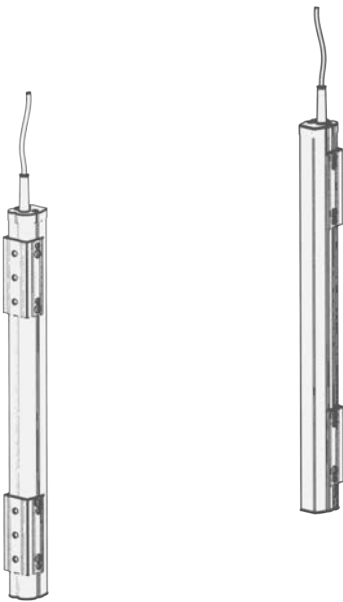


WARNING

TO REDUCE THE RISK OF SEVERE INJURY OR DEATH TO PERSONS:

1. READ AND FOLLOW ALL INSTALLATION INSTRUCTIONS.
2. Always shut OFF the main power before performing any electrical intervention.
3. Do NOT connect more than one (1) monitored entrapment protection device simultaneously on the MONIT terminals.
4. Light Curtains are to be placed where there is a risk of entrapment or obstruction is present, thus providing protection in the area above the floor.
5. Do NOT operate equipment without a properly working and correctly wired Light Curtain attached.

Contents

Article No.	Components
<p>LIGHTCURTAIN 001/002 Monitored External Entrapment Protection Device</p> <p>Used to safeguard doors according to the requirements of UL325</p>	<div style="display: flex; align-items: center; justify-content: center;">  </div> <ul style="list-style-type: none"> ➔ Monitored Light Curtain Transmitter & Receiver: 36" (91cm) or 72" (183cm) ➔ 4 or 6 Mounting Brackets (depending on model chosen) ➔ Hardware Bag

Installation Instructions

WARNING

DOORS MUST BE EQUIPPED WITH ENTRAPMENT PROTECTION DEVICES TO AVOID DANGER OF INJURY TO PERSONS.

Before installation of such devices, the installer has to identify all danger zones of the door.

Preparation

1. Unpack the tube and identify which Light Curtain is the Transmitter unit (2-wires) and which is the Receiver unit (4-wires). The Receiver typically mounts on the same side as the operator.
2. Identify the preferred location; close to the door tracks on the inside of the door opening is ideal.

Installation

1. Attach the brackets to any available mounting points, using the screws provided or other appropriate hardware. One bracket should go approximately 6" (15.2cm) below the top and another 6" (15.2cm) above the bottom of the Light Curtains. For the 72" (1.83m) Light Curtains, an additional bracket should be added in the middle.
2. Make sure the brackets are all in-line. The functional operating distance between Transmitter and the Receiver is between 6'-33" (1.83-10.1m).
3. Press the Light Curtains into the brackets. The flat surface should be facing across the door opening so that the Light Curtains are facing each other and the bottoms are resting on the floor.

Wiring Connections

Refer to Figure 1 and follow the instructions below:

1. Wire the Light Curtains to the operator. A total of six (6) wires need to connect to the operator; 2 wires run from the Transmitter and 4 run from the Receiver. The BLACK and RED wires from both Light Curtains will connect to the operator's Electronic Control Board on Terminals #1 and #2.
2. The GREEN and WHITE wires will connect to the MONIT Terminals #15 and #16 on operator's Electronic Control Board.
3. Confirm that the GREEN LED is ON at the bottom of both Light Curtains.

