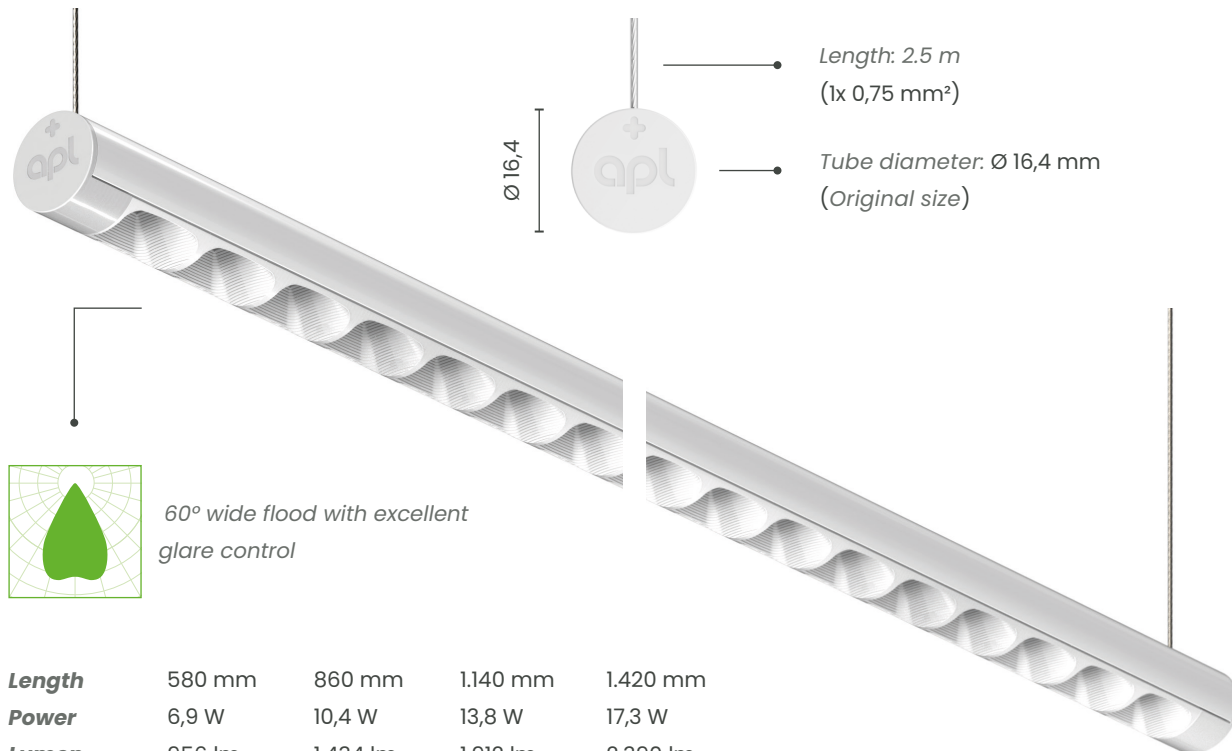


# LTwo® PENDANT – 60° wide flood

## constant voltage

## 48V – 12 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) &amp; Schwarz / Black (BB, RAL9005)

### Wattages

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

### Lumen @ 5.000 K

956 lm, 1.434 lm, 1.912 lm, 2.390 lm

### Efficiency

138,3 lm/W (WW), 126,3 lm/W (BB)

### Light distribution

60° symmetrical

### LED quantity

16 per 280 mm

### UGR (<16)

WW: 13,9 / 14,7 &amp; BB: 12,5 / 13,8 (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 (&gt;90), 5.000 K (&gt;80)

### Binning

3 SDCM

### Lifetime

60.000 h L80B10

### Application

Ideal for uniform general lighting in offices, conference rooms and retail spaces. Fulfills 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 (T<sub>c</sub>)

min. -20°C / max. +80°C

### Ambient temperature (T<sub>a</sub>)

min. -20°C / max. +45°C

### Storage temperature (T<sub>s</sub>)

min. -20°C / max. +85°C

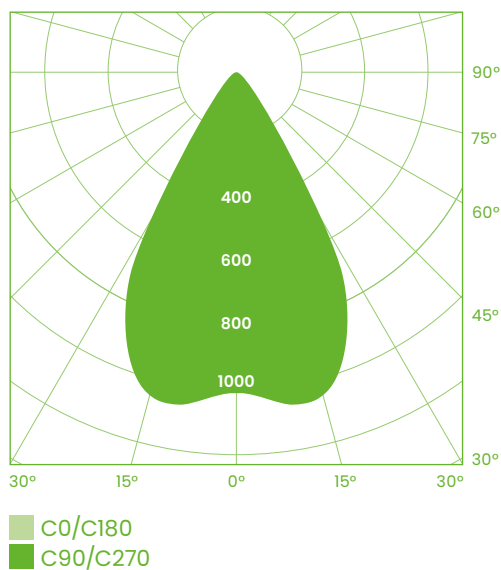
## Length, lumen, watt

| CRI | CCT / Kelvin | Farbe / Color | 580 mm<br>6,9 W | 860 mm<br>10,4 W | 1.140 mm<br>13,8 W | 1.420 mm<br>17,3 W | lm/W  |
|-----|--------------|---------------|-----------------|------------------|--------------------|--------------------|-------|
| >90 | 2.700 K      | white         | 741 lm          | 1.111 lm         | 1.481 lm           | 1.851 lm           | 107,1 |
|     |              | black         | 676 lm          | 1.015 lm         | 1.353 lm           | 1.691 lm           | 97,9  |
| >90 | 3.000 K      | white         | 749 lm          | 1.124 lm         | 1.499 lm           | 1.874 lm           | 108,4 |
|     |              | black         | 685 lm          | 1.027 lm         | 1.369 lm           | 1.711 lm           | 99,0  |
| >90 | 3.500 K      | white         | 763 lm          | 1.144 lm         | 1.526 lm           | 1.907 lm           | 110,4 |
|     |              | black         | 697 lm          | 1.045 lm         | 1.394 lm           | 1.742 lm           | 100,8 |
| >90 | 4.000 K      | white         | 794 lm          | 1.192 lm         | 1.589 lm           | 1.986 lm           | 114,9 |
|     |              | black         | 726 lm          | 1.088 lm         | 1.451 lm           | 1.814 lm           | 105,0 |
| >80 | 5.000 K      | white         | 956 lm          | 1.434 lm         | 1.912 lm           | 2.390 lm           | 138,3 |
|     |              | black         | 873 lm          | 1.310 lm         | 1.746 lm           | 2.183 lm           | 126,3 |

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 *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 | 12 | 60    |      |     |    | 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

