

Coves Perimeter



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







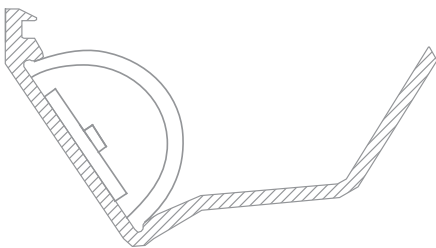
The original edgeless cove

Standardized
high performance
optics across all
cove systems

Whitegoods pioneered the use of knife edge cove profiles with fully integrated lighting solutions for continuous runs of light without gaps or shadows. The Whitegoods Edgeless Cove is the original, and still the best of its kind, despite many imitators.

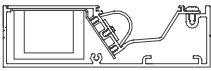
Whitegoods offers the widest range of cove products to suit any application. Coves can be tailored to the specific lengths and are supplied with factory made standard corners, or custom corners.

All Whitegoods products are designed with simple installation and maintenance in mind. Specification is simple too, and we have a fast and accurate system for supplying submittal drawings and documentation.

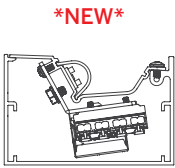


Range Logic

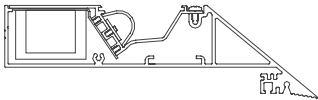
Coves



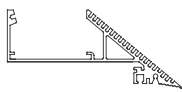
Box Cove
Surface Mount



Box Cove 2
Surface/Mullion Mount

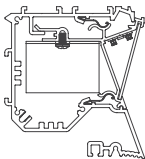


Edgeless Cove
Plaster Trim

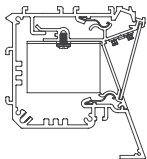


Edgeless P Nose Cove
Plaster Trim

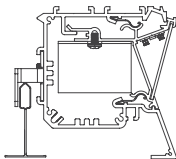
Perimeter Coves



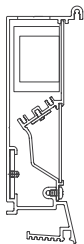
Z Cove
Plaster Trim



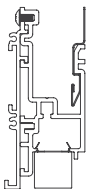
Z Cove
Bezel Trim



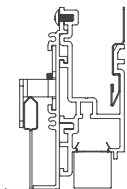
Z Cove
Grid Trim



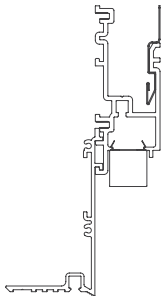
V Cove
Plaster Trim



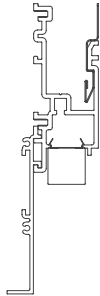
20 Linear Perimeter Flush Lens
Return Trim



20 Linear Perimeter Flush Lens
Grid Trim

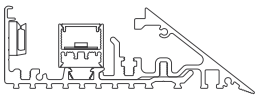


20 Linear Perimeter Regressed Lens
Plaster Trim

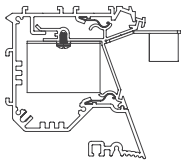


20 Linear Perimeter Regressed Lens
Bezel Trim

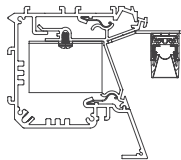
20 Linear Coves



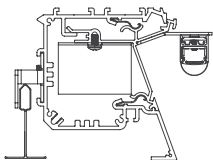
20 Mini Edgeless Cove
Plaster Trim



20 Z Cove Graze
Plaster Trim

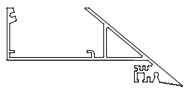


20 Z Cove Graze
Bezel Trim

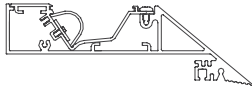


20 Z Cove Graze
Grid Trim

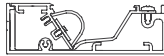
Mini Coves



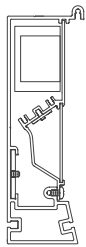
Edgeless Nose Cove
Plaster Trim



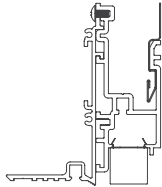
Mini Edgeless Cove
Plaster Trim



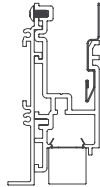
Mini Box Cove
Surface Mount



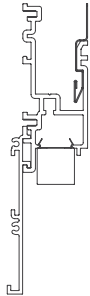
V Cove
Bezel Trim



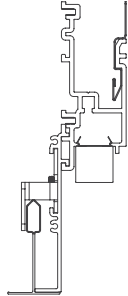
20 Linear Perimeter Flush Lens
Plaster Trim



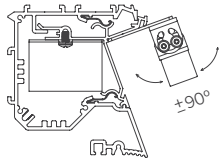
20 Linear Perimeter Flush Lens
Bezel Trim



