

VERGE CORNER RGB/RGBW

24VDC, 5/8" DRYWALL PLASTER-IN LED SYSTEM

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 08.22.25



DESCRIPTION

Verge Corner RGB & RGBW is another innovative design from PureEdge's family of 24VDC plaster-in systems, continuing to redefine the relationship between lighting and architecture. Verge Corner mounts directly to studs and joists without modification because it recesses within 5/8" or thicker drywall. The slim plaster-in aluminum channel has a 4" paintable backer plate creating visually interesting and dramatic illumination by highlighting the inside Corners of two drywall surfaces such as ceiling, coves, and skylights with the Dynamic Color Effects of RGB and RGBW. Field-cutttable, Verge Corner is ordered in 1' increments up to 20'. Available in multiple wattage and color temperatures ranging from 2400K through 4000K. [Click here for all Other Color Temperatures](#). Verge 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 drawings to design@PureEdgeLighting.com. Designed by Gregory Kay.

DESIGN NOTE

Verge Corner is installed on flat surfaces that form inside corners, coves, windows, and skylights. Ambient and harmonious, the plaster-in LED system blends into 5/8" thick drywall to enhance the contemporary aesthetic of interior spaces. Verge offers unsurpassed precision and flexibility that transforms spaces into thoughtful and refined works of art.

MAXIMUM LENGTHS BEFORE RE-FEEDING:

- 10 watts per foot - 20' (2 x 5WDC) RGB Only
- 12 watts per foot - 16' (2 x 6.3WDC) RGBW Only

LAMP

- RGB: Dynamic Red, Green, and Blue
- RGB+W: Dynamic Red, Green, Blue plus 2000K
- RGB+W Special order in 2700K, 3000K, and 4000K
- Average life: 50,000 hours
- For additional color temperatures refer to other specifications

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

24VDC, Class 2 wiring

RGB

- [DMX & Controls](#)
- [DALI/DALI-2](#)

RGBW

- [DMX & Controls](#)
- [DALI/DALI-2](#)

*In-Wall Mounting and drop ceiling Kits available for select power supplies

ORDERING

Verge Corner is installed behind drywall with Adjustable Mounting Bars Requires Remote Power Supply (ordered separately) In-Wall Mounting Kits are available for select power supplies. Order in 1' increments (12") field-cutttable to any length.

INCLUDED COMPONENTS

(2) Junction Boxes, Adjustable Mounting Bars, (2) Backer Plates, (2) Verge Corner Channels, Drywall Screws, (2) LED Strips, and (2) Lenses

APPLICATIONS

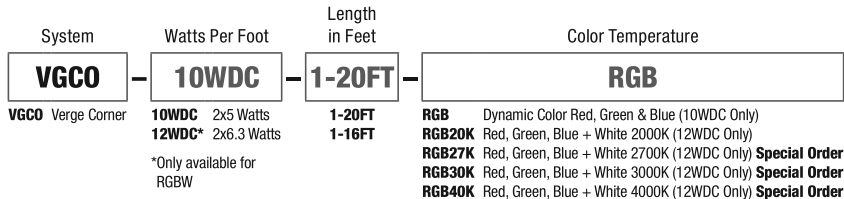
Indoor damp or dry locations only. Ideal for inside corners of drywall surfaces such as Walls and Ceilings, Coves, Windows and Skylights in Residential, Commercial, Retail and Hospitality environments.

COMPLIANCE

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

For quick & easy reference, plus the most up-to-date pricing, use our Configurator. [Verge Corner](#)

PureEdge is the Original Designer of 5/8" Drywall Products, Backed by Over 30 Years of Precision Manufacturing and Design.



