

LED RAIL LIGHTING

RLP SERIES - 110VDC



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

OPTIONAL FEATURES

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

DESCRIPTION

These RLP 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 system offers customers the best in LED technology.

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

FEATURES

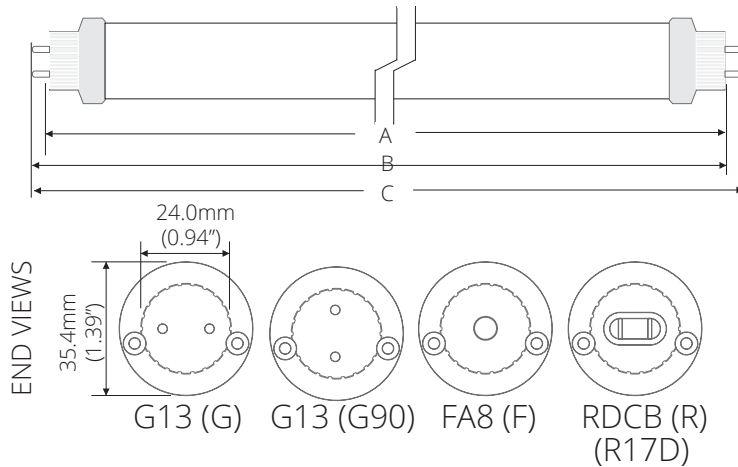
- Solid state lighting device, works well in harsh enviroments of hot or cold temperatures
- Instant on, no warm up time
- Lasts at least 5 times longer than fluorescent
- Low EMI emissions, to elminate radio interference
- Design to replace conventional fluorescent lamps
- Vibration proof features
-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

STANDARD FEATURES

- 24", 36", 48" and 60" lengths
- Cool White LEDs
- 110V Operating Voltage
- Milk White or Clear lens
- Bi-Pin (G13), Instant start connection type
- T10 Fluorescent replacement (fits T8 size)

DIMENSIONS

T10 DIAMETER (Shown with G13, see chart for FA8 or RDCB)



		A		B				C			
Length		Inch	mm	Inch		mm		Inch		mm	
		MAX		MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
G13	24	23.22	589.8	23.67	23.78	601.2	604.0	23.40	23.50	594.4	596.9
	36	35.22	894.6	35.67	35.78	906.0	908.50	35.40	35.50	899.2	901.7
	48	47.22	1199.4	47.67	47.78	1210.3	1213.60	47.40	47.50	1204.0	1206.5
	60	59.05	1499.9	59.50	59.61	1511.3	1514.10	59.24	59.33	1504.7	1507.0
FA8/RDCB	24	21.13	538.0						21.825		554.4
	36	33.18	842.8						33.825		859.2
	48	45.18	1147.6						45.825		1164.0
	60	57.18	1452.4						57.825		1463.8
	72	69.18	1757.2						69.825		1773.8

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)	CRI
						COOL	WARM WHITE			
						TYP	TYP#	5000K		
RLP	12	MILK WHITE	0-G	110	0.05	461	443	431	5	85
	24				0.08	830	798	776	9	
	36				0.14	1383	1330	1294	15	
	48				0.16	1660	1596	1553	17	
	60				0.21	2121	2039	1984	23	
	72				0.25	2490	2394	2329	27	
	96				0.33	3320	3192	3106	36	

ORDERING INFORMATION

SERIES	PIN TYPE	LENGTH	VOLTAGE	TYPE	WATTAGE	COLOR	LENS TYPE	INTENSITY
RLP	X	XX	110	0-G	XX	X	X	X
	G = G13 (0°) G90 = G13 (90°) F = FA8 R = R17D	12 24 36 48 60 72 96	110 = 110VDC		SEE CHART ABOVE	50 = Cool White (5000K) 41 = Mid-Neutral White (4100K) 35 = Neutral White (3500K)	M = Milk White	S = Single Intensity