

Pendant Luminaires | 18 topLED 37 W DC - 43 W AC CRI 90

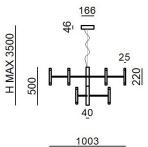
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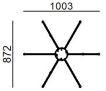




Type	Technical data	
Installation environment Light Source Light Source Diffused Circuit structure Optics Diffused Cownward and upward Nominal power Total Power Source lumens So	Туре	
Light Source topLED Circuit structure topLED Optics Diffused Light emission direction downward and upward Nominal power 37 W DC Total Power 43 W Source lumens 5576 Im Nominal input voltage 220 - 240 V AC 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 DIM Directional No Tilting No Walk-over No Cable included Yes Cable length 3 m Resin potting No No Type of light emission No No No Walk-weight 2.600 Kg Electrostatic discharge protection No	Installation position	Ceiling
Circuit structure Optics Diffused Light emission direction Nominal power Total Power Source lumens S576 Im Nominal input voltage CCT / Tone 3000 K Colour rendering index G.C. / C.V. AC Safety class 1 IP IP20 Glow wire test Direct mounting on normally flammable surfaces CE Driver included Driver Dimmable article Dimmable article Directional No Tilting No Walk-over No Cable included Tyes Cable length Resin potting No Type of light emission Net weight Electrostatic discharge protection DAT W DC A3 W W AS W AS	Installation environment	Indoor
Optics Diffused Light emission direction downward and upward Nominal power 37 W DC Total Power 43 W Source lumens 5576 Im Nominal input voltage 220 - 240 V AC 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 Dirver included Driver Dimmable article DIM Directional No Tilting No Walk-over No Cable included Yes Cable length 3 m Resin potting No Type of light emission Not weight Electrostatic discharge protection No	Light Source	LED
Light emission direction Nominal power Total Power 37 W DC Total Power 43 W Source lumens Nominal input voltage 220 - 240 V AC CCT / Tone 3000 K Colour rendering index 90 Ra C.C. / C.V. AC Safety class 1 IP IP20 Glow wire test B50° Direct mounting on normally flammable surfaces Yes CE Yes Driver included Driver Dimmable article Dimmable article Dimmable article Dimmable article Directional No Tilting No Walk-over No Cable included Yes Cable length Resin potting No Type of light emission Net weight Electrostatic discharge protection No OCCAD Total Power 43 W AS W	Circuit structure	topLED
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Source lumens 5576 lm Nominal input voltage 220 - 240 V AC 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-2 - PUSH DIM Directional No Tilting No Walk-over No Drive-over No Cable included Yes Cable length 3 m Resin potting No Type of light emission Double emission Net weight 2.600 Kg Electrostatic discharge protection No	Nominal power	37 W DC
Nominal input voltage 220 - 240 V AC 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-2 - PUSH DIM Dimmable article DIM Directional No Tilting No Walk-over No Drive-over No Cable included Yes Cable length 3 m Resin potting No Type of light emission Double emission Net weight 2.600 Kg Electrostatic discharge protection No	Total Power	43 W
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 DIM Directional No Tilting No Walk-over No Drive-over No Cable included Yes Cable length 3 m Resin potting No Type of light emission Double emission Net weight 2.600 Kg Electrostatic discharge protection No	Source lumens	5576 lm
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IP20	C.C. / C.V.	AC
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CE Yes Driver included Driver Dimmable article DALI-2 - PUSH DIM Directional No Titting No Walk-over No Drive-over No Cable included Yes Cable length 3 m Resin potting No Type of light emission Double emission Net weight 2.600 Kg Electrostatic discharge protection No	Glow wire test	850°
Driver included Driver Dimmable article DALI-2 - PUSH DIM Directional No Tilting No Walk-over No Drive-over No Cable included Yes Cable length 3 m Resin potting No Type of light emission Double emission Net weight 2.600 Kg Electrostatic discharge protection No	Direct mounting on normally flammable surfaces	Yes
Dimmable article DALI-2 - PUSH DIM DIM Directional No Tilting No Walk-over No Drive-over No Cable included Yes Cable length 3 m Resin potting No Type of light emission Double emission Net weight 2.600 Kg Electrostatic discharge protection No	CE	Yes
Dimmable article DIM Directional No Tilting No Walk-over No Drive-over No Cable included Yes Cable length 3 m Resin potting No Type of light emission Double emission Net weight 2.600 Kg Electrostatic discharge protection No	Driver included	Driver
Tilting No Walk-over No Drive-over No Cable included Yes Cable length 3 m Resin potting No Type of light emission Double emission Net weight 2.600 Kg Electrostatic discharge protection No	Dimmable article	
Walk-over No Drive-over No Cable included Yes Cable length 3 m Resin potting No Type of light emission Double emission Net weight 2.600 Kg Electrostatic discharge protection No	Directional	No
Drive-over No Cable included Yes Cable length 3 m Resin potting No Type of light emission Double emission Net weight 2.600 Kg Electrostatic discharge protection No	Tilting	No
Cable included Yes Cable length 3 m Resin potting No Type of light emission Double emission Net weight 2.600 Kg Electrostatic discharge protection No	Walk-over	No
Cable length 3 m Resin potting No Type of light emission Double emission Net weight 2.600 Kg Electrostatic discharge protection No	Drive-over	No
Resin potting No Type of light emission Double emission Net weight 2.600 Kg Electrostatic discharge protection No	Cable included	Yes
Type of light emission Net weight 2.600 Kg Electrostatic discharge protection No	Cable length	3 m
Net weight 2.600 Kg Electrostatic discharge protection No	Resin potting	No
Electrostatic discharge protection No	Type of light emission	Double emission
	Net weight	2.600 Kg
Surge protection No	Electrostatic discharge protection	No
	Surge protection	No







