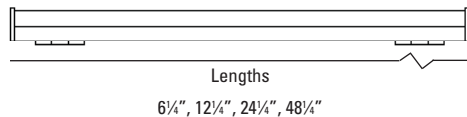


# THE ONE™ Linear LED

## High Output

# LLHW



### LUMINAIRE INFORMATION

**APPLICATION:** Cove lighting, display cases, shelf lighting, refrigeration, inaccessible areas and heat or UV sensitive installations.

**COLOR RENDERING INDEX:**  
85+ Typical CRI

**LISTING:**  
Dry/damp location

**POWER CONSUMPTION:**  
White 5.6W p/FT @ 24VDC

**DIMMING:**  
Dimmable 24V / DC driver for use with low voltage magnetic dimmer (See chart on back for compatible power supply).  
When using a microprocessor based or "smart" dimmer, the dimmer must have a neutral connection.



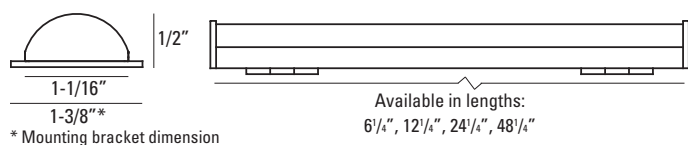
IBEW Union made



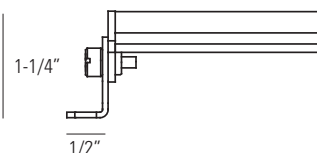
**LUMENS:**  
**2800K:** 38.4 lumens per watt / 312.3 total lumens per foot  
**3000K:** 43.0 lumens per watt / 320.4 total lumens per foot  
**3500K:** 44.2 lumens per watt / 327.3 total lumens per foot  
**4200K:** 45.4 lumens per watt / 334.2 total lumens per foot  
 Consult factory for additional information.

**COLOR TEMPERATURE:**  
Available in 2800K, 3000K, 3500K, and 4200K

### DIMENSIONS (shown with fixed mounting option)

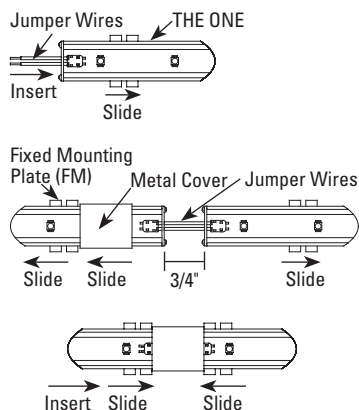


**Rotating Mounting Option**  
(4' max. length)

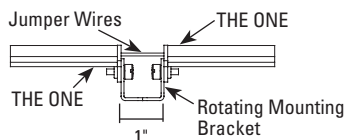


### MULTIPLE CONNECTOR OPTIONS (shown with fixed mounting option)

**LSJ** - Straight Connector 3/4"

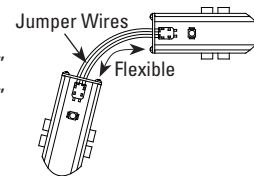


**LSJR** - Straight Joiner Rotating Mounts

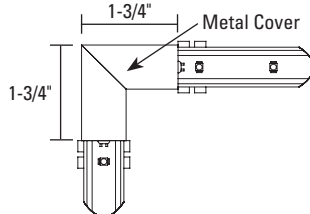


**LFJ2** - Flexible Corner Connector 2"

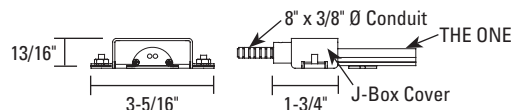
**LFJ6** - Flexible Corner Connector 6"  
**LFJ12** - Flexible Corner Connector 12"  
**LFJ24** - Flexible Corner Connector 24"



**LCJ** - Fixed 90° Metal Connector  
(only when required by local code)



**LEF** - End Feed Connector  
(Only when required by local code)



### HOW TO SPECIFY

Series	Length	Color Temperature	Lens	Mounting	Connector Options	Power Supplies (See back)***
<b>LLHW</b>						
<b>LLHW</b> High Output Linear LED	<b>H06</b> - 6 1/4" <b>H12</b> - 12 1/4" <b>H24</b> - 24 1/4" <b>H48</b> - 48 1/4"	<b>28</b> - 2800K <b>30</b> - 3000K <b>35</b> - 3500K <b>42</b> - 4200K	<b>CL</b> - Clear <b>FL</b> - Frosted	<b>FM</b> - Fixed <b>RM</b> - Rotating	<b>LSJ</b> - Straight Connector 3/4" <b>LSJR</b> - Straight Joiner Rotating Mounts <b>LFJ2</b> - Flexible Corner Connector 2" <b>LFJ6</b> - Flexible Corner Connector 6" <b>LFJ12</b> - Flexible Corner Connector 12" <b>LFJ24</b> - Flexible Corner Connector 24" <b>LEF**</b> - End Feed Connector <b>LCJ**</b> - Fixed 90° Metal Connector <b>LJW-480</b> - Mini spool 480" 18 AWG Wire	<b>LPS24VDC1</b> - 100W 120/24V DC Dimming <b>LPS24VDC1-300</b> - 300W 120/24V DC Dimming <b>LPS24VDC1-48</b> - 40W 120/24V DC Dimming <b>LPS24VDC2</b> - 100W 277/24V DC <b>LPS24VDC2-300</b> - 300W 277/24V DC Dimming <b>LPS24VDC3</b> - 100W 120/24V DC <b>LPS24VDC3-60</b> - 60W 120/24V DC

\*\*\*Must use USAI driver only

\*\*Only when required by local code

# USAI®

www.usaighting.com  
info@usaighting.com

1126 River Road  
New Windsor, NY 12553

T 845-565-8500  
F 845-561-1130

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# THE ONE™ Linear LED

Driver for use with  
TheOne series LLSW and LLHW only

**DIMMING**  
LPS24VDC1  
LPS24VDC1-300  
LPS24VDC1-48  
LPS24VDC2  
LPS24VDC2-300

**NON-DIMMING**  
LPS24VDC3  
LPS24VDC3-60

## DRIVER INFORMATION

**APPLICATION:** For use with TheOne® linear LED fixtures.

**MATERIAL:**

Transformer housing is made of metal construction.

