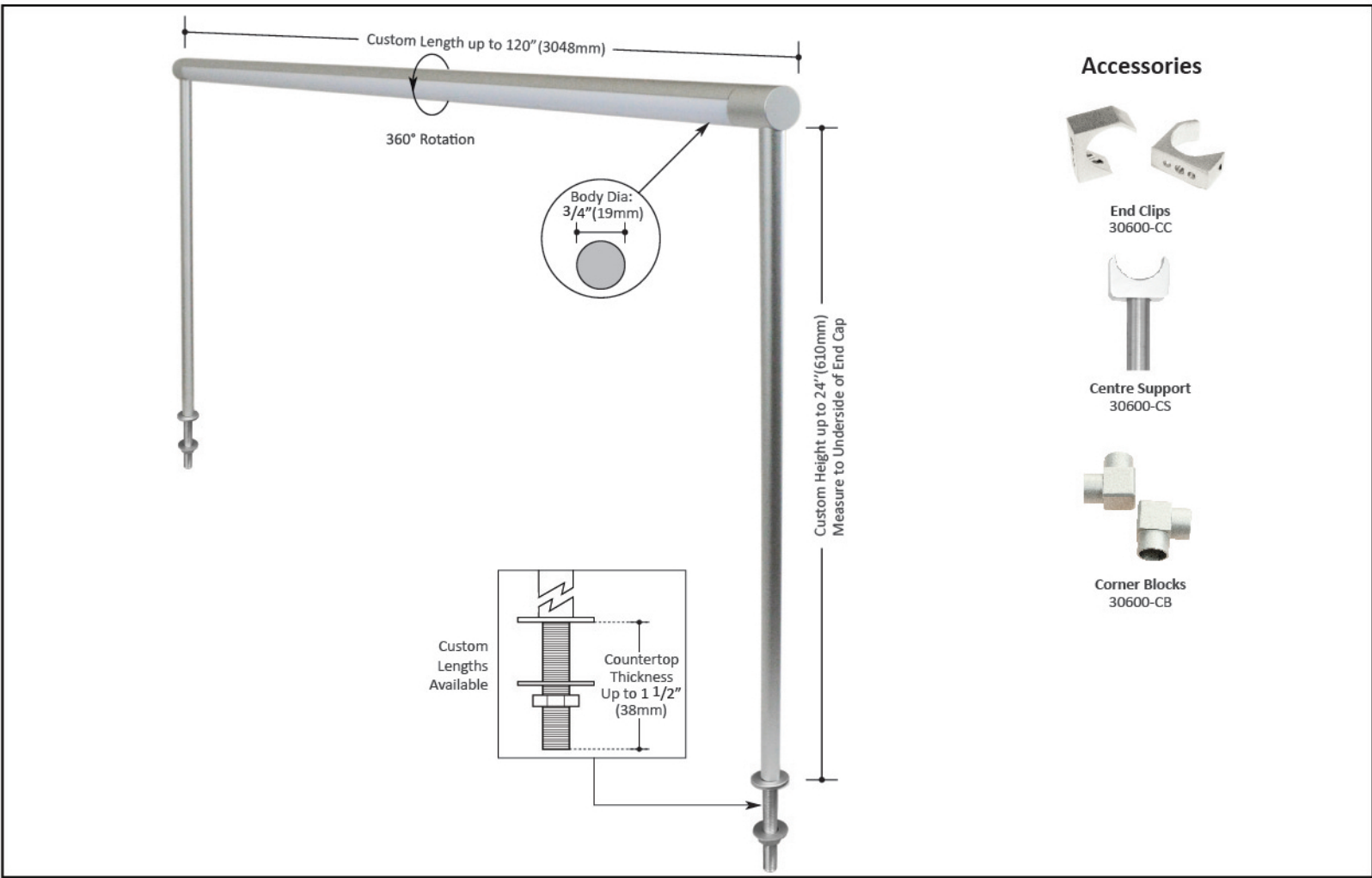


Type	
Project	
Catalog No.	

