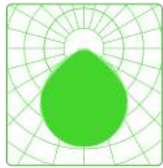


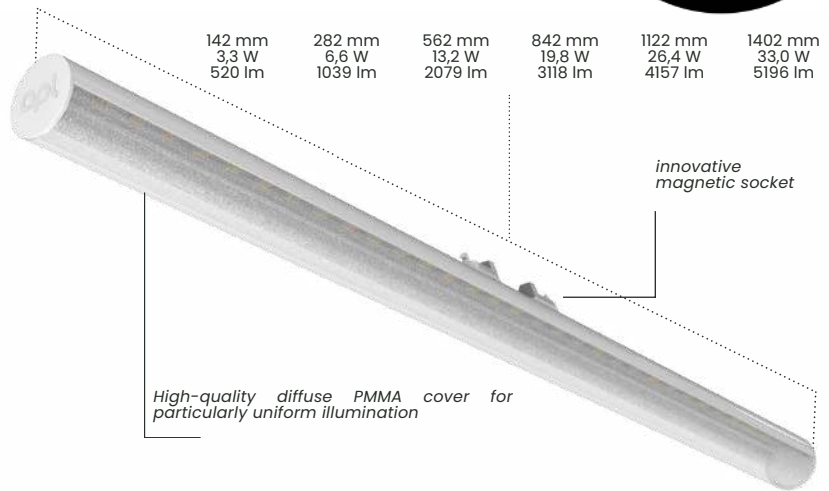
LTwo® diffuse constant current @600mA - 25 Watt/m



