SYLVANIA **LED**VANCE
Luminaires Installation Guide
Vapor Tight

The Vapor Tight luminaires are environmentally preferable LED alternatives to traditional fluorescent luminaires. Ideal in place of traditional luminaires, or as new installations, the Vapor Tight series is suitable for illuminating garages, stairwells, industrial areas, canopies, and outdoor walkways.

For warranty coverage, **please register at www.sylvania.com/warrantyregistration.**

⚠WARNING

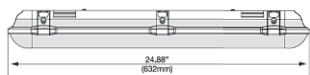#### PLEASE READ ALL INSTRUCTIONS BEFORE ATTEMPTING INSTALLATION

- TO PREVENT PERSONAL INJURY OR PRODUCT DAMAGE ONLY LICENSED ELECTRICIANS SHOULD PROVIDE ALL INSTALLATION SERVICES.
- TO AVOID ELECTRIC SHOCK OR COMPONENT DAMAGE DISCONNECT POWER BEFORE ATTEMPTING INSTALLATION OR SERVICING.
- THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NEC) AND ALL APPLICABLE FEDERAL, STATE AND LOCAL ELECTRIC CODES AND SAFETY STANDARDS.
- USE CAUTION WHEN HANDLING THIS PRODUCT DURING OR AFTER OPERATION AS IT MAY BECOME HOT AND CAUSE BURNS. DISCONNECT PRODUCT AND ALLOW COOLING PRIOR TO SERVICING.
- ANY ALTERATION OR MODIFICATION OF THIS PRODUCT IS EXPRESSLY FORBIDDEN AS IT MAY CAUSE SERIOUS PERSONAL INJURY, DEATH, PROPERTY DAMAGE AND/OR PRODUCT MALFUNCTION.
- TO PREVENT PRODUCT MALFUNCTION AND / OR ELECTRICAL SHOCK THIS PRODUCT MUST BE PROPERLY GROUNDED.
- SUITABLE FOR MOUNTING WITHIN 4 FEET (1.2 METERS) OF THE GROUND.
- THIS LUMINAIRE IS DESIGNED TO OPERATE IN AMBIENT TEMPERATURES RANGING FROM -40°F TO +104°F (-40°C TO +40°C) EMERGENCY BACK UP +14°F TO +104°F (-10°C TO +40°C).
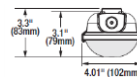
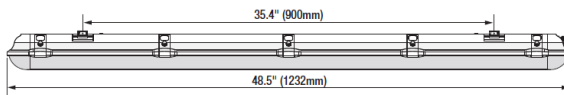**SYLVANIA**

SAFETY PRECAUTIONS:

IMPORTANT: READ CAREFULLY BEFORE INSTALLING THE FIXTURE. RETAIN FOR FUTURE REFERENCE.
GENERAL: Upon receipt of the fixture, thoroughly inspect for any freight damage which should be brought to the attention of the delivery carrier.

2 ft

24,88" (632mm)

4 ft

35.4" (900mm)

48.5" (1232mm)

3.3" (83mm) 3.1" (79mm)

4.01" (102mm)

INSTALLATION:

1. Open the latches and remove lens. (See Fig. 1)
2. Pinch brackets together on both ends of the LED board and using finger hole, remove the LED board. (See Fig. 2) Allow LED board to hang from plastic hanging cables.
3. **For Emergency Backup**: Always attach the emergency battery to the battery connector before installation see Emergency wiring diagrams below for more information.
   Emergency test button: located on face of luminaire, when pressed if emergency system is working properly luminaire will illuminate a single row of LEDs.
4. **For Surface Mount:** Remove two mounting brackets and screws from hardware bag (provided in housing) and attach to mounting surface. (Measure 35.4" center to center). Push housing into mounting brackets until luminaire is secure. (See Fig. 3)
   For Chain or Cable Mount: Push housing into mounting brackets. Add triangle bracket (provided in housing) to mounting brackets and attach chain or cable (provided by others). (See Fig. 4)
5. Remove the waterproof connector from hardware bag and install in conduit opening pulling wires through connector. (See Fig. 5)
   For through wiring: Use knock out on other end of luminaire and add waterproof connector (provided by others).
6. Connect the incoming electrical wires to the terminal block; black to black (hot), white to white (neutral),and green to green (ground). (See Wiring Diagram)
7. Replace LED board.
8. Replace lens and close the 10 latches.
9. Installation is now complete. Turn on the power at circuit breaker or fuse box then turn the light switch to power the fixture.
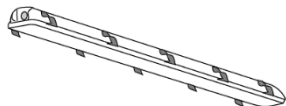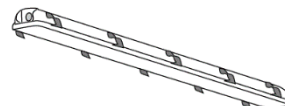
Figure 1

Figure 2

Figure 3

Figure 4

Figure 5

CONNECT TO AC POWER

BLACK LINE	BLACK LINE
WHITE NEUTRAL	WHITE NEUTRAL
GREEN GND	GREEN GND

Wiring Diagram

WHITE NEUTRAL	WHITE NEUTRAL WHITE
	NEUTRAL GREEN
GREEN GND	GND
BLACK LINE	BLACK LINE
	BLACK LINE TO EM

Emergency Wiring Diagram (Unswitched)

