

# PORT LED UPLIGHT OR STEP LIGHT COMPONENTS - INDOOR/OUTDOOR

REV.09.09.16



PORT-HD-SQ-ST-SA



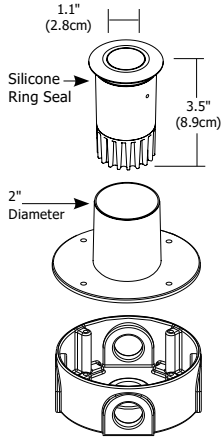
PORT-HD-RD-ST-SA



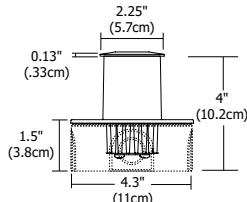
PORT-JC



SC-WO



Wet location Round Junction Box Supplied by Electrician



Indoor Octagon Junction Box Supplied by Electrician

## Description:

Slim and recessed, with an integral 12VAC 3.5 watt, high powered, warm white LED, the fixture features a 16 degree precise focus, tempered glass lens with a marine-grade aluminum, round or square, beveled edge trim. The Port LED is outdoor-rated using a wet location electrical box or indoor using a standard octagon electrical box. The trim accepts dichroic color filters, which are used with PORT-LL(H). Compatible remote power supplies are TE-60L-12, T-150-12 or T-300-12. Order junction box cover, wood spring clips and remote transformer separately. Fixture includes 5 year warranty.

## Finish:

Satin Aluminum

## Lamp Specification:

3.51W, 12VAC **LED** 3029K, 80CRI, 95 lumens  
70% lumen maintenance based on 50,000 hours of operation.  
Add a warming filter to bring the color to 2500K

## Power Supply:

Electronic TE-60L-12, Magnetic T-150-12, T-300-12

## Dimming Information:

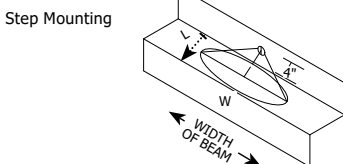
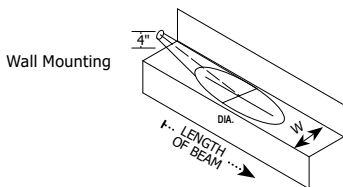
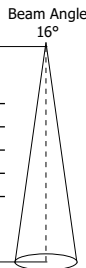
Can dim down to 30% without flickering using low voltage electronic or magnetic dimmer.

## Weight:

1 lb (.45 kg)

D	FC	DIA
24"	328	5"
48"	91	10"
72"	40	14"
96"	22	17"
120"	14	26"
144"	10	28"

PORT FC Reading



D	FC	DIA
3"	36	3"
12"	167	4"
21"	35	8"
30"	14	10"
39"	7	12"
48"	4	13"

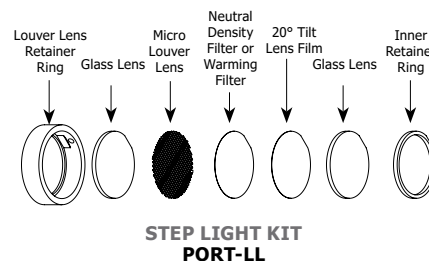
PORT with LF1-20D and Micro Louver

D	FC	DIA
3"	44	7.5"
6"	85	10"
9"	84	10.5"
12"	34	12.5"

PORT with LF1-20D, LF1-LS and Micro Louver

Product	Type	Description	Trim	Finish
<b>PORT</b>	<b>HD</b>	<b>RD</b>	<b>ST</b>	<b>SA</b>
PORT Port	HD Head Only	RD Round SQ Square	ST Surface Trim	SA Satin Aluminum

Product	Type	Product	Type
<b>PORT</b>	<b>JC</b>	<b>SC</b>	<b>WO</b>
PORT Port	JC Junction Cover LL 1" Louver with 20° Beam Tilt Lens, Neutral Density Filter, Linear Spread Lens LLH Louver Lens Holder only	SC Spring Clip	WO Wood



STEP LIGHT KIT  
PORT-LL



PROJECT:

FIXTURE  
TYPE:

DATE:

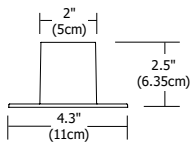
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### Junction Cover

Use indoor with standard octagon electrical box or use outdoor with wet location electrical box.

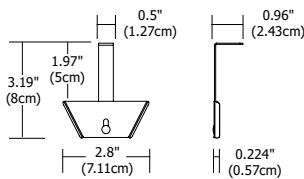
Product	Description
<b>PORT</b>	<b>JC</b>
PORT Port	JC Junction Cover



### Spring Clip

Use the Spring Clip to recess Port into outdoor wood steps, decks, etc. without junction box.

