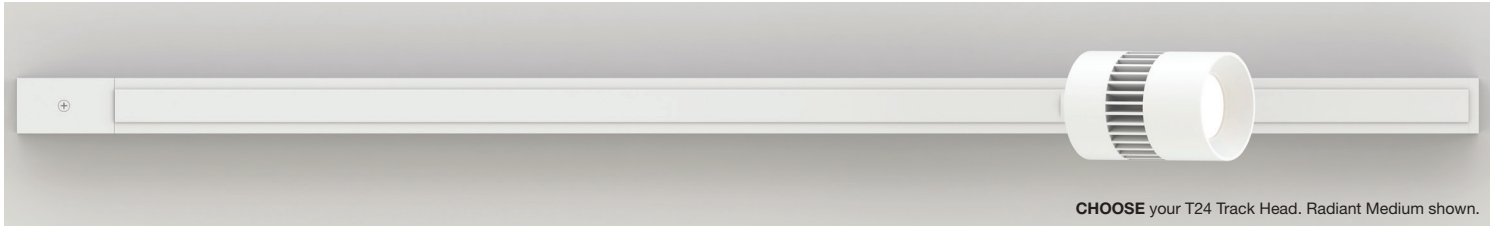


TS24 TRACK SURFACE

SINGLE CIRCUIT, 24VDC



CHOOSE your T24 Track Head. Radiant Medium shown.

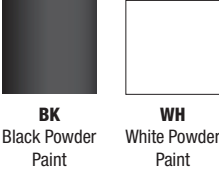
DESCRIPTION

The TS24 Track Surface Mount is designed with a 24VDC remote power supply and minimal track heads giving it a refined appearance. The Single Circuit Track comes with a plastic slot cover that hides the #10 AWG copper conductor allowing the system to blend into the ceiling. Offered in various lengths and can be cut in the field. The T24 Track Heads offer the latest in LED technology including Warm Dim.

FEATURES

- Designed for use with 24VDC Universal Remote Power Supplies up to 40' away
- Remote Power Supply, and minimal Track Heads create a refined architectural aesthetic
- Track Heads allow you to easily adjust the fixture direction, tilt and rotation with one hand
- Track Heads are available in five color temperatures including Warm Dim (30D) that dims from 3000K down to 1800K
- Track Head Lumen Output up to 1256 Lumens with multiple fixed and adjustable beam spread options
- Designer-grade Color Rendering 95CRI
- Power Feeds may be ordered in End and Center, up to 100 Watts before re-feeding, 200 Watts with Center Feed
- TS24 Track Surface Mount is available in 2', 4', 6' and 8' lengths, with the ability to be cut in the field
- Opaque white cover is included to conceal the track slot
- 10 Gauge busbar helps to eliminate voltage drop

FINISH & MATERIAL



- Extruded Aluminum Channel and a pair of #10 Gauge copper busbar conductors

INTEGRAL LED LAMP

- Warm Dim: 30D (3000K-1800K)
- Standard Dim: 24K, 27K, 30K, & 35K
- 50,000 Hour Lamp Life

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

Suitable for damp or dry location. Interior use only

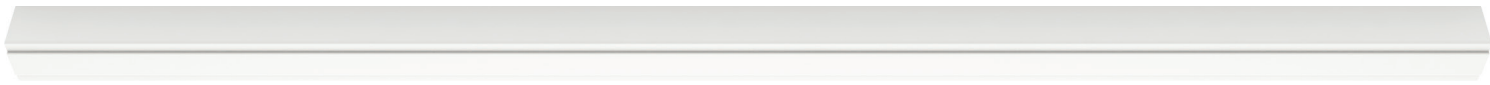
WARRANTY / LABELS

5 year warranty. Assembled in America
ETL (Conforms to UL 2018 and CSA 22.2 #250.0)

| | | | | | |
|---------|--|--------------|--|------|--|
| PROJECT | | FIXTURE TYPE | | DATE | |
|---------|--|--------------|--|------|--|

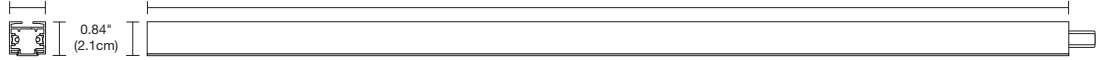
TS24 TRACK SURFACE

SINGLE CIRCUIT, 24VDC

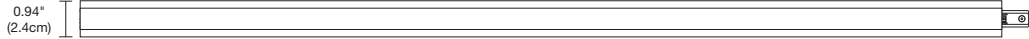


SINGLE CIRCUIT SURFACE 24VDC TRACK

0.94" (2.4cm) 2', 4', 6', 8' (61cm, 121.9cm, 182.9cm, 243.8cm)



SIDE VIEW



BOTTOM VIEW

SINGLE CIRCUIT TRACK

Made of extruded Aluminum Channel, #10 Gauge Round Copper Bus Bar to help eliminate voltage drop and is designed for use with 24VDC Remote Power Supply, sold separately. Includes Opaque Covers for Track Slot, two End Caps, Anchors, and Screws.

| System | Circuit | Length in Feet | Finish |
|--------------------------------|-------------------|--------------------------------------|--|
| TS24 | 1C | 8FT | WH |
| TS24 Track Surface Mount 24VDC | 1C Single Circuit | 2FT 2' 4FT 4' 6FT 6' 8FT 8' | WH White Powder Paint BK Black Powder Paint |



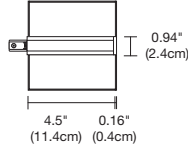
OPAQUE SLOT COVER (INCLUDED)

Included with each Track is a Plastic Slot Cover.

| System | Type | Length in Feet | Finish |
|--------------------------|---------------------------------|----------------|----------------------|
| T24 | SCO | 8FT | WH |
| T24 Track Recessed 24VDC | SCO Opaque Cover for Track Slot | 8FT 8' | WH White BK Black |

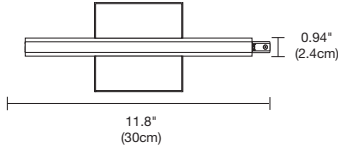
COMPONENTS Power Feeds

END POWER FEED



| System | Type | Canopy | Power Supply | Finish |
|--------------------------------|---|---|---|----------------------------------|
| TS24 | EP1 | 4SQ | RT | WH |
| TS24 Track Surface Mount 24VDC | EP1 End Power Feed, Single Circuit, up to 100 Watts | 4SQ 4" Square, Standard 2.5" deep Electrical Junction Box for Remote Power Supply | RT 24VDC Remote Power Supply (Not Included) | WH White Cover BK Black Cover |

CENTER POWER FEED



| System | Type | Canopy | Power Supply | Finish |
|--------------------------------|---|---|---|----------------------------------|
| TS24 | CP1 | 4SQ | RT | WH |
| TS24 Track Surface Mount 24VDC | CP1 Center Power Feed, Single Circuit Dual Feed, up to 2x100 Watts CPD Dual Connector, 2x100 Watts | 4SQ 4" Square, Standard 2.5" deep Electrical Junction Box for Remote Power Supply | RT 24VDC Remote Power Supply (Not Included) | WH White Cover BK Black Cover |

CONDUIT FEED



TS24-EP1-4FTC-WH

TS24-EP1-COIN-WH

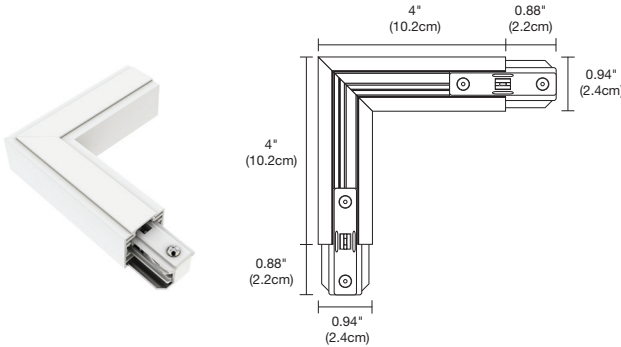
| System | Type | Canopy | Finish |
|--------------------------------|---|---|----------------------|
| TS24 | EP1 | CON | WH |
| TS24 Track Surface Mount 24VDC | EP1 End Power Feed, Single Circuit, up to 200 Watts | CON 1/2" Conduit Feed Connector 4FTC 4' #14Ga Plenum Rated Cable | WH White BK Black |

| | | |
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| PROJECT | FIXTURE TYPE | DATE |
|---------|--------------|------|

TS24 TRACK SURFACE

SINGLE CIRCUIT, 24VDC

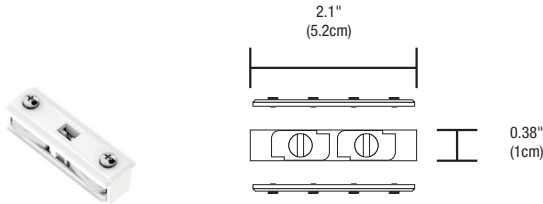
COMPONENTS Connectors, End Cap, & Mounting Clips



L-CONNECTOR

Conductive or Non-Conductive L-Connector joins two straight Track Surface Channels together to make a 90° angle. Order Non-Conductive when adding two Power Supplies in a square configuration.

