

VANISHING POINT 24VDC MONOPOINT

FAST JACK CEILING CONNECTION SYSTEM

DESCRIPTION

The groundbreaking Vanishing Point Fast Jack Connection System allows any 24VDC Fast Jack heads to disappear into the ceiling. Offered in four distinct mounting options for drywall and millwork, the Vanishing Point achieves the most minimal connection producing a refined and continuous architecture of any space. Patent Pending. For custom quotes and layout assistance, send your drawings and ideas to our design team: design@PureEdgeLighting.com.

DRYWALL (PLASTER-IN)

VR - No visible canopy line, just the small (0.5") point of connection where the fast jack disappears into the ceiling.

MILLWORK

V2MR - Connection point at ceiling 2.0" canopy sits flush in Millwork ceilings for a clean look.

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](#)

WARRANTY / LABELS

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

APPLICATIONS

Designed for indoor use only. Ideal applications in residential, commercial, retail and hospitality environments include but not limited to kitchens, living rooms, dinning rooms, offices, conference rooms, architectural spaces, lobbies, large-scale public spaces, hotels, restaurants and luxury health spas.



VR-FJ24

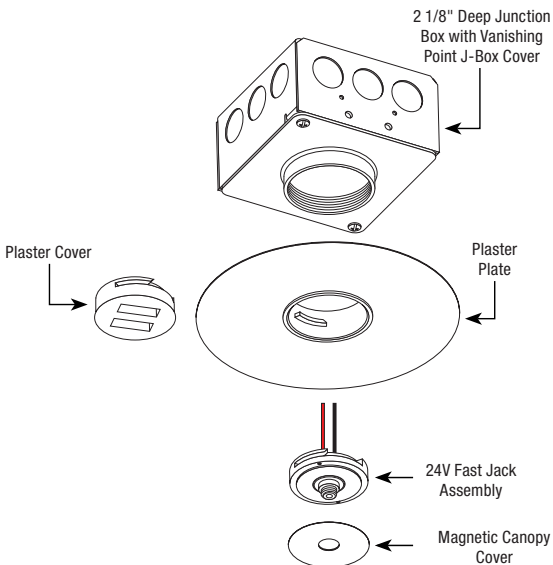
Vanishing Point .5" Opening Plaster-In, Remote Power supply



V2MR-FJ24

Vanishing Point 2" Flush Canopy for Millwork

| System | Type/Voltage | Finish |
|--|--|---|
| VR | FJ24 | WH |
| VR Vanishing Point 0.5" Connection Drywall, No Outline of Canopy at connection point, Remote Power Supply | FJ24 Fast Jack 24VDC Connection | WH Warm White Powder Coat RAL 9010 PW Pure White Powder Coat RAL 9016 BK Black |
| V2MR Vanishing Point 2.0" Millwork, Flush Mount Canopy, Remote Power Supply | | |



VR-FJ24-WH

Vanishing Point Flush to dry wall, plaster in



V2MR-FJ24-BK

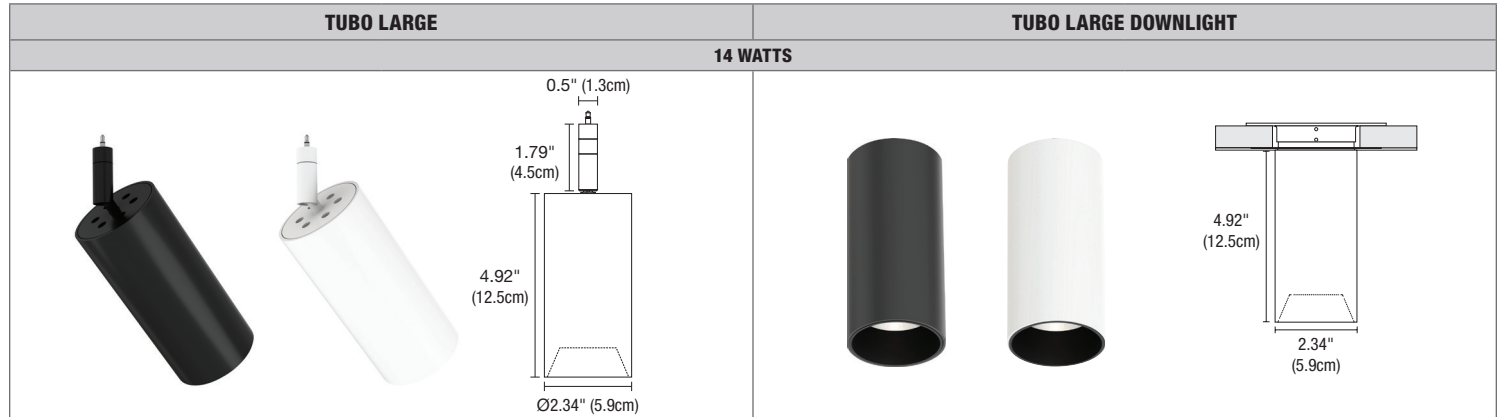
Vanishing Point 2" Flush Canopy for Millwork

