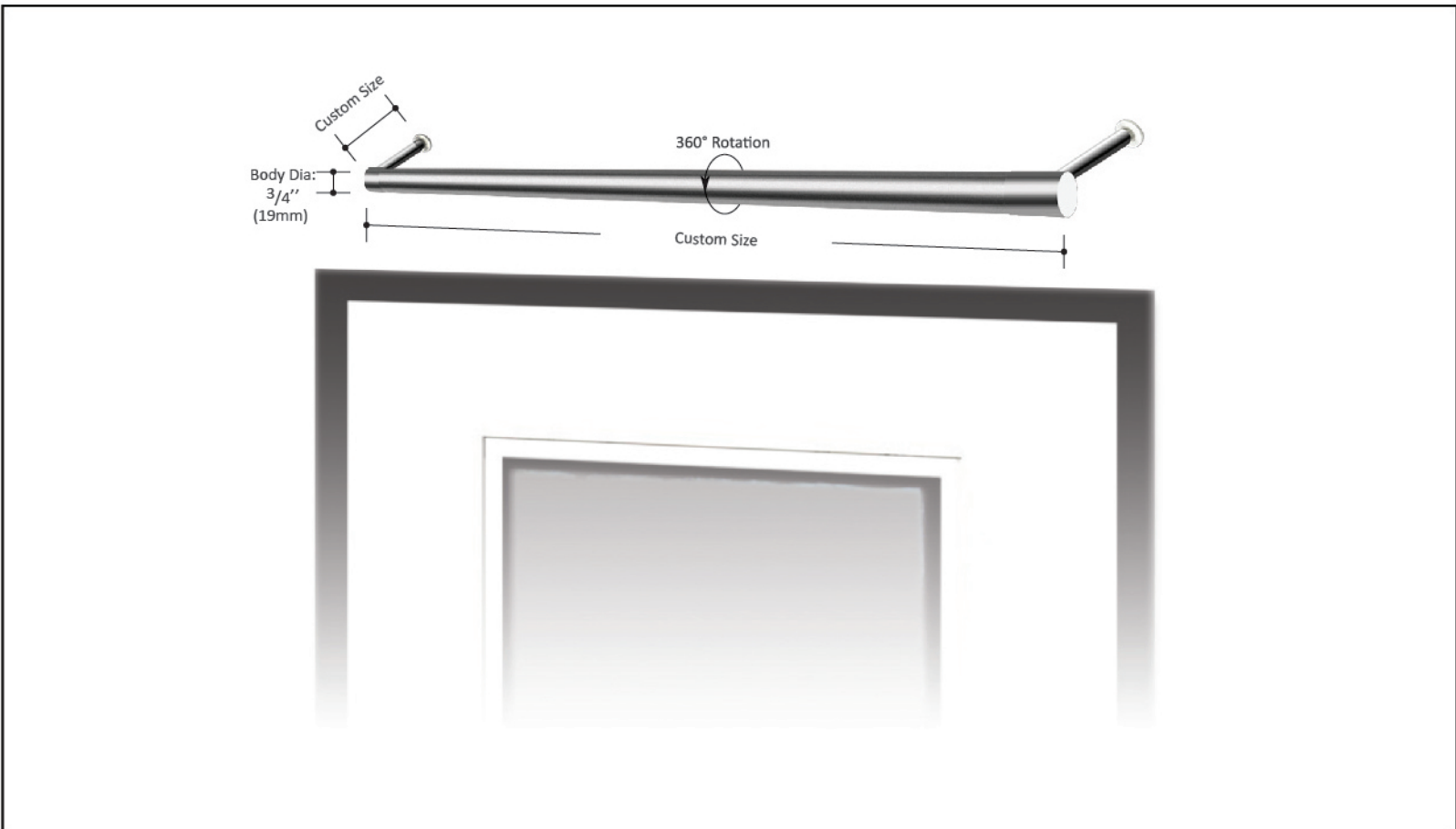


Type	
Project	
Catalog No.	

IMAGE



DESCRIPTION

The original Luna with its 3/4" (19mm) diameter profile reconfigured as a wall mounted fixture retaining its many groundbreaking features and flawless finishes. A high output stem mounted lighting fixture with its main body able to rotate a full 360° to highlight any artwork with high color accuracy LEDs specified up to 95+ CRI.

Always sold in customized lengths and stem heights to the customer's specifications. When ordering please use a Revlite shop drawing order template.

Many finishes available including the new real carbon fibre. Custom metal finishes include bronze and polished brass upon request.

