



# Mathis Electronics

## Demarcation Light for Escalators

### TECHNICAL SPECIFICATIONS

Model	MES891
Light Source	24 green light emitting diodes.
Light Output	The light output of one of these green leds, measured at 15" directly in front of the unit is 12.2 lux. (Compare with 1.8 lux, the amount of light which is emitted from a ½" diameter area of a typical fluorescent lamp, measured without the green filter. When the filter is added, the light output of the fluorescent lamp is further reduced to perhaps 1 lux, depending on what type of filter is used.)
Input Voltage	115vac
Power Consumption	5.00W
Mounting	mounts to two studs. Mounting holes are 0.185" diameter. Mounting holes are 16.85" apart.
Weight	0.5 lbs.
Dimensions	18.0 in x 1.0 in x 0.56 in
Durability	The typical life expectancy of these LEDs at 20mA is about 50,000 hours of illumination. At the above listed input voltages, the average current through the LEDs is 14mA, so life expectancy should be greater, although there is no data available at 14mA. Unit is water resistant.
Warranty	Lifetime warranty. Warranty does not cover vandalism, acts of God, or improper installation or usage.

Specifications are subject to change without notice.