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| PROJECT | | FIXTURE TYPE | | DATE | |
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VANISHING POINT HEADS 24VDC

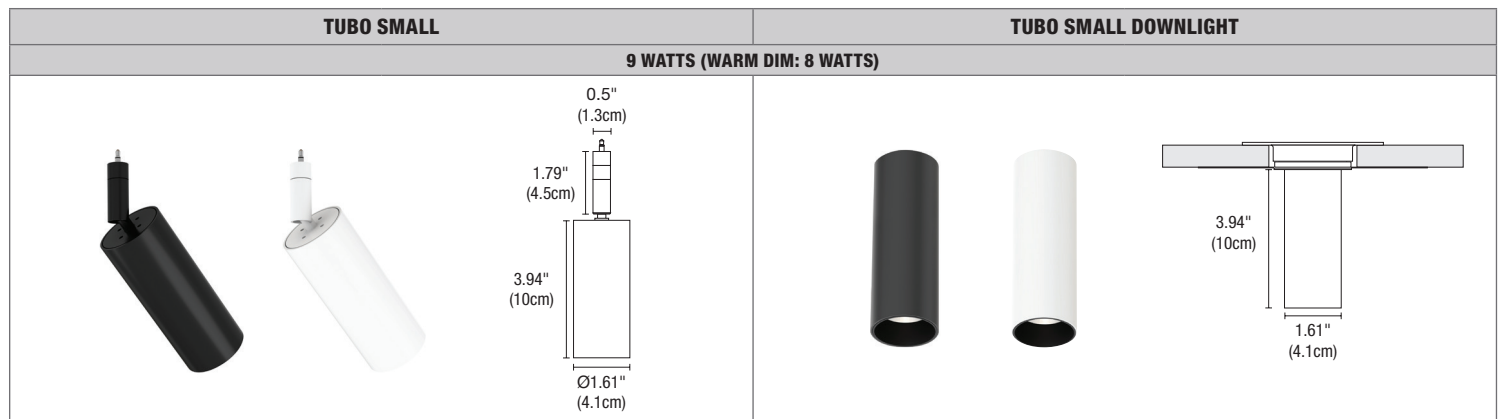
FAST JACK CEILING CONNECTION SYSTEM

24VDC - All uniform beam spread options are field changeable.



| System | Fixture | Beam Spread Lens | Color Temperature | Finish |
|-----------------------------------|---|--|--|--|
| FJ24 | TUBL | FL | 30K | WH |
| FJ24 Mounts to any FJ24 Fast Jack | 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-BK 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 Warm White Powder Coat RAL 9010 PW Pure White Powder Coat RAL 9016 |

| 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 |



| System | Fixture | Beam Spread | Color Temperature | Finish |
|-----------------------------------|---|--|--|--|
| FJ24 | TUBS | FL | 30K | WH |
| FJ24 Mounts to any FJ24 Fast Jack | 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 STB16-BK 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 JA8 listed with universal power supplies in 27K> CCT. Click the link to access our full Title 24 compliance listings: pureedgelighting.com/resources.

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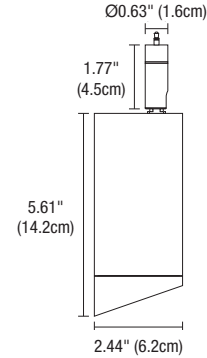
VANISHING POINT HEADS 24VDC

FAST JACK CEILING CONNECTION SYSTEM

REV 12.02.24

TUBO LARGE WALL WASH

15 WATTS



| System | Fixture | Beam Spread | Color Temperature | Finish |
|-------------|-------------|-------------|-------------------|-----------|
| FJ24 | TUBL | WW | 30K | BK |

FJ24 Mounts to any FJ24 Fast Jack

TUBL Tubo Large

WW Wall Wash

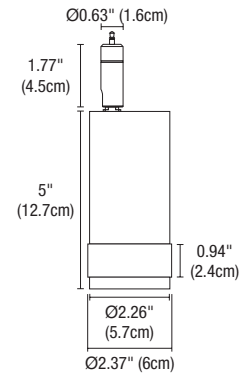
24K 2400K Very Warm White
27K 2700K Incandescent White
30K 3000K Warm White
30D 3000K Warm Dim to 1800K
35K 3500K Neutral White

