

# TUBO LARGE WALL WASH WITH FAST JACK CANOPY

24VDC REMOTE POWER, INTEGRATED LED, STATIC WHITE & WARM DIM TECHNOLOGY

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 04.25.25

## DESCRIPTION

The Tubo Wall Wash with Fast Jack (FJ) Canopy is a 15-watt luminaire that delivers up to 711 lumens making the most out of ceiling space while exhibiting a simple yet appealing modern design. The 24VDC Low Voltage, FJ Connector allows you to choose from various monopoint and multiport canopies. The cylindrical flat-back design houses the heat-sink, LED module, and integrated driver offering 360° horizontal rotation and 90° vertical aiming. Available in five Color Temperatures including Warm Dim (30D), that dims from 3000K-1800K exhibiting designer-grade color rendering as high as 97 CRI and R9-98. For custom quotes and layout assistance, send your drawings and ideas to our design team: [design@PureEdgeLighting.com](mailto:design@PureEdgeLighting.com).

## MOUNTING OPTIONS

For use with any PureEdge 24V Fast Jack Port, offering Mono or Multi Point canopies with remote power supply (sold separately)

## REMOTE POWER SUPPLIES (SOLD SEPARATELY)

- Pure Smart™ WiZ Pro [Power Supplies](#) & [Smart Controls](#)
- [UNI Driver: Universal Dimming](#) (TRIAC, ELV, 0-10V)  
ELV & TRIAC [Smart Dimmer & Switch](#)
- [DALI/DALI-2](#)
- [Electronic Low Voltage](#) (ELV)<sup>†</sup> 50W (fits inside junction box)  
<sup>†</sup>ELV power supplies are not compatible with nLight, use only universal power supplies
- [Lutron](#) Hi-Lume/Ecosystem

## DIMMING

- ELV, 0-10V, TRIAC
- Dimmable to 1%, Flicker less than 2%
- Compatible with Lutron Diva, Skylark and Legrand 0-10 Volt dimmers

## LAMPING

BEAM ANGLE	55°
CCT	3000
TOTAL LUMENS	711
WATTS	17
LUMENS PER WATT (lm/w)	45
CRI	95
TM-30 DATA	R9: 97 Rf: 94 Rg: 103
LAMP LIFE	60,000 Hours, 70% Lumen Maintenance

## LENS

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

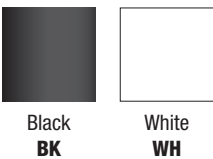
## APPLICATIONS

Designed for indoor use only, dry and damp locations. Ideal applications in commercial, retail, residential, hospitality, education, and healthcare institutions.

## WARRANTY / LABELS

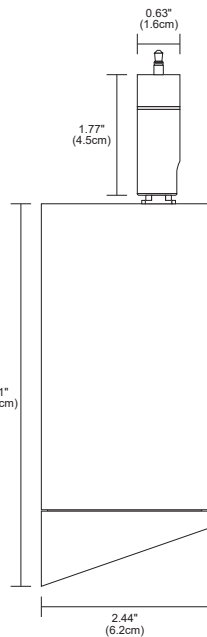
Pro-rated 5 year warranty. Assembled in America, ETL (Conforms to UL1598 and CSA 22.2 #250.0) RoHs

## FINISHES



Black  
BK

White  
WH



Type	Fixture	Beam Spread Lens	Color Temperature	Finish
<b>MR2R</b>	<b>TUBL</b>	<b>WW</b>	<b>30D</b>	<b>BK</b>
<b>MR2R</b> Mono-Point 2" Round Flat Canopy with Remote Power	<b>TUBL</b> Tubo Large	<b>WW</b> Wall Wash Lens	<b>24K</b> 2400K Very Warm White	<b>BK</b> Black Powder Coat
<b>MR4R</b> Mono-Point 4" Round Flat Canopy with Remote Power			<b>27K</b> 2700K Incandescent White	<b>WH</b> White Powder Coat
<b>2RRE</b> 2-Port 12" Rectangular Canopy with Remote Power			<b>30D</b> 3000K Warm Dim to 1800K	
<b>3RRE</b> 3-Port 12" Rectangular Canopy with Remote Power			<b>30K</b> 3000K Warm White	
			<b>35K</b> 3500K Neutral White	

PROJECT		FIXTURE TYPE		DATE	
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# TUBO LARGE WALL WASH WITH FAST JACK CANOPY

