



# CBF

## CUSTOM BUILD FIXTURE 24V CUSTOM LINEAR FIXTURE



Fixture Type
Project
Notes

Every CBF is built to your specification. CBF offers a wide range of profiles, light levels and color temperatures tailored to suit every application. Fixture length can be specified in increments as precise as 1" up to 6-1/2' with many options of power cables and connecting cables.



24V DC



DIMMABLE



INDOOR



4°-104°F



L70  
50,000  
HOURS



5 YEAR  
WARRANTY

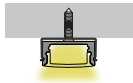


ASSEMBLED IN THE USA



## APPLICATIONS

See page 2 for all channel and lens options



Surface  
Mount



T-Grid  
Mount



Shelf or  
Undercabinet



Recessed  
Millwork



Hang Rod  
In Closet



Suspension  
Mount

## LUMEN PACKAGE OPTIONS

Code	W/Ft	CRI	Lm/W	Lm/Ft
S2	2.4W	90+	93	222 Lm/ft
S3	3.3W	90+	85	271 Lm/ft
S4	4.3W	90+	85	378 Lm/ft
S5	5.5W	90+	85	501 Lm/ft
S6	6.2W	90+	85	595 Lm/ft

## INPUT/OUTPUT OPTIONS

Code	Descriptions	
A	Plug & Play barrel connector	1/2" I
B	Plug & Play 2 pin mini connector	5/16" I
C	Hardwire	3/16" I
D	Smart Track Input only	1/2" I

## ORDERING INFORMATION

Application

MODEL NUMBER  
DESCRIPTIONS

LUMENS

WATTS

Extrusion

Lens

Lumen Package

CCT

Length

Finish

Input

Feed

Length

Color

Output

Feed

Length

Color

<sup>1</sup> Lumen output from LED strip 4000K data  
For more accurate fixture lumen output, multiply LED lumen output with lens transmittance
















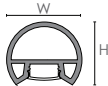




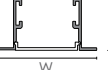
# CBF

## CUSTOM BUILD FIXTURE 24V CUSTOM LINEAR FIXTURE














Fixture Type
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### CHANNEL SELECTION GUIDE

		(H1/H2) Height	(W) Width	Lens Options Ref. Below	Mounting Accessories					Code
					Clip	Adj. Clip	T-Bar Clip	Magnet	End Mount	
SURFACE MOUNT		1/2"	5/16"	B	<input type="radio"/>					01
		3/8" / 1/2"	11/16"	A B C D	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>		02
		7/16"	15/16"	B D	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		03
		9/16" / 13/16"	11/16"	A B C D	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>		04
		13/16"	11/16"	G H I	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>		05
		13/16"	13/16"	D		<input type="radio"/>				06
		1-1/8"	1"	K L	<input type="radio"/>					07
		1-3/8"	1-3/8"	D	<input type="radio"/>					08
45 DEGREE		3/8"	3/8"	B	<input type="radio"/>					09
		5/8"	5/8"	E F J	<input type="radio"/>					10
		11/16"	11/16"	A B D	<input type="radio"/>					11
CLOSET		1-1/8"	1-5/16"	A B D					<input type="radio"/>	12
RECESSED MOUNT (MILLWORK)		1/2"	1/2"	B						13
		5/16"	7/8"	A B D						14
		3/8"	1-1/4"	B D						15
		9/16"	7/8"	A B D						16
		1-3/8"	1-15/16"	D	<input type="radio"/>					17

### LENS OPTIONS

Code	A	B	C	D	E	F	G	H	I	J	K	L
												
Transmittance	95%	85%	90%	75%	75%	85%	95%	95%	95%	75%	75%	75%
Description	clear 120°	frosted 120°	frosted 60°	opal 120°	arched frosted 120°	arched opal 120°	clear 15°	clear 30°	clear 60°	triangle frosted 120°	round opal	square opal

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**Tech Support** 855 592 0029