**IMAGE**



**DESCRIPTION**

The original Luna with its 3/4" (19mm) diameter profile is a timeless classic 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 object on display. High color accuracy LEDs specified up to 95+ CRI.

Many mounting options available. Clips allow Luna to be installed into cabinets with wood or metal sides without the need for stems. Quad end cap allows the Luna to be configured at 90° to other Luna to form a "U" or completed rectangle around the vitrines.

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.

**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 of 120" (3048mm), lengths 60" (1500mm) or beyond require a center support. When ordering please use a Revlite shop drawing order template.
- Power consumption / Illumination options: 4W/Ft.(13w/m), 6W/Ft.(19w/m), 8W/Ft.(26w/m), 10W/Ft.(33w/m).
- Several mounting options available.
- Custom finishes available.
- cULus Listed.

**APPLICATIONS**

- Showcase Lighting
- Exhibit Lighting
- Retail Displays
- Lectern Lighting

**COMPONENTS**

<b>Power Supplies</b>	24V PP / 24V HW
<b>Accessories</b>	LED
<b>Controls</b>	DIM

**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**

MODEL	LENGTH	HEIGHT	WATTAGE	COLOUR TEMP	FINISH
30600					
	Up to 120" (3048mm)*** Increments: 1/16" (1.5mm)	Up to 24" (610mm) 0: No stems	4: 4W/ft (13w/m) 6: 6W/ft (19w/m) 8: 8W/ft (26w/m)	27: 2700K 30: 3000K 40: 4000K 50: 5000K	BK: Black PL: Polish SL: Silver CU: Custom

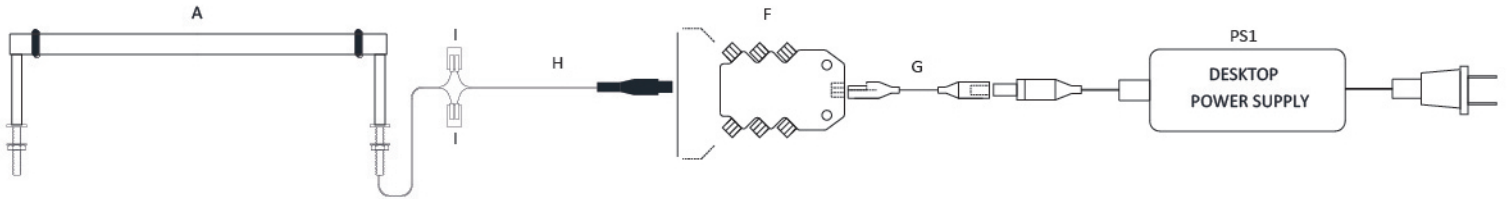
**Example:** 30600-24-8-4-40-BK = 30600, length 24" (610mm), height 8" (203mm), 4W/ft (13w/m), 4000K, black finish

\*\*\* Luna excess of 96"(2400mm) requires special shipping and packaging.

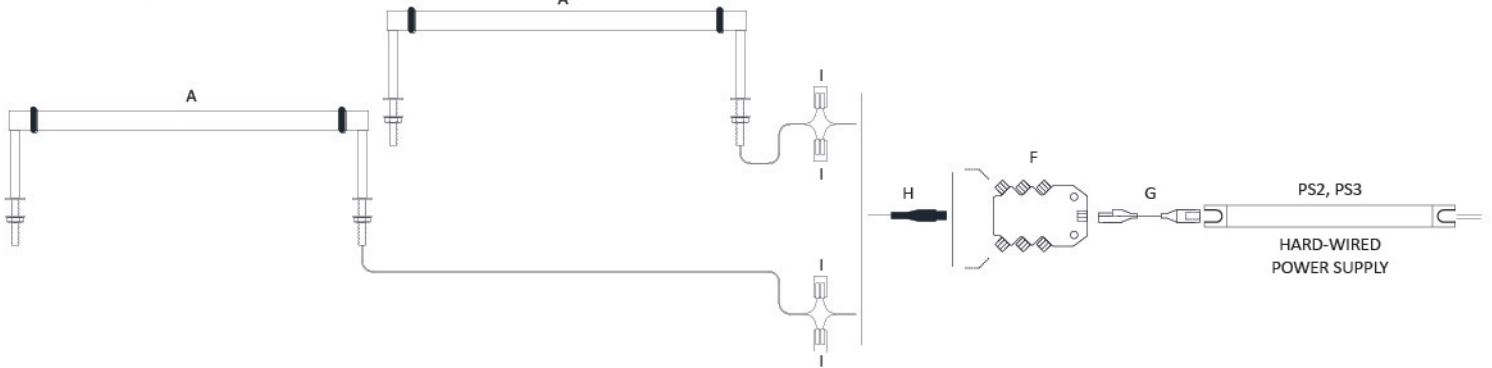
Type	
Project	
Catalog No.	

