



Coves Perimeter Features

whitegoods

whitegoods

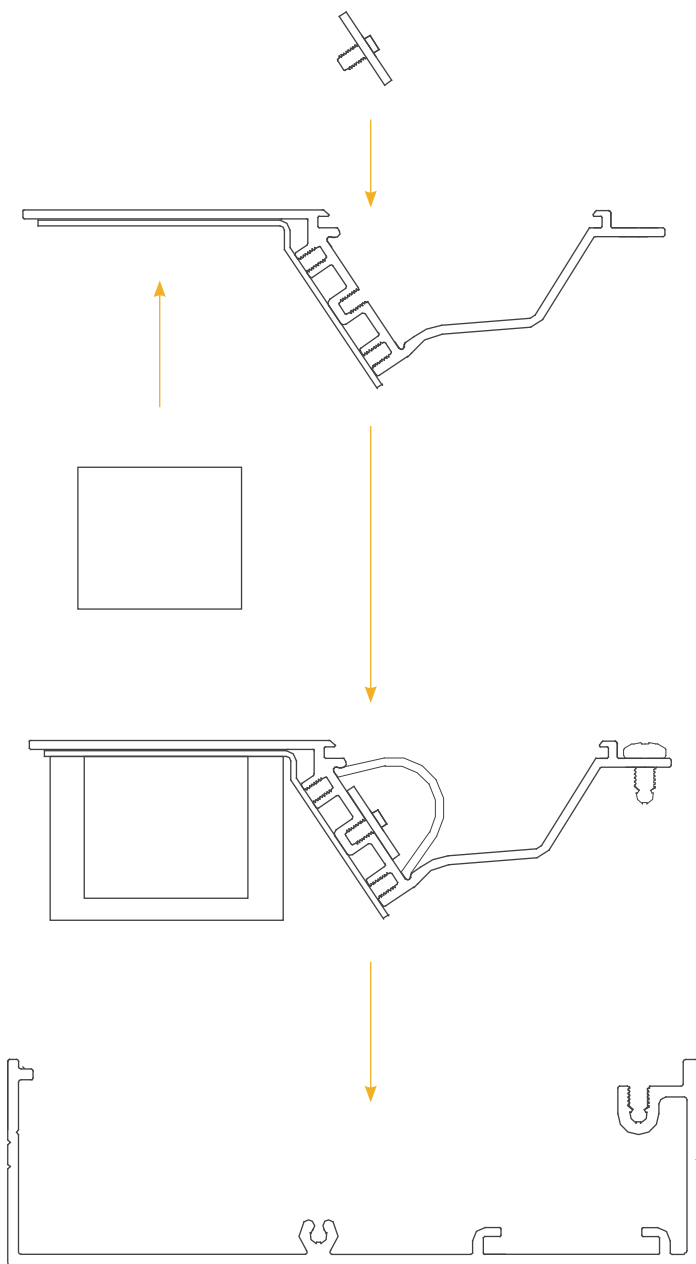
Whitegoods has developed another range of minimal lighting tools, which utilize the form factor of LED to reduce even further their visual impact, and of course they all hold true to our constant principles.

Our Philosophy

- Reduction of detail
- Seamless architectural integration
- Logical, modular systems and families of products
- Ease of specification, installation and maintenance



Flexible design
 Modular manufacturing
 Ease of specification
 Speed of delivery
 Easy Installation
 and maintenance



LED

High performance, quality led technology
 >90 CRI, 3-Step MacAdam, 2700-4000K white
 120 Lumens/watt average (delivered)
 RA 91-94 (2700K - 4000K)
 Conformal coated for protection against humidity standard
 Standardized led is used in all Whitegoods Coves, Perimeters
 and Linears to ensure color and performance uniformity

Reflector

Low angle forward throw reflector with max beam at
 125 degrees
 Back light reflector delivers soft, even illumination above
 and on the back wall of the cove
 Snap-on diffuser and optional dust cover

Driver

Compatible with all dimming systems and POE
 Integral and remote drivers available
 Top quality dimmable drivers for complete
 dimming range

Gear Tray

Unitized assembly of all electronic components simplifies
 manufacturing, installation and maintenance
 Standard and custom illuminated corners are available

