



Electrical specifications

Operating Temp: -40 °C to +74 °C

Polarity: Colored Wire: Positive
Black Wire: Negative

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
- Vibration resistant to Mil-Std-883, test method 2007
- Constant current DC drive source required (not included)
- Quick connect terminals with spade/tab adapters
- Moisture resistant per MIL-STD-810F, method 506.4 for rain and blowing rain

Ordering Information

Part Number	Color	Lens Type	Min Luminous Intensity* (cd)	Dominant Wavelength (nm)	Max Input Drive Current (mA)
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8" (200mm) signal modules

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" (300mm) signal modules

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

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 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.