# STANPRO

*Individual Spec Sheet*

# L2TRV

## TRI-LEVEL MOTION SENSOR LED STRIP
## 3 CCT and 3 Power Selectable

## ORDERING INFORMATION

| | |
|---|---|
| **Order code:** | 69402 |
| **Model number:** | L2TRV-48LP45-Q/3C |
| **UPC:** | 069549027107 |
| **Case quantity:** | 6 |
| **DLC unique ID:** | S-G2XBDR (DLC Premium) / S-8N2EWH (DLC Standard) |

## PHYSICAL DATA

| | |
|---|---|
| **Length in. (cm):** | 47 3/8 (120.34) |
| **Lens material:** | Frosted PMMA |
| **Housing material:** | 24 gauge white powder painted steel |
| **Mounting:** | Surface, suspended or row mounted (V-Hooks and junction box cover included) |
| **Sensor:** | Integrated tri-level microwave (high frequency) motion sensor |

## PERFORMANCE DATA

| | |
|---|---|
| **Watts (W):** | 34/38/45 |
| **Volts (V AC):** | 120-347 |
| **Color temperature (K)[1]:** | 3 500/4 000/5 000 |
| **Lumen output (lm)[2]:** | 5 270/5 776/6 660 |
| **Efficacy (lm/W):** | 138 |
| **CRI:** | 80+ |
| **Life L70 (h)[3]:** | 156 000 |
| **Tested LM-80 (h)[3]:** | 10 000 |
| **Power factor:** | 0.90 |
| **THD (%):** | 10 |
| **Frequency (Hz):** | 50/60 |
| **Surge protection (kV):** | 2.5 |
| **Input current (A):** | 0.28-0.10/0.32-0.11/0.38-0.13 |
| **Operating temp. range:** | -20°C to 50°C (-4°F to 122°F) |

[1] Typical color temperature range: +/- 5 %.
[2] Lumen values are based on 4 000 K default programming. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.
[3] Life hours are derived from IESNA LM80-08 testing report and projected per IESNA TM-21-11 extrapolations.

## LUMEN SPECIFICATION TABLE

| Watts (W) | 3 500 K | | 4 000 K | | 5 000 K | |
|---|---|---|---|---|---|---|
| | Lumen output (lm) | Efficacy (lm/W) | Lumen output (lm) | Efficacy (lm/W) | Lumen output (lm) | Efficacy (lm/W) |
| 34 | 4 930 | 145 | 5 270 | 155 | 4 998 | 147 |
| 38 | 5 396 | 142 | 5 776 | 152 | 5 472 | 144 |
| 45 | 6 210 | 138 | 6 660 | 148 | 6 300 | 140 |

**DEFAULT PROGRAMMING**
45W / 4 000 K

**3** *CCT TCC*
3 500/4 000/5 000 K

**W** *power selectable*

**5** *yrs* **warranty**

*quick ship*

**LED** *fixture*

*damp location*

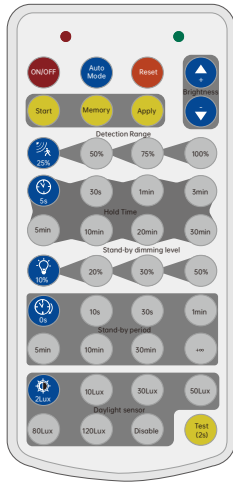**ICES 005**

c**UL**us

**FC**

**DLC LISTED PREMIUM**

**DLC LISTED**

Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/search.

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## SENSOR PROGRAMMING AND SETTINGS OPTIONS

NOTE: A remote control (sold separately - order code: 69399) is required to modify sensor programming.
A single remote control can be used to program multiple sensors.