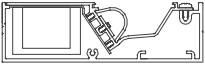
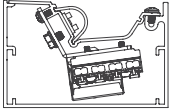
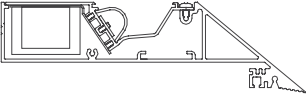
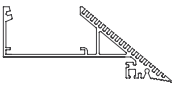
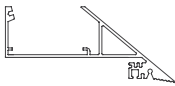
Housing

Housings finished and stocked for quick shipment
 Precision extruded aluminum for true dimensions and
 tolerances
 Housing provided in standard and any custom length
 Standard and non-standard corners factory fabricated
 Made in the USA
 5-year warrantee

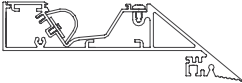

Cove + Perimeter Luminaires

for every application

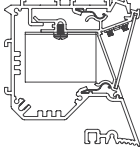
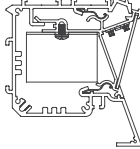
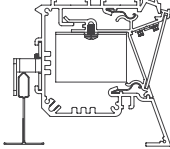
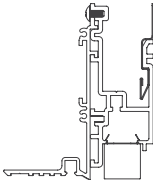
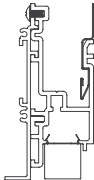
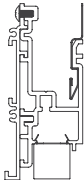
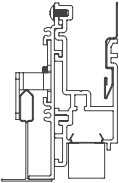
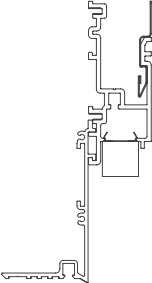
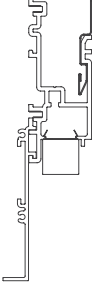
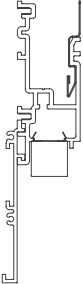
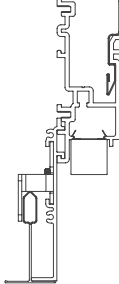
Coves

				
Box Cove Surface Mount	Box Cove 2 Surface/Mullion Mount	Edgeless Cove Plaster Trim	Edgeless P Nose Cove Plaster Trim	Edgeless Nose Cove Plaster Trim

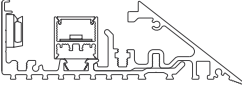
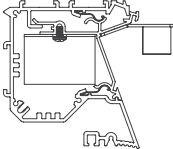
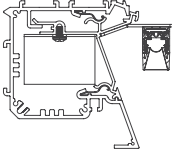
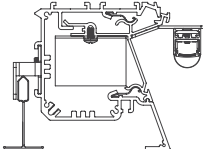
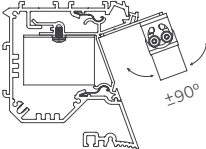
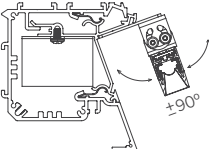
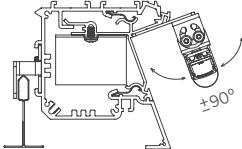
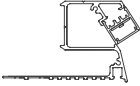
Mini Coves

	
Mini Edgeless Cove Plaster Trim	Mini Box Cove Surface Mount

Perimeter Coves

		
Z Cove Plaster Trim	Z Cove Bezel Trim	Z Cove Grid Trim
		
20 Linear Perimeter Flush Lens Plaster Trim	20 Linear Perimeter Flush Lens Bezel Trim	20 Linear Perimeter Flush Lens Return Trim
		
20 Linear Perimeter Flush Lens Grid Trim	20 Linear Perimeter Regressed Lens Plaster Trim	20 Linear Perimeter Regressed Lens Bezel Trim
		