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CUSTOM BUILD FIXTURE  
24V CUSTOM LINEAR FIXTURE



Fixture Type
Project
Notes

## LED POWER SUPPLIES • 24V DC • PLUG & PLAY



MODEL	DL-PS-WP24/24	DL-PS-24/24	DL-PS-48/24	DL-PS-60/24	DL-PS-100/24
RATED POWER	24W	34W	48W	60W	100W
RATED CURRENT	1.0A	1.0A	2.0A	2.5A	3.8A
INPUT	120V AC	120V AC	120V AC	120V AC	120V AC
DC OUTPUT	24V DC	24V DC	24V DC	24V DC	24V DC
POWER FACTOR	0.80	0.80	0.84	0.80	0.90
WIDTH W	1 3/4"	1 1/2"	2"	1 1/2"	2 3/8"
LENGTH L	3 1/4"	3 1/2"	4 3/8"	4 3/8"	5 3/4"
HEIGHT H	1 1/4"	1"	1 1/8"	1 1/2"	1 1/4"



**1** 0-10 dimming required additional interface - LC-DIM5A

**2** Requires LC-RF-400 receiver and controller



MODEL	DL-PS-60/24-CL2	DL-PS-90/24-CL2	DL-PS-100/24-CL2
RATED POWER	60W	90W	96W
RATED CURRENT	2.5A	3.8A	4.0A
INPUT	120V AC	120V AC	120V AC
DC OUTPUT	24V DC	24V DC	24V DC
POWER FACTOR	0.80	0.80	0.88
WIDTH W	2 1/16"	2 1/16"	2 3/4"
LENGTH L	5 1/8"	5 1/8"	7 7/8"
HEIGHT H	1 3/8"	1 3/8"	1 3/8"



**1** 0-10 dimming required additional interface - LC-DIM5A

**2** Requires LC-RF-400 receiver and controller

## ORDERING INFO LPS

SERIES WATTAGE / VOLTAGE / TYPE

**DL-PS-**

**WP24/24** - 24 Watt 24 Volt wall-plug

**24/24** - 24 Watt 24 Volt wall-plug

**48/24** - 48 Watt 24 Volt wall-plug

**60/24** - 60 Watt 24 Volt wall-plug

## ORDERING INFO CL2

SERIES WATTAGE / VOLTAGE

**DL-PS-**

TYPE

**-CL2**

**60/24** - 60 Watt 24 Volt wall-plug

**90/24** - 90 Watt 24 Volt wall-plug

**100/24** - 96 Watt 24 Volt wall-plug

WIRING  
SCHEMATIC



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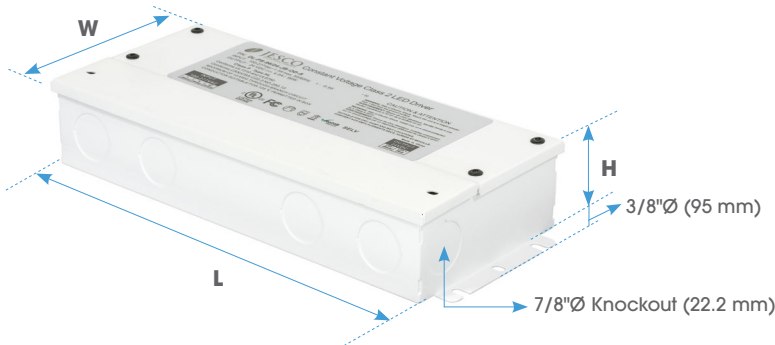
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## LED POWER SUPPLIES • 24V DC • HARDWIRE IN JUNCTION BOX ENCLOSURE



### DIMENSIONS

Width W	3 3/4"	95 mm
Length L (30W)	6 1/4"	156 mm
Length L (60W)	7 5/8"	194 mm
Length L (96W)	8 7/8"	225 mm
Height H	1 3/4"	44 mm

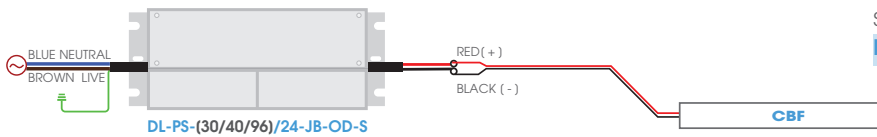


**CLASS 2**  
**CLASS P**

**IP66**

MODEL	DL-PS-30/24-JB-OD-S	DL-PS-60/24-JB-OD-S	DL-PS-96/24-JB-OD-S
RATED POWER	30W	60W	96W
RATED CURRENT	0.5A	2.5A	2.5A
INPUT	100-277V AC	100-277V AC	100-277V AC
DC OUTPUT	24V DC	24V DC	24V DC
VOLTAGE TOLERANCE	±0.5%	±0.5%	±0.5%
POWER FACTOR @120V AC	0.99	0.99	0.99
POWER FACTOR @277V AC	0.96	0.94	0.94

