

VANISHING POINT TUBO LARGE WALL WASH

24VDC REMOTE POWER



VR

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



V2MR

Vanishing Point 2" Flush Canopy for Millwork, Remote Power supply (Order separately)

DESCRIPTION

The Vanishing Point Tubo Large Wall Wash is a 24VDC Plaster-In System with integrated LED offered in two distinct mounting options for drywall and millwork. The 15 watt track head with integral LED that features a wall wash lens, and is available in multiple color temperatures including Warm Dim (**30D**). The fixture flat-backed tube heat sink design has 360° horizontal and 90° vertical rotation providing maximum illumination and efficiency within a small package. Fixture includes a 5 year pro-rated warranty. Patent Pending. For custom quotes and layout assistance, send your drawings and ideas to our design team: design@PureEdgeLighting.com.

DRYWALL APPLICATIONS (PLASTER-IN)

VR - No visible canopy line, just the small (0.5") point of connection where the Fast Jack disappears into the ceiling. 24V remote power supply (Order Separately).

MILLWORK APPLICATIONS

V2MR - Connection point at ceiling 2.0" canopy sits flush in Millwork for a clean look. 24V remote power supply (order separately).

SPECIFICATIONS

- Power Consumption: 15 watts
- Construction: Die Cast Aluminum
- Dimensions: Ø 2.34" Height 4.92"
- Color Rendering: COB Chromaticity range within a 2-step MacAdam Ellipse
- Average LED life: 60,000 hrs

REMOTE POWER SUPPLIES*, DIMMERS & CONTROLS (SOLD SEPARATELY)

24VDC, CLASS 2 WIRING

- [Uni Trim Power Supply](#) Universal Dimming (**TRIAC, ELV, 0-10V**)
ELV & TRIAC [Smart Dimmer & Switch](#)

APPLICATIONS

Designed for indoor use only in drywall and millwork. Ideal applications in Commercial, Retail, Residential, Hospitality, Education, and Healthcare Institutions.

LAMPING

TUBO WALL WASH	
BEAM ANGLE	55°
CCT	3128
TOTAL LUMENS	884
WATTS	15
LUMENS PER WATT (lm/w)	59
CRI	92
TM-30 DATA	R9: 61.2 Rf: 92 Rg: 100

LENS

Single optic lens gives a smooth uniform asymmetric wall wash beam spread.

WARRANTY / LABELS

Pro-rated 5 year warranty. Assembled in America , RoHS, ETL (Conforms to UL1598 and CSA 22.2 #250.0)

