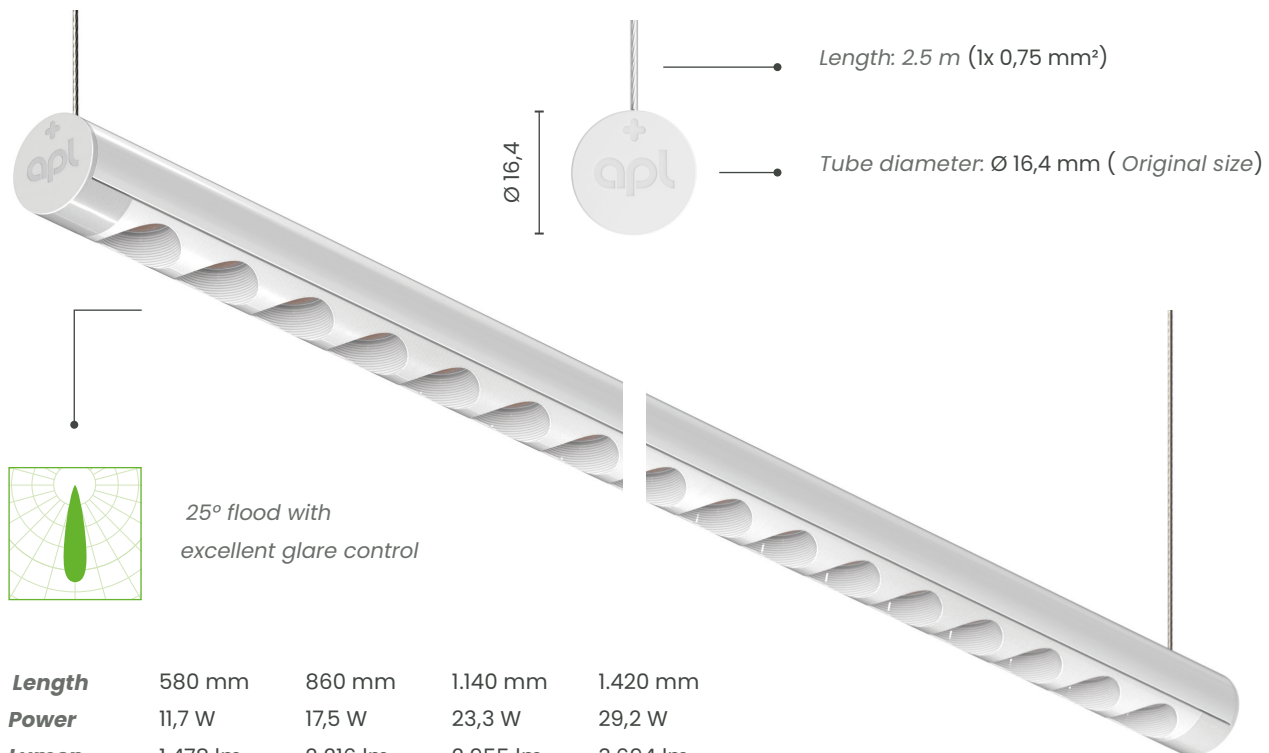


LTwo® PENDANT – 25° flood

constant voltage 48V – 20 watt/m



Product description

LTwo® PENDANT – Light Tube with Optics as a pendant lumi-naire. 25° flood optic with max. 3,694 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

156 g, 208 g, 260 g, 312 g

Housing colour

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

Wattages

11,7 W; 17,5 W;

23,3 W; 29,2 W

Lumen @ 5.000 K

1.478 lm, 2.216 lm, 2.955 lm, 3.694 lm

Efficiency

126,7 lm/W (WW), 118,3 lm/W (BB)

Light distribution

25° symmetrical

LED quantity

16 per 280 mm

UGR (<13)

WW: 12,2 / 12,3 & BB: 6,1 / 4,0 (4H|8H / 70|50|20 / @1.000 lm)

LED Pitch

17,5 mm

CCT / CRI

2.700 K, 3.000 K, 3.500 K, 4.000 K (>90), 5.000 K (>80)

Binning

3 SDCM

Lifetime

60.000 h L80B10

Application

Ideal for a focused, pinpoint lighting to highlight objects or for general lighting with higher ceilings.