### WIRING SCHEMATIC



### ORDERING INFO

SERIES	WATTAGE / VOLTAGE	TYPE
<b>DL-PS-</b>		<b>-JB-OD-S</b>
	<b>30/24</b> - 30 Watt 24V	Hardwire Electronic LED
	<b>60/24</b> - 60 Watt 24V	Power Supply in Junction
	<b>96/24</b> - 96 Watt 24V	Box Enclosure

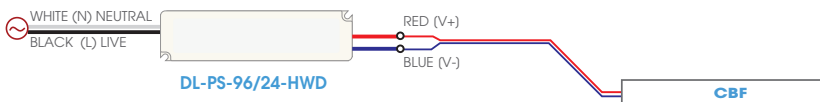
## LED POWER SUPPLIES • 24V DC • HARDWIRE

MODEL	DL-PS-96/24-HWD
RATED POWER	96W
RATED CURRENT	4A
INPUT	120-277V AC
DC OUTPUT	24V DC
VOLTAGE TOLERANCE	±0.5%
POWER FACTOR	>0.95
WIDTH W	1 11/16"
LENGTH L	9 1/2"
HEIGHT H	1"



**CLASS 2**  
**CLASS P**

### WIRING SCHEMATIC



### ORDERING INFO

SERIES	WATTAGE / VOLTAGE	TYPE
<b>DL-PS-</b>	<b>96/24</b>	<b>-HWD</b>
	<b>96/24</b> - 96 Watt 24V	Hardwire Electronic LED Power Supply

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## INDOOR/OUTDOOR LED DRIVER • 24V DC • JUNCTION BOX ENCLOSURE • UNIVERSAL DIMMING



ELV  
REVERSE PHASE



TRIAC  
FORWARD PHASE



0-10V / 1-10V

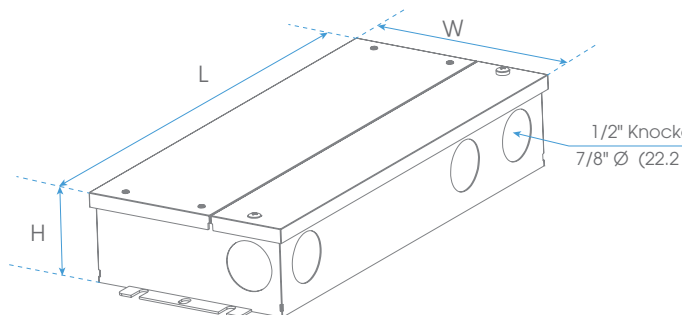


## ORDERING INFO

SERIES	WATTAGE / VOLTAGE	TYPE
<b>DL-PS-</b>		<b>- JB-OD-UNI-DIM</b>
	<b>30/24</b> - 30 Watt 24V	Outdoor rated
	<b>60/24</b> - 60 Watt 24V	Universal Dimmable
	<b>96/24</b> - 96 Watt 24V	Power Supply with
	<b>96 x 2 /24</b> - 96 x 2 Watt 24V	Junction Box
	<b>96 x 3 /24</b> - 96 x 3 Watt 24V	
	<b>96 x 4 /24*</b> - 96 x 4 Watt 24V	



**CLASS 2  
TYPE HL**



RATED POWER	30 W	60 W	96 W	192 W	288 W	384 W
RATED CURRENT	1.3A	2.5A	4.0A	2x4.00A	3x4.00A	4x4.00A
INPUT	100-277V AC	100-277V AC	100-277V AC	100-277V AC	100-277V AC	100-277V AC
DC OUTPUT	24V DC	24V DC	24V DC	24V DC	24V DC	24V DC
VOLTAGE TOLERANCE	±0.5V	±0.5V	±0.5V	±0.5V	±0.5V	±0.5V
LOAD REGULATION	±1%	±1%	±1%	±1%	±1%	±1%
VOLTAGE REGULATION	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
POWER FACTOR 120 AC	0.99%	0.99%	0.99%	0.99%	0.99%	0.99%
POWER FACTOR 277V AC	0.94%	0.94%	0.94%	0.94%	0.94%	0.94%
WIDTH W	3 3/4"	3 3/4"	3 3/4"	4 1/8"	4 1/8"	5 1/4"
LENGTH L	6 3/4"	7 5/8"	8 7/8"	11 7/8"	12 7/8"	12 7/8"
HEIGHT H	1 3/4"	1 3/4"	1 3/4"	1 3/4"	1 3/4"	1 7/8"

\*Consult factory on MOQ and lead time.