20 Linear Perimeter Regressed Lens Return Trim	20 Linear Perimeter Regressed Lens Grid Trim	

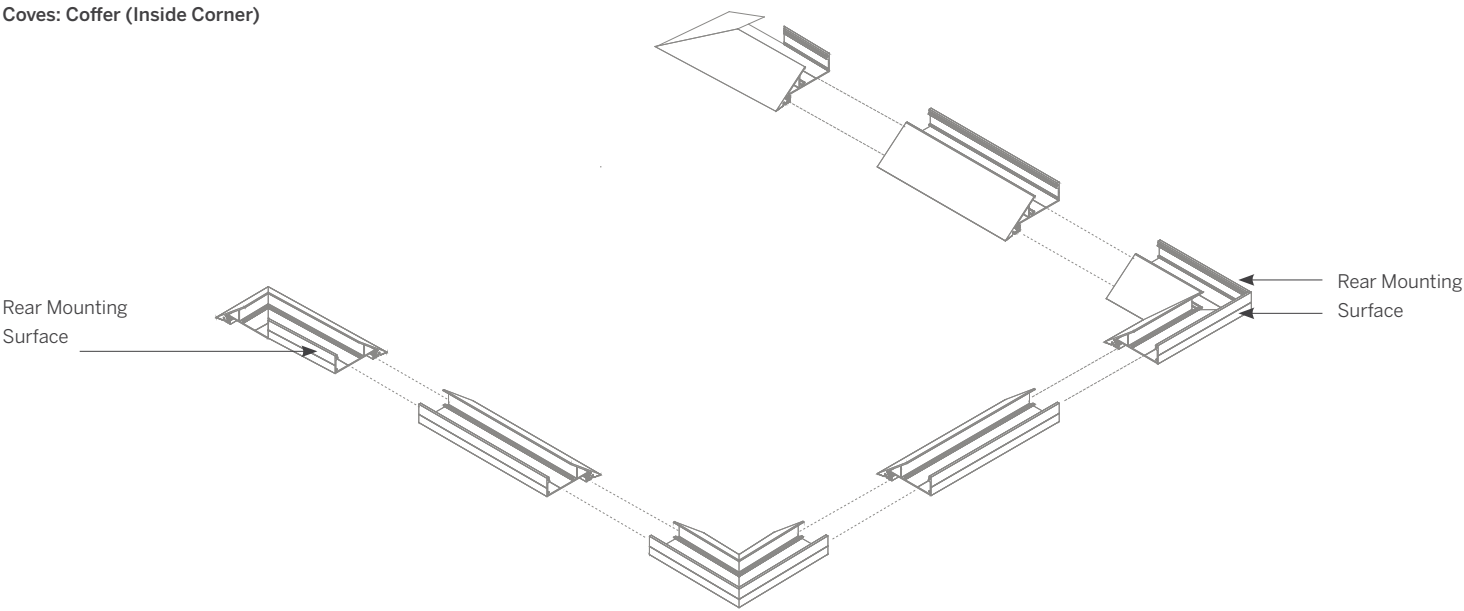
20 Linear Coves

				
20 Mini Edgeless Cove Plaster Trim	20 Z Cove Graze Plaster Trim	20 Z Cove Graze Bezel Trim	20 Z Cove Graze Grid Trim	20 Z Cove Adjustable Graze Plaster Trim
				
