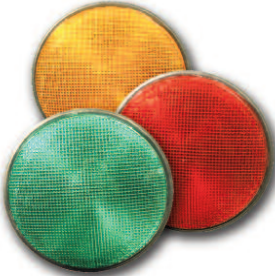


# Dialight

## LED Traffic Modules

for use with External Constant Current DC Drive Applications



## FEATURES / BENEFITS

- ▲ Robust High Flux LED Technology
- ▲ Ideal for Solar and Battery Application When Used With LED Driver Provided by Others
- ▲ Long Life
- ▲ Standard 8" and 12" Modules
- ▲ Fully Sealed Module
- ▲ Incandescent Appearance
- ▲ Abrasion Resistant Lens Coating
- ▲ Easy to Install into Existing Signal Enclosure

## SPECIFICATIONS

- ▲ Constant current DC drive source required (provided by others)
- ▲ Quick connect terminals with spade / tab adapters
- ▲ Colored Wire - Positive, White Wire - Negative
- ▲ Operating Temperature Range: -40°C to +74°C
- ▲ Vibration resistant to Mil-Std-883, Test method 2007
- ▲ Moisture Resistant per MIL-STD-810F, Method 506.4 for rain and blowing rain

**Caution:** These Dialight LED traffic signal modules do not contain any internal LED Driver circuitry that would limit the current to the LEDs. These LED modules **must be driven with a customer supplied constant current source**. Failure to drive these LED modules from a constant current source or exceeding the drive current specification for the devices can result in catastrophic failure of the LEDs. Since LED drive current is a function of the system design, LED product warranty is assumed by the system designer / supplier.

## 8" (200 MM) SIGNAL MODULES WITH NO INTERNAL DRIVER CIRCUIT

Part Number	Color	Lens Type	Min Luminous Intensity* (cd)	Dominant Wavelength (nm)	Max Input Drive Current (mAmps)
433-1110-000XL	Red	Tinted	165	625	375
433-3130-900XL	Yellow	Tinted	410	590	520
433-2120-000XL	Green	Tinted	215	500	600
433-2170-000XL	Green	Clear	215	500	600

## 12" (300 MM) SIGNAL MODULES WITH NO INTERNAL DRIVER CIRCUIT

Part Number	Color	Lens Type	Min Luminous Intensity* (cd)	Dominant Wavelength (nm)	Max Input Drive Current (mAmps)
433-1210-000XL	Red	Tinted	365	625	340
433-3230-900XL	Yellow	Tinted	910	590	520
433-2220-000XL	Green	Tinted	475	500	345
433-2270-000XL	Green	Clear	475	500	345

\* Measured at peak intensity point, when driven at the above specified max input drive current.

Dialight reserves the right to make changes at any time in order to supply the best product possible.  
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[www.dialight.com/Assets/Brochures\\_And\\_Catalogs/Illumination/MDTS433EC001.pdf](http://www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/MDTS433EC001.pdf)



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