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# CBF

CUSTOM BUILD FIXTURE  
24V CUSTOM LINEAR FIXTURE

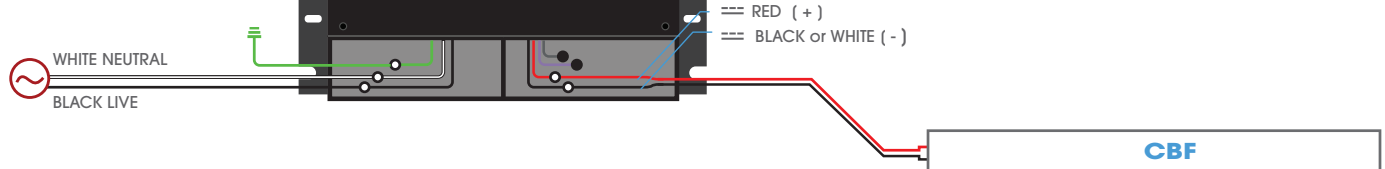


Fixture Type
Project
Notes

## INDOOR/OUTDOOR LED DRIVER • 24V DC • JUNCTION BOX ENCLOSURE • UNIVERSAL DIMMING • WIRING SCHEMATICS

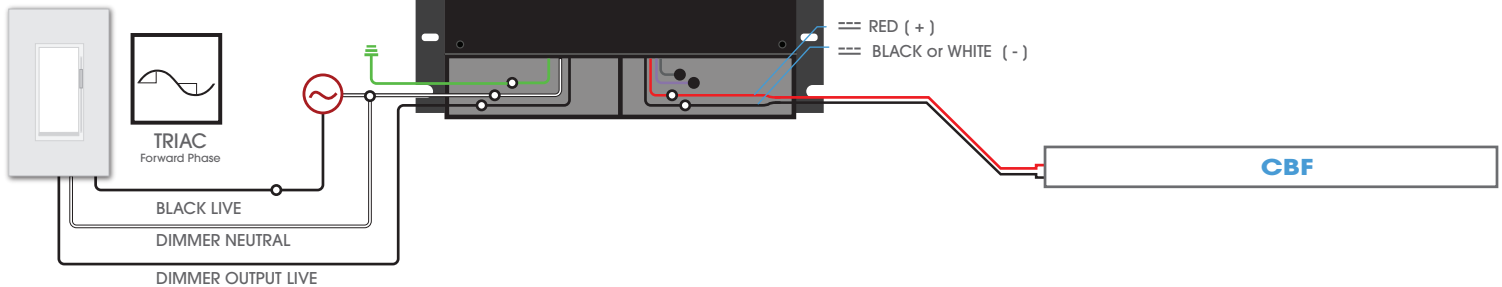
DL-PS-XX/24-JB-OD-UNI-DIM

TYPICAL DIRECT WIRING



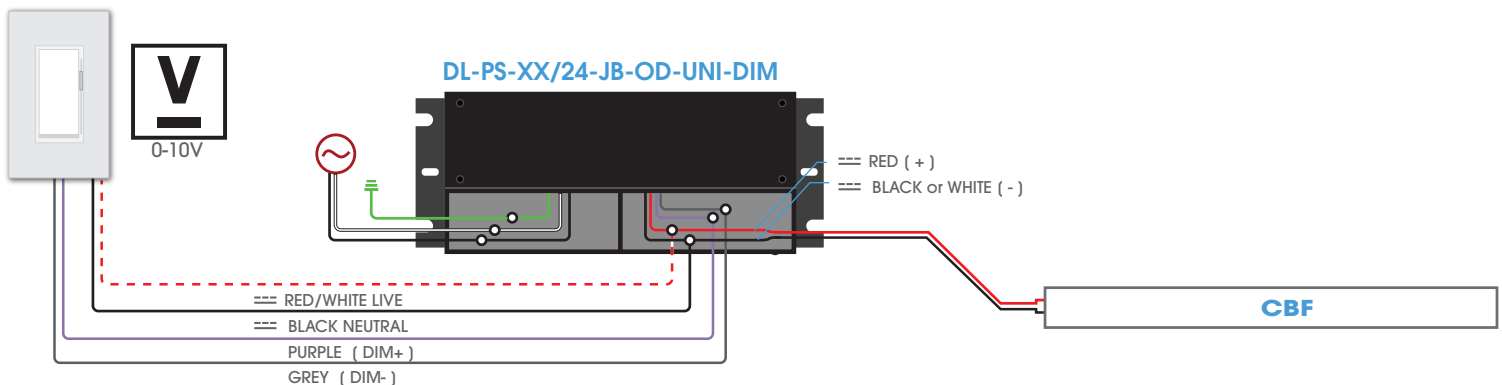
TYPICAL TRIAC DIMMING WIRING

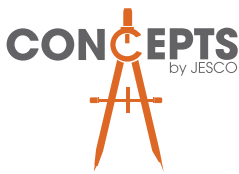
DL-PS-XX/24-JB-OD-UNI-DIM



TYPICAL 0-10V DIMMING WIRING Low Voltage 0-10V dimmer

DL-PS-XX/24-JB-OD-UNI-DIM

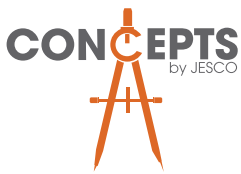


**CBF**CUSTOM BUILD FIXTURE  
24V CUSTOM LINEAR FIXTURE

Fixture Type
Project
Notes

**DIMMER COMPATIBILITY - DL-PS-[XX/24]-JB-OD-UNI-DIM**

BRAND	MODEL	DIMMING TYPE	INPUT RANGE	DIMMING RANGE
LUTRON®	SCL-153PR-WH	TRIAC Forward Phase	100-130V	0-100%
	DVCL-153PR-WH	TRIAC Forward Phase	100-130V	0-100%
	DVWCL-153PH-LA	TRIAC Forward Phase	100-130V	0-100%
	CTCL-153PDH-LA	TRIAC Forward Phase	100-130V	0-100%
	TGCL-153PR-WH	TRIAC Forward Phase	100-130V	0-100%
	TGCL-153PH-WH	TRIAC Forward Phase	100-130V	0-100%
	MACL-153MH-LA	TRIAC Forward Phase	100-130V	20-100%
	CT-600PR-IV	TRIAC Forward Phase	100-130V	0-100%
	CT-600PR-WH	TRIAC Forward Phase	100-130V	0-100%
	CT-103PR-WH	TRIAC Forward Phase	100-130V	2-100%
	DV-600PR-BL	TRIAC Forward Phase	100-130V	0-100%
	DV-600PR-WH	TRIAC Forward Phase	100-130V	0-100%
	MIR-600M	TRIAC Forward Phase	100-130V	2-100%
	TG-600PR-LA	TRIAC Forward Phase	100-130V	4-100%
