

INTRODUCTION

The LiftMaster Hi-Intensity Red/Green LED Traffic Light is designed for use in both indoor and outdoor applications where signaling and traffic control are required. The Traffic Light puts out hi-intensity red and green beams that are well suited to areas that require a controlled field of view for narrow lane signaling and daylight visibility. The Traffic Light is compatible with Logic 3/4/5.0 operators that can accommodate the TLS1CARD and RDGRNCARD.

SPECIFICATIONS

FEATURE	DESCRIPTION
Supply Voltage And Current:	15-30 volts, DC preferred, AC acceptable
Voltage Draw	40 mA max. per LED color (80mA Total Draw)
Input Response Time	Indicator On/Off: 10 ms (max.)
Connections	Integral 4-Pin Connector with Pig Tail
Operating Temperatures	-40° to +50° C (-40° to +122° F)
Environmental Description	Fully Encapsulated

ENVIRONMENTAL RATING

Electronics	IEC IP67
Enclosure	IEC IP65

ENCLOSURE MATERIAL

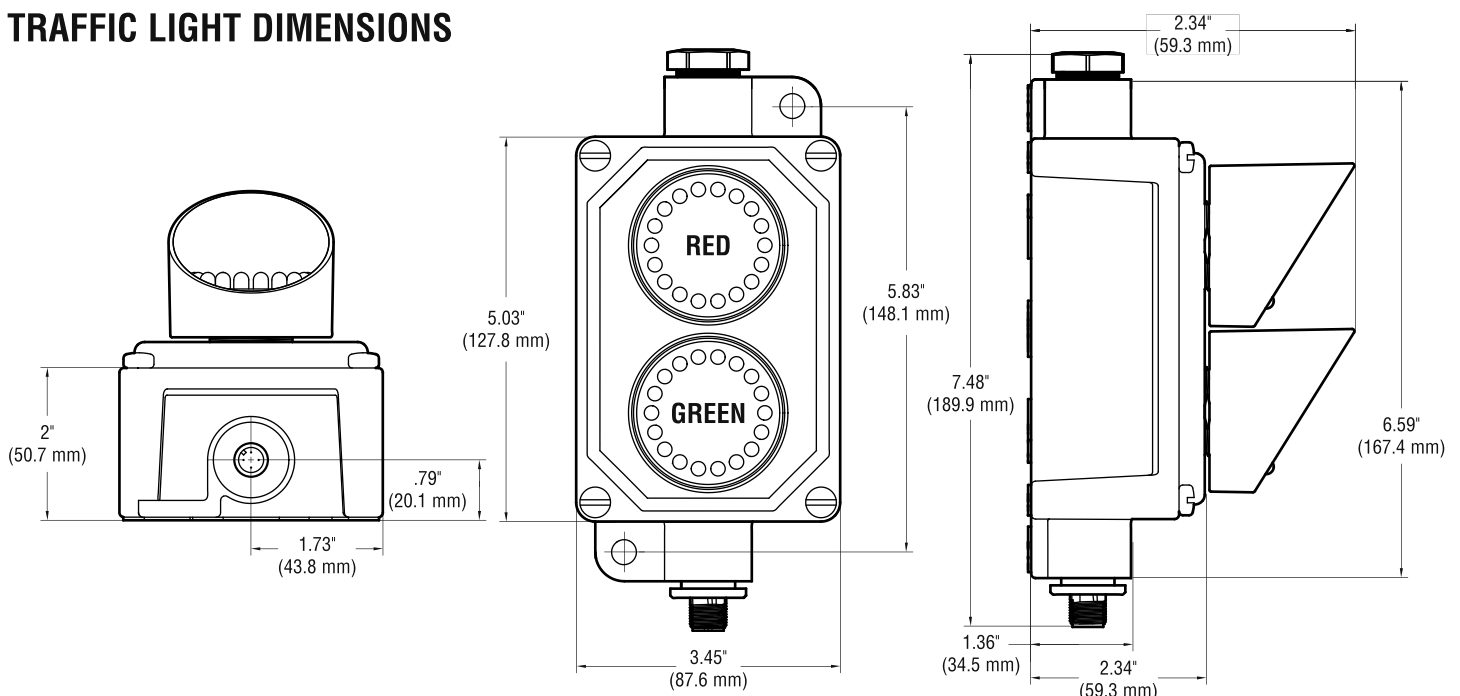
Front Cover	Polycarbonate
Back Cover	Polycarbonate

NOTE: Outdoor wired models must have cover screws tightened and use water tight compression fitting to meet environmental ratings.