FINISH



Black
BK

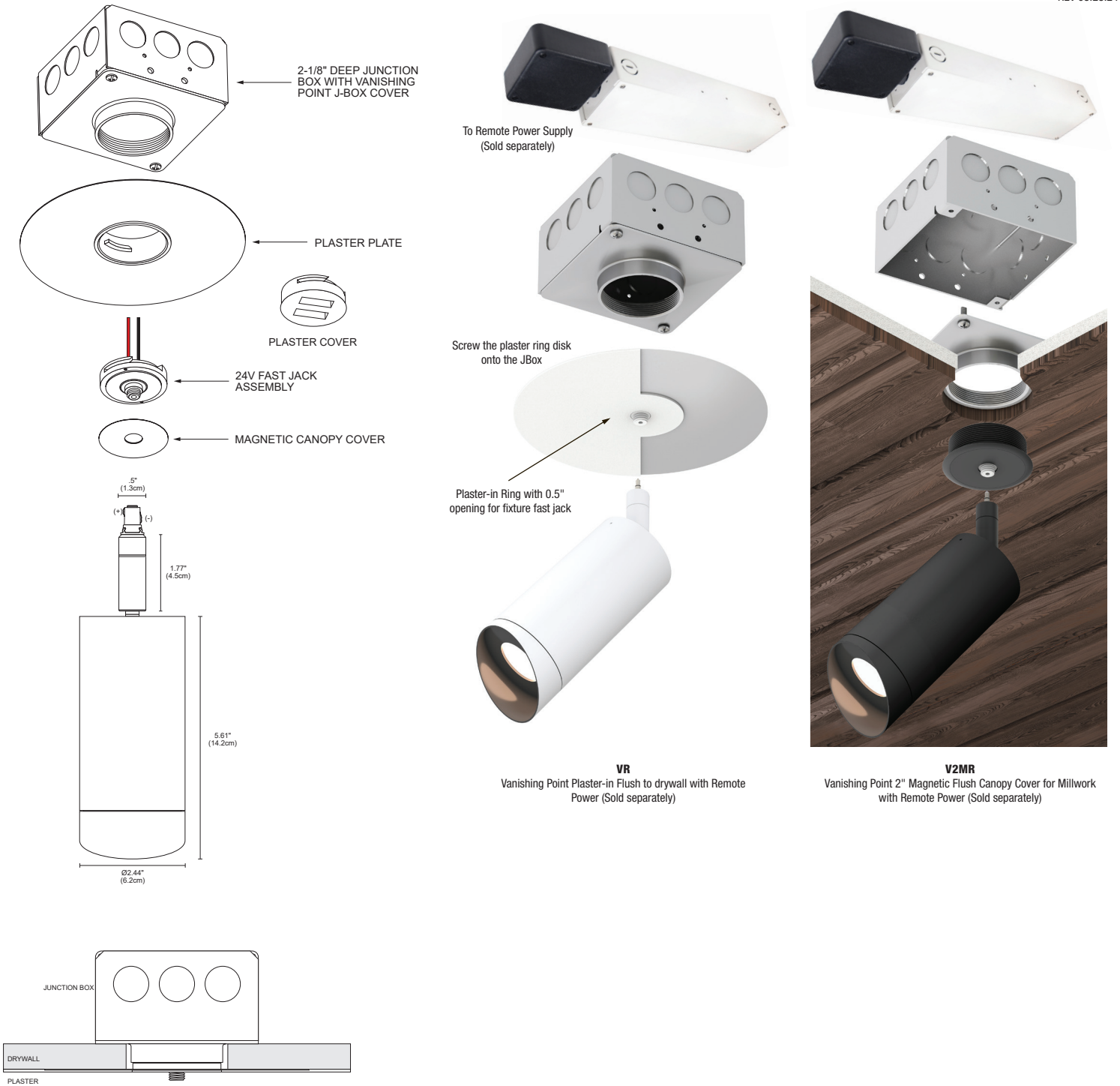
White
WH

Pure White
PW

System	Fixture	Beam Spread Lens	Color Temperature	Finish
VR	TUBL	WW	30K	WH
VR Vanishing Point Drywall Plaster-in with .5" opening with Remote Power supply (order separately)	TUBL Tubo Large	WW Wall Wash	24K 2400K Very Warm White 27K 2700K Incandescent White 30K 3000K Warm White 30D 3000K Warm Dim 35K 3500K Neutral White	BK Black WH Warm White Powder Coat RAL 9010 PW Pure White Powder Coat RAL 9016
V2MR Vanishing Point 2" Flush canopy for Millwork, with Remote Power supply (ordered separately)				

PROJECT		FIXTURE TYPE		DATE	
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VANISHING POINT TUBO LARGE WALL WASH 24VDC REMOTE POWER



