

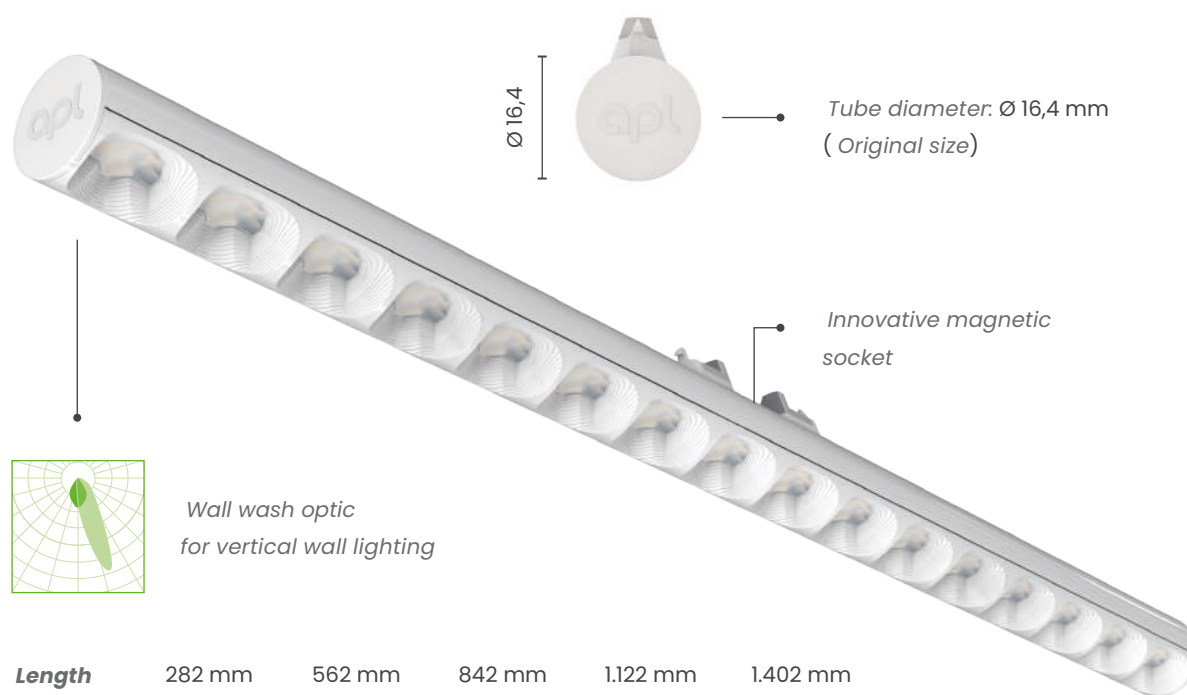
LTwo® MAG – wall wash

constant voltage

48V – 12 watt/m



reddot winner 2023



Length	282 mm	562 mm	842 mm	1.122 mm	1.402 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® - Light Tube with Optics. 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. With newly developed, multifunctional lamp/luminaire holder for easy, tool-free, magnetic installation and angle adjustment in +/-20°, as well as locking. Coded socket for safe operation of lamp luminaires with different operation modes in Constant Voltage or Constant Current. Very environmentally friendly due to minimal use of material (180g/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

282 mm, 562 mm, 842 mm, 1.122 mm, 1.402 mm

Weight

53 g, 105 g, 157 g, 209 g, 261 g

Housing colour

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

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 Anzahl / 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

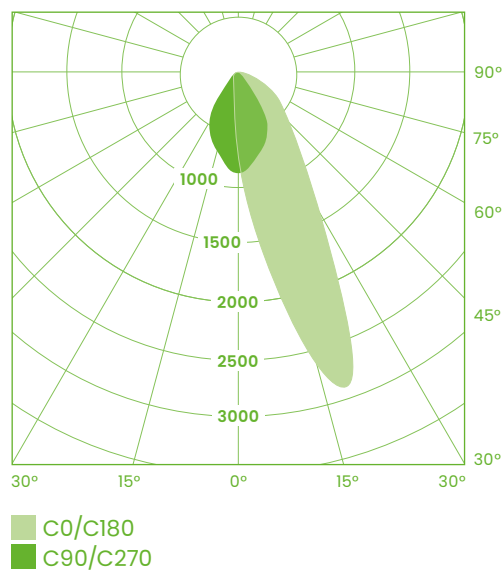
Length, lumen, watt

CRI	CCT / Kelvin	Farbe / Color	282 mm 3,5 W	562 mm 6,9 W	842 mm 10,4 W	1.122 mm 13,8 W	1.402 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® schwarz / black – wall wash, 562mm

Application

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

Order code

Product	OP	NP	Optic	L	PC	C	LH	IP
APL-LTwoT5	CV	12	10				MAG	IP40
				282	927	BB		
				562	930	WW		
				842	935			
				1122	940			
				1402	850			

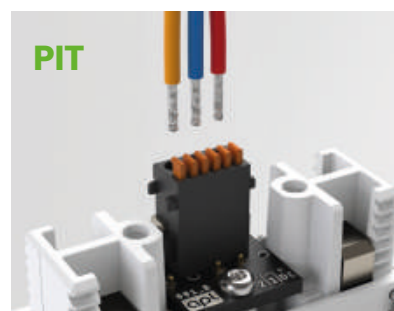
OP = Operating mode
 CV = Constant Voltage
 CC = Constant Current
NP = Nominal power per m (W/m)
 12-25 = 12 W/m | 20 W/m | 25 W/m
Optic = Optic (Degree)
 10-60 = 10° HB | 13° | 25° | 40° | 60°
 BWN | BWW = Batwing narrow | Batwing wide
 OVL | WW = Oval | Wall washer
 OP | DF | CL = Opal | Diffuse | Clear

L = Length (mm)
 142-1402 = 142 mm | 82 mm | 62 mm | 42 mm | 122 mm | 402 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
 MAG = Magnetic luminaire holder
IP = Protection class
 IP40 = Indoor use only



Under the following link you will find the tender specification for the product:
<https://apl.ag/products/>

LTwo® accessories



LTwo® magnetic lampholder

The "LTwo® magnetic lamp holder" is required to operate the LTwo®. Select the "PIT block" variant to connect the lamp holder to the ballast with its own cable. If you prefer a plug-in solution, then select the "JST" variant. To connect this variant to the ballast, the "3-pole cable set with JST" is required. Alternatively, you can choose a pre-wired ballast, in which the cable set is already permanently connected to the ballast. There are a wide range of accessories for mounting the lamp holder. Please refer to our accessories catalog. The accessories are optimized to realize your own lighting project and to easily integrate the LTwo® into all types of materials or the building.



LTwo® to use in track lighting systems

In existing track lighting systems, use the Lumami® TRACK. No further accessories are required here.

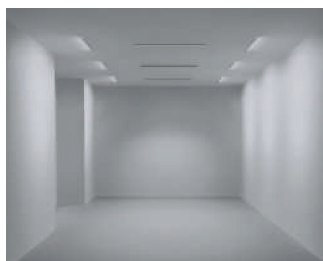


LTwo® as linear Downlight To use the LTwo as a linear downlight from the standard mounting holes, use Lumami® DOWNLIGHT.



LTwo® to use in apl luminaires

If you choose an apl luminaire (e.g. Lumami® DESK), no further accessories are required.



LTwo® into your project Please contact us at the following service address. We will be happy by integrating LTwo® in your project.
info@apl.ag