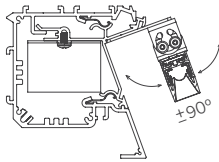
20 Linear Perimeter Regressed Lens
Return Trim



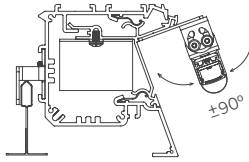
20 Linear Perimeter Regressed Lens
Grid Trim



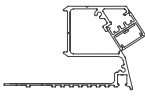
20 Z Cove Adjustable Graze
Plaster Trim



20 Z Cove Adjustable Graze
Bezel Trim



20 Z Cove Adjustable Graze
Grid Trim

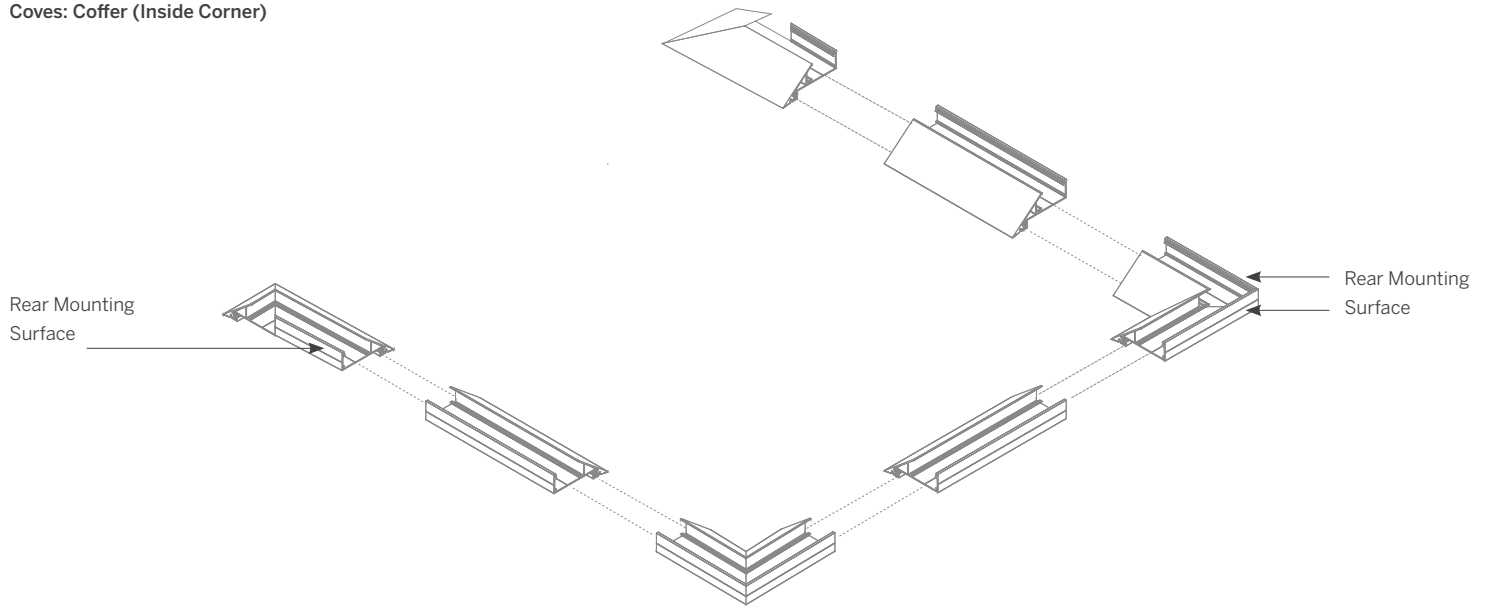


