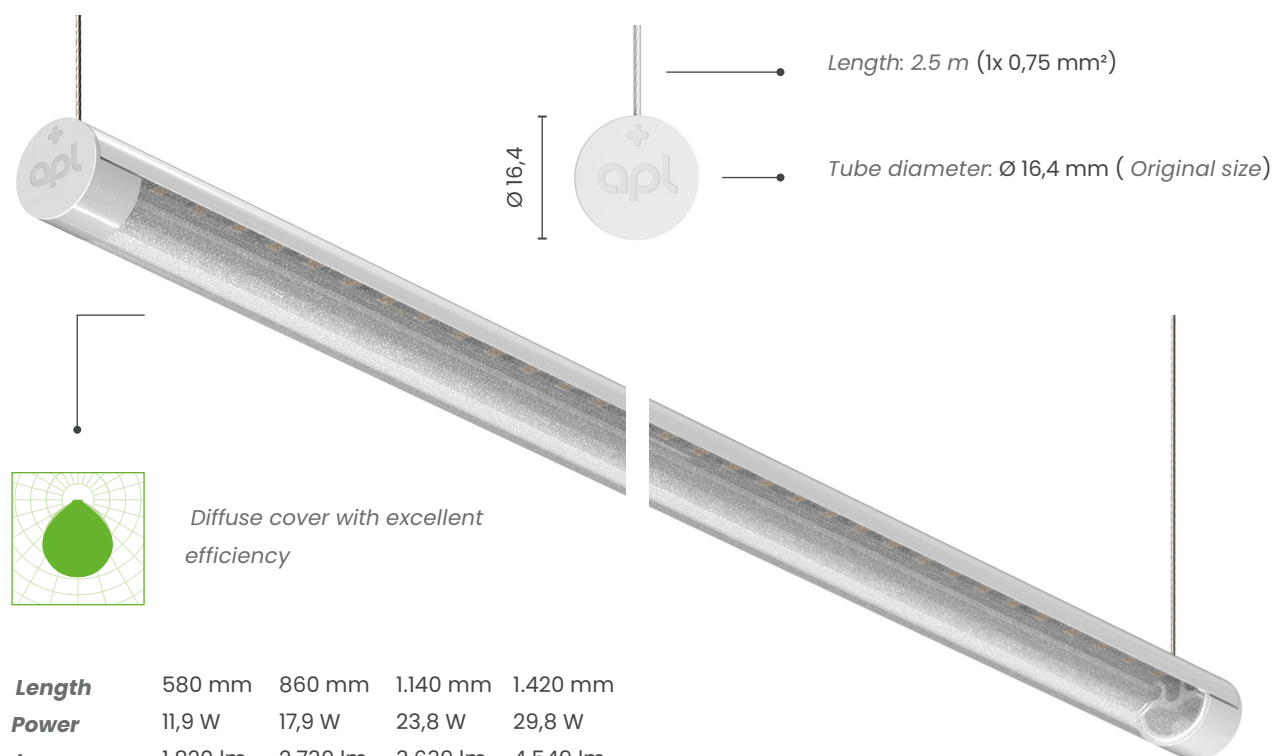


LTwo® PENDANT – 100° diffuse

constant voltage

48V – 20 watt/m



Product description

LTwo® PENDANT – Light Tube with Optics as a pendant luminaire. Diffuse cover with max. 4,549 lumen, based on the modular, miniaturised LTwo® light source/luminaire system with 13 high-quality precision optics and extensive accessories for all lighting applications.

The LTwo® PENDANT has decorative wire ropes for suspension and power supply, so no additional power cable is required. The wire rope holders mounted on the ceiling side enable simple and tool-free height adjustment for ideal alignment of the LTwo® PENDANT.

Very environmentally friendly due to minimal use of material (230 g/m), interchangeability, recyclability and high efficiency (up to 193 lm/W). Ideally suited for high-quality architectural lighting indoors.

Product features



Legende / Legend

Dimensions

Ø 16,4 mm

Length

580 mm, 860 mm, 1.140 mm, 1.420 mm

Weight

137 g, 180 g, 223 g, 266 g

Housing colour

Weiß / White (WW, RAL9016) & Schwarz / Black (BB, RAL9005)

Wattages

11,9 W; 17,9 W; 23,8 W; 29,8 W

Lumen @ 4.000 K

1.820 lm, 2.730 lm, 3.639 lm, 4.549 lm

Efficiency

152,9 lm/W (WW), 134,9 lm/W (BB)

Light distribution

100° diffuse

LED quantity

32 per 280 mm

UGR

WW: 25,6 / 27,9 & BB: 24,4 / 27,6 (4H|8H / 70|50|20 / @1.000 lm)

LED Pitch

8,75 mm

CCT / CRI

2.700 K, 3.000 K, 3.500 K, 4.000 K, 5.000 K (>90)

Binning

3 SDCM

Lifetime

60.000 h L80B10

Application

Ideal when uniform light distribution without hard shadows and with high efficiency is required.