Product	Type
<b>SC</b>	<b>WO</b>
SC Spring Clip	WO Wood



PROJECT:

FIXTURE  
TYPE:

DATE:

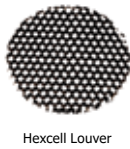
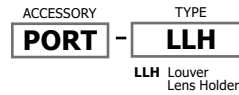


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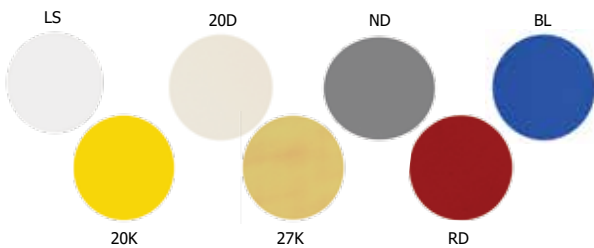
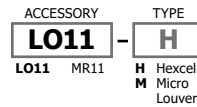
### Port Louver Lens Holder

Louver Lens Holders secure onto front of the lamp holding up two lenses or combination of a hexcell louver and lens. Required for securing louvers, lenses and filters in the Port.



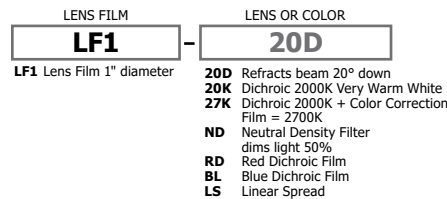
### Hexcell and Micro Louver

The Hexcell Louver eliminates glare from the light beam. The Micro Louver used in step lighting requires both the louver lens holder #PORT-LLH and the 20 degree filter# LF1-20D.



### Film Lenses and Filters

Add film lenses and filters to shape beam, change color or adjust color temperatures. Louver lens holder #PORT-LLH required.



PROJECT:

FIXTURE  
FEATURE  
TYPE

DATE:



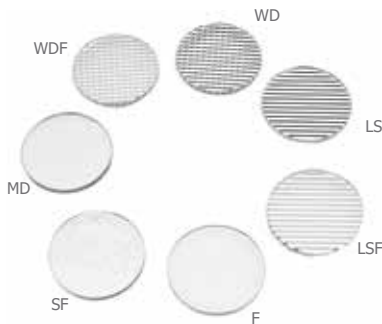
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**Dichroic Glass Lens**

Dichroic lenses operate on a passive-reflective basis, reflecting unused wavelengths while passing wanted portions of spectrum. Dichroics are high in transmission, producing brighter, cleaner, saturated colors. Louver lens holder #PORT-LLH not required.

ACCESSORY LENS		DICHROIC COLOR	
<b>L11</b>		<b>RD</b>	
<b>L11</b>	MR11	<b>RD</b> Red	<b>CW</b> Cool White (3100K-4250K)
		<b>YL</b> Yellow	<b>IN</b> Incandescent (3100-2700K)
		<b>GR</b> Green	
		<b>BL</b> Blue	



**Optical Lens**

The soft focus lens reduces lamp glare, spread lenses elongate and diffuser lenses diffuse the light beam. Louver lens holder #PORT-LLH not required.

ACCESSORY LENS		OPTICAL TYPE	
<b>L11</b>		<b>F</b>	
<b>L11</b>	MR11	<b>F</b> Frost	
		<b>SF</b> Soft Focus	
		<b>MD</b> Medium Diffuser	
		<b>WD</b> Wide Diffuser	
		<b>WDF</b> Wide Diffuser Frost	
		<b>LS</b> Linear Spread	
		<b>LSF</b> Linear Spread Frost	
		<b>UV</b> UV Glass	

PROJECT:

FIXTURE TYPE:

DATE:





### Low Voltage Feed Wire Size Chart

Use to decide the correct copper wire size for a recommended 3 percent voltage drop. The length shown is the length of wire from the transformer to the power feed canopy/J-Box.

12 VOLT	5 ft.	6-15 ft.	16-20 ft.	21-40 ft.
<b>150 watt</b>	#12 GA	#10 GA	#8 GA	#6 GA
<b>300 watt</b>	#10 GA	#8 GA	#6 GA	#4 GA

### Description:

The 150 or 300 watt 12 volt magnetic remote mount transformers convert line voltage into 12 volt power and are protected by fast-acting circuit breakers. All 12 volt remote magnetic transformers are LED compatible with 12 volt AC LEDs.

