

LTwo® OUTDOOR – IP67

wall wash

constant voltage 48V – 12 watt/m



Product description

LTwo® OUTDOOR – Light Tube with Optics in IP67 for outdoor use. Wall wash optic with max. 1,990 lumen, based on the modular, miniaturized LTwo® light source/luminaire system with 13 high-quality precision optics and extensive accessories for all lighting applications.

Simple and inexpensive installation with standard installation material. 360° freely rotatable for ideal alignment and maximum flexibility. With IP67 snap connector for quick and tool-free installation. Very environmentally friendly due to minimal use of material (250 g/m), interchangeability, recyclability and high efficiency (up to 178 lm/W). Ideally suited for high-quality architectural lighting in outdoor areas.

Product features



Legende / Legend

Dimensions

Ø 20,0 mm

Length

310 mm, 590 mm, 870 mm, 1.250 mm, 1.430 mm

Weight

55 g, 89 g, 158 g, 226 g, 294 g, 363 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

398 lm, 796 lm, 1.194 lm, 1.592 lm, 1.990 lm

Efficiency

115,1 lm/W (WW), 110,2 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

IP67 (Outdoor)

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 (Tc)

min. -20°C / max. +65°C

Ambient temperature (Ta)

min. -20°C / max. +45°C

Storage temperature (Ts)

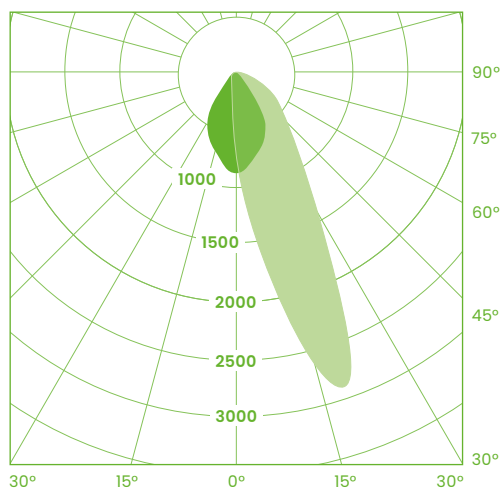
min. -20°C / max. +85°C

Length, lumen, watt

CRI	CCT / Kelvin	Farbe / Color	310 mm 3,5 W	590 mm 6,9 W	870 mm 10,4 W	1.150 mm 13,8 W	1.430 mm 17,3 W	lm/W
>90	2.700 K	white	308 lm	616 lm	925 lm	1.233 lm	1.541 lm	89,2
		black	295 lm	590 lm	885 lm	1.181 lm	1.476 lm	85,4
>90	3.000 K	white	312 lm	624 lm	936 lm	1.248 lm	1.560 lm	90,3
		black	299 lm	597 lm	896 lm	1.195 lm	1.494 lm	86,4
>90	3.500 K	white	318 lm	635 lm	953 lm	1.270 lm	1.588 lm	91,9
		black	304 lm	608 lm	912 lm	1.216 lm	1.521 lm	88,0
>90	4.000 K	white	331 lm	661 lm	992 lm	1.323 lm	1.653 lm	95,7
		black	317 lm	633 lm	950 lm	1.266 lm	1.583 lm	91,6
>80	5.000 K	white	398 lm	796 lm	1.194 lm	1.592 lm	1.990 lm	115,1
		black	381 lm	762 lm	1.143 lm	1.524 lm	1.905 lm	110,2

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® OUTDOOR schwarz / black – wall wash, 590 mm

Application

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

Bestellcode / Order code

Product	OP	NP	Optic	L	PC	C	LH	IP
APL-LTwoT5	CV	12	WW				OD	IP67
				310	927	BB		
				590	930	WW		
				870	935			
				1150	940			
				1430	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)
 170-1430 = 170 mm | 310 mm | 590 mm | 870 mm | 1150 mm | 1430 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
 OD = Outdoor
IP = Protection class
 IP67 = Suitable for outdoor use



Under the following link you will find the tender specification for the product:

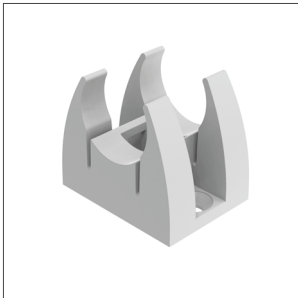
<https://apl.ag/products/>

LTwo® OUTDOOR accessories



2m Cable with 8mm snap connector for LTwo OUTDOOR

2m cable 22 AWG 3 Conductor in black with 8mm snap connector and open cable end. Compatible with all LTwo® OUTDOOR. + = brown, -1 = blue, -2 = black (-2 is for tunable white).



Mounting clip with lock for LTwo OUTDOOR in white

Mounting clip in white for LTwo® OUTDOOR. This mounting clip offers the option of securing the LTwo® OUTDOOR with a cable tie to prevent tool-free removal.



Mounting clip with lock for LTwo OUTDOOR in black

Mounting clip in black for LTwo® OUTDOOR. This mounting clip offers the option of securing the LTwo® OUTDOOR with a cable tie to prevent tool-free removal.



Mounting clip for LTwo OUTDOOR in white

Mounting clip in white for LTwo® OUTDOOR.



Mounting clip for LTwo OUTDOOR in black

Mounting clip in black for LTwo® OUTDOOR.