20 Mini Z Cove
Plaster Trim

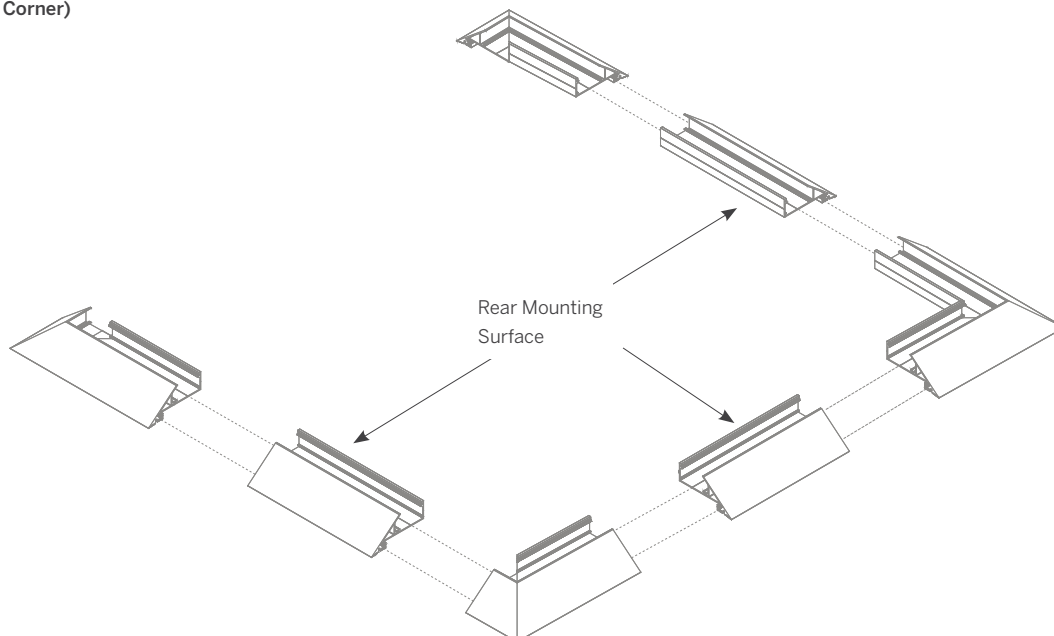
Configuration Logic

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: Coffin (Inside Corner)



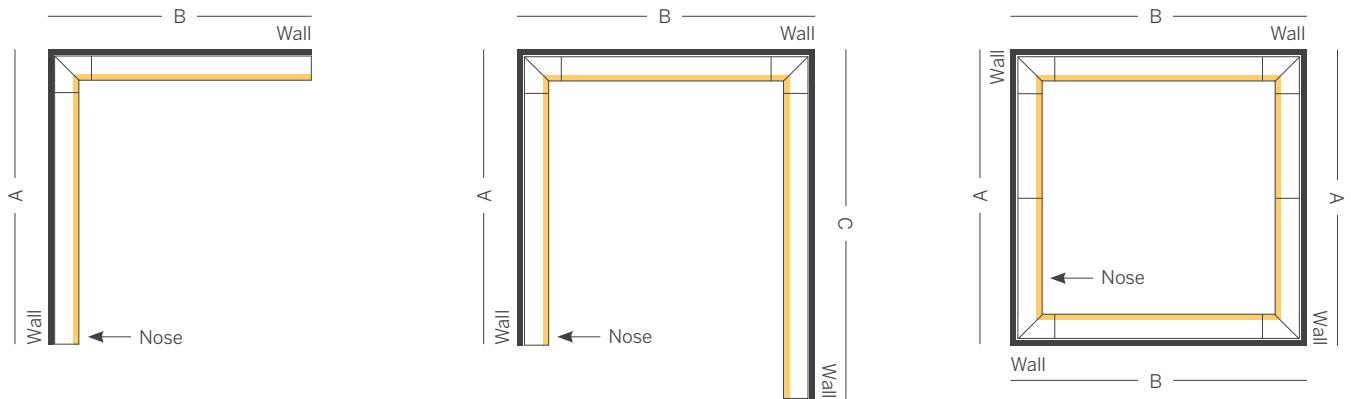
Coves: Raft (Outside Corner)



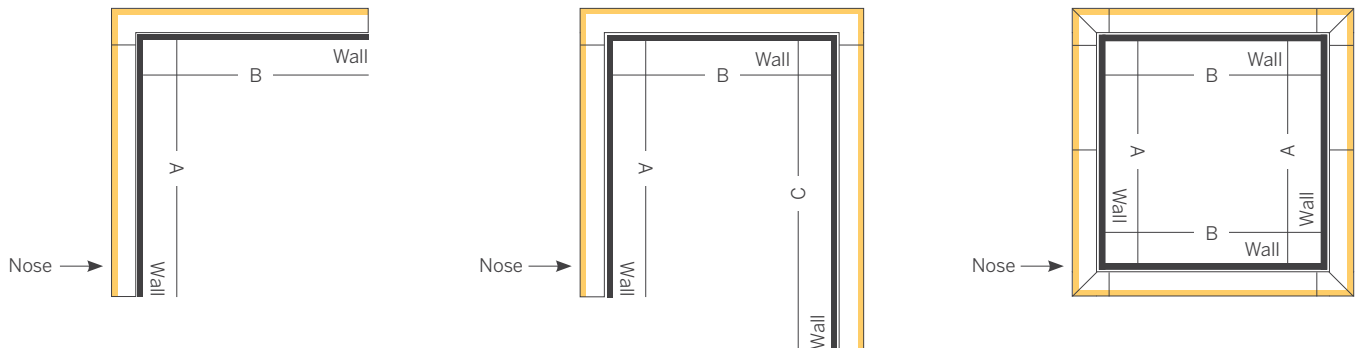
Cove Measurements Logic:

A, B, C, = Wall Length

Coves: Coffe (Inside Corner)

