

LED RAIL LIGHTING

RLP SERIES - 72VDC



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

- 15", 18", 24", 36", 60" lengths
- Colors: Super Cool, Warm, Neutral White, Amber*, Red*, Green* and Blue*
- Operational voltages for special applications*
- Clear Lenses
- Rotatable end cap (G13 type only)

DESCRIPTION

The LED Lighting tube has been designed to work with conventional fluorescent fixtures. To replace the short lived fluorescent lamps that are typically used in interior lighting. The LED Lighting tube can be used to retrofit existing fluorescent installations in all types of applications. The internal driver operates without the need of a ballast.

FEATURES

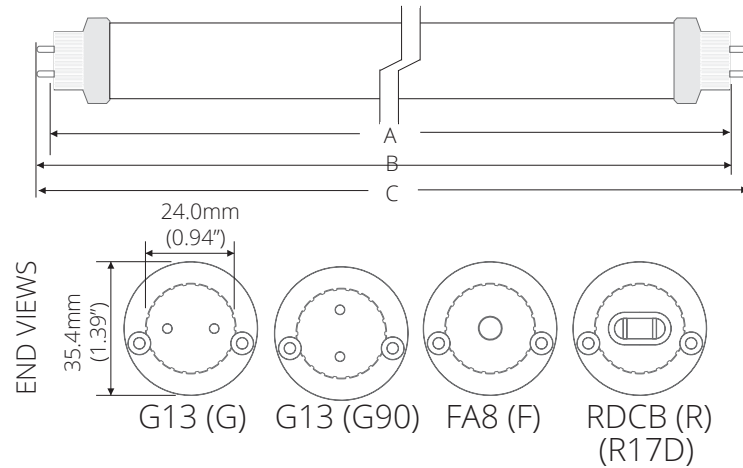
- Solid state lighting device, works well in harsh environments of hot or cold temperatures
- Instant on, no warm up time
- Lasts at least 5-8 times longer than fluorescent
- Low EMI emissions, to eliminate radio interference
- Design to replace conventional fluorescent lamps
- Low EMI emissions, to reduce radio interference
- Lead Free Compliant, Mercury Free

STANDARD FEATURES

- 48" length
- Cool White LEDs
- 49VDC ~ 90VDC Operating Voltage
- Milk White Lens
- Bi-Pin, Instant start connection type
- Standard T8 Fluorescent replacement

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	15	14.22	361.2	14.67	14.78	372.6	375.4	14.4	14.5	365.8	368.3
	18	17.22	437.4	17.67	17.78	448.8	451.8	17.4	17.5	442	444.5
	24	23.22	539.8	23.67	23.78	601.2	604.0	23.40	23.50	594.4	596.9
	36	35.22	694.6	35.67	35.78	906.0	908.60	35.40	35.50	899.2	901.7
	48	47.22	1199.4	47.67	47.78	1210.9	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
FA6/RDCB	24	21.18	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		1468.6				
	72	69.18	1757.2		69.825		1773.6				

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
				MIN	TYP	MAX				COOL			WARM WHITE				
							MIN	TYP#	MAX	6000K	5700K	5000K	4500K	4100K	3500K	TYP	TYP
RLP	12	MILK WHITE	0-B	49	72	90	0.06	0.07	0.08	488	488	506	476	470	458	5	85
	15						0.06	0.07	0.08	683	683	708	666	658	641	7	
	18						0.06	0.07	0.08	781	781	809	762	752	733	8	
	24						0.11	0.13	0.15	878	878	910	857	846	825	9	
	36						0.18	0.21	0.24	1464	1464	1517	1428	1410	1374	15	
	48						0.22	0.25	0.29	1756	1756	1821	1714	1692	1649	18	
	60						0.28	0.32	0.37	2244	2244	2326	2190	2162	2107	23	
	72						0.33	0.38	0.44	2635	2635	2731	2570	2536	2474	27	
	96						0.44	0.50	0.58	3513	3513	3641	3427	3384	3299	36	

ORDERING INFORMATION

SERIES	PIN TYPE	LENGTH	VOLTAGE	TYPE	WATTAGE	COLOR	LENS TYPE	INTENSITY	
RLP	X	XX	72	0-B	XX	X	X	X	
G = G13 (0°)		15	72 = 72VDC		SEE CHART ABOVE	50 = Cool White (5000K)	C = Clear, Ribbed M = Milk White	S = Single Intensity	
G90 = G13 (90°)		18				45 = Daylite White (4500K)			
GU = G13 Universal		24				41 = Mid-Neutral (4100K)			
F = FA8		36				35 = Neutral White (3500K)			
R = R17D		48							
		60							

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