0) 47
3.0	6.28 6.21	E(0°) 194 E(C90) 32 E(C0) 33

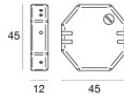
— C0/C180 (Half-peak divergence: 92.0°)
 — C90/C270 (Half-peak divergence: 92.6°)

Nido | Pendant Luminaires | Accessories
CZ012DWTMDI



Dimmer - Phase cut CASAMBI - Essential for dimming the lamp with Casambi
 Radio-frequenza, 85-240V

Code
KIT0080



Dimmer - Phase cut (Max 100W) - Essential for dimming the lamp
 220-240V

Code
KIT0026