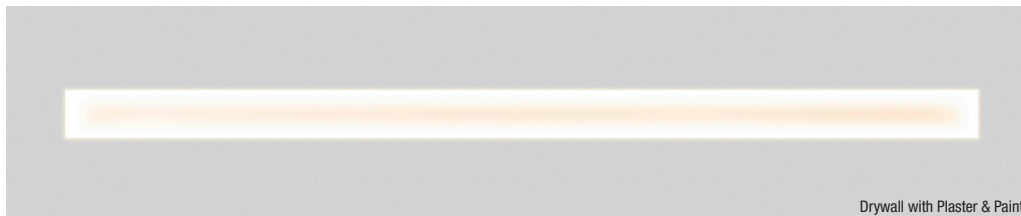


VEIL CEILING/WALL, TUNABLE WHITE

PLASTER-IN LED SYSTEM, 24VDC



Drywall with Plaster & Paint



Recesses into 5/8" Dry Wall

DESCRIPTION

Veil Ceiling/Wall with Tunable White technology is another original and innovative design that comes from the family of Plaster-in 24VDC systems pioneered by PureEdge that recesses within 5/8" drywall, without joist modification. The slim extrusions elegantly emit smooth, ambient illumination through the 3" opening, the paintable backer plate creates a seamless aesthetic blending into the drywall. Veil Ceiling/Wall is field-cuttable, and sold in 1' increments up to 8'. Tunable White 2000K-6500K (**2K6K**) or 2700K-6500K (**27K6**) grants independent control and adjustment of color temperature and intensity from 2000K (Sunset) through 6500K (Day Light White). Tunable white lighting visually, biologically and emotionally contributes to human interaction with the physical world. Human centric lighting (HCL) builds on this technology bringing the dynamics of natural daylight indoors, and delivering a positive effect on human health, wellbeing and performance. Offered in three wattage options. For Static White, Warm Dim (**27D** or **30D**), Dynamic **RGB**, **RGB+White**, and **RGBTW** TruColor™, please refer to their respective specifications. This plaster-in LED system brings together a Modern and Dynamic appearance to Residential and Commercial environments, offering unlimited creativity and empowering you to design One-of-a-kind spaces every time. Remote Power supplies are required and sold separately. Coordinate installation with electrical and drywall contractors. Includes a 5-year pro-rated warranty. For custom quotes and layout assistance, send your drawings and ideas to our design team: design@PureEdgeLighting.com

LAMP

- Tunable White: 2000K-6500K (**2K6K**) and 2700K-6500K (**27K6**) grants independent control for adjusting color temperature and intensity
- Lumen Performance: 388lm/ft at 3000K 14W per foot
- Average life: 50,000 hours
- For additional color temperatures refer to other specification

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

24VDC, Class 2 wiring

- [Pure Smart™ WiZ Pro Power Supplies & Controls](#)
- 0-10V:** Requires two dimmers, one for intensity and one for color temperature
- [DMX Dynamic Color Changing](#)
- [Controls](#)

*In-wall mounting and drop ceiling kits available for select power supplies

INCLUDED COMPONENTS

Junction Box, Adjustable Mounting Bars, Drywall Screws, Veil Channel(s), Lenses and Backer Plate.

ORDERING & INSTALLATION

Veil may be secured to studs spaced 13"-24" apart or between studs with provided mounting straps. Order in 1' increments up to 8', field-cuttable to any length.

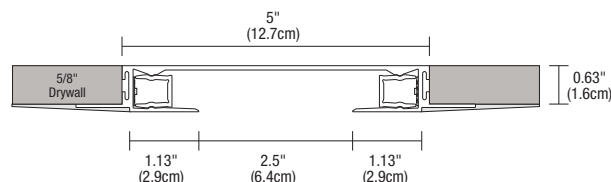
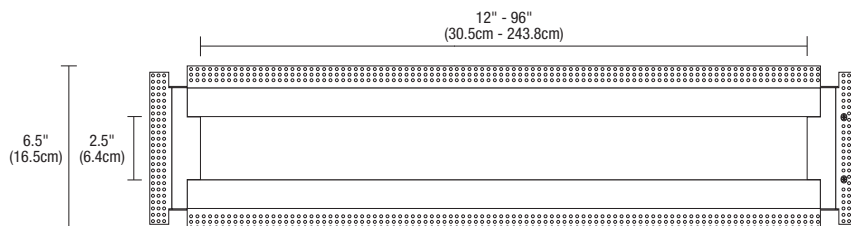
- 5 watts per foot 40' (2 x 2.5WDC)
- 10 watts per foot 20' (2 x 4.6WDC)
- 14 watts per foot 12' (2 x 7.5WDC)

APPLICATIONS

Indoor damp or dry locations only. Designed for any indoor space with drywall. Ideal applications in Residential, Commercial, Retail, and Hospitality environments.