Finishing casing		
Material	Aluminium - Aluminium	
Colour	Black	
Processing	Coating	

Finishing diffuser		
Material	PMMA	
Colour	sandblasted	

Finishing mounting frame		
Material	Iron	
Colour	Black	
Processing	Coating	

Cables Pendant Luminaires		
Max cable length	3000 mm	

Perla



Pendant Luminaires | 18 topLED 37 W DC - 43 W AC | CRI 90 | Base $\bf 9751$

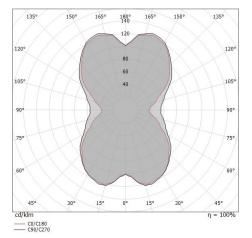
Double emission pendant luminaires for indoor application. The warm white LED light source with a diffused light distribution is composed of 144 topled LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 5576 lm, with a 150.7 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a black finish, processed by means of coating The device body is made of aluminium; the diffuser is made of pmma; the mounting frame is made of iron, with a black finish, processed by means of coating. The ingress protection degree is IP20; the total weight is of 2.600 kg.

The total absorbed power is 43 W. The power supply cable is included and features a 3 m length.

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

Compliant with the EN 60598-1 standard and its specific provisions.



0.5	4.01 2.12	E(C90) E(C90)	76.0° 64.7°	1563 13 73
1.0	8.02 4.23	E(0°) E(C90) E(C0)	76.0° 64.7°	391 3 18
1.5	12.03 6.35	E(0°) E(C90) E(C0)	76.0° 64.7°	174 1 8
2.0	16.04 8.46	E(C0) E(C0)	76.0° 64.7°	98 1 5
2.5	20.05 10.58	E(0°) E(C90)	76.0° 64.7°	63 1 3
3.0	24.06 12.69	E(0°) E(C90) E(C0)	76.0° 64.7°	43 0 2
Distance [m]	Cone diameter [m]		Illumina	nce [lx]

— C0/C180 (Half-peak divergence: 129.4°) — C90/C270 (Half-peak divergence: 152.0°)

Energy efficiency class

This product contains 18 light sources of energy efficiency class D.

Illuminotechnical Features	
Light Output Ratio (LOR)	69 %
Source lumens	5576 lm
Delivered lumens	3864 lm
Consumption	43 W
Luminaire efficacy	89 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)

UGR	
UGR axial	15.8
UGR transversal	14.2
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
C90/C270 optics	152°
C0/C180 optics	129°
Light distribution simmetry	Symmetrical 2 assis