VANISHING POINT TUBO SMALL
LED DOWN LIGHT 24VDC

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA | PATENT PENDING

PURE EDGE
LIGHTING

VR
Vanishing Point
No visible canopy at the ceiling surface

V2MR
Vanishing Point 2" Flush Canopy for Millwork

DESCRIPTION

Vanishing Point Tubo Small Downlight is an innovative design that allows the fixture to disappear into the ceiling. The Plaster-In 24VDC System with integrated LED offers distinct mounting options for Drywall and Millwork using a remotely located power supply or an ELV power supply within the junction box. You may feed up to 10 fixtures using the remote universal power supply (ordered separately). The Tubo Small Downlight is available in a black or white powder coat finishes with five color temperatures to choose from, including Warm Dim **(30D)**. Offered in multiple beam spreads, that can be changed in the field.

DRYWALL APPLICATIONS (PLASTER-IN)

VR – Remote 24VDC Power Supply (Order Separately). Can feed up to 10 downlights.

MILLWORK APPLICATIONS

V2MR – Remote Power- The downlight sits flush in Millwork ceilings for a clean look with a slight 5/8" outline; 24VDC remote power supply may feed up to 10 Tubo Small Downlights.

SPECIFICATIONS

- Input Voltage 120VAC/24VDC
- Power Consumption: 8.5 watts (7.5 warm dim)
- Construction: Die Cast Aluminum
- Dimensions: Ø 1.61" Height 3.94"
- Color Rendering: COB Chromaticity range within a 2-step MacAdam Ellipse
- Average LED life: 60,000 hrs

REMOTE POWER SUPPLIES*, DIMMERS & CONTROLS (SOLD SEPARATELY)
24VDC, CLASS 2 WIRING

- UNI Driver: Universal Dimming **(TRIAC, ELV, 0-10V)**
*In-Wall Mounting and drop ceiling Kits available for select power supplies

APPLICATIONS

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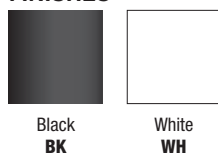
LAMPING

	BEAM ANGLE REFERENCE 40°				
COLOR TEMPERATURE	24K	27K	30K	30D*	35K
TOTAL LUMENS	485	433	419	287	481
WATTS	8.5	8.5	8.5	7.5	8.5
LUMENS PER WATT (lm/w)	57	51	40.2	38.6	57
CRI	97	92	94	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
LAMP LIFE	60,000 Hours, 70% Lumen Maintenance				