COMPLIANCE

ETL, Class 2, RoHS, Damp Location, Made in USA.



PureEdge is the Original Designer of 5/8" Drywall Lighting Products with the Most Experience in the industry.

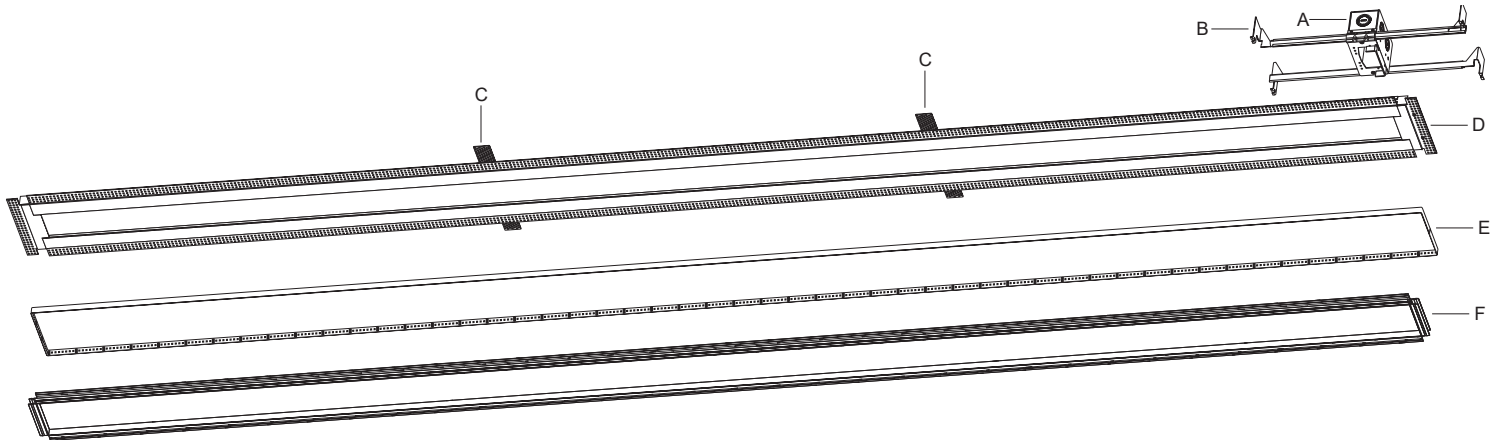
System	Wattage Per Foot	Length in Feet	Color Temperature
VECE	5WDC	8FT	2K6K
VECE Veil Ceiling or Wall	5WDC 2x2.5 Watts 10WDC 2x4.6 Watts 14WDC 2x7.5 Watts	1FT 1' 2FT 2' 3FT 3' 4FT 4'	5FT 5' 6FT 6' 7FT 7' 8FT 8'
			2K6K Tunable White 2000K-6500K 27K6 Tunable White 2700K-6500K

PROJECT	FIXTURE TYPE	DATE
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VEIL CEILING/WALL, TUNABLE WHITE

PLASTER-IN LED SYSTEM, 24VDC

INCLUDED COMPONENTS



A. JUNCTION BOX

Mounts behind drywall with Adjustable Mounting Bars. Low Voltage 24VDC wires from Remote Power Supply connect to LED wires inside box. Junction Box opening is covered by the Backer Plate and required at the beginning of each run.

B. ADJUSTABLE MOUNTING BARS

Provide flexibility for mounting in a variety of spaces. Veil Ceiling/Wall includes two sets of mounting hardware.

C. PERFORATED MOUNTING STRAP (MBAR)

Secures channel to drywall when wall stud is unavailable.