BK Black Powder Coat
WH Warm White Powder Coat RAL 9010
PW Pure White Powder Coat RAL 9016

| 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 |
|-------------|-------------|-------------|-------------------|-----------|
| FJ24 | ZOOM | Z2 | 30K | BK |

FJ24 Mounts to any FJ24 Fast Jack

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

BK Black Powder Coat
WH Warm White Powder Coat RAL 9010

*Only available for Z2

| | 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 |

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VANISHING POINT HEADS 24VDC

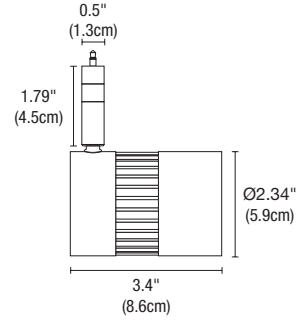
FAST JACK CEILING CONNECTION SYSTEM

REV 12.02.24

All uniform beam spread options are field changeable.

RADIANT LARGE

14 WATTS



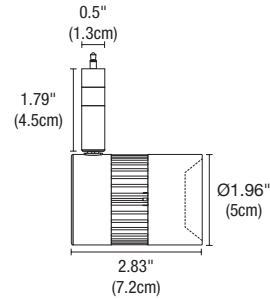
| System | Fixture | Beam Spread Lens | Color Temperature | Finish |
|-----------------------------------|--------------------|---|--|--|
| FJ24 | RADL | NFL | 30K | WH |
| FJ24 Mounts to any FJ24 Fast Jack | RADL Radiant Large | NS Narrow Spot 10° SP Spot 20° NF Narrow Flood 35° FL Flood 45° WF Wide 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 Lens | Color Temperature | Finish |
|-----------------------------------|---------------------|---|---|--|
| FJ24 | RADM | NFL | 30K | WH |
| FJ24 Mounts to any FJ24 Fast Jack | 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 JA8 listed with universal power supplies in 27K> CCT. Click the link to access our full Title 24 compliance listings: pureedgelighting.com/resources.




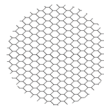


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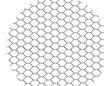


VANISHING POINT HEADS 24VDC



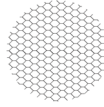


FAST JACK CEILING CONNECTION SYSTEM


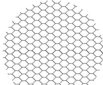


Additional Lenses and Accessories

REV 12.02.24

| 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-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. |

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| PROJECT | | FIXTURE TYPE | | DATE | |
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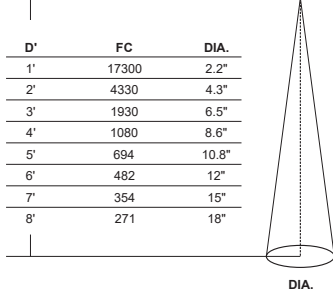
VANISHING POINT HEADS 24VDC