**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]



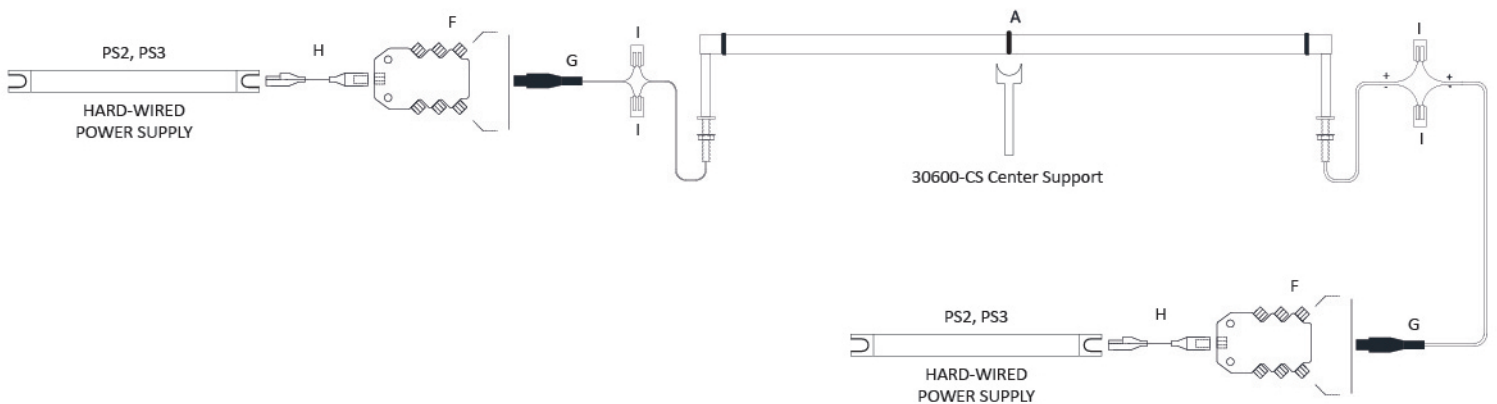
Option #1: Hardwire. Hard-Wired Wiring Diagram [for fixtures less than 60"(152cm) long]



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

Note:

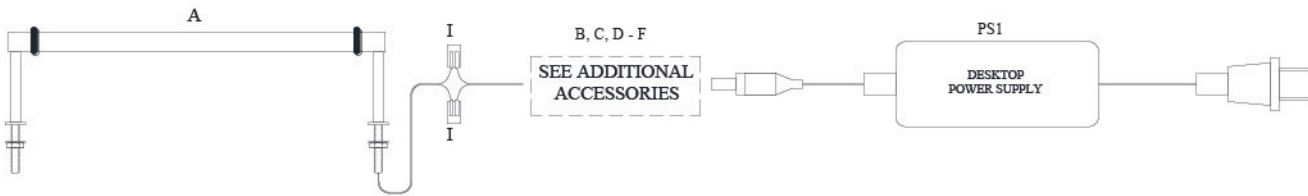
- \* Fixtures more than 60"(152cm) long need to have one feed on each end to prevent voltage drop and subsequent light loss across the fixture.
- \* If the wattage is low enough, a single transformer wired to both ends might suffice.



