

12 Volt LED Modules 431 Series Traffic Signals



FEATURES / BENEFITS

- ▲ 90% reduction in power vs. incandescent
- ▲ Long life; Up to 10 times longer than incandescent
- ▲ Hard coated lenses for abrasion resistance
- ▲ Wide selection of products
- ▲ Easy to install into existing signal enclosure

SPECIFICATIONS

- ▲ Operating Voltage Range: 9VDC to 15VDC (12VDC nominal)
- ▲ Convex lens reduces glare & sun reflection
- ▲ Fuse and transient suppressor incorporated for line and load protection
- ▲ Operating Temperature Range: -40°C to +74°C
- ▲ Turn on / Turn off Time = 75 msec max
- ▲ Power factor >0.9
- ▲ Total harmonic distortion <20%
- ▲ Meets FCC Title 47, Subpart B, Section 15 Regulations for electrical noise
- ▲ Conforms to MIL-STD-810F for blowing rain
- ▲ Provided with quick connect terminals and spade adapters
- ▲ Written manufacturer's warranty available on request



Dialight Corporation

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a Roxboro Group Company

8" (200mm) SIGNAL MODULES

Part Number	Color	Lens Type	Typical Wattage at 25°C	Min Luminous Intensity* (cd)	Dominant Wavelength (nm)
431-1110-005	Red	Tinted	9	127	622
431-3130-005	Yellow	Tinted	13	267	590
431-2171-005	Green	Clear	4	251	505

*Initial: Measured at peak intensity point.

12" (300mm) SIGNAL MODULES

Part Number	Color	Lens Type	Typical Wattage at 25°C	Min Luminous Intensity* (cd)	Dominant Wavelength (nm)
431-1210-005	Red	Tinted	18	319	622
431-3230-005	Yellow	Tinted	25	678	590
431-2271-005	Green	Clear	10	639	505

*Initial: Measured at peak intensity point.



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