FAST JACK CEILING CONNECTION SYSTEM

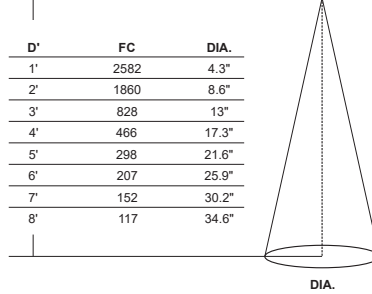
TUBO LARGE Photometric Data at 3000K

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

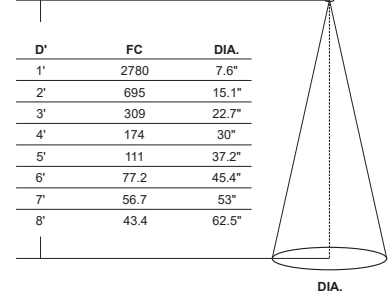
NARROW SPOT BEAM ANGLE 10°



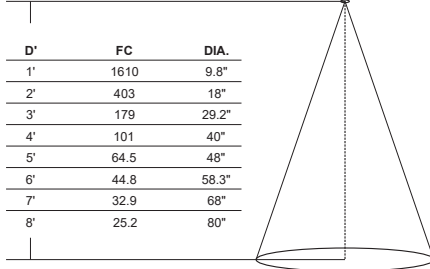
SPOT BEAM ANGLE 20°



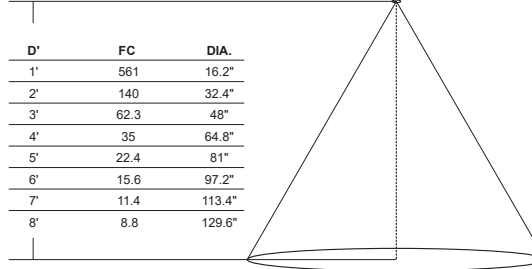
NARROW FLOOD BEAM ANGLE 35°



FLOOD BEAM ANGLE 45°



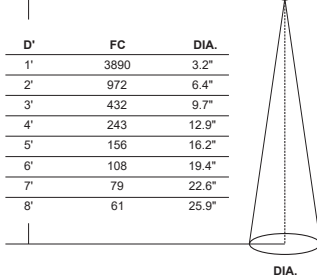
WIDE FLOOD BEAM ANGLE 60°



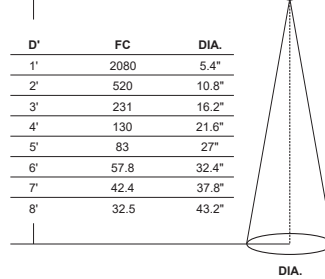
TUBO SMALL Photometric Data at 3000K

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

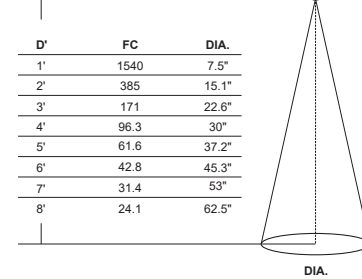
NARROW SPOT BEAM ANGLE 15°



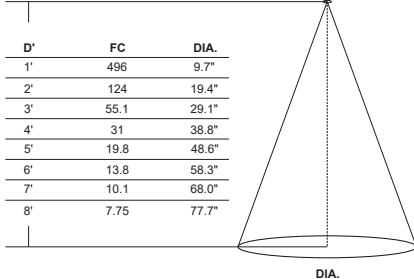
SPOT BEAM ANGLE 25°



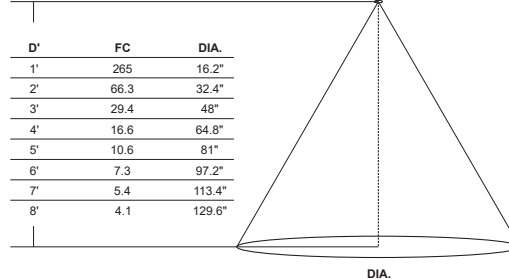
NARROW FLOOD BEAM ANGLE 35°



FLOOD BEAM ANGLE 45°



WIDE FLOOD BEAM ANGLE 60°



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| PROJECT | FIXTURE TYPE | DATE |
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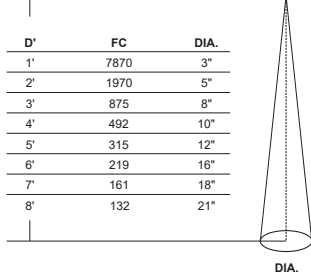
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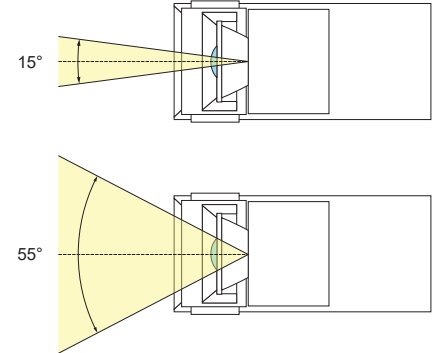
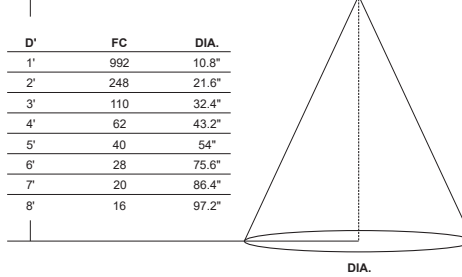
ZOOM Z1 Photometric Data at 3000K