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

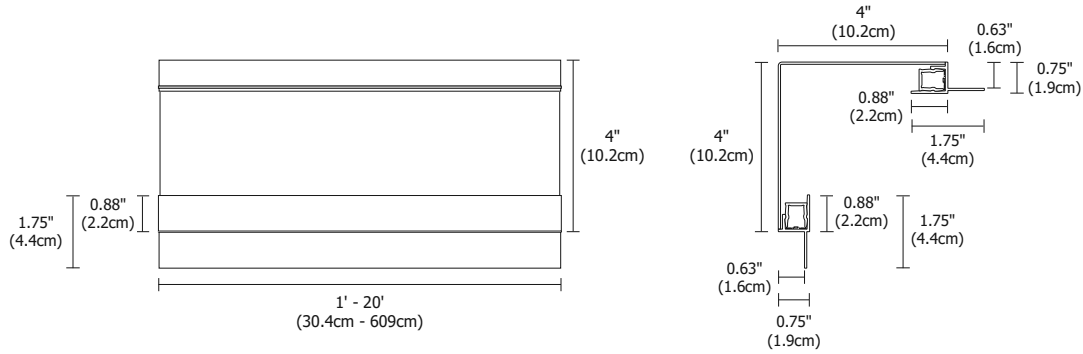
10 WATTS PER FOOT (2 X 5W)	
LENGTH IN FEET	WATTS
1	10
2	19
3	29
4	38
5	48
6	58
7	67
8	77
9	86
10	96
11	106
12	116
13	124
14	134
15	144
16	154
17	164
18	174
19	182
20	192

12 WATTS PER FOOT (2 X 6.3W)	
LENGTH IN FEET	WATTS
1	6
2	12
3	18
4	24
5	30
6	36
7	42
8	48
9	54
10	60
11	66
12	72
13	78
14	84
15	90
16	96

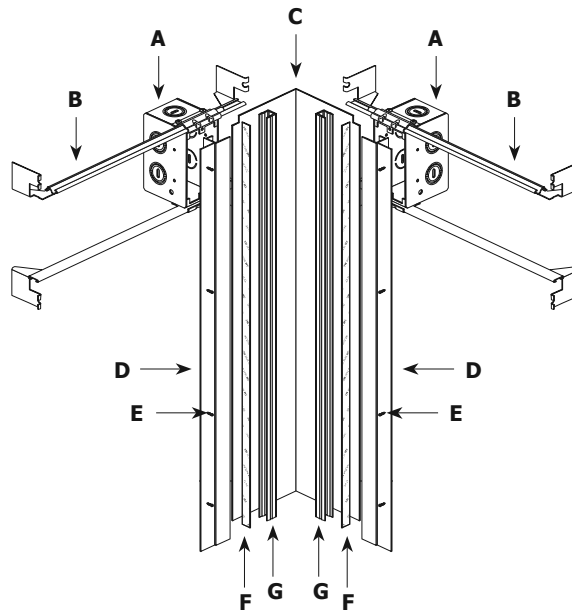
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INCLUDED COMPONENTS



A. JUNCTION BOX

Mounts behind drywall with adjustable mounting bars. Low Voltage 24VDC wires from Remote Power Supply connect to the 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. Verge Corner includes two sets of mounting hardware.

C. BACKER PLATE

4" paintable aluminum plates conceal junction box and reflect light.

D. VERGE CHANNEL

Two 5/8" deep extrusions each house a single row of LED Strip.

E. DRYWALL SCREWS

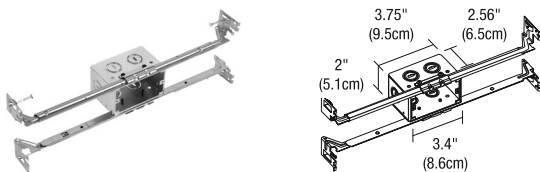
Secure channels to drywall and studs.

F. LED STRIP

Commercial-grade White or Dynamic Color Changing LED Strip. See lamp data on for additional details.

G. LENS

0.6" wide Diffused White lens projects a clean line of light without pixelation. Verge Corner includes two lenses.



JUNCTION BOX ROUGH-IN COMPONENT

One Junction Box is included with Verge Wall and two Junction Boxes are included with Verge Corner. Order additional Junction Box(es) separately to rough-in electrical wiring before drywall installation. Quick shipment available.