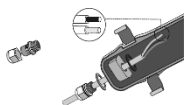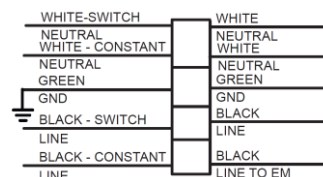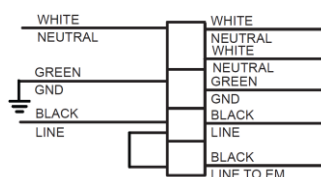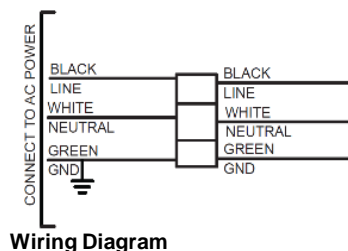|	
WHITE-SWITCH NEUTRAL WHITE - CONSTANT	WHITE NEUTRAL WHITE
NEUTRAL GREEN	NEUTRAL GREEN
GND BLACK - SWITCH	GND BLACK
LINE BLACK - CONSTANT LINE	LINE BLACK LINE TO EM

Emergency Wiring Diagram (Switched)

SYLVANIA

CHANGING THE SENSOR SETTINGS:

1. Use infrared remote to change the sensor settings. (See Fig. 1A)
2. Sensor will automatically start in Auto Mode. Press "On" to start the manual programming mode.
   (Please note: After "On" is pressed and no settings are set, "Auto" mode will resume after 20 minutes.)
   Default Settings:
3. To select the default mode, press the "Reset" button. If one setting must be changed in the default mode,
   then select the desired setting, press button and wait for the sensor to flash 3 times and turn off.
   Sensitivity: 100%
   Stand-by time: 5 minutes
   Lux: 50LUX
   Dimming level: 30%
   Dimming time: 60 min
4. Turn fixture on and settings will remain saved until changed.
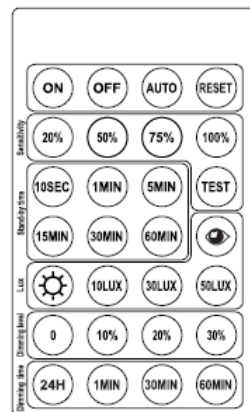   **For Sensor 1A Remotes**: Repeat steps for each luminaire
   For Sensor 1B Remote: Hit "M" to record settings for future luminaires for on touch programming.
   To change Default Settings please refer to document LEDLUM015
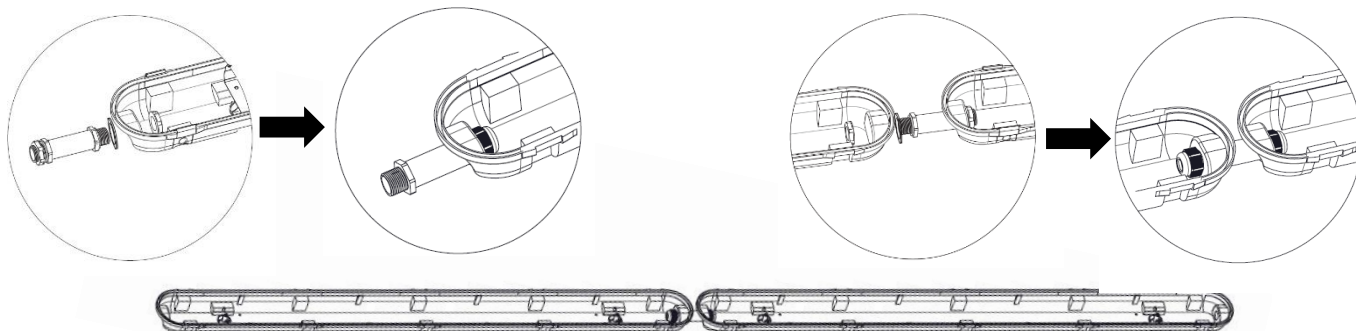   With power failure, fixture will remain with latest settings
   Remote cannot store settings except for default ("Reset Button")
   CR205 battery included

ADDING WIRING CONNECTOR:

1. After step 2, remove the dome nut from one side of the 8ft connector. (See Fig. 6)
2. Push the connector through desired knock out on Vapor Tight. Place the dome nut on the inside of Vapor Tight securing the connector. (See Fig. 6)
3. Repeat this step for the other side. (See Fig. 7 and 8)
4. Continue with step 3 on page 2, to install the Vapor Tight

CLEANING AND MAINTENANCE
• To maintain the fixture efficacy occasional cleaning of the outer lens surface may be needed.
• Use a mild soap or detergent, which is essentially neutral pH (pH approximately 6 to 8), nonabrasive, and which contains no chlorinated or aromatic hydrocarbons.
• Wash thoroughly, using a soft cloth.
• Rinse with clean, cold water and wipe dry.

WARNING
Risk of electric shock
Disconnect power before servicing

TROUBLE SHOOTING CHECKLIST: If luminaire does not work

– Check your power source.
– Check electrical connections.

E20986