APPLICATIONS

- Exhibit Lighting
- Painting or Wall Hung Artwork

FEATURES

- 90° beam angle with soft light optics with no visible hotspots.
- Slim 3/4" (19mm) heat sink body.
- Light source: High Density High CRI LEDs (2700K, 3000K, 3500K, 4000K, 5000K).
- Simple 24VDC power input: no constant current. Fixture may be daisy chained to other fixtures on the same power supply.
- Ordered customized to your design lengths up to a maximum 72".
- Power consumption / Illumination options: 4W/ ft., 6W/ ft., 8W/ft.
- Custom finishes available.
- cULus Listed.

COMPONENTS

Power Supplies	24V PP / 24V HW
Accessories	LED
Controls	DIM

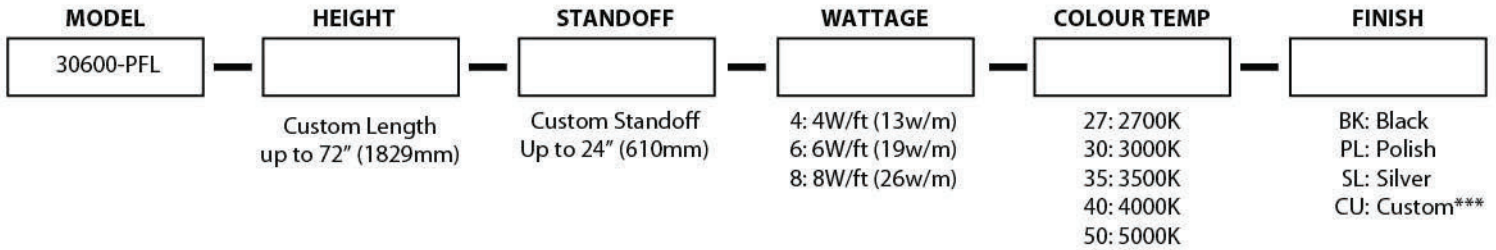
Type	
Project	
Catalog No.	

SPECIFICATIONS

Input Voltage	24VDC
Wattage	4W/ft(13w/m); 6W/ft(19w/m); 8W/ft(26w/m)
Colour Temp	2700K / 3000K / 3500K / 4000K / 5000K
Dimming	Optional
Lumen Output	100 lm/W**
CRI	>90
Beam Angle	90°
Power Factor	0.9
Lamp Life	50,000 hours
Environment	IP20
Certification	cULus
Warranty	5 years - see published warranty terms for details

* Product specifications subject to change without notice.
 ** Lumen data based on 4000K.

ORDERING INSTRUCTIONS

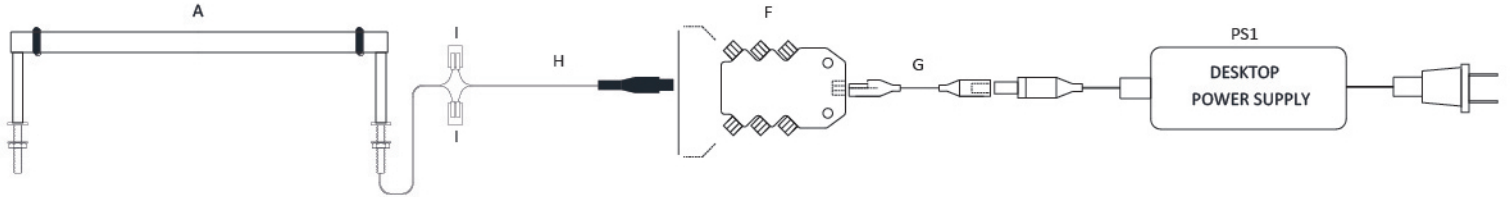


Example: 30600V-8-4-40-BK = 30600V, height 8" (203mm), 4W/ft (13w/m), 4000K, black finish
 *** Custom finishes available, contact us for more information

