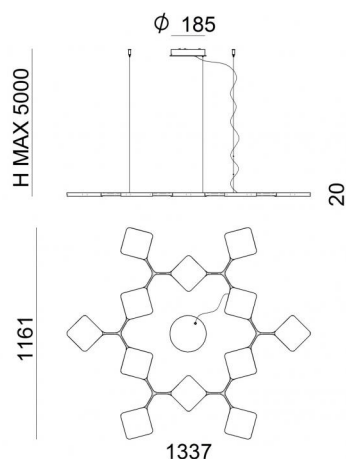
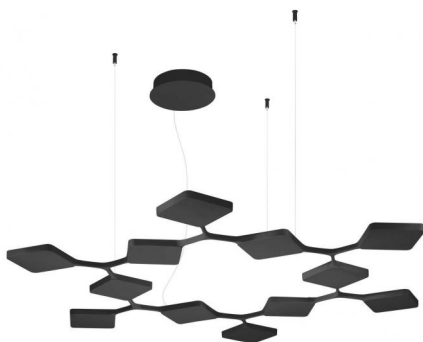


Quad_P12



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

8113



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	Black
Processing	Coating

Finishing diffuser

Material	PC
Colour	transparent

Finishing mounting frame

Material	metal
Colour	Black
Processing	Coating

Cables Electrification+suspension

Max cable length	5500 mm
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Pendant Luminaires | 220-240 V | 54 topLED 86 W DC - 91 W AC | CRI 90 | Base 8113

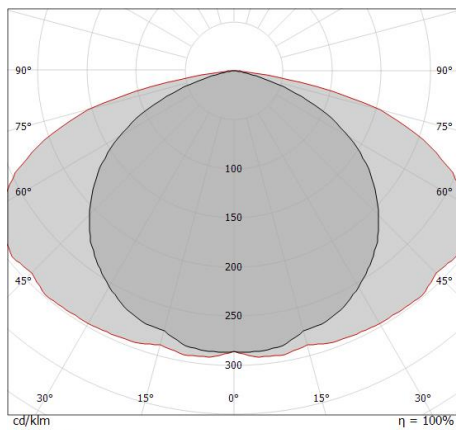
Single emission pendant luminaires for indoor application. The warm white LED light source with a diffused light distribution is composed of 54 topped LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 8676 lm, with a 100.9 lm/W nominal luminous efficacy.

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



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

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

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

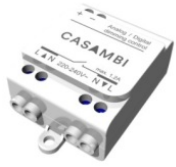
L80 B20 C0 80000h

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



Dimmer
Bluetooth, 220-240V

Code
KIT0079