

## LED RAIL LIGHTING

RLR-GU SERIES - 37.5VDC



### OPTIONAL FEATURES

- Other lengths upon special request
- Colors: Warm White, Neutral White (other colors upon request)
- Operational voltages for special applications

### NOTES & PATENT INFORMATION

US Patent #7,307,391 8,115,411 8,791,650  
9,179,513  
Canada Patent #2,651,224 2,555,065 2,831,641  
International Patents Pending  
For complete and up to date patent information see  
our website

### DESCRIPTION

These RLO Series lamps are designed for use in the low profile train lighting fixtures. These lamps tolerate voltage spreads characteristic of light rail train car systems without fluctuating in light intensity.

The LED Lighting tube can be used in new or to retrofit fluorescent installations.

The Premium lighting systems offers customers the best in LED technology.

The patented RLO light tubes use the latest high power premium LEDs while providing a more superior, reliable and efficient light source than conventional fluorescent systems.

### FEATURES

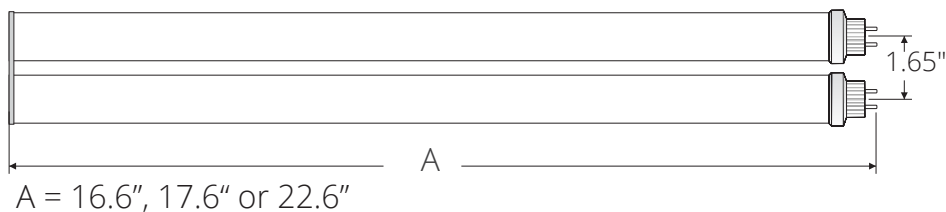
- Solid state lighting device, works well in harsh environments of hot or cold temperatures
- Instant on, no warm up time
- Lasts at least 5 times longer than fluorescent
- Low EMI emissions, to eliminate radio interference
- Design to replace conventional fluorescent lamps
- Low EMI emissions, to reduce radio interference
- Lead Free Compliant, Mercury Free
- Vibration proof features

### STANDARD FEATURES

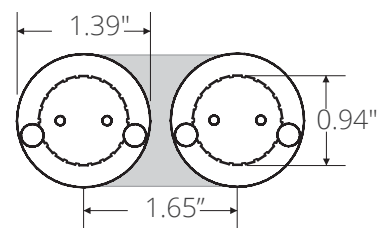
- 16.5", 18" and 22" U-Shaped Lamps
- Cool White LEDs
- 28V or 37.5V Operating Voltage
- Milk White Lens or Clear Lens
- Bi-Pin (G13), Instant start connection type
- T10 Fluorescent replacement (fits T8 size)

## DIMENSIONS

U-SHAPED TOP VIEW



END VIEW



## ELECTRICAL STATS & OPERATING FUNCTIONS

Type	Nominal Length (inch)	Lens Type	PART # CODE	Input Voltage (DC Volts)			Input Current (Amp)	Luminous Intensity (Lumens)				Power Consumption (Watts)
				MIN	TYP	MAX		5000K	4500K	4100K	3500K	
RLR	16.5"	CLEAR	0-B	23	37.5	42.5	665	1890	1474	1316	1723	14
		MILK WHITE					665	1557	1333	1316	1283	14
	18"	CLEAR		23	37.5	42.5	665	2430	1895	1692	2215	18
		MILK WHITE					665	2001	1713	1692	1649	18
	22"	CLEAR		23	37.5	42.5	665	2971	2812	2777	2707	22
		MILK WHITE					665	2212	2094	2068	2016	22

## ORDERING INFORMATION

SERIES	PIN TYPE	STYLE	LENGTH	VOLTAGE	TYPE	WATTAGE	COLOR	LENS TYPE	INTENSITY
RLR	G	U	XX	37	0-B	XX	X	X	X
	G = G13		16 = 16.5" 18 = 17.6" 22 = 22.5"	37.5VDC		SEE CHART ABOVE	<div> <div></div> 50 = Cool White (5000K)  45 = Daylite White (4500K)  41 = Mid-Neutral White (4100K)  35 = Neutral White (3500K) </div>	C = Clear, Ribbed M = Milk White	S = Single Intensity