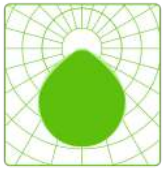


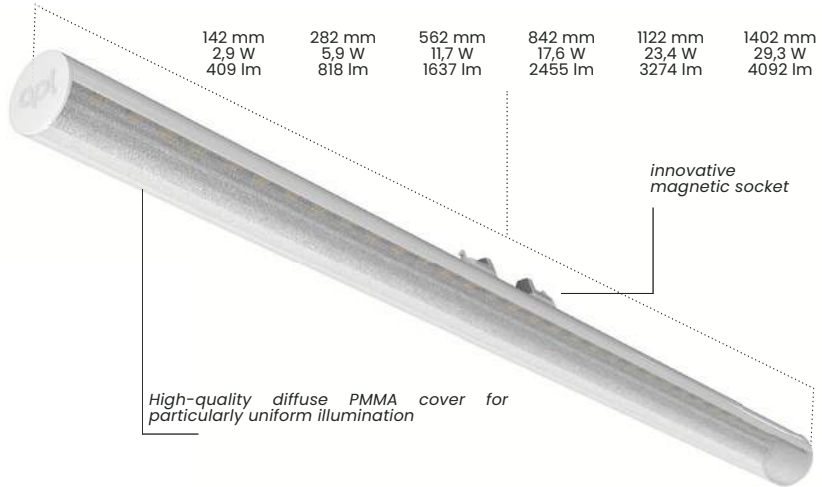
LTwo® – diffuse constant voltage 48V – 20 watt/m



Ø 16,4 mm



total height
21,6 mm



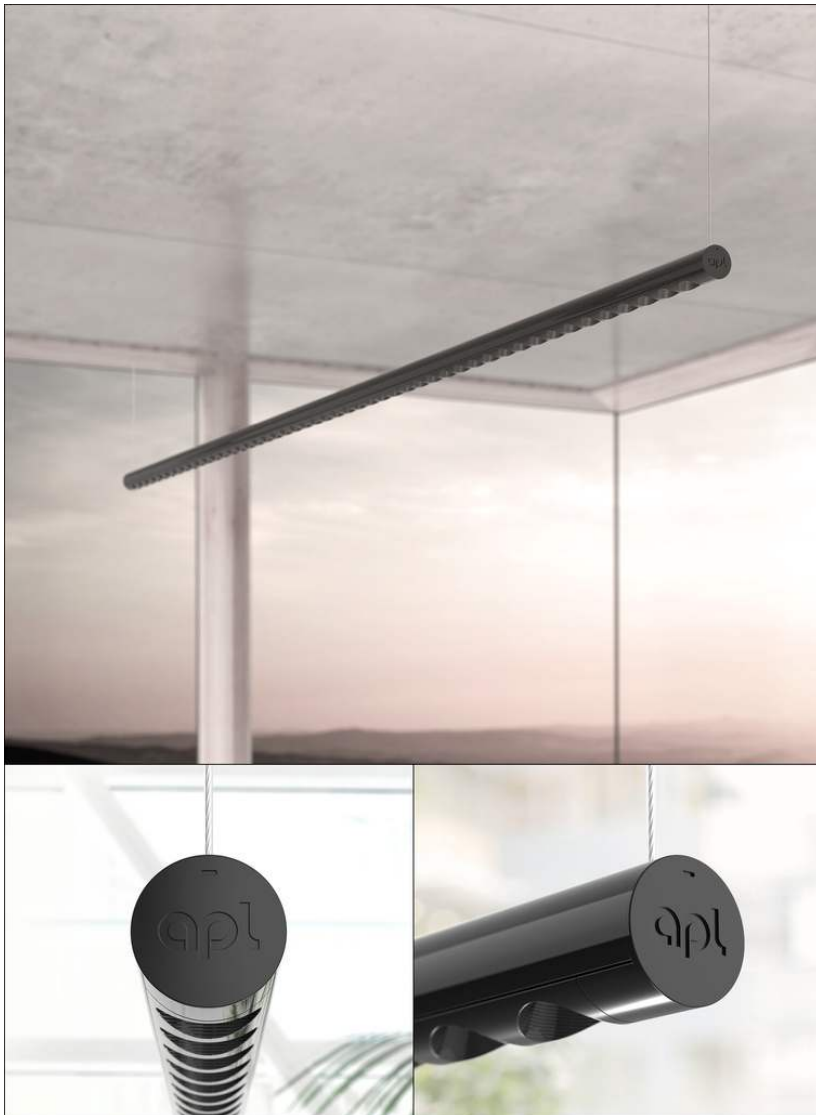
142 mm	282 mm	562 mm	842 mm	1122 mm	1402 mm
2,9 W	5,9 W	11,7 W	17,6 W	23,4 W	29,3 W
409 lm	818 lm	1637 lm	2455 lm	3274 lm	4092 lm

innovative
magnetic socket

High-quality diffuse PMMA cover for particularly uniform illumination



reddot winner 2023



product description

LTwo® - Light Tube with Optics. High-quality diffuse cover with max. 4,092 lumen, based on the modular, miniaturised LTtwo® light source/luminaire system with 13 high-quality precision optics and extensive accessories, for all lighting applications. Coded socket, for safe operation of lamp luminaires with different operating currents in Constant Voltage or Constant Current. Very environmentally friendly due to minimal use of material (180g/m), interchangeability, recyclability and high efficiency (up to 180 lm/W).