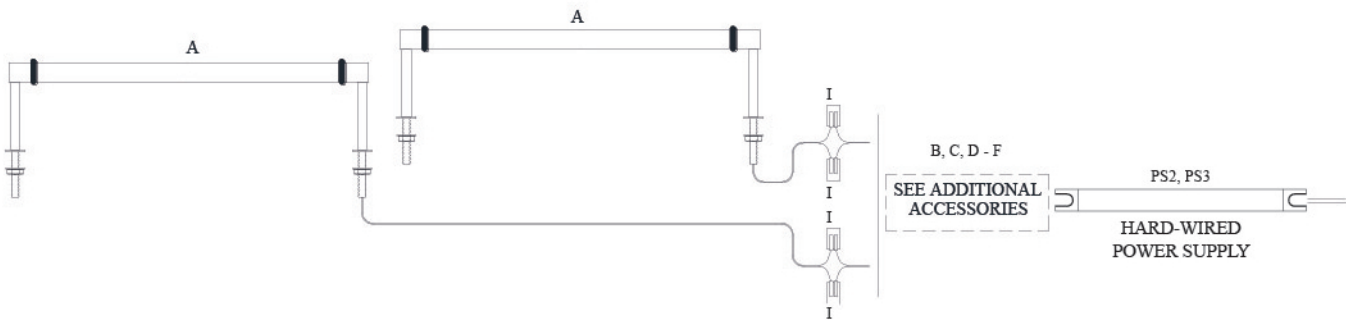
Type	
Project	
Catalog No.	

**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]



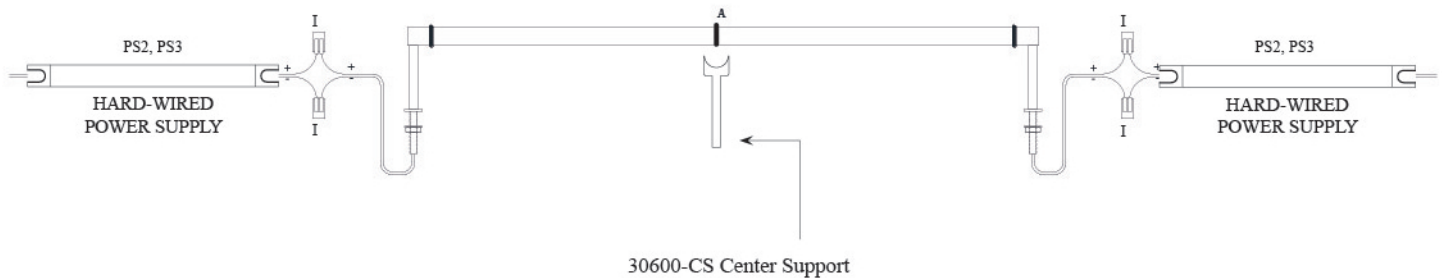
Option #2: Hardwire. Hard-Wired Wiring Diagram [for fixtures less than 60"(152cm) long]



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

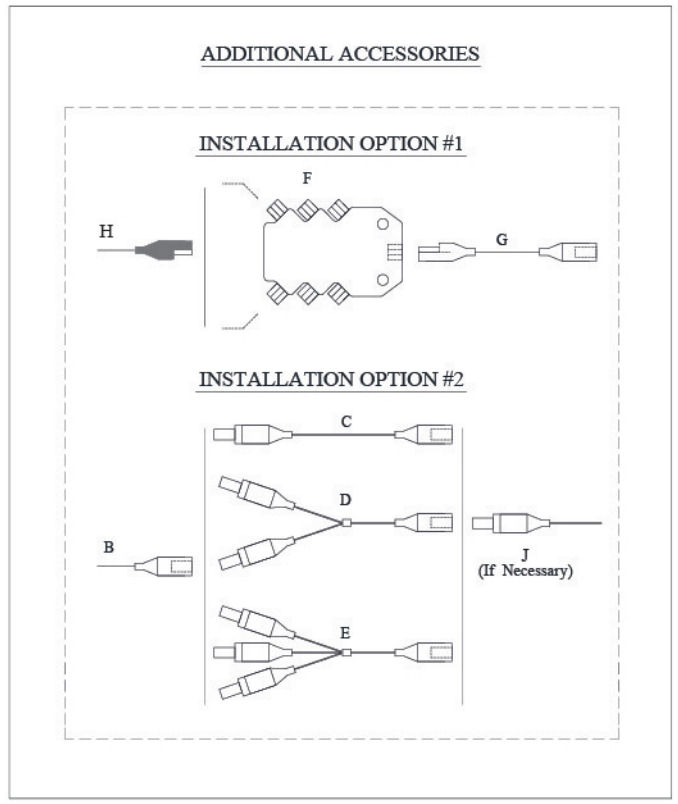
Note:

