

# VANISHING POINT PISTON LED 12VAC

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA | US PATENT PENDING

REV 02.06.20



**VR-FJ12**

Vanishing Point .5" Opening Plaster-In, Remote Power supply (Order separately)



**V2P-FJ12**

Vanishing Point 2" Flush Canopy to dry wall, with ELV power supply in J-Box



**V2MR-FJ12**

Vanishing Point 2" Mill-work Flush-Mount Canopy, Remote Power Supply (sold separately)

## DESCRIPTION:

The Vanishing Point Piston Plaster-In System with integrated LED offers four distinct mounting options. Drywall Application **VR**: - Remote Power Supply (Order Separately) NO visible canopy, you will only see the 0.5in connection at the ceiling as the Fast Jack fixture vanishes into the ceiling. You may feed up to 30 LED fixtures with 12V remote power supply. **V2P** - Connection point at ceiling will show a slight outline of the 2.0" round canopy, ELV power supply fits within the J-BOX. May be painted over to hide 2" round outline of canopy, but will need to be repainted if power supply needs to be replaced. Millwork Application: **V2MR** - Connection point at ceiling 2.0" canopy sits flush in Millwork ceilings for a clean look; remote power option may feed up to 30 LED fixtures. **V2MP** - Connection point at ceiling 2.0" canopy sits flush in Millwork ceilings with included ELV power supply that fits inside J-BOX. Two Finish Options.

## FINISH



Satin Nickel  
**SN**



White  
**WH**

## PHYSICAL:

Construction	Machined from Billet Aluminum
Mounting Options	Fast Jack Monopoint Connection ( <b>VR</b> / <b>V2P</b> / <b>V2MP</b> / <b>V2MR</b> )
Lens	Field changeable TRI-Lens gives a smooth uniform beam at <b>SP</b> Spot Flood 15°, <b>NF</b> Narrow Flood 25°, <b>FL</b> Flood 35°, <b>WF</b> Wide Flood 45°
Fixture Tilt	90°
Fixture Rotation	360°
Average LED Life	60,000 hrs at normal use
Warranty	5 Years Pro-rated

## PISTON LUMEN PERFORMANCE @3000K:

Lumen Flux	517 Lumens
Lumens Per Watt	58
Total Wattage	9W
CRI	95+

\*See complete TM30 data below

## ELECTRICAL:

Remote Power VR, V2MR	120-12VAC Remote Power Supply, Class 2 at 60 watts up to 15ft away or UL2108 up to 300 watts with transformer up to 40 ft. away. May use up to 30 piston fixture on 300 watt transformer
Power in Canopy V2P, V2MP	120-12VAC up to 50-Watts ELV power supply fits within the included J-BOX.
Location	Suitable for damp or dry location, interior use only
Approvals	Title 24, ETL, (Conforms to UL1598 and CSA 22.2 #250.0) Class 2 with 60 watt Transformer
Power Supply	Requires 12VAC-compatible power source (order separately)
Dimming	Dimmable to 1%, percent of flicker <25%. Triac and ELV dimming standard. Compatible with Lutron Diva, Skylark, and Legrand ELV dimmers (Dimmers sold separately).

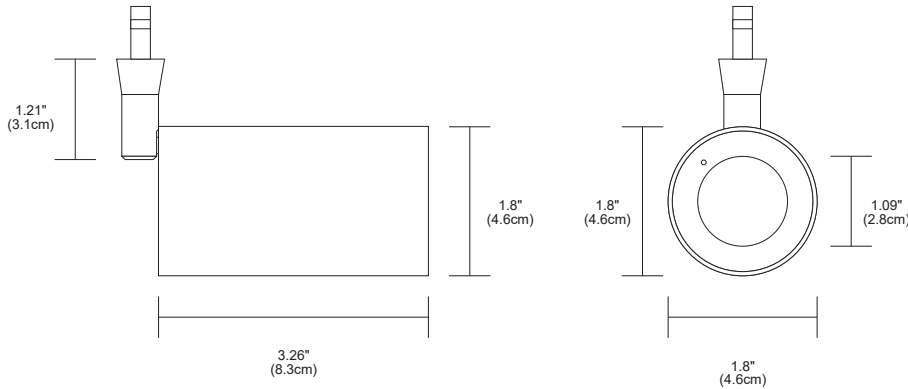
System	Type	Fixture	Head / Beam Spread Lens	Stem Height	Color Temperature	Finish
<b>VR</b>	<b>FJ12</b>	<b>PST</b>	<b>NF</b>	<b>1</b>	<b>30K</b>	<b>WH</b>
<b>VR</b>	Vanishing Point 0.5" Connector In Drywall, No Outline of Canopy at connection point, Remote Power Supply (sold separately)	<b>FJ12</b> Fast Jack 12VAC	<b>PST</b> Piston	<b>SP</b> Spot 15° <b>NF</b> Narrow Flood 25° <b>FL</b> Flood 35° <b>WF</b> Wide Flood 45°	<b>1</b> 1" (2.5cm)	<b>27K</b> 2700K <b>30K</b> 3000K <b>WH*</b> White <b>SN</b> Satin Nickel *White Not Available in Mill-Work
<b>V2P</b>	Vanishing Point 2.0", Slight Outline of 2" Flush of White Canopy, With Power Supply Included in J-Box					
<b>V2MR</b>	Vanishing Point 2" Mill-work Flush-Mount Canopy, Remote Power Supply (sold separately)					
<b>V2MP</b>	Vanishing 2" Mill-work Flush-Mount Canopy, With Power Supply Included in J-Box					

