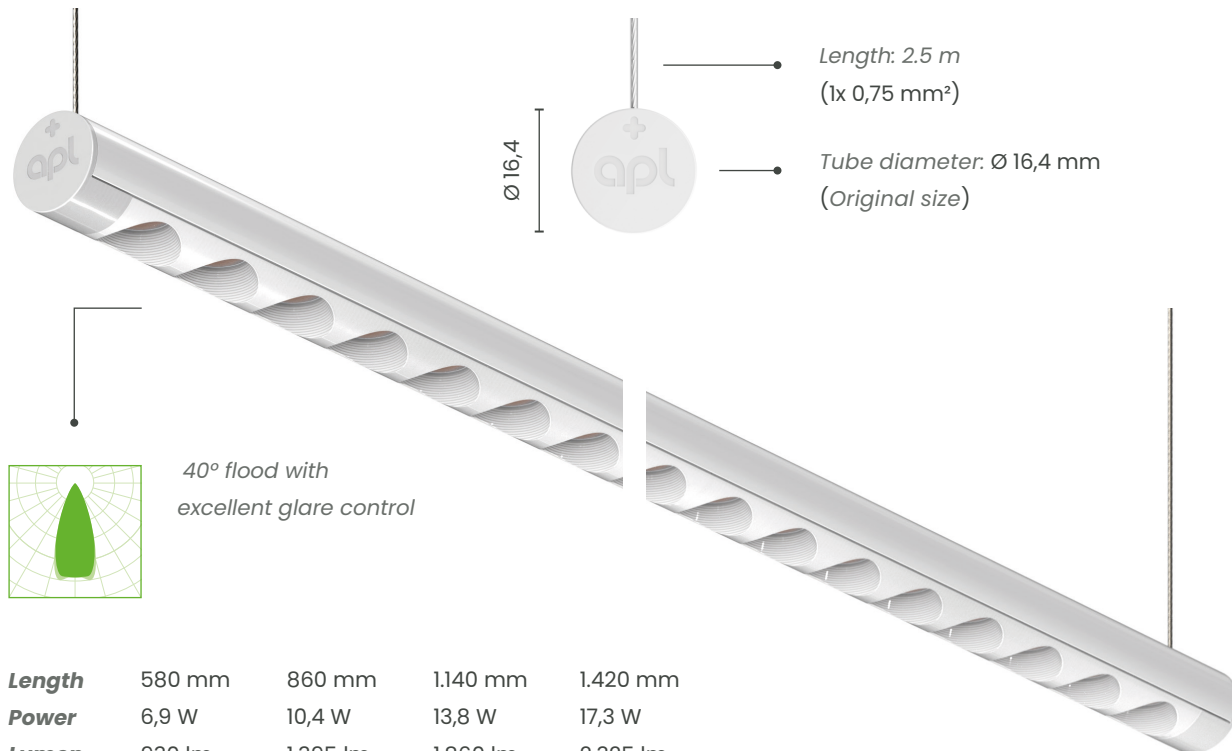


LTwo® PENDANT – 40° flood

constant voltage 48V – 12 watt/m



Product description

LTwo® PENDANT – Light Tube with Optics as a pendant lumi-naire. 40° flood optic with max. 3,678 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

White (WW, RAL9016) & Black (BB, RAL9005)

Wattages

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

Lumen @ 5.000 K

930 lm, 1.395 lm, 1.860 lm, 2.325 lm

Efficiency

134,5 lm/W (WW), 121,4 lm/W (BB)

Light distribution

40° symmetrical

LED quantity

16 per 280 mm

UGR (<16)

WW: 12,9 / 13,2 & BB: 8,3 / 8,0 (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 illuminating specific areas without scattering the light too much. It is used to create accent lighting or for higher ceilings.

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

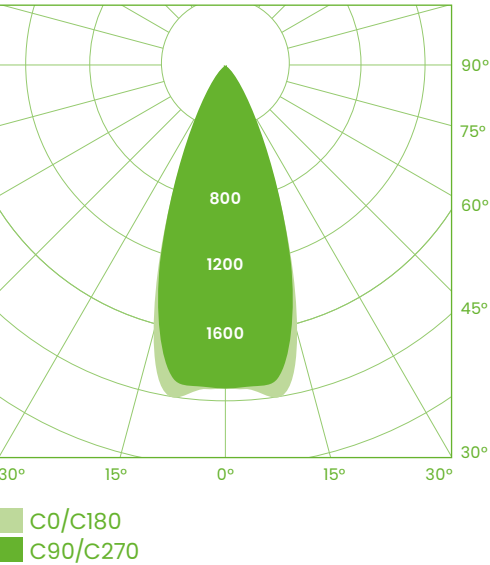
Length, lumen, watt

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	720 lm	1.080 lm	1.441 lm	1.801 lm	104,2
		black	650 lm	975 lm	1.300 lm	1.624 lm	94,0
>90	3.000 K	white	729 lm	1.094 lm	1.458 lm	1.823 lm	105,5
		black	658 lm	986 lm	1.315 lm	1.644 lm	95,1
>90	3.500 K	white	742 lm	1.113 lm	1.484 lm	1.855 lm	107,4
		black	669 lm	1.004 lm	1.339 lm	1.674 lm	96,9
>90	4.000 K	white	773 lm	1.159 lm	1.545 lm	1.932 lm	111,8
		black	697 lm	1.046 lm	1.394 lm	1.743 lm	100,8
>80	5.000 K	white	930 lm	1.395 lm	1.860 lm	2.325 lm	134,5
		black	839 lm	1.258 lm	1.678 lm	2.097 lm	121,4

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 – 40° flood, 580 mm

Application
Ideal for illuminating specific areas without scattering the light too much. It is used to create accent lighting or for higher ceilings.

Order code

Product	OP	NP	Optic	L	PC	C	LH	IP
APL-LTwoT5	CV	12	40				PD	IP40
				580	927	BB		
				860	930	WW		
				1140	935			
				1420	940			
					850			

OP	= Operating mode	L	= Length (mm)
CV	= Constant Voltage	580-1420	= 580 mm 860 mm 1140 mm 1420 mm
CC	= Constant Current	PC	= Photometric code
NP	= Nominal power per m (W/m)	927-950	= CRI >90 CRI >80 2.700K 3.000K 3.500K 4.000K 5.000K
12-25	= 12 W/m 20 W/m 25 W/m	C	= Housing colour
Optic	= Optic (Degree)	BB WW	= Black White
10-60	= 10° HB 13° 25° 40° 60°	LH	= Luminaire holder
BWN BWW	= Batwing narrow Batwing wide	PD	= Pendant luminaire
OVL WW	= Oval Wall washer	IP	= Protection class
OP DF CL	= Opal Diffus Klar / Opal Diffuse Clear	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

