

Dialight

Low Voltage LED Traffic Modules
10 - 30 VDC Operation



FEATURES / BENEFITS

- ▲ Polarity Protected
- ▲ Robust High Flux LED Technology
- ▲ Ideal for Solar and Battery Application
- ▲ Long Life
- ▲ 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

SPECIFICATIONS

- ▲ Low Voltage 10-30 VDC Operation
- ▲ Meets ITE VTCSH LED Circular Supplement Dated June 27, 2005 Intensity, Color and Uniformity Over the Full Temperature Range
- ▲ Quick Connect Terminals with Spade / Tab Adapters
- ▲ 75 mSec Turn on Time
- ▲ RF Immunity 10V/M, 80MHz to 1Ghz
- ▲ Colored Wire - Positive, White Wire - Negative
- ▲ Operating Temperature Range: -40°C to +74°C
- ▲ Complies with FCC title 47, Subpart B Section 15 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

8" (200 MM) SIGNAL MODULES

| Part Number | Color | Lens Type | Min Luminous Intensity* (cd) | Dominant Wavelength (nm) | Typical Wattage at 25°C |
|----------------|--------|-----------|------------------------------|--------------------------|-------------------------|
| 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" (300 MM) SIGNAL MODULES

| Part Number | Color | Lens Type | Min Luminous Intensity* (cd) | Dominant Wavelength (nm) | Typical Wattage at 25°C |
|----------------|--------|-----------|------------------------------|--------------------------|-------------------------|
| 433-1210-005XL | Red | Tinted | 365 | 625 | 7 |
| 433-3230-905XL | Yellow | Tinted | 910 | 590 | 12 |
| 433-2220-005XL | Green | Tinted | 475 | 500 | 8 |
| 433-2270-005XL | Green | Clear | 475 | 500 | 8 |

* Measured at peak intensity point

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