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

15° BEAM ANGLE



55° BEAM ANGLE

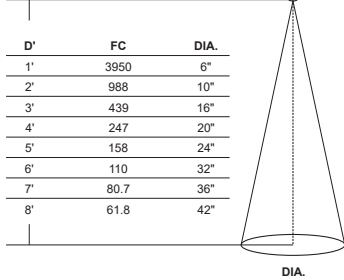


Z1: Adjustable between 15° and 55°

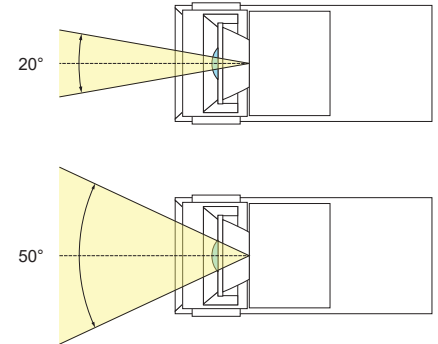
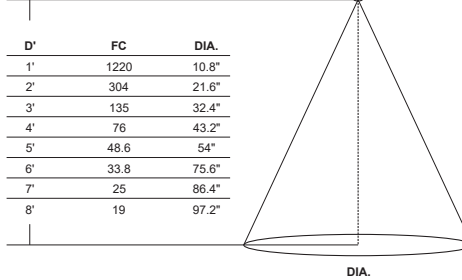
ZOOM Z2 Photometric Data at 3000K

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

20° BEAM ANGLE



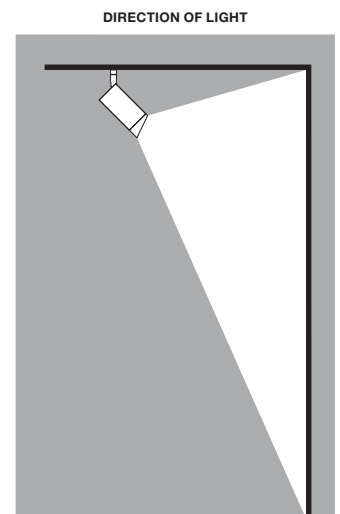
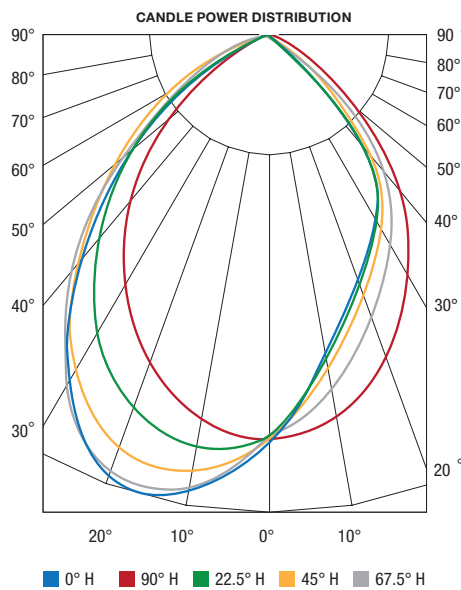
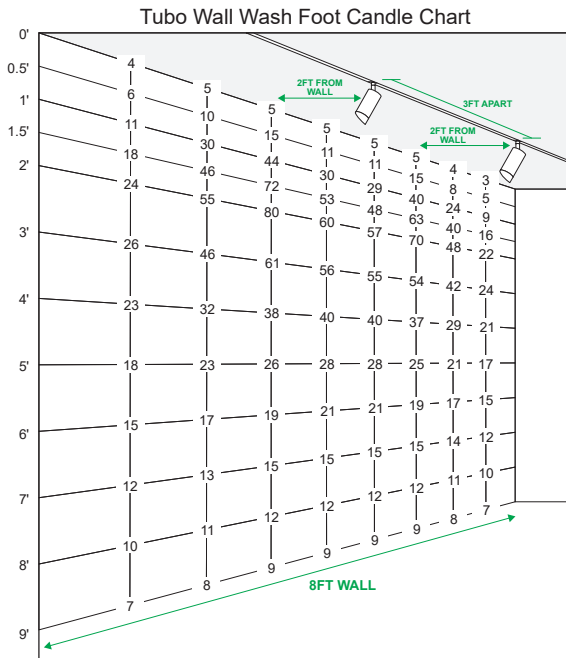
50° BEAM ANGLE



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



| | | |
|---------|--------------|------|
| PROJECT | FIXTURE TYPE | DATE |
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VANISHING POINT HEADS 24VDC

FAST JACK CEILING CONNECTION SYSTEM

RADIANT LARGE Photometric Data at 3000K

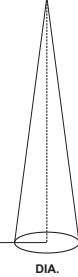
D - Distance from fixture

FC - Initial foot candles at the center of beam

DIA - Diameter

NARROW SPOT BEAM ANGLE 10°

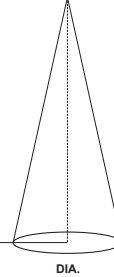
| D' | FC | DIA. |
|----|-------|-------|
| 1' | 17300 | 2.2" |
| 2' | 4330 | 4.3" |
| 3' | 1930 | 6.5" |
| 4' | 1080 | 8.6" |
| 5' | 694 | 10.8" |
| 6' | 482 | 12" |
| 7' | 354 | 15" |
| 8' | 271 | 18" |



DIA.