### Power Input:

#### T-150-12

120 volt AC 1.25 Amp  
230 volt AC 0.65 Amp  
277 volt AC 0.54 Amp

#### T-300-12

120 volt AC 2.5 Amp  
230 volt AC 1.3 Amp  
277 volt AC 1.1 Amp

### Power Output:

**T-150-12** 12 volt AC 150 watt 12.5 Amp

**T-300-12** 12 volt AC 300 watt 25 Amp

### Installation:

Remote magnetic transformers must be installed in an accessible location, such as an attic or in a closet, up to 20 feet from the power feed canopy. Outdoor version available.

### Dimming:

Dims with Lutron Skylark or Diva magnetic low voltage dimmer

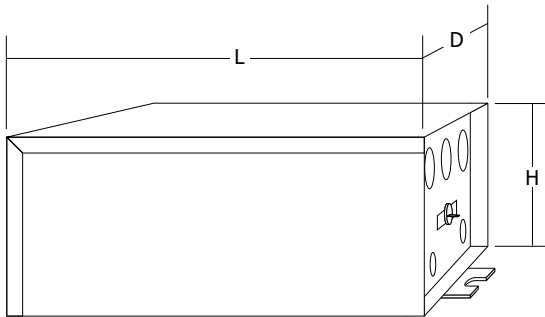
Compatible magnetic dimmers are connected on the line voltage side of transformers. Some buzzing may occur at low levels and may be reduced with a de-buzzing coil. Visit [www.edgelighting.com](http://www.edgelighting.com) for up-to-date LED dimming information.

### Dimensions:

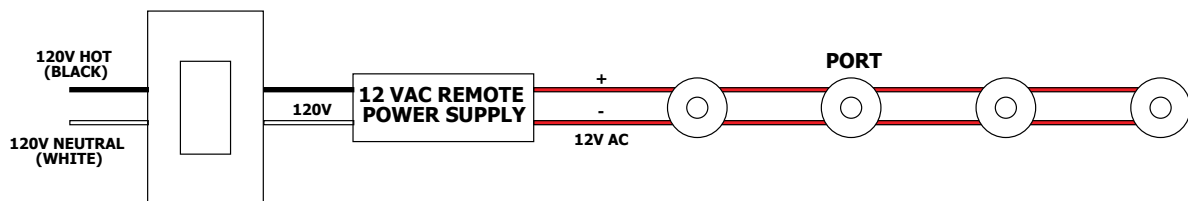
8.75"(L) x 4.4"(D) x 3.8"(H)  
(22.2cm x 11.2cm x 9.7cm)

### Weight:

8.41 lb (3.81 kg)



Product	Power	Voltage Output	Voltage Input	Type
<b>T</b>	<b>150</b>	<b>12</b>	Standard 120V (leave blank)	Standard Indoor (leave blank)
T Remote Transformer	150 150 Watt 300 300 Watt	12 12 Volt	2 230V 50Hz 3 277V 60Hz	o Outdoor



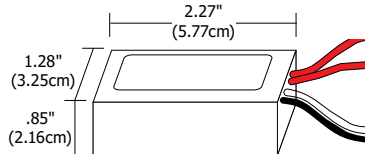
PROJECT:

FIXTURE  
TYPE:

DATE:



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**Description:**

The compact, lightweight remote electronic 60W/12V LED power supply converts standard 120 volt line voltage to 12 volts and features built-in short-circuit protection. In the event of a short or overload, reset transformer at wall switch once short or overload is corrected. The single-feed transformer is both 12 volt AC LED and halogen compatible; it fits inside a 4" electrical box behind a power feed canopy.

**Dimming:**

Dims with Lutron Skylark or Diva electronic low voltage dimmer

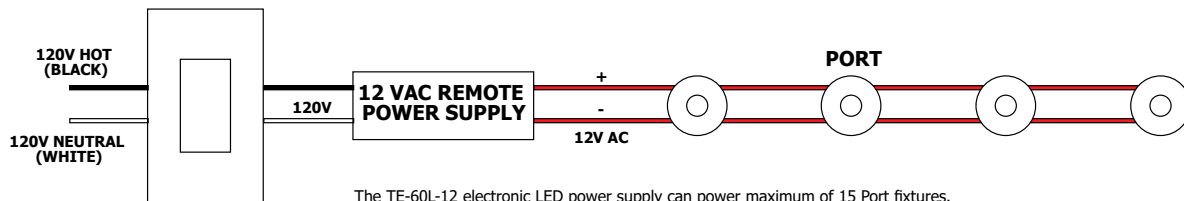
**Mounting Requirements:**

Must be in accessible location or inside an electrical box

**Weight:**

.8 lb (.36 kg)

Product	Type	Voltage
<b>TE</b>	<b>60L</b>	<b>12</b>
TE Transformer Electronic	60L 60 Watt LED and halogen	12 12 Volt, AC



The TE-60L-12 electronic LED power supply can power maximum of 15 Port fixtures.