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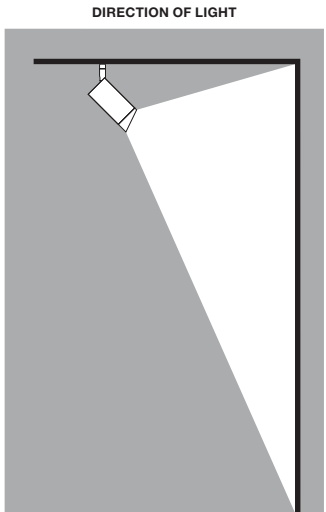
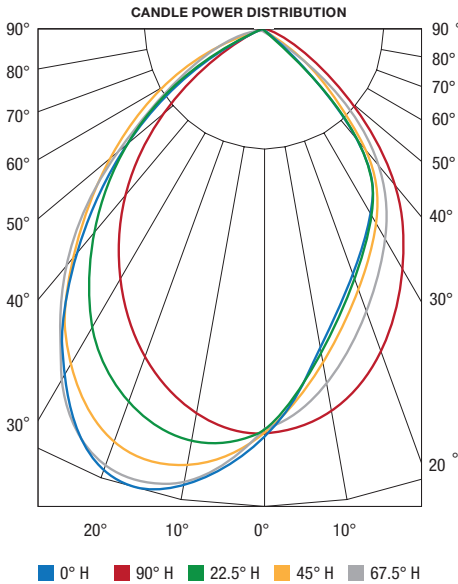
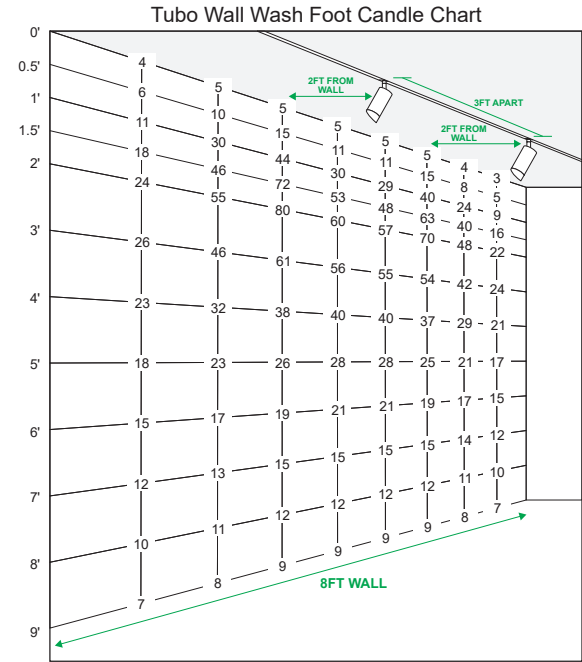
VANISHING POINT TUBO LARGE WALL WASH

24VDC REMOTE POWER

TUBO WALL WASH Photometric Data

REV 08.28.24

D - Distance from fixture
FC - Initial foot candles at the center of beam
DIA - Diameter



PROJECT		FIXTURE TYPE		DATE	
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UNIVERSAL POWER SUPPLIES WITH TRIM

24VDC, UNIVERSAL DIMMING (ELV, TRIAC, 0-10V) STATIC WHITE & WARM DIM FOR TRACK HEADS



DESCRIPTION

The Uni TRIM Power Supply is designed for 24 Volt Track Heads, accepts input voltage in a range of 120 - 277VAC and outputs 24VDC power up to 96 watts. Can be used as a dimmable or non-dim Power Supply. Dims down 7% with an ELV dimmer or a 0-10 volt dimmer when two additional wires are connected to the dimmer. The enclosure provides a space inside for electrical connections. Power Supply features short circuit and overload and over temperature protection. Indoor applications only. For custom quotes and layout assistance, send your drawings and ideas to our design team: design@PureEdgeLighting.com.

MOUNTING

Surface mounted with conduit access

COMPATIBILITY

Compatible with PureEdge 24VDC Track heads (T24, T24M), Vanishing Point and Mono-point/Multi-point heads (FJ24, VR, V2MR, MR2R, M44R, 2RRE, 3R8R).

POWER INPUT

120-277 volts AC, 50/60Hz

POWER OUTPUT

Class 2; 24 volts DC 4A, 96 watts maximum

EFFICIENCY

85%

AMBIENT OPERATING TEMPERATURE

-25C to 40C

ELV DIMMER TYPE

Legrand: Adorne ADTP703TU
Lutron: Diva DVELV-300P, Skylark SELV-300P, Maestro MAELV-600 and Radio RA 2

MAKE IT SMART

ELV & TRIAC [Smart Dimmer & Switch](#)

0-10 DIMMER TYPE

Lutron: Radio RA2 (with GRX-TVI), Grafik Eye Qs (with GRX-TVI), Diva (with PP20); Nova T
Philips: Sunrise SR1200ZTUNV
Leviton: IP710-DL

DIMMING CURVE

Linear, Logarithmic 100% - 7% (HydraDrive)

APPLICATIONS: Indoor*

*To avoid overheating the power supply, install it in a ventilated remote location where air flows. Maintain proper spacing among power supplies when multiple power supplies are installed in the same remote location.