WARRANTY / LABELS

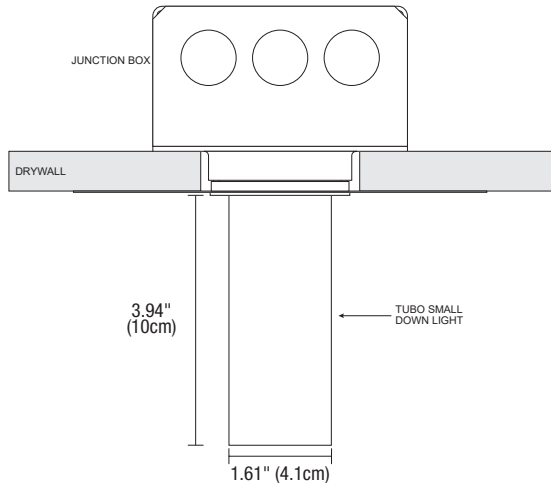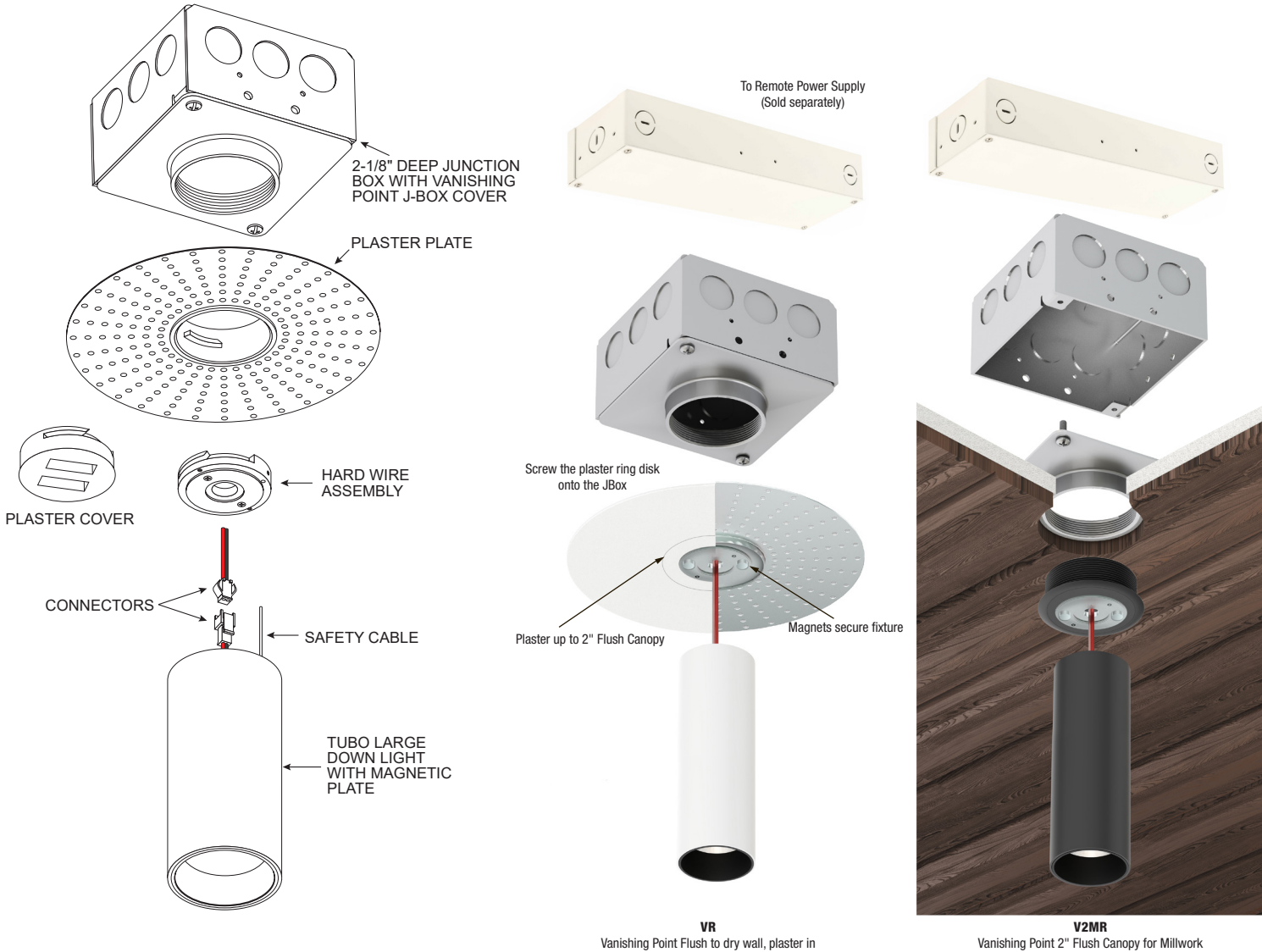Pro-rated 5 year warranty. Assembled in America, ETL (Conforms to UL1598 and CSA 22.2 #250.0), RoHs

FINISHES

Black
BK

White
WH

System		Type	Fixture	Beam Spread	Color Temperature	Finish
VR		**HW24**	**TUBSD**	**FL**	**30K**	**WH**

VR Vanishing Point Drywall (Plaster-In) with Remote Power supply (order separately)	**HW24** Hard Wire 24VDC	**TUBSD** Tubo Small Down Light	**NS** Narrow Spot 15°	**24K** 2400K Very Warm White	**BK** Black
V2MR Vanishing Point Flush canopy for Millwork with Remote Power supply (order separately)			**SP** Spot 25°	**27K** 2700K Incandescent White	**WH** White
			NF Narrow Flood 35°	**30K** 3000K Warm White	
			FL Flood 45°	**30D** 3000K Warm Dim to 1800K*	
			VW Very Wide Flood 75°	**35K** 3500K Neutral White	
				*Not available in NS	

PROJECT		FIXTURE TYPE		DATE	

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For custom design and layout assistance, send drawings to design@PureEdgeLighting.com

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VANISHING POINT TUBO SMALL
LED DOWN LIGHT 24VDC

PURE EDGE
LIGHTING

2-1/8" DEEP JUNCTION BOX WITH VANISHING POINT J-BOX COVER

PLASTER PLATE

PLASTER COVER

HARD WIRE ASSEMBLY

CONNECTORS

SAFETY CABLE

TUBO LARGE DOWN LIGHT WITH MAGNETIC PLATE

To Remote Power Supply (Sold separately)