- LTtwo® diffuse - Constant Voltage 48V - 20W/m with 16.4 mm diameter.
- Available in black (RAL9005) and white (RAL9016)
- Lengths: 142 mm, 282 mm, 562 mm, 842 mm, 1122 mm, 1402 mm
- Watts: 2,9 W; 5,9 W; 11,7 W; 17,6 W; 23,4 W; 29,3 W
- Lumen @5000K: 409 lm, 818 lm, 1,637 lm, 2,455 lm, 3,274 lm, 4,092 lm
- Optical efficiency: 82 % (BB), 93 % (WW)
- UGR of 22.9 / 26.1 (BB), 23.7 / 26.1 (WW) @1,000lm
- Ideal for efficient ambient lighting with high uniformity
- Optimally suited for buildings and material integration of all kinds
- Dimmable (PWM)

Please note: Pendent version does not use magnetic connection system. wiring is fed through suspension cables -30% lumen output from standard data

Attention: all following optical and electronic data have a tolerance of +/- 10%.



legend on last page

product features

Dimensions

16,4 mm diameter

Length (mm)

142 mm, 282 mm, 562 mm, 842 mm, 1122 mm, 1402 mm
2,9W; 5,9W; 11,7W; 17,6W; 23,4W; 29,2W
409 lm, 818 lm, 1637 lm, 2455 lm, 3274 lm, 4092 lm

Qty. LED

32 per 280 mm

LED Pitch

8,75 mm

CCT / CRI

2700K, 3000K, 3500K, 4000K, 5000K (>90)

Binning

3 SDCM

Lifetime

60000h L80B10

Protection

class IP20 (indoor use only!)

Risk group

RG1

Operating Mode

Constant Voltage (CV)

Operating Voltage

48 V DC -2,0 / +1,75

Housing temperature (Tc)

min. -20° / max. +65°

Ambient temperature (Ta)

min. -20° / max. +45°

Storage temperature (Ts)

min. -20° / max. 85°

order code

Please enter code here:

Product	OP	NP	Optic	L	PC	C	LH	IP
APL LTwo®T5	CV	20	DF				MAG	IP20
APL LTwo®T5	CV	20	DF	140	927	BB	MAG	IP20
				280	930	WW		
				560	935			
				840	940			
				1120	950			
				1400				

example order code

APL LTwo®T5 CV 12 13 280 927 BB MAG IP20

OP operating system	CV Constant Voltage
NP nominal power per m	BB black profile – black antiglare
Optic optics	WW white profile – white antiglare
L length	
PC photometric code	
C housing colour	MAG magnetic luminaire holder
LH luminaire holder	
IP protection class	

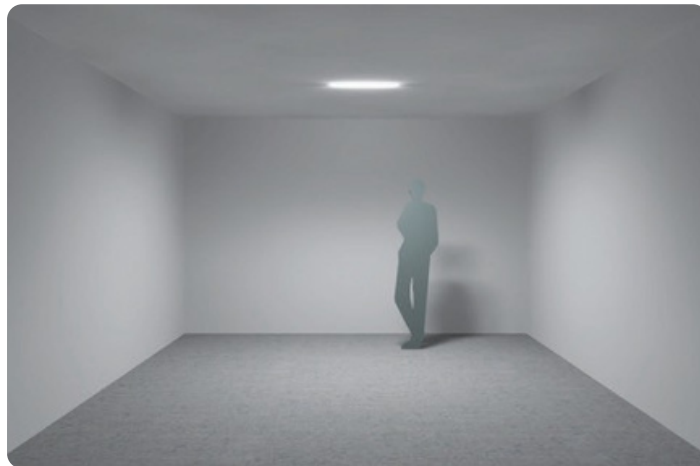
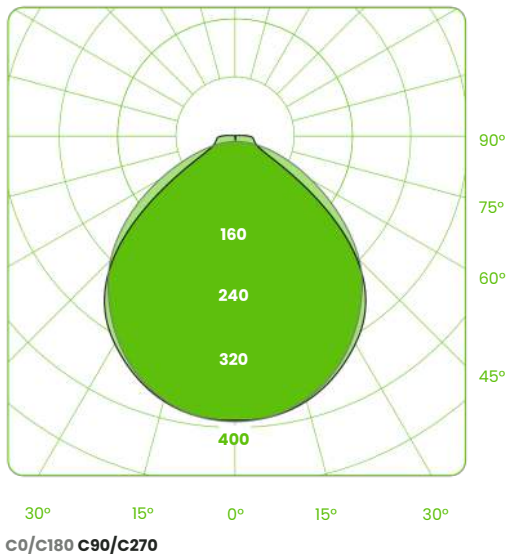
Photometric Code Example:
927 (9 = CRI >90 | 27 = 2700K)

LTwo® – diffuse constant voltage 48V – 20 W/m

White Black

CRI / CCT	Kelvin	140 mm 2,9 W	280 mm 5,9 W	560 mm 11,7 W	840 mm 17,6 W	1120 mm 23,4 W	1400 mm 29,3 W	Lumen/Watt
927	2700K	365	730	1460	2190	2920	3650	124,8
		322	644	1287	1931	2575	3219	110,0
930	3000K	378	756	1511	2267	3023	3778	129,2
		333	666	1333	1999	2665	3331	113,9
935	3500K	391	781	1562	2344	3125	3906	133,5
		344	689	1378	2066	2755	3444	117,7
940	4000K	403	807	1614	2420	3227	4034	137,9
		356	711	1423	2134	2845	3557	121,6
950	5000K	409	818	1637	2455	3274	4092	139,9
		361	722	1443	2165	2886	3608	123,4

light distribution



LTwo® black – diffuse, 560mm

Mounting Method to be discussed upon order.
 Custom solutions available.
 Contact sales@architecturalfx.co.uk for further information.