Product	Wattage	Dimming	Voltage	Type	Options
PSB	96W	UNI	24VDC	T	STANDARD (Leave Blank)
PSB Power Supply with Enclosure Box	40W 40 Watt 60W 60 Watt 96W 96 Watt 2X40W 2x40 Watt 2X60W 2x60 Watt 2X96W 2x96 Watt	UNI Universal Power Supply	24VDC 24 Volt DC	T Trim	TB T-Bar CP Chicago Plenum

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UNIVERSAL POWER SUPPLIES WITH TRIM

24VDC, UNIVERSAL DIMMING (ELV, TRIAC, 0-10V) STATIC WHITE & WARM DIM FOR TRACK HEADS

REV 08.28.24

UNIVERSAL POWER SUPPLIES & RECOMMENDED DIMMERS			
ORDERING CODE	PSB-40W-UNI-24VDC-T	PSB-60W-UNI-24VDC-T	PSB-96W-UNI-24VDC-T
SPECIFICATIONS			
MAXIMUM LOAD	40W	60W	96W
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC
DIMENSIONS	15.65" X 6.37" X 3.43"	15.65" X 6.37" X 3.43"	15.65" X 6.37" X 3.43"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2
T-BAR MOUNTING	PSB-40W-UNI-24VDC-T-TB	PSB-60W-UNI-24VDC-T-TB	PSB-96W-UNI-24VDC-T-TB
T-BAR CHICAGO PLENUM	PSB-40W-UNI-24VDC-T-CP	PSB-60W-UNI-24VDC-T-CP	PSB-96W-UNI-24VDC-T-CP

UNIVERSAL POWER SUPPLIES & RECOMMENDED DIMMERS			
ORDERING CODE	PSB-2X40W-UNI-24VDC-T	PSB-2X60W-UNI-24VDC-T	PSB-2X96W-UNI-24VDC-T
SPECIFICATIONS			
MAXIMUM LOAD	2X40W	2X60W	2X96W
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC
DIMENSIONS	15.4" X 9.73" X 3.43"	15.4" X 9.73" X 3.43"	15.4" X 9.73" X 3.43"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2
T-BAR MOUNTING	PSB-2X40W-UNI-24VDC-T-TB	PSB-2X60W-UNI-24VDC-T-TB	PSB-2X96W-UNI-24VDC-T-TB
T-BAR CHICAGO PLENUM	PSB-2X40W-UNI-24VDC-T-CP	PSB-2X60W-UNI-24VDC-T-CP	PSB-2X96W-UNI-24VDC-T-CP

ELV DIMMING & CONTROLS			
LUTRON DIVA: DVELV-300P	•	•	•
LUTRON SKYLARK: SELV-300P	•	•	•
LUTRON RADIO RA3: RR-PROC3-XX	•	•	•
LUTRON MAESTRO: MAELV-600	•	•	•
LEGRAND ADORNE: ADTP-703TUM4	•	•	•

0-10 DIMMING & CONTROLS			
PHILIPS SUNRISE: SR1200ZTUNV	•	•	•
LUTRON DIVA: DVTW-WH, DVSTV-WH	•	•	•
LUTRON NOVA T: NTSTV-DV-XX	•	•	•
LUTRON GRAFIX EYE QS: QSGRJ-XP	•	•	•
LUTRON RADIO RA3: RR-PROC3-XX	•	•	•
LEVITON: LEV40050	•	•	•
LEVITON IP710-LFZ	•	•	•
LEGRAND: ADPD4FBL3P2W4	•	•	•
LEGRAND RADIANT: RH703PTUW	•	•	•

TRIAC DIMMING & CONTROLS			
LUTRON SKYLARK: S2-L-WH	•	•	•
LUTRON DIVA DVLV-600P-WH	•	•	•
LUTRON DIVA DVLV-603P-WH	•	•	•
LUTRON MAESTRO MALV-600-WH	•	•	•
LUTRON MAESTRO MALV-1000-WH	•	•	•
LUTRON MAESTRO MA-R-XX	•	•	•
PURE SMART DIMMER AND SWITCH	•	•	•

- Flicker free dimming
- Aluminum casing for optimal heat dissipation
- Isolated output power per e and UL safety requirements
- UL & ETL recognized/ listed, meets UL 8750, 1310 requirements
- Auto-reset; short circuit, overload and thermal protection
- Class 2 power supply
- Efficient, High power factor > 0.90

- The Solid State Constant Voltage Uni-Power Supply is compatible with most commercially available Dimmers:
 - Triac Dimmer: (Forward Phase) Typically used for the dimming of Incandescent and Low Voltage Magnetic Transformers
 - ELV Dimmer: (Reverse Phase) Dimming of Electronic Low Voltage Transformers and Power Supplies used for LED lighting
 - 0-10 Dimmer : Dims the Low Voltage side of a 0-10 volt power supply commonly used in large scale lighting or commercial applications.
- The Uni-Power Supply is recommended with any Siemens/Murray brand of arc fault breaker to overcome the issues with tripping the breakers with ELV Low Voltage Drivers.

