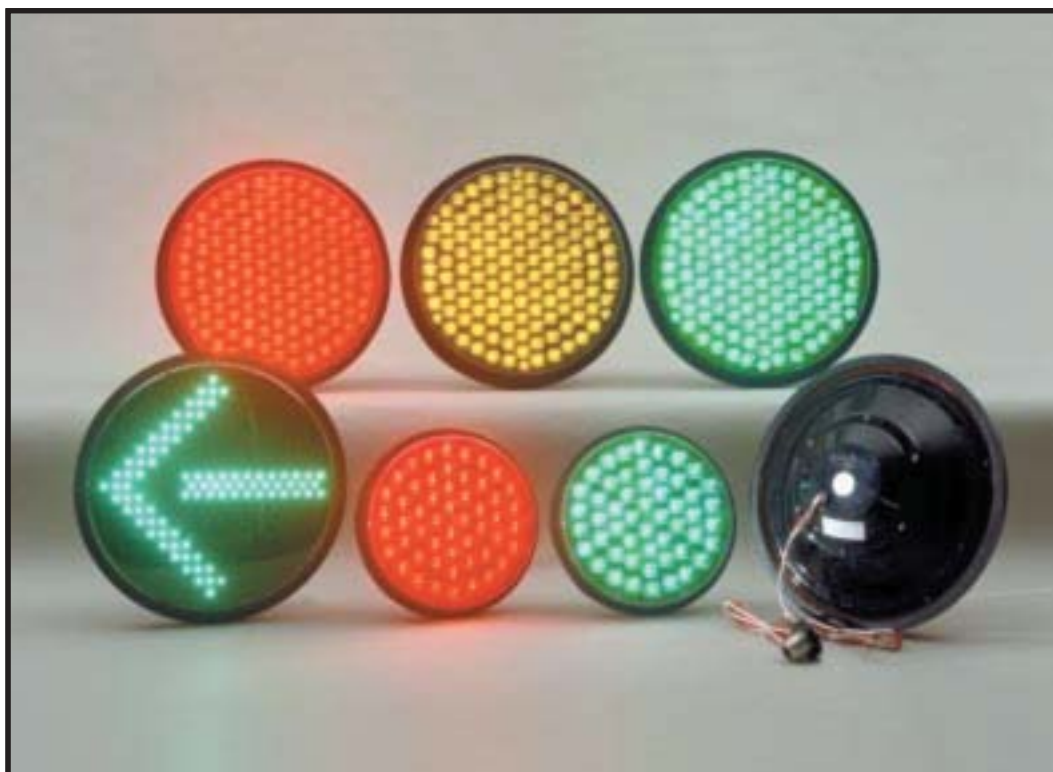


## LED Traffic Signal Lamps

300mm & 200mm  
LED Ball

300mm LED  
Arrow



### Features & Benefits

- Easily replaces existing incandescent signal lamps
- 300mm and 200mm Ball, 300mm Arrow Lamp available
- Unique ball lens design provides more uniform light dispersion
- Power savings up to 90%
- Moisture, dust, vibration, and wind resistant
- Reduced maintenance costs
- Increased reliability and safety
- Conform to current ITE/Industry standards
- 2-year warranty

PWS delivers the latest in energy savings and efficient design with its new series of LED traffic signal lamps. Utilizing the latest in LED technology and a unique ball lens design that provides more uniform light dispersion, the 300mm and 200mm Ball lamps and 200mm Arrow lamps are a reliable and cost-effective replacement for incandescent lamps. Power consumption can be as low as 8 watts depending on size and color. All lamps meet or exceed current ITE standards and specifications.

With LED signal lamps from PWS, you can be guaranteed of high visibility to ensure traffic safety in addition to measurable energy savings.

**ISO 9001**  
Certified Manufacturer



## Specifications

### ▼ Features

- Energy-saving LED lamps easily replaces incandescent lamps
- Available in 300mm or 200mm Ball and 300mm Arrow
- Unique ball lens provides more uniform light dispersion, lessens "pixel" effect
- Arrow lamps use 3 rows of LEDs (Caltrans spec)
- Spade/slip wiring connectors for easy installation
- 90 percent reduction in power consumption compared to incandescent lamps
- Moisture, dust, vibration, and wind resistant
- Reduced maintenance costs with increased reliability and safety
- 2-year warranty

### ▼ Options

- Wiring harness with screw-in connector
- Screw-in back cover/housing available
- 12VDC lamps available (10.5 VDC to 20 VDC)
- "Expanded View" models with increased viewing angle available
- Tinted lens available on selected models

### ▼ Specifications

LED Type (Red/Yellow) .....	AllInGap
LED Type (Green) .....	InGaN
Power Factor (N/A for VDC) .....	greater than .90
Total Harmonic Distortion (N/A for VDC) .....	less than 20%
Input Voltage .....	80 VAC to 135 VAC 10.5 VDC to 20 VDC
Wiring .....	Spade, slip, and screw-in harness available
Current Regulated .....	Yes
Temperature Compensated (N/A for VDC) .....	Yes
Meets current ITE Specifications .....	Yes

### Power Consumption Ratings

Model Number	Color	Power (Max.)
300mm Ball		
LEDT-12RB-001	Red	11W
LEDT-12YB-001	Yellow	18W
LEDT-12GB-001	Green	12W
200mm Ball		
LEDT-08RB-001	Red	8W
LEDT-08YB-001	Yellow	13W
LEDT-08GB-001	Green	10W
300mm Arrow		
LEDT-12RA-001	Red	7.5W
LEDT-12YA-001	Yellow	10W
LEDT-12GA-001	Green	10W

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