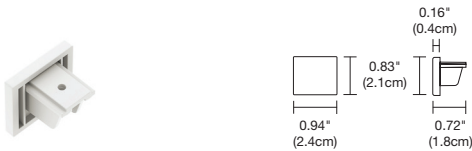
| System | Type | Ceiling Type | Finish |
|--------------------------------|-------------------|---|--|
| TS24 | 1C | LC | WH |
| TS24 Track Surface Mount 24VDC | 1C Single Circuit | LC L-Connector Conductive LNC L-Connector Non-Conductive | WH White with White Cover BK Black with Black Cover |



STRAIGHT CONNECTOR

Miniature Straight Connector joins two Track sections end to end and may be covered by the Plastic Insert.

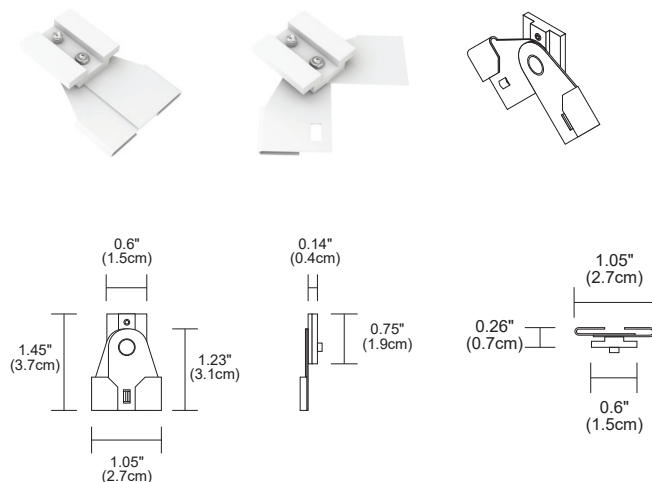
| System | Type |
|-----------------|---------------------------------------|
| T24 | SNC |
| T24 Track 24VDC | SNC Straight Connector Non-Conductive |



END CAP

Need to order with each dead end of TS24 Track System.

| System | Type | Fixture | Finish |
|--------------------------------|-------------------|------------|----------------------------------|
| TS24 | 1C | CA | WH |
| TS24 Track Surface Mount 24VDC | 1C Single Circuit | CA End Cap | WH White Cover BK Black Cover |



TRACK SURFACE T-BAR CEILING MOUNTING CLIP (FOR 1" WIDE T-BAR)

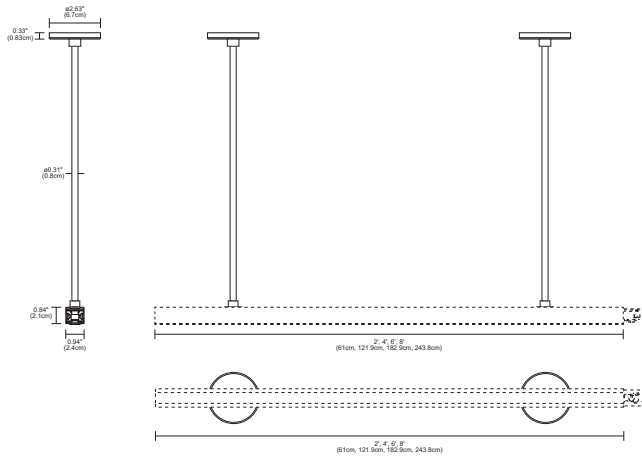
Order 1 for every 2ft of TS24 Track.

| System | Type | Ceiling | Finish |
|-----------------|-------------------|-------------------|----------------------|
| T24 | MCL | TB1 | WH |
| T24 Track 24VDC | MCL Mounting Clip | TB1 1" Wide T-Bar | WH White BK Black |

TS24 TRACK SURFACE

SINGLE CIRCUIT, 24VDC

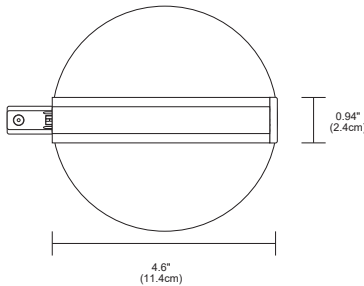
STEM MOUNT Components



STEMS WITHOUT POWER

The TS24 Stem Mount allows the TS24 track system to be suspended from a ceiling. Available in sizes from 4" to 48". Black or White Finish Options, 4" Round Canopy or 2" Round canopy. Custom sizes are available upon request.

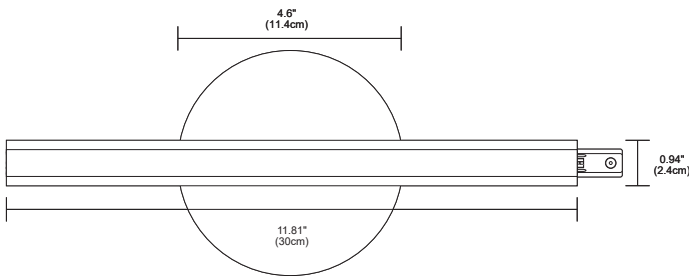
| System | Suspension Type | Canopy | Size | Finish |
|--------------------------------|-----------------|--|--|----------------------|
| TS24 | STM | 2R | 36 | WH |
| TS24 Track Surface Mount 24VDC | STM Stem Mount | 2R 2" Round Canopy 4R 4" Round Canopy | 4 4" 6 6" 12 12" 14 14" 18 18" 24 24" 30 30" 36 36" 48 48" | WH White BK Black |



STEM END FEED WITH POWER

The TS24 End Feed Stem Mount Single Circuit With Power allows the TS24 track to be suspended and powered from a ceiling up to 40' away. Stem lengths available in sizes from 4" to 48". with choice of 4.6" Round canopy that fits on a standard J box or 2.6" Round Canopy for new construction that come with its own 2" Jbox plaster ring. Black or White Finish Options. Custom sizes are available upon request.

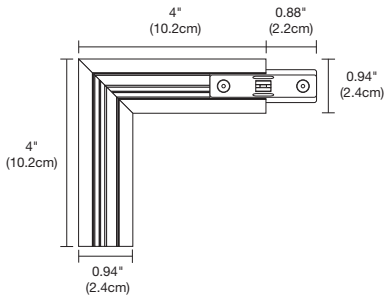
| System | Type | Suspension Type | Canopy | Size | Finish |
|--------------------------------|-----------------------------------|-----------------|--|--|----------------------|
| TS24 | EP1 | STM | 2R | 36 | WH |
| TS24 Track Surface Mount 24VDC | EP1 End Feed Power Single Circuit | STM Stem Mount | 2R 2" Round Canopy 4R 4" Round Canopy | 4 4" 6 6" 12 12" 14 14" 18 18" 24 24" 30 30" 36 36" 48 48" | WH White BK Black |



STEM CENTER FEED WITH POWER

The TS24 Center Feed Stem Mount Single Circuit With Power allows the TS24 track to be suspended and powered from a ceiling up to 40' away, with remote power supply. Stem lengths available in sizes from 4" to 48". With choice of 4.6" Round canopy that fits on a standard J box or 2.6" Round Canopy for new construction that come with its own 2" Jbox plaster ring. Black or White Finish Options. Custom sizes are available upon request.

| System | Type | Suspension Type | Canopy | Size | Finish |
|--------------------------------|--------------------------------------|-----------------|--|--|----------------------|
| TS24 | CP1 | STM | 2R | 36 | WH |
| TS24 Track Surface Mount 24VDC | CP1 Center Feed Power Single Circuit | STM Stem Mount | 2R 2" Round Canopy 4R 4" Round Canopy | 4 4" 6 6" 12 12" 14 14" 18 18" 24 24" 30 30" 36 36" 48 48" | WH White BK Black |



STEM L CONNECTOR WITH POWER

The TS24 Feed Stem Mount Single L Connector Single Circuit With Power allows the TS24 track to be suspended and powered from a ceiling up to 40' away with remote power supply. Stem lengths available in sizes from 4" to 48" with choice of 4.6" Round canopy that fits on a standard J box or 2.6" Round Canopy for new construction that come with its own 2" Jbox plaster ring. Black or White Finish Options. Custom sizes are available upon request.

| System | Type | Suspension Type | Canopy | Size | Finish |
|--------------------------------|---|-----------------|--|--|----------------------|
| TS24 | LP1 | STM | 2R | 36 | WH |
| TS24 Track Surface Mount 24VDC | LP1 L Connector Single Circuit Power Feed L1 L Connector | STM Stem Mount | 2R 2" Round Canopy 4R 4" Round Canopy | 4 4" 6 6" 12 12" 14 14" 18 18" 24 24" 30 30" 36 36" 48 48" | WH White BK Black |



