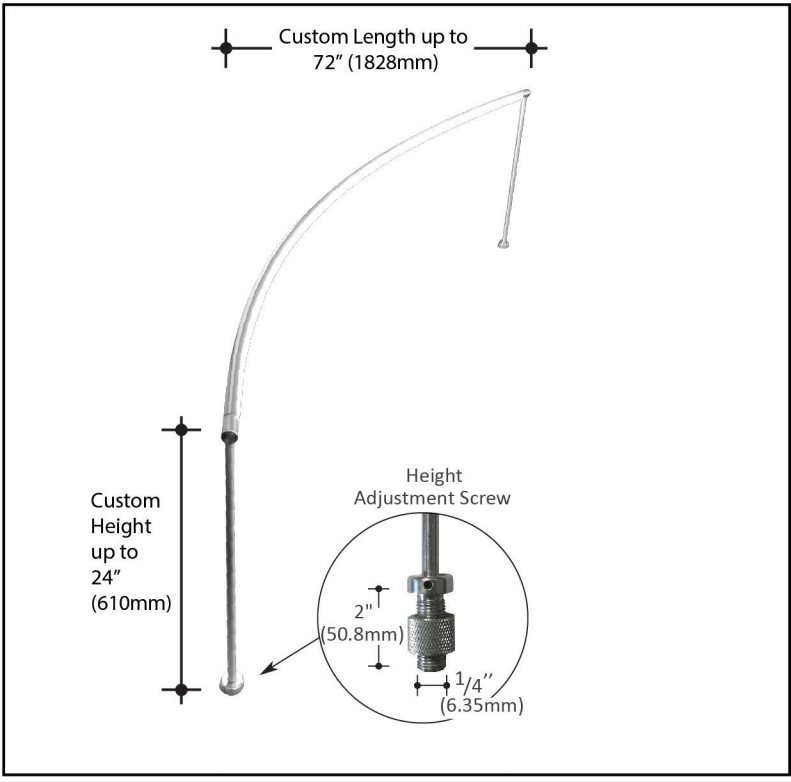


Type	
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Catalog No.	

LUNA FIXTURE WITH STEMS



SPECIFICATIONS

Input Voltage	24 VDC
Wattage	4W/ft (13W/M); 6W/ft (19W/M)
Colour Temp	2700K / 3000K / 3500K / 4000K / 5000K
Dimming	Optional
Lumen Output	80 lm/W at 4000K
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.

DESCRIPTION

Often a designer of retail environments is left to solve a growing design conundrum in modern retail. How to illuminate modern curved showcases and circular vitrines. U-shaped, elliptical and circular showcases are popping up everywhere in modern retailscapes. Typically, the answer is to add a plethora of vertical fixtures every foot or so or, install a combination of straight linear fixtures in a segmented or pixilated fashion with vertical fixtures to fill in the gaps in an attempt to illuminate the curves.

The answer to this conundrum is the Revlite Luna Jr-Arc. This fixture has all the features of the straight Luna Jr with the added benefit of being infinitely variable in its curve allowing it to mirror the shape of the showcase or vitrine in which it is installed. Further the fixture can be combined with "T" blocks in the accessory section to form a continuous curved linear fixture illuminating any lengthy curved glass on glass showcase with consistent illumination. The lens of the Luna Jr-Arc is perfectly positioned at a 45° angle from the vertical and with a 90° beam spread illuminating the cabinet without any visible glare to the viewer.

Luna Jr-Arc is formed by roll forming and hand finishing according to the radius chosen by the client's CAD design. Most radii can be accomplished from 20" upwards with lengths up to 76".