*Title 24 with JA8 listed PureEdge products and systems

PROJECT		FIXTURE TYPE		DATE	
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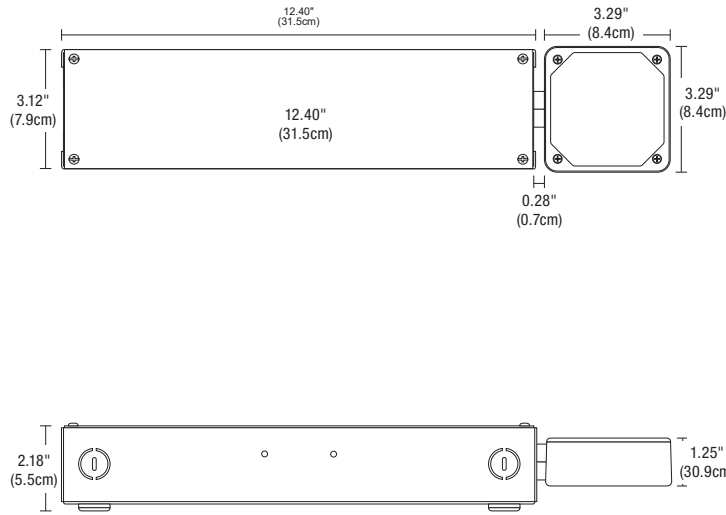
UNIVERSAL POWER SUPPLIES WITH TRIM

24VDC, UNIVERSAL DIMMING (ELV, TRIAC, 0-10V) STATIC WHITE & WARM DIM FOR TRACK HEADS

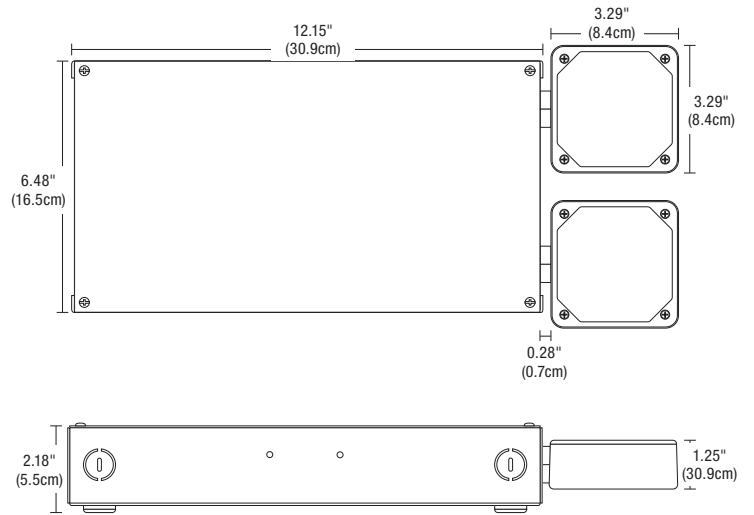
REV 08.28.24

POWER SUPPLY DIMENSIONS & DIAGRAMS

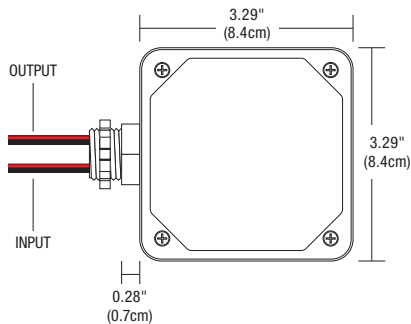
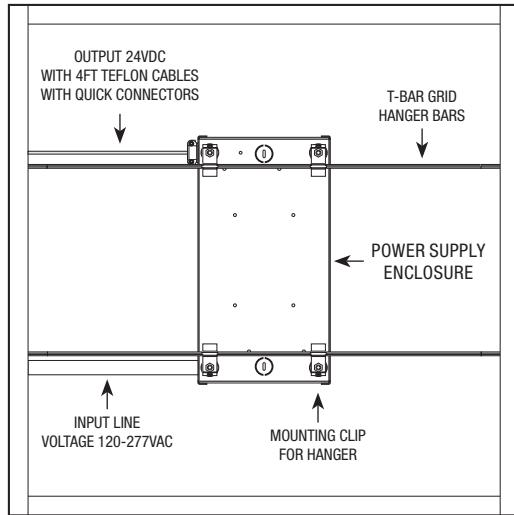
40W, 60W, 96W



