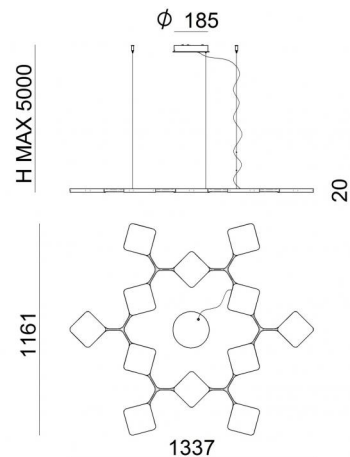


# Quad\_P12



Pendant Luminaires | 220-240 V  
54 topLED 86 W DC - 91 W AC | CRI 90  
8112



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	upward
Nominal power	86 W DC
Total Power	91 W
Source lumens	8676 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	Single 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
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Pendant Luminaires | 220-240 V | 54 topLED 86 W DC - 91 W AC | CRI 90 | Base 8112

Single emission pendant luminaires for indoor application. The warm white LED light source with a diffused light distribution is composed of 54 topped LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 8676 lm, with a 100.9 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 91 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)	84 %
Source lumens	8676 lm
Delivered lumens	7345 lm
Consumption	91 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

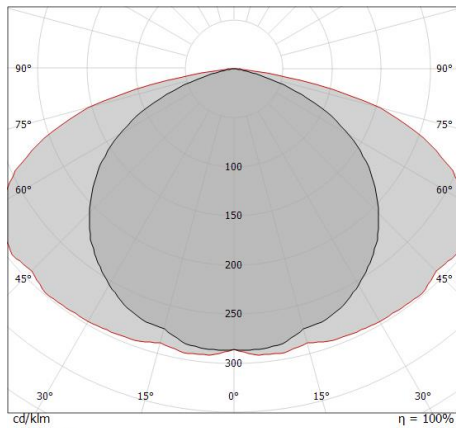
L80 B20 C0 80000h

### UGR

UGR axial	12.9
UGR transversal	17.9
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C90/C270 optics	117°
C0/C180 optics	150°
Light distribution symmetry	Symmetrical 2 axis



Distance [m]	Cone diameter [m]	Illuminance [lx]	E(0°)	E(C90)	E(C0)
0.5	1.64 3.78	8414 599 74	58.6°	58.6°	75.2°
1.0	3.28 7.57	2104 150 18	58.6°	58.6°	75.2°
1.5	4.91 11.35	935 67 8	58.6°	58.6°	75.2°
2.0	6.55 15.14	526 37 5	58.6°	58.6°	75.2°
2.5	8.19 18.92	337 24 3	58.6°	58.6°	75.2°
3.0	9.83 22.71	234 17 2	58.6°	58.6°	75.2°

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

— C0/C180 (Half-peak divergence: 150.4°)  
— C90/C270 (Half-peak divergence: 117.2°)



Dimmer  
Bluetooth, 220-240V

**Code**  
KIT0079