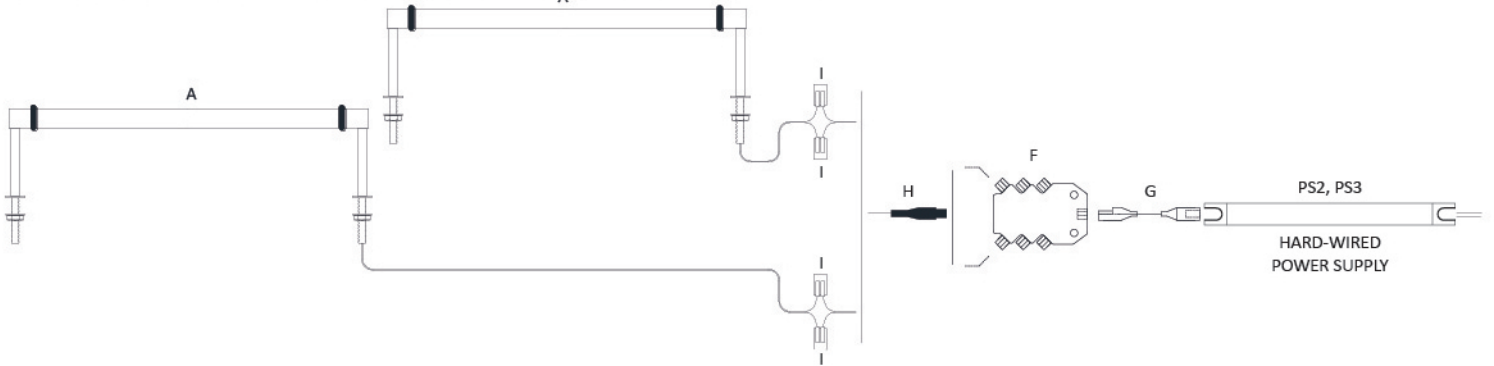
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WIRING DIAGRAM - For reference purposes only. Not for installation. Not to scale.

Option #1: Plug & Play. Desktop power supply Wiring Diagram [for fixtures less than 60"(152cm) long]



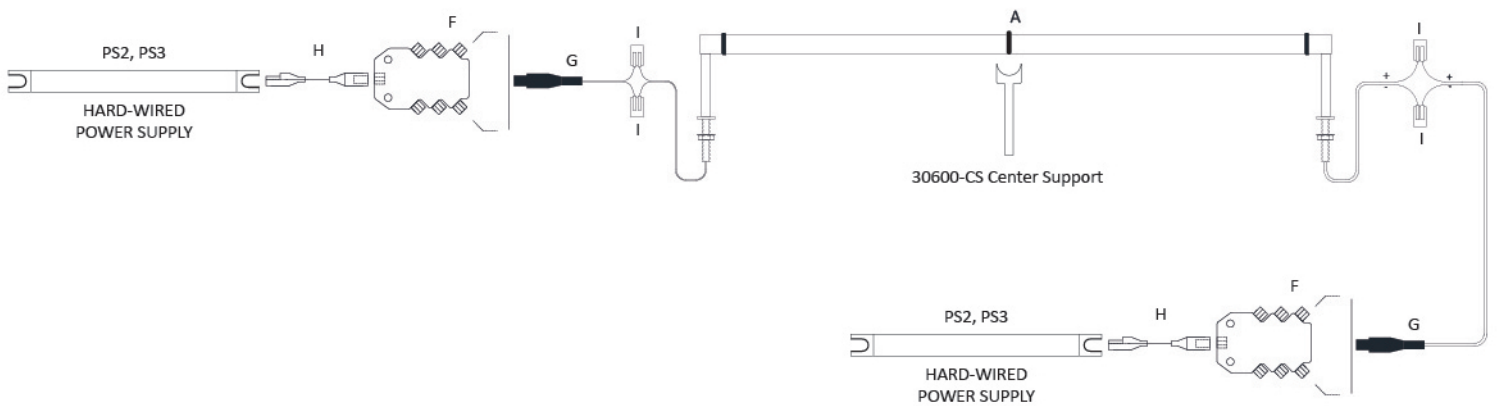
Option #1: Hardwire. Hard-Wired Wiring Diagram [for fixtures less than 60"(152cm) long]



Option #1: Wiring Diagram for fixtures 60"(152cm) to 120"(305cm) long using two hardwire power supplies

Note:

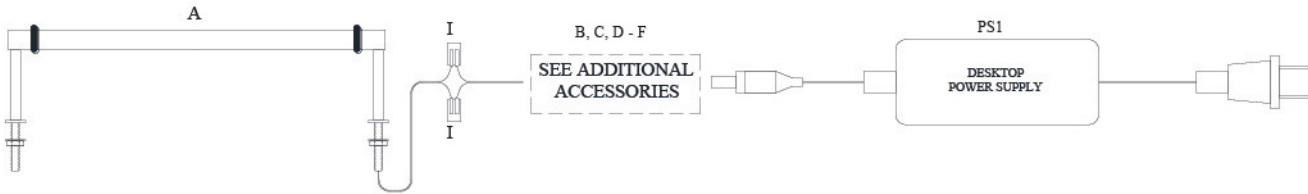
- * Fixtures more than 60"(152cm) long need to have one feed on each end to prevent voltage drop and subsequent light loss across the fixture.
- * If the wattage is low enough, a single transformer wired to both ends might suffice.