Protection

IP40 (Indoor use only)

Risikogruppe / 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

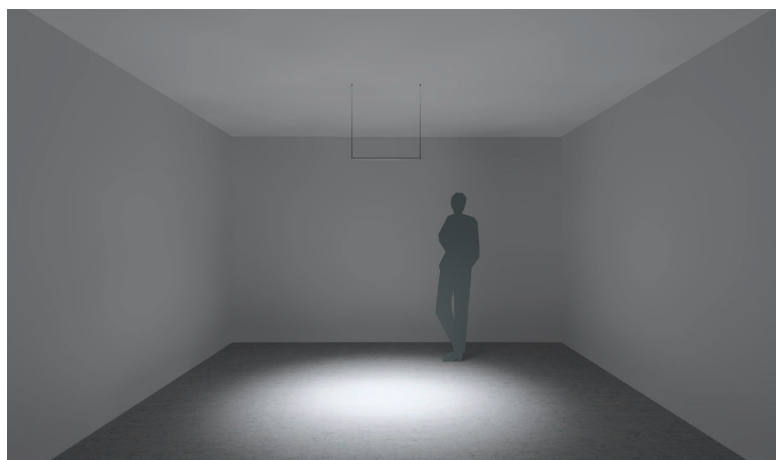
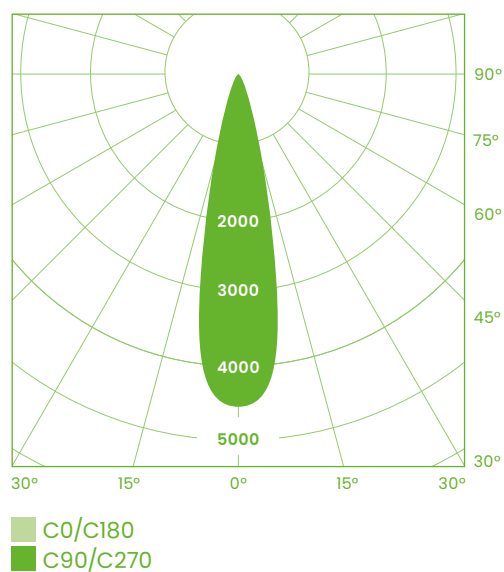
Length, lumen, watt

CRI	CCT / Kelvin	Farbe / Color	580 mm 11,7 W	860 mm 17,5 W	1.140 mm 23,5 W	1.420 mm 29,2 W	lm/W
>90	2.700 K	white	1.144 lm	1.717 lm	2.289 lm	2.861 lm	98,1
		black	1.069 lm	1.603 lm	2.137 lm	2.671 lm	91,6
>90	3.000 K	white	1.162 lm	1.743 lm	2.324 lm	2.905 lm	99,6
		black	1.085 lm	1.627 lm	2.170 lm	2.712 lm	93,0
>90	3.500 K	white	1.180 lm	1.769 lm	2.359 lm	2.949 lm	101,1
		black	1.101 lm	1.652 lm	2.203 lm	2.753 lm	94,4
>90	4.000 K	white	1.232 lm	1.848 lm	2.464 lm	3.080 lm	105,6
		black	1.150 lm	1.726 lm	2.301 lm	2.876 lm	98,6
>80	5.000 K	white	1.478 lm	2.216 lm	2.955 lm	3.694 lm	126,7
		black	1.380 lm	2.070 lm	2.759 lm	3.449 lm	118,3

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 schwarz / black – 25° flood, 580 mm

Application

Ideal for a focused, pinpoint lighting to highlight objects or for general lighting with higher ceilings.

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