D. VEIL CHANNEL

5/8" deep extrusion houses a double row of LED Strip

E. LED STRIP

Your choice of LED Strip. See lamp data for additional details.

F. LENS

0.6" wide diffused lens projects a clean line of light without pixelation. Veil includes two lenses.



JUNCTION BOX ROUGH-IN COMPONENT

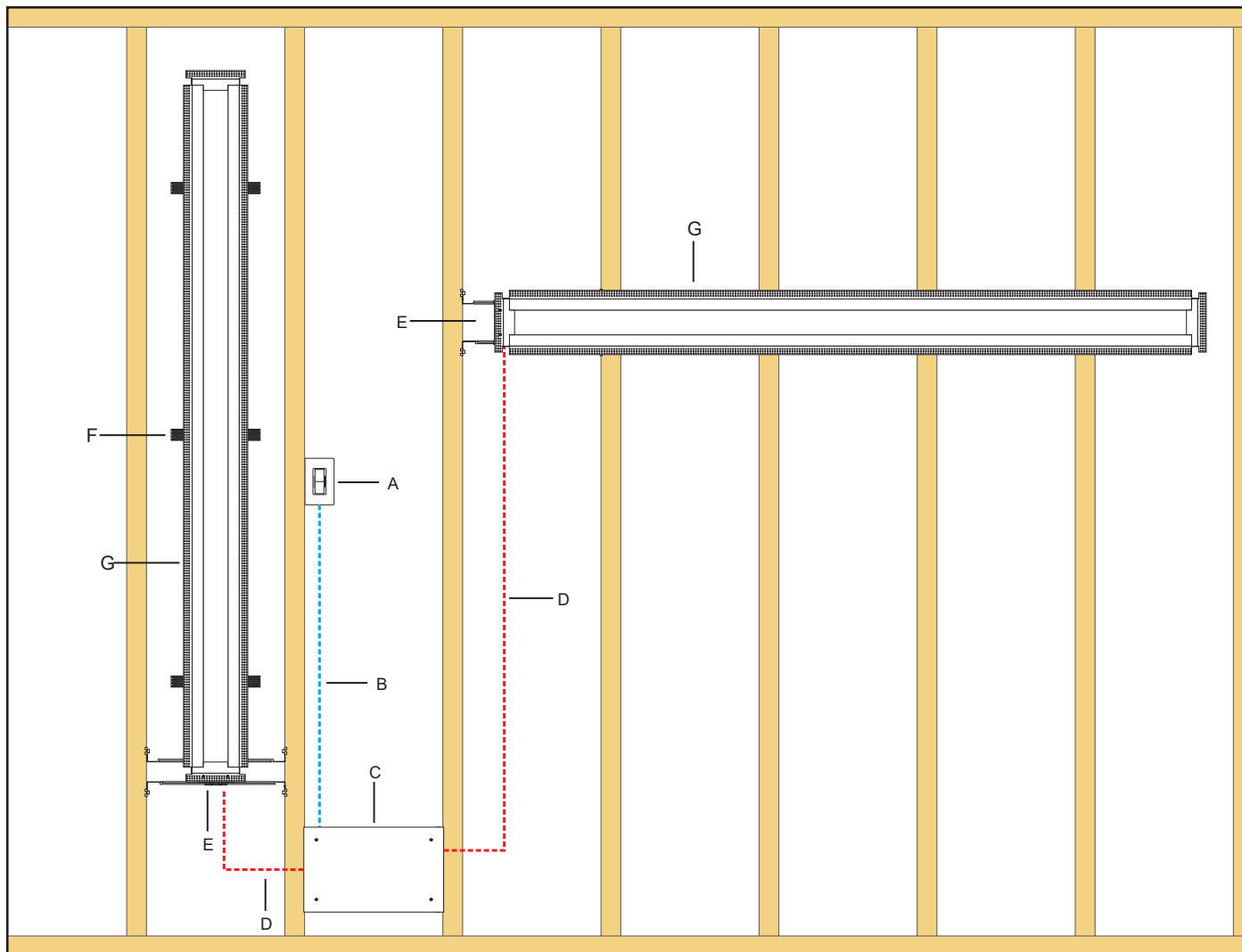
One Junction Box is included with Veil Ceiling/Wall. Order additional Junction Box(es) separately to rough-in electrical wiring before drywall installation. Quick shipment available.

