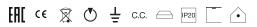
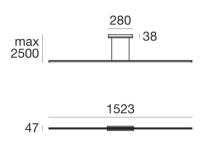
Straight_P1



Pendant Luminaires | 220-240 V | topLED 18 W 350 mA | CRI 90 **8201**







Aluminium

Finishing casing

Material

Colour

Installation position Installation environment Indoor Light Source LED Circuit structure Optics General Lighting Power 18 W Source lumens 2279 Im Frequency 60 - 50 Hz CCT / Tone 2700 K Colour rendering index AC / DC Safety class 1 IP IP20 Glow wire test Direct mounting on normally flammable surfaces CE ETL No Fire Rated (BS 476 PT21 compliant) Driver included Motion sensor Directional No Motion sensor No Walk-over Drive-over Cable included Resin potting No Resin potting Indoor Italy Indoor Indo	Technical data	
Installation environment Light Source Circuit structure Optics General Lighting Power 18 W Source lumens Frequency 60 - 50 Hz CCT / Tone Colour rendering index AC / DC Safety class 1 IP IP20 Glow wire test Direct mounting on normally flammable surfaces CE TYes ETL No Frier Rated (BS 476 PT21 compliant) Driver included Motion sensor No Motion sensor Directional No Walk-over Drive-over Cable included Resin potting No Circuit structure topLED General Lighting 60 - 50 Hz 279 Im 60 - 50 Hz 2700 K 60 - 50 Hz 60 -	Туре	Surface
Light Source LED Circuit structure topLED Optics General Lighting Power 18 W Source lumens 2279 lm Frequency 60 - 50 Hz CCT / Tone 2700 K Colour rendering index 90 Ra AC / DC AC Safety class 1 IP IP20 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes ETL No Fire Rated (BS 476 PT21 compliant) No Driver included Driver Emergency mode No Motion sensor No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	Installation position	Ceiling
Circuit structure topLED Optics General Lighting Power 18 W Source lumens 2279 Im Frequency 60 - 50 Hz CCT / Tone 2700 K Colour rendering index 90 Ra AC / DC AC Safety class 1 IP IP20 Glow wire test 850° Direct mounting on normally flammable surfaces Yes ETL No Fire Rated (BS 476 PT21 compliant) No Driver included Driver Emergency mode No Motion sensor No Directional No Tilting No Walk-over No Drive-over No Cable included No Cable included No Cable included No	Installation environment	Indoor
Optics General Lighting Power 18 W Source lumens 2279 lm Frequency 60 - 50 Hz CCT / Tone 2700 K Colour rendering index 90 Ra AC / DC AC Safety class 1 IP IP20 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes ETL No Fire Rated (BS 476 PT21 compliant) No Driver included Driver Emergency mode No Motion sensor No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	Light Source	LED
Power 18 W Source lumens 2279 lm Frequency 60 - 50 Hz CCT / Tone 2700 K Colour rendering index 90 Ra AC / DC AC Safety class 1 IP IP20 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes ETL No Fire Rated (BS 476 PT21 compliant) No Driver included Driver Emergency mode No Motion sensor No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	Circuit structure	topLED
Source lumens 2279 lm Frequency 60 - 50 Hz CCT / Tone 2700 K Colour rendering index 90 Ra AC / DC AC Safety class 1 IP IP20 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes ETL No Fire Rated (BS 476 PT21 compliant) No Driver included Driver Emergency mode No Motion sensor No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	Optics	General Lighting
Frequency 60 - 50 Hz CCT / Tone 2700 K Colour rendering index 90 Ra AC / DC AC Safety class 1 IP IP20 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes ETL No Fire Rated (BS 476 PT21 compliant) No Driver included Driver Emergency mode No Motion sensor No Directional No Directional No Driver-over No Cable included No Resin potting No	Power	18 W
CCT / Tone	Source lumens	2279 lm
Colour rendering index 90 Ra AC / DC AC Safety class 1 IP IP20 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes ETL No Fire Rated (BS 476 PT21 compliant) No Driver included Driver Emergency mode No Motion sensor No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	Frequency	60 - 50 Hz
AC / DC	CCT / Tone	2700 K
Safety class 1 IP IP20 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes ETL No Fire Rated (BS 476 PT21 compliant) No Driver included Driver Emergency mode No Motion sensor No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	Colour rendering index	90 Ra
IP20	AC / DC	AC
Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes ETL No Fire Rated (BS 476 PT21 compliant) No Driver included Driver Emergency mode No Motion sensor No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	Safety class	1
Direct mounting on normally flammable surfaces Yes CE Yes ETL No Fire Rated (BS 476 PT21 compliant) No Driver included Driver Emergency mode No Motion sensor No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	IP	IP20
CE Yes ETL No Fire Rated (BS 476 PT21 compliant) No Driver included Driver Emergency mode No Motion sensor No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	Glow wire test	850°
ETL No Fire Rated (BS 476 PT21 compliant) No Driver included Driver Emergency mode No Motion sensor No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	Direct mounting on normally flammable surfaces	Yes
Fire Rated (BS 476 PT21 compliant) No Driver included Driver Emergency mode No Motion sensor No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	CE	Yes
Driver included Driver Emergency mode No Motion sensor No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	ETL	No
Emergency mode No Motion sensor No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	Fire Rated (BS 476 PT21 compliant)	No
Motion sensor No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	Driver included	Driver
Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	Emergency mode	No
Tilting No Walk-over No Drive-over No Cable included No Resin potting No	Motion sensor	No
Walk-over No Drive-over No Cable included No Resin potting No	Directional	No
Drive-over No Cable included No Resin potting No	Tilting	No
Cable included No Resin potting No	Walk-over	No
Resin potting No	Drive-over	No
	Cable included	No
Type of light emission Single emission	Resin potting	No
	Type of light emission	Single emission

Processing	Coaling
Finishing diffus	er
Material	PC
Colour	opaline
Finishing moun	ing frame
Material	Iron
Colour	embossed white RAL 9003
Processing	Coating

embossed white RAL 9003

Straight_P1



Pendant Luminaires | 220-240 V | topLED 18 W 350 mA | CRI 90 **8201**

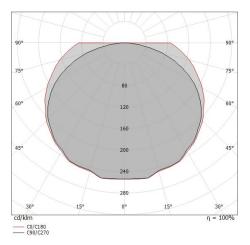
Single emission pendant luminaires for indoor application. The warm white LED light source with a general lighting light distribution is composed of 150 topled LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 2279 lm, with a 126.6 lm/W nominal luminous efficacy.

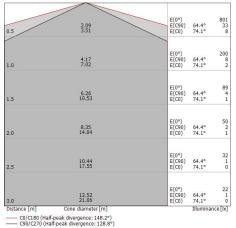
The device body is made of aluminium and features a embossed white ral 9003 finish, processed by means of coating; the diffuser is made of PC; the mounting frame is made of iron, with a embossed white ral 9003 finish, processed by means of coating. The ingress protection degree is IP20; the total weight is of -- kg.

The total absorbed power is 18 W.

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

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





Illuminotechnical Features	
Light Output Ratio (LOR)	34 %
Source lumens	2279 lm
Delivered lumens	790 lm
Consumption	18 W
Luminaire efficacy	43 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra
Junction temperature (lighting fixture)	80
Standard Operating Ambient Temperature	25
LED Life / Failure Ratio	
L80 B20 C0 80000h	

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

OPTICAL		
Light distribution simmetry	Asymmetrical	
C0/C180 optics	148°	
C90/C270 optics	129°	