

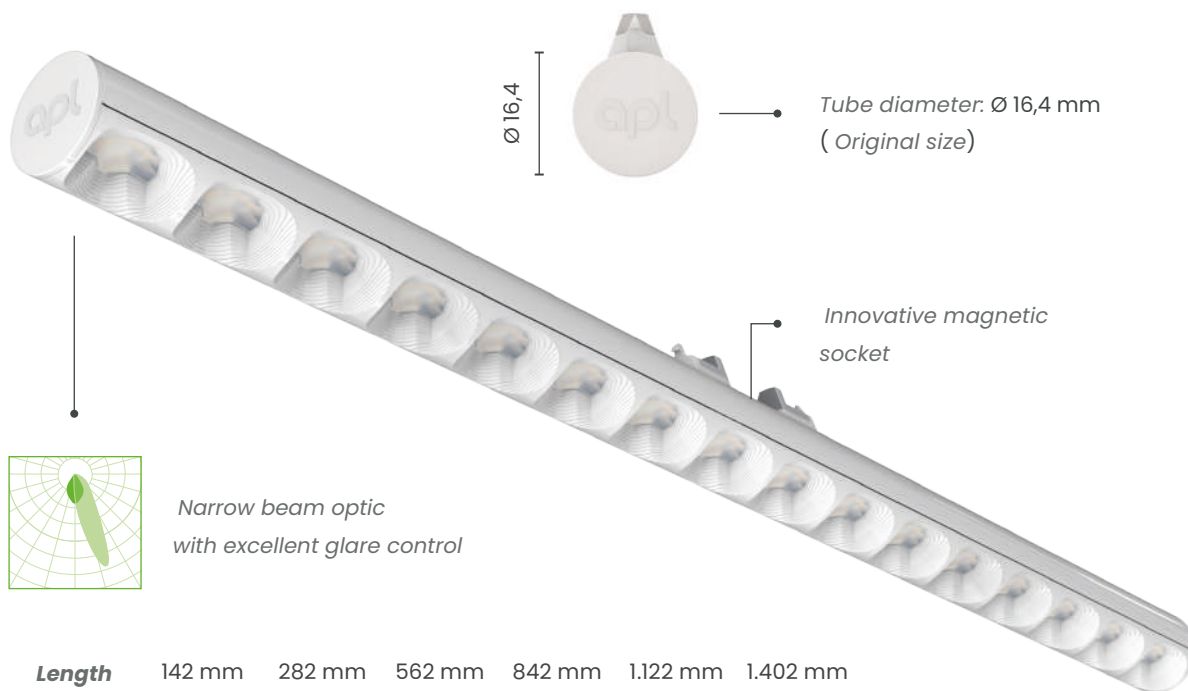
LTwo® MAG – wall wash

constant current

25 watt/m



reddot winner 2023



Length	142 mm	282 mm	562 mm	842 mm	1.122 mm	1.402 mm
Power	3,8 W	7,2 W	14,0 W	20,8 W	27,6 W	34,5 W
Lumen	442 lm	883 lm	1.767 lm	2.650 lm	3.533 lm	4.417 lm

Product description

LTwo® – Light Tube with Optics. Wall wash optic with max. 4,417 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 $\pm 20^\circ$, 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

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

Weight

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

Housing colour

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

Wattages

3,8 W; 7,2 W; 14,0 W; 20,8 W; 27,6 W; 34,5 W

Lumen @ 5.000 K

442 lm, 883 lm, 1.767 lm, 2.650 lm, 3.533 lm, 4.417 lm

Efficiency

127,9 lm/W (WW), 122,4 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 current (CC)

Dimmable

Yes

Operating current

142 mm – 1122 mm = max. 600 mA; 1402 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