CARTON INVENTORY

- Traffic Light
- Cable (6.5 feet [2 m])
- Installation Instructions

TRAFFIC LIGHT DIMENSIONS



⚠️ WARNING

NEVER use this product as a sensing device for personal protection. Doing so could lead to **SERIOUS INJURY** or **DEATH**.

To avoid **SERIOUS** personal **INJURY** or **DEATH** from electrocution, disconnect electrical power to operator **BEFORE** proceeding.

ALL electrical connections **MUST** be made by a qualified individual.

- Stop ALL traffic through the door **BEFORE** installing sensor.
- Ensure there is no vehicle or pedestrian traffic through the door until sensor is installed and tested for compliance with ALL applicable safety standards (e.g. UL 325).
- Check placement of wiring to ensure moving parts are **NOT** impeded by wires.
- Make sure wiring is correct **BEFORE** applying power to the sensor to avoid **DAMAGE** to equipment.
- If the sensor sustains damages (e.g falls), replace it with a new sensor.



WARNING: This product can expose you to chemicals including lead, which are known to the State of California to cause cancer or birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

VIEWING ANGLE

The maximum light intensity of the Traffic Light is at approximately +10 ft. / -10 ft. of the center line, and falling-off with the increase in distance. This light is designed for narrow areas where single lane viewing is preferred.

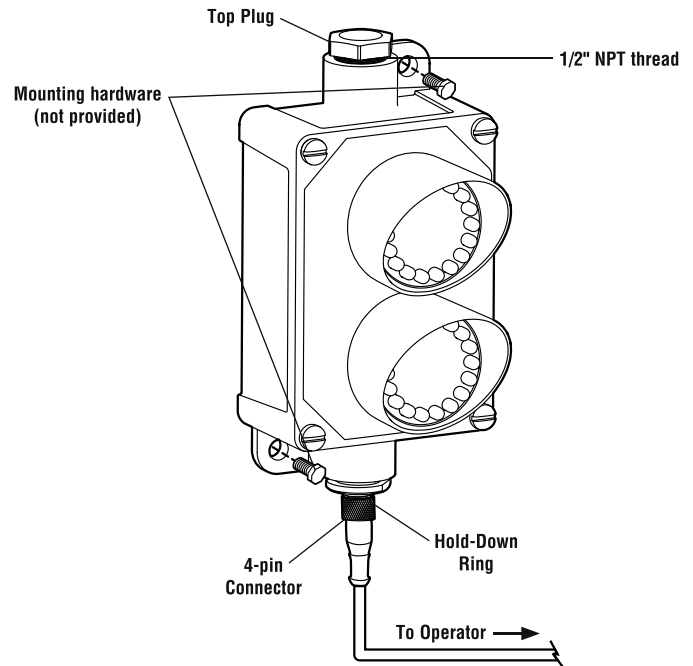
NOTE: Avoid looking directly into the powered LEDs from a close distance.

INSTALLATION

The Traffic Light should be mounted at a height which maximizes visibility.

1. Secure the Traffic Light to the mounting surface with appropriate hardware (not provided).
2. Insert the 4-pin connector into the base of the Traffic Light and turn the hold-down ring clockwise until snug.

NOTE: NPT mounting is recommended when a flat surface is not available. The Traffic Light housing has 1/2" NPT thread on the top. Remove top plug to allow NPT mounting. It will accept polished 304 stainless steel or anodized aluminum pipe threads. The bottom thread is for the 4-pin connector only (not for NPT mounting).