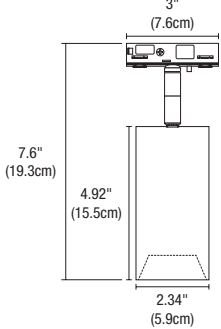
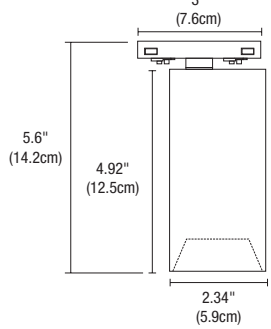
T24 TRACK HEADS

24VDC WITH INTEGRATED LED, STATIC WHITE & WARM DIM TECHNOLOGY

REV 07.03.24



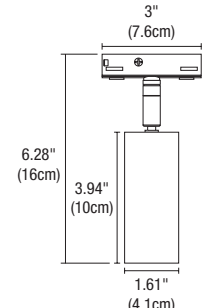
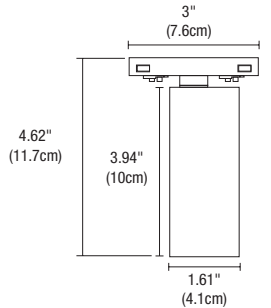
PureEdge T24 Track Heads are Compatible with Surface and Suspended systems only: Pipeline Modular Suspension, Pipeline Track Suspensions and Pipeline Stem Mount Wall/Display (P1SDM, PT, PSTU2CR, PSTU2CR) and Surface Mount track (TS24).

All uniform beam spread options are field changeable. See accessories page for more information.

| TUBO LARGE | | TUBO LARGE DOWNLIGHT | |
|---|--|---|--|
| 14 WATTS | | | |
|  | |  | |
|  | |  | |

| System | Fixture | Beam Spread | Color Temperature | Finish |
|----------------------|---|--|--|--|
| T24 | TUBL | FL | 30K | WH |
| T24 24V Track System | TUBL Tubo Large TUBLD Tubo Large Downlight | NS Narrow Spot 10° SP Spot 20° NF Narrow Flood 35° FL Flood 45° WF Wide Flood 60° For 7° use STB16 snoot with NS | 24K 2400K Very Warm White 27K 2700K Incandescent White 30D 3000D Warm Dim 30K 3000K Warm White 35K 3500K Neutral White 30D NS: 7.5W, 400 lumens | BK Black Powder Coat WH White Powder Coat |

| BEAM ANGLE REFERENCE 45° | | | | | |
|--------------------------|----------------------|-----------------------|----------------------|-----------------------|-----------------------|
| COLOR TEMPERATURE | 24K | 27K | 30K | 30D | 35K |
| TOTAL LUMENS | 1238 | 1035 | 1069 | 683 | 1268 |
| WATTS | 14 | 14 | 14 | 14 | 14 |
| LUMENS PER WATT (lm/w) | 88 | 74 | 76 | 49 | 91 |
| CRI | 97 | 92 | 91 | 97 | 98 |
| TM-30 DATA | R9: 60 Rf: 93 Rg: 98 | R9: 97 Rf: 92 Rg: 100 | R9: 64 Rf: 91 Rg: 98 | R9: 90 Rf: 95 Rg: 102 | R9: 92 Rf: 94 Rg: 101 |

| TUBO SMALL | | TUBO SMALL DOWNLIGHT | |
|---|--|---|--|
| 9 WATTS (WARM DIM: 8 WATTS) | | | |
|  | |  | |
|  | |  | |

| System | Fixture | Beam Spread | Color Temperature | Finish |
|----------------------|---|--|--|--|
| T24 | TUBS | FL | 30K | WH |
| T24 24V Track System | TUBS Tubo Small TUBSD Tubo Small Downlight | NS Narrow Spot 15° SP Spot 25° NF Narrow Flood 35° FL Flood 45° WF Wide Flood 60° For 7° use TUBS-ST snoot with NS | 24K 2400K Very Warm White 27K 2700K Incandescent White 30D 3000D Warm Dim 30K 3000K Warm White 35K 3500K Neutral White | BK Black Powder Coat WH White Powder Coat |

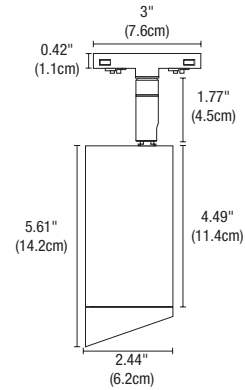
| BEAM ANGLE REFERENCE 45° | | | | | |
|--------------------------|----------------------|-----------------------|----------------------|-----------------------|-----------------------|
| COLOR TEMPERATURE | 24K | 27K | 30K | 30D | 35K |
| TOTAL LUMENS | 503 | 420 | 434 | 287 | 515 |
| WATTS | 9 | 9 | 9 | 8 | 9 |
| LUMENS PER WATT (lm/w) | 59 | 49 | 51 | 39 | 61 |
| CRI | 97 | 92 | 93 | 94 | 98 |
| TM-30 DATA | R9: 60 Rf: 93 Rg: 98 | R9: 97 Rf: 92 Rg: 100 | R9: 64 Rf: 91 Rg: 98 | R9: 90 Rf: 95 Rg: 102 | R9: 92 Rf: 94 Rg: 101 |

All track heads with the exception of Tubo Wall Wash and Zoom are JAB listed with universal power supplies in 27K> CCT. Click the link to access our full Title 24 compliance listings: pureedgelighting.com/resources

| PROJECT | FIXTURE TYPE | DATE |
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TUBO LARGE WALL WASH

15 WATTS

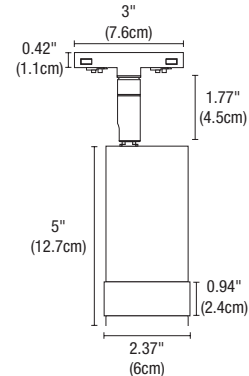


| System | Fixture | Beam Spread | Color Temperature | Finish |
|--------------------|-----------------|--------------|--|--|
| T24 | TUBL | WW | 30K | BK |
| T24 Track Head 24V | TUBL Tubo Large | WW Wall Wash | 24K 2400K Very Warm White 27K 2700K Incandescent White 30K 3000K Warm White 30D 3000K Warm Dim to 1800K 35K 3500K Neutral White | BK Black Powder Coat WH White Powder Coat |

| TUBO WALL WASH | |
|------------------------|-----------------------|
| COLOR TEMPERATURE | 30K |
| TOTAL LUMENS | 884 |
| WATTS | 15 |
| LUMENS PER WATT (lm/w) | 59 |
| CRI | 92 |
| TM-30 DATA | R9: 61 Rf: 92 Rg: 100 |

ZOOM

16 WATTS



| System | Fixture | Beam Spread | Color Temperature | Finish |
|------------------------------|-------------|--|---|--|
| T24 | ZOOM | Z2 | 30K | BK |
| T24 Track Head 24V Connector | ZOOM Zoom | Z1 Zoom Adjust 15° to 55° Z2 Zoom Adjust 20° to 50° | 24K 2400K Very Warm White 27K 2700K Incandescent White 30K 3000K Warm White 30D 3000K Warm Dim to 1800K* 35K 3500K Neutral White *Only available for Z2 | BK Black Powder Coat WH White Powder Coat |

| | Z1 | | Z2 | | Z2 | |
|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| BEAM ANGLE | 15° | 55° | 20° | 50° | 20° | 50° |
| COLOR TEMPERATURE | 30K | 30K | 30K | 30K | 30D | 30D |
| TOTAL LUMENS | 686 | 873 | 795 | 1188 | 727 | 879 |
| WATTS | 16 | 16 | 16 | 16 | 15 | 15 |
| LUMENS PER WATT (lm/w) | 46 | 61 | 69 | 89 | 50 | 61 |
| CRI | 93 | 93 | 94 | 94 | 97 | 97 |
| TM-30 DATA | R9: 66 Rf: 92 Rg: 101 | R9: 66 Rf: 92 Rg: 101 | R9: 74 Rf: 92 Rg: 102 | R9: 74 Rf: 92 Rg: 102 | R9: 66 Rf: 94 Rg: 101 | R9: 66 Rf: 94 Rg: 101 |

| | | | | | |
|---------|--|--------------|--|------|--|
| PROJECT | | FIXTURE TYPE | | DATE | |
|---------|--|--------------|--|------|--|

T24 TRACK HEADS

24VDC WITH INTEGRATED LED, STATIC WHITE & WARM DIM TECHNOLOGY

All uniform beam spread options are field changeable, see accessories page.

