PREMISE

| | |
|---|---|
| Catalog # | |
| Project | |
| Date | |
| Prepared by | |
| Model # | LS2-239-4 |

# LS2-SERIES
# 23" LINEAR STRIP

Dimmable

c UL us LISTED

5YEAR WARRANTY

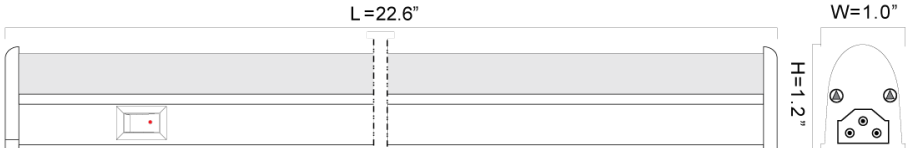
## OVERVIEW

The LS2-Series Linear Strip is a dimmable, low profile solution for any cove or undercabinet project. Available in a variety of lengths with the ability to connect up to 10 strips on one pass, they are the most versatile way to give your project a custom look.

## PRODUCT HIGHLIGHTS

- Up to 450 lumen per foot
- Integrated ON/OFF toggle switch on the strip
- Direct AC 120V Input
- T5 shape for retrofit applications
- Polycarbonate lens cover
- High strength aluminum for durability and optimum heat dissipation
- Available in 9", 14", 23" 35" and 47" lengths

| OPTICAL SPECIFICATIONS | | | |
|---|---|---|---|
| **Lumen Output (lm) [1]** | 750 lm | **Efficacy (lm/W) [1]** | >70 lm/W |
| **CCT (K) [1]** | 4000K | **Beam Angle (°) [1]** | 160° |
| **CRI (Ra) [1]** | >80 | **Projected Lifetime ($L_{70}$)** | >30,000 hrs |
| **ELECTRICAL SPECIFICATIONS** | | | |
| **Power** | 10W | **Input Voltage [2]** | 100-120VAC |
| **Apparent Power (VA)** | 10.7VA | **Current Draw at 120$V_{AC}$ (A) [2]** | 100mA |
| **System Wattage (W)** | 10W | | |
| **PRODUCT DIMENSIONS** | | | |



## LED & DRIVER SPECIFICATIONS

| | | | |
|---|---|---|---|
| **LED Design Origin** | China | **Power Factor** | >0.9 |
| **LED Type** | SMD 2835 | **THD** | <20% |
| **Dimmable** [3] | Yes (Triac or Single Phase) | | |

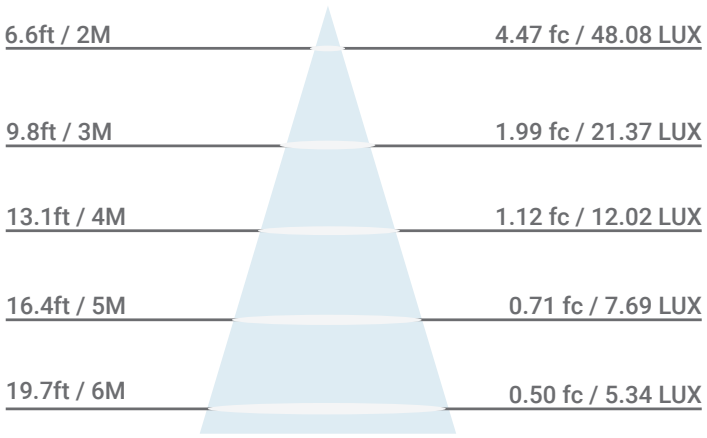
## CONSTRUCTION

| | |
|---|---|
| **Housing Material** | Aluminum |
| **Housing Color** | White |
| **Lens Material** | Polycarbonate |
| **Dimensions (inch/mm)** | 22.6" x 1" x 1.2"<br>(575mm x 25mm x 30mm) |
| **Weight (kg/lbs)** | 250g / 9 oz |
| **Installation Method** | Bracket Mount (included)<br>Double-ended connector (included)<br><br>Must also use (not included):<br>Junction Box (LS2-JBx) or<br>Power Cord (LS2-PC6)<br>to connect to electrical source |
| **Operation Range (°C/°F)** | -4°F to 104°F<br>-20°C to 40°C |
| **Warranty** [4] | 5 Years |

## APPROVALS & LISTINGS

| | |
|---|---|
| **UL/ETL Listed** | cULus |
| **UL/ETL File Number** | E498668 |

## ILLUMINANCE AT A DISTANCE




## OPTIONAL ACCESSORIES

| | | | |
|---|---|---|---|
| **LS2-PC6** | 72" AC Power Cord for LS2 | **LS2-JB** | Junction Box for LS2, 120VAC |
| **LS2-CON12** | 12" Interconnecting Wire for LS2 | **LS2-JBS** | Junction Box with Switch for LS2, 120VAC |
| **LS2-CON36** | 36" Interconnecting Wire for LS2 | | |

1. Due to the special conditions of manufacturing, the typical data of optical specifications can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical data.
2. Exceeding maximum ratings for input voltage and current will cause hazardous overload and will likely destroy the LED fixture.
3. Refer to the list of recommended dimmers for details.
4. Refer to Warranty Terms & Conditions available at premiseled.com/warranty