



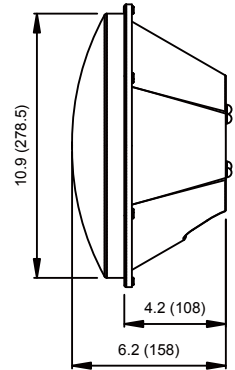
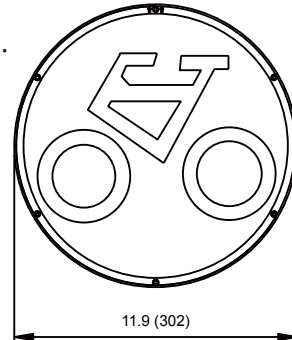
# 12 Inch Incandescent Look LED Bicycle Signals

## Features/Benefits

- 90% reduction in power vs. incandescent.
- Long life ; Up to 10 times longer than incandescent.
- Uniform non-pixelated illumination and incandescent look.
- Expanded view radiation pattern suitable for span wire.
- Easy to install into existing signal enclosure.

## Specifications

- Operates at -40°C to +74°C.
- UV stabilized scratch resistant shell.
- Fuse and transient suppressor incorporated for line and load protection.
- Power Factor greater than 0.9.
- Operating Voltage Range: 80V~135V.
- Total Harmonic Distortion < 20%.
- Meet Fcc Title 47. Subpart B Section 15 Regulations for Electrical Noise.
- Turn on / Turn off Time < 75 msec.
- Conform to MIL-STD-810F for blowing rain.
- Conform to MIL-STD-883, Test method 2007, For mechanical vibration.
- Conform to MIL-STD-883, Test method 1010, Temperature cycling requirement.



unit : inch (mm)



| Color | Model Number    | Lens Type | Size         | Power Consumption Typical(Watt) | Dominant Wavelength Typical(nm) | Luminance (cd/m <sup>2</sup> ) | Meet Caltrans Spec. |
|-------|-----------------|-----------|--------------|---------------------------------|---------------------------------|--------------------------------|---------------------|
| Red   | TRB-R12EG-E2T   | Tinted    | 12" / 300 mm | 9                               | 623                             | 5500                           | ✓                   |
| Amber | TRB-Y12EG-E2T   | Tinted    | 12" / 300 mm | 10                              | 590                             | 5500                           | ✓                   |
| Green | TRB-G12EG-E2T   | Tinted    | 12" / 300 mm | 11                              | 500                             | 5500                           | ✓                   |
| Green | TRB-G12EG-E2T-C | Clear     | 12" / 300 mm | 11                              | 500                             | 5500                           | ✓                   |

### Headquarters

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### China Factory

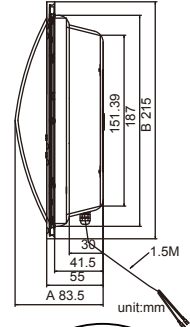
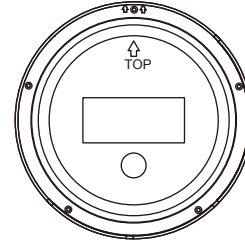
Lianxinfeng Opto. Co., Ltd.  
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Tel : 86-755-2814-0029 Fax: 86-755-2814-0027



# Bicycle Signals

## Specifications

- Operates at -40°C to +74°C.
- UV stabilized scratch resistant shell.
- Operating Voltage Range: 80V~250V.
- Moisture and Dust Ingress: Meet IP65.



| Color | Model Number | Description | Size        | Power Consumption (Watt) | Luminous Intensity (cd) |
|-------|--------------|-------------|-------------|--------------------------|-------------------------|
| Green | TRB-G08DF-I2 | 8" Bicycle  | 8" (200 mm) | < 12                     | 200                     |
| Amber | TRB-Y08DF-I2 | 8" Bicycle  | 8" (200 mm) | < 10                     | 200                     |
| Red   | TRB-R08DF-I2 | 8" Bicycle  | 8" (200 mm) | < 10                     | 200                     |

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