	TG600PR-IV	TRIAC Forward Phase	100-130V	0-100%
	TG-600PR-WH	TRIAC Forward Phase	100-130V	0-100%
	TG-10PR-WH	TRIAC Forward Phase	100-130V	0-100%
	S-600PR-WH	TRIAC Forward Phase	100-130V	0-100%
	MRF2-6ND-120-AL	TRIAC Forward Phase	100-130V	0-100%
	MSCELV-600M	TRIAC Forward Phase	100-130V	0-100%
	MEF2-6ELV-120	TRIAC Forward Phase	100-130V	0-100%
	MRF2-6CL-GR	TRIAC Forward Phase	100-130V	15-100%
	DZ6HD	TRIAC Forward Phase	100-130V	22-100%
	PD-6WCL	TRIAC Forward Phase	100-130V	20-100%
	PD-5NE-WH	TRIAC Forward Phase	100-130V	18-100%
	NTLV-600-277-WH	TRIAC Forward Phase	277V	1-100%
	ST-12P-277	TRIAC Forward Phase	277V	12-100%
	NTF-10-277	TRIAC Forward Phase	277V	1-100%
	DVELV-300P	ELV Reverse Phase	100-130V	15-100%
	SELV-300P	ELV Reverse Phase	100-130V	15-100%
	DVSTV-WH	0-10V	120-277V	9-100%
	DVTV-WH	0-10V	120-277V	9-100%
LEVITON®	VP106-1LZ	TRIAC Forward Phase	100-130V	15-100%
	TT106-1LZ	TRIAC Forward Phase	100-130V	1-100%
	IPL06	TRIAC Forward Phase	100-130V	15-100%
	DZ6HD	TRIAC Forward Phase	100-130V	17-100%
	TBL03	TRIAC Forward Phase	100-130V	15-100%
	6672	TRIAC Forward Phase	100-130V	20-100%
	6602	TRIAC Forward Phase	100-130V	0-100%
	6674	TRIAC Forward Phase	100-130V	16-100%
	6683	TRIAC Forward Phase	100-130V	10-100%
	AWSMT-EAW	ELV Reverse Phase	100-130V	0-100%
	AWSMT-EAW	ELV Reverse Phase	277V	0-100%
LEGRAND®	RHCL453PNICCV6	TRIAC Forward Phase	100-130V	6-100%
	WSCL450TCCCV4	TRIAC Forward Phase	100-130V	11-100%
	LSCL453PLACCV4	TRIAC Forward Phase	100-130V	11-100%
CRESTRON®	CLW-DELVEX-P-W-S	ELV Reverse Phase	100-130V	11-100%
EATON	DF10P-C1	0-10V	100-277V	5-100%



