# ST-150 Recessed LED Luminaire

**CORE** LIGHTING

## SPECIFICATION SHEET

**ST-150** is a 5W, 24V outdoor luminaire intended for use as stair and wall lights. Illuminate paths and walkways or mount these onto walls to shine down on surface or floor. IP67 outdoor rated to withstand all weather conditions. Ideal for residential and commercial applications.

### FEATURES

- Recessed applications
- Up to 124 lumens
- Superior Color Rendering Index (90+ CRI)
- Die-cast powder coated aluminum
- Small form factor
- IP67 outdoor rated
- Great dimming performance
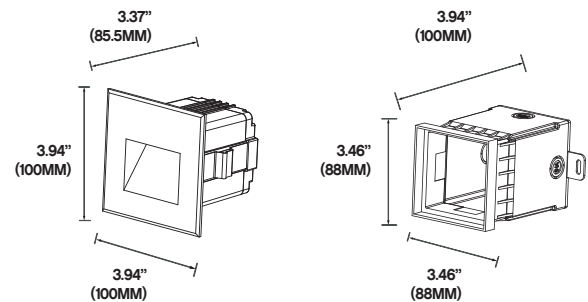- Dimmable with most TRIAC, MLV and ELV dimmers

### SPECIFICATIONS

| | |
|---|---|
| INPUT VOLTAGE | 24V DC |
| POWER CONSUMPTION | 5W |
| LUMEN OUTPUT | Warm White (30K) = 112.9 lumens |
| | Cool White (40K) = 124.6 lumens |
| BEAM ANGLE | 120º |
| CCT | 3000K, 4000K |
| CRI | 90+ |
| DIMMING | TRIAC, MLV, and ELV |
| OPERATING TEMPERATURE | -20ºC ~ 40ºC |
| LED | OSRAM LED |
| MOUNTING | Recessed |
| LUMEN MAINTENANCE | 50,000 hrs. |
| IP RATING | IP65 outdoor |
| FINISH OPTIONS | White, Black, Silver, Bronze and Graphite |
| CERTIFICATIONS | RoHS, ETL |

### FINISH OPTIONS

WHITE   BLACK   SILVER   BRONZE   GRAPHITE

### DIMENSIONS



3.37" (85.5MM)
3.94" (100MM)
3.94" (100MM)
3.46" (88MM)
3.94" (100MM)
3.46" (88MM)

5W | 124 lumens | 90+ CRI | OUTDOOR | WET rated | 50,000 HOURS | DIMMABLE

### ORDERING GUIDE    EX: ST150-30K-BK-24

| ST-150 | | | |
|---|---|---|---|
| MODEL | COLOR TEMP | FINISH | VOLTAGE |
| | **30K** - 3000K<br>**40K** - 4000K | **WH** - WHITE<br>**BK** - BLACK<br>**SI** - SILVER<br>**BZ** - BRONZE<br>**GH** - GRAPHITE | **24** - 24V DC |

## COMPATIBLE DIMMABLE TRANSFORMERS

### MAGNETIC LOW VOLTAGE (MLV)

INDOOR | OUTDOOR | ETL c us

| PSDM SERIES | | CLASS 2 | L X W X H |
|---|---|---|---|
| | PSDM-20W-12V | YES | 5.6" X 2" X 2.14" |
| | PSDM-40W-12V | YES | 5.6" X 2" X 2.14" |
| | PSDM-60W-12V | YES | 6.5" X 2.3" X 2.5" |
| | PSDM-100W-12V | NO | 9.8" X 3" X 3" |
| | PSDM-150W-12V | NO | 9.8" X 3" X 3" |
| | PSDM-180W-12V-CL2 | YES | 9.8" X 3" X 3" |
| | PSDM-200W-12V | NO | 9.8" X 3" X 3" |
| | PSDM-300W-12V | NO | 9.8" X 4.2" X 3.5" |
| | PSDM-300W-12V-CL2 | YES | 7.0" X 7.0" X 3.2" |
| PSDM SERIES | PSDM-20W-24V | YES | 5.6" X 2" X 2.14" |
| | PSDM-40W-24V | YES | 5.6" X 2" X 2.14" |
| | PSDM-60W-24V | YES | 6.5" X 2.2" X 2.5" |
| | PSDM-100W-24V-CL2 | YES | 6.5" X 2.2" X 2.5" |
| | PSDM-150W-24V | NO | 9.8" X 3" X 3" |
| | PSDM-192W-24V-CL2 | YES | 7.0" X 7.0" X 3.2" |
| | PSDM-200W-24V | NO | 9.8" X 3" X 3" |
| | PSDM-300W-24V | NO | 9.8" X 4.2" X 3.5" |
| | PSDM-288W-24V-CL2 | YES | 7.0" X 7.0" X 3.2" |