PROJECT		FIXTURE TYPE		DATE	
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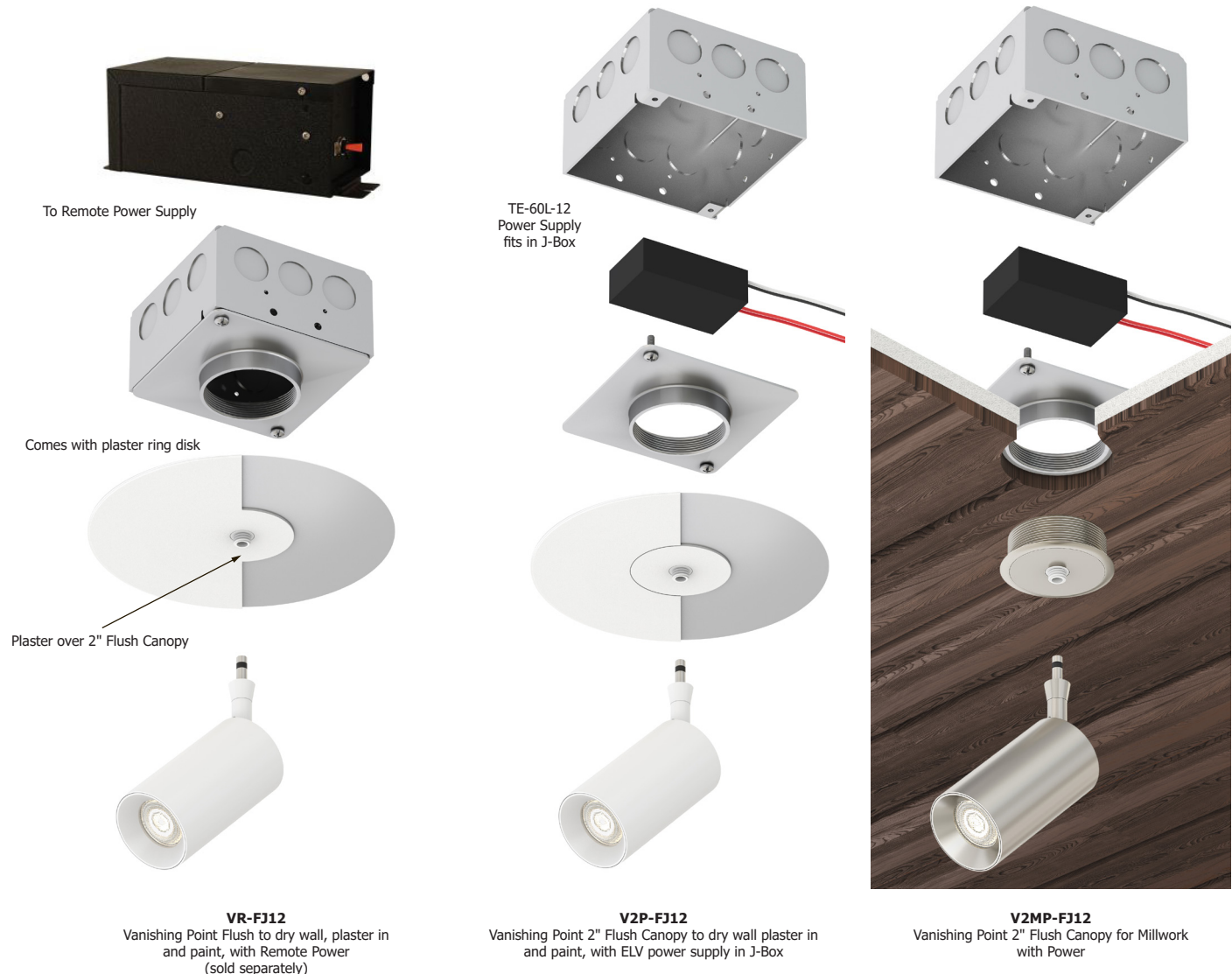