FEATURES

- Bend radius as tight as 20" (508mm).
- 90° beam angle with soft light optics with no visible hotspots.
- Slim 3/8" (9.5mm) heat sink body.
- Light source: High Density High CRI LEDs (2700K, 3000K, 3500K, 4000K, 5000K).
- Simple 24VDC power input: Fixture may be daisy chained to other fixtures on the same power supply.
- Order customized to your design lengths up to a maximum of 76" (1930mm). When ordering please use a Revlite shop drawing order template.
- Customized stem heights up to 24" (610mm).
- Stems are tuneable to exact on site height dimensions. Set screw locking.
- Power consumption / Illumination options: 4W/ ft, 6W/ft.
- A centre support is required
- Custom finishes available.
- cULus Listed.

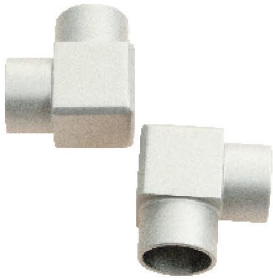
ORDERING INSTRUCTIONS

MODEL	LENGTH (IN)	HEIGHT (IN)	WATTAGE	COLOUR TEMP	FINISH	RADIUSED	CURVE
30600-JR-ARC	Custom Length Up to 72" (1828mm)	Custom Height Up to 24" (610mm)	4: 4W/ft (13w/m) 6: 6W/ft (19w/m)	27: 2700K 30: 3000K 35: 3500K 40: 4000K 50: 5000K	BK: Black PL: Polish SL: Silver CU: Custom	R: Radius	O: Outside I: Inside

Example: 30600-JR-24-8-4-40-BK = 30600-JR, length 24" (610mm), height 8" (203mm), 4W/ft (13w/m), 4000K, black finish. A centre support is required.

Type	
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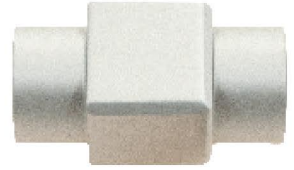
Luna-Jr-Arc Accessories