System	Size	Component
VG	1RE	JBOX
VG Verge	1RE 1" Rectangle	JBOX Junction Box

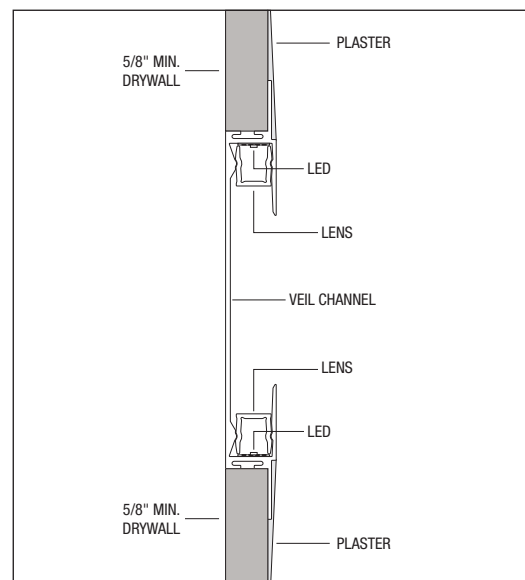
PROJECT		FIXTURE TYPE		DATE	
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VEIL CEILING/WALL, TUNABLE WHITE PLASTER-IN LED SYSTEM, 24VDC

INSTALLATION



- A. DIMMER OR SWITCH**
- B. 120VAC WIRING**
- C. 120V/24VDC REMOTE POWER SUPPLY WITH IN-WALL MOUNTING KIT**
- D. 24VDC**
- E. JUNCTION BOX**
- F. PERFORATED MOUNTING STRAPS (MBAR)**
- G. VEIL**



PROJECT		FIXTURE TYPE		DATE	
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VEIL CEILING/WALL, TUNABLE WHITE

PLASTER-IN LED SYSTEM, 24VDC

DELIVERED LUMENS

REV 08.14.23

	TUNABLE WHITE 2K6K (2000K-6500K)									TUNABLE WHITE 27K6 (2700K-6500K)							
WATTS PER FOOT	5W (2x2.5 Watts)									5W (2x2.5 Watts)							
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	27K	30K	35K	40K	45K	57K	65K	
LUMENS PER FOOT (lm/ft)	97	98	100	101	102	105	115	124	132	111	132	136	139	152	164	156	
LUMENS PER WATT (lm/w)	52	49	50	51	51	53	57	62	74	31	33	34	35	38	41	43	
CRI	91+	91+	91+	91+	91+	94+	94+	94+	91+	91+	91+	91+	94+	94+	94+	91+	

	TUNABLE WHITE 2K6K (2000K-6500K)									TUNABLE WHITE 27K6 (2700K-6500K)							
WATTS PER FOOT	10W (2x4.6 Watts)									10W (2x4.6 Watts)							
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	27K	30K	35K	40K	45K	57K	65K	
LUMENS PER FOOT (lm/ft)	235	245	254	264	273	292	313	316	319	278	284	295	306	302	300	299	
LUMENS PER WATT (lm/w)	51	51	53	55	57	61	65	66	69	35	31	32	33	33	33	37	
CRI	91+	91+	91+	91+	91+	94+	94+	94+	91+	91+	91+	91+	94+	94+	94+	91+	

	TUNABLE WHITE 2K6K (2000K-6500K)									TUNABLE WHITE 27K6 (2700K-6500K)							
WATTS PER FOOT	14W (2x7.5 Watts)									14W (2x7.5 Watts)							
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	27K	30K	35K	40K	45K	57K	65K	
LUMENS PER FOOT (lm/ft)	327	342	358	373	388	419	441	446	450	375	384	398	413	408	405	404	
LUMENS PER WATT (lm/w)	51	48	50	52	54	58	61	62	70	29	27	28	29	28	28	32	
CRI	91+	91+	91+	91+	91+	94+	94+	94+	91+	91+	91+	91+	94+	94+	94+	91+	

LENGTH LOAD CHARTS: To determine the necessary wire gauge use our [Voltage Drop Calculator](#).