24VDC INTEGRATED LED, REMOTE POWER

MONOPOINT 2" ROUND FLAT CANOPY



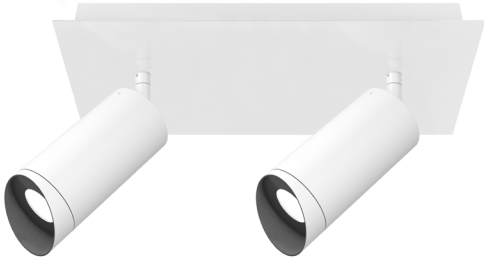
MR2R WITH REMOTE POWER SUPPLY

MONOPOINT 4" ROUND FLAT CANOPY



MR4R WITH REMOTE POWER SUPPLY

2-PORT 12" RECTANGLE CANOPY

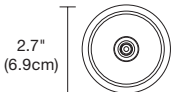
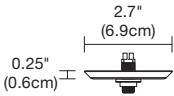


2RRE WITH REMOTE POWER SUPPLY

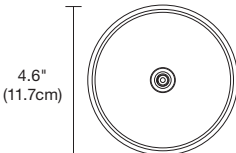
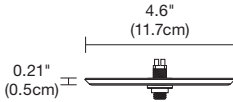
3-PORT 12" RECTANGLE CANOPY



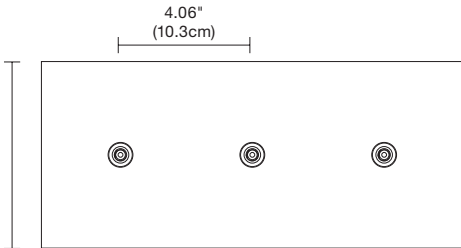
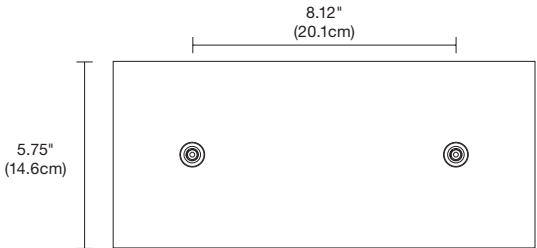
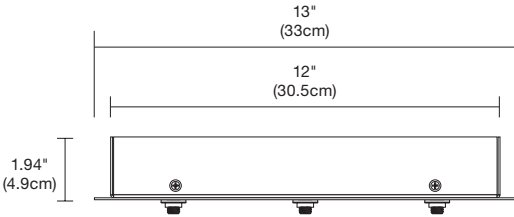
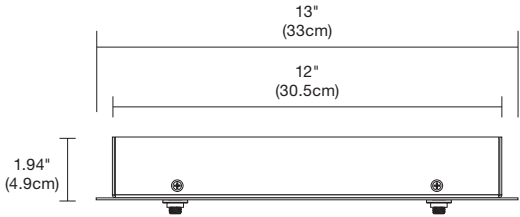
3RRE WITH REMOTE POWER SUPPLY



MR2R

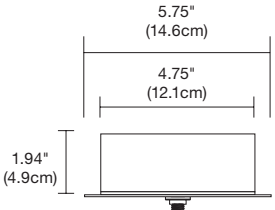


MR4R



2RRE

3RRE



PROJECT		FIXTURE TYPE		DATE	
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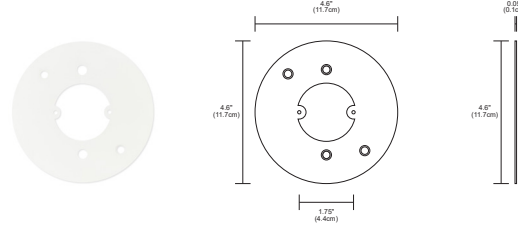
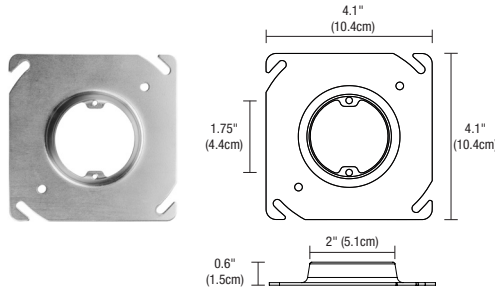
# TUBO LARGE WALL WASH WITH FAST JACK CANOPY