RADIANT LARGE

14 WATTS



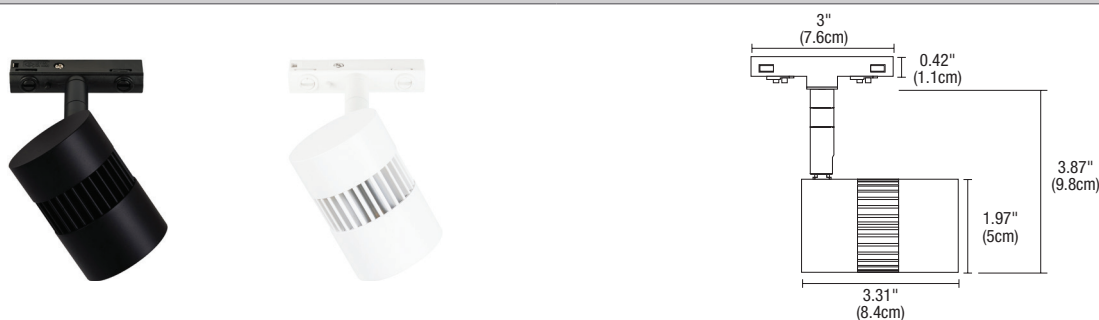
| System | Fixture | Beam Spread | Color Temperature | Finish |
|----------------------|--------------------|--|--|--|
| T24 | RADL | FL | 30K | WH |
| T24 24V Track System | RADL Radiant Large | NS Narrow Spot 10° SP Spot 20° NF Narrow Flood 35° FL Flood 45° WF Wide Flood 60° Warm Dim: NS (15°), SP (25°) | 24K 2400K Very Warm White 27K 2700K Incandescent White 30K 3000K Warm White 30D 3000D Warm Dim* 35K 3500K Neutral White *Not available in NF | BK Black Powder Coat WH White Powder Coat |

BEAM ANGLE REFERENCE 45°

| COLOR TEMPERATURE | 24K | 27K | 30K | 30D | 35K |
|------------------------|----------------------|-----------------------|----------------------|-----------------------|-----------------------|
| TOTAL LUMENS | 1389 | 1161 | 1199 | 838 | 1422 |
| WATTS | 14 | 14 | 14 | 14 | 14 |
| LUMENS PER WATT (lm/w) | 99 | 83 | 86 | 58 | 102 |
| CRI | 97 | 92 | 93 | 97 | 98 |
| TM-30 DATA | R9: 60 Rf: 93 Rg: 98 | R9: 97 Rf: 92 Rg: 100 | R9: 64 Rf: 91 Rg: 98 | R9: 90 Rf: 95 Rg: 102 | R9: 92 Rf: 94 Rg: 101 |

RADIANT MEDIUM

11 WATTS (WARM DIM: 8 WATTS)



| System | Fixture | Beam Spread | Color Temperature | Finish |
|----------------------|---------------------|---|---|--|
| T24 | RADM | FL | 30K | WH |
| T24 24V Track System | RADM Radiant Medium | SP Spot 20° NF Narrow Flood 35° FL Flood 45° WF Wide Flood 60° | 24K 2400K Very Warm White 27K 2700K Incandescent White 30K 3000K Warm White 30D 3000D Warm Dim 35K 3500K Neutral White | BK Black Powder Coat WH White Powder Coat |

BEAM ANGLE REFERENCE 45°

| COLOR TEMPERATURE | 24K | 27K | 30K | 30D | 35K |
|------------------------|-----------------------|----------------------|-----------------------|-----------------------|-----------------------|
| TOTAL LUMENS | 765 | 639 | 660 | 360 | 783 |
| WATTS | 11 | 11 | 11 | 7.7 | 11 |
| LUMENS PER WATT (lm/w) | 70 | 58 | 64 | 47 | 76 |
| CRI | 97 | 92 | 93 | 93 | 98 |
| TM-30 DATA | R9: 97 Rf: 92 Rg: 100 | R9: 64 Rf: 91 Rg: 98 | R9: 90 Rf: 95 Rg: 102 | R9: 92 Rf: 94 Rg: 101 | R9: 92 Rf: 94 Rg: 101 |




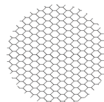


| MATERIAL | Extruded Aluminum | FREQUENCY | 50/60HZ | APPLICATION | Suitable for damp or dry locations. Indoor use only. | COMPLIANCE LABEL | ETL to UL 2108 Standard |
|---------------|-------------------|--------------|---------|-------------------|--|------------------|-------------------------|
| INPUT VOLTAGE | 24VDC | POWER FACTOR | > 0.90 | DIMMING & FLICKER | 0-10V dimming Flicker less than 2% | LED LAMP LIFE | 60,000 Hours |



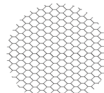


All track heads with the exception of Tubo Wall Wash and Zoom are JAB listed with universal power supplies in 27K CCT. Click the link to access our full Title 24 compliance listings: pureedgelighting.com/resources



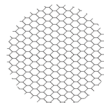


| PROJECT | FIXTURE TYPE | DATE |
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|---------|--------------|------|


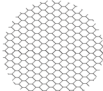


LENSES AND ACCESSORIES

Additional Lenses and Accessories

| TUBO LARGE LENS | | SNOOT | | LOUVER | FOCUS LENS | LINEAR SPREAD FILM |
|---|--|---|--|--|---|---|
|  | |  |  |  |  |  |
| ORDERING CODE | STATIC WHITE LEN-TUBL-NS-SW LEN-TUBL-SP-SW LEN-TUBL-NF-SW LEN-TUBL-FL-SW LEN-TUBL-WF-SW WARM DIM LEN-TUBL-SP-WD LEN-TUBL-NF-WD LEN-TUBL-FL-WD LEN-TUBL-WF-WD | STB16-BK STB16-WH (WHITE SHELL) | ST16-BK ST16-WH | L016-H | LF-TUBL-SF (SOFT FOCUS), MF (MEDIUM FOCUS), WF (WIDE FOCUS) | LF-TUBL-LS |
| LENS SIZE | 2" (50mm) Diameter | | | | | |
| BEAM SPREADS | NS (10°), SP (20°), NF (35°) FL (45°), WF (60°) | | Conical snoot creates a 7° Beam spread and is designed to reduce spill and control glare. Spun aluminum. | Snoot is designed to reduce spill and control glare. Spun aluminum. | Hexcell louver eliminates glare. 0.125" Thickness. | Soft focus lens is included with every track head. Diffuses the beam, providing uniform illumination. |
| | | | | | | Linear spread film: directs the light into an elongated beam. Typical applications using 10°, 15°, 25° include illuminating landscape oriented art. 35°, 40°, 60° create an elongated oval typically used for wall washing. |

| TUBO SMALL LENS | | SNOOT | | LOUVER | FOCUS LENS | LINEAR SPREAD FILM |
|---|--|---|--|--|---|---|
|  | |  | |  |  |  |
| ORDERING CODE | STATIC WHITE LEN-TUBS-NS-SW LEN-TUBS-SP-SW LEN-TUBS-NF-SW LEN-TUBS-FL-SW LEN-TUBS-WF-SW WARM DIM LEN-TUBS-NS-WD LEN-TUBS-SP-WD LEN-TUBS-NF-WD LEN-TUBS-FL-WD LEN-TUBS-WF-WD | TUBS-ST-BK TUBS-ST-WH (WHITE SHELL) | | L011-H | LF-TUBS-SF (SOFT FOCUS), MF (MEDIUM FOCUS), WF (WHITE FOCUS) | LF-TUBS-LS |
| LENS SIZE | 1.37" (35mm) Diameter | | | | | |
| BEAM SPREADS | NS (15°), SP (25°), NF (35°), FL (45°), WF (60°) | | Conical snoot creates a 7° Beam spread and is designed to reduce spill and control glare. Spun aluminum. | | Hexcell louver eliminates glare. 0.125" Thickness. | Soft focus lens is included with every track head. Diffuses the beam, providing uniform illumination. |
| | | | | | | Linear spread film: directs the light into an elongated beam. Typical applications using 10°, 15°, 25° include illuminating landscape oriented art. 35°, 40°, 60° create an elongated oval typically used for wall washing. |

