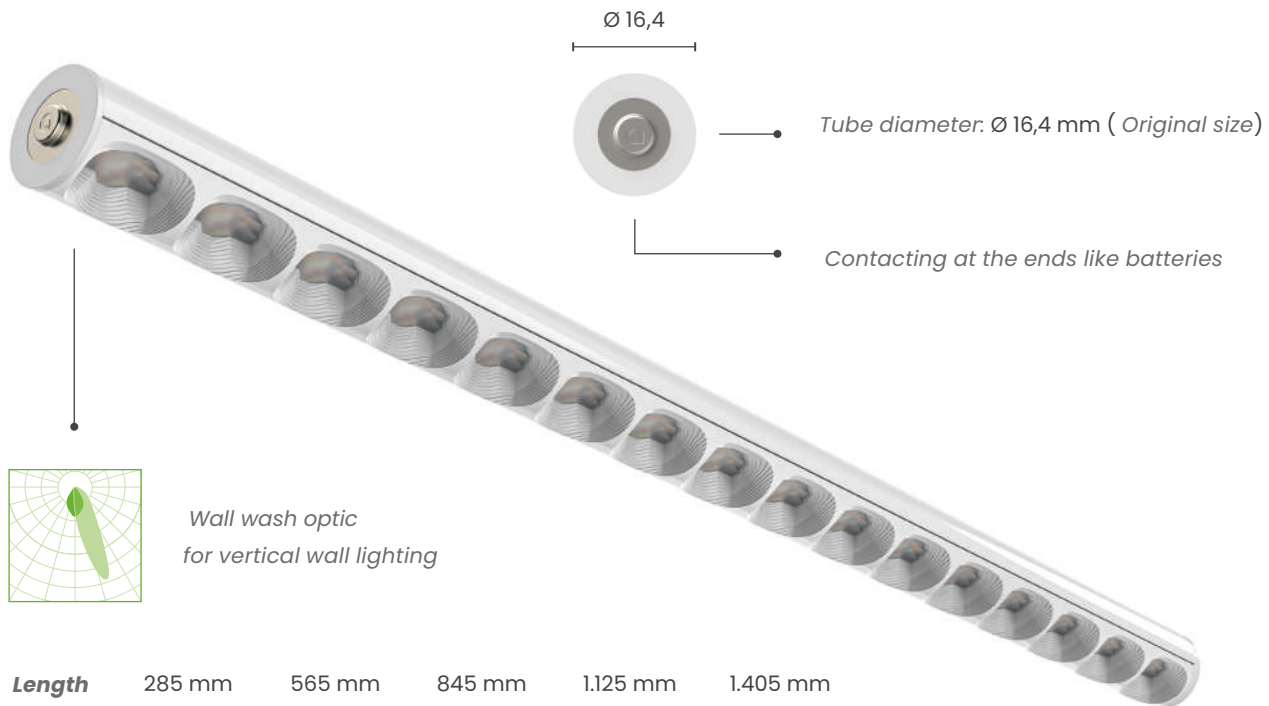


LTwo® BATTERY – wall wash

constant voltage 48V – 12 watt/m



Length	285 mm	565 mm	845 mm	1.125 mm	1.405 mm
Power	3,5 W	6,9 W	10,4 W	13,8 W	17,3 W
Lumen	433 lm	865 lm	1.298 lm	1.730 lm	2.163 lm

Product description

LTwo® BATTERY – Light Tube with Optics and battery con-tacts. Wall wash optic with max. 3,422 lumen, based on the modular, miniaturised LTwo® light source/luminaire system with 13 high-quality precision optics and extensive accessories for all lighting applications.

Like batteries, the electrical connection is made at the ends using inexpensive and commercially available battery connectors. This makes it particularly easy to replace the LTwo® BATTERY without tools. 360° freely rotatable for ideal alignment and maximum flexibility.

Very environmentally friendly due to minimal use of material (181 g/m), interchangeability, recyclability and high efficiency (up to 193 lm/W). Ideally suited for building and material integration as well as the construction of luminaires or use with a wide range of accessories from apl.

