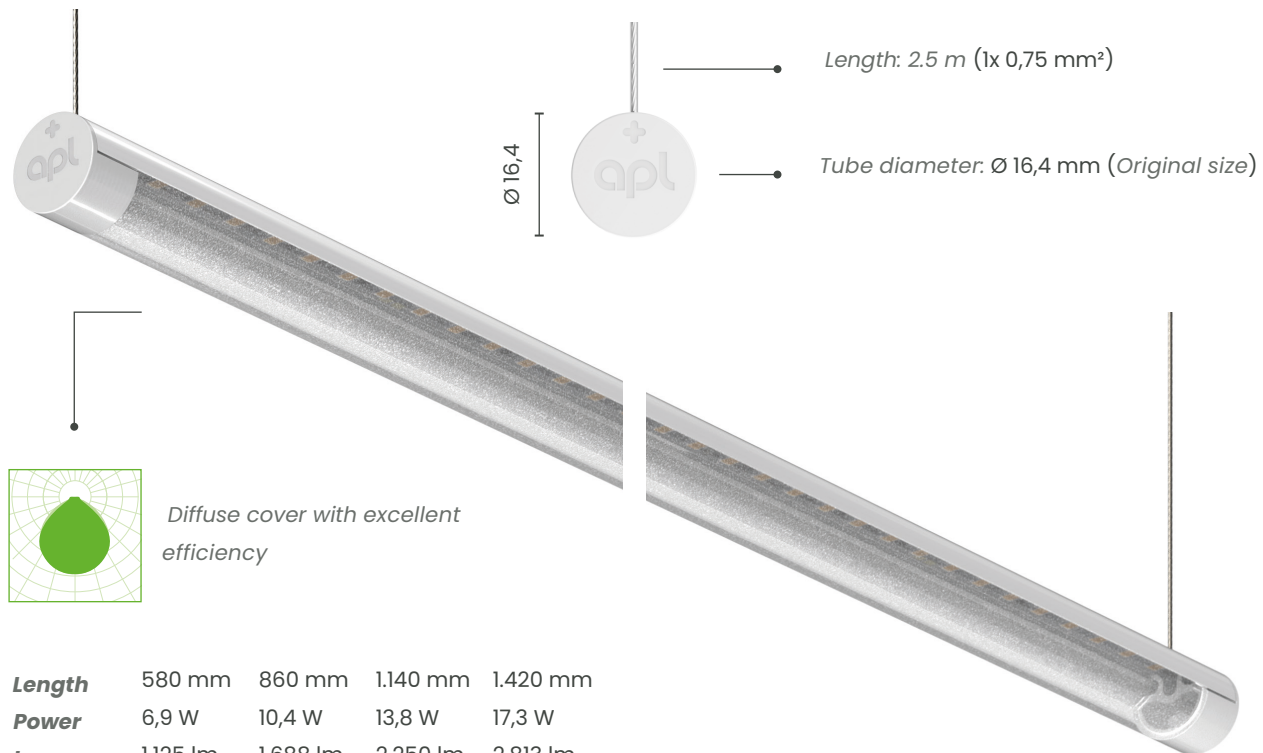


LTwo® PENDANT – 100° diffuse

constant voltage 48V – 12 watt/m



Product description

LTwo® PENDANT – Light Tube with Optics as a pendant lu-minaire. 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

6,9 W; 10,4 W;
13,8 W; 17,3 W

Lumen @ 4.000 K

1.125 lm, 1.688 lm, 2.250 lm, 2.813 lm

Efficiency

162,8 lm/W (WW), 143,7 lm/W (BB)

Light distribution

100° diffuse

LED quantity

32 per 280 mm

UGR

WW: 24,0 / 26,3 & BB: 22,7 / 25,9 (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. +45°C

Storage temperature (T_s)

min. -20°C / max. +85°C

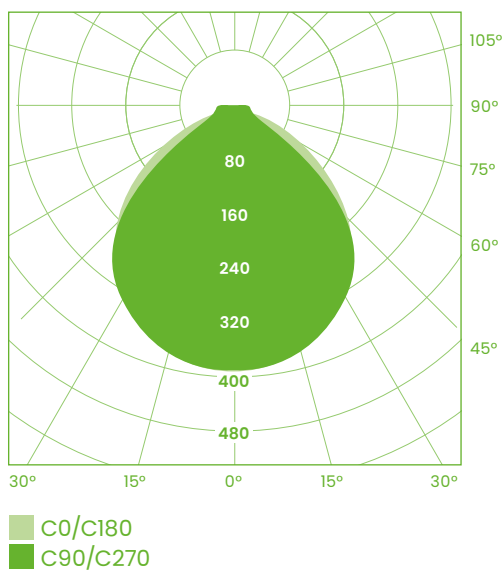
Length, lumen, watt

CRI	CCT / Kelvin	Farbe / Color	580 mm 6,9 W	860 mm 10,4 W	1.140 mm 13,8 W	1.420 mm 17,3 W	lm/W
>90	2.700 K	white	1.047 lm	1.571 lm	2.094 lm	2.618 lm	151,5
		black	924 lm	1.386 lm	1.849 lm	2.311 lm	133,7
>90	3.000 K	white	1.073 lm	1.610 lm	2.146 lm	2.683 lm	155,3
		black	947 lm	1.421 lm	1.894 lm	2.368 lm	137,0
>90	3.500 K	white	1.094 lm	1.641 lm	2.188 lm	2.735 lm	158,3
		black	966 lm	1.448 lm	1.931 lm	2.414 lm	139,7
>90	4.000 K	white	1.125 lm	1.688 lm	2.250 lm	2.813 lm	162,8
		black	993 lm	1.489 lm	1.986 lm	2.482 lm	143,7
>90	5.000 K	white	1.115 lm	1.672 lm	2.229 lm	2.787 lm	161,3
		black	984 lm	1.476 lm	1.968 lm	2.460 lm	142,3

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 *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	12	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 | Diffus | Klar / 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® MAGNETIC

LTwo® BATTERY

LTwo® PENDANT

LTwo® OUTDOOR