| RADIANT LARGE LENS | | SNOOT | | LOUVER | FOCUS LENS | LINEAR SPREAD FILM |
|---|--|---|--|--|---|---|
|  | |  | |  |  |  |
| ORDERING CODE | STATIC WHITE LEN-RADL-NS-SW LEN-RADL-SP-SW LEN-RADL-NF-SW LEN-RADL-FL-SW LEN-RADL-WF-SW WARM DIM LEN-RADL-NS-WD LEN-RADL-SP-WD LEN-RADL-NF-WD LEN-RADL-FL-WD LEN-RADL-WF-WD | STB16-BK STB16-WH (WHITE SHELL) | | L016-H | LF-RADL-SF (SOFT FOCUS), MF (MEDIUM FOCUS), WF (WIDE FOCUS) | LF-RADL-LS |
| LENS SIZE | 2" (50mm) Diameter | | | | | |
| BEAM SPREADS | NS (10°), SP (20°), NF (35°), FL (45°), WF (60°) | NS (15°), SP (25°), FL (45°), WF (60°) | Conical snoot creates a 7° Beam spread and is designed to reduce spill and control glare. Spun aluminum. | | Hexcell louver eliminates glare. 0.125" Thickness. | Soft focus lens is included with every track head. Diffuses the beam, providing uniform illumination. |
| | | | | | | Linear spread film: directs the light into an elongated beam. Typical applications using 10°, 15°, 25° include illuminating landscape oriented art. 35°, 40°, 60° create an elongated oval typically used for wall washing. |

| RADIANT MEDIUM LENS | | LOUVER | FOCUS LENS | LINEAR SPREAD FILM |
|---|--|---|--|---|
|  | |  |  |  |
| ORDERING CODE | STATIC WHITE LEN-RADM-SP-SW LEN-RADM-NF-SW LEN-RADM-FL-SW LEN-RADM-WF-SW WARM DIM LEN-RADM-SP-WD LEN-RADM-NF-WD LEN-RADM-FL-WD LEN-RADM-WF-WD | L011-H | LF-RADM-SF (SOFT FOCUS) MF (MEDIUM FOCUS), WF (WIDE FOCUS) | LF-RADM-LS |
| LENS SIZE | 1.37" (35mm) Diameter | | | |
| BEAM SPREADS | SP (20°), NF (35°), FL (45°), WF (60°) | | Hexcell louver eliminates glare. 0.125" Thickness. | Soft focus lens is included with every track head. Diffuses the beam, providing uniform illumination. |
| | | | | Linear spread film: directs the light into an elongated beam. Typical applications using 10°, 15°, 25° include illuminating landscape oriented art. 35°, 40°, 60° create an elongated oval typically used for wall washing. |

| | | | | | |
|---------|--|--------------|--|------|--|
| PROJECT | | FIXTURE TYPE | | DATE | |
|---------|--|--------------|--|------|--|

TUBO LARGE Photometric Data at 3000K

D - Distance from fixture

FC - Initial foot candles at the center of beam

DIA - Diameter

NARROW SPOT BEAM ANGLE 10°

| D' | FC | DIA. |
|----|-------|-------|
| 1' | 17300 | 2.2" |
| 2' | 4330 | 4.3" |
| 3' | 1930 | 6.5" |
| 4' | 1080 | 8.6" |
| 5' | 694 | 10.8" |
| 6' | 482 | 12" |
| 7' | 354 | 15" |
| 8' | 271 | 18" |

DIA.

SPOT BEAM ANGLE 20°

| D' | FC | DIA. |
|----|------|-------|
| 1' | 2582 | 4.3" |
| 2' | 1860 | 8.6" |
| 3' | 828 | 13" |
| 4' | 466 | 17.3" |
| 5' | 298 | 21.6" |
| 6' | 207 | 25.9" |
| 7' | 152 | 30.2" |
| 8' | 117 | 34.6" |

DIA.

NARROW FLOOD BEAM ANGLE 35°

| D' | FC | DIA. |
|----|------|-------|
| 1' | 2780 | 7.6" |
| 2' | 695 | 15.1" |
| 3' | 309 | 22.7" |
| 4' | 174 | 30" |
| 5' | 111 | 37.2" |
| 6' | 77.2 | 45.4" |
| 7' | 56.7 | 53" |
| 8' | 43.4 | 62.5" |

DIA.

FLOOD BEAM ANGLE 45°

| D' | FC | DIA. |
|----|------|-------|
| 1' | 1610 | 9.8" |
| 2' | 403 | 18" |
| 3' | 179 | 29.2" |
| 4' | 101 | 40" |
| 5' | 64.5 | 48" |
| 6' | 44.8 | 58.3" |
| 7' | 32.9 | 68" |
| 8' | 25.2 | 80" |

WIDE FLOOD BEAM ANGLE 60°

| D' | FC | DIA. |
|----|------|--------|
| 1' | 561 | 16.2" |
| 2' | 140 | 32.4" |
| 3' | 62.3 | 48" |
| 4' | 35 | 64.8" |
| 5' | 22.4 | 81" |
| 6' | 15.6 | 97.2" |
| 7' | 11.4 | 113.4" |
| 8' | 8.8 | 129.6" |

TUBO SMALL Photometric Data at 3000K

D - Distance from fixture

FC - Initial foot candles at the center of beam

DIA - Diameter

NARROW SPOT BEAM ANGLE 15°

| D' | FC | DIA. |
|----|------|-------|
| 1' | 3890 | 3.2" |
| 2' | 972 | 6.4" |
| 3' | 432 | 9.7" |
| 4' | 243 | 12.9" |
| 5' | 156 | 16.2" |
| 6' | 108 | 19.4" |
| 7' | 79 | 22.6" |
| 8' | 61 | 25.9" |

DIA.

SPOT BEAM ANGLE 25°

| D' | FC | DIA. |
|----|------|-------|
| 1' | 2080 | 5.4" |
| 2' | 520 | 10.8" |
| 3' | 231 | 16.2" |
| 4' | 130 | 21.6" |
| 5' | 83 | 27" |
| 6' | 57.8 | 32.4" |
| 7' | 42.4 | 37.8" |
| 8' | 32.5 | 43.2" |

DIA.

NARROW FLOOD BEAM ANGLE 35°

| D' | FC | DIA. |
|----|------|-------|
| 1' | 1540 | 7.5" |
| 2' | 385 | 15.1" |
| 3' | 171 | 22.6" |
| 4' | 96.3 | 30" |
| 5' | 61.6 | 37.2" |
| 6' | 42.8 | 45.3" |
| 7' | 31.4 | 53" |
| 8' | 24.1 | 62.5" |

DIA.

FLOOD BEAM ANGLE 45°

| D' | FC | DIA. |
|----|------|-------|
| 1' | 496 | 9.7" |
| 2' | 124 | 19.4" |
| 3' | 55.1 | 29.1" |
| 4' | 31 | 38.8" |
| 5' | 19.8 | 48.6" |
| 6' | 13.8 | 58.3" |
| 7' | 10.1 | 68.0" |
| 8' | 7.75 | 77.7" |

DIA.

WIDE FLOOD BEAM ANGLE 60°

| D' | FC | DIA. |
|----|------|--------|
| 1' | 265 | 16.2" |
| 2' | 66.3 | 32.4" |
| 3' | 29.4 | 48" |
| 4' | 16.6 | 64.8" |
| 5' | 10.6 | 81" |
| 6' | 7.3 | 97.2" |
| 7' | 5.4 | 113.4" |
| 8' | 4.1 | 129.6" |

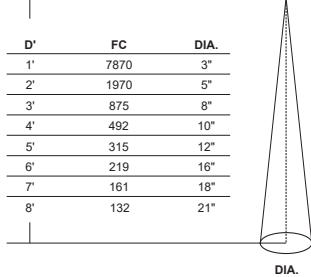
DIA.

| | | |
|---------|--------------|------|
| PROJECT | FIXTURE TYPE | DATE |
|---------|--------------|------|

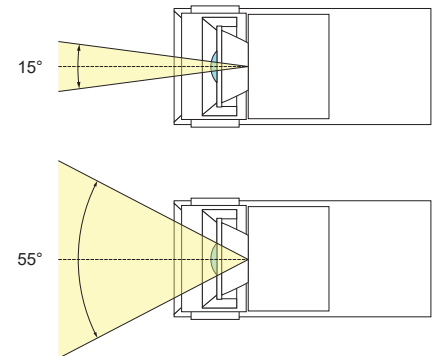
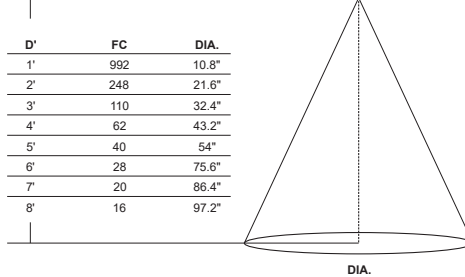
ZOOM Z1 Photometric Data at 3000K