**DIMMING:**

Dimmable 24VDC driver for use with low voltage magnetic dimmer. (See chart below for compatible supply).

When using a microprocessor based or "smart" dimmer, the dimmer must have a neutral connection.

**OPERATING TEMPERATURE:**

Maximum ambient operating temperature is 50°C.

**LISTING:**

Dry/damp location. All drivers are UL Class 2 listed. All drivers are ETL listed for use with TheOne® product family. IBEW Union made.

**NOTES:**

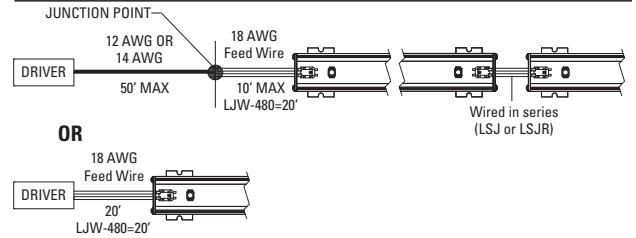
- Must use USAI drivers
- Do not install in wet locations.
- See table for maximum run length of drivers.
- Drivers must be installed in accordance to national and local electrical codes.
- Equipped with secondary overload protection.
- Ordering Information on reverse side.

MAXIMUM NUMBER OF LINEAR FEET PER DRIVER					
DRIVER	PRIMARY VOLTAGE	WATTS	MAX RUN LENGTH		
			LLSW	LLHW	
<b>DIMMING</b> Use only with low voltage magnetic dimmer	LPS24VDC1	120VAC	100	15'	10'
	LPS24VDC1-300*	120VAC	3X 100	3X 15'	3X 10'
	LPS24VDC1-48	120VAC	40	7'	5'
	LPS24VDC2	277VAC	100	15'	10'
	LPS24VDC2-300*	277VAC	3X 100	3X 15'	3X 10'
<b>NON-DIMMING</b>	LPS24VDC3	100/277VAC	100	22'	15'
	LPS24VDC3-60	100/277VAC	60	11'	6'

**IMPORTANT:** • Drivers must be mounted in a well ventilated area with 6" minimum of air space around driver.  
• Assumes no excessive jumper lengths and driver is wired as shown in Remote Driver Wiring Diagram to right.

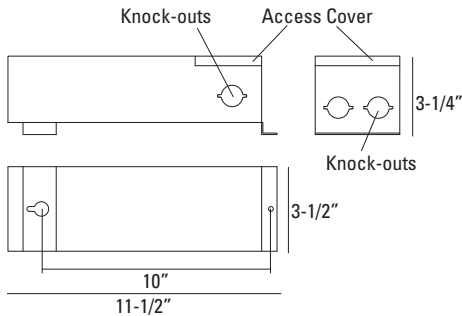
\* All three runs must dim as one.

## REMOTE DRIVER WIRING

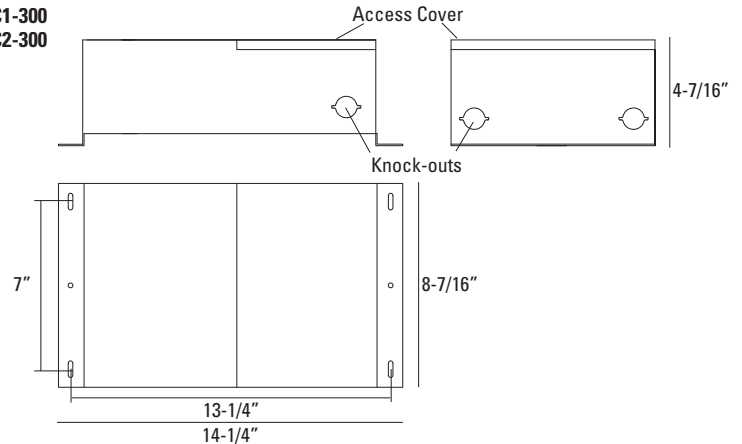


## DIMENSIONS

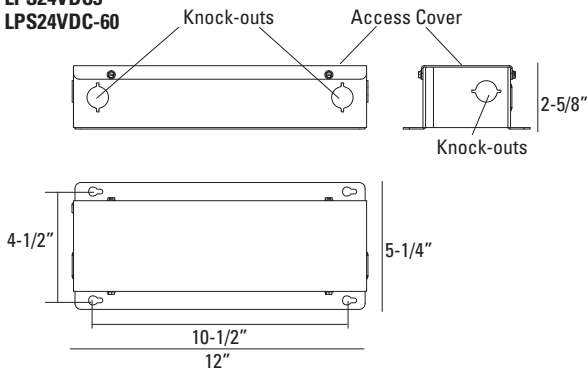
LPS24VDC1  
LPS24VDC2  
LPS24VDC1-48



LPS24VDC1-300  
LPS24VDC2-300



LPS24VDC3  
LPS24VDC-60



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info@usalighting.com

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