



Sunlight-Visible. Direct-Replacement. Energy-Efficient.
12" (300mm) 12VDC Type-1 LED Traffic Light Balls (TrafficLED™)



Features

- Major Energy Savings
- Solid-State, High Shock/Vibration Resistant
- Conforms to Industry Standards
- Five-Year Warranty
- Lens Design Improves Brightness
- Lamps Can be Retrofitted into Existing Traffic Housings
- UV Resistant Polycarbonate Unit Eliminates Dust/Dirt Buildup
- Available in Red, Yellow, Green
- Very Low Power Consumption, Super Intensity

Applications

- Traffic Signal Lights
- Traffic Warning Lights
- Railroad Crossings
- Road Closure Signs
- Tunnel Warning Lights

Red and Green TrafficLEDs meet and exceed ITE and Caltrans Specifications



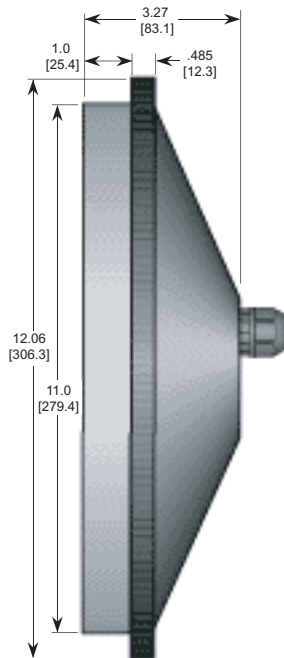
Only **6-10 Watts**
 Energy Compared to 150W Incandescent



Type 1 connection



Dimensions



Note: Outer Rubber seal ring supplied with module

Part Number, Type 1 TRF112-0ER-012V TRF112-0PY-012V TRF112-0BG-012V

Signal Color	Red	Yellow	Green
Wavelength nm	626	590	505
LED Material	AlInGaP	AlInGaP	InGaN
Lens Material	UV Resistant Polycarbonate		
Intensity	>400cd	>400cd	>700cd
Power Consumption	6W (500mA)	8W (666mA)	10W (833mA)
Power Factor (PF)	>0.9	>0.9	>0.9
Total Harmonic Distortion	20%	20%	20%
IP Rating with housing	IP34	IP34	IP34
IP Rating without housing	IP65	IP65	IP65
Operating Temperature	-40 ° C ~ 70 ° C	-40 ° C ~ 70 ° C	-40 ° C ~ 70 ° C
Signal Diameter	∅300mm	∅300mm	∅300mm
Weight (Module only)	1350g	1350g	1350g
Intensity loss due to single LED failure	4%	4%	4%

Log # 136D Rev 07-2001

