

LTwo® OUTDOOR – IP67

40° flood

constant voltage 48V – 12 watt/m



Product description

LTwo® OUTDOOR – Light Tube with Optics in IP67 for outdoor use. 40° flood optic with max. 2,139 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

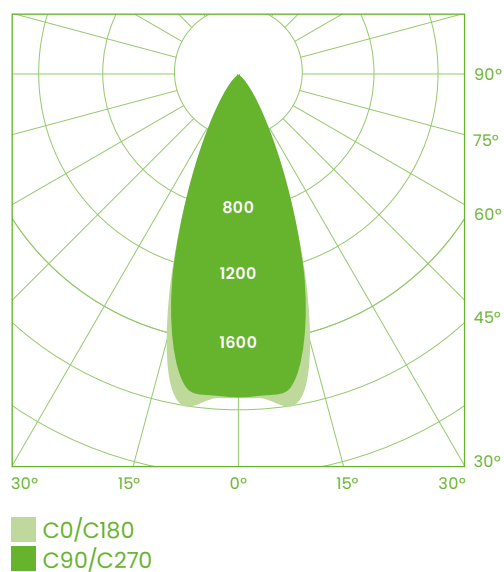
Dimensions Ø 20,0 mm	Binning 3 SDCM
Length 310 mm, 590 mm, 870 mm, 1.250 mm, 1.430 mm	Lifetime 60.000 h L80B10
Weight 58 g, 92 g, 161 g, 229 g, 297 g, 366 g	Application Ideal for illuminating specific areas without scattering the light too much. It is used to create accent lighting or for higher ceilings.
Housing colour Weiß / White (WW, RAL9016) & Schwarz / Black (BB, RAL9005)	Protection IP67 (AOutdoor)
Wattages 3,5 W; 6,9 W; 10,4 W; 13,8 W; 17,3 W	Risk group (IEC 62471:2006) RG 0 (2.700 K – 4.000 K) RG 1 (5.000 K)
Lumen @ 5.000 K 428 lm, 855 lm, 1.283 lm, 1.711 lm, 2.139 lm	Operating mode Constant Voltage (CV)
Efficiency 123,8 lm/W (WW), 111,6 lm/W (BB)	Dimmable Yes
Light distribution 40° symmetrical	Operating voltage 48 V DC -1,0 / +1,75
LED quantity 16 per 280 mm	Housing temperature (Tc) min. -20°C / max. +65°C
UGR (<16) WW: 13,7 / 14,2 & BB: 13,3 / 13,8 (4H 8H / 70 50 20 / @1.000 lm)	Ambient temperature (Ta) min. -20°C / max. +45°C
LED Pitch 17,5 mm	Storage temperature (Ts) min. -20°C / max. +85°C
CCT / CRI 2.700 K, 3.000 K, 3.500 K, 4.000 K (>90), 5.000 K (>80)	

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	331 lm	663 lm	994 lm	1.325 lm	1.657 lm	95,9
		black	299 lm	598 lm	897 lm	1.196 lm	1.494 lm	86,5
>90	3.000 K	white	335 lm	671 lm	1.006 lm	1.341 lm	1.677 lm	97,0
		black	303 lm	605 lm	908 lm	1.210 lm	1.513 lm	87,5
>90	3.500 K	white	341 lm	683 lm	1.024 lm	1.365 lm	1.707 lm	98,8
		black	308 lm	616 lm	924 lm	1.232 lm	1.540 lm	89,1
>90	4.000 K	white	355 lm	711 lm	1.066 lm	1.422 lm	1.777 lm	102,8
		black	321 lm	641 lm	962 lm	1.283 lm	1.603 lm	92,8
>80	5.000 K	white	428 lm	855 lm	1.283 lm	1.711 lm	2.139 lm	123,8
		black	386 lm	772 lm	1.158 lm	1.543 lm	1.929 lm	111,6

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 – 40° flood, 590 mm

Application

Ideal for illuminating specific areas without scattering the light too much. It is used to create accent lighting or for higher ceilings.

Order code

Product	OP	NP	Optic	L	PC	C	LH	IP
APL-LTwoT5	CV	12	40				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 | 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



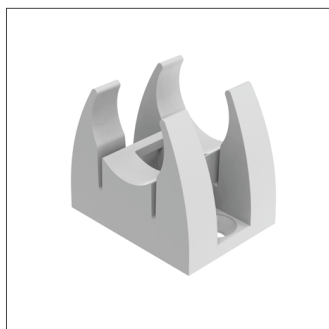
Under the following link you will find the tender
 specification for the product:
<https://apl.ag/products/>

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.