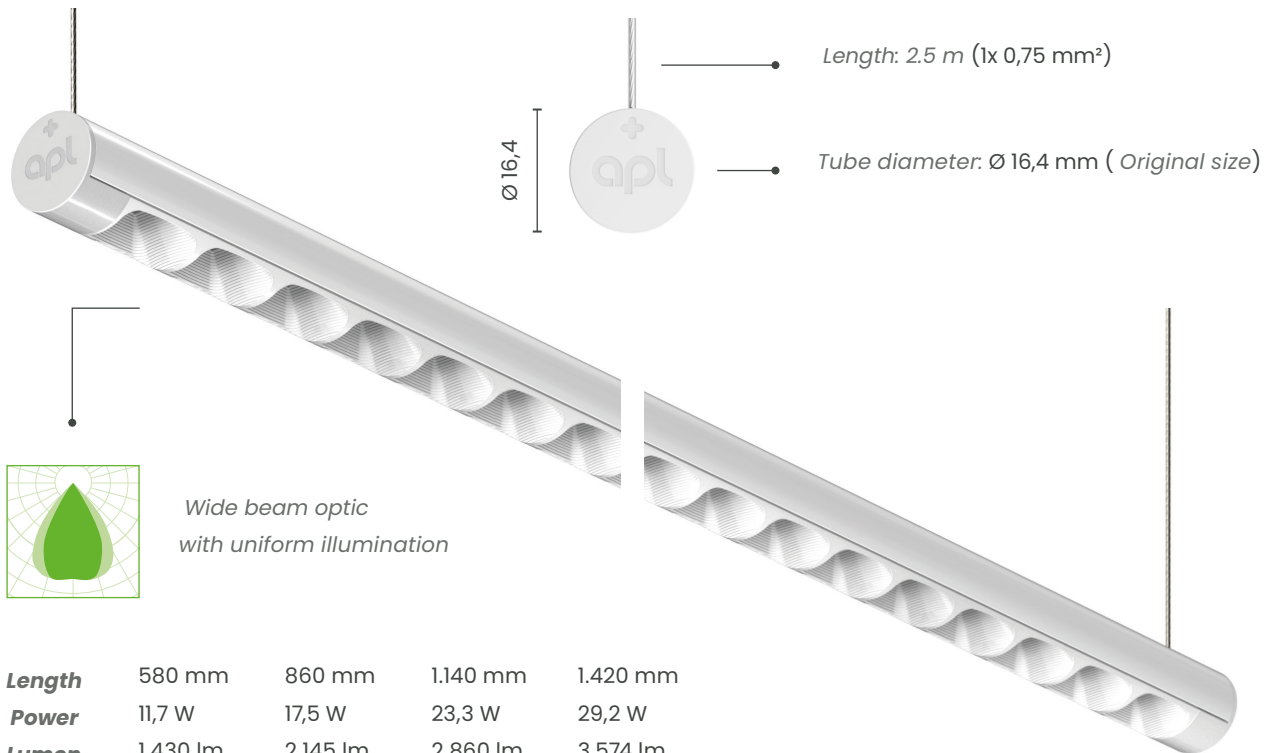


# LTwo® PENDANT – batwing wide

## constant voltage 48V – 20 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

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

### Wattagen / Wattages

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

### Lumen @ 5.000 K

1.430 lm, 2.145 lm, 2.860 lm, 3.574 lm

### Efficiency

122,6 lm/W (WW), 94,8 lm/W (BB)

### Light distribution

Batwing wide

### LED quantity

16 per 280 mm

### UGR (<22)

WW: 21,2 / 17,3 & BB: 19,4 / 14,0 (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

Specifically design-*ned* 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. +40°C

### Storage temperature (Ts)

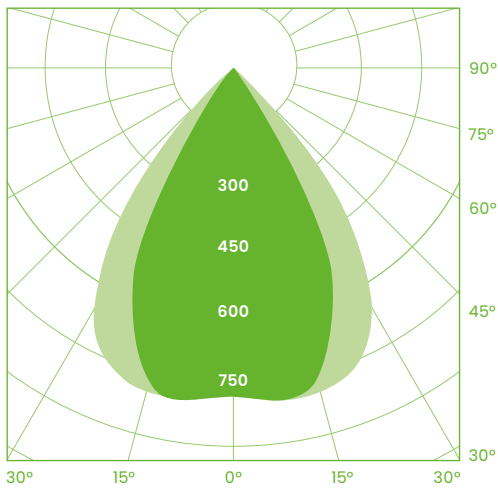
min. -20°C / max. +85°C

## 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	1.107 lm	1.661 lm	2.215 lm	2.768 lm	94,9
		black	856 lm	1.284 lm	1.713 lm	2.141 lm	73,4
>90	3.000 K	white	1.124 lm	1.686 lm	2.249 lm	2.811 lm	96,4
		black	869 lm	1.304 lm	1.739 lm	2.174 lm	74,5
>90	3.500 K	white	1.141 lm	1.712 lm	2.283 lm	2.853 lm	97,8
		black	883 lm	1.324 lm	1.765 lm	2.206 lm	75,7
>90	4.000 K	white	1.192 lm	1.788 lm	2.384 lm	2.980 lm	102,2
		black	922 lm	1.383 lm	1.844 lm	2.305 lm	79,0
>80	5.000 K	white	1.430 lm	2.145 lm	2.860 lm	3.574 lm	122,6
		black	1.106 lm	1.658 lm	2.211 lm	2.764 lm	94,8

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 – 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	20	10				PD	IP40
				580	927	BB		
				860	930	WW		
				1140	935			
				1420	940			
					850			

<b>OP</b> = Operating mode	<b>L</b> = Length (mm)
CV = Constant Voltage	580-1420 = 580 mm   860 mm   1140 mm   1420 mm
CC = Constant Current	<b>PC</b> = Photometric code
<b>NP</b> = 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	<b>C</b> = Housing colour
<b>Optic</b> = Optic (Degree)	BB   WW = Black   White
10-60 = 10° HB   13°   25°   40°   60°	<b>LH</b> = Luminaire holder
BWN   BWW = Batwing narrow   Batwing wide	PD = Pendant luminaire
OVL   WW = Oval   Wall washer	<b>IP</b> = Protection class
OP   DF   CL = 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 +/-20° 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