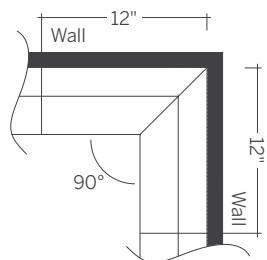


Coves: Raft (Outside Corner)

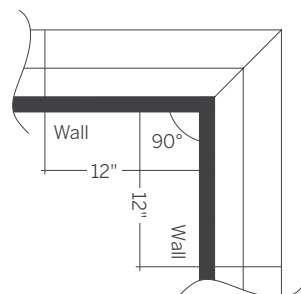


Standard Corners - Plan View

90° Coffe

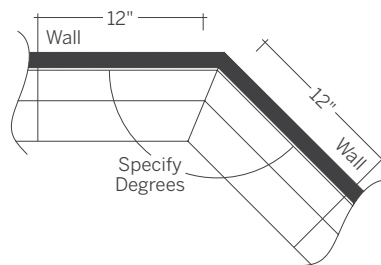


90° Raft

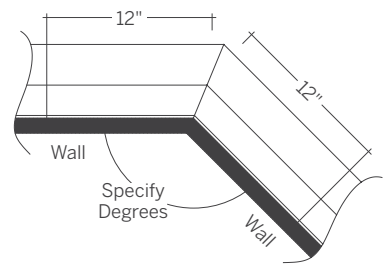


Custom Corners - Plan View

Custom Coffe Angle

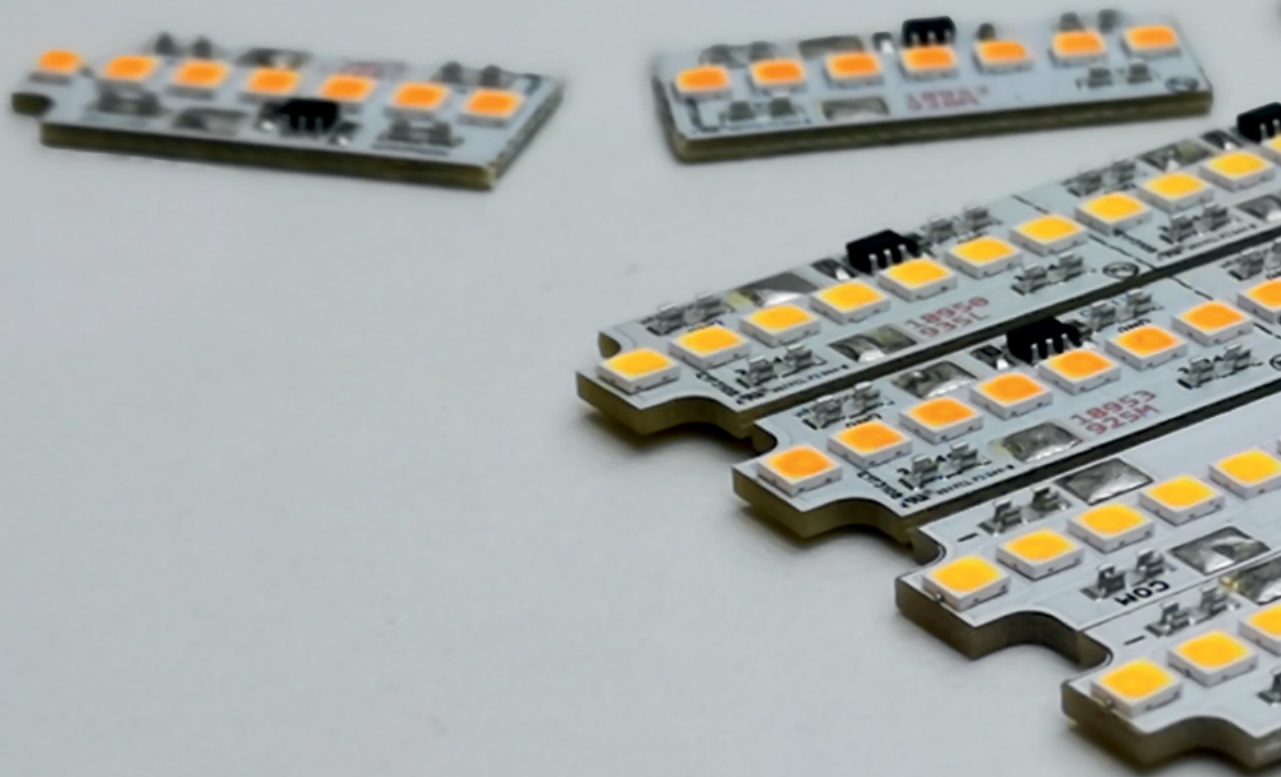


Custom Raft Angle



Whitegoods Linear LED Technology