\* 277 VERSIONS AVAILABLE, PLEASE CONSULT FACTORY

### HIGH PERFORMANCE MLV

INDOOR | OUTDOOR | UL c us LISTED

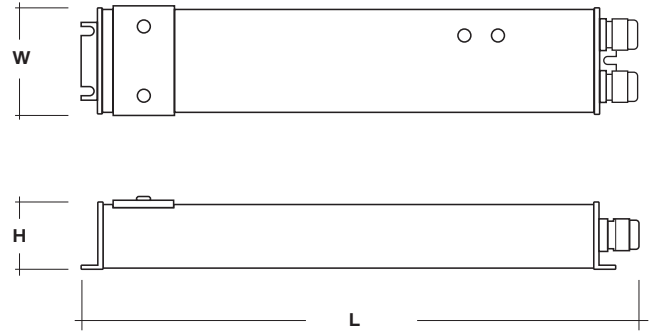| PSDH SERIES | | CLASS 2 | L X W X H |
|---|---|---|---|
| | PSDH-48W-24V | YES | 11.25" X 3.37" X 3.25" |
| | PSDH-96W-24V | YES | 11.25" X 3.37" X 3.25" |
| | PSDH-288W-24V | YES | 14.25" X 8.43" X 4.43" |

\* 277 VERSIONS AVAILABLE, PLEASE CONSULT FACTORY

### TRIAC DIMMING ELECTRONIC

INDOOR | OUTDOOR | ETL c us

| PSDT SERIES | | CLASS 2 | L X W X H |
|---|---|---|---|
| | PSDT-20W-12V | YES | 6.1" X 2.12" X 0.79" |
| | PSDT-20W-24V | YES | 6.1" X 2.12" X 0.79" |
| | PSDT-40W-12V | YES | 7.0" X 2.4" X 0.95" |
| | PSDT-40W-24V | YES | 7.0" X 2.4" X 0.95" |
| | PSDT-60W-12V | YES | 7.1" X 2.36" X 1.38" |
| | PSDT-60W-24V | YES | 7.1" X 2.36" X 1.38" |
| | PSDT-96W-24V-JB | YES | 9.06" X 2.76" X 1.82" |
| | PSDT-120W-12V-JB | NO | 8.92" X 3.0" X 1.85" |
| | PSDT-150W-24V-JB | NO | 8.92" X 3.0" X 1.85" |
| | PSDT-200W-24V-JB | NO | 8.92" X 3.0" X 1.85" |

## COMPATIBLE DIMMABLE TRANSFORMERS

### 0-10 DIMMING WITH JUNCTI0N BOX

INDOOR OUTDOOR cULus LISTED

|  | CLASS 2 | L X W X H |
|---|---|---|
| **PSDE SERIES** | PSDE-100W-24V-010-JB | YES | 12.32" X 1.77" X 1.67" |



### LUTRON 1% DIMMING

INDOOR OUTDOOR cULus LISTED

|  |  | CLASS 2 | L X W X H |
|---|---|---|---|
| **2-WIRE** | LTEA4U1UKL-CV240 | YES | 4.0" X 1.5" X 4.0" |
| **3-WIRE** | L3DA4U1UKL-CV240 | YES | 4.0" X 1.5" X 4.0" |



### LUTRON .1% DIMMING

INDOOR OUTDOOR cULus LISTED
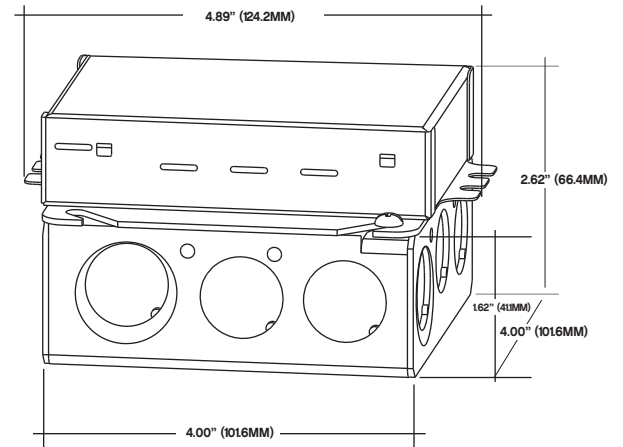
|  |  | CLASS 2 | L X W X H |
|---|---|---|---|
| **PSDE SERIES** | PSDE-96W-24V-ECO | YES | 10.5" X 3.0" X 2.0" |