5 WATTS PER FOOT (2 X 2.5W)	
LENGTH IN FEET	WATTS
1	5
2	10
3	14
4	19
5	24
6	29
7	34
8	38

10 WATTS PER FOOT (2 X 4.6W)	
LENGTH IN FEET	WATTS
1	10
2	19
3	29
4	38
5	48
6	58
7	67
8	77

14 WATTS PER FOOT (2 X 7.5W)	
LENGTH IN FEET	WATTS
1	14
2	28
3	42
4	56
5	70
6	84

PROJECT		FIXTURE TYPE		DATE	
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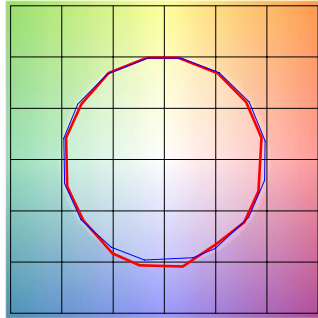
TM30 DATA

PLASTER-IN LED SYSTEM, 24VDC

TM-30-15 DATA: The data below is for Tunable White bare LED Strip. Consistent color temperatures throughout a single strip and among multiple strips is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

2000K ONLY (2K6K/27K6) | Rf: 90.6 | Rg: 98.5

Color Vector Graphic

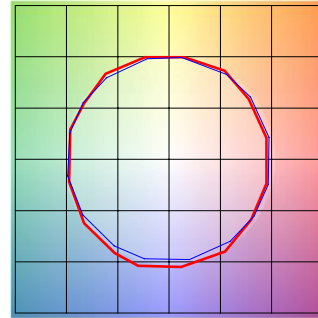


Test Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	87.7	-5.5%	1.2%
2	88.7	-3.9%	4.2%
3	90.5	-1.5%	4.3%
4	95.0	-1.7%	0.8%
5	95.2	-0.2%	2.1%
6	94.2	1.6%	1.9%
7	95.9	-0.8%	-2.2%
8	95.5	-1.7%	1.3%
9	93.8	-1.4	2.6%
10	91.9	-0.7%	4.2%
11	91.3	3.6%	3.7%
12	91.2	4.2%	-1.0%
13	86.6	3.8%	-12.7%
14	67.2	-3.0%	-16.3%
15	84.9	-3.3%	-9.4%
16	84.2	-5.7%	-7.5%

3000K (2K6K/27K6) | Rf: 90.5 | Rg: 100.7

Color Vector Graphic

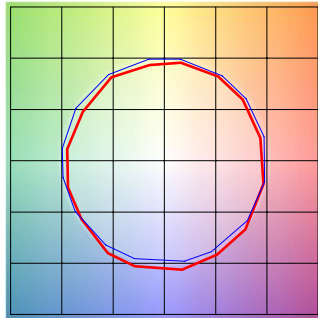


Test Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	91.5	-3.5%	1.2%
2	92.4	-1.8%	2.7%
3	89.8	0.3%	4.5%
4	92.4	-1.7%	0.4%
5	93.3	-0.1%	1.4%
6	94.5	2.1%	-0.6%
7	91.0	-2.5%	0.3%
8	96.9	-0.8%	-0.2%
9	91.6	-0.9%	4.6%
10	86.7	0.7%	7.8%
11	86.3	3.8%	8.5%
12	88.3	6.1%	0.6%
13	90.9	3.1%	-5.2%
14	87.3	4.7%	-7.9%
15	92.1	-1.9%	-2.5%
16	84.5	-0.9%	-10.9%

4000K ONLY (2K6K/27K6) | Rf: 86.4 | Rg: 96.1

Color Vector Graphic



Test Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	86.5	-5.5%	1.3%
2	90.4	-3.0%	2.3%
3	89.8	-2.1%	3.6%
4	89.1	-3.4%	0.4%
5	88.5	-5.9%	0.1%
6	93.6	-3.0%	-0.4%
7	88.9	-6.2%	1.7%
8	87.3	-5.0%	4.9%
9	82.4	-3.6%	11.3%
10	77.4	-1.8%	12.7%
11	79.8	4.9%	11.4%
12	88.7	4.4%	2.7%
13	88.7	4.0%	-5.1%
14	91.2	2.2%	-3.8%
15	82.7	-0.1%	-9.2%
16	82.8	-2.2%	-7.6%

PROJECT		FIXTURE TYPE		DATE	
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