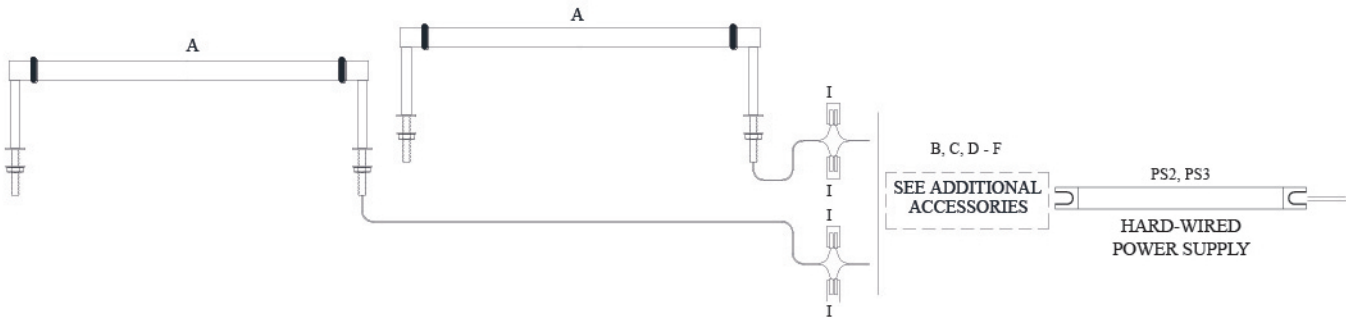
Type	
Project	
Catalog No.	

WIRING DIAGRAM - For reference purposes only. Not for installation. Not to scale.

Option #2: Plug & Play. Desktop power supply Wiring Diagram [for fixtures less than 60"(152cm) long]



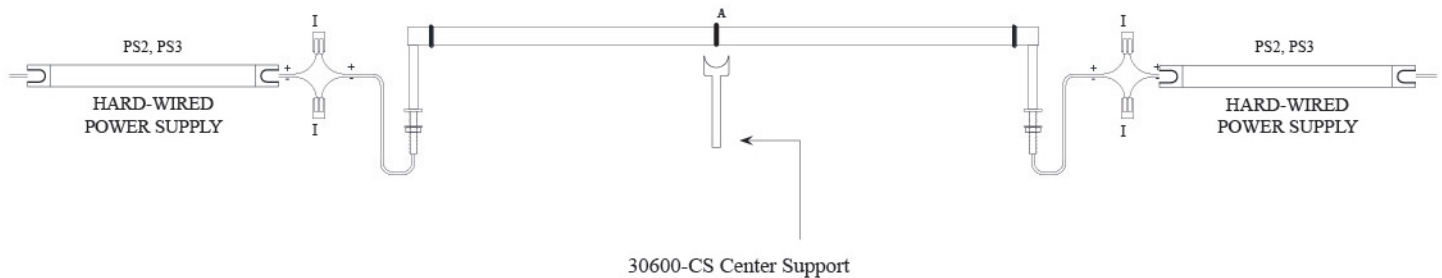
Option #2: Hardwire. Hard-Wired Wiring Diagram [for fixtures less than 60"(152cm) long]



Option #2: Wiring Diagram for fixtures 60"(152cm) to 120"(305cm) long using two hardwire power supplies