24VDC INTEGRATED LED, REMOTE POWER

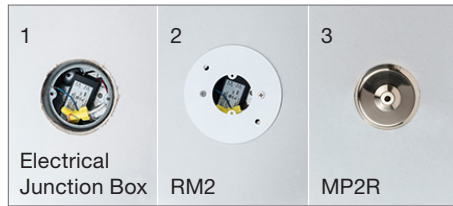
REV 04.25.25

## NEW CONSTRUCTION & REMODEL 2" COVER FOR 4" SQUARE JUNCTION BOX

The New Construction NC2-JBOX Cover is included with the 2" Round and Square Canopies and is not required for the 4" Square Canopies. NC2 New Construction Junction Box Cover mounts to a standard 4" Electrical Box or Octagon Box, converting it to a 2" Plaster Ring for use with the 2R (Round) Canopy. The Remodel RM2-JBOX Plaster Plate cover is used with an existing 4" Square Junction Box and standard Round Plaster Ring. The PS-60L-ELV-24VDC (50 Watt) will fit inside the NC2 or RM2-JBOX Cover and Electrical Junction Box for a flush look.



System	Product
<b>NC2</b>	<b>JBOX</b>
NC2 New Construction 2"	JBOX Junction Box
RM2 Remodel Plaster Plate	



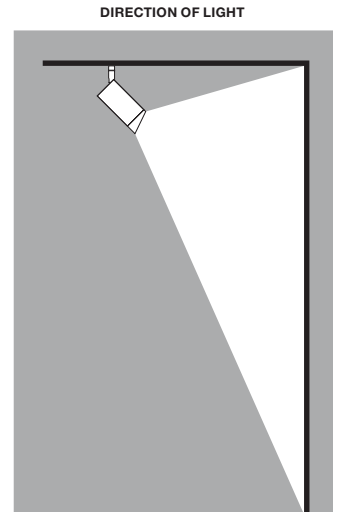
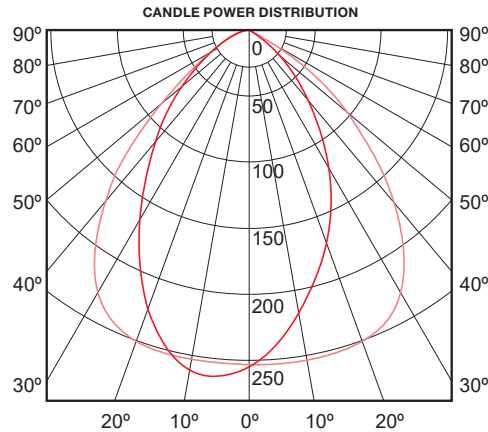
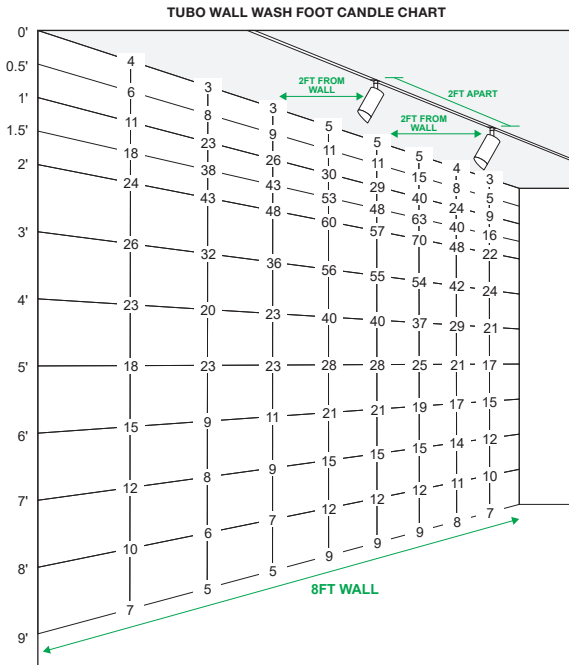
1. Existing 4SQ J-box with Round Plaster Ring
2. Add RM2 Remodel Plate with Power Supply from MP2R fixture
3. Plaster and paint ceiling, then add Canopy and fixture

## TUBO WALL WASH Photometric Data

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](mailto: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
<b>PSB</b>	<b>96W</b>	<b>UNI</b>	<b>24VDC</b>	<b>T</b>	<b>STANDARD</b> (Leave Blank)
PSB Power Supply with Enclosure Box	<b>40W</b> 40 Watt <b>60W</b> 60 Watt <b>96W</b> 96 Watt <b>2X40W</b> 2x40 Watt <b>2X60W</b> 2x60 Watt <b>2X96W</b> 2x96 Watt	UNI Universal Power Supply	24VDC 24 Volt DC	T Trim	<b>TB</b> T-Bar <b>CP</b> Chicago Plenum

