



Long Life Reliability  
does not cost the earth

## Lighting Systems



**Maintenance free  
10 years  
service life**

**50% power  
saving**

**In use around  
the world**

# T8 & T5 Rail Compliant LED tubes

Specifically designed for retrofit in rail applications

[www.lpa-group.com](http://www.lpa-group.com) [enquiries@lpa-light.com](mailto:enquiries@lpa-light.com) +44 (0)1924 224100



- Drop in replacement LED tubes for T8 & T5 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, EN61373, EN50121-3-2
- Fully type tested and certified



**SPECIFICATIONS – ALL VARIANTS**

OPERATING TEMPERATURE RANGE	-25 TO +70°C
LUMEN MAINTENANCE TO L70	65,000HRS
DESIGNED SERVICE LIFE	15 YEARS
MTBF OF DRIVER	110,000HRS
SWITCH CYCLES	≥100,000 (IUC555)
CRI (COLOUR RENDERING INDEX)	≥80
COLOUR TEMPERATURES AVAILABLE	3000K ±5%    4000K ±5%    6000K ±5%
CONNECTOR	2 X G13 OR 2 X G5 END CAPS. COMPLIANT WITH EN60081
IP RATING	IP40

	T8 LED TUBE *		T5 LED TUBE	
LENGTH	600MM	1200MM	863MM	1463MM
INPUT POWER*	10W	20W	14W	24W
OUTPUT (LUMENS)*	1089lm	2176lm	1540lm	2640lm
WEIGHT (GRAMS)*	258g	516g	136g	220g

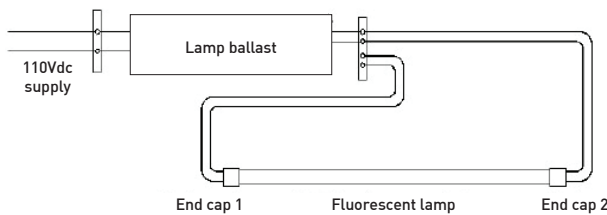
\* T8 900MM, 1500MM & 1800MM SPECIFICATIONS ARE AVAILABLE ON OUR DATA SHEET. OTHER VARIANTS AVAILABLE ON REQUEST.

**SAFETY FEATURES:**

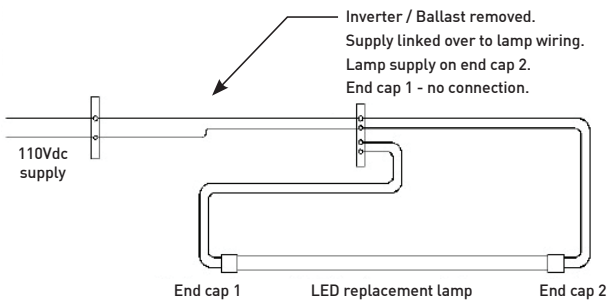
- DC input voltage reversal (non destructive)
- Input transient protection
- Under voltage protection
- Built in multiple LED circuit redundancy
- Protected against power supply interruptions (EN50155 Class S2 and C2)
- No mercury content, environmentally friendly



**ORIGINAL LAMP CONNECTION**



**LED REPLACEMENT LAMP INSTALLATION GUIDE**



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