

# T8 Pro

## Product data sheet

### Technical data

Nominal / rated operating voltage	230 V AC
Operating frequency	50 Hz
Power	11 - 30 W
Lamp shape	T8
Socket	G13
Switching cycles	100.000
Nominal / rated lifetime	L70 B10 50.000 h @ 25°C
Lumen maintenance at the end of lifetime	70%
Lamp warm up time to 60% luminous flux	< 0,5 s
Lamp start time	< 0,5 s
Power factor	0,95
Colour rendering index	80
Colour consistency	3 SDCM
Ambient temperature	-20°C to +40°C
Control	No
Material	Polycarbonate / Aluminium

IP20



CE



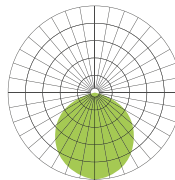
### Types



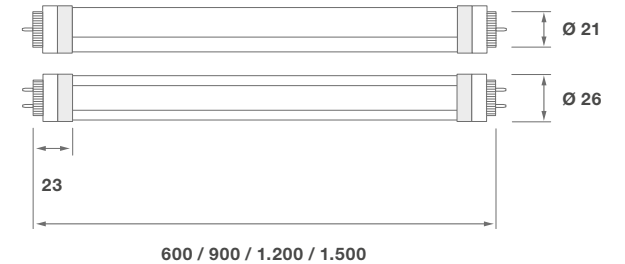
White



120°



### Dimensions



Dimensions in mm

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### Standard

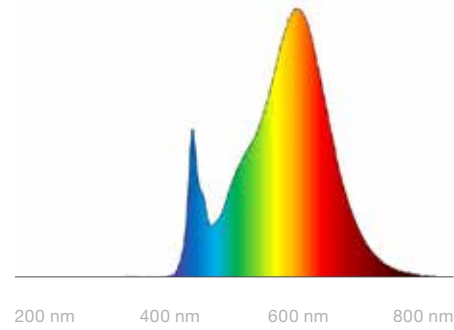
Article number	Nominal/ rated power	Length	Colour temperature	Light colour	Nominal / rated luminous flux	Optics	Nominal / rated beam angle	Weighted energy consumption	Energy efficiency class	Weight
7002004	24 W / 24,0 W	1500 mm	6000 K	Cool white	3072 lm	Clear	120°	24 kWh / 1000 h	A++	0,32 kg
7002049	30 W / 30,0 W	1500 mm	6000 K	Cool white	3840 lm	Clear	120°	30 kWh / 1000 h	A++	0,37 kg
7002008	24 W / 24,0 W	1500 mm	4000 K	Neutral white	3120 lm	Clear	120°	24 kWh / 1000 h	A++	0,32 kg
7002050	30 W / 30,0 W	1500 mm	4000 K	Neutral white	4010 lm	Clear	120°	30 kWh / 1000 h	A++	0,37 kg
7002013	11 W / 11,0 W	600 mm	6000 K	Cool white	1353 lm	Opal	120°	11 kWh / 1000 h	A++	0,15 kg
7002014	17 W / 17,0 W	900 mm	6000 K	Cool white	2091 lm	Opal	120°	17 kWh / 1000 h	A++	0,21 kg
7002015	20 W / 20,0 W	1200 mm	6000 K	Cool white	2460 lm	Opal	120°	20 kWh / 1000 h	A++	0,26 kg
7002016	24 W / 24,0 W	1500 mm	6000 K	Cool white	2952 lm	Opal	120°	24 kWh / 1000 h	A++	0,31 kg
7002052	30 W / 30,0 W	1500 mm	6000 K	Cool white	3700 lm	Opal	120°	30 kWh / 1000 h	A++	0,32 kg
7002017	11 W / 11,0 W	600 mm	4000 K	Neutral white	1375 lm	Opal	120°	11 kWh / 1000 h	A++	0,15 kg
7002018	17 W / 17,0 W	900 mm	4000 K	Neutral white	2125 lm	Opal	120°	17 kWh / 1000 h	A++	0,21 kg
7002019	20 W / 20,0 W	1200 mm	4000 K	Neutral white	2500 lm	Opal	120°	20 kWh / 1000 h	A++	0,26 kg
7002020	24 W / 24,0 W	1500 mm	4000 K	Neutral white	3000 lm	Opal	120°	24 kWh / 1000 h	A++	0,31 kg
7002053	30 W / 30,0 W	1500 mm	4000 K	Neutral white	3840 lm	Opal	120°	30 kWh / 1000 h	A++	0,32 kg
7002021	11 W / 11,0 W	600 mm	3000 K	warmweiß	1265 lm	Opal	120°	11 kWh / 1000 h	A++	0,15 kg
7002022	17 W / 17,0 W	900 mm	3000 K	warmweiß	1955 lm	Opal	120°	17 kWh / 1000 h	A++	0,21 kg
7002023	20 W / 20,0 W	1200 mm	3000 K	warmweiß	2300 lm	Opal	120°	20 kWh / 1000 h	A++	0,26 kg
7002024	24 W / 24,0 W	1500 mm	3000 K	warmweiß	2760 lm	Opal	120°	24 kWh / 1000 h	A++	0,37 kg

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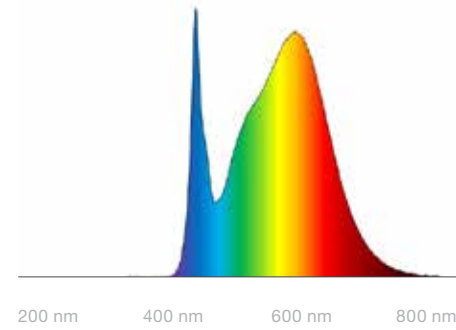
## Product data sheet

### Spectral radiation distribution

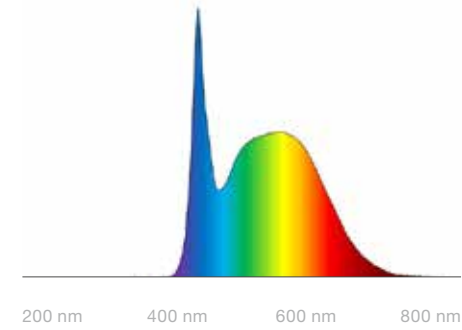
Colour temperature 3.000 K



Colour temperature 4.000 K



Colour temperature 6.000 K



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### Important notes

All technical parameters apply to the entire product. Due to the complex manufacturing process of light-emitting diodes, the indicated typical LED parameters are purely statistical variables and may vary.

<b>Mercury content</b>	0,0 mg
<b>Mercury-free</b>	yes
<b>Professional disposal according to WEEE</b>	yes

### Notes to the life time

Decisive factors for the life time are the ambient temperature and the operating temperature ( $T_c$ ). Exceeding the permissible limits results in a substantial reduction of the life time and can even lead to the destruction of the products. The specified life time represents a statistical quantity.

### Notes to electrical and photometric data

Colour coordinates according to CIE 1931

Rated ambient temperature:  $t_a = 25^\circ$

Measuring tolerance colour coordinates (x/y) +/- 0,005

Tolerance range of electrical / photometric data: +/- 10%

### Disclaimer

Changes and errors excepted. Due to the continuous development of all products, technical and design changes can occur at any time. Make sure that you always use the latest version of the data sheet.

**Further product data as well as current information can be found at [www.ledxon.com](http://www.ledxon.com)**