**V2P, V2MP Power Supply in Canopy (Included):**  
Class 2, Up to 50W when used in IC, 60W when non-IC. ELV Power Supply

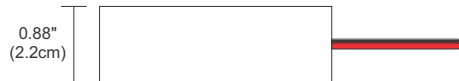
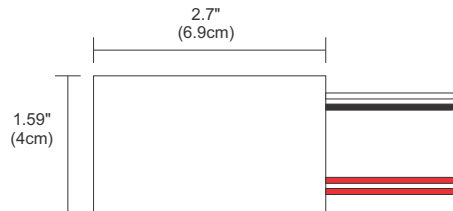
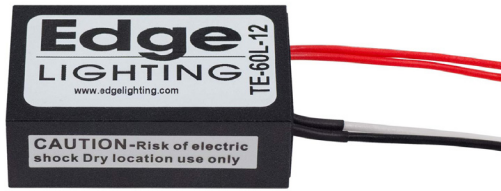
**VR, V2MR Remote Power Supply (Sold Separately):**  
150/300W Magnetic Low Voltage

**DIMMING**  
ELV or Triac

**Warranty / Labels:**  
Prorated 5 year warranty. Assembled in America  
ETL (Conforms to UL1598 and CSA 22.2 #250.0)



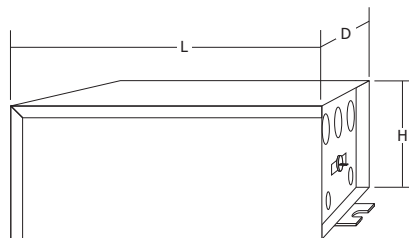
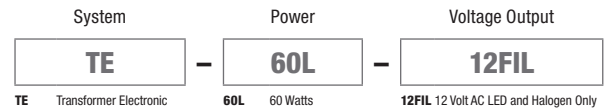
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## REMOTE 60W 12VAC POWER SUPPLY

TE-60L-12 60 Watt. Up to 50W when used in IC, 60W when non-IC. ELV 12VAC Electronic Transformer converts 120 volt line voltage to 12 volts and features built-in short-circuit protection. The solid, lightweight remote power supply fits inside a standard electrical junction box behind a power feed canopy. Must be in an accessible location or inside an electrical box. Class 2 wiring with no conduit. Must be within 15ft of lamp, max six 8 watt fixtures.

- No load technology, works with LED AC loads
- Isolated output power per NEC and UL safety requirements
- UL recognized/listed Class 2 power supply, meets UL 2108 requirements
- Auto-reset; Short circuit, Overload and Thermal protection
- Soft start
- Dimmable

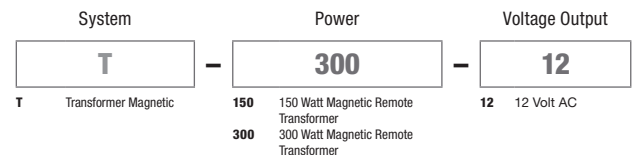


Dimensions:  
8.75"(L) x 4.4"(D) x 3.8"(H)  
(22.2cm x 11.2cm x 9.7cm)

## REMOTE MAGNETIC TRANSFORMER

### 150W AND 300W 12VAC POWER SUPPLY (SOLD SEPARATELY)

The 150 watt or 300 watt 12 Volt Remote Magnetic Transformer converts 120VAC line voltage into 12VAC low voltage power and are protected by fast-acting circuit breakers. The low voltage output powers the Vanishing Point System up to 300 watts using LED MR16 12V lamps, 9 watts max per connection. Power up to 30 Piston Vanishing Point fixtures using a single power supply at 300 Watts and 9 Watts per Lamp. Dimmable with Magnetic Low Voltage Dimmer sold separately.



