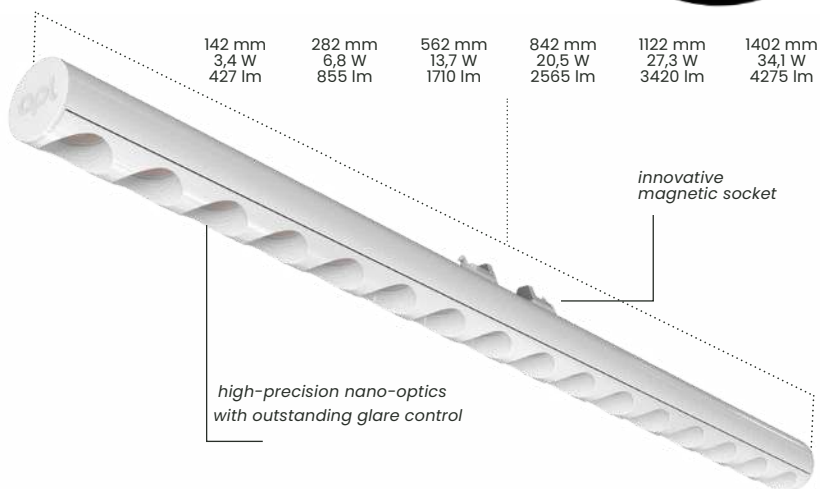


Ø 16,4 mm



total height  
21,6 mm



reddot winner 2023



## product description

LTwo® - Light Tube with Optics. High-precision 40° optics with max. 4,275 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® 40° - flood - 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: 3.4 W; 6.8 W; 13.7 W; 20.5 W; 27.3 W; 34.1 W
- Lumen @5000K: 427 lm, 855 lm, 1,710 lm, 2,565 lm, 3,420 lm, 4,275 lm
- Optical efficiency: 75 % (BB), 83 % (WW)
- UGR of 11.1 / 11.1 (BB), 15.2 / 15.8 (WW) @1,000 lm
- Ideal for accent lighting and highlighting individual objects
- 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  
3,4W; 6,8W; 13,7W; 20,5W; 27,3W; 34,1W  
427 lm, 855 lm, 1710 lm, 2565 lm, 3420 lm, 4275 lm

### Qty. LED

16 per 280 mm

### LED Pitch

17,5 mm

### CCT / CRI

2700K, 3000K, 3500K, 4000K (>90), 5000K (>80)

### Binning

3 SDCM

### Lifetime

60000h L80B10

### Protection

class IP20 (indoor use only!)

### Risk group

RG1

### Operating Mode

Constant Current (CC)

### Operating Voltage

</=600mA

### 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 | 40    |      |     |    | MAG | IP20 |
| APL LTwo®T5 | CC | 25 | 40    | 140  | 927 | BB | MAG | IP20 |
|             |    |    |       | 280  | 930 | WW |     |      |
|             |    |    |       | 560  | 935 |    |     |      |
|             |    |    |       | 840  | 940 |    |     |      |
|             |    |    |       | 1120 | 850 |    |     |      |
|             |    |    |       | 1400 |     |    |     |      |

### example order code

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

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

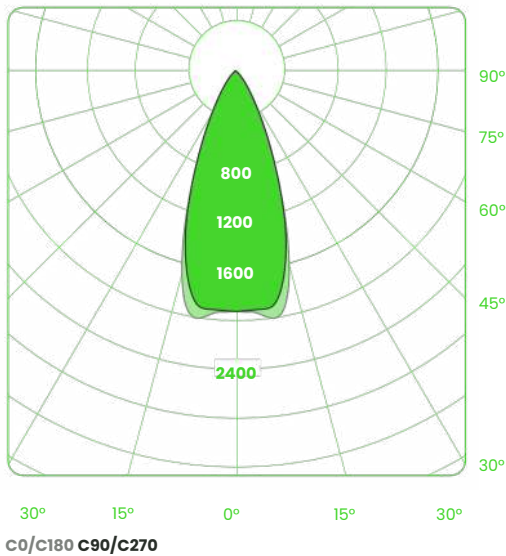
Photometric Code Example:  
927 (9 = CRI >90 | 27 = 2700K)

# LTwo® – 40° – flood constant current - @600mA - 25 W/m

White Black

| CRI/CCT              | Kelvin | 140 mm<br>3,4 W | 280 mm<br>6,8 W | 560 mm<br>13,7 W | 840 mm<br>20,5 W | 1120 mm<br>27,3 W | 1400 mm<br>34,1 W | Effizienz lm/W |
|----------------------|--------|-----------------|-----------------|------------------|------------------|-------------------|-------------------|----------------|
| 927                  | 2700K  | 331             | 662             | 1324             | 1986             | 2648              | 3310              | <b>97,0</b>    |
|                      |        | 299             | 598             | 1196             | 1794             | 2393              | 2991              | <b>87,6</b>    |
| 930                  | 3000K  | 356             | 712             | 1423             | 2135             | 2847              | 3559              | <b>104,3</b>   |
|                      |        | 322             | 643             | 1286             | 1929             | 2573              | 3216              | <b>94,2</b>    |
| 935                  | 3500K  | 340             | 681             | 1361             | 2042             | 2722              | 3403              | <b>99,7</b>    |
|                      |        | 308             | 615             | 1230             | 1845             | 2460              | 3075              | <b>90,1</b>    |
| 940                  | 4000K  | 356             | 712             | 1423             | 2135             | 2847              | 3559              | <b>104,3</b>   |
|                      |        | 322             | 643             | 1286             | 1929             | 2573              | 3216              | <b>94,2</b>    |
| 850                  | 5000K  | 427             | 855             | 1710             | 2565             | 3420              | 4275              | <b>125,3</b>   |
|                      |        | 386             | 773             | 1545             | 2318             | 3090              | 3863              | <b>113,2</b>   |
| Typ. Vf (V) – 600 mA |        | <b>6,22</b>     | <b>11,99</b>    | <b>23,54</b>     | <b>35,21</b>     | <b>46,78</b>      | <b>46,30</b>      |                |

## light distribution



LTwo® schwarz / black – 40°, 560mm

Mounting Method to be discussed upon order.  
 Custom solutions available.  
 Contact [sales@architecturalfx.co.uk](mailto:sales@architecturalfx.co.uk) for further information.