



Long Life Reliability
does not cost the earth

Lighting Systems



**Maintenance free
15 years
service life**

**50% power
saving**

**In use around
the world**

T5 & T8 Rail Compliant LED tubes

Specifically designed for retrofit in rail applications

www.lpa-group.com enquiries@lpa-light.com +44 (0)1924 224100

- Drop in replacement LED tubes for T5 & T8 lamps
- High reliability LED and driver
- Built in drive electronics
- Perfectly diffused light
- Flicker free and instant start
- Adjustable end caps to allow fitment in any orientation
- Available in 24VDC, 36VDC, 72VDC, 110VDC and 230VAC
- Fully compliant with EN 45545, EN 61373, EN 50121-3-2
- Fully type tested and certified



SPECIFICATIONS – ALL VARIANTS

OPERATING TEMPERATURE RANGE	-25 TO +70°C
LUMEN MAINTENANCE TO L70	100,000 HRS
DESIGNED SERVICE LIFE	15 YEARS
MTBF OF DRIVER	110,000 HRS
SWITCH CYCLES	≥100,000 (IUC 555)
CRI (COLOUR RENDERING INDEX)	≥83
COLOUR TEMPERATURES AVAILABLE	3000K ±5% 4000K ±5% 6000K ±5%
CONNECTOR	2X G13 OR 2X G5 END CAPS. COMPLIANT WITH EN 60081
IP RATING	IP40

	T5 LED TUBE *		T8 LED TUBE *	
LENGTH	849MM	1449MM	600MM	1200MM
INPUT POWER*	14W	24W	10W	20W
OUTPUT (LUMENS)*	1540lm	2640lm	1089lm	2176lm
WEIGHT (GRAMS)*	227g	354g	203g	343g

* EXAMPLES ONLY, ALL STANDARD LAMP LENGTHS AVAILABLE.

SAFETY FEATURES:

- DC input voltage reversal (non destructive)
- Input transient protection
- Under voltage protection
- Built in multiple LED circuit redundancy
- Protected against power supply interruptions (EN 50155 Class S2 and C2)
- No mercury content, environmentally friendly

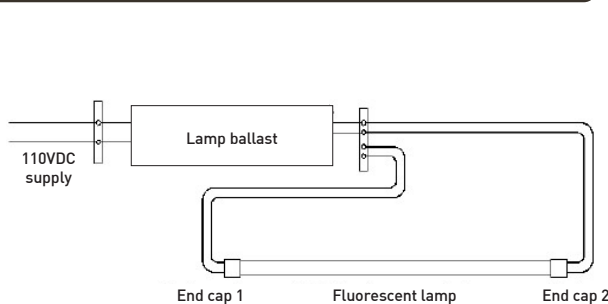


T5/T8 LED tubes

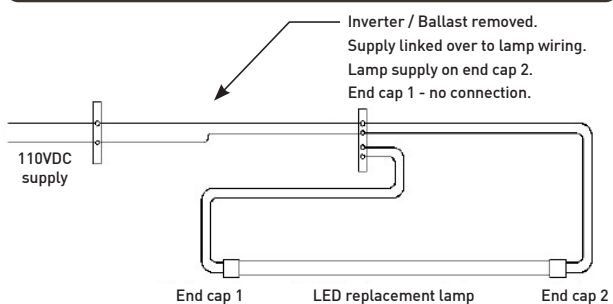


PL-S, PL-L, BA15D and 2D Rail compliant LED Lamps also available

ORIGINAL LAMP CONNECTION



LED REPLACEMENT LAMP INSTALLATION GUIDE



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