20 Z Cove Adjustable Graze Bezel Trim	20 Z Cove Adjustable Graze Grid Trim	20 Mini Z Cove Plaster Trim		

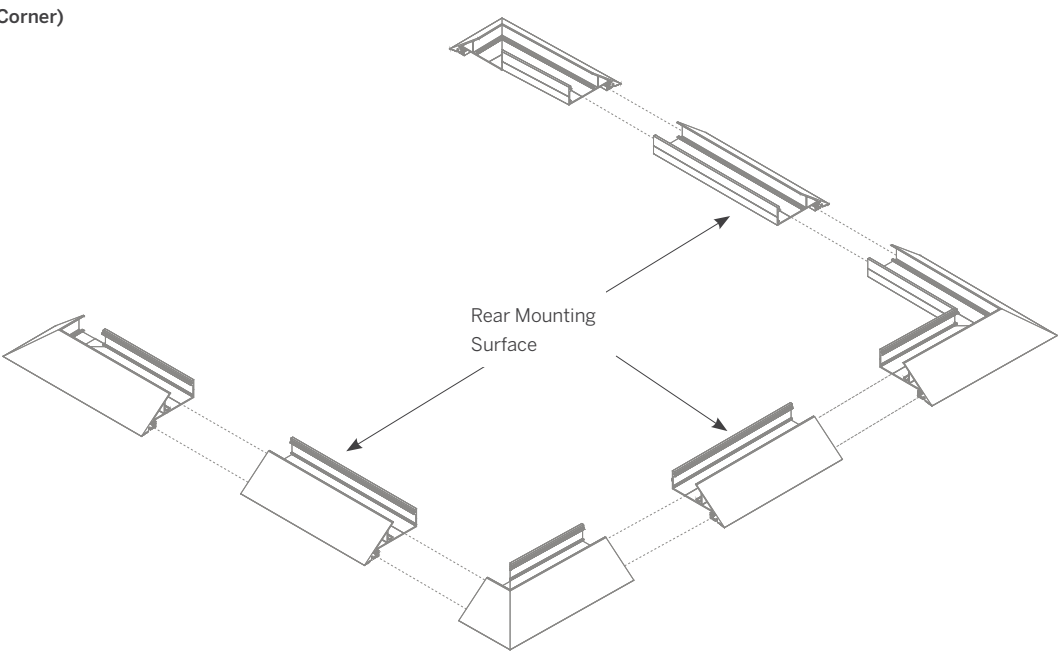
Configuration logic

Whitegoods Cove and Perimeter luminaire systems can be specified to any length and in most any pattern. Our designed configuration software determines the exact dimensions required for each and every section. Corners are prefabricated in our factory to keep things simple in the field.

Coves: Coffer (Inside Corner)



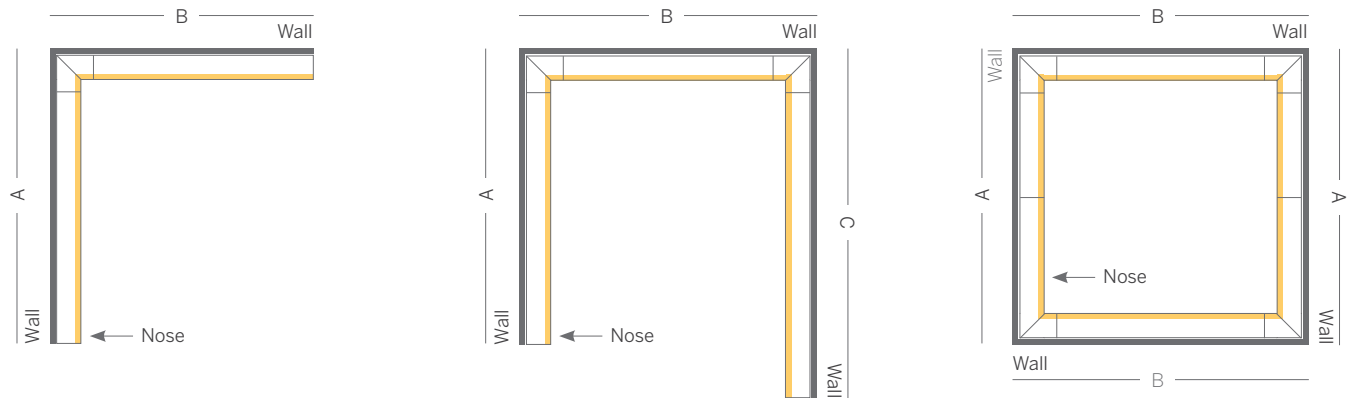
Coves: Raft (Outside Corner)



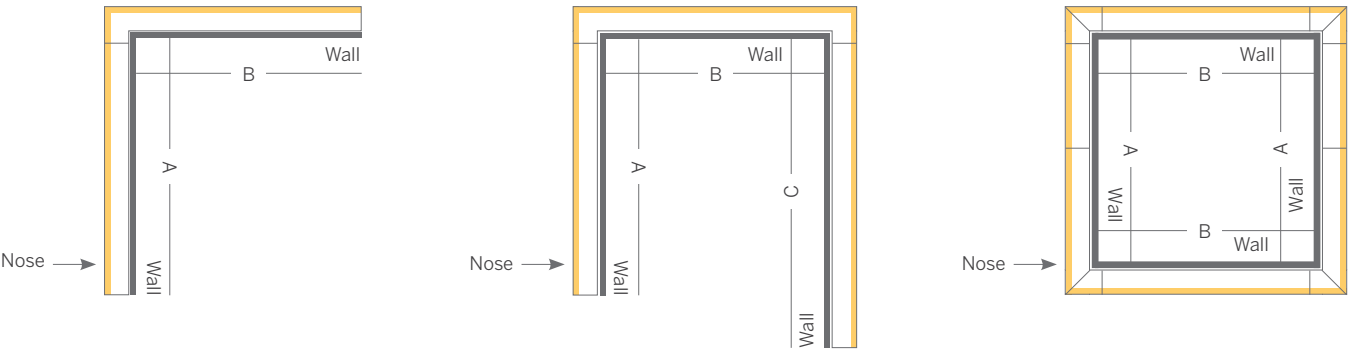
Measurement logic

A, B, C, = Wall Length

Coves: Coffe (Inside Corner)

