

# Seevision Technologies Inc.

*Making America Greener One Light At A Time*

## **LED TRAFFIC SIGNAL LIGHT PRODUCTS**

### 12" LED TRAFFIC BICYCLE SIGNAL LIGHT (3BY)



SVT-TSLB-12

### **DESCRIPTION**

3 Bicycle Signal Lamps (RED, YELLOW, GREEN)

### **APPLICATIONS**

Integrated Lamp & Enclosure LED Traffic Signal Light Replacement Solution

**NEW YORK**  
**516 - 754 - 8328**

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**FLORIDA**  
**352 - 597 - 9025**

**FEATURES & BENEFITS**

Lighting Energy Cost Savings	Energy consumption up to 80% less than standard traffic lights.
Replacement Lamp & Labor Cost Savings	Life duration is over 50,000 Hours; 10-20X longer than standard traffic lights.
Automatic Brightness Sensor	Monitors and automatically adjusts the LED brightness based on the ambient light levels.
Unique Optical Lens Design	The 5 degree optical down lens provides an enlarged LED beam pattern for best performance.
Tool Free Maintainence	Designed to be opened and maintained without the use of any special tool.
Environmentally Safe & Recyclable	Contains no harmful gases, mercury, sodium, lead or UV radiation (100% recyclable).
Durable & Moisture Resistant Housing Design	Impact resistant & shock-proof design; sealed moisture resistant enclosure, IP65 Rating.

**TECHNICAL SPECIFICATIONS**

LED Lamps	RED BICYCLE	YELLOW BICYCLE	GREEN BICYCLE
Emission Color	<b>RED</b>	<b>YELLOW</b>	<b>GREEN</b>
Wavelength (nm)	625±5	590±5	505±2
LED Quantity (pc)	76	76	76
Intensity (cd)	>4000/m2	>4000/m2	>4000/m2
Left / Right Visual Angle	60°	60°	60°
Down Visual Angle	20°	20°	20°
Power Consumption (w)	<8	<8	<8
Apply Diameter (mm)	300	300	300
Working Voltage	80V~280V AC 50HZ/60HZ		
Operating Temperature	-40°C ~ +80°C		
Lamp Life Duration	50,000 Hours		
Housing Materials	USA GE UV resistance polycarbonate crust and lens, with silica-gel gasket sealing.		
IP Rating	IP65 (sealed moisture resistant enclosure)		
Dimensions (mm)	1050 x 430 x 280		
Certifications	CE, ITE and related international standards		

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