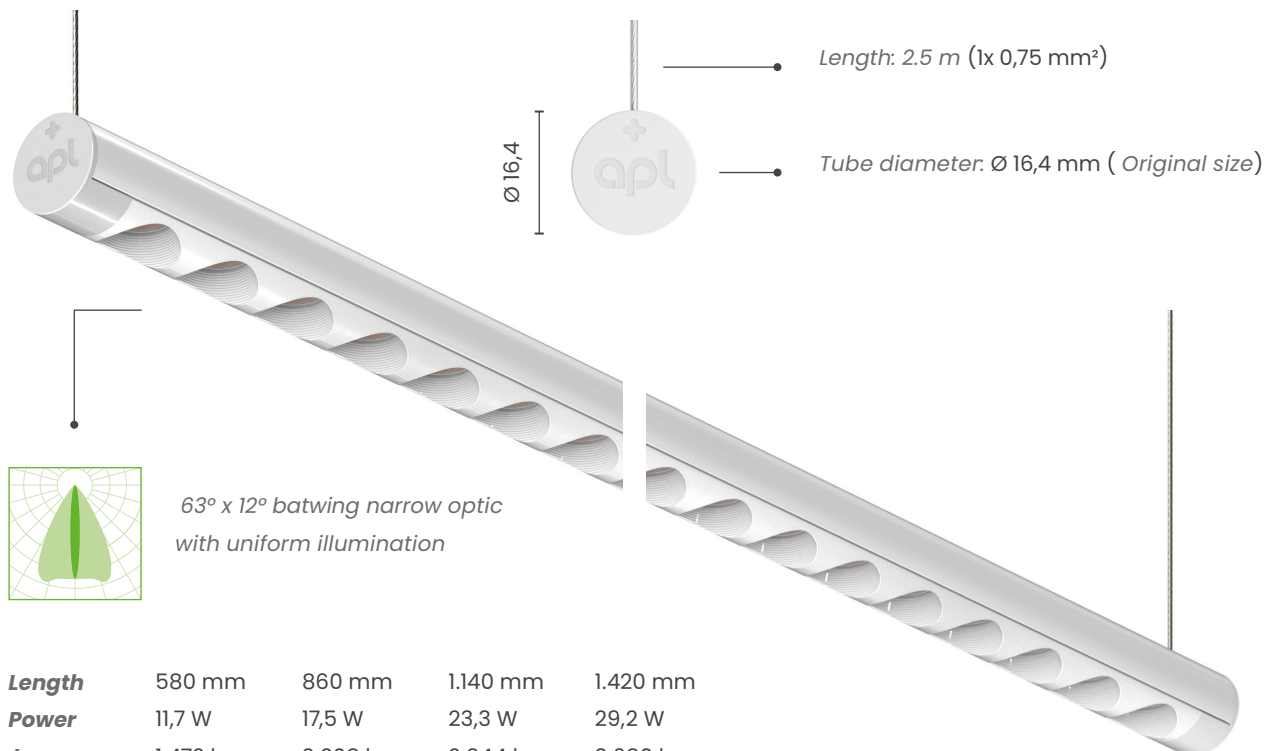


LTwo® PENDANT – batwing narrow

constant voltage 48V – 20 watt/m



Product description

LTwo® PENDANT – Light Tube with Optics as a pendant lumi-naire. 63° x 12° batwing narrow optic with max. 3,680 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

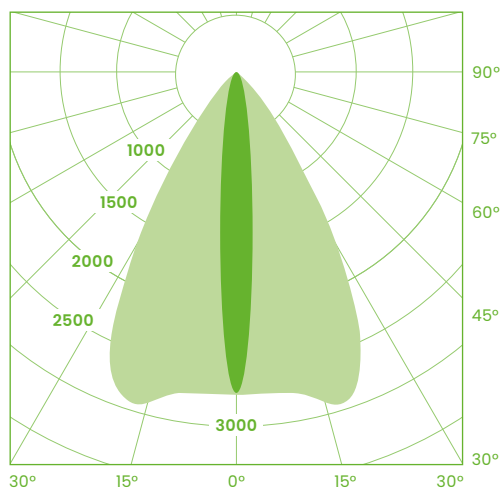
Dimensions Ø 16,4 mm	Binning 3 SDCM
Length 580 mm, 860 mm, 1.140 mm, 1.420 mm	Lifetime 60.000 h L80B10
Weight 156 g, 208 g, 260 g, 312 g	Application Linear batwing optic for precise and efficient illumination of aisles and rows of shelves.
Housing colour Weiß / White (WW, RAL9016) & Schwarz / Black (BB, RAL9005)	Protection IP40 (Indoor use only)
Wattages 11,7 W; 17,5 W; 23,3 W; 29,2 W	Risk group (IEC 62471:2006) RG 0 (2.700 K – 4.000 K) RG 1 (5.000 K)
Lumen @ 5.000 K 1.472 lm, 2.208 lm, 2.944 lm, 3.680 lm	Operating mode Constant Voltage (CV)
Efficiency 126,2 lm/W (WW), 109,7 lm/W (BB)	Dimmable Yes
Light distribution 63° x 12° batwing narrow	Operating voltage 48 V DC -1,0 / +1,75
LED Anzahl / LED quantity 16 per 280 mm	Housing temperature (Tc) min. -20°C / max. +80°C
UGR (<22) WW: 19,5 / 14,9 & BB: 18,2 / 4,9 (4H 8H / 70 50 20 / @1.000 lm)	Ambient temperature (Ta) min. -20°C / max. +40°C
LED Pitch 17,5 mm	Storage temperature (Ts) min. -20°C / max. +85°C
CCT / CRI 2.700 K, 3.000 K, 3.500 K, 4.000 K (>90), 5.000 K (>80)	

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	1.140 lm	1.710 lm	2.280 lm	2.850 lm	97,7
		black	991 lm	1.487 lm	1.982 lm	2.478 lm	85,0
>90	3.000 K	white	1.157 lm	1.736 lm	2.315 lm	2.894 lm	99,2
		black	1.006 lm	1.509 lm	2.012 lm	2.515 lm	86,3
>90	3.500 K	white	1.175 lm	1.762 lm	2.350 lm	2.937 lm	100,7
		black	1.021 lm	1.532 lm	2.043 lm	2.553 lm	87,6
>90	4.000 K	white	1.227 lm	1.841 lm	2.455 lm	3.068 lm	105,2
		black	1.067 lm	1.600 lm	2.134 lm	2.667 lm	91,5
>80	5.000 K	white	1.472 lm	2.208 lm	2.944 lm	3.680 lm	126,2
		black	1.280 lm	1.919 lm	2.559 lm	3.199 lm	109,7

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	20	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 | BWV = Batwing narrow | Batwing wide
 OVL | WW = Oval | Wall washer
 OP | DF | CL = 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® PENDANT



LTwo® OUTDOOR



LTwo® MAGNETIC



LTwo® BATTERY

