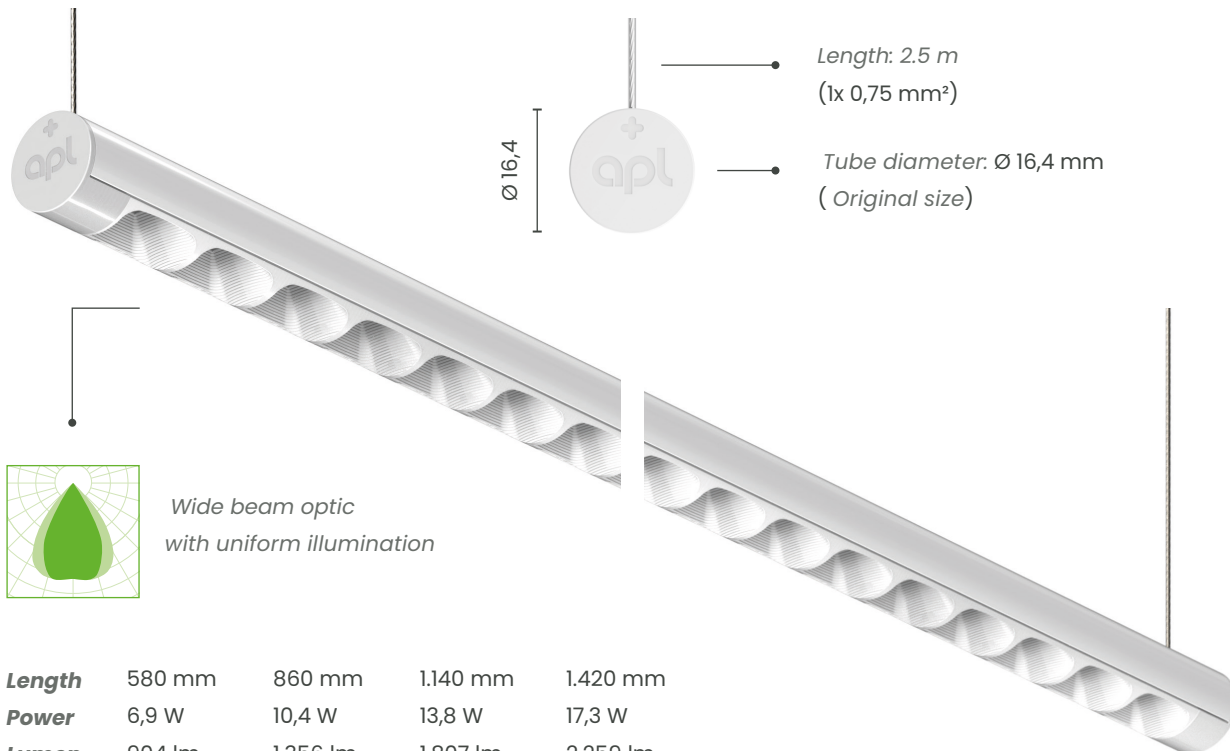


LTwo® PENDANT – batwing wide

constant voltage

48V – 12 watt/m



Product description

LTwo® PENDANT – Light Tube with Optics as a pendant lumi-naire. Wide beam optic with max. 3,574 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

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

Wattages

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

Lumen @ 5.000 K

904 lm, 1.356 lm, 1.807 lm, 2.259 lm

Efficiency

130,7 lm/W (WW), 101,1 lm/W (BB)

Light distribution

Batwing wide

LED quantity

16 per 280 mm

UGR (<22)

WW: 19,6 / 15,7 & BB: 17,8 / 12,4 (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

Specifically design-ed for use with the apl desk lamp Lumami® DESK for uniform and glare free illumination of the workspace.

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)

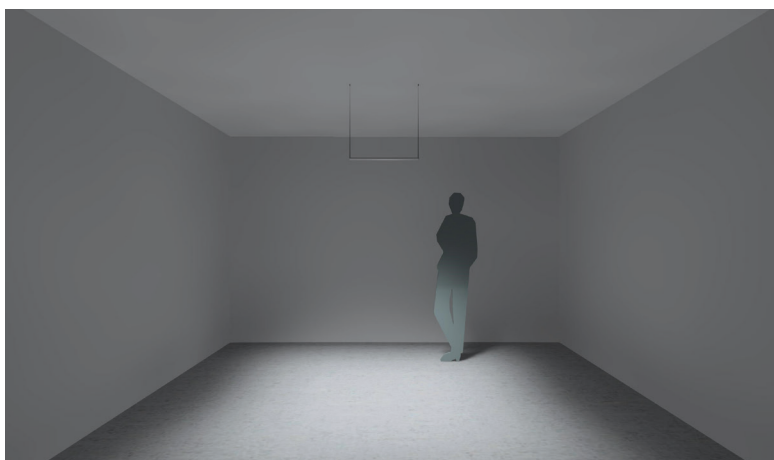
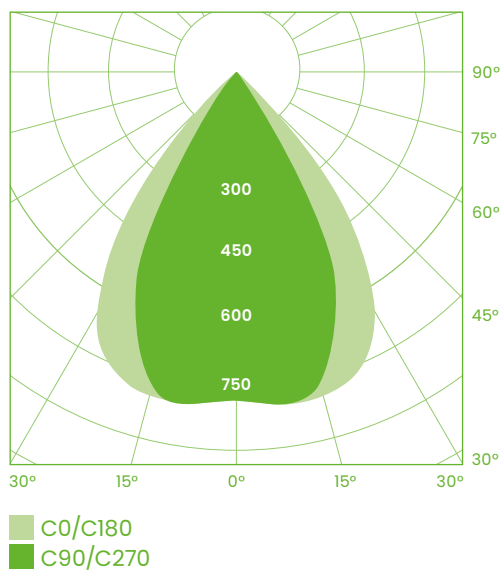
min. -20°C / max. +85°C

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	700 lm	1.050 lm	1.400 lm	1.750 lm	101,3
		black	541 lm	812 lm	1.083 lm	1.353 lm	78,3
>90	3.000 K	white	709 lm	1.063 lm	1.417 lm	1.771 lm	102,5
		black	548 lm	822 lm	1.096 lm	1.370 lm	79,3
>90	3.500 K	white	721 lm	1.082 lm	1.443 lm	1.803 lm	104,3
		black	558 lm	837 lm	1.115 lm	1.394 lm	80,7
>90	4.000 K	white	751 lm	1.126 lm	1.502 lm	1.877 lm	108,6
		black	581 lm	871 lm	1.161 lm	1.452 lm	84,0
>80	5.000 K	white	904 lm	1.356 lm	1.807 lm	2.259 lm	130,7
		black	699 lm	1.048 lm	1.398 lm	1.747 lm	101,1

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

Lichtverteilung / Light distribution



LTwo® PENDANT *black* – batwing wide, 580 mm

Application

Specifically designed for use with the apl desk lamp Lumami® DESK for uniform and glare free illumination of the work-space.

Order code

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