Product features



Legende / Legend

Dimensions

Ø 16,4 mm

Length

285 mm, 565 mm, 845 mm, 1.125 mm, 1.405 mm

Weight

54 g, 106 g, 158 g, 210 g, 262 g

Housing colour

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

Wattagen / Wattages

3,5 W; 6,9 W; 10,4 W; 13,8 W; 17,3 W

Lumen @ 5.000 K

433 lm, 865 lm, 1.298 lm, 1.730 lm, 2.163 lm

Efficiency

125,1 lm/W (WW), 119,8 lm/W (BB)

Light distribution

Wall wash asymmetrical

LED quantity

16 per 280 mm

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

Ideal for a uniform illumination of a wall across the entire height and width.

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_c)

min. -20°C / max. +80°C

Ambient temperature (T_a)

min. -20°C / max. +45°C

Storage temperature (T_s)

min. -20°C / max. +85°C

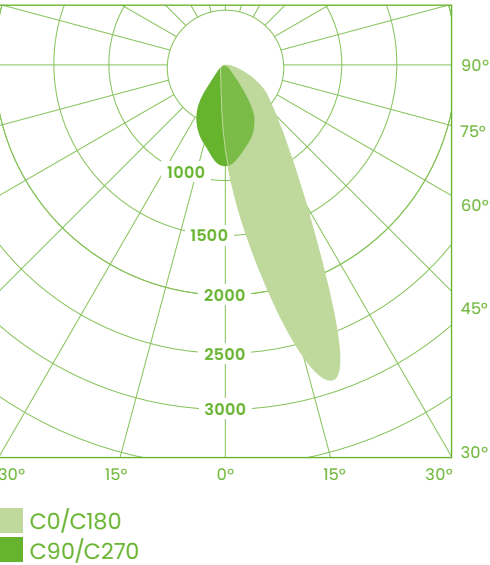
Length, lumen, watt

CRI	CCT / Kelvin	Farbe / Color	285 mm 3,5 W	565 mm 6,9 W	845 mm 10,4 W	1.125 mm 13,8 W	1.405 mm 17,3 W	lm/W
>90	2.700 K	white	335 lm	670 lm	1.005 lm	1.340 lm	1.675 lm	96,9
		black	321 lm	642 lm	962 lm	1.283 lm	1.604 lm	92,8
>90	3.000 K	white	339 lm	678 lm	1.017 lm	1.356 lm	1.696 lm	98,1
		black	325 lm	649 lm	974 lm	1.299 lm	1.624 lm	94,0
>90	3.500 K	white	345 lm	690 lm	1.036 lm	1.381 lm	1.726 lm	99,9
		black	331 lm	661 lm	992 lm	1.322 lm	1.653 lm	95,6
>90	4.000 K	white	359 lm	719 lm	1.078 lm	1.438 lm	1.797 lm	104,0
		black	344 lm	688 lm	1.032 lm	1.377 lm	1.721 lm	99,6
>80	5.000 K	white	433 lm	865 lm	1.298 lm	1.730 lm	2.163 lm	125,1
		black	414 lm	828 lm	1.242 lm	1.657 lm	2.071 lm	119,8

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



LTwo® BATTERY schwarz / black – wall wash, 565 mm

Application
Ideal for a uniform illumina-tion of a wall across the entire height and width.

Order code

Product	OP	NP	Optic	L	PC	C	LH	IP
APL-LTwoT5	CV	20	10				BC	IP40
				285	927	BB		
				565	930	WW		
				845	935			
				1125	940			
				1405	850			

OP	= Operating mode	L	= Length (mm)
CV	= Constant Voltage	145-1405	= 145 mm 85 mm 65 mm 45 mm 125 mm 405 mm
CC	= Constant Current	PC	= Photometric code
NP	= 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	C	= Housing colour
Optic	= Optic (Degree)	BB WW	= Black White
10-60	= 10° HB 13° 25° 40° 60°	LH	= Luminaire holder
BWN BWW	= Batwing narrow Batwing wide	BC	= Battery contact
OVL WW	= Oval Wall washer	IP	= 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 $\pm 20^\circ$ 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

