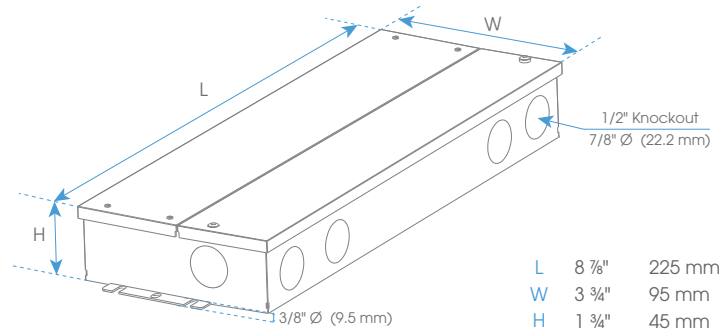


DL-PS-96/24-JB-OD-S

24V DC LED POWER SUPPLIES
HARDWIRE IN JUNCTION BOX ENCLOSURE

JESCO
LIGHTING GROUP

Fixture Type	
Project	
Notes	



L	8 7/8"	225 mm
W	3 3/4"	95 mm
H	1 3/4"	45 mm

With 24V DC, 96W LED driver and universal input voltage – 100 to 277V AC, this driver is IP66, indoor/outdoor – for dry, damp and wet locations, with cooling by free air convection and short circuit, over temperature and over loading protection. Made with metal enclosure with (6) 7/8" knockouts has Efficiency > 83% @120V AC and Built-in PFC function with Power Factor > 0.99 @120V AC. Certified with UL8750 Listed. Class 2 and Class P power unit and weights 1.3 kg (2.9 lb).



CLASS 2
CLASS P

SPECIFICATIONS

INPUT

INPUT VOLTAGE	100 - 277V AC
INPUT FREQUENCY	47-63Hz
INPUT CURRENT (MAX.)	1.5A @100V AC
POWER FACTOR (TYP.) @ FULL LOAD	0.99 @120V AC 0.94 @277V AC
THD (TYP.) @ FULL LOAD	<15% @120V <20% @277V
EFFICACY (TYP.) @ FULL LOAD	83% @120V AC 87% @277V AC
INRUSH CURRENT (TYP.)	20A, 50%, 1.6ms @120V AC 25A, 50%, 1.2ms @277V AC
LEAKAGE CURRENT	<0.50mA

OUTPUT

OUTPUT VOLTAGE	24V AC
RELATED OUTPUT POWER	96W
RATED LOAD CURRENT	4.0A
VOLTAGE ACCURACY	+/-0.5V
VOLTAGE REGULATION	+/-0.5V%
LOAD REGULATION	+/-1%

ENVIRONMENT

IP RATINGS	IP66, Indoor/Outdoor – For Dry, Damps and Wet locations
OPERATING AMBIENT TEMPERATURE†	-40° C to 60° C (-40° F to +140° F)
OPERATING AMBIENT HUMIDITY	20~90% RH, non-condensing
STORAGE TEMPERATURE	-40° C to +80° C (-40° F to +176° F)
STORAGE HUMIDITY	10~95% RH
TEMPERATURE COEFFICIENT	+/-0.03%/°C (0~50°C)
VIBRATION	10~500Hz, 5G 10min./1 cycle period for 60min, each along X, Y and Z axes

† See Derating Curve

SAFETY & EMC

SAFETY STANDARDS	UL8750
WITHSTAND VOLTAGE	I/P-O/P: 1.88KV AC
ISOLATION RESISTANCE	I/P-O/P: 100MΩ / 500V DC / 25° C / 70% RH
EMC EMISSION	FCC Part 15 B

PROTECTION

SHORT CIRCUIT	Shut down o/p voltage, re-power on to recover after fault condition is removed
OVER LOADING	≤120% Hiccup mode, recovers automatically after fault condition is removed
OVER TEMPERATURE	212°F+/-50°F (100°C +/-10°C) shut down o/p voltage, automatically recover after cooling

NY 15 Harbor Park Drive
Port Washington, NY 11050

Main Fax 800 527 7796
855 265 5768

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

Main Fax 800 527 7796
855 265 5768

i support@jescolighting.com
Tech Support 855 592 0029

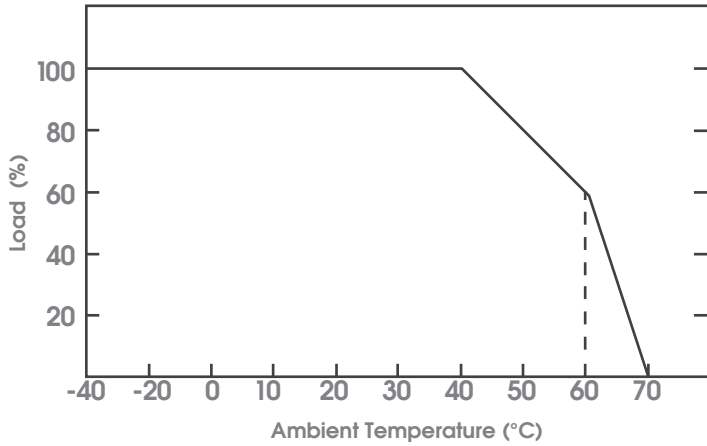
DL-PS-96/24-JB-OD-S

24V DC LED POWER SUPPLIES
HARDWARE IN JUNCTION BOX ENCLOSURE

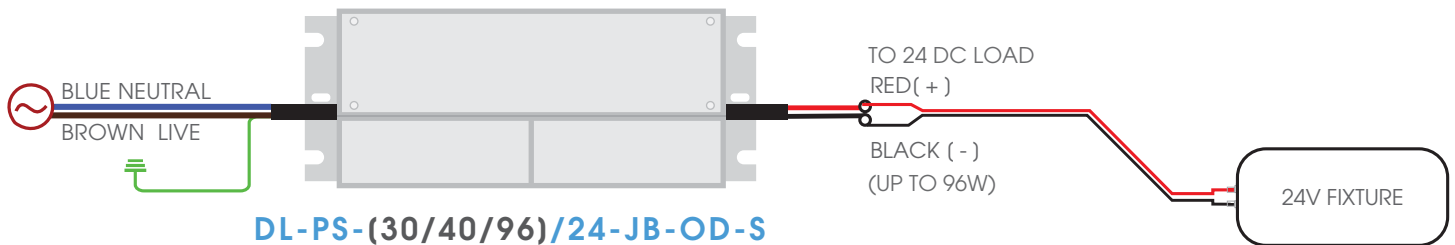


Fixture Type	
Project	
Notes	

DERATING CURVE



WIRING DIAGRAM



TYPICAL DIRECT WIRING