



892 Series LED

8 3/8" WAYSIDE SIGNAL LAMP MODULE



FEATURES / BENEFITS

- ▲ Features hi-flux LEDs to simulate point light source for enhanced optical performance
 - Faster on/off response time than incandescent lamps improves safety
 - Flicker resistance & reduced current draw
 - 5+ year life reduces maintenance costs
- ▲ Prevents sun phantom effects by eliminating use of colored inner filter lenses
- ▲ Designed to fit Safetran, US&S, GRS, and other 8 3/8 inch diameter transit wayside signal heads
- ▲ Uses existing signal head outer lens
- ▲ 12 volt DC
- ▲ Power factor correction & reduced THD
- ▲ Certified for rail environment

APPLICATION

▲ The 892 Series LED Wayside Signal Lamp Modules were developed by Dialight specifically for use in Class 1 Railroad, 8 3/8" signals in retrofit applications where replacement of existing incandescent light bulbs is desired. This installation approach provides all the benefits of LEDs without the complex retrofit of the entire lens and housing assemblies. Installation is nearly as simple as replacement of the incandescent bulb. Dialight lamp modules have been fully qualified for the Rail environment and incorporate power factor correction and total harmonic distortion reduction circuitry.

▲ Dialight is the recognized leader in LED applications for transportation signaling, and has worked cooperatively with leading transit rail customers to develop this unique solution to wayside signal applications for LEDs. It is proven to be a preferred product over traditional 5mm LED distributed array solutions.



A4703



ISO 9001

Dialight Corporation

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MDTR892X001_C

ELECTRICAL CHARACTERISTICS @ 25°C

USA

Part Number	Color	Description	Operating Voltage
892-1G06-231-RA-005	Green	Ring lug, 12" leads, w/out hardware*, AREMA Specifications	12 VDC
892-1R06-231-RA-005	Red	Ring lug, 12" leads, w/out hardware*, AREMA Specifications	12 VDC
892-1Y06-231-RA-005	Yellow	Ring lug, 12" leads, w/out hardware*, AREMA Specifications	12 VDC
892-1W06-231-RA-005	Lunar	Ring lug, 12" leads, w/out hardware*, AREMA Specifications	12 VDC
892-1B06-231-RA-005	Blue	Ring lug, 12" leads, w/out hardware*, AREMA Specifications	12 VDC

* Requires hardware kit

OPTICAL PERFORMANCE @ 25°C

892 SERIES	Description	Minimum Initial Light Output	Beam Angles
		On-axis Intensity (cd)	
	Red Wayside Signal	3500	2°12'(H) x 1°10'(V)
	Yellow Wayside Signal	3900	2°12'(H) x 1°10'(V)
	Green Wayside Signal	4000	2°12'(H) x 1°10'(V)
	White Wayside Signal	3200	2°12'(H) x 1°10'(V)
	Blue Wayside Signal	400	2°12'(H) x 1°10'(V)

*Optical performance may vary based on lens.



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