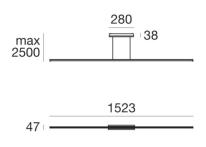
Straight_P1



Pendant Luminaires | 220-240 V | topLED 18 W 350 mA | CRI 90 **8205**







Aluminium

black RAL 9005

black RAL 9005

Coating

Finishing casing

Material

Colour

Colour

Processing

Installation position Ceiling Installation environment Light Source Diffics General Lighting downward Power 18 W Source lumens Frequency CCT / Tone 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 Driver Induction Emergency mode Motion sensor No Directional No Walk-over Drive-over Cable included No Resin potting No Ceiling Indoor Light Indoor LED Ceeneral Lighting downward Pownward Pownward AC 90 Reneral Lighting downward Pownward Pownward AC 90 Reneral Lighting Avanta No Frequency 60 - 50 Hz 2700 K CC 27700 K AC Safety class 1 IP IP20 Glow wire test 850° Priver No No No No No No No No No N	Technical data	
Installation environment Indoor Light Source LED Optics General Lighting Light emission direction downward 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 Induction No Emergency mode No Motion sensor No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	Туре	Surface
Light Source LED Optics General Lighting Light emission direction downward 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 Induction No Motion sensor No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	Installation position	Ceiling
Optics General Lighting Light emission direction downward 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 CE Yes ETL No Fire Rated (BS 476 PT21 compliant) No Driver included Driver Induction No Emergency mode No Motion sensor No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	Installation environment	Indoor
Light emission direction downward 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 Induction No Motion sensor No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	Light Source	LED
Power	Optics	General Lighting
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 Induction No Emergency mode No Motion sensor No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	Light emission direction	downward
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 Induction No Emergency mode No Motion sensor No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	Power	18 W
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 Induction No Emergency mode No Motion sensor No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	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 Induction No 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 Safety class IP IP20 Glow wire test S50° Direct mounting on normally flammable surfaces CE Yes ETL No Fire Rated (BS 476 PT21 compliant) No Driver included Driver Induction No Emergency mode No Motion sensor No Directional No Tilting No Walk-over No Cable included No No Resin potting No IP20 AC AC AC AC AC AC AC AC AC A	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 Induction No 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 Induction No 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 Induction No 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 Induction No 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 Induction No 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 Induction No 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 Induction No Emergency mode No Motion sensor No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	ETL	No
Induction 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
Emergency mode No Motion sensor No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	Driver included	Driver
Motion sensor No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	Induction	No
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	Coating	
Finishing diffus	er	
Material	PC	
Colour	opaline	
Finishing moun	ting frame	
Material	Iron	

Straight_P1



Pendant Luminaires | 220-240 V | topLED 18 W 350 mA | CRI 90 $\bf 8205$

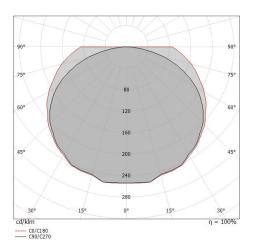
Single emission pendant luminaires for indoor application. The warm white LED light source with a general lighting light distribution is composed of 150 topled LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 2279 lm, with a 126.6 lm/W nominal luminous efficacy.

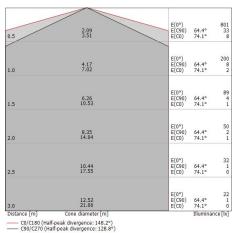
The device body is made of aluminium and features a black ral 9005 finish, processed by means of coating; the diffuser is made of PC; the mounting frame is made of iron, with a black ral 9005 finish, processed by means of coating. The ingress protection degree is IP20; the total weight is of -- kg.

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
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°