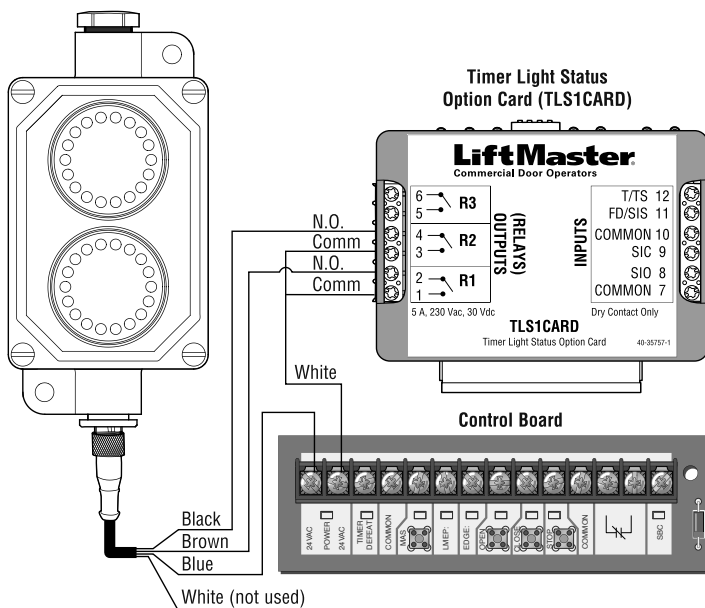


WIRING

Traffic Light Signal Control

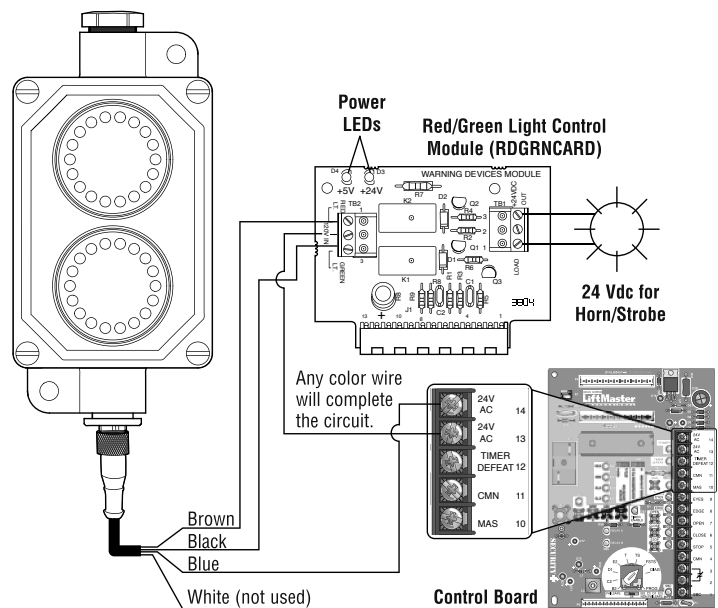
Logic 4 and Logic 5.0 Operators

Requires a Timer Light Status Card (TLS1CARD).



Logic 3 Operator

Requires a Red/Green Light Control Module (RDGRNCARD).



NOTE: In most cases the Traffic Light can be powered by the operator's transformer. If multiple accessories are powered by the operator, such as 2 sets of Traffic Lights and photoelectric sensors, a transformer upgrade may be required. (See Transformer Upgrades below.) A 460 V operator will not require a transformer upgrade.

Transformer Upgrades

Factory installed upgrade to 40 Va transformer..... 902140VAL
Field replacement 120 Vac/40 Va transformer.....21-32780
Field replacement 230 Vac/40 Va transformer.....21-32781

Optional Accessories

4-Pin, 15 ft. (4.6 m) Cable with Pigtail4PCWPT-15
External Power Supply 100MAPS
Provides enough power to operate one RGL-CTL Red/Green Light.
Input: 110VAC Output Amperage: 100mA
Output Voltage: 24VDC Cable Leads: 38 ft. (11.6 m)

WARRANTY

One Year Limited Warranty

LiftMaster warrants to the first consumer purchaser of this product that is free from defect in materials and/or workmanship for a period of 1 year from the date of purchase.