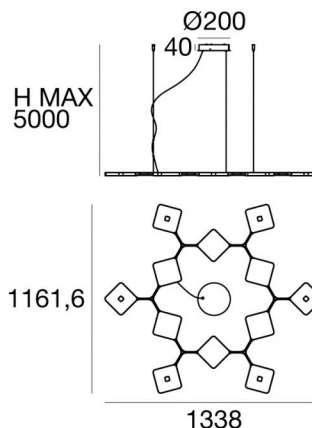
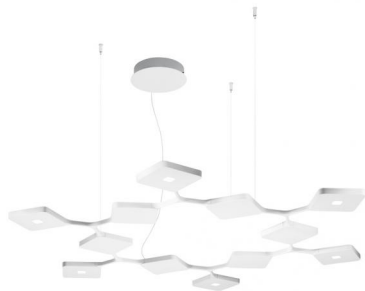


# Quad\_P12



Pendant Luminaires | 220-240 V  
165 topLED 85 W DC - 90 W AC | CRI 90

8524



Technical data	
Designer	Pio e Tito Toso
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	85 W DC
Total Power	90 W
Source lumens	8741 lm
Voltage	220 - 240 V AC
Frequency	60 - 50 Hz
CCT / Tone	3000 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 - PUSH DIM
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	Yes
Cable length	5 m
Resin potting	No
Type of light emission	Double emission
Net weight	7.8 Kg
Electrostatic discharge protection	No
Surge protection	No

Finishing casing	
Material	Aluminium
Colour	White
Processing	Coating
Finishing diffuser	
Material	PC
Colour	transparent
Finishing mounting frame	
Material	metal
Colour	White
Processing	Coating
Cables Electrification+ suspension	
Max cable length	5000 mm



Pendant Luminaires | 220-240 V | 165 topLED 85 W DC - 90 W AC | CRI 90 | Base  
8524

Double emission pendant luminaires for indoor application. The warm white LED light source with a diffused light distribution is composed of 165 topLED LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 8741 lm, with a 102.8 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a white finish, processed by means of coating; the diffuser is made of PC; the mounting frame is made of metal, with a white finish, processed by means of coating. The ingress protection degree is IP20; the total weight is of 7.8 kg.

The total absorbed power is 90 W. The power supply cable is included and features a 5 m length.

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 F.

### Illuminotechnical Features

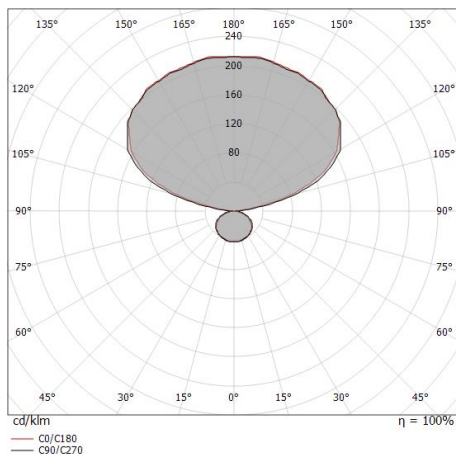
Light Output Ratio (LOR)	82 %
Source lumens	8741 lm
Delivered lumens	7203 lm
Consumption	90 W
Luminaire efficacy	80 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra
Junction temperature (lighting fixture)	80
Standard Operating Ambient Temperature	25°C

### LED Life / Failure Ratio

L70 B20 C0 72500h (at Tj 115 Ta 25 )

### OPTICAL

C90/C270 optics	136°
C0/C180 optics	129°
Light distribution symmetry	Symmetrical 2 axis





Dimmer  
Bluetooth, 220-240V

**Code**  
KIT0079