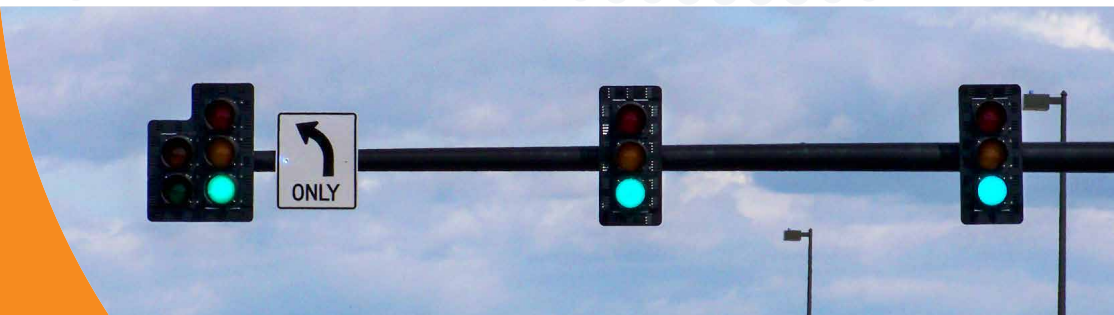




On when  
it counts.



### Electrical Specifications:

|                                 |                                   |
|---------------------------------|-----------------------------------|
| <b>Operating voltage:</b>       | Low voltage 10 - 30V DC operation |
| <b>Operating temperature:</b>   | -40°F to +165°F (-40°C to +74°C)  |
| <b>Turn-on / Turn-off Time:</b> | < 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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