

Dialight LED Traffic Signals



BENEFITS

- ▲ Typically greater than 90 percent reduction in power consumption vs incandescent
- ▲ Long life: up to 10 time longer than incandescent
- ▲ Lenses are hard coated for abrasion resistance
- ▲ Minimum warranty is 36 months
- ▲ Wide selection of products
- ▲ Easy to install into existing signal enclosure
- ▲ Red and Green 120 Volt types meet the ITE LED Specification VTC SH Part 2 dated July 1998

SPECIFICATIONS

- ▲ Fuse and transient suppressor incorporated for line and load protection
- ▲ Power factor minimum of 0.9
- ▲ Total Harmonic Distortion <20%
- ▲ Meets FCC Title 47, Subpart B, Section 15 Regulations for Electrical Noise
- ▲ Conforms to NEMA Moisture Resistance STD. 250-1991 for Type 4 enclosures (ITE 6.4.6.2 Moisture Resistance)
- ▲ Operating Temperature Range:
- 40°C to +74°C
- ▲ Operating Voltage Range:
12VDC = 9VDC to 15VDC
120VAC = 80VAC to 135VAC

Dialight

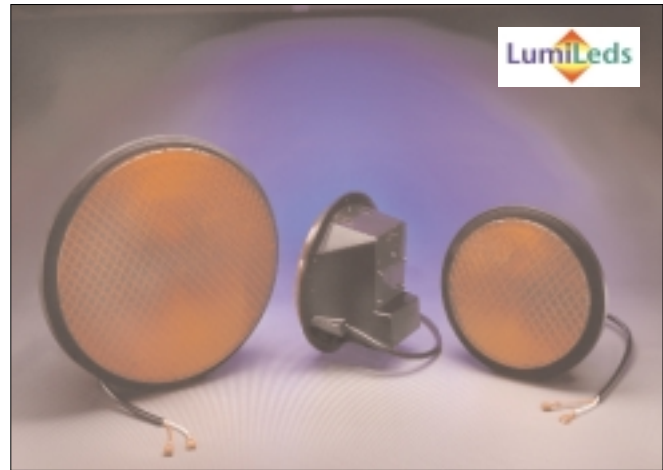
a Roxboro Group company

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8 INCH BALLS - TYPICAL OPERATING CHARACTERISTICS

Part Number	Note	Description	Volts	Typical Wattage at 25°C (Min)	Luminous Intensity # (cd)	Dominant Wavelength Nominal (nm)	Lens Tint
433-1110-003	*◆●	Red	120VAC	7.0	133	622	Red
431-3130-001		Yellow	120VAC	15.9	251	590	Yellow
433-3130-001	● +	Yellow	120VAC	7.0	133	590	Yellow
432-2170-001	*	Green	120VAC	6.0	267	505	Clear
430-2170-001	*	Green Extended View	120VAC	7.5	314	505	Clear
431-1110-005		Red	12VDC	9.1	127	622	Red
431-3130-005		Yellow	12VDC	13.2	251	590	Yellow
431-2171-005		Green	12VDC	4.0	267	505	Clear
94-315S		Spade Lug Adapter					

12 INCH BALLS - TYPICAL OPERATING CHARACTERISTICS

Part Number	Note	Description	Volts	Typical Wattage at 25°C (Min)	Luminous Intensity # (cd)	Dominant Wavelength Nominal (nm)	Lens Tint
433-1210-003	*◆●	Red	120VAC	10.5	339	622	Red
431-3230-001		Yellow	120VAC	32.0	639	590	Yellow
433-3230-001	● +	Yellow	120VAC	10.5	339	590	Yellow
432-2270-001	*	Green	120VAC	11.8	678	505	Clear
430-2270-001	*	Green Extended View	120VAC	14.9	798	505	Clear
431-1210-005		Red	12VDC	18.0	319	622	Red
431-3230-005		Yellow	12VDC	25.4	639	590	Yellow
431-2271-005		Green	12VDC	10.3	678	505	Clear
94-315S		Spade Lug Adapter					

*Meets or exceeds ITE VTC SH Part 2 ◆Approved by Caltrans # measured at peak point ● LumiLeds Product + Available Third Quarter 2000

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