

LTwo® OUTDOOR – IP67

10° high bay

constant voltage 48V – 12 watt/m



Product description

LTwo® OUTDOOR – Light Tube with Optics in IP67 for outdoor use. 10° high bay optic with max. 2,239 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

448 lm, 896 lm, 1.344 lm, 1.791 lm, 2.239 lm

Efficiency

129,6 lm/W (WW), 122,3 lm/W (BB)

Light distribution

10° symmetrical

LED quantity

16 per 280 mm

UGR (<13)

WW: 9,8 / 10,2 & BB: 9,6 / 10,0 (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 lighting from a great height.

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)

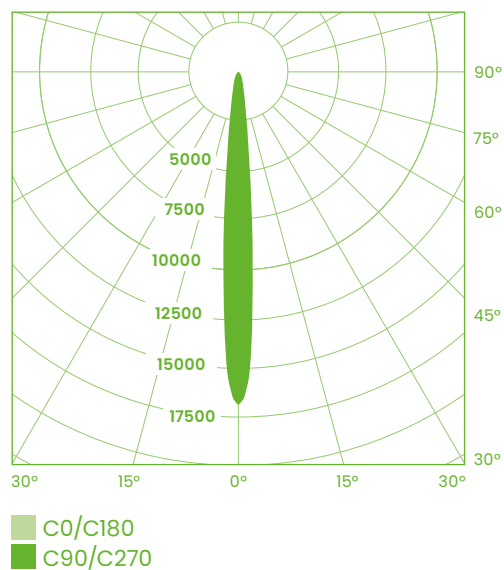
min. -20°C / max. +85°C

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	347 lm	694 lm	1.041 lm	1.388 lm	1.735 lm	100,4
		black	327 lm	655 lm	982 lm	1.310 lm	1.637 lm	94,7
>90	3.000 K	white	351 lm	702 lm	1.053 lm	1.405 lm	1.756 lm	101,6
		black	331 lm	663 lm	994 lm	1.326 lm	1.657 lm	95,9
>90	3.500 K	white	357 lm	715 lm	1.072 lm	1.430 lm	1.787 lm	103,4
		black	337 lm	675 lm	1.012 lm	1.349 lm	1.687 lm	97,6
>90	4.000 K	white	372 lm	744 lm	1.116 lm	1.489 lm	1.861 lm	107,7
		black	351 lm	702 lm	1.054 lm	1.405 lm	1.756 lm	101,6
>80	5.000 K	white	448 lm	896 lm	1.344 lm	1.791 lm	2.239 lm	129,6
		black	423 lm	845 lm	1.268 lm	1.691 lm	2.113 lm	122,3

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 – 10° high bay, 590 mm

Application

Ideal for lighting from a great height.

Order code

Product	OP	NP	Optic	L	PC	C	LH	IP
APL-LTwoT5	CV	12	10				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:

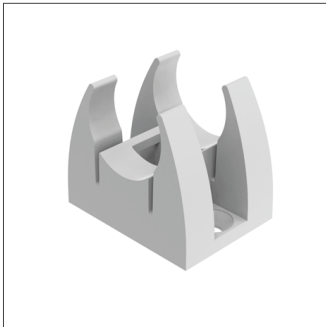
<https://apl.ag/products/>

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.