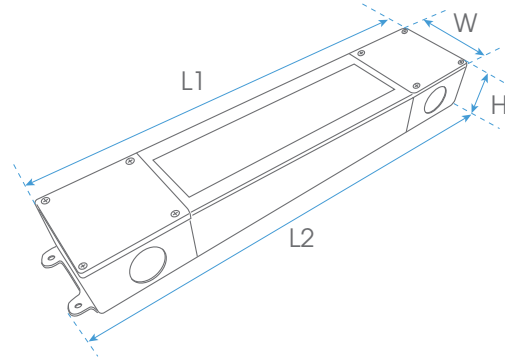
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CUSTOM BUILD FIXTURE  
24V CUSTOM LINEAR FIXTURE

JESCO  
LIGHTING GROUP

Fixture Type
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Notes

## UNIVERSAL DIMMING INDOOR/OUTDOOR LED POWER SUPPLIES • 24V DC • HARDWIRE IN JUNCTION BOX ENCLOSURE • 0-10V DIMMABLE



CLASS 2  
CLASS P



IP65

MODEL	DL-PS-60/24-JB-OD-DIM	DL-PS-96/24-JB-OD-DIM
RATED POWER	60 W	96 W
RATED CURRENT	2.6A	4.1A
INPUT	120-277V AC	120-277V AC
DC OUTPUT	24V DC	24V DC
POWER FACTOR	>0.87	>0.95

\* Consult factory on MOQ and lead time.

### DIMENSIONS

Width W	2 3/8"	60 mm
Length L1	11 7/16"	291 mm
Length L2	12 1/8"	308 mm
Height H	1 7/16"	37 mm

## ORDERING INFO

SERIES WATTAGE / VOLTAGE

DL-PS-

60 / 24 - 60 Watt 24V

96 / 24 - 96 Watt 24V

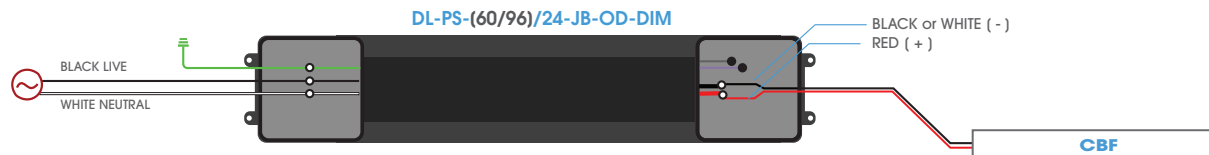
TYPE

- JB-OD-DIM

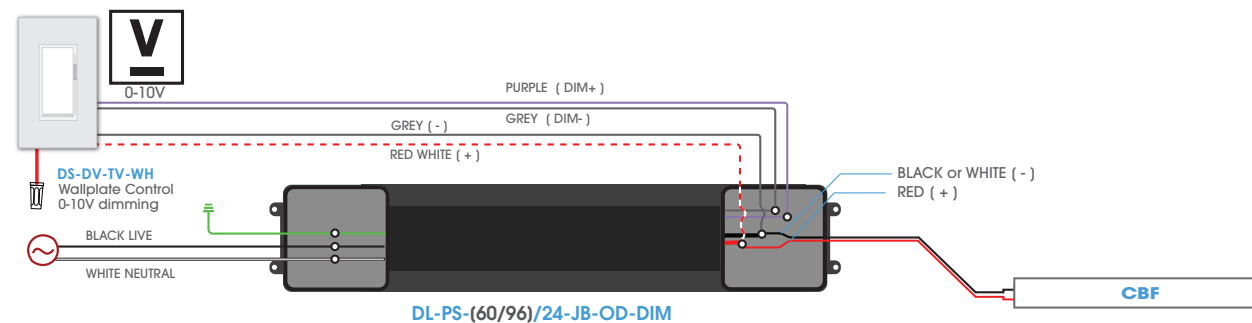
Dimmable Power  
Supply with  
Junction Box