Screw the plaster ring disk onto the JBox

Plaster up to 2" Flush Canopy

Magnets secure fixture

VR
Vanishing Point Flush to dry wall, plaster in

V2MR
Vanishing Point 2" Flush Canopy for Millwork

JUNCTION BOX

DRYWALL

3.94" (10cm)

TUBO SMALL DOWN LIGHT

1.61" (4.1cm)

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VANISHING POINT TUBO SMALL
LED DOWN LIGHT 24VDC

PURE EDGE LIGHTING

TUBO SMALL Photometric Data
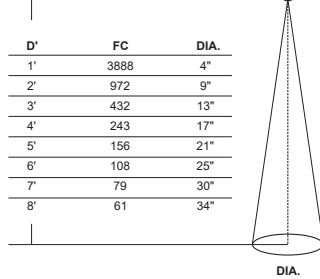
REV 03.04.22

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

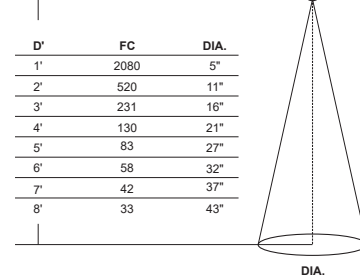### NARROW SPOT BEAM ANGLE 15º
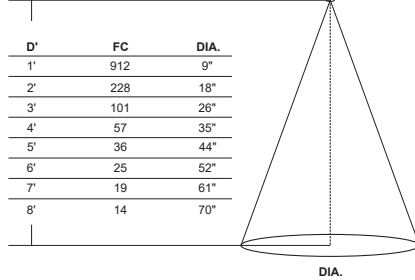
D'	FC	DIA.
1'	3888	4"
2'	972	9"
3'	432	13"
4'	243	17"
5'	156	21"
6'	108	25"
7'	79	30"
8'	61	34"

DIA.

SPOT BEAM ANGLE 25º

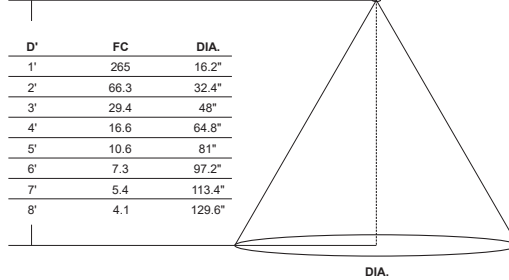| D'	FC	DIA.
1'	6100	3.2"
2'	1520	6.5"
3'	678	9.7"
4'	381	13"
5'	244	16.2"
6'	169	19.4"
7'	124	22.8"
8'	95.3	25.9"

DIA.
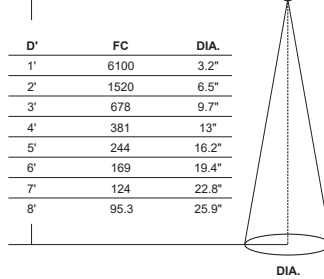
NARROW FLOOD BEAM ANGLE 35º

D'	FC	DIA.
1'	2080	5"
2'	520	11"
3'	231	16"
4'	130	21"
5'	83	27"
6'	58	32"
7'	42	37"
8'	33	43"

DIA.

FLOOD BEAM ANGLE 45º

D'	FC	DIA.
1'	912	9"
2'	228	18"
3'	101	26"
4'	57	35"
5'	36	44"
6'	25	52"
7'	19	61"
8'	14	70"

DIA.
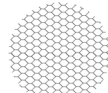
VERY WIDE FLOOD BEAM ANGLE 75º

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.

	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-VW-SW**	**WARM DIM** **LEN-TUBS-SP-WD** **LEN-TUBS-FL-WD** **LEN-TUBS-VW-WD**	**TUBS-ST-BK** **TUBS-ST-WH (WHITE SHELL)**	**LO16-H**	**LF-TUBS-SF (SOFT FOCUS),** **MF (MEDIUM FOCUS),** **WF (WHITE FOCUS)**	**LF-TUBS-LS**
LENS SIZE	1.375" (35mm) Diameter		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.
BEAM SPREADS	**NS** (15°), **SP** (25°), **NF** (35°), **FL** (45°), **VW** (75°)					

