

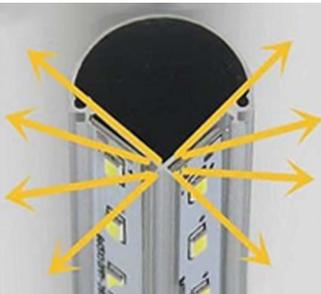


LED Smart Tube Replacement



PowerRail, Inc., in a joint venture with LED Smart, is pleased to offer a line of T8 LED Tubes. This light is the direct replacement for both T8 and T12 fluorescent lighting, providing an instant clip-in solution that gives operators ultra-long life and exceptional energy efficiency.

The T8 LED Tubes are perfect for refurbishment projects where energy consumption and long-life reliability are important. This LED tube provides optimum light distribution for interior spaces and helps create a more desirable lighting environment. It provides a 50,000-hour life cycle to reduce maintenance costs and with 22W energy consumption per 4-foot length, it also helps to reduce your carbon footprint significantly.



This LED Tube is available in three different color temperatures - warm, neutral or cool white. In addition, the V-shape LED board mount and rotatable end-cap help to provide homogeneous light distribution.

The T8 LED tube operates in temperatures from -20° to $+50^{\circ}\text{C}$, and has a Power Factor >0.90 , $\text{Ra} >80$ and $\text{THD} <20\%$. There is a voltage operating range between the specified voltages, and the tube has a minimum Ingress Protection of IP40.

Technical Details

PowerRail Part #	Operating Voltage	Power	Length	lpw	
				Clear	Frost
SLS-T8V-G60-24V-10W-__-__	24V DC	10W	588mm	120 lpw	110 lpw
SLS-T8V-G120-24V-22W-__-__	24V DC	22W	1,198mm	120 lpw	110 lpw
SLS-T8V-G150-24V-28W-__-__	24V DC	28W	1,498mm	120 lpw	110 lpw
SLS-T8V-G60-240V-10W-__-__	240V AC	10W	588mm	120 lpw	110 lpw
SLS-T8V-G120-240V-22W-__-__	240V AC	22W	1,198mm	120 lpw	110 lpw
SLS-T8V-G120-240V-28W-__-__	240V AC	28W	1,498mm	120 lpw	110 lpw

*When Ordering Specify:

- Lens (F – for Frost or C – for Clear)
 - Color Temperature (3K = 3000K, 5K = 5000K)
 - Voltage desired – Available in 36V DC, 75V DC, 110V DC and 277V AC
- Example: Lumens output 22W with 5000K and Frost Lens = 2,420 lumens.
Standard G13 rotatable base or FA8 and R17D type base are included.

Product complies with the following standards

- EN50121-3-2: 2015 Railway applications – EMC – Rolling stock – Apparatus
- EN50155: 2007, Railway applications – Electronic equipment used on rolling stock
- RIA12 – General specification for the protection of traction and rolling stock electronic Equipment for transients surges in DC control system
- RIA13 – General specification for electronic equipment used on traction and rolling stock
- EN61373 – Requirements for vibration and shock testing of equipment for railway vehicle

*LED Smart reserves the right to change specification without notice.



$>220^{\circ}$ Angle