Protection

IP40 (Indoor use only)

Risk group (IEC 62471:2006)

RG 0 (2.700 K – 4.000 K) | RG 1 (5.000 K)

Operating mode

Constant Voltage (CV)

Dimmable

Yes

Operating voltage

48 V DC -1,0 / +1,75

Housing temperature (T_c)

min. -20°C / max. +80°C

Ambient temperature (T_a)

min. -20°C / max. +40°C

Storage temperature (T_s)

min. -20°C / max. +85°C

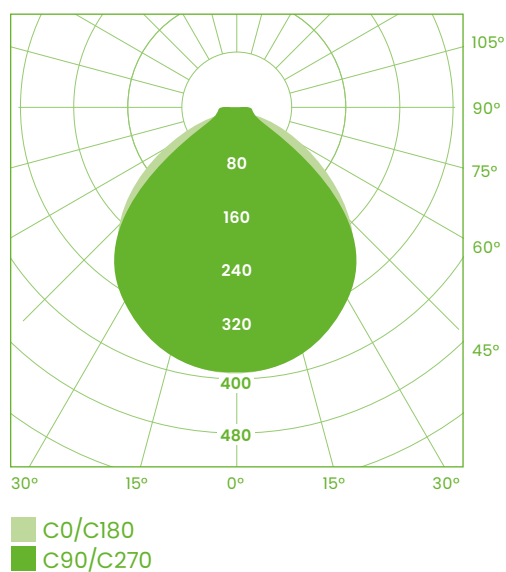
Length, lumen, watt

CRI	CCT / Kelvin	Farbe / Color	580 mm 11,9 W	860 mm 17,9 W	1.140 mm 23,8 W	1.420 mm 29,8 W	lm/W
>90	2.700 K	white	1.706 lm	2.558 lm	3.411 lm	4.264 lm	143,3
		black	1.505 lm	2.258 lm	3.011 lm	3.764 lm	126,5
>90	3.000 K	white	1.737 lm	2.605 lm	3.474 lm	4.342 lm	145,9
		black	1.533 lm	2.299 lm	3.066 lm	3.832 lm	128,8
>90	3.500 K	white	1.778 lm	2.667 lm	3.556 lm	4.446 lm	149,4
		black	1.570 lm	2.354 lm	3.139 lm	3.924 lm	131,8
>90	4.000 K	white	1.820 lm	2.730 lm	3.639 lm	4.549 lm	152,9
		black	1.606 lm	2.409 lm	3.212 lm	4.015 lm	134,9
>90	5.000 K	white	1.804 lm	2.706 lm	3.608 lm	4.510 lm	151,6
		black	1.592 lm	2.389 lm	3.185 lm	3.981 lm	133,8

Optical and electronic data have a tolerance of ±10 %.

The TC point must be measured at thermal equilibrium in accordance with IEC EN 60598-1

Light distribution



LTwo® PENDANT schwarz / black – 100° diffuse, 580 mm

Application

Ideal when uniform light distribution without hard shadows and with high efficiency is required.

Order code

Product	OP	NP	Optic	L	PC	C	LH	IP
APL-LTwoT5	CV	20	10				PD	IP40
				580	927	BB		
				860	930	WW		
				1140	935			
				1420	940			
					850			

OP = Operating mode
 CV = Constant Voltage
 CC = Constant Current
NP = Nominal power per m (W/m)
 12-25 = 12 W/m | 20 W/m | 25 W/m
Optic = Optic (Degree)
 10-60 = 10° HB | 13° | 25° | 40° | 60°
 BWN | BWW = Batwing narrow | Batwing wide
 OVL | WW = Oval | Wall washer
 OP | DF | CL = Opal | Diffuse | Clear

L = Length (mm)
 580-1420 = 580 mm | 860 mm | 1140 mm | 1420 mm
PC = Photometric code
 927-950 = CRI >90 | CRI >80 | 2.700K | 3.000K | 3.500K | 4.000K | 5.000K
C = Housing colour
 BB | WW = Black | White
LH = Luminaire holder
 PD = Pendant luminaire
IP = Protection class
 IP40 = Indoor use only



Under the following link you will find the tender specification for the product:

<https://apl.ag/products/>

General information about LTwo® applications and accessories

LTwo® is a highly innovative and disruptive light source with a modular character that allows you to use existing accessories, future accessories or accessories developed specifically for your project to open up all kinds of lighting applications, from decorative and accent lighting to task lighting and sophisticated museum lighting or the illumination of concert halls and auditoriums, for example.

LTwo® is available in different lampholder types and connection options. The variant with the magnetic lampholder LTwo® MAG offers the most versatile installation accessories. The product can be easily assembled, swivelled in the lampholder by $\pm 20^\circ$ and held in place with a safety lock. A purely mechanical lampholder (LTwo® MCH) is currently in the design phase. A battery-like lamp holder (LTwo® BATTERY) offers a very cost-effective solution for OEM designs. LTwo® PENDANT is available as a pendant luminaire with current-carrying suspension wires. The 8 mm snap connector with IP67 protection is used for the LTwo® OUTDOOR luminaire.

LTwo® PENDANT



LTwo® OUTDOOR



LTwo® MAGNETIC



LTwo® BATTERY

