

LED BUS LIGHTING MLJ SERIES 12 VOLT



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

The LED mini-light series is a low voltage, low profile enclosed light. It has been designed to be a direct and cost-effective replacement for fluorescent fixtures in a variety of applications. The MLJ series is designed to be a fixture and light all in one.

An excellent fixture to be installed in mini-buses, articulated sections of extended buses, coaches, or any other place where an all-in-one fixture may be easier to install.

FEATURES

- Solid state lighting device, works well in harsh environments of hot or cold temperatures
- Instant on, no warm up time
- Lasts at least 8 times longer than fluorescent
- No EMI emissions, to eliminate radio interference
- Design to replace mini light fixtures
- Lead Free Compliant, Mercury Free
- Vibration proof features
- Lead Free Compliant, Mercury Free

STANDARD FEATURES

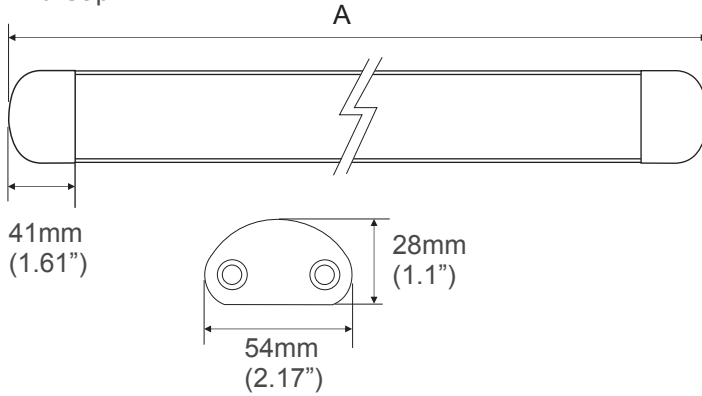
- Cool White LEDs
- 12VDC Operating Voltage
- Rounded Lens

OPTIONAL FEATURES

- Lengths of 12" increments for 12VDC
- Colors: Super, Cool, Neutral, Mid-Neutral, Warm White (Blue, Green, Red, Amber*)
- 24VDC (See data sheet for 24VDC)

DIMENSIONS

Rounded End Cap



Nominal Length	A		Finished Weight	
	mm	inch	g	lbs
14"	376	14.8	228	0.502
26"	680	26.8	428	0.944
38"	985	38.8	629	1.387
50"	1290	50.8	829	1.828
62"	1595	62.8	1030	2.271

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	MIN	TYP#	MAX	COOL WHITE		WARM WHITE			TYP
										6500K	5000K	4100K	3500K	2800K	
MLJ	14	CLEAR	0-9	22	12	26	0.33	0.42	0.45	396	384	415	384	340	5
	26						0.67	0.83	0.91	791	767	831	767	679	10
	38						1.00	1.25	1.36	1187	1151	1246	1151	1019	15
	50						1.33	1.67	1.82	1582	1534	1662	1534	1358	20
	62						1.67	2.08	2.27	1978	1918	2077	1918	1698	25
	14	SINGLE FROSTED					0.33	0.42	0.45	358	347	376	347	307	5
	26						0.67	0.83	0.91	715	694	751	694	614	10
	38						1.00	1.25	1.36	1073	1040	1127	1040	921	15
	50						1.33	1.67	1.82	1431	1387	1503	1387	1228	20
	62						1.67	2.06	2.27	1788	1734	1879	1734	1535	25
	14	MILK WHITE					0.33	0.42	0.45	295	286	309	286	253	5
	26						0.67	0.83	0.91	589	571	619	571	506	10
	38						1.00	1.25	1.36	884	857	928	857	759	15
	50						1.33	1.67	1.82	1178	1142	1238	1142	1012	20
	62						1.67	2.08	2.27	1473	1428	1547	1428	1264	25

ORDERING INFORMATION

SERIES	END CAP	LENGTH	VOLTAGE	TYPE	WATTAGE	COLOR	LENS	INTENSITY
MLJ	R	XX	12	X-X	XX	X	X	X
		14	12 VDC	SEE CHART ABOVE		65 = 6500K 50 = 5000K 41 = 4100K 35 = 3500K 28 = 2800K	M = Milk White	S= Single Intensity D = Dual Intensity
		26						
		38						
		50						
		62						

* Custom order item, contact LED Smart Inc. for more details.