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 04.25.25

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: LEV400S0	•	•	•
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

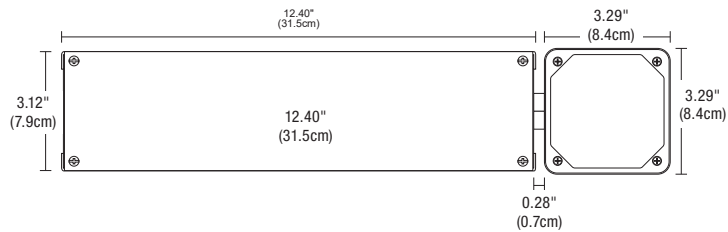
PROJECT		FIXTURE TYPE		DATE	
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# UNIVERSAL POWER SUPPLIES WITH TRIM

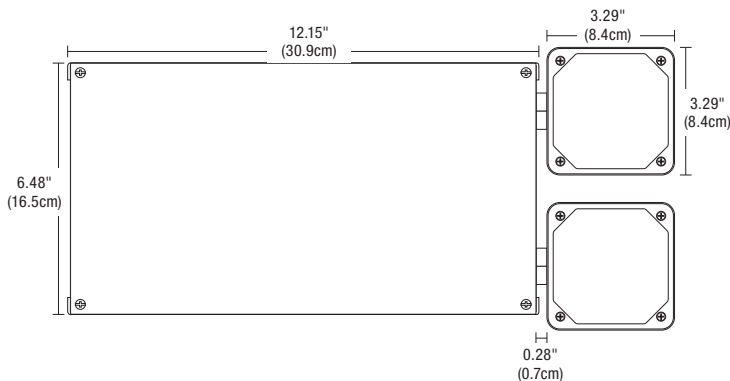
24VDC, UNIVERSAL DIMMING (ELV, TRIAC, 0-10V) STATIC WHITE & WARM DIM FOR TRACK HEADS

## POWER SUPPLY DIMENSIONS & DIAGRAMS

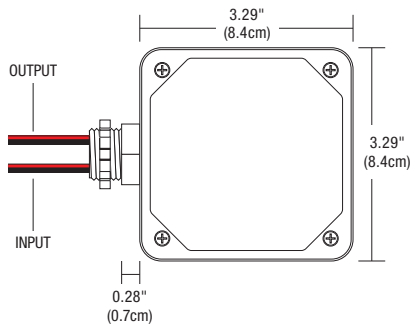
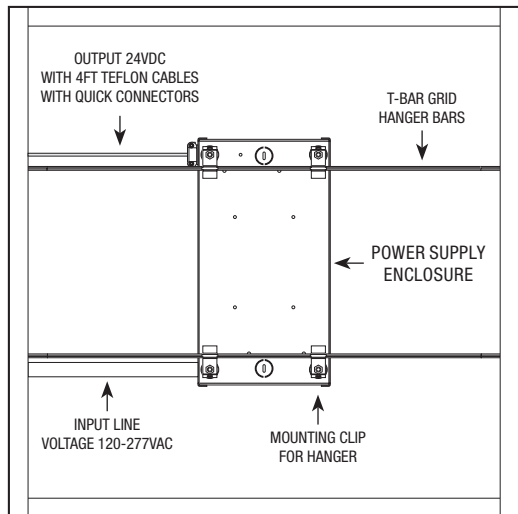
### 40W, 60W, 96W