2X40W, 2X60W, 2X96W



T-BAR GRID CEILING



VOLTAGE TRIM BOX

Voltage Trim Box is included with power supply. Mounts in 1/2" knock-outs. The part number below is to be used for replacement only.

Product	Voltage	Type
PSB	24VDC	TRIM
PSB Power Supply with Enclosure Box	24VDC 24 Volt DC	TRIM Voltage Trim Box

PROJECT		FIXTURE TYPE		DATE	
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Wiring diagram for the PSB-96W-UNI-24VDC-T power supply. The diagram shows the connection of an ELV DIMMER to the power supply. The input to the power supply is 120-277 VAC, with N (Neutral) and L (Line) wires. The output of the power supply is 24VDC, with a red wire for the positive output and a black wire for the negative output. The power supply is labeled "PSB-96W-UNI-24VDC-T" and "DO NOT USE 0-10V WIRES". The output is connected to three track head options: T24 TRACK HEAD, T24M TRACK HEAD, and F224 TRACK HEAD.

The diagram illustrates the WIZ PRO system architecture, divided into two main sections: connectivity and power supply.

Connectivity Section:

- Smartphone:** A smart phone displays the "WIZ APP".
- Computer:** A desktop/laptop computer displays the "WIZ PRO DASHBOARD".
- Wi-Fi Router:** A Wi-Fi router is connected to the smartphone and computer via wireless signals.
- Cloud:** A cloud icon labeled "WIZ" represents the central cloud service.
- Travel:** A smartphone is shown with the "WIZ" logo, labeled "TRAVEL".
- Integration:** The system is compatible with Google Assistant, Alexa, IFTTT, and Siri Shortcuts. It also features "VOICE CONTROL" with a speaker icon.
- Legend:**
 - Wireless 2.4GHZ Wi-Fi (Blue line)
 - Direct Communication (Orange line)
 - Hardwired (Red line)
- Settings:** A note states "SETTINGS SAVED IN THE EVENT OF POWER LOSS".

Power Supply Section:

- Input:** "INPUT 120 VAC" (L and N lines) enters the system.
- Dimmer:** The input passes through a "PURE SMART DIMMER SWW-DIM-WH".
- Load:** The output of the dimmer is connected to a "LOAD".
- Power Supply:** A "PSB-96W-UNI-24VDC-T" power supply is connected to the load. It has a "GND" connection and an "INPUT" section.
- Output:** The power supply outputs "0-10V WIRES NOT NEEDED" and "OUTPUT" lines.
- Track Heads:** The output is connected to three types of track heads: "T24 TRACK HEAD", "T24M TRACK HEAD", and "F24 TRACK HEAD".

PROJECT	FIXTURE TYPE	DATE
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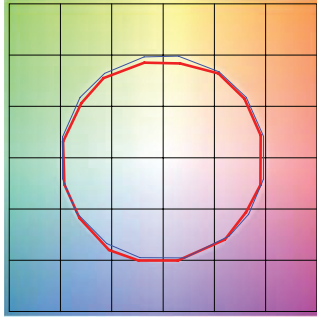
CEILING TM30 DATA

24VDC REMOTE POWER

TM-30-15 DATA: The data below is for Tubo. Consistent color temperatures among multiple track heads is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