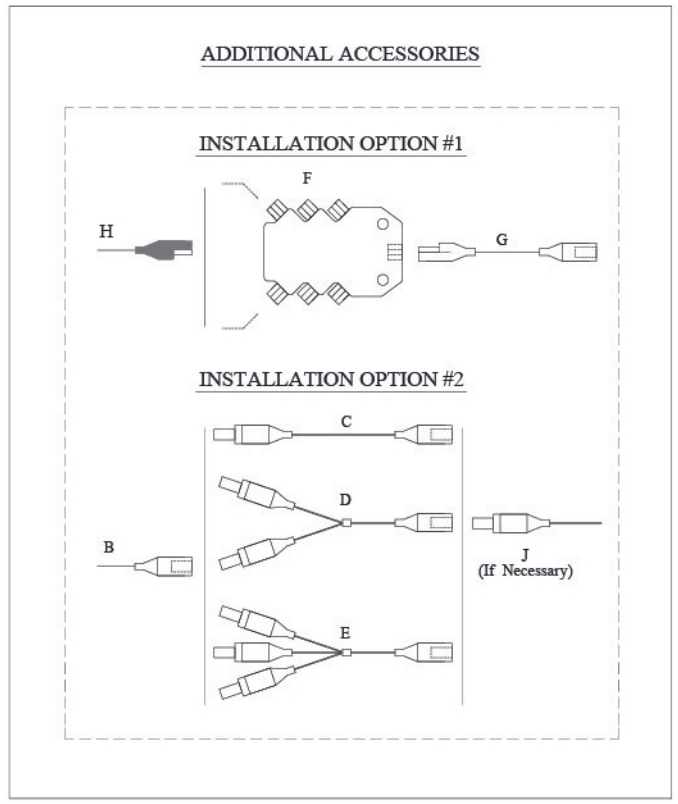
Note:

- * Fixtures more than 60"(152cm) long need to have one feed on each end to prevent voltage drop and subsequent light loss across the fixture.
- * If the wattage is low enough, a single transformer wired to both ends might suffice.



PARTS LIST

Part#	length	Description	
A	30600	Linear LED light fixture	
B	RL-DC-F-15-BK RL-DC-F-15-WH	15" (380mm) 15" (380mm)	Female DC barrel connector Black / White
C	RL-DC-1-BK RL-DC-F-1-WH	36" (915mm) 36" (915mm)	DC barrel connector extension Black / White
D	RL-DC-SP-2		DC barrel connector double splitter Black / White
E	RL-DC-SP-3		DC barrel connector triple splitter Black / White
F	CV-6SP-1224		Constant voltage splitter box 6 port
G	CV-AD100-2-1224	4" (100mm)	4" Adapter harness for plug and play power supply
H	CV-75-EC-24B	3" (75mm)	3" constant voltage extension
I	221-412		Wire clamp for hardwire connection
J	RL-DC-M-15-BK RL-DC-M-15-WH	15" (380mm) 15" (380mm)	15" hardwire adapter to DC barrel connector
		Max. fixture (s) length @ 6 W/ft	Max. fixture (s) length @ 8 W/ft
PS1	RPS-2424-120-240 RPS-2460-120-240 RPS-2490-120-240	3 ft (900m) 9 ft (2.7m) 10 ft (3.05m)	Min: 1 ft (305mm), Max: 2.5 ft (760mm) Min: 1 ft (305mm), Max: 6 ft (1.8m) Min: 1 ft (305mm), Max: 9 ft (2.7m)
PS2	RPS-VLM60W-24 RPS-VLM100W-24 RPS-LPV60-24 RPS-LPV100-24	8.5 ft (2.6m) 12 ft (3.65m) 8.5 ft (2.6m) 12 ft (3.65m)	Min: 1 ft (305mm), Max: 6.25 ft (1.9m) Min: 1 ft (305mm), Max: 10 ft (3.05m) Min: 1 ft (305mm), Max: 6.25 ft (1.9m) Min: 1 ft (305mm), Max: 10 ft (3.05m)
PS3	RPS-LV60-24T-1227-KK RPS-LV96-24T-1227-JJ	8.5 ft (2.6m) 12 ft (3.65m)	Min: 1 ft (305mm), Max: 6.25 ft (3.05m) Min: 1 ft (305mm), Max: 10 ft (3.05m)



Note: Maximum fixture length is 8'(2.4m) with center support. Longer fixture lengths are shown in the chart in case customer needs to connect more than one fixture per driver.

FIXTURE WIRING ACCESSORIES - INSTALLATION OPTION #1



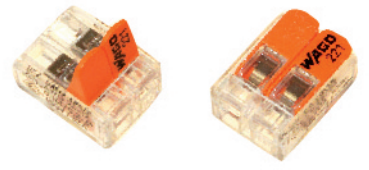
CV-1000-2-1224
39" (1M) extension cable with PD connectors.



CV-6SP-1224
DC 6-port constant voltage distribution box with PD in/out connector.



CV-AD100-2-1224
12VDC 3"(75mm) adapter cable DC to female PD connector.



221-412
2 Conductor Lever Nut
 • 28 to 12 AWG (stranded or solid)
 • 600V / 20A Max
 • Strip length: 3/8" (10mm)
 • Operating temperature: 221 deg F
 • cULus Class listed

Type	
Project	
Catalog No.	