Corner Blocks
30600-JR-CB



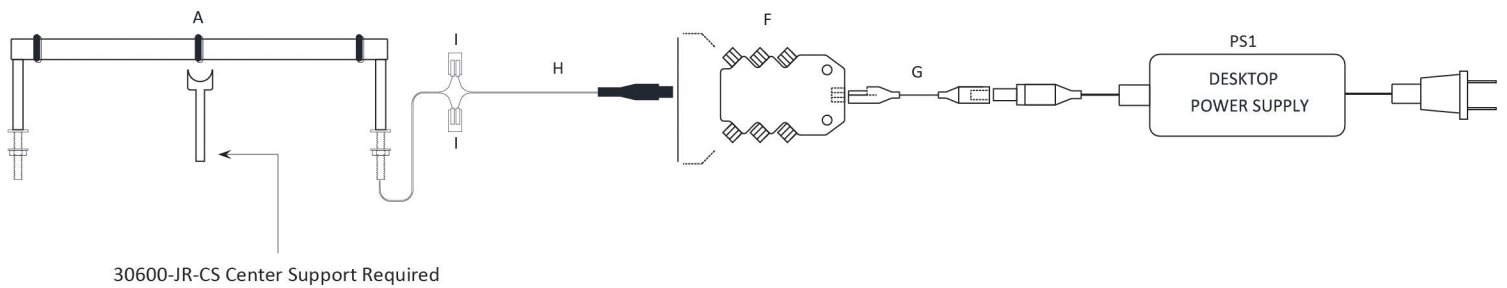
Luna Jr Arc Center Support
30600-JR-CS



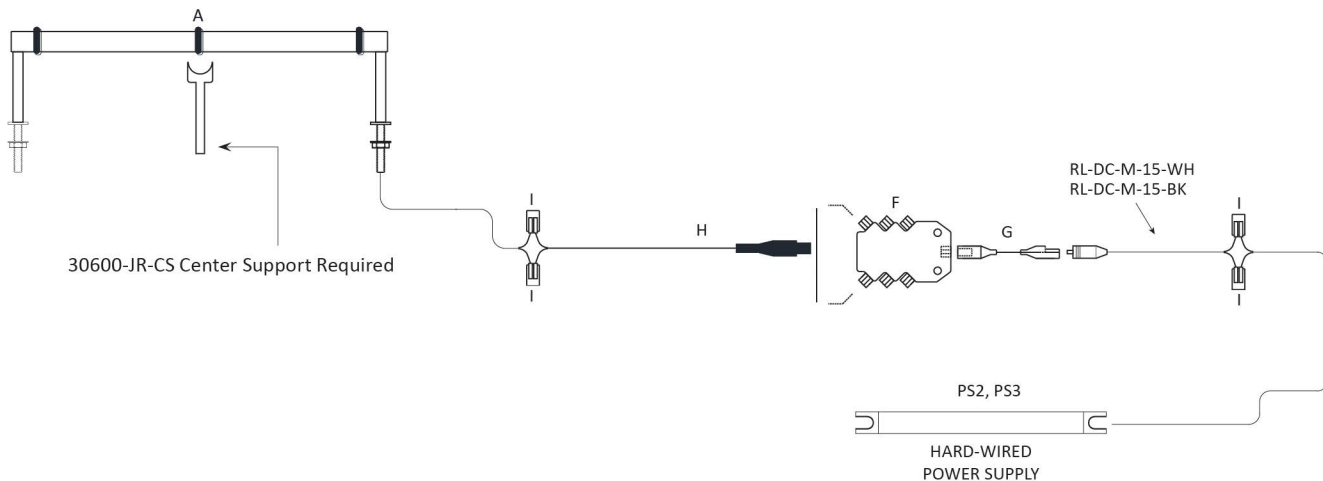
Straight Block
30600-JR-EX

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 66 1/2"(2M) long]



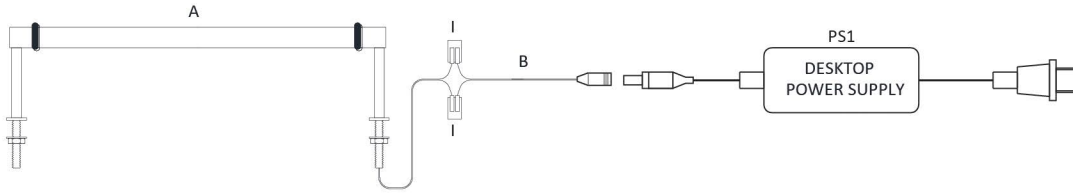
Option #1: Hardwire. Hard-Wired Wiring Diagram [for fixtures less than 66 1/2"(2M) long]



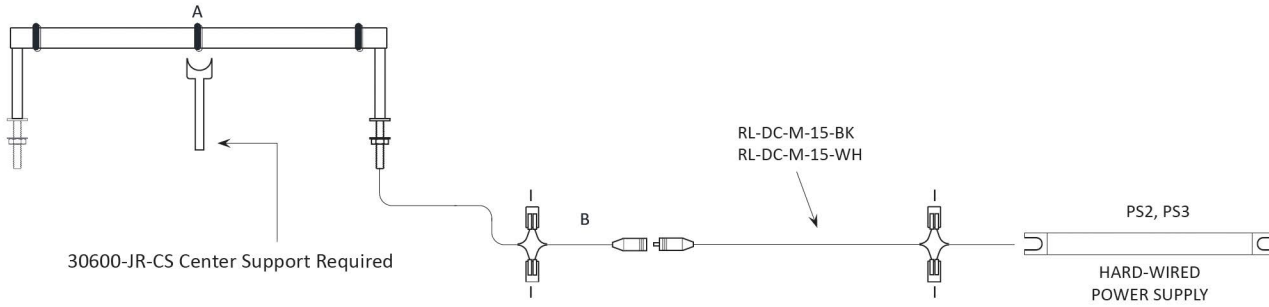
Type	
Project	
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WIRING DIAGRAM - For reference purposes only. Not for installation. Not to scale.