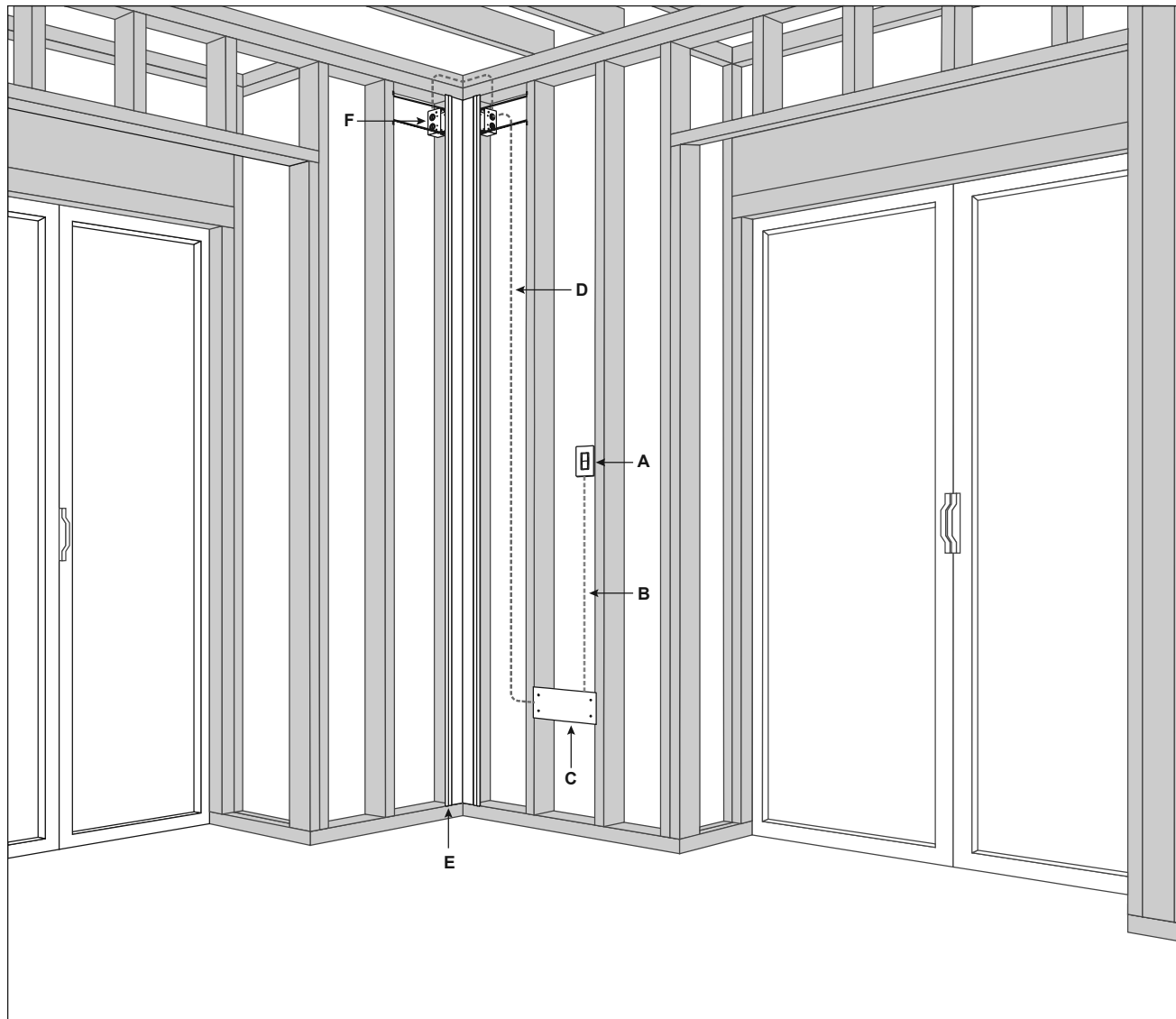
System	Size	Component
VG	1RE	JBOX
VG Verge	1RE 1" Rectangle	JBOX Junction Box
*For RGB+W use VG-1RD-JBOX-RGBW		

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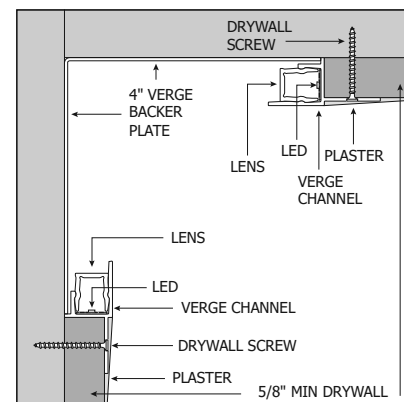
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INSTALLATION



- A. CONTROLLER**
- B. 120VAC WIRING**
- C. 120V/24VDC REMOTE POWER SUPPLY FOR IN-WALL MOUNTING KIT**
- D. 24VDC, CLASS 2 WIRING**
- E. VERGE CORNER CHANNEL**
- F. JUNCTION BOX**



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