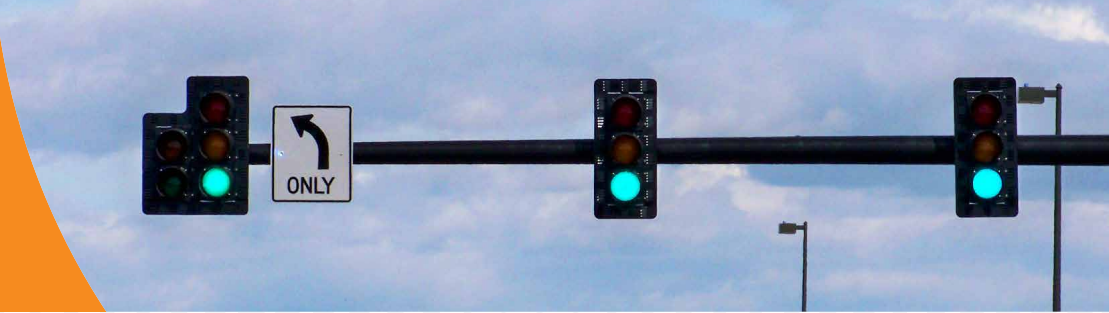




On when
it counts.



Electrical Specifications:

Operating voltage: Low voltage 10 - 30V DC operation

Operating temperature: -40°F to +165°F (-40°C to +74°C)

Turn-on / Turn-off Time: < 75 msec

Features & Benefits

- Polarity protected
- Robust high flux LED technology
- Ideal for solar and battery application
- Standard 8" and 12" modules
- Fully sealed module
- Incandescent appearance
- Abrasion resistant lens coating
- Easy to install into existing signal enclosure
- Polarity marked on wires

- Quick connect terminals with spade/tab adapters
- RF immunity 10V/M, 80MHz to 1Ghz
- Colored wire - Positive; White wire - Negative
- Meets FCC Title 47, Subpart B, Section 15 Regulations for radiated emissions
- Vibration resistant to MIL-STD-883, Test method 2007
- Moisture resistant per MIL-STD-810F, Method 506.4 for rain and blowing rain
- Power supply is conformal coated
- Transient suppression exceeds ITE VTCSH LED requirements
- Meets ITE VTCSH LED Circular Supplement dated 6/27/2005 intensity, color and uniformity over the full temperature range

Ordering Information

Part Number	Color	Lens Type	Min. Luminous Intensity* (cd)	Dominant Wavelength (nm)	Typical Wattage @ 25°C
8" (200mm) Signal Modules					
433-1110-005XL	Red	Tinted	165	625	5
433-3130-905XL	Yellow	Tinted	410	590	6
433-2120-005XL	Green	Tinted	215	500	7
433-2170-005XL	Green	Clear	215	500	7
12" (300mm) Signal Modules					
433-1210-005XL	Red	Tinted	365	625	6
433-3230-905XL	Yellow	Tinted	910	590	11
433-2220-005XL	Green	Tinted	475	500	6
433-2270-005XL	Green	Clear	475	500	6

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