

V Cove

Continuous linear perimeter lighting system

- Light source positioned for optimum vertical spread of illumination.
- Light source is not visible from any viewing angle up to and including direct vertical view.
- Delivers continuous soft wash of directed light to adjacent wall surface.
- Satin Diffuser for high efficiency and soft edge beam without striations.
- Finished wall is illuminated from above the ceiling plane.
- Removable light source sub assembly for ease of installation and maintenance.
- High efficiency linear LED in a range of outputs, including static white, tunable white, warm dim and RGBW.
- Integral drivers and through wiring.
- Lengths and angles factory cut to exact field dimensions.
- Mitered and welded corners available with continuous illumination.
- Made in the USA.



Housing

Precision extruded aluminum for true dimensions and tolerances

Alignment hardware for invisible seam from below

Housing provided in any exact length

Unitized gear tray with LEDs for easy final installation

Standard and tailored lengths

Wall mounting allows the finished wall to extend above the ceiling plane.

Infill top panel (optional)

Corners: standard and non-standard

Finishes: RAL 9010 white 15% gloss

Integration

Fixation into gypsum, hard ceilings and all grid ceiling types

Distribution

Asymmetric forward throw with max. beam at 40 degrees from nadir

Redirected light for soft, even illumination of the adjacent wall surface

Satin clear diffuser for wide, diffuse and efficient light emission

LED

>90 CRI, 3-Step MacAdam, 2700-4000K static white

1.5W - 15W per foot, 180 nominal lumens per watt average, constant current

Tuneable white 2200-4000K, 80 nominal lumens per watt average

Warm Dim to emulate incandescent when dimming; 75 nominal lumens per watt average

RGBW, 50 nominal lumens per watt

L70 (TM21 Projected 85C) Static White / Tunable White = 72,000 hours, RGBW = 50,000 hours, WD = 36,000 hours

Lens

SDC - satin clear dust cover for wipe down applications

Driver

Integral driver

Compatible with quality constant current (Static White / Tunable White) and constant voltage (WD / RGBW) drivers

Connectivity

POE

Wireless

Weight

3lbs per foot

Operating Temp

Suitable for operation in maximum ambient temperature of 35C (95F)

Warranty

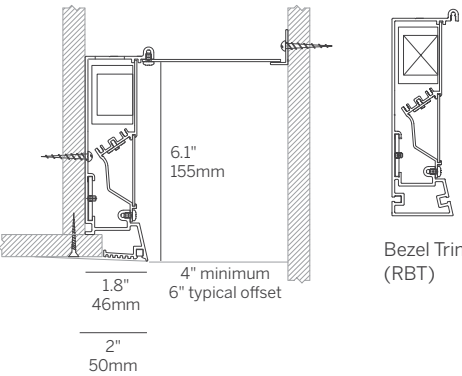
5-year Limited (see complete company warranty information)

Certifications

ETL and ETL-C for dry and damp location, CE

Voltages

120-277VAC



Gypsum Ceiling Mounting
Plaster Trim (RPT)

Bezel Trim
(RBT)

V Cove

Model	Fixation	Pattern	Length	Power ³	CRI/ CCT ⁴	Driver ⁶	In-fill	Lens	Finish ⁷	Options
WG-VBC	RPT RBT	S ¹ PI ² PO ² PZ ²	A A x B A x B x C A x B x A x B	P0 P1 P2 P3 P4 L M H	927 930 935 940 TW ⁵ WD RGBW	E1 L1 POE BT DALI TQ D010 L3DAE L3D0E EL96 DMX	X P4 P6 PX	SDC (std)	W (std) F	EM

Model

- WG-VBC = V Cove

Fixation

- RPT = Recessed plaster trim
- RBT = Recessed bezel trim

Pattern

- S = Straight run¹
- PI = Standard patterns 2, 3, or 4 sided with 90° inside corners on the same plane²
- PO = Standard patterns 2, 3 or 4 sided with 90° outside corners on the same plane²
- PZ = Non-standard patterns and/or corners other than 90°; consult factory²

Length

- A, B, C = specify inches to the nearest 0.25" (i.e. 72.25") For patterns specify each length (i.e. 2 sided: A x B = 72.25" x 48"; 3 sided: A x B x C; 4 sided: A x B x A x B)

Power³

- P0 = 1.5 W/ft
- P1 = 3 W/ft
- P2 = 6 W/ft
- P3 = 10 W/ft
- P4 = 15 W/ft
- L = 2.7 W/ft WD low power (24V)
- M = 5.5 W/ft WD medium power (24V) [RGBW 7.6 W/ft]
- H = 8W/ft WD high power (24V)

CRI / CCT (90+ CRI minimum)⁴

- 927 = 2700K
- 930 = 3000K
- 935 = 3500K
- 940 = 4000K
- TW = Tunable White 2200K - 4000K⁵
- WD = Warm Dim 1800K-3000K
- RGBW = 3000K White

Driver (integral)⁶

- E1 = eldoLED 0.1% dimming, 0-10V (120-277V)
- L1 = Lutron 1% dimming, EcoSystem (120-277V)
- POE = Power over Ethernet
- BT = Wireless CAS - Casambi (Must specify BT with E1 or DALI)
- DALI = eldoLED DALI DT8 0.1% (120-277V)
- TQ = T-series for Lutron Quantum 0.1 % (120-277V) [TW only]
- D010 = Osram, 10%, 0-10V dimming, 120-277V [WD only]
- L3DAE = Lutron Hi-lume 1% EcoSystem, 120-277V [WD only]
- L3D0E = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V (remote) [WD only]
- DMX = Osram + eldoLED 24V, DMX dimming [WD + RGBW Only]

In-fill

- X = No in-fill panel
- P4 = 4" in-fill panel
- P6 = 6" in-fill panel
- PX = Custom in-fill panel (contact factory)

Lens

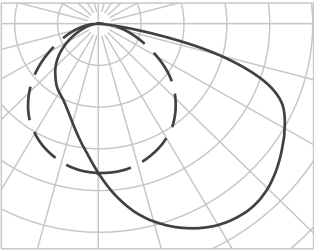
- SDC = Satin clear diffuser (standard)

Finish⁷

- W = White, 15% gloss, RAL 9010 / Tiger Drylac 009/10120 (standard)
- F = Custom finish, specify RAL

Options

- EM = Emergency LED driver (remote)



Polar Plot

Whitegoods reserves the right to change any information without prior notice.

Notes

- Standard setup assumes the cove ends at a perpendicular wall and the LED board is setback from the end to minimize light on the perpendicular wall. Contact us for options.
- See pattern specsheet.
- Wattage shown does not include power supplies/drivers.
- Refer to specsheet for delivered lumen data for all product configurations.
- TW offered up to P3 (10W/ft) power level.
- See power supply page for details.
- See Tiger Drylac color chart: inter-lux.com/tiger.