

Project : \_\_\_\_\_ Type : \_\_\_\_\_  
 Drawn by : \_\_\_\_\_ Catalogue # : \_\_\_\_\_ Date : \_\_\_\_\_

## Individual Spec Sheet

# L2STX

## SMART LED STRIP

Integrated Bluetooth® Mesh Technology & PIR Motion Sensor

### ORDERING INFORMATION

**Order code:** 69544  
**Model number:** L2STX-48LP45-Q/TW-BTS  
**UPC:** 069549027558  
**Case quantity:** 6  
**DLC unique ID:** S-11HQFC<sup>1</sup> (DLC Premium) / S-0YUZ4C<sup>2</sup> & S-9QLKRP<sup>3</sup> (DLC Standard)

### PHYSICAL DATA

**Length in. (cm):** 47 3/8 (120.34)  
**Lens material:** Frosted PMMA  
**Housing material:** 24 gauge semi-gloss white powder painted steel  
**Mounting:** Surface, suspended or row mounted (V-Hooks and Junction Box Cover included)  
**Sensor:** Integrated PIR motion sensor

### PERFORMANCE DATA

**Watts:** Power Selectable Up to 45 W  
**Volts (V AC):** 120-347  
**Color temperature<sup>1</sup>:** Tunable White - 3 000 K to 5 000 K  
**Lumen output (lm)<sup>2</sup>:** 5 985  
**Efficacy (lm/W):** 133  
**CRI:** 80+  
**Life L70 (hrs)<sup>3</sup>:** 156 000  
**Tested LM-80 (hrs)<sup>3</sup>:** 10 000  
**Dimming:** Wireless Bluetooth® Dimming (1 % - 100 %)  
**Power factor:** 0.90  
**THD (%):** 10  
**Frequency (Hz):** 50/60  
**Surge protection (kV):** 2.5  
**Input current (A):** 0.375-0.13  
**Operating temp. range:** -20 °C to 50 °C (-4 °F to 122 °F)

<sup>1</sup> Typical color temperature range: +/- 5 %.

<sup>2</sup> Lumen values are derived from DLC reported data at 5 000 K. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.

<sup>3</sup> Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations.

### LUMEN SPECIFICATION TABLE

Watts (W)	3 000 K		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)	Lumen output (lm)	Efficacy (lm/W)
45	5 850	130	5 895	131	5 940	132	5 985	133

#### DEFAULT PROGRAMMING

45 W / 5 000 K

This lighting equipment meets requirements of ICES-005 issue 5 class A for use in commercial applications.  
 Data is based upon tests performed in a controlled environment.  
 Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.



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](http://www.designlights.org/search).

<sup>1</sup> Stairwell And Passageway Luminaires

<sup>2</sup> Direct Linear Ambient Luminaires

<sup>3</sup> Low-Bay Luminaires for Commercial and Industrial Buildings

## ACCESSORIES (order separately)

Order code	Type
68676	Suspension kit - 2 chains (1 m)
70218	10' Complete aircraft cable kit with 5-wire power feed and 2 canopies
70282	10' Single side aircraft cable with canopy (non-power feed)
69405	Continuous row mounting connector
69413	Wire guard kit 48"
69624	Replacement lens 48" (with sensor)

<sup>1</sup> When installed on the luminaires with integrated PIR motion sensor, the wire guard will reduce the sensor sensitivity.

## INCLUDED IN THE BOX

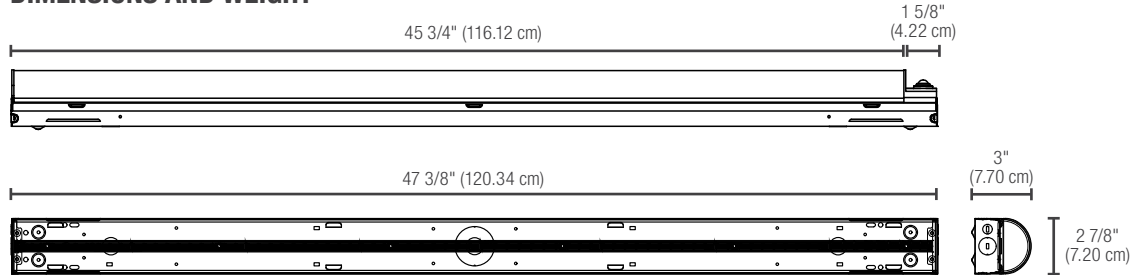


V-Hooks



Junction Box Cover

## DIMENSIONS AND WEIGHT



Net weight (lbs)	4.4
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## SENSOR SETTINGS OPTIONS<sup>1</sup>

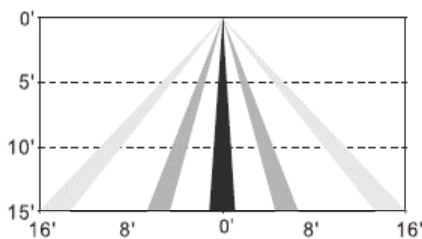
Parameter	Settings Options
1st Time Delay	1 min - 59 min, ∞
2nd Time Delay	1 min - 59 min, ∞
Dim Level	1 % - 100 %

<sup>1</sup> For detailed sensor programming and settings information, please refer to the Genio App Instruction Guide.

