

LED T8 Value Glass

Tubular lamps

DATA SHEET



Product information

The LED T8 VG Glass range offers safe, reliable and affordable energy saving alternatives to standard Fluorescent T8 lamps. Available in 60cm and 120cm lengths, LED T8s can be quickly fitted as a replacement into luminaires operating on electro-magnetic control gear or 100-240VAC connection with a simple re-wire (for further details see installation guide).

Features

- 50 000 hours L70 rated lifetime, reduced maintenance cost
- High energy saving, efficiency up to 175 lm/W
- Switching cycle: 15 000
- Instant-on light
- High Power Factor: 0,9
- Wide 180° light distribution
- Compatible with existing installations

Benefits

- High uniformity of light, create elegant lighting atmosphere for retail & commercial applications
- Especially suitable for supermarket, high color rendering of fresh food to engage customers
- Energy saving up to 60% (AC-connected LED vs LFL on EM ballast)
- Environment friendly – no UV and no Mercury content

IEC Standards

IEC 62471 Photobiological safety of lamps and lamp systems
IEC 60061-1 Lamp Caps
IEC 62776 Double-capped LED lamps for general lighting services - Safety specifications
Electrical, Photometric and Lumen Maintenance test conducted as defined by IES LM-79-08 and IES LM-80-08 Test

Application areas



Hospitality



Industrial



Car park



Office

Specification summary

Nominal/ Rated Power (W)	Length (mm)	CCT (K)	Cap/ Base	Product Description	Nominal/ Rated Lumens (lm)	Nominal/ Rated Life (L70/B50 hours)	CRI	Pack Qty	EEC	Product Code	Brand
6	600	4000	G13	LED T8 VG 0.6m 6W 840 110-240V TU SA	1050	50 000	80	15	A+	93118870	Tungsrām
6	600	6500	G13	LED T8 VG 0.6m 6W 865 110-240V TU SA	1050	50 000	80	15	A+	93118871	Tungsrām
7	600	4000	G13	LED T8 VG 0.6m 7W 840 110-240V TU SA	1050	50 000	80	15	A+	93118872	Tungsrām
7	600	6500	G13	LED T8 VG 0.6m 7W 865 110-240V TU SA	1050	50 000	80	15	A+	93118873	Tungsrām
11	1200	4000	G13	LED T8 VG 1.2m 11W 840 110-240V TU SA	1800	50 000	80	15	A+	93118874	Tungsrām
11	1200	6500	G13	LED T8 VG 1.2m 11W 865 110-240V TU SA	1800	50 000	80	15	A+	93118875	Tungsrām
14	1200	4000	G13	LED T8 VG 1.2m 14W 840 110-240V TU SA	2100	50 000	80	15	A+	93118918	Tungsrām
14	1200	6500	G13	LED T8 VG 1.2m 14W 865 110-240V TU SA	2100	50 000	80	15	A+	93118919	Tungsrām

Specifications

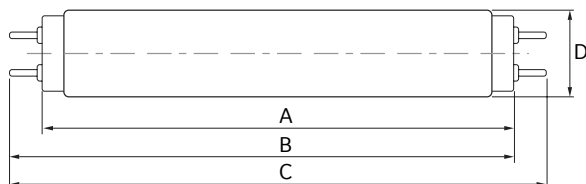
Nominal Voltage	100-240V
Operating frequency	50/60Hz
Power factor	≥ 0,90
Operating temperature range	-20°C ...+45°C
Starting time	< 0,5 s
Lumen maintenance at B50	70%
Beam angle	180°
Number of switching cycle	15 000
Dimmable	No

Operation and maintenance

Store and use the lamps the same way as standard fluorescent lamps.

- Lamps should be kept free from contamination.
- Switch off mains supply before installing/removing lamp.
- Good condition of the lamp-holder contacts is important to ensure proper operation of lamp.
- For magnetic gear system ensure existing fluorescent starter is replaced with LED T8 starter (included in each pack).
- For direct wire please check the provided installation instructions.
- Use in fully enclosed fixtures may affect life performance.
- Not for use in emergency lighting circuits.

Dimensions (mm)



Maximum overall length (mm)	2ft	4ft
A	589,8	1199,4
B	595,9	1206,5
C	604,0	1213,6
D	28	28
Net weight (g)	130	240