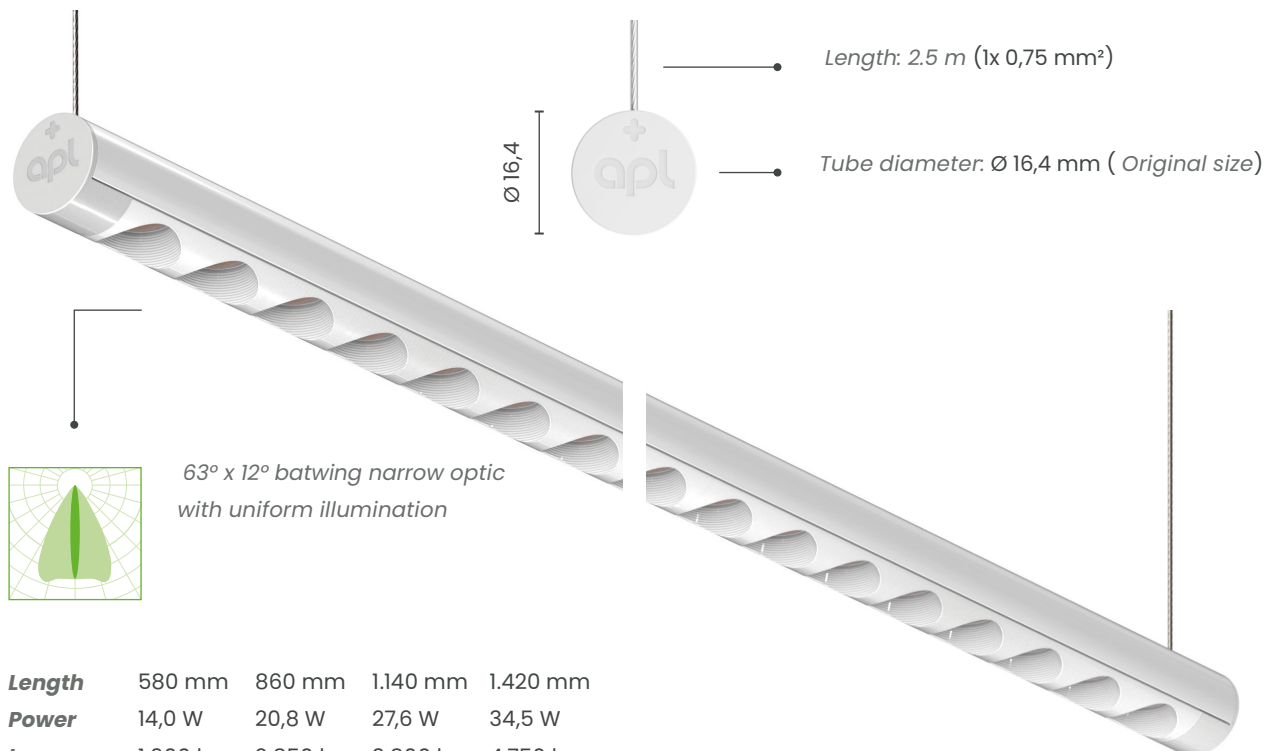


LTwo® PENDANT – batwing narrow

constant current

25 watt/m



Product description

LTwo® PENDANT – Light Tube with Optics as a pendant lumi-naire. 63° x 12° batwing narrow optic with max. 4,750 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

156 g, 208 g, 260 g, 312 g

Housing colour

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

Wattages

4,0 W; 20,8 W; 27,6 W; 34,5 W

Lumen @ 5.000 K

1.900 lm, 2.850 lm, 3.800 lm, 4.750 lm

Efficiency

137,5 lm/W (WW), 119,5 lm/W (BB)

Light distribution

63° x 12° batwing narrow

LED quantity

16 per 280 mm

UGR (<22)

WW: 20,3 / 15,7 & BB: 19,1 / 5,7 (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

Linear batwing optic for precise and efficient illumination of aisles and rows of shelves.

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 current (CC)

Dimmable

Yes

Operating current

580 mm – 1140 mm = max. 600 mA; 1420 mm = max. 750 mA

Housing temperature (T_c)

min. -20°C / max. +80°C

Ambient temperature (T_a)

min. -20°C / max. +35°C

Storage temperature (T_s)

min. -20°C / max. +85°C

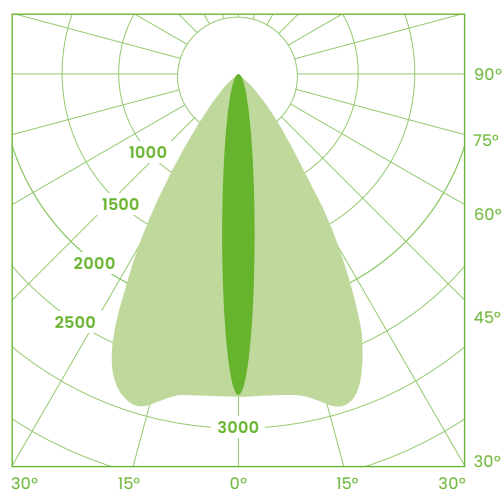
Length, lumen, watt

CRI	CCT / Kelvin	Farbe / Color	580 mm 14,0 W (0,6 A x 23 V)	860 mm 20,8 W (0,6 A x 35 V)	1.140 mm 27,6 W (0,6 A x 46 V)	1.420 mm 34,5 W (0,75 A x 46 V)	lm/W
>90	2.700 K	white	1.472 lm	2.208 lm	2.944 lm	3.680 lm	106,5
		black	1.280 lm	1.919 lm	2.559 lm	3.199 lm	92,6
>90	3.000 K	white	1.489 lm	2.234 lm	2.979 lm	3.723 lm	107,8
		black	1.295 lm	1.942 lm	2.590 lm	3.237 lm	93,7
>90	3.500 K	white	1.511 lm	2.267 lm	3.022 lm	3.778 lm	109,4
		black	1.314 lm	1.971 lm	2.627 lm	3.284 lm	95,1
>90	4.000 K	white	1.581 lm	2.372 lm	3.162 lm	3.953 lm	114,4
		black	1.374 lm	2.062 lm	2.749 lm	3.436 lm	99,5
>80	5.000 K	white	1.900 lm	2.850 lm	3.800 lm	4.750 lm	137,5
		black	1.652 lm	2.478 lm	3.303 lm	4.129 lm	119,5

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 narrow, 580 mm

Application

Linear batwing optic for precise and efficient illumination of aisles and rows of shelves.

Order code

Product	OP	NP	Optic	L	PC	C	LH	IP
APL-LTwoT5	CV	12	10				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