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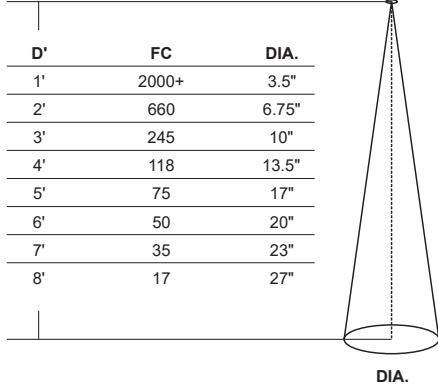
# VANISHING POINT PISTON

## LED 12VAC

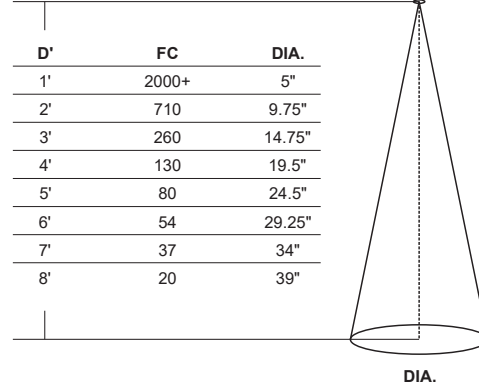
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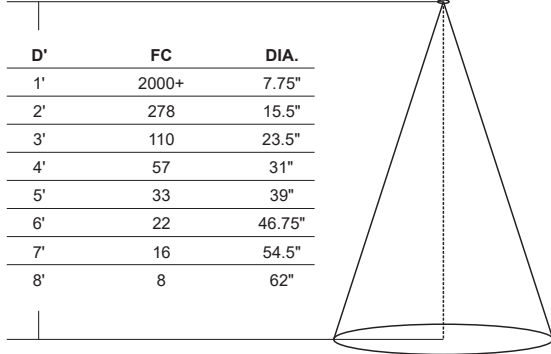
BEAM ANGLE 16° 3000K



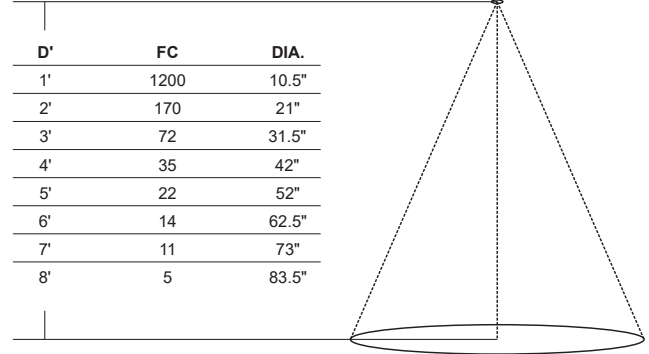
BEAM ANGLE 23° 3000K



BEAM ANGLE 36° 3000K



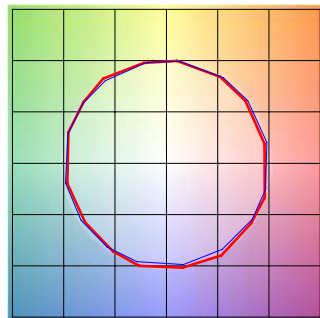
BEAM ANGLE 47° 3000K



### TM-30-15 DATA

3000K | Rf: 93.2 | Rg: 100.8

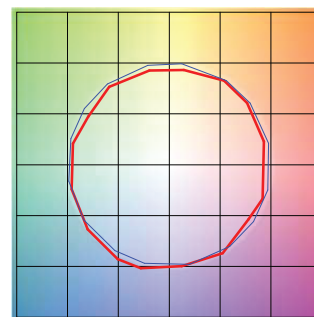
COLOR VECTOR GRAPHIC



		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	94.1	-2.5%	0.9%
2	95.4	-2.0%	1.1%
3	92.2	-0.9%	3.4%
4	94.5	0.0%	2.8%
5	94.0	0.1%	2.8%
6	94.9	2.7%	0.5%
7	95.4	0.2%	-1.9%
8	97.5	-0.1%	-1.5%
9	96.0	-1.7%	0.8%
10	91.1	-2.1%	4.0%
11	88.9	0.2%	7.4%
12	90.5	3.5%	3.0%
13	94.4	2.9%	-1.3%
14	91.4	4.5%	-3.9%
15	92.5	1.1%	-4.1%
16	89.0	0.7%	-7.9%

2700K | Rf: 87.7 | Rg: 96.1

Color Vector Graphic



		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	88.0	-4.3%	2.6%
2	91.6	-2.4%	2.0%
3	93.7	-1.4%	1.9%
4	88.9	-5.6%	-3.1%
5	92.3	-5.5%	-0.5%
6	92.9	-3.5%	0.1%
7	84.5	-7.5%	4.6%
8	90.8	-3.0%	4.4%
9	84.5	-1.3%	8.3%
10	83.9	2.0%	9.8%
11	87.2	5.3%	7.1%
12	89.2	5.4%	-2.6%
13	88.7	0.3%	-7.8%
14	86.8	1.7%	-9.3%
15	87.6	-5.4%	-1.3%
16	83.6	-3.3%	-9.5%

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