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

15° BEAM ANGLE



55° BEAM ANGLE

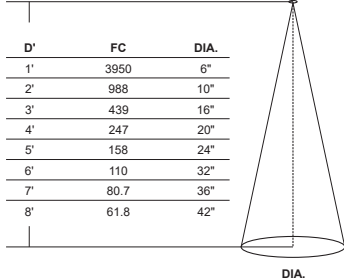


Z1: Adjustable between 15° and 55°

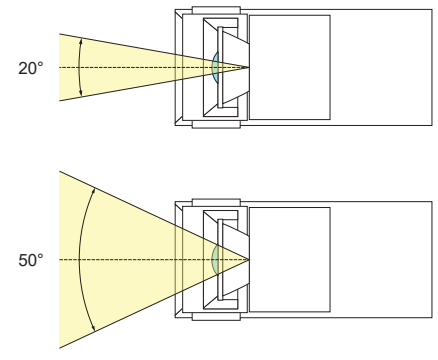
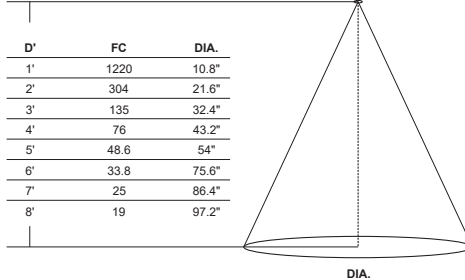
ZOOM Z2 Photometric Data at 3000K

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

20° BEAM ANGLE



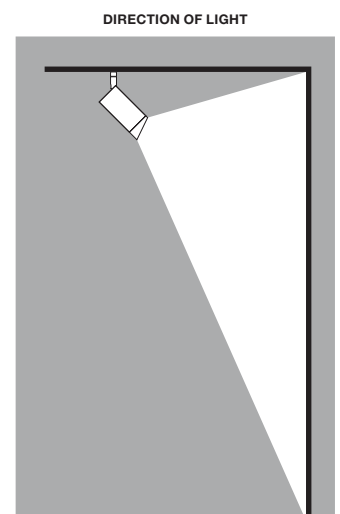
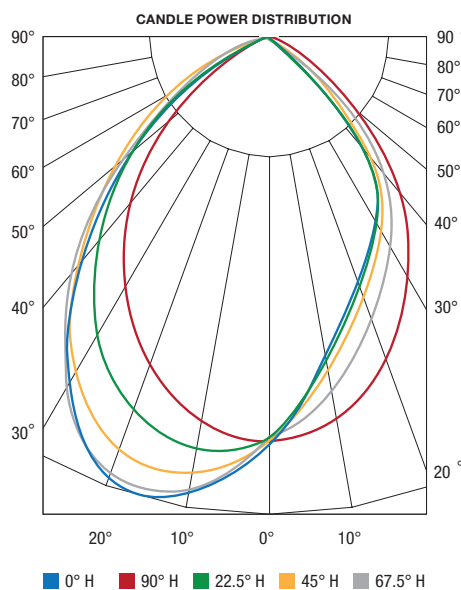
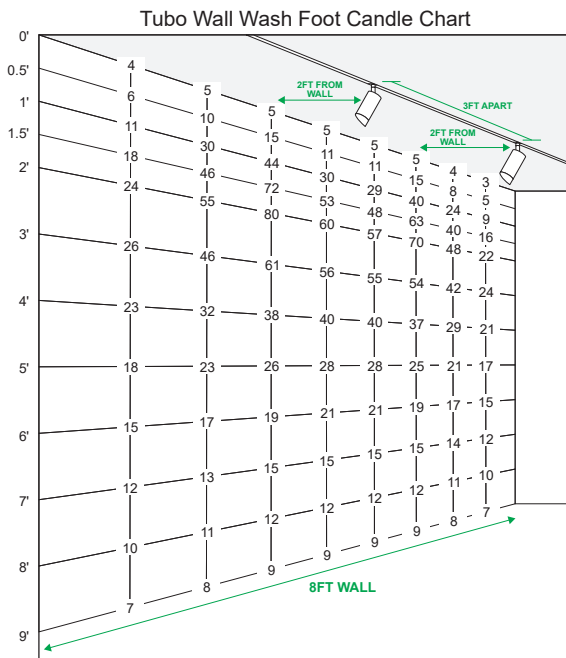
50° BEAM ANGLE



Z2: Adjustable between 20° and 50°

TUBO WALL WASH Photometric Data at 3000K

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



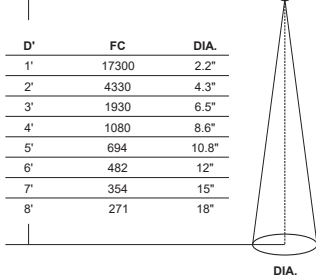
RADIANT LARGE Photometric Data at 3000K

D - Distance from fixture

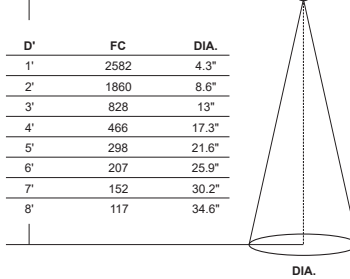
FC - Initial foot candles at the center of beam

DIA - Diameter

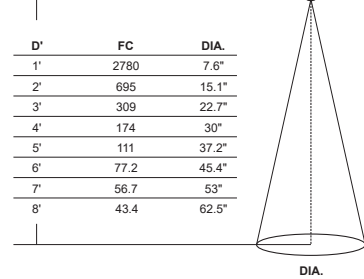
NARROW SPOT BEAM ANGLE 10°



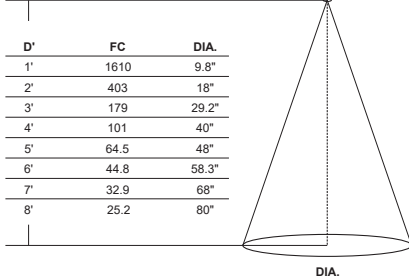
SPOT BEAM ANGLE 20°



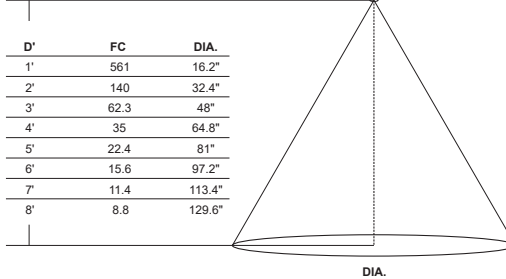
NARROW FLOOD BEAM ANGLE 35°



FLOOD BEAM ANGLE 45°



WIDE FLOOD BEAM ANGLE 60°



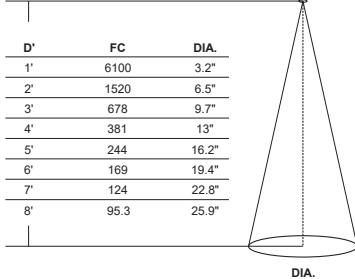
RADIANT MEDIUM Photometric Data at 3000K

D - Distance from fixture

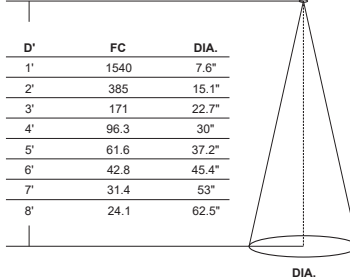
FC - Initial foot candles at the center of beam

DIA - Diameter

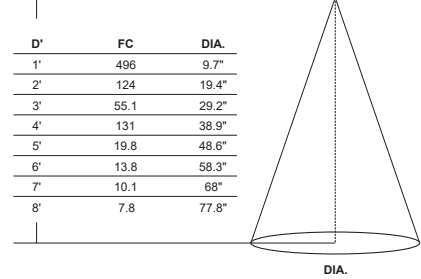
SPOT BEAM ANGLE 20°



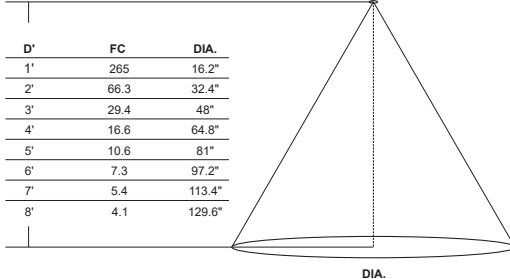
NARROW FLOOD BEAM ANGLE 35°



FLOOD BEAM ANGLE 45°

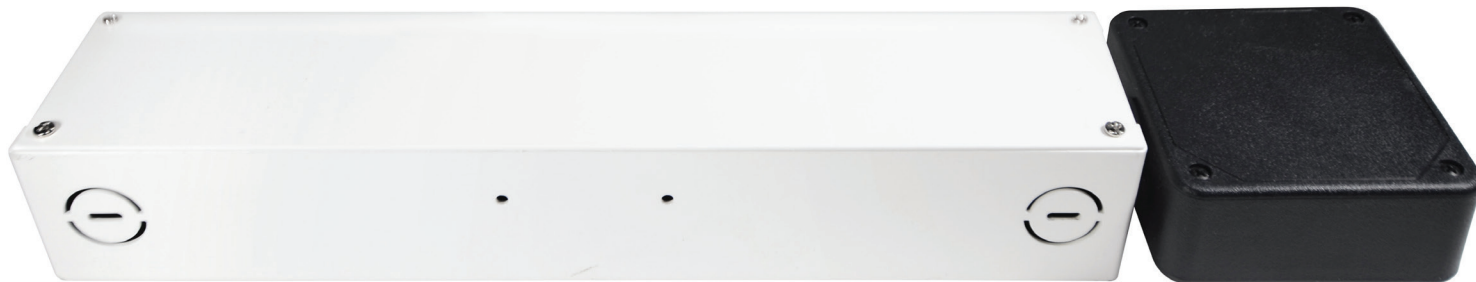


WIDE FLOOD BEAM ANGLE 60°



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 |

UNIVERSAL POWER SUPPLIES WITH TRIM

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

REV 07.03.24

| 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: 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 | |
|---------|--|--------------|--|------|--|

