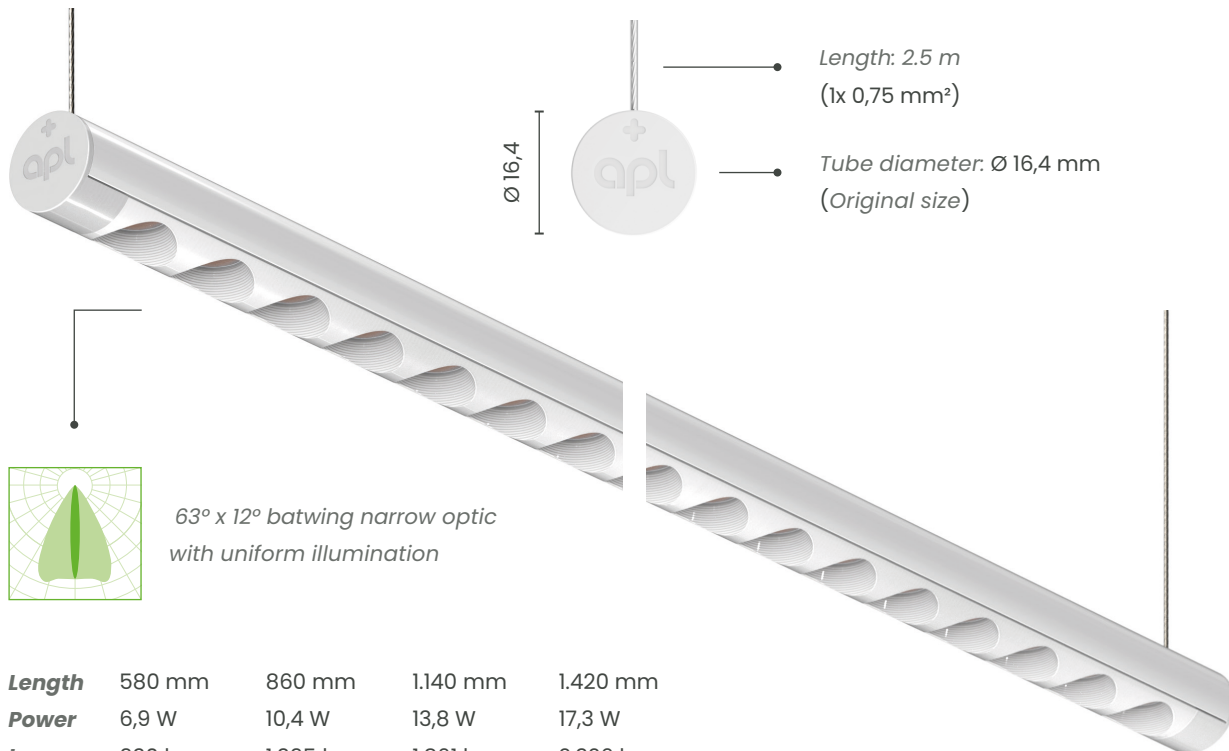


LTwo® PENDANT – batwing narrow

constant voltage

48V – 12 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

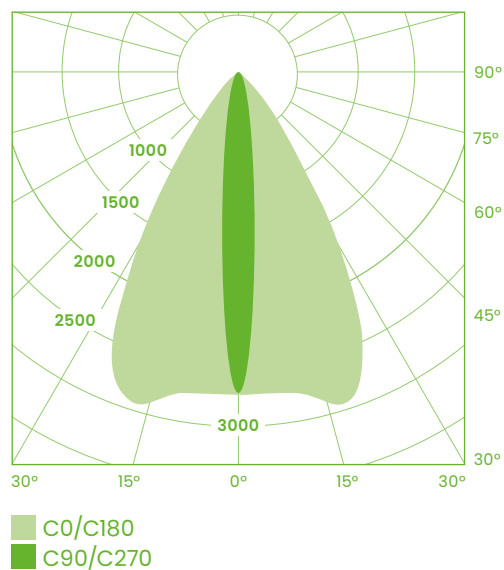
Dimensions Ø 16,4 mm	Binning 3 SDCM
Length 580 mm, 860 mm, 1.140 mm, 1.420 mm	Lifetime 60.000 h L80B10
Weight 156 g, 208 g, 260 g, 312 g	Application Linear batwing optic for precise and efficient illumination of aisles and rows of shelves.
Housing colour White (WW, RAL9016) & Black (BB, RAL9005)	Protection IP40 (Indoor use only)
Wattages 6,9 W; 10,4 W; 13,8 W; 17,3 W	Risk group (IEC 62471:2006) RG 0 (2.700 K – 4.000 K) RG 1 (5.000 K)
Lumen @ 5.000 K 930 lm, 1.395 lm, 1.861 lm, 2.326 lm	Operating mode Constant Voltage (CV)
Efficiency 134,6 lm/W (WW), 117 lm/W (BB)	Dimmable Yes
Light distribution 63° x 12° batwing narrow	Operating voltage 48 V DC -1,0 / +1,75
LED quantity 16 per 280 mm	Housing temperature (Tc) min. -20°C / max. +80°C
UGR (<19) WW: 17,9 / 13,3 & BB: 16,6 / 3,3 (4H 8H / 70 50 20 / @1.000 lm)	Ambient temperature (Ta) min. -20°C / max. +45°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 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	721 lm	1.081 lm	1.441 lm	1.802 lm	104,3
		black	626 lm	940 lm	1.253 lm	1.566 lm	90,6
>90	3.000 K	white	729 lm	1.094 lm	1.459 lm	1.823 lm	105,5
		black	634 lm	951 lm	1.268 lm	1.585 lm	91,7
>90	3.500 K	white	742 lm	1.114 lm	1.485 lm	1.856 lm	107,4
		black	645 lm	968 lm	1.291 lm	1.614 lm	93,4
>90	4.000 K	white	773 lm	1.160 lm	1.546 lm	1.933 lm	111,8
		black	672 lm	1.008 lm	1.344 lm	1.680 lm	97,2
>80	5.000 K	white	930 lm	1.395 lm	1.861 lm	2.326 lm	134,6
		black	809 lm	1.213 lm	1.617 lm	2.022 lm	117,0

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* – 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	BWN				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