## WIRING SCHEMATICS

### TYPICAL DIRECT WIRING



### TYPICAL 0-10V DIMMING WIRING Low Voltage 0-10V dimmer



BRAND	MODEL	DIMMING TYPE	INPUT WITH ON/OFF CTRL	DIMMING RANGE
LUTRON®	DIVA - DDTV	0 - 10V	24V PC	1% - 100%
	NOVA T-NFTV	0 - 10V	PP-20 Power Pack	1% - 100%
	NOVA T-NFTV	0 - 10V	PP-20 Power Pack	1% - 100%
LEVITON®	IP710	0 - 10V	120-277V AC	1% - 100%
LEGRAND®	DCLV1	0 - 10V	24V DC	1% - 100%
PHILIPS	SR1200ZTUNV	0 - 10V	120-277V AC	1% - 100%

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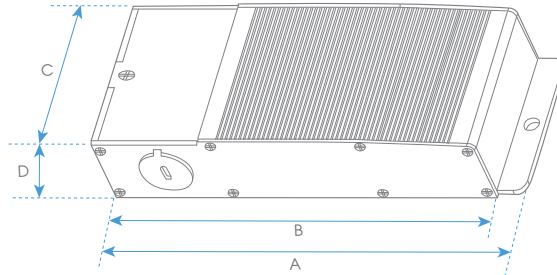
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JESCO  
LIGHTING GROUP

Fixture Type
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## POWER SUPPLIES • 24V DC • HARDWIRE IN JUNCTION BOX ENCLOSURE • PHASE DIMMABLE

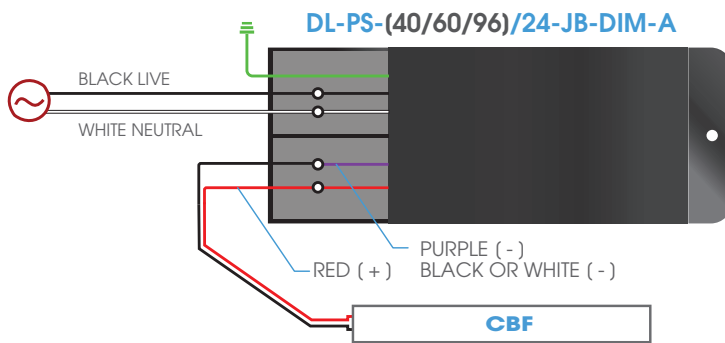


MODEL	DL-PS-40/24-JB-DIM-A	DL-PS-60/24-JB-DIM-A	DL-PS-96/24-JB-DIM-A
RATED POWER	40W	60W	96W
RATED CURRENT	1.67A	2.5A	4A
INPUT	100-277V AC	100-277V AC	100-277V AC
DC OUTPUT	24V DC	24V DC	24V DC
VOLTAGE TOLERANCE	±0.5%	±0.5%	±0.5%
POWER FACTOR @120V AC	0.46	0.68	1.1
POWER FACTOR @277V AC	0.9	0.9	0.9