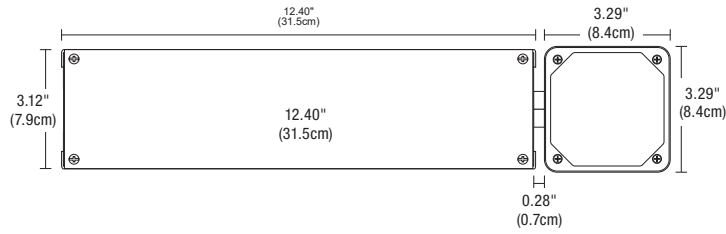
UNIVERSAL POWER SUPPLIES WITH TRIM

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

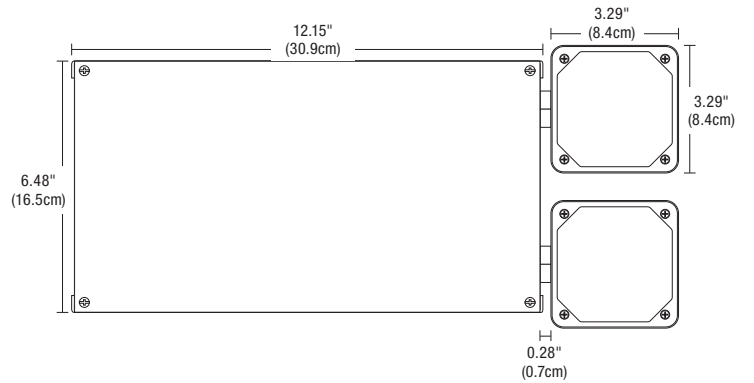
REV 07.03.24

POWER SUPPLY DIMENSIONS & DIAGRAMS

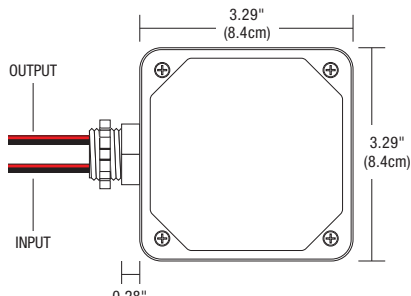
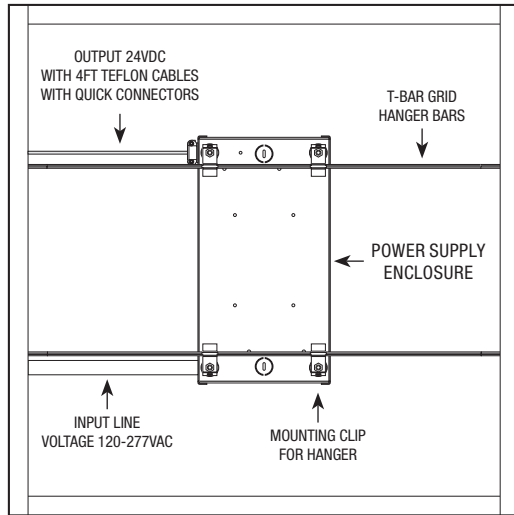
40W, 60W, 96W



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 |

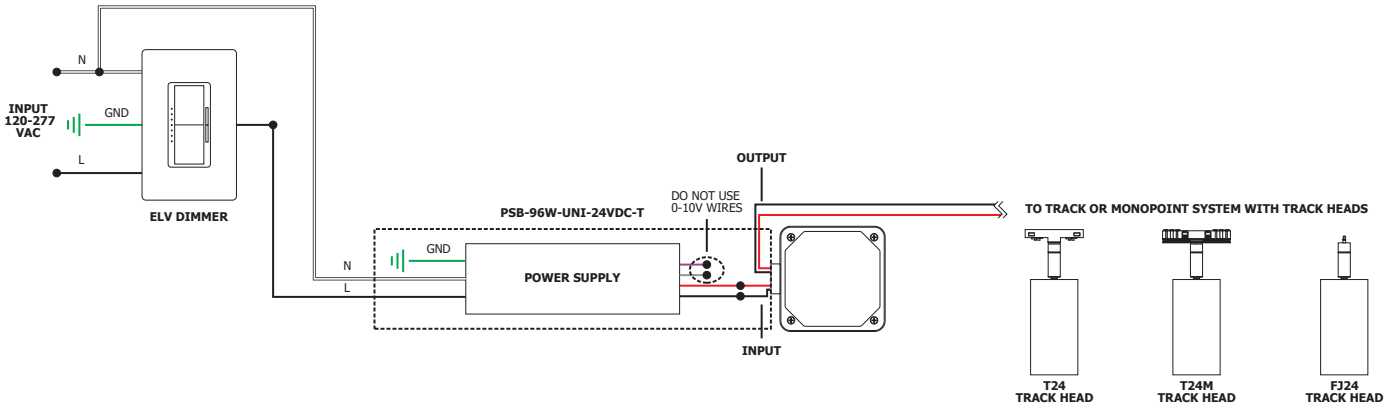
| | | |
|---------|--------------|------|
| PROJECT | FIXTURE TYPE | DATE |
|---------|--------------|------|

UNIVERSAL POWER SUPPLIES WITH TRIM

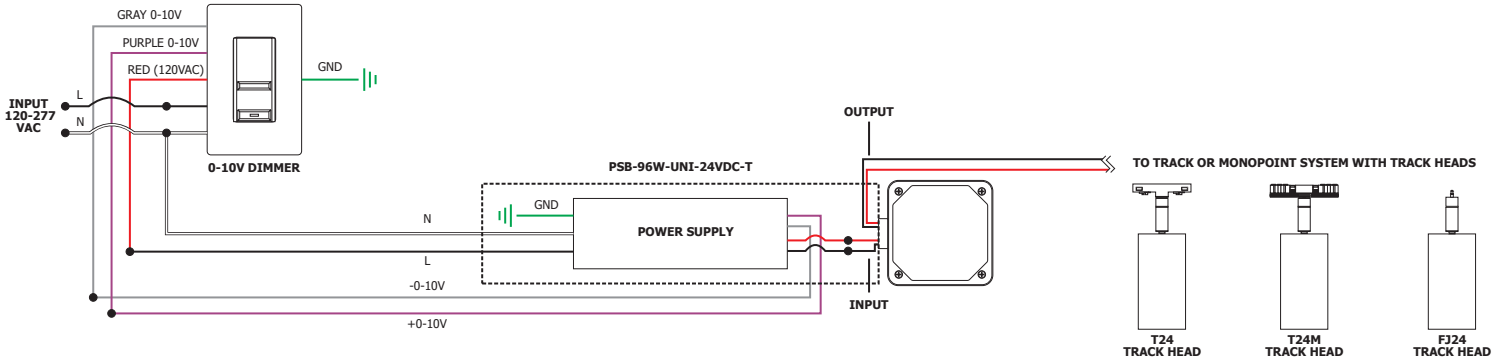
24VDC, UNIVERSAL DIMMING (ELV, TRIAC, 0-10V) STATIC WHITE & WARM DIM FOR TRACK HEADS