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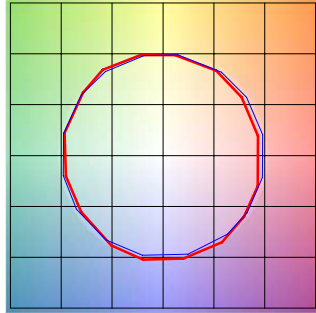
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CEILING TM30 DATA
LED DOWN LIGHT 24VDC

PURE EDGE LIGHTING

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.
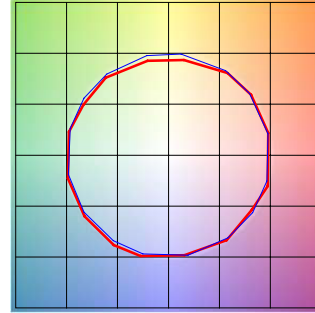
2400K | Rf: 91.0 | Rg: 99.6

Color Vector Graphic

■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	90.1	-4.6%	-0.3%
2	90.6	-4.0%	2.7%
3	88.6	-1.6%	5.1%
4	93.1	-0.9%	2.7%
5	94.6	1.1%	3.3%
6	94.6	2.9%	1.0%
7	94.1	-0.2%	-2.7%
8	97.1	-0.9%	-1.2%
9	94.5	-2.4%	1.0%
10	90.3	-2.5%	4.5%
11	88.6	1.5%	7.1%
12	89.2	4.1%	1.5%
13	90.6	3.4%	-5.3%
14	84.5	3.5%	-8.9%
15	92.3	-0.5%	-4.7%
16	85.4	-2.9%	-9.4%

2700K | Rf: 93.3 | Rg: 98.8

Color Vector Graphic

■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	95.9	0.3%	0.7%
2	95.5	0.6%	-2.0%
3	93.7	-0.8%	-2.8%
4	89.8	-5.2%	-4.0%
5	93.1	-5.2%	0.2%
6	93.9	-2.4%	2.9%
7	89.0	-3.1%	5.5%
8	93.6	0.5%	3.7%
9	92.9	1.2%	3.8%
10	92.7	2.0%	3.9%
11	93.7	3.2%	2.9%
12	93.7	2.7%	-1.8%
13	94.9	-0.7%	-3.4%
14	94.7	1.3%	-2.4%
15	92.9	-2.1%	2.0%
16	92.2	1.7%	-5.0%

3000K | Rf: 90.5 | Rg: 98.0

Color Vector Graphic

■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	88.7	-5.3%	0.5%
2	90.7	-3.6%	2.8%
3	89.4	-1.7%	4.6%
4	93.3	-2.1%	1.4%
5	94.6	-0.8%	2.2%
6	96.2	0.6%	-0.2%
7	92.5	-3.4%	-0.9%
8	96.4	-1.7%	0.5%
9	92.0	-2.4%	3.7%
10	87.3	-1.1%	7.1%
11	87.6	1.7%	8.2%
12	89.2	4.8%	0.4%
13	90.6	2.5%	-5.7%
14	86.7	3.3%	-9.0%
15	90.9	-2.4%	-3.9%
16	84.1	-3.5%	-10.3%

3500K | Rf: 93.9 | Rg: 100.9

Color Vector Graphic
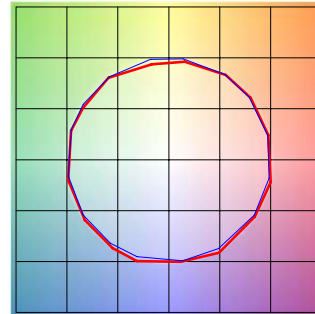
■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
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3	96.0	0.2%	-1.0%
4	94.3	-2.5%	-1.9%
5	93.2	-4.8%	-0.2%
6	97.1	-0.3%	1.4%
7	93.8	-1.7%	3.2%
8	97.3	0.2%	1.3%
9	93.3	0.8%	4.2%
10	91.4	1.4%	5.2%
11	90.6	2.8%	4.5%
12	92.6	4.4%	0.5%
13	96.3	0.7%	-1.9%
14	93.9	3.6%	-1.8%
15	92.4	1.2%	-0.9%
16	91.5	2.3%	-3.3%

3000D | Rf: 90.5 | Rg: 98.0

Color Vector Graphic

■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	88.7	-5.3%	0.5%
2	90.7	-3.6%	2.8%
3	89.4	-1.7%	4.6%
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