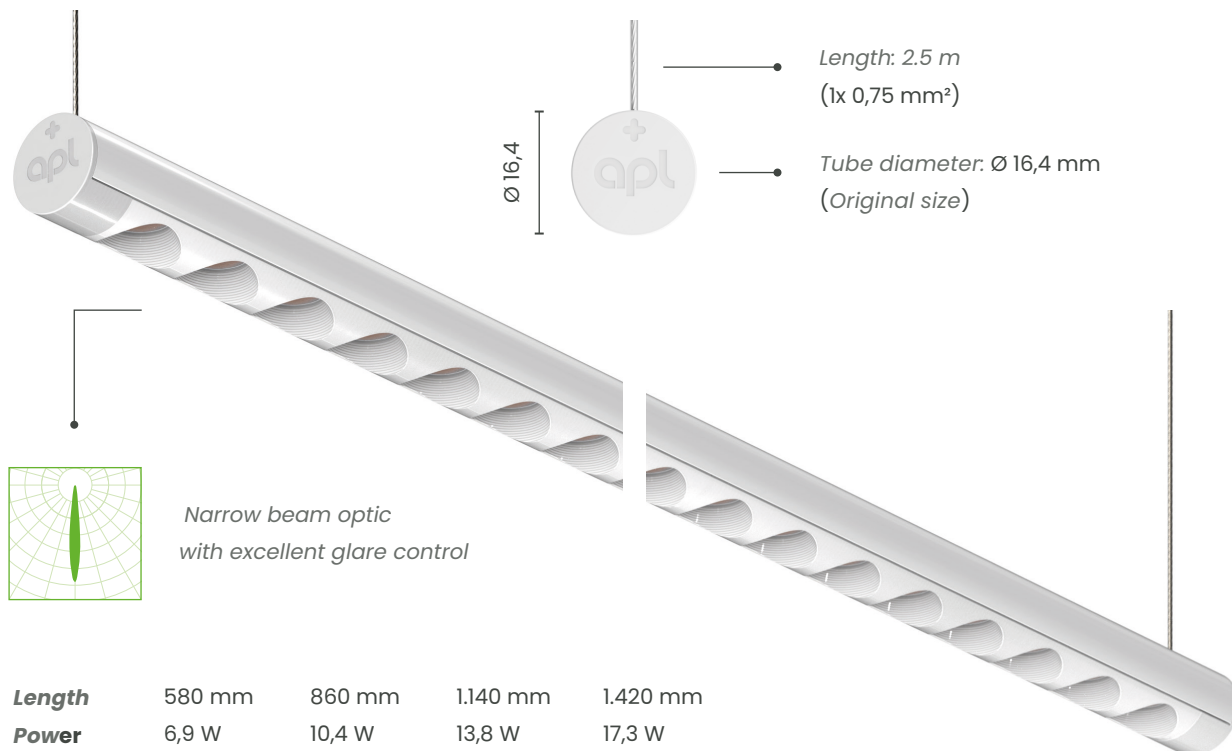


LTwo® PENDANT – 13° spot

constant voltage

48V – 12 watt/m



Product description

LTwo® PENDANT – Light Tube with Optics as a pendant luminaire. Spot 13° optic with max. 3,732 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



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

6,9 W; 10,4 W;

13,8 W; 17,3 W

Lumen @ 5.000 K

943 lm, 1.415 lm, 1.887 lm, 2.359 lm

Efficiency

136,5 lm/W (WW), 128,4 lm/W (BB)

Light distribution

13° symmetrical

LED quantity

16 per 280 mm

UGR (<13)

WW: 9,3 / 9,6 & BB: 0,6 / -2,3 (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 highlighting individual objects and accentuating structures in architecture.

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. +45°C

Storage temperature (Ts)

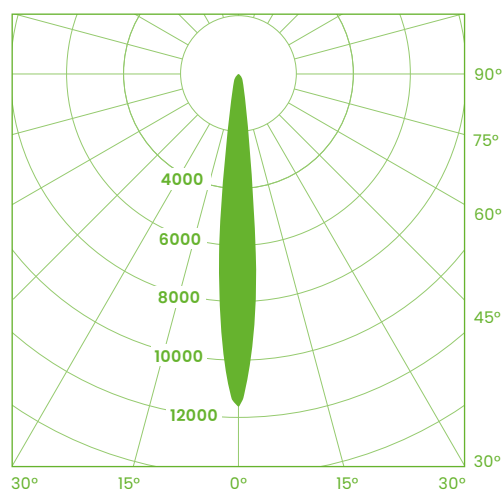
min. -20°C / max. +85°C

Length, lumen, watt

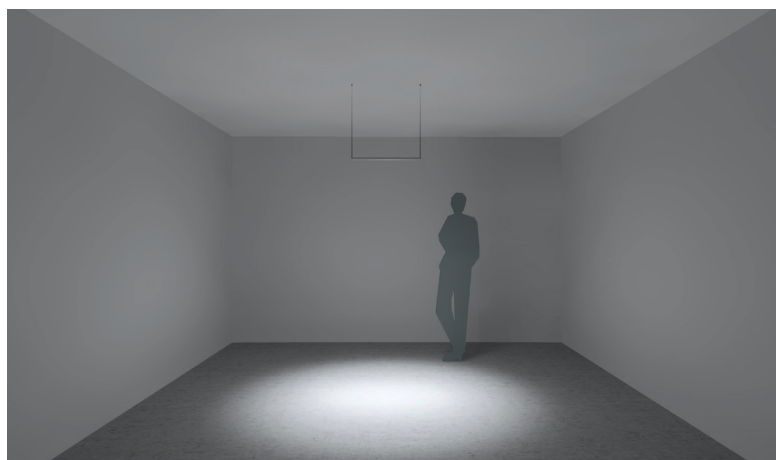
CRI	CCT / Kelvin	Farbe / Color	580 mm 6,9 W	860 mm 10,4 W	1.140 mm 13,8 W	1.420 mm 17,3 W	lm/W
>90	2.700 K	white	731 lm	1.096 lm	1.462 lm	1.827 lm	105,7
		black	688 lm	1.032 lm	1.375 lm	1.719 lm	99,5
>90	3.000 K	white	740 lm	1.110 lm	1.479 lm	1.849 lm	107,0
		black	696 lm	1.044 lm	1.392 lm	1.740 lm	100,7
>90	3.500 K	white	753 lm	1.129 lm	1.506 lm	1.882 lm	108,9
		black	709 lm	1.063 lm	1.417 lm	1.771 lm	102,5
>90	4.000 K	white	784 lm	1.176 lm	1.568 lm	1.960 lm	113,4
		black	738 lm	1.107 lm	1.475 lm	1.844 lm	106,7
>80	5.000 K	white	943 lm	1.415 lm	1.887 lm	2.359 lm	136,5
		black	888 lm	1.332 lm	1.776 lm	2.219 lm	128,4

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



■ C0/C180
■ C90/C270



LTwo® PENDANT schwarz / black – 13°, 580 mm

Application

Ideal for highlighting individual objects and accentuating structures in architecture.

Order code

Product	OP	NP	Optic	L	PC	C	LH	IP
APL-LTwoT5	CV	12	13				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