FIXTURE WIRING ACCESSORIES - INSTALLATION OPTION #2



RL-DC-1-WH
RL-DC-1-BK
RL-DC-2.5-WH
RL-DC-2.5-BK

- 39" (1M) LED Driver Extension Cable. (RL-DC-1-BK, WH)
- 8' (2.5M) LED Driver Extension Cable. (RL-DC-2.5-BK, WH)



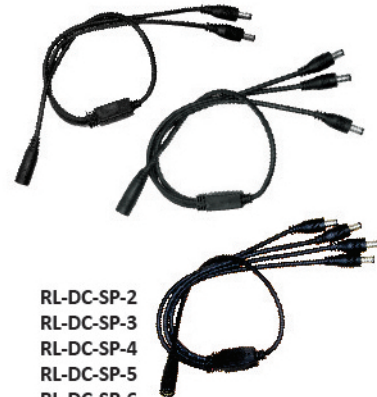
RL-DC-F-15-BK
RL-DC-F-15-WH

- 12" (305mm) Female 2-Wire Input Power Connector
- For connecting plug-and-play supplies to hard-wire equipment or lighting controllers



RL-DC-M-15-BK
RL-DC-M-15-WH

- 12" (305mm) Male 2-Wire Output Power Connector
- For connecting plug-and-play supplies to hard-wire equipment or lighting controllers



RL-DC-SP-2
RL-DC-SP-3
RL-DC-SP-4
RL-DC-SP-5
RL-DC-SP-6

- 19" (480mm) total length
- 2-Way split power feed
- 3-Way split power feed
- 4-Way split power feed
- 5-Way split power feed
- 6-Way split power feed



RPS-VLM60W-24

- Hard Wire DC Power Supply
- Non dimmable
- 5 1/4" L x 3/4" W x 3/4" H (133mm x 19mm x 19mm)
- Input / Output: 120-277VAC / 24VDC
- Wattage: 60W Max
- c-UL-us listed, Class 2



RPS-VLM100W-24

- Hard Wire DC Power Supply
- Non dimmable
- 5 3/8" L x 1.0" W x 3/4" H (137mm x 25mm x 19mm)
- Input / Output: 120-277VAC / 24VDC
- Wattage: 96W Max
- c-UL-us listed, Class 2



RPS-LPV-100-24
RPS-LPV-60-24

- Hard Wire DC Power Supply
- Non dimmable, auto reset
- 7 1/2" L x 2" W x 1 1/2" H (190mm x 51mm x 38mm)
- Input / Output: 120-264VAC / 24VDC
- Wattage: 60W Max; 100W Max
- c-UL-us listed, Class 2
- IP 67



RPS-2424-120-240

- Desktop Power Supply
- May be dimmed with RL-DIM-PWM
 - 3 1/2" L x 1 7/8" W x 1 1/4" H (89mm x 48mm x 31mm)
 - Input/Output: 100-240V AC / 24V DC
 - Wattage: 24W Max.
 - cULus listed. LPS



RPS-2460-120-240

- Desktop Power Supply
- May be dimmed with RL-DIM-PWM
 - 4 1/2" L x 2" W x 1 1/4" H (114mm x 51mm x 31mm)
 - Input/Output: 100-240V AC / 24V DC
 - Wattage: 60W Max.
 - cULus listed. LPS



RPS-2490-120-240

- Desktop Power Supply
- May be dimmed with RL-DIM-PWM
 - 5 5/8" L x 2 1/2" W x 1 1/2" H (143mm x 63mm x 38mm)
 - Input/Output: 100-240V AC / 24V DC
 - Wattage: 90W Max.
 - cULus listed. LPS.



RPS-LV60-24T-1227-KK (Dimmable)

- Hard Wire DC Power Supply
- Dimmable with RL-DIM-DVLV-W1, auto reset, Triac Dimmable
- 7 1/2" L x 2" W x 1 1/2" H (191mm x 51mm x 38mm)
- Input / Output: 120-264VAC / 24VDC
- Wattage: 60W Max
- cULus listed, Class 2
- IP 67



RPS-LV96-24T-1227-JJ (Dimmable)

- Hard Wire DC Power Supply
- Dimmable with RL-DIM-DVLV-W1 dimmer, Triac Dimmable
- Resettable
- 10" L x 3.3" W x 3" H (254mm x 86mm x 75mm)
- Input / Output: 120-277VAC / 24VDC
- Wattage: 100W Max
- cULus listed, Class 2
- Equipped with rain tight junction box rated for outdoor use