REV 07.03.24

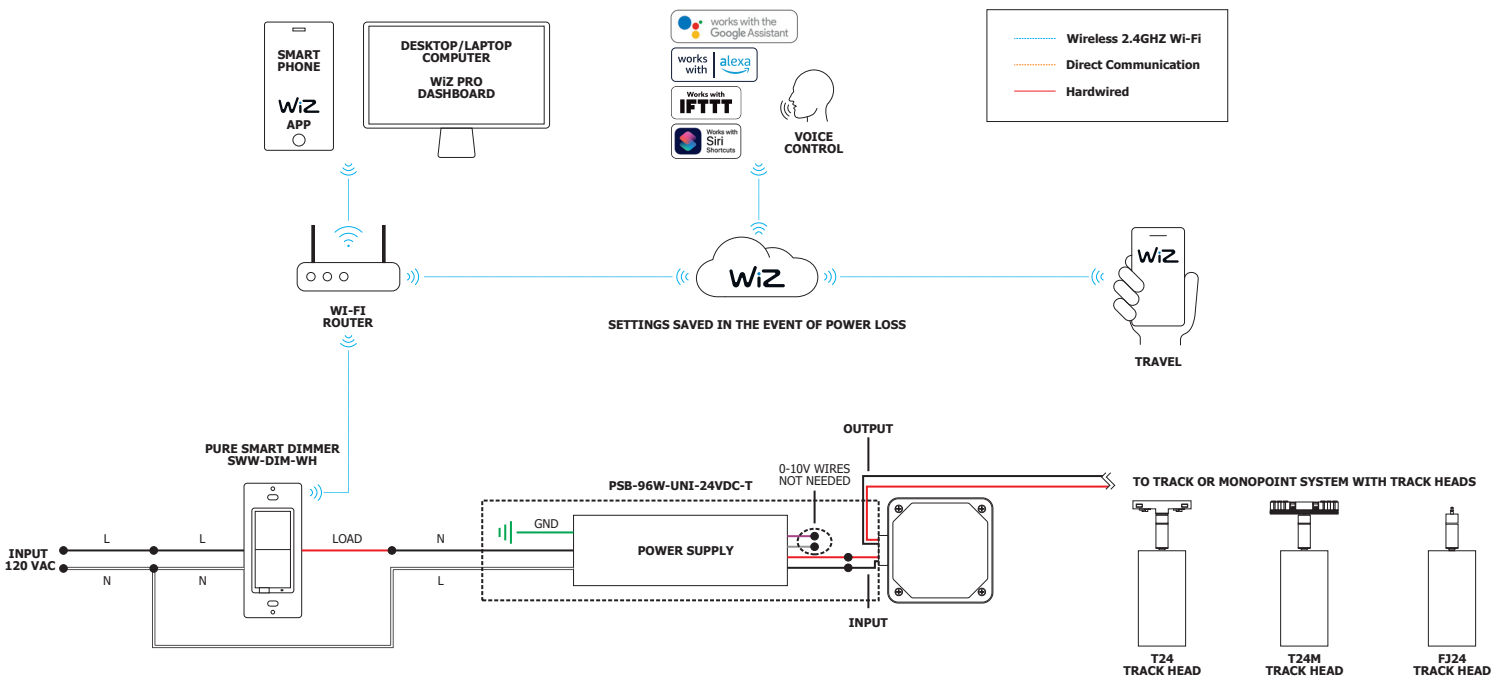
ELV WIRING DIAGRAM



0-10V WIRING DIAGRAM



SMART WIRING DIAGRAM & NETWORK TOPOGRAPHY



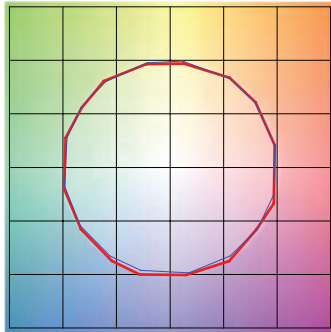
| | | |
|---------|--------------|------|
| PROJECT | FIXTURE TYPE | DATE |
|---------|--------------|------|

TM30-15 DATA

T24 TRACK HEADS

RADIANT LARGE FLOOD 3000K | Rf: 95 | Rg: 101.6

Color Vector Graphic

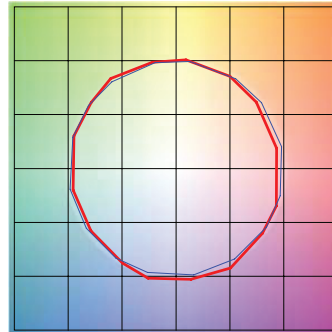


■ Test ■ Reference

| GRAPHIC SHIFTS % | | | |
|------------------|------|--------|-------|
| HUE BIN | Rf | CHROMA | HUE |
| 1 | 96.8 | -0.3% | 0.3% |
| 2 | 97.8 | 0.3% | -0.3% |
| 3 | 96.5 | 0.4% | 0.3% |
| 4 | 95.3 | -2.1% | -1.4% |
| 5 | 95.9 | -1.1% | 1.1% |
| 6 | 96.4 | 1.4% | 1.3% |
| 7 | 93.9 | -0.5% | 1.9% |
| 8 | 97.3 | 1.3% | 0.3% |
| 9 | 95.9 | 1% | 2.1% |
| 10 | 94.0 | 1.3% | 3.3% |
| 11 | 92.7 | 2.9% | 4.1% |
| 12 | 92.4 | 3.8% | -0.4% |
| 13 | 94.6 | 1.5% | -3.2% |
| 14 | 93.0 | 3.3% | -3.6% |
| 15 | 94.6 | -0.6% | -0.1% |
| 16 | 90.1 | 1.9% | -6.9% |

RADIANT MEDIUM FLOOD 3000K | Rf: 89.5 | Rg: 100.8

Color Vector Graphic

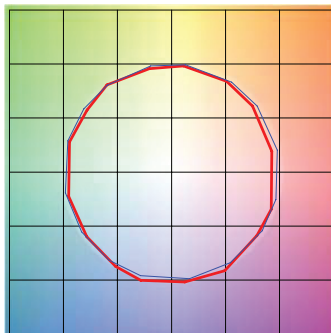


■ Test ■ Reference

| GRAPHIC SHIFTS % | | | |
|------------------|------|--------|--------|
| HUE BIN | Rf | CHROMA | HUE |
| 1 | 90.0 | -4.9% | -0.7% |
| 2 | 90.7 | -3.6% | 3.1% |
| 3 | 87.2 | -1.1% | 5.9% |
| 4 | 92.7 | 1.0% | 3.8% |
| 5 | 93.8 | 0.9% | 2.7% |
| 6 | 94.2 | 3.0% | -0.7% |
| 7 | 92.7 | -0.5% | -3.6% |
| 8 | 96.6 | -0.8% | -1.5% |
| 9 | 94.4 | -2.5% | 1.4% |
| 10 | 89.7 | -2.3% | 4.6% |
| 11 | 87.3 | 0.5% | 7.6% |
| 12 | 89.9 | 5.2% | 1.5% |
| 13 | 92.0 | 3.6% | -3.4% |
| 14 | 87.6 | 4.7% | -7.7% |
| 15 | 88.2 | -0.0% | -6.9% |
| 16 | 85.8 | -1.8% | -10.0% |

TUBO LARGE FLOOD 3000K | Rf: 91.0 | Rg: 98.0

Color Vector Graphic

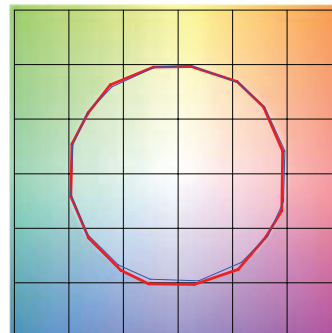


■ Test ■ Reference

| GRAPHIC SHIFTS % | | | |
|------------------|------|--------|-------|
| HUE BIN | Rf | CHROMA | HUE |
| 1 | 89.2 | -5.2% | 0.1% |
| 2 | 91.3 | -3.6% | 2.4% |
| 3 | 90.2 | -1.8% | 4.1% |
| 4 | 94.7 | -1.3% | 1.8% |
| 5 | 93.8 | -2.3% | 1.8% |
| 6 | 96.8 | 0.4% | 0.0% |
| 7 | 93.1 | -3.2% | -1.0% |
| 8 | 96.6 | -1.5% | 0.7% |
| 9 | 92.7 | -2.4% | 3.7% |
| 10 | 87.4 | -1.5% | 6.3% |
| 11 | 87.8 | 1.5% | 8.1% |
| 12 | 89.9 | 4.4% | 1.0% |
| 13 | 91.7 | 2.3% | -4.8% |
| 14 | 87.4 | 3.3% | -8.5% |
| 15 | 88.1 | -1.5% | -6.3% |
| 16 | 85.4 | -2.6% | -9.8% |

TUBO SMALL FLOOD 3000K | Rf: 95.0 | Rg: 102.2

Color Vector Graphic



■ Test ■ Reference

| GRAPHIC SHIFTS % | | | |
|------------------|------|--------|-------|
| HUE BIN | Rf | CHROMA | HUE |
| 1 | 96.6 | -1.1% | -0.7% |
| 2 | 97.9 | -0.6% | 0.4% |
| 3 | 95.3 | 0.1% | 2.0% |
| 4 | 96.5 | 0.3% | 1.4% |
| 5 | 94.8 | 0.0% | 2.0% |
| 6 | 94.6 | 3.0% | 0.9% |
| 7 | 96.3 | 1.1% | -0.9% |
| 8 | 96.6 | 1.5% | -1.3% |
| 9 | 97.3 | 0.1% | 0.4% |
| 10 | 95.8 | -0.5% | 1.8% |
| 11 | 92.5 | 1.0% | 4.4% |
| 12 | 92.5 | 4.1% | 0.5% |
| 13 | 94.9 | 2.5% | -2.0% |
| 14 | 92.5 | 4.0% | -3.5% |
| 15 | 94.0 | 1.2% | -3.0% |
| 16 | 90.1 | 1.7% | -7.1% |