- \* 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	15" (380mm) Female DC barrel connector Black / White
	RL-DC-F-15-WH	15" (380mm)
C	RL-DC-1-BK	36" (915mm) DC barrel connector extension Black / White
	RL-DC-F-1-WH	36" (915mm)
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	15" (380mm) 15" hardwire adapter to DC barrel connector
	RL-DC-M-15-WH	15" (380mm)
PS1		Max. fixture (s) length @ 6 W/ft
	RPS-2424-120-240	3 ft (900m) Min: 1 ft (305mm), Max: 2.5 ft (760mm)
	RPS-2460-120-240	9 ft (2.7m) Min: 1 ft (305mm), Max: 6 ft (1.8m)
PS2	RPS-2490-120-240	10 ft (3.05m) Min: 1 ft (305mm), Max: 9 ft (2.7m)
	RPS-VLM60W-24	8.5 ft (2.6m) Min: 1 ft (305mm), Max: 6.25 ft (1.9m)
	RPS-VLM100W-24	12 ft (3.65m) Min: 1 ft (305mm), Max: 10 ft (3.05m)
	RPS-LPV60-24	8.5 ft (2.6m) Min: 1 ft (305mm), Max: 6.25 ft (1.9m)
PS3	RPS-LPV100-24	12 ft (3.65m) Min: 1 ft (305mm), Max: 10 ft (3.05m)
	RPS-LV60-24T-1227-KK	8.5 ft (2.6m) Min: 1 ft (305mm), Max: 6.25 ft (3.05m)
	RPS-LV96-24T-1227-JJ	12 ft (3.65m) Min: 1 ft (305mm), Max: 10 ft (3.05m)



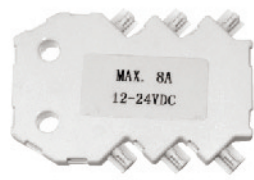
**Note:** Maximum fixture length is 8'(2.4m) with center support. Longer fixture lengths are shown in the chart in case customer needs to connect more than one fixture per driver.

**FIXTURE WIRING ACCESSORIES - INSTALLATION OPTION #1**



**CV-1000-2-1224**

39" (1M) extension cable with PD connectors.



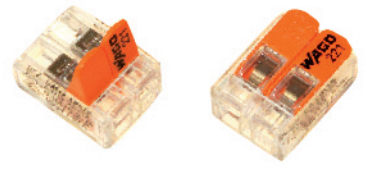
**CV-6SP-1224**

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)



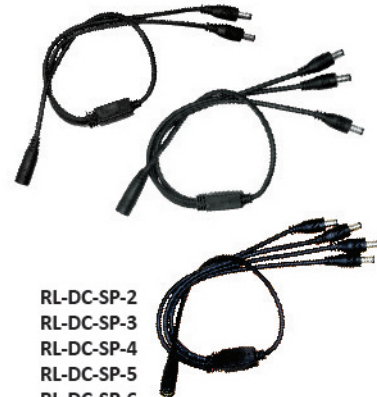
**RL-DC-F-15-BK**  
**RL-DC-F-15-WH**

- 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