SPOT BEAM ANGLE 20°

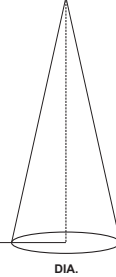
| D' | FC | DIA. |
|----|------|-------|
| 1' | 2582 | 4.3" |
| 2' | 1860 | 8.6" |
| 3' | 828 | 13" |
| 4' | 466 | 17.3" |
| 5' | 298 | 21.6" |
| 6' | 207 | 25.9" |
| 7' | 152 | 30.2" |
| 8' | 117 | 34.6" |



DIA.

NARROW FLOOD BEAM ANGLE 35°

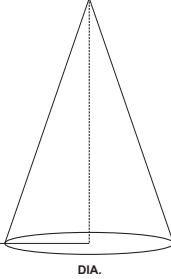
| D' | FC | DIA. |
|----|------|-------|
| 1' | 2780 | 7.6" |
| 2' | 695 | 15.1" |
| 3' | 309 | 22.7" |
| 4' | 174 | 30" |
| 5' | 111 | 37.2" |
| 6' | 77.2 | 45.4" |
| 7' | 56.7 | 53" |
| 8' | 43.4 | 62.5" |



DIA.

FLOOD BEAM ANGLE 45°

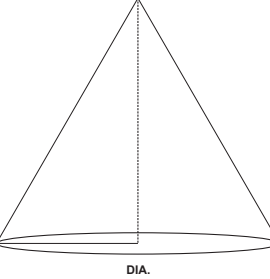
| D' | FC | DIA. |
|----|------|-------|
| 1' | 1610 | 9.8" |
| 2' | 403 | 18" |
| 3' | 179 | 29.2" |
| 4' | 101 | 40" |
| 5' | 64.5 | 48" |
| 6' | 44.8 | 58.3" |
| 7' | 32.9 | 68" |
| 8' | 25.2 | 80" |



DIA.

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" |



DIA.

RADIANT MEDIUM Photometric Data at 3000K

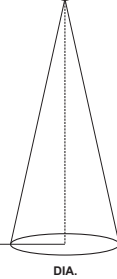
D - Distance from fixture

FC - Initial foot candles at the center of beam

DIA - Diameter

SPOT BEAM ANGLE 20°

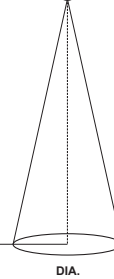
| D' | FC | DIA. |
|----|------|-------|
| 1' | 6100 | 3.2" |
| 2' | 1520 | 6.5" |
| 3' | 678 | 9.7" |
| 4' | 381 | 13" |
| 5' | 244 | 16.2" |
| 6' | 169 | 19.4" |
| 7' | 124 | 22.8" |
| 8' | 95.3 | 25.9" |



DIA.

NARROW FLOOD BEAM ANGLE 35°

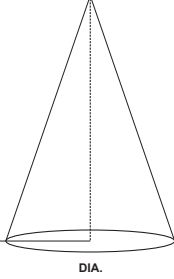
| D' | FC | DIA. |
|----|------|-------|
| 1' | 1540 | 7.6" |
| 2' | 385 | 15.1" |
| 3' | 171 | 22.7" |
| 4' | 96.3 | 30" |
| 5' | 61.6 | 37.2" |
| 6' | 42.8 | 45.4" |
| 7' | 31.4 | 53" |
| 8' | 24.1 | 62.5" |



DIA.

FLOOD BEAM ANGLE 45°

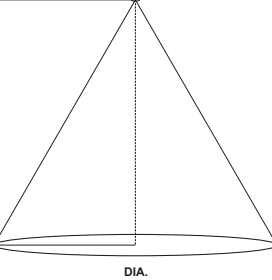
| D' | FC | DIA. |
|----|------|-------|
| 1' | 496 | 9.7" |
| 2' | 124 | 19.4" |
| 3' | 55.1 | 29.2" |
| 4' | 131 | 38.9" |
| 5' | 19.8 | 48.6" |
| 6' | 13.8 | 58.3" |
| 7' | 10.1 | 68" |
| 8' | 7.8 | 77.8" |



