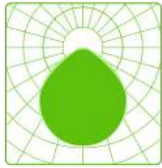


technical data sheet (Pendent Version)

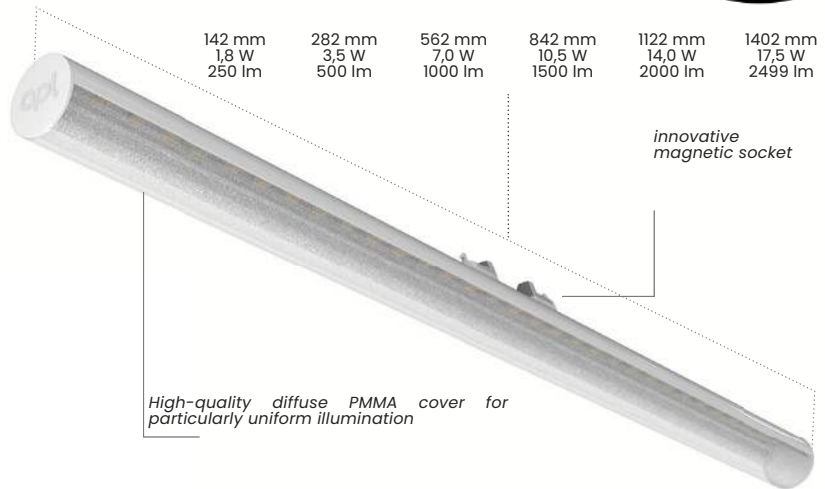
LTwo® – diffuse constant voltage 48V – 12 watt/m



Ø 16,4 mm



total height
21,6 mm



142 mm
1,8 W
250 lm

282 mm
3,5 W
500 lm

562 mm
7,0 W
1000 lm

842 mm
10,5 W
1500 lm

1122 mm
14,0 W
2000 lm

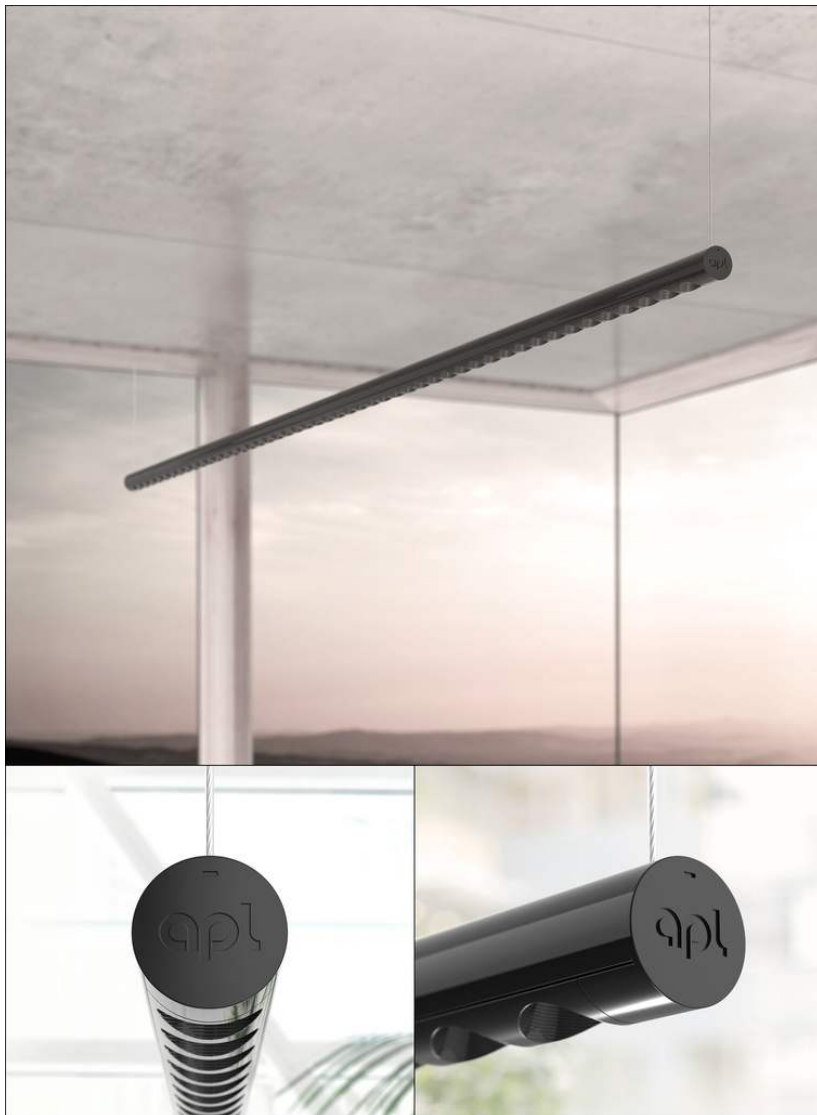
1402 mm
17,5 W
2499 lm

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 PMMA cover with max. 2,499 lumen, based on the modular, miniaturised LTwo® 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).