Option #2: Plug & Play. Desktop power supply Wiring Diagram



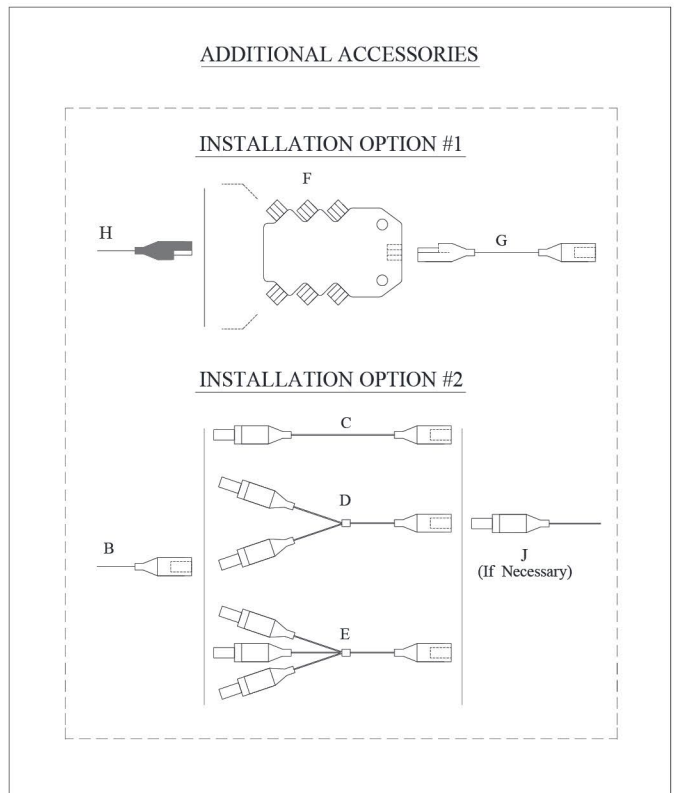
Option #2: Hardwire. Hard-Wired Wiring Diagram



Type	
Project	
Catalog No.	

PARTS LIST

Part#	length	Description
A	30600-JR	Linear LED light fixture
B	RL-DC-F-15-BK	Female DC barrel connector Black / White
	RL-DC-F-15-WH	15" (380mm)
C	RL-DC-1-BK	DC barrel connector extension Black / White
	RL-DC-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)
H	CV-75-EC-24B	3" (75mm)
I	221-412	Wire clamp for hardwire connection
J	RL-DC-M-15-BK	15" (380mm)
	RL-DC-M-15-WH	15" (380mm)
		Max. fixture (s) length @ 6 W/ft
PS1	RPS-2424-120-240	3 ft (900mm)
	RPS-2460-120-240	6.5 ft (2m)
PS2	RPS-VLM60W-24	6.5 ft (2m)
	RPS-LPV60-24	6.5 ft (2m)
	RPS-LPV100-24	12 ft (3.65m)
PS3	RPS-LV60-24T-1227-KK	6.5 ft (2m)



Note: Maximum fixture length is 6.5'(2m) 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



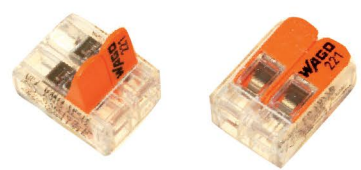
CV-1000-2-1224
39" (1M) extension cable with PD connectors.



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)



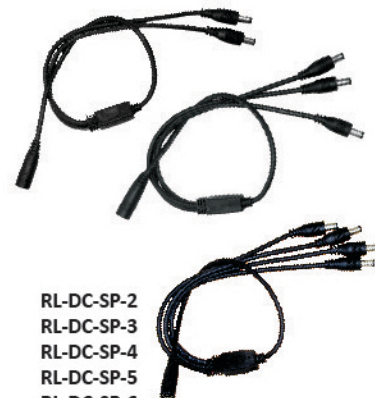
RL-DC-F-15-BK
RL-DC-F-15-WH

- 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-DVLL-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-DVLL-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