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" |

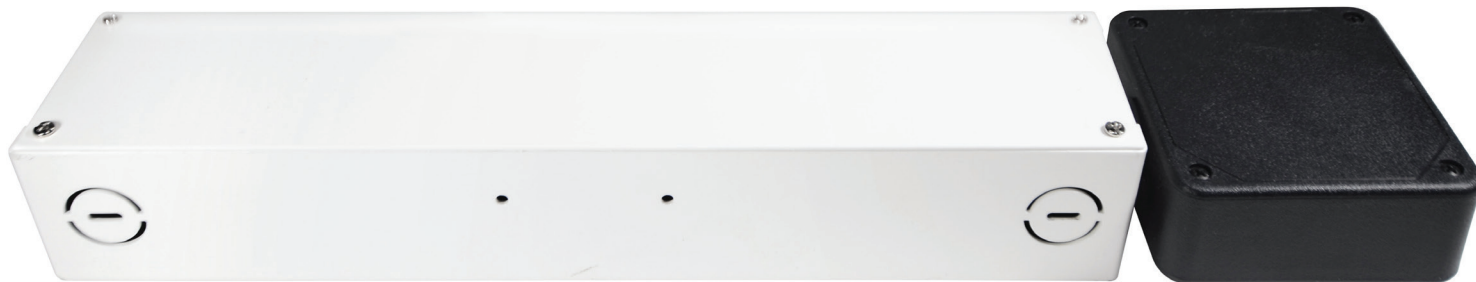


DIA.

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

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 |




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

UNIVERSAL POWER SUPPLIES WITH TRIM

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

REV 12.02.24

| 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 | |
|---------|--|--------------|--|------|--|