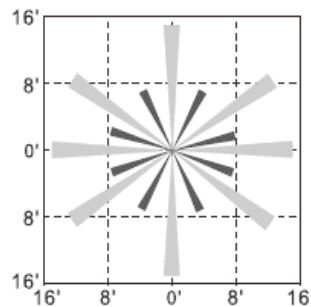
## SENSOR MOUNTING AND DETECTION RANGE

Mounting Height	15 ft (4.6 m) Max
Detection Range	32 ft (9.75 m) Max

SIDE VIEW



TOP VIEW

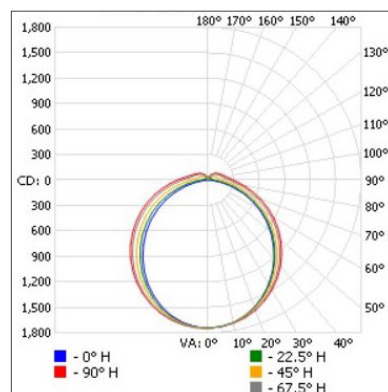


Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice. Please contact your Stanpro customer service representative to confirm inventory levels at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

# PHOTOMETRIC DATA<sup>1</sup>

69544 • L2STX-48LP45-Q/TW-BTS • 45 W • 4 000 K • 5 934.9 lm

## Polar candela distribution



## Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1 351.8	22.8
0-40	2 214.1	37.3
0-60	3 957.0	66.7
60-90	1 433.1	24.1
70-100	906.7	15.3
90-120	368.4	6.2
0-90	5 390.1	90.8
90-180	544.8	9.2
0-180	5 934.9	100

## Illuminance at a distance

Center beam fc		Beam width	
1.7'	604	4.6'	6.6'
3.3'	160	8.9'	12.8'
5.0'	69.8	13.4'	19.4'
6.7'	38.9	18.0'	26.0'
8.3'	25.3	22.3'	32.2'
10.0'	17.5	26.8'	38.8'

Vert. spread: 106.6°  
Horiz. spread: 125.4°

<sup>1</sup> Complete IES files available on our website.

Qty	Description	Price

I accept the specifications of the luminaire configuration mentioned above.

Name: \_\_\_\_\_

Company: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

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## GENIO CONTROL SYSTEM FEATURES

Genio is Stanpro's smart brand of lighting and emergency lighting. Integrating the latest in Bluetooth® Mesh technology, Genio products allow for customizable features that can be adjusted at your fingertips using a smartphone or other compatible devices. This system is easy to use, versatile and futureproof! Please see below for some of the key features<sup>1</sup> of the Genio control system:



### LIGHTS

Instantly control the color temperature, wattage, lumen output and dimming.



### GROUPS

Easily group luminaires together and control them as a single unit.



### SCENES

Customize your lighting through scenes and create different atmospheres for occasions and activities.



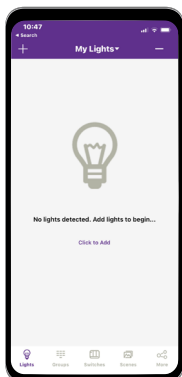
### SCHEDULES

Set schedules to specify dates, times and recurrence patterns for changing the settings of your lighting.



### SENSOR

Adjust the integrated PIR motion sensor and daylight harvesting settings.



### Lights

- Add
- Name or Rename
- Dimming and Color Tuning
- Delete
- Sensor Settings



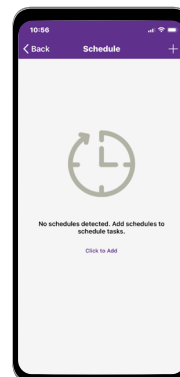
### Groups

- Create
- Rename
- Delete
- Add or Remove Lights
- Adjust Group Linkage Level
- Turn On/Off
- Adjust Group Dimming
- Activate Auto Mode



### Scenes

- Create
- Edit
- Delete



### Schedules

- Creating
- Associate a Schedule To Lights, Groups, or Scenes
- Set a Repeating
- Set Fade Time
- Delete
- Enable Or Disable



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Instruction Guide

<sup>1</sup> Please note that the features mentioned are part of a broader range of characteristics relating to the Genio Ecosystem and may not be applicable to this specific product. Customers are advised to review the product specifications carefully to understand their capabilities.

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