### 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.

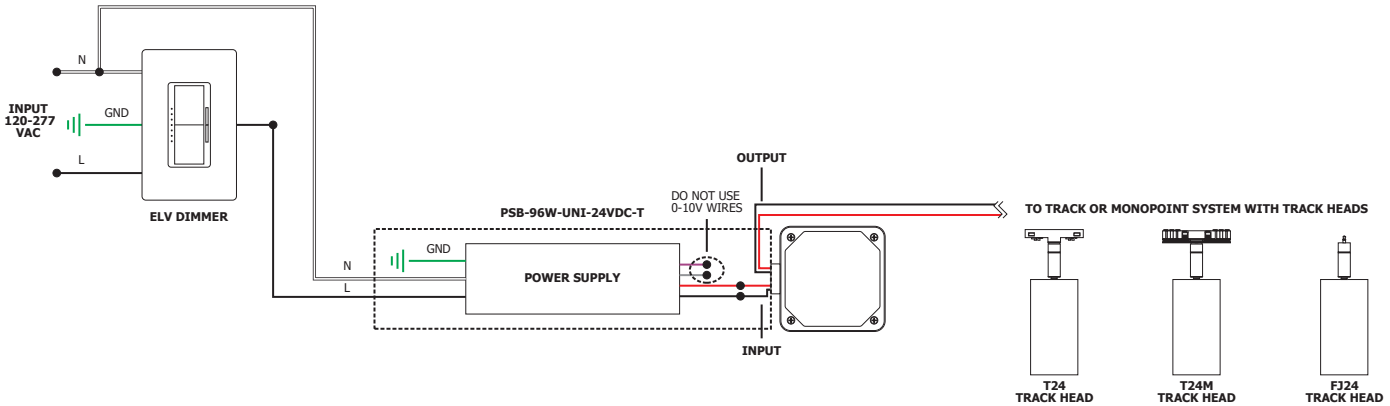
Product	Voltage	Type
<b>PSB</b>	<b>24VDC</b>	<b>TRIM</b>
PSB Power Supply with Enclosure Box	24VDC 24 Volt DC	TRIM Voltage Trim Box

PROJECT		FIXTURE TYPE		DATE	
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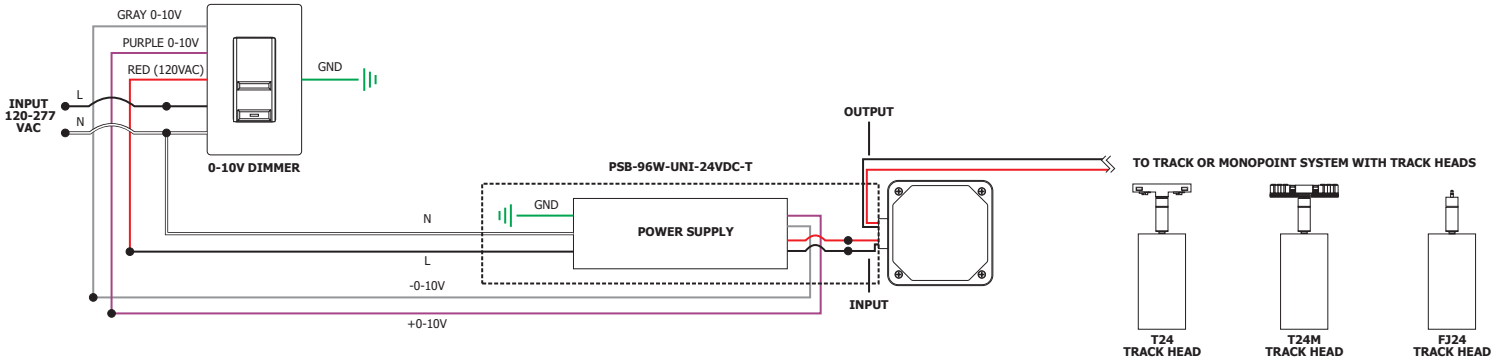
# UNIVERSAL POWER SUPPLIES WITH TRIM