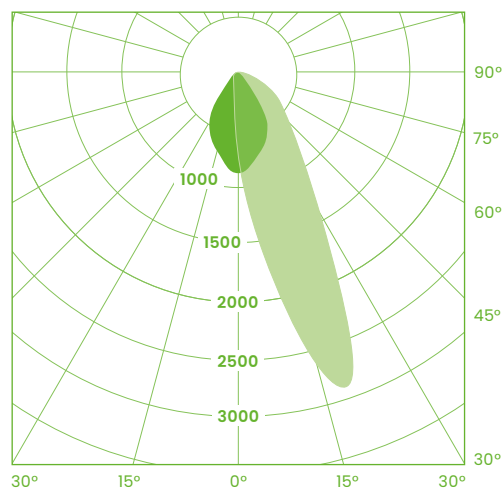
Length, lumen, watt

CRI	CCT / Kelvin	Farbe / Color	142 mm 3,8 W (0,6 A x 6 V)	282 mm 7,2 W (0,6 A x 12 V)	562 mm 14,0 W (0,6 A x 23 V)	842 mm 20,8 W (0,6 A x 35 V)	1.122 mm 27,6 W (0,6 A x 46 V)	1.402 mm 34,5 W (0,75 A x 46 V)	lm/W
>90	2.700 K	white	342 lm	684 lm	1.369 lm	2.053 lm	2.737 lm	3.422 lm	99,1
		black	328 lm	655 lm	1.311 lm	1.966 lm	2.621 lm	3.276 lm	94,9
>90	3.000 K	white	346 lm	692 lm	1.385 lm	2.077 lm	2.770 lm	3.462 lm	100,2
		black	332 lm	663 lm	1.326 lm	1.989 lm	2.652 lm	3.315 lm	96,0
>90	3.500 K	white	351 lm	703 lm	1.405 lm	2.108 lm	2.810 lm	3.513 lm	101,7
		black	336 lm	673 lm	1.346 lm	2.018 lm	2.691 lm	3.364 lm	97,4
>90	4.000 K	white	368 lm	735 lm	1.470 lm	2.205 lm	2.940 lm	3.675 lm	106,4
		black	352 lm	704 lm	1.408 lm	2.112 lm	2.815 lm	3.519 lm	101,9
>80	5.000 K	white	442 lm	883 lm	1.767 lm	2.650 lm	3.533 lm	4.417 lm	127,9
		black	423 lm	846 lm	1.692 lm	2.537 lm	3.383 lm	4.229 lm	122,4

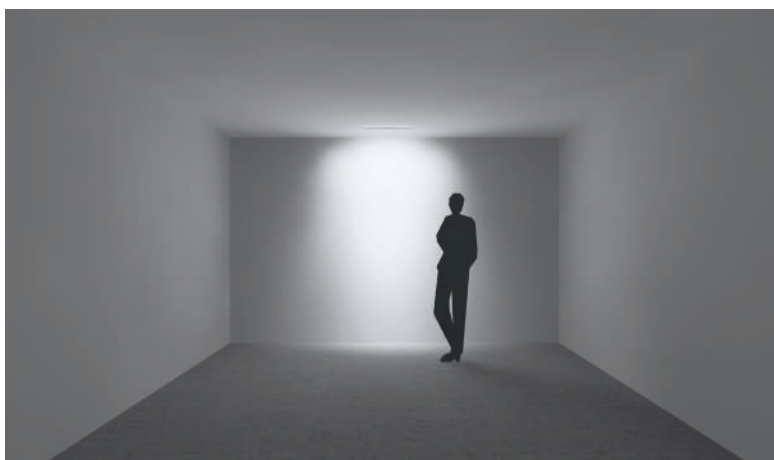
Optical and electronic data have a tolerance of ±10 %.

The TC point must be measured at thermal equilibrium in accordance with IEC EN 60598-1

Light distribution



■ C0/C180
■ C90/C270



LTwo® 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 | BW = Batwing narrow | Batwing wide
 OVL | WW = Oval | Wall washer
 OP | DF | CL = Opal | Diffuse | Clear

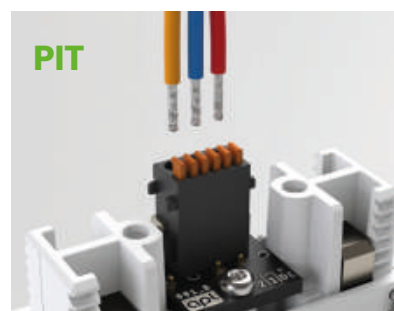
L = Length (mm)
 142-1402 = 142 mm | 82 mm | 62 mm | 42 mm | 122 mm | 402 mm
PC = Photometric code
 927-950 = CRI >90 | CRI >80 | 2.700K | 3.000K | 3.500K | 4.000K | 5.000K
C = Housing colour
 BB | WW = Black | White
LH = Luminaire holder
 MAG = Magnetic luminaire holder
IP = Protection class
 IP40 = 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.

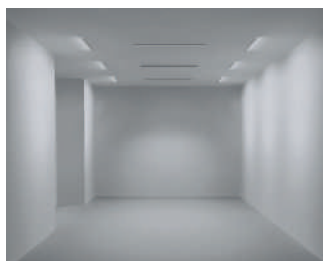


LTwo® as linear Downlight To use the LTwo as a linear downlight from the standard mounting holes, use Lumami® DOWNLIGHT.



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