

LTwo® OUTDOOR – IP67

25° flood

constant voltage 48V – 12 watt/m



Product description

LTwo® OUTDOOR – Light Tube with Optics in IP67 for outdoor use. 25° flood optic with max. 2,148 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

58 g, 92 g, 161 g, 229 g, 297 g, 366 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

430 lm, 859 lm, 1.289 lm, 1.718 lm, 2.148 lm

Efficiency

124,3 lm/W (WW), 116,1 lm/W (BB)

Light distribution

25° symmetrical

LED quantity

16 per 280 mm

UGR (<13)

WW: 11,5 / 11,8 & BB: 11,3 / 11,6 (4H|8H / 70|50|20 / @1.000 lm)

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 focussed, pinpoint lighting to highlight objects or for general lighting with higher ceilings.

Protection

IP67
(Außenbereich / Outdoor)

Risk group (IEC 62471:2006)

RG 0 (2.700 K – 4.000 K) | RG 1 (5.000 K)

Operating mode

Konstantspannung /

Constant Voltage (CV)

Dimmable

Yes

Operating voltage

48 V DC -1,0 / +1,75

Housing temperature (T_c)

min. -20°C / max. +65°C

Ambient temperature (T_a)

min. -20°C / max. +45°C

Storage temperature (T_s)

min. -20°C / max. +85°C

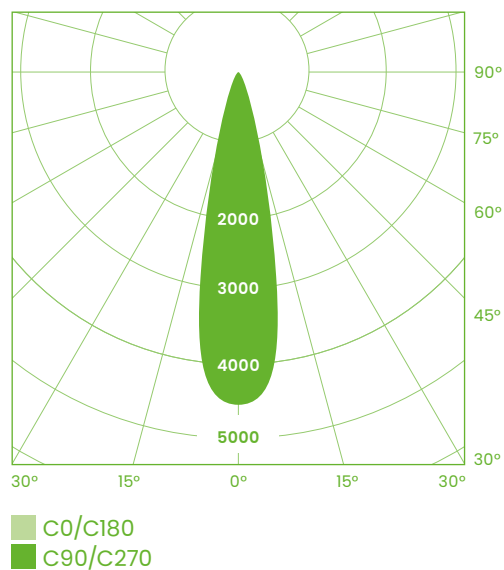
Length, lumen, watt

CRI	CCT / Kelvin	Farbe / Color	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	333 lm	666 lm	998 lm	1.331 lm	1.664 lm	96,3
		black	311 lm	621 lm	932 lm	1.243 lm	1.554 lm	89,9
>90	3.000 K	white	337 lm	674 lm	1.011 lm	1.347 lm	1.684 lm	97,5
		black	315 lm	629 lm	944 lm	1.258 lm	1.573 lm	91,0
>90	3.500 K	white	343 lm	686 lm	1.029 lm	1.372 lm	1.714 lm	99,2
		black	320 lm	640 lm	960 lm	1.281 lm	1.601 lm	92,6
>90	4.000 K	white	357 lm	714 lm	1.071 lm	1.428 lm	1.785 lm	103,3
		black	333 lm	667 lm	1.000 lm	1.333 lm	1.667 lm	96,5
>80	5.000 K	white	430 lm	859 lm	1.289 lm	1.718 lm	2.148 lm	124,3
		black	401 lm	802 lm	1.203 lm	1.605 lm	2.006 lm	116,1

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® OUTDOOR schwarz / black – 25° flood, 590 mm

Application

Ideal for a focussed, pinpoint lighting to highlight objects or for general lighting with higher ceilings.

Order code

Product	OP	NP	Optic	L	PC	C	LH	IP
APL-LTwoT5	CV	12	25				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 | BWV = Batwing narrow | Batwing wide
 OVL | WW = Oval | Wall washer
 OP | DF | CL = 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



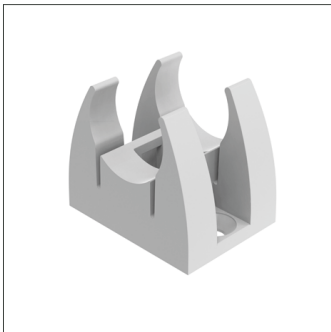
Under the following link you will find the tender specification for the product:
<https://apl.ag/products/>

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).



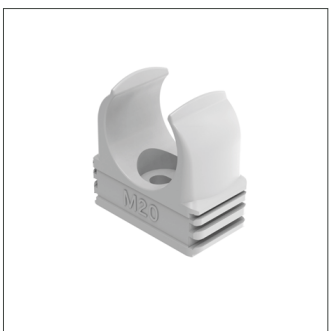
Mounting clip with lock for LTwo OUTDOOR in white

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.