- LTwo® diffuse - Constant Voltage 48 V - 12W/m with 16.4 mm diameter
- Available in black (RAL9005) and white (RAL9016)
- Lengths: 142 mm, 282 mm, 562 mm, 842 mm, 1122mm, 1402 mm
- Watts: 1,8 W; 3,5 W; 7,0 W; 10,5 W; 14,0 W; 17,5 W
- Lumen @5000K: 250 lm, 500 lm, 1,000 lm, 1,500 lm, 2,000 lm, 2,499 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%.

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All Purpose Lighting
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info@apl.ag
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Architectural FX
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Wokingham, RG41 2QY

+44(0)1344291536
sales@architecturalfx.co.uk
www.architecturalfx.co.uk

apl the ideal
light



legend on the last page

product features

Dimensions

16,4 mm diameter

Length (mm)

142 mm, 282 mm, 562 mm, 842 mm, 1122 mm, 1402 mm
1,8W; 3,5W; 7,0W; 10,5W; 14,0W; 17,5W
250 lm, 500 lm, 1000 lm, 1500 lm, 2000 lm, 2499 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	12	DF				MAG	IP20
APL LTwo®T5	CV	12	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	

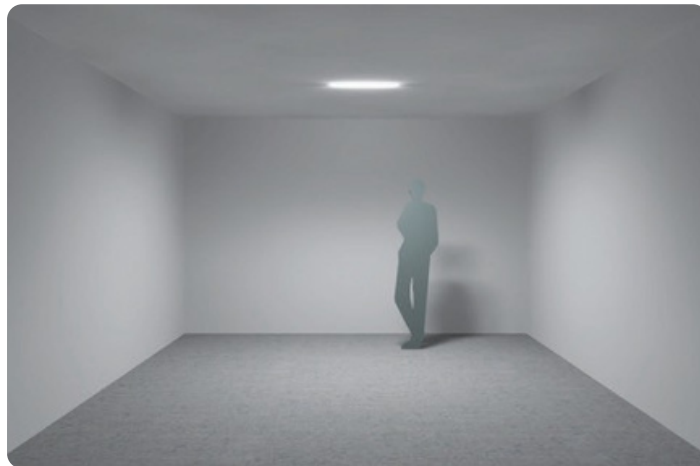
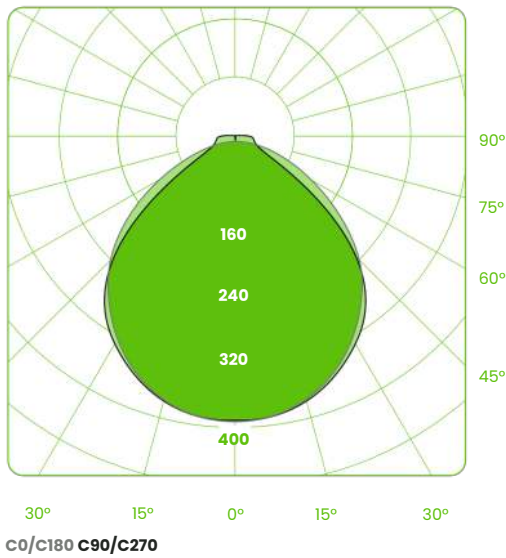
Photometric Code Example:
927 (9 = CRI >90 | 27 = 2700K)

LTwo® – diffuse constant voltage 48V – 12 W/m

White Black

CRI / CCT	Kelvin	140 mm 1,8 W	280 mm 3,5 W	560 mm 7,0 W	840 mm 10,5 W	1120 mm 14,0 W	1400 mm 17,5 W	Lumen/Watt
927	2700K	222	444	888	1332	1776	2220	126,9
		196	392	783	1175	1566	1958	111,9
930	3000K	230	460	921	1381	1841	2302	131,5
		203	406	812	1218	1624	2030	116,0
935	3500K	238	477	953	1430	1907	2383	136,2
		210	420	841	1261	1681	2101	120,1
940	4000K	245	491	981	1472	1962	2453	140,2
		216	433	865	1298	1730	2163	123,6
950	5000K	250	500	1000	1500	2000	2499	142,8
		220	441	882	1322	1763	2204	125,9

light distribution



LTwo® black – diffuse, 560mm

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