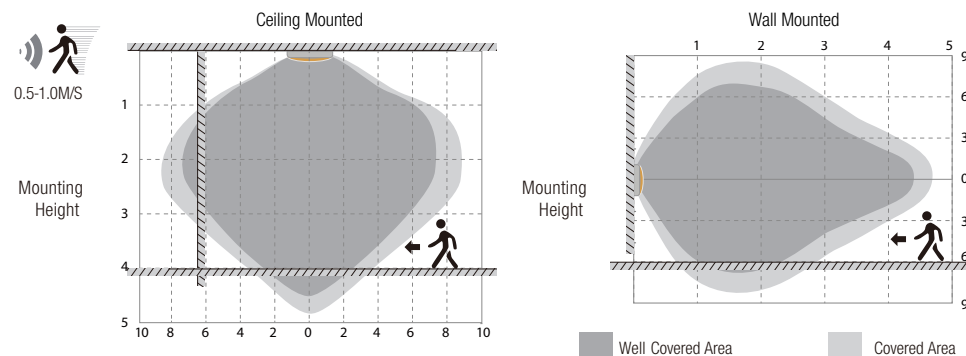| Button | Function | Details |
|---|---|---|
| ON/OFF | ON/OFF | 1. The "ON/OFF" button functions only to turn the luminaire ON or OFF.<br>2. If this button is pressed to turn off the luminaire before a short-circuit, the luminaire will remain turned off once the power is restored. |
| Auto Mode | Auto Mode | When the "Auto Mode" button is pressed, the sensor starts to work and all sensor settings will remain the same as before the luminaire was turned ON/OFF. |
| Reset | Reset | When the "Reset" button is pressed, the sensor settings will return to the factory default settings:<br>Brightness: 100% / Detection Area: 100% / Hold Time: 5 sec. / Standby Period: Disable / Daylight Threshold: Disable |
| | Detection Area | The defined area in which movement will trigger the motion sensor.<br>**Options: 25% / 50% / 75% / 100%** |
| | Hold Time | The time period the luminaire remains at 100% illumination after no motion is detected.<br>**Options: 5 sec. / 30 sec. / 1 min. / 3 min. / 5 min. / 10 min. / 20 min. / 30 min.** |
| | Standby Dimming Level | The level of dimmed low light output after the Hold Time in the long absence of motion.<br>**Options: 10% / 20% / 30% / 50%** |
| | Standby Period | The time period the luminaire remains at a low light output level before it completely switches off in the long absence of motion. When set to "Disable" mode, the low light is maintained until motion is detected (Bi-Level).<br>Note: "0 sec." means ON/OFF control.<br>"+∞" means Bi-Level dimming control; the luminaire never turns off.<br><br>**Options: 0 sec. / 10 sec. / 30 sec. / 1 min. / 5 min. / 10 min. / 30 min. / +∞ (Disable)** |
| | Daylight Threshold | The sensor will function whenever the ambient lux level is lower than the selected lux value. When set to "Disable" mode, the sensor will continously function regardless of the ambient lux level.<br>**Options: 2 lux / 10 lux / 30 lux / 50 lux / 80 lux / 120 lux / Disable** |
| Test (2s) | Test Mode | The button "Test (2s)" is used for testing purposes after sensor programming. When the button is pressed, the sensor enters into "Test Mode" and the luminaire will remain ON for 2 seconds. |

## SENSOR DEFAULT PROGRAMMING

| | |
|---|---|
| Detection Area | 100% |
| Hold Time | 10 min. |
| Standby Dimming Level | 50% |
| Standby Period | 10 min. |
| Daylight Threshold | Disable |

## SENSOR MOUNTING AND DETECTION PATTERN

| | |
|---|---|
| Mounting Height | 14.76 ft (4.5 m) max. |
| Detection Range | 9.84 - 22.96 ft (3 - 7 m) |
| Detection Angle - Ceiling Mounted | 360 ° |
| Detection Angle - Wall Mounted | 150 ° |

## SENSOR DETECTION COVERAGE

0.5-1.0M/S

Ceiling Mounted

Wall Mounted

Mounting Height

Mounting Height

Well Covered Area          Covered Area

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.

## SENSOR DAISY CHAIN FUNCTION

The L2TRV series can be daisy chained together with L2STR series luminaires. The integrated microwave motion sensor in the L2TRV will also control the L2STR luminaires. They can either be installed in a continuous row or can be placed up to 2 m apart from one another. Refer to the installation guide for proper wiring instructions.
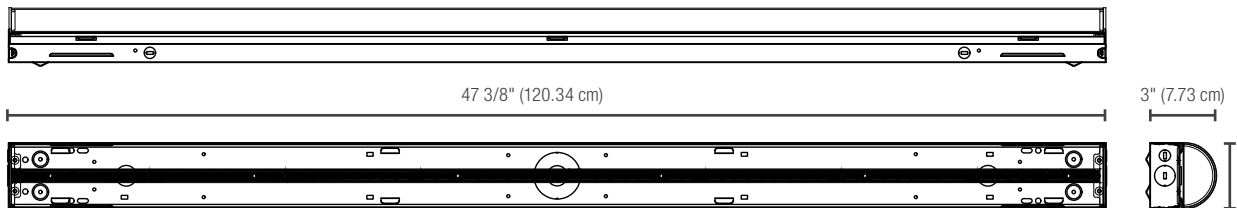
*Recommended luminaire pairings:*

| L2TRV Series | | L2STR Series | | Daisy Chain Maximum |
|---|---|---|---|---|
| Order code | Model number | Order code | Model number | |
| **69402** | L2TRV-48LP45-Q/3C | **69392** | L2STR-48LP45-Q/3C | 10 Luminaires (1 L2TRV + 9 L2STR) |

## ACCESSORIES (order separately)

| Order code | Type |
|---|---|
| 68676 | Suspension kit - 2 chains (1 m) |
| 69082 | 10' Aviation cable kit with canopy, power cord & dimming wires |
| 69405 | Continuous row mounting connector |
| 69413 | Wire guard kit 48" |
| 69399 | Remote control for motion sensor |
| 69398 | Transparent end caps (set of 2) |
| 69396 | Replacement lens 48" |

## DIMENSIONS AND WEIGHT



47 3/8" (120.34 cm)          3" (7.73 cm)

| Net weight (lbs) | 4.4 |
|---|---|

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