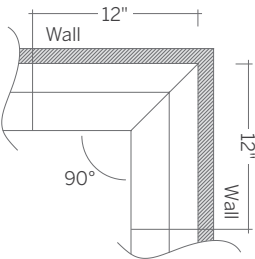


Coves: Raft (Outside Corner)

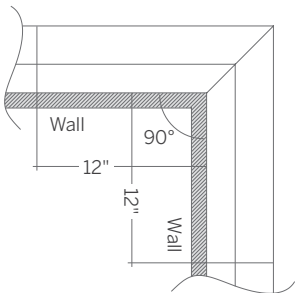


Standard Corners - Plan View

90° Coffe

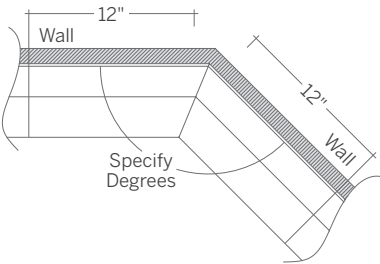


90° Raft

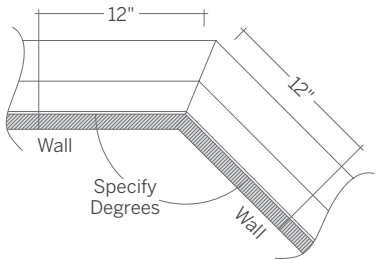


Custom Corners - Plan View

Custom Coffe Angle



Custom Raft Angle



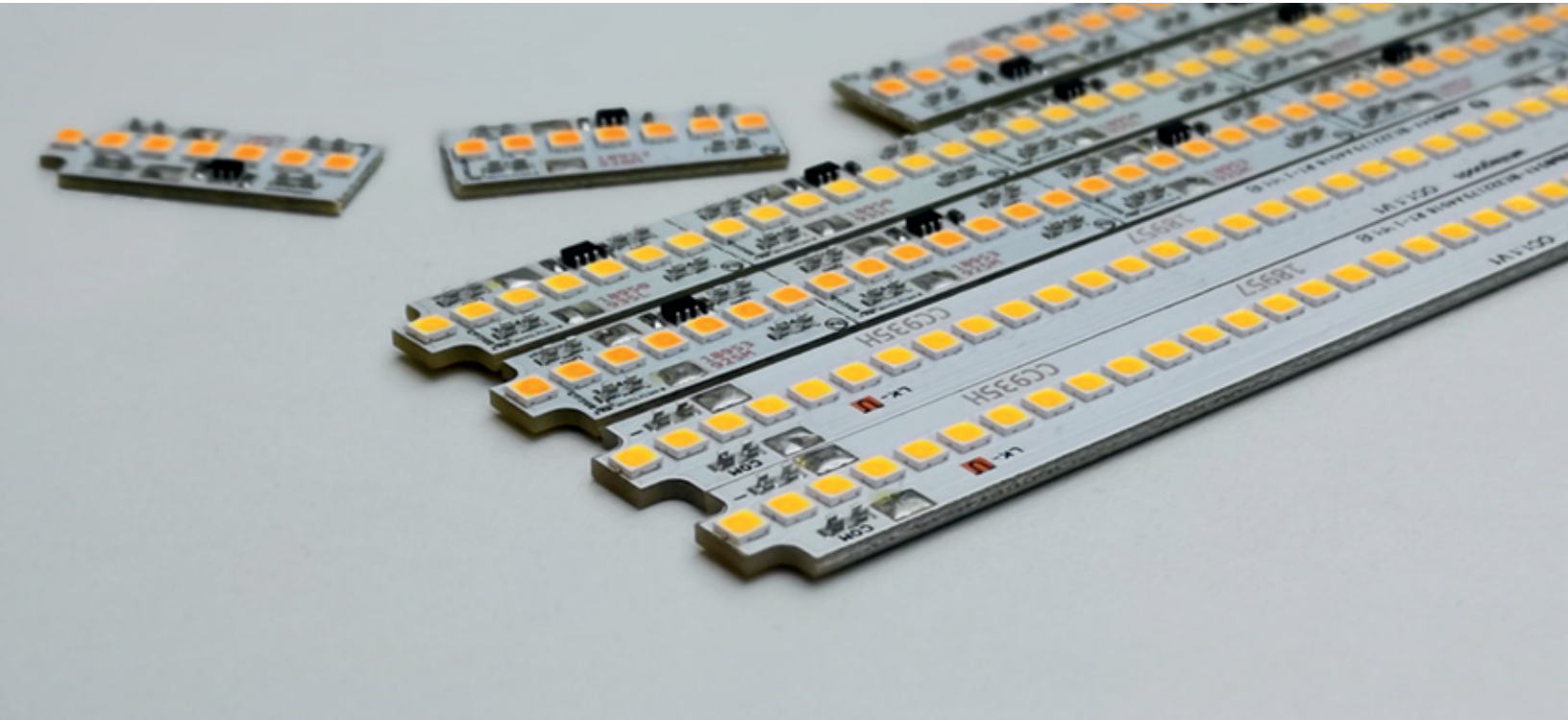
Whitegoods Linear LED Technology

- Whitegoods has designed and developed cutting edge linear LED boards to meet the specific demands of the architectural lighting industry including unique patented features.
 - Field replaceable boards for sustainability.
 - Available continuous length to accommodate exacting installations.
 - Multiple wattages and lumen outputs for maximum flexibility within any application.
- 90 CRI as standard.
 - 3 step MacAdam.
 - Constant Current and Constant Voltage utilizing identical chip technology for consistent results across all products.
 - Four standard color temperatures from 2700K-4000K.
 - Compatible with all common dimmer and control standards such as 0-10V, 3-wire, forward-phase with neutral, ELV, DALI and DMX.
- High efficiency design delivers a range of excellent performance characteristics, with output available exceeding 120 lumens per watt.
 - Used throughout Whitegoods 20 Linear, Linear, Cove and Perimeter products for identical color and performance throughout the range.
 - 5-year warranty.

CV1.2 LED Specifications

Power (w/ft)	CCT (k)	Lum.Flux (lm/ft)*	lm/watt