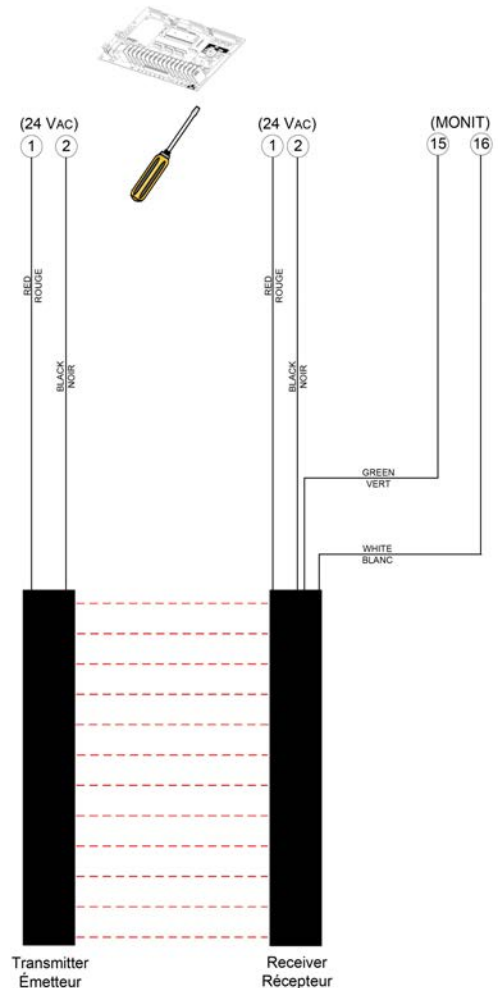


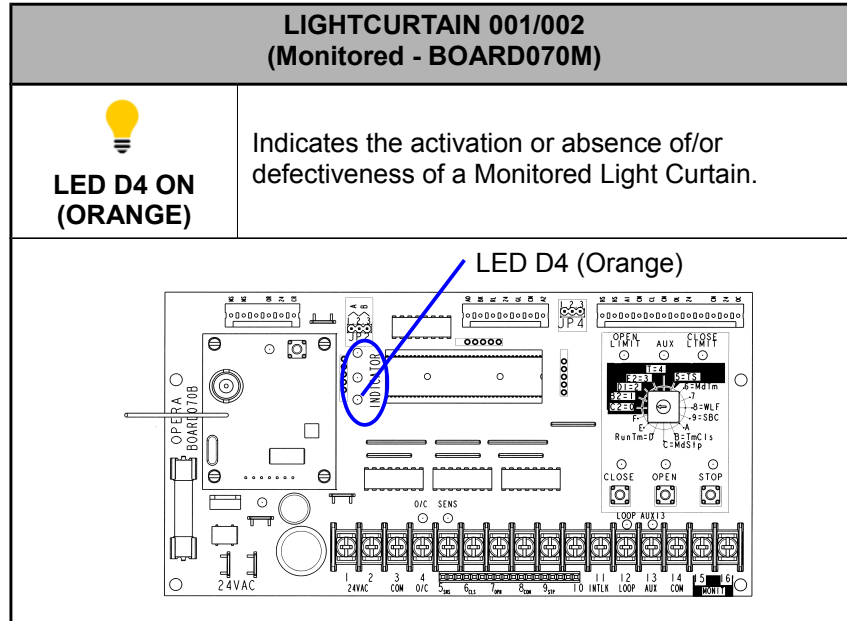
Figure 1 - Connection of LIGHTCURTAIN with BOARD070M Operator

CAUTION





- After installation, check the Light Curtain and wiring to make sure the sensing circuit is working properly and connections are secure.
- Light Curtains must be examined periodically (at least once per month) for any signs of damage, cuts, punctures, loss of sensitivity, or water damage.

Trouble Shooting Tips - On-Board LED Monitoring Status

The electronic control board's LEDs help with wiring and troubleshooting diagnostics. Every LED indicates the status of the door. The electronic control board has a non-volatile memory and the LEDs return to their initial state after a power interruption.



Trouble Shooting Tips

LED Color & Status	Unit	Diagnosis	Cause / Solution
 GREEN ON	RX / TX	Power	➔ Normal Operation.
 GREEN OFF	RX / TX	No Power	➔ Check the wire connections between the Operator and the Light Curtain.
 RED OFF	RX	Light Curtain is NOT Active	➔ Normal operation.
 RED ON	RX	Light Curtain IS Active, Fault	➔ Light Curtain has been activated, obstructed or is misaligned.

For further information, please consult the operator's Installation & Instruction Manual or contact our Technical Support Department at **1-800-361-2260**.

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