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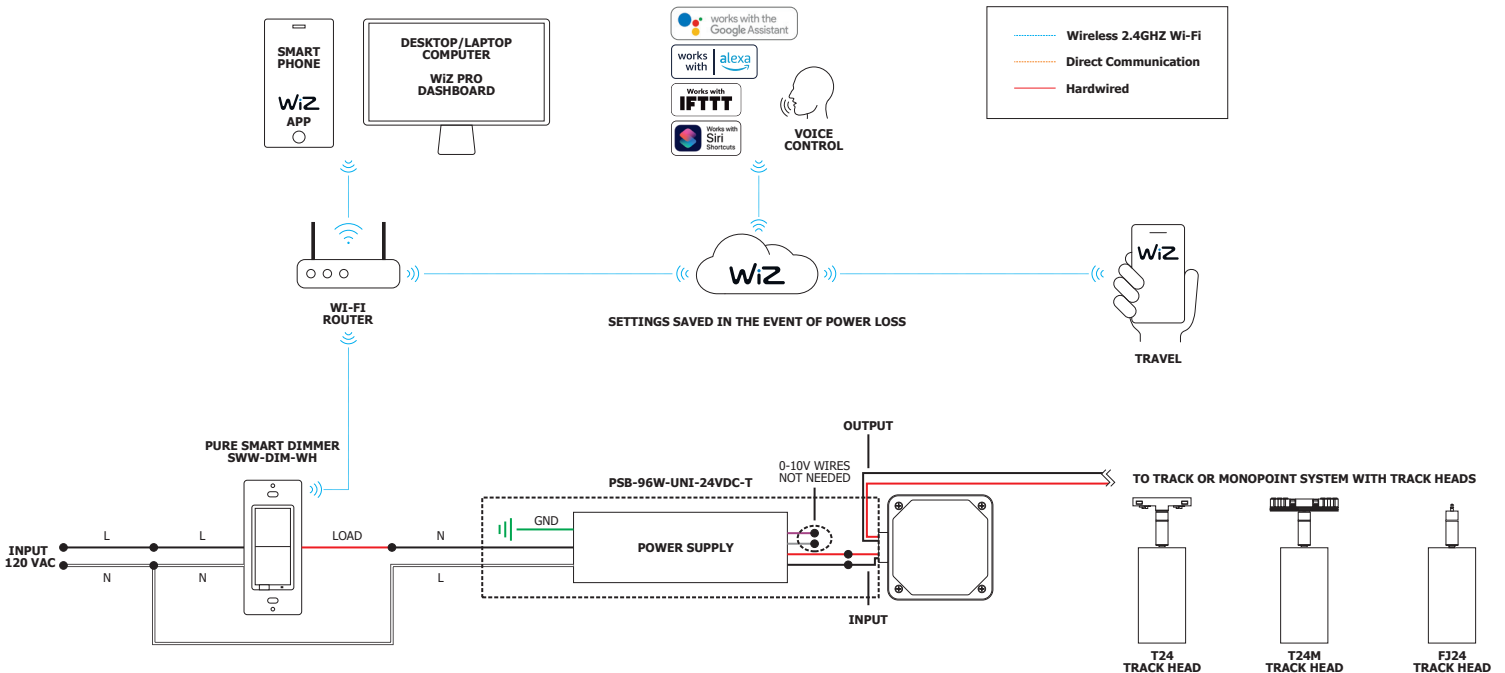
## ELV WIRING DIAGRAM



## 0-10V WIRING DIAGRAM



## SMART WIRING DIAGRAM & NETWORK TOPOGRAPHY



PROJECT		FIXTURE TYPE		DATE	
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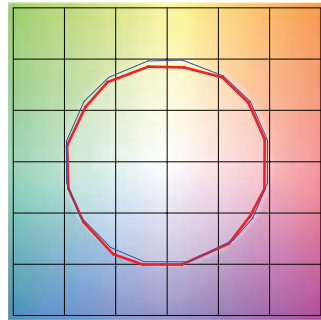
# CEILING TM30 DATA

24VDC INTEGRATED LED, 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

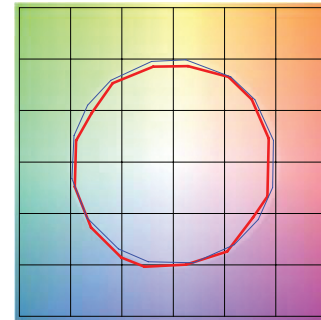


■ Test ■ Reference

		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

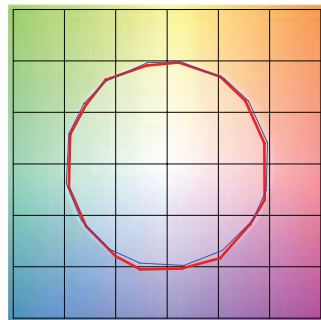


■ Test ■ Reference

		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

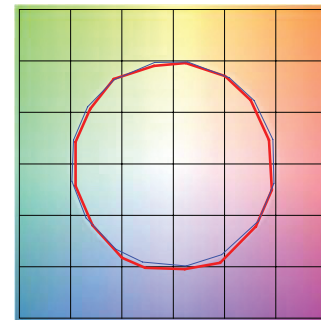


■ Test ■ Reference

		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

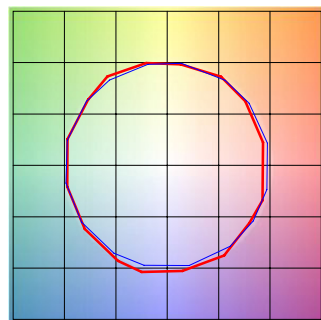


■ Test ■ Reference

		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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