3	2700	376	125
3	3000	376	125
3	3500	384	128
3	4000	384	128
6	2700	752	125
6	3000	752	125
6	3500	767	128
6	4000	767	128
10	2700	1253	125
10	3000	1253	125
10	3500	1278	128
10	4000	1278	128
13	2700	1629	125
13	3000	1629	125
13	3500	1662	128
13	4000	1662	128

*Nominal lumens



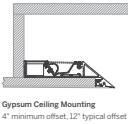
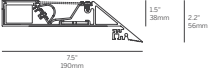
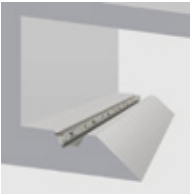
Edgeless Cove									
Model	Fixation	Pattern	Length	Power ³	CRI/ CCT ⁴	Driver ⁵	Lens	Finish	Options
WG-EC	RPT	S ¹ PC ² PR ² PZ ²	A A x B A x B x C A x B x A x B	L M H XH	927 930 935 940	X S D010 L3DAE L3DOE DFPN	SSD (std) SDC	W (std) F	LEC REC LREC LWR RWR

Catalog Page

Edgeless Cove

The original continuous knife edge cove system featuring plaster-in precision for clean, minimal effect

- Delivers a continuous, even wash of directed light to the ceiling above, and redirected light to softly illuminate the back of the cove.
- Light source positioned for optimum horizontal spread of illumination.
- Light source is not visible from any viewing angle up to and including direct horizontal view.
- Satin Diffuser for high efficiency and soft edge beam without striations.
- Removable light source sub assembly for simple installation and maintenance.
- High efficiency linear LED in a range of outputs.
- Integral drivers and through wiring.
- Lengths and angles factory cut to exact field dimensions.
- Mitered corners available with continuous illumination.
- Made in the USA.