### DIMENSIONS

A	7"	178 mm
B	6 1/2"	165 mm
C	2 3/4"	70 mm
D	1 3/8"	35 mm

### TYPICAL DIRECT WIRING



### ORDERING INFO

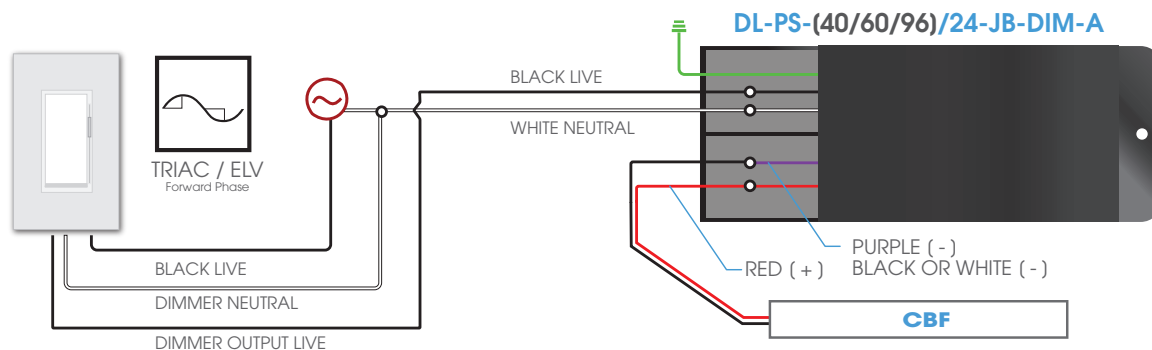
SERIES WATTAGE / VOLTAGE  
**DL-PS-**

**40/24** - 40 Watt 24V  
**60/24** - 60 Watt 24V  
**96/24** - 96 Watt 24V

TYPE  
**-JB-DIM-A**  
Hardwire Electronic  
LED Power Supply  
in Junction Box  
Enclosure

### WIRING SCHEMATICS

### TYPICAL TRIAC/ELV DIMMING WIRING



NOTE: wiring must be done following local and NEC codes

**NY** 15 Harbor Park Drive  
Port Washington, NY 11050

Main 800 527 7796  
Fax 855 265 5768

**CA** 219 South 6th Ave  
City of Industry, CA 91746

Main 800 527 7796  
Fax 855 265 5768

**i** support@jescolighting.com  
Tech Support 855 592 0029



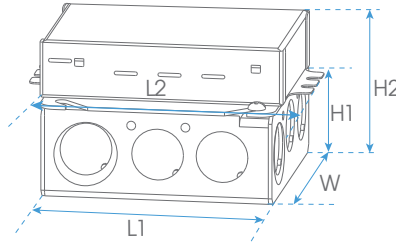
# CBF

CUSTOM BUILD FIXTURE  
24V CUSTOM LINEAR FIXTURE

JESCO  
LIGHTING GROUP

Fixture Type
Project
Notes

## UNIVERSAL DIMMING POWER SUPPLY • 24V DC • LUTRON™ • HARDWARE IN JUNCTION BOX ENCLOSURE



### DIMENSIONS

Width W	4"	102 mm
Length L1	4 3/4"	121 mm
Length L2	4 7/8"	124 mm
Height H1	1 5/8"	41 mm
Height H2	2 5/8"	67 mm



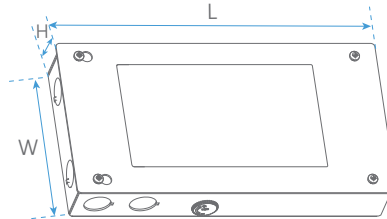
MODEL	DL-PS-L3DAE	DL-PS-L3DA3W	DL-PS-LTE2W
RATED POWER	40 W	40 W	40 W
RATED CURRENT	2.0A	2.0A	2.0A
INPUT	120-277V AC	120-277V AC	120V AC
DC OUTPUT	24V DC	24V DC	24V DC
POWER FACTOR	0.90	0.90	0.90
MIN. LOAD	5 W	5 W	±0.5%

## ORDERING INFO

SERIES WATTAGE / VOLTAGE / TYPE

**DL-PS-**

**L3DAE** - Hi-Lume 1% EcoSystem  
**L3DA3W** - Hi-Lume 1% 3-wire  
**LTEA2W** - Hi-Lume 1% 2-wire  
(120V forward phase only)



### DIMENSIONS

Width W	5 1/2"	140 mm
Length L	10 1/2"	267 mm
Height H	1 7/8"	48 mm

MODEL	DL-PS-L3D0E	DL-PS-L3D3W
RATED POWER	96 W	96 W
RATED CURRENT	2.0A	2.0A
INPUT	120-277V AC	120-277V AC
DC OUTPUT	24V DC	24V DC
POWER FACTOR	0.90	0.90
MIN. LOAD	2 W	2 W

## ORDERING INFO

SERIES WATTAGE / VOLTAGE / TYPE

**DL-PS-**

**L3D0E** - Hi-lume Premier  
0.1% Soft On / Fade-to-Black  
**L3D3W** - Hi-lume Premier  
0.1% 3 wire