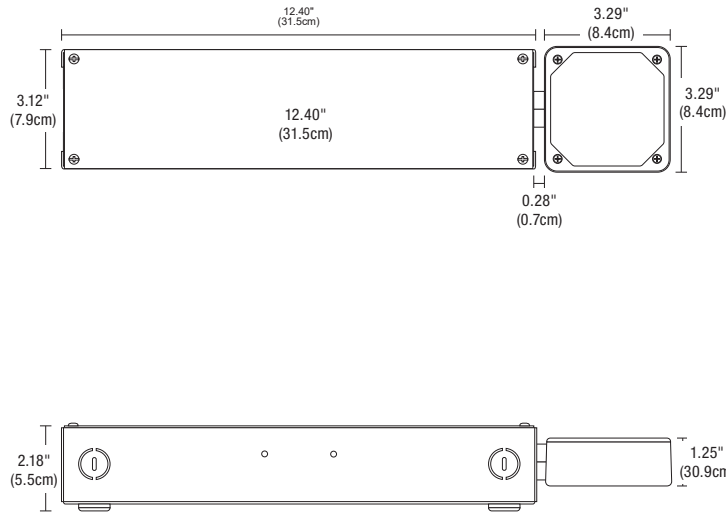
UNIVERSAL POWER SUPPLIES WITH TRIM

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

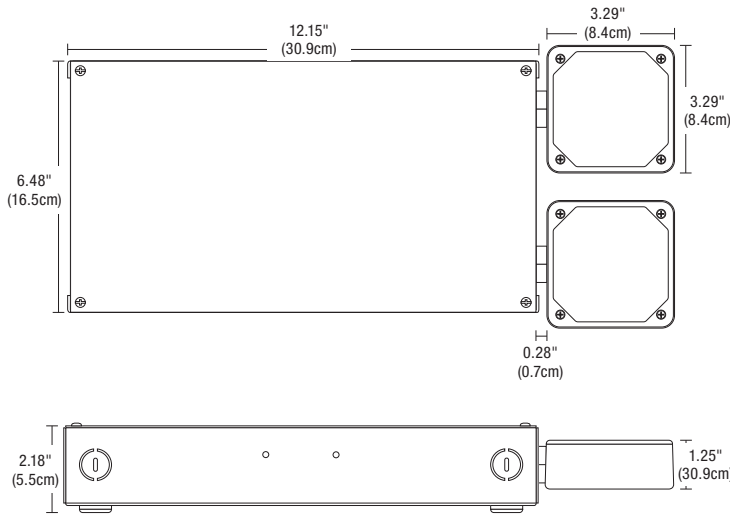
REV 12.02.24

POWER SUPPLY DIMENSIONS & DIAGRAMS

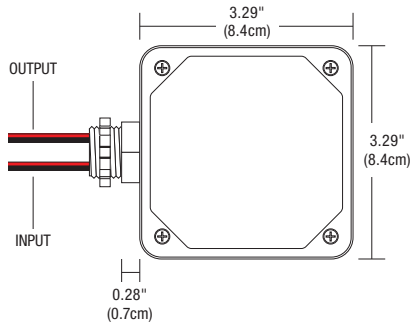
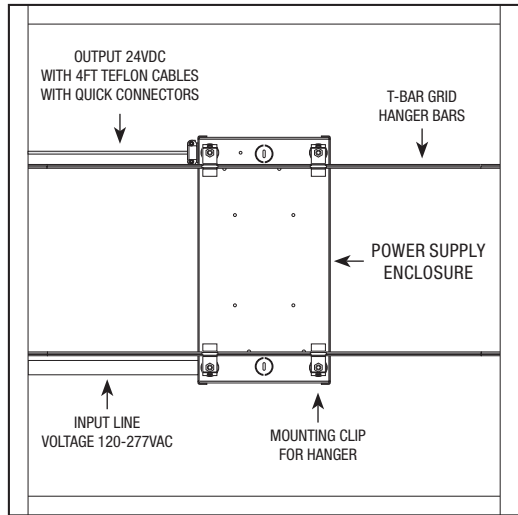
40W, 60W, 96W



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 | |
|---------|--|--------------|--|------|--|

INPUT
120-277
VAC

N

GND

L

ELV DIMMER

N

GND

L

PSB-96W-UNI-24VDC-T

POWER SUPPLY

DO NOT USE
0-10V WIRES

OUTPUT

INPUT

TO TRACK OR MONOPOINT SYSTEM WITH TRACK HEADS

T24
TRACK HEAD

T24M
TRACK HEAD

FJ24
TRACK HEAD

WIZ PRO SYSTEM ARCHITECTURE AND WIRING

System Components and Connectivity:

- Smart Phone:** WIZ APP
- Desktop/Laptop Computer:** WIZ PRO DASHBOARD
- Wi-Fi Router:** Connects to the WIZ cloud service.
- WIZ Cloud Service:** Settings saved in the event of power loss.
- Voice Control:** Works with Google Assistant, Alexa, IFTTT, and Siri Shortcuts.
- Travel:** WIZ APP on a mobile device.

Wiring Diagram:

INPUT: 120 VAC (L, N) connected to the **PURE SMART DIMMER SWW-DIM-WH**.

LOAD: Connected to the dimmer and the **PSB-96W-UNI-24VDC-T** power supply.

POWER SUPPLY: PSB-96W-UNI-24VDC-T. 0-10V WIRES NOT NEEDED.

OUTPUT: Connected to the track head.

TRACK HEADS: T24 TRACK HEAD, T24M TRACK HEAD, FJ24 TRACK HEAD.

Legend:

- Wireless 2.4GHZ Wi-Fi (Blue dashed line)
- Direct Communication (Orange dashed line)
- Hardwired (Red solid line)

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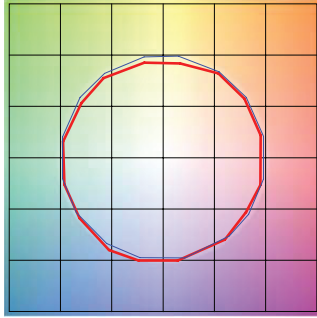
TM30 DATA

FAST JACK CEILING CONNECTION SYSTEM

TM-30-15 DATA: 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

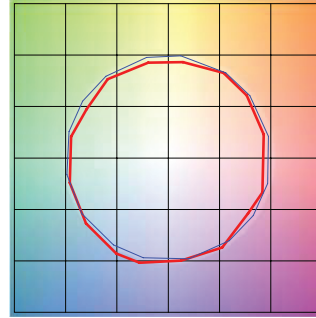


■ Test ■ Reference

| | | 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

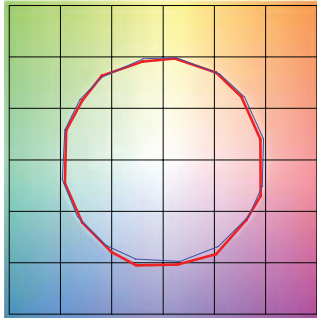


■ Test ■ Reference

| | | 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

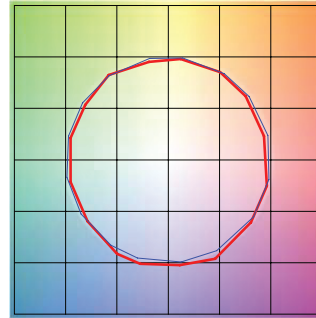


■ Test ■ Reference

| | | 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

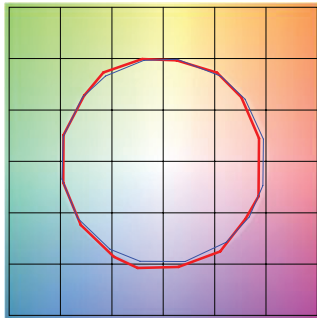


■ Test ■ Reference

| | | 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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