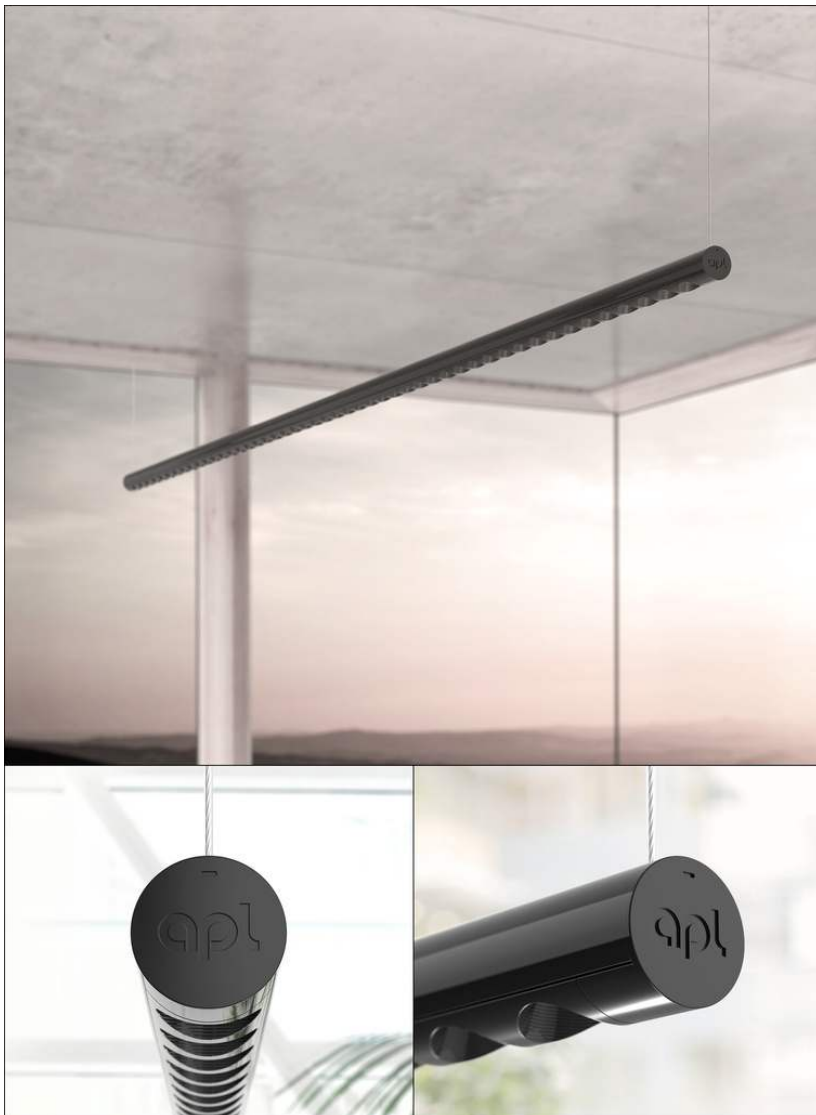
Ø 16,4 mm



total height
21,6 mm



reddot winner 2023



product description

LTwo® - Light Tube with Optics. High-quality diffuse PMMA cover with max. 5,196 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 Current @600mA - 25 W/m with 16.4 mm diameter
- Available in black (RAL9005) and white (RAL9016)
- Lengths: 142 mm, 282 mm, 562 mm, 842 mm, 1122 mm and 1402 mm
- Watts: 3.3 W; 6.6 W; 13.2 W; 19.8 W; 26.4 W; 33.0 W
- Lumen @5000K: 520 lm, 1,039 lm, 2,079 lm, 3,118 lm, 4,157 lm, 5,196 lm
- Optical efficiency: 82 % (BB), 93 % (WW)
- UGR of 23.0 / 26.2 (BB), 22.8 / 26.0 (WW) @1,000 lm
- Ideal for efficient ambient lighting with high uniformity
- Optimally suited for buildings and material integration of all kinds
- Dimmable (linear)

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 the last page

product features

Dimensions

16,4 mm diameter

Length (mm)

142 mm, 282 mm, 562 mm, 842 mm, 1122 mm, 1402 mm
 3,3W; 6,6W; 13,2W; 19,8W; 26,4W; 33,0W
 520 lm, 1039 lm, 2079 lm, 3118 lm, 4157 lm, 5196 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 Current (CC)

Operating Voltage

$\leq 600\text{mA}$

Housing temperature (Tc)

min. -20° / max. +70°

Ambient temperature (Ta)

min. -20° / max. +35°

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	CC	25	DF				MAG	IP20
APL LTwo®T5	CC	25	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
- NP** nominal power per m
- Optic** optics
- L** length
- PC** photometric code
- C** housing colour
- LH** luminaire holder
- IP** protection class
- CV** Constant Voltage
- BB** black profile – black antiglare
- WW** white profile – white antiglare
- MAG** magnetic luminaire holder

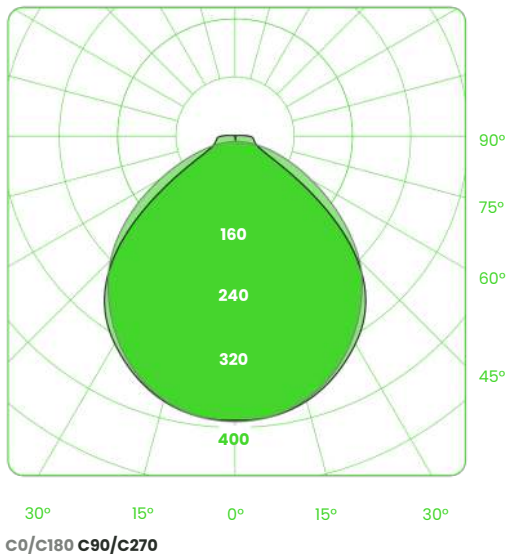
Photometric Code Example:
 927 (9 = CRI >90 | 27 = 2700K)

LTwo® - diffuse - constant current @600mA - 25 W/m

White Black

CRI / CCT	Kelvin	140 mm 3,3 W	280 mm 6,6 W	560 mm 13,2 W	840 mm 19,8 W	1120 mm 26,4 W	1400 mm 33,0 W	Effizienz lm/W
927	2700K	463	925	1851	2776	3701	4627	140,2
		408	816	1632	2448	3264	4080	123,6
930	3000K	478	956	1911	2867	3822	4778	144,8
		421	843	1685	2528	3370	4213	127,7
935	3500K	495	990	1981	2971	3962	4952	150,1
		432	873	1747	2620	3493	4367	132,3
940	4000K	512	1023	2046	3069	4092	5115	155,0
		451	902	1804	2706	3608	4510	136,7
950	5000K	520	1039	2079	3118	4157	5196	157,5
		458	916	1833	2749	3665	4582	138,8
Typ. Vf (V) - 600 mA		5,82	11,29	22,22	33,28	44,22	43,82	

light distribution



LTwo® black - diffuse, 560mm

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