Housing

Precision extruded aluminum for true dimensions and tolerances

Housing provided in any exact length

Unitized gear tray with LED and driver for easy final installation

Standard and tailored lengths

Finishes: RAL 9000 white 15% gloss

Optional clear dust cover

Integration

Fixation into gypsum for minimal visual detail and true knife edge

Distribution

Asymmetric forward throw with max. beam at 125 degrees

Redirected light for soft, even illumination of the ceiling and back wall

Snap-on diffuser standard

LED

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

3W - 13W per foot, 120 Lumens/watt average⁶

RA 91-94 (2700K - 4000K)

Conformal coated for protection against humidity standard

Driver

Integral driver

Compatible with quality constant voltage drivers

Connectivity

POE

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

Voltagess

120-277VAC, 347VAC

Model

- WG-EC = Edgeless Cove

Fixation

- RPT = Recessed plaster trim

Pattern

- S = Straight run¹
- PC = Standard patterns offer 2, 3 or 4 sided with 90° corners²
- PR = Standard patterns raft 2, 3 or 4 sided with 90° corners³
- PZ = Non-standard patterns and/or corners other than 90° consult factory

Length

- A, B, C = specify inches to the nearest 0.25" (i.e. 2.25") 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)

Power⁴

- L = 3W/ft low power (24V)
- M = 6W/ft medium power (24V)
- H = 10W/ft high power (24V)
- XH = 13W/ft extra high power (24V)

CRI / CCT⁴

- 90+ CRI minimum (Low/Mid/High/Extra High)
- 927 = 2700K, (276/552/920/1196 lm/ft)
- 930 = 3000K, (276/552/920/1196 lm/ft)
- 935 = 3500K, (282/563/938/1220 lm/ft)
- 940 = 4000K, (282/563/938/1220 lm/ft)

Driver (Integral⁵)

- X = No driver, ordered separately
- S = Standard driver 120-277V
- D010 = Oram, 10%, 0-10V dimming, 120-277V
- L3DAE = Lutron Hi-lume 1% EcoSystem, 120-277V
- L3DOE = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V (remote)
- DFPN = Lutron Forward Phase 1%, 120VAC

Lens

- SSD = Snap On Satin Diffuser (standard)
- SDC = Satin Clear Dust Cover

Finish

- W = White, 15% gloss, RAL9010 (standard)
- F = Custom finish

Options

- LEC = Left end cap
- REC = Right end cap
- LREC = Left & Right end caps
- LWR = Left wall return
- RWR = Right wall return

Emergency Remote Only

- Emergency LED battery backup available, order separately.

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 spec sheet.
- Wattage shown does not include power supplies/drivers.
- Delivered lumens with Snap On Satin diffuser shown.
- Integral driver, except L3DOE (remote only). See power supply page for details.

20 Whitegoods Coves / Perimeters

Website Product Page

Edgeless Cove



Description

- Light source positioned for optimum horizontal spread of illumination.
- Light source is not visible from any viewing angle up to and including direct horizontal view.
- Delivers continuous soft wash of directed light to above surface.
- Satin Diffuser for high efficiency and soft edge beam without striations.
- Removable light source sub assembly for simple installation and maintenance.
- High efficiency linear LED in a range of outputs.
- Integral drivers and through wiring.
- Lengths and angles factory cut to exact field dimensions.
- Mitered corners available with continuous illumination.

DOWNLOADS

Specsheets

- Edgeless Cove Specsheet
- Corner Patterns
- Edgeless Cove PR 2 Sided Submittal
- Edgeless Cove PR 3 Sided Submittal
- Edgeless Cove PR 4 Sided Submittal
- Edgeless Cove PC 2 Sided Submittal
- Edgeless Cove PC 3 Sided Submittal
- Edgeless Cove PC 4 Sided Submittal
- Edgeless Cove Straight Run Submittal
- Cove Video

Application Guides

- Edgeless Cove and Box Cove Application Guide

Installation Instructions

- EC LED Installation Instructions

Downloads

- EC revit
- Power Supplies
- CV2 LED Specsheet
- WG EC IES
- EC 3D Model

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The application of light to the surfaces around us is a critical factor in our perception of any space.

When proper consideration is given to the architecture, function and the desired atmosphere, lighting can become a truly integrated part of the overall environment being created, often unseen although defining and enhancing the space.