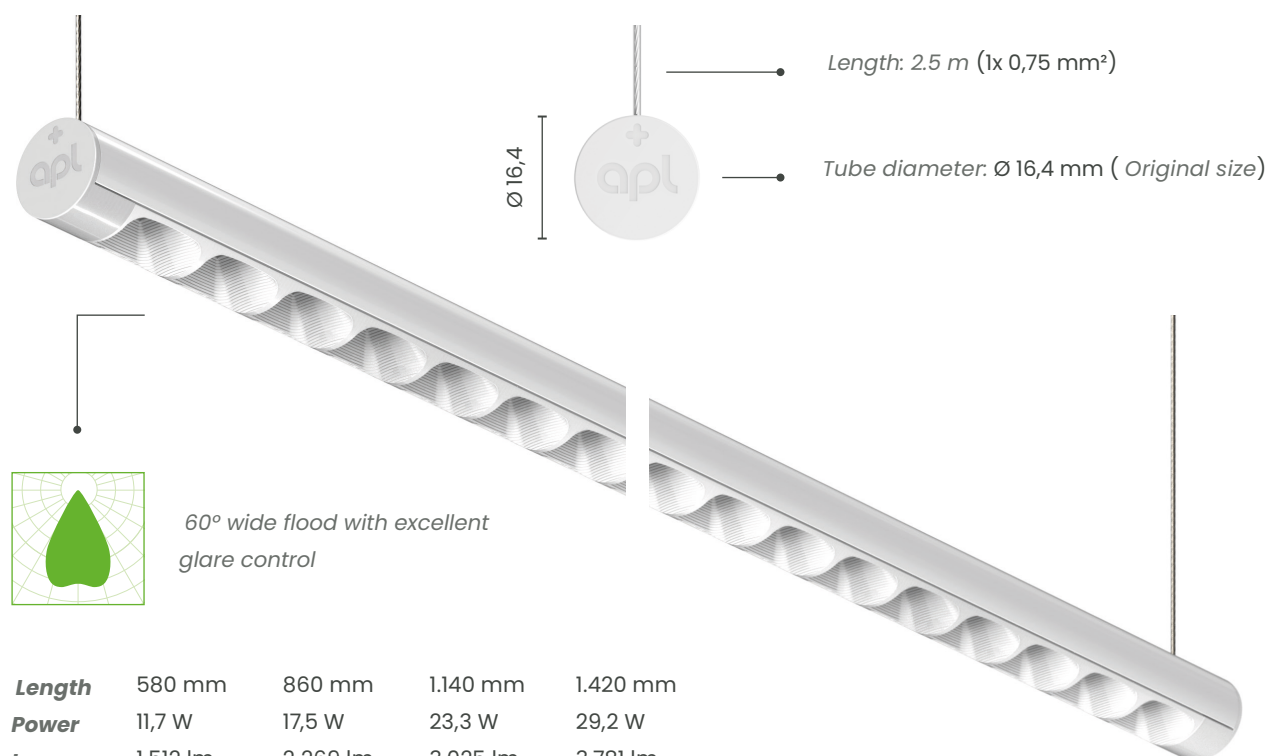


LTwo® PENDANT – 60° wide flood

constant voltage

48V – 20 watt/m



Product description

LTwo® PENDANT – Light Tube with Optics as a pendant lu-minaire. 60° wide flood optic with max. 3,781 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

11,7 W; 17,5 W; 23,3 W; 29,2 W

Lumen @ 5.000 K

1.512 lm, 2.269 lm, 3.025 lm, 3.781 lm

Efficiency

129,7 lm/W (WW), 118,4 lm/W (BB)

Light distribution

60° symmetrical

LED quantity

16 per 280 mm

UGR (<19)

WW: 15,5 / 16,3 & BB: 14,1 / 15,4 (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. Fulfils 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 Voltage (CV)

Dimmable

Yes

Operating voltage

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

Housing temperature (Tc)

min. -20°C / max. +80°C

Ambient temperature (Ta)

min. -20°C / max. +40°C

Storage temperature (Ts)

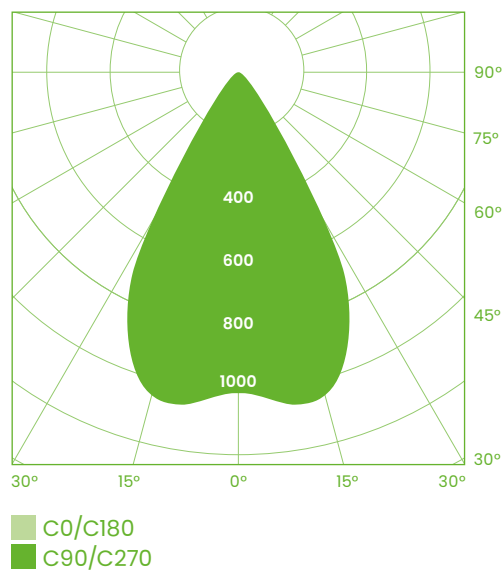
min. -20°C / max. +85°C

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	1.171 lm	1.757 lm	2.343 lm	2.928 lm	100,4
		black	1.070 lm	1.605 lm	2.140 lm	2.675 lm	91,7
>90	3.000 K	white	1.189 lm	1.784 lm	2.379 lm	2.973 lm	102,0
		black	1.086 lm	1.629 lm	2.173 lm	2.716 lm	93,1
>90	3.500 K	white	1.207 lm	1.811 lm	2.415 lm	3.018 lm	103,5
		black	1.103 lm	1.654 lm	2.205 lm	2.757 lm	94,5
>90	4.000 K	white	1.261 lm	1.892 lm	2.522 lm	3.153 lm	108,1
		black	1.152 lm	1.728 lm	2.304 lm	2.880 lm	98,8
>80	5.000 K	white	1.512 lm	2.269 lm	3.025 lm	3.781 lm	129,7
		black	1.381 lm	2.072 lm	2.763 lm	3.454 lm	118,4

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	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

