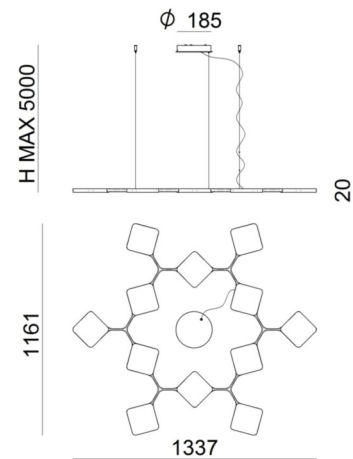


Quad_P12



Pendant Luminaires | 220-240 V | topLED 91 W 1600 mA | DALI | CRI 90
8113



Technical data	
Designer	Pio e Tito Toso
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Optics	General Lighting
Light emission direction	downward
Power	91 W
Luminous flux (source)	9160 lm
Frequency	60 - 50 Hz
CCT / Tonalità	3000 K
Colour rendering index	90 Ra
Safety class	1
IP	IP20
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
ETL	No
Driver included	Yes
Dimmable article	DALI
Induzione	No
Emergency mode	No
Motion sensor	No
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No

Finishing casing

Material	Aluminium
Colour	black RAL 9005
Processing	Coating

Finishing diffuser

Material	PC
Colour	transparent

Finishing mounting frame

Material	Iron
Colour	black RAL 9005
Processing	Coating



Pendant Luminaires | 220-240 V | topLED 91 W 1600 mA | DALI | CRI 90
8113

Single emission pendant luminaires for indoor application. The warm white LED light source with a general lighting light distribution is composed of 54 topLED LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 9160 lm, with a 100.7 lm/W nominal luminous efficacy and an operating lifetime (L80) of 80000 hours.

The device body is made of aluminium and features a black ral 9005 finish, processed by means of coating; the diffuser is made of PC; the mounting frame is made of iron, with a black ral 9005 finish, processed by means of coating. The ingress protection degree is IP20; The power supply driver is included in the delivery.

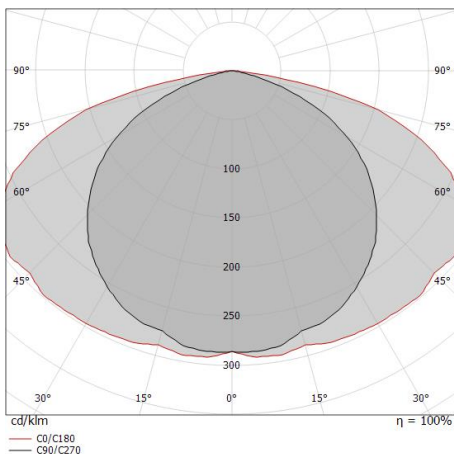
The total absorbed power is 91 W.

The device features protection class I and can be ceiling-mounted.

Illuminotechnical Features	
Light Output Ratio (LOR)	80 %
Luminous flux (source)	9160 lm
Luminaire luminous flux	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
Life / Failure ratio	L80C0B20

UGR	
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20
UGR transversal	< 19
UGR axial	< 16

OPTICAL	
Light distribution simmetry	Asymmetrical
Ottica C0/C180	150°
Ottica C90/C270	117°



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

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



Quad_P12 | Pendant Luminaires | Accessories
8113



Dimmer
Bluetooth, 220-240V

Code
KIT0079