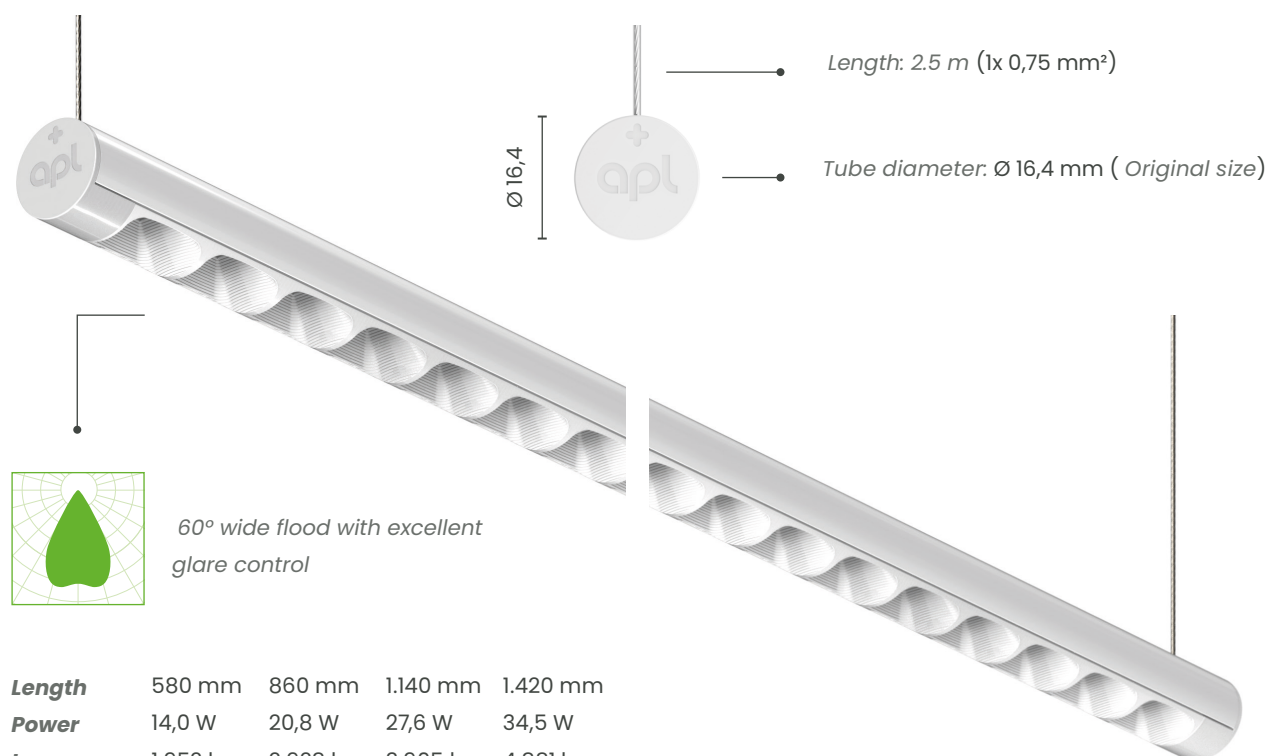


LTwo® PENDANT – 60° wide flood

constant current

25 watt/m



Product description

LTwo® PENDANT – Light Tube with Optics as a pendant luminaire. 60° wide flood optic with max. 4,881 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

153 g, 205 g, 257 g, 309 g

Housing colour

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

Wattages 4,0 W; 20,8 W;
27,6 W; 34,5 W

Lumen @ 5.000 K

1.952 lm, 2.928 lm, 3.905 lm, 4.881 lm

Efficiency

141,3 lm/W (WW), 129,1 lm/W (BB)

Light distribution

60° symmetrical

LED quantity

16 per 280 mm

UGR (<19)

WW: 16,4 / 17,2 & BB: 15,0 / 16,3 (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 uniform general lighting in offices, conference rooms and retail spaces. Fulfills the requirements of DIN standard 12464-1.

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 current (CC)

Dimmable

Yes

Operating current

580 mm - 1140 mm = max. 600 mA; 1420 mm = max. 750 mA

Housing temperature (T_c)

min. -20°C / max. +80°C

Ambient temperature (T_a)

min. -20°C / max. +35°C

Storage temperature (T_s)

min. -20°C / max. +85°C

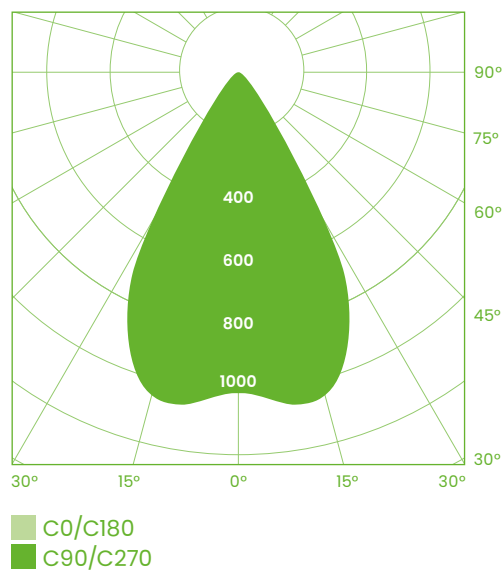
Length, lumen, watt

CRI	CCT / Kelvin	Farbe / Color	580 mm 14,0 W (0,6 A x 23 V)	860 mm 20,8 W (0,6 A x 35 V)	1.140 mm 27,6 W (0,6 A x 46 V)	1.420 mm 34,5 W (0,75 A x 46 V)	lm/W
>90	2.700 K	white	1.512 lm	2.269 lm	3.025 lm	3.781 lm	109,5
		black	1.381 lm	2.072 lm	2.763 lm	3.454 lm	100,0
>90	3.000 K	white	1.530 lm	2.296 lm	3.061 lm	3.826 lm	110,8
		black	1.398 lm	2.097 lm	2.796 lm	3.495 lm	101,2
>90	3.500 K	white	1.553 lm	2.329 lm	3.106 lm	3.882 lm	112,4
		black	1.418 lm	2.128 lm	2.837 lm	3.546 lm	102,7
>90	4.000 K	white	1.625 lm	2.437 lm	3.249 lm	4.062 lm	117,6
		black	1.484 lm	2.226 lm	2.968 lm	3.710 lm	107,4
>80	5.000 K	white	1.952 lm	2.928 lm	3.905 lm	4.881 lm	141,3
		black	1.783 lm	2.675 lm	3.566 lm	4.458 lm	129,1

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 – 60° wide flood, 580 mm

Application

Ideal for uniform general lighting in offices, conference rooms and retail spaces. Fulfills the requirements of DIN standard 12464-1.

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 | BWB = 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