2400K | Rf: 91.2 | Rg: 96.8

Color Vector Graphic

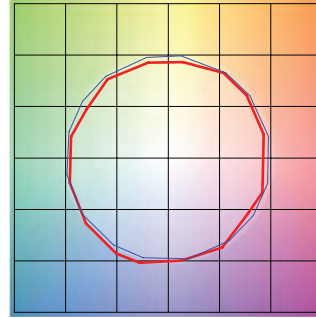


■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	92.0	-2.4%	1.5%
2	94.7	-2.1%	0.0%
3	95.4	-1.9%	-0.1%
4	88.7	-6.7%	-3.1%
5	92.8	-5.6%	1.0%
6	92.7	-3.4%	3.4%
7	89.9	-4.3%	4.1%
8	92.4	-1.4%	4.4%
9	89.0	-0.6%	5.8%
10	88.9	0.4%	6.2%
11	89.7	4.0%	5.4%
12	92.6	3.0%	-0.7%
13	90.9	1.1%	-7.0%
14	89.9	0.5%	-5.8%
15	92.1	-3.2%	0.1%
16	88.9	-1.7%	-6.3%

2700K | Rf: 87.7 | Rg: 96.1

Color Vector Graphic

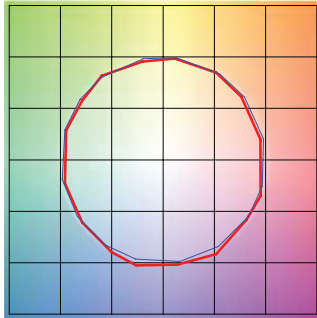


■ Test ■ Reference

		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%

3000K | Rf: 88.1 | Rg: 99.7

Color Vector Graphic

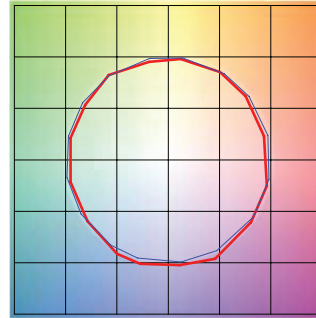


■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	92.5	-3.1%	0.3%
2	93.3	-2.3%	1.9%
3	90.9	-0.8%	3.9%
4	94.3	-1.1%	1.4%
5	92.5	-2.6%	1.5%
6	96.4	1.2%	-0.3%
7	92.6	-2.5%	-0.0%
8	96.9	-1.4%	0.2%
9	92.3	-1.8%	4.3%
10	86.6	-0.7%	7.0%
11	86.5	2.4%	8.2%
12	89.8	5.9%	1.7%
13	93.9	2.6%	-2.7%
14	89.4	5.1%	-5.8%
15	90.1	-0.1%	-4.7%
16	86.5	0.3%	-9.7%

3500K | Rf: 86.1 | Rg: 95.5

Color Vector Graphic

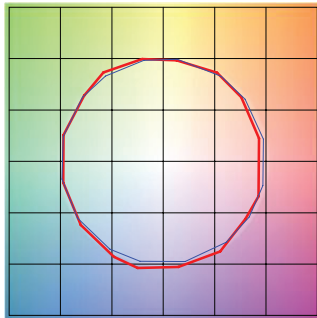


■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	90.8	-3.8%	0.3%
2	92.3	-2.8%	2.1%
3	89.7	-1.0%	4.3%
4	92.6	-1.4%	1.7%
5	91.8	-3.1%	1.3%
6	96.2	0.8%	-0.4%
7	92.9	-3.2%	0.2%
8	94.3	-2.5%	1.5%
9	90.4	-2.5%	5.2%
10	84.3	-1.4%	9.5%
11	83.1	3.5%	9.8%
12	88.2	4.8%	3.4%
13	94.0	2.7%	-2.0%
14	88.7	5.9%	-5.8%
15	88.7	0.7%	-5.9%
16	86.8	-0.7%	-6.7%

3000D | Rf: 89.8 | Rg: 101.4

Color Vector Graphic



■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	90.2	-4.2%	1.5%
2	90.9	-2.0%	3.7%
3	87.9	0.8%	5.5%
4	92.1	-0.9%	0.6%
5	93.0	1.5%	1.6%
6	92.2	3.9%	-0.2%
7	92.1	-0.3%	-2.0%
8	96.7	0.0%	-1.2%
9	92.5	-0.6%	3.7%
10	88.3	1.1%	7.0%
11	87.2	4.1%	7.4%
12	87.2	6.7%	-1.0%
13	88.2	3.8%	-7.2%
14	85.3	4.3%	-9.9%
15	90.9	-2.2%	-3.6%
16	83.4	-2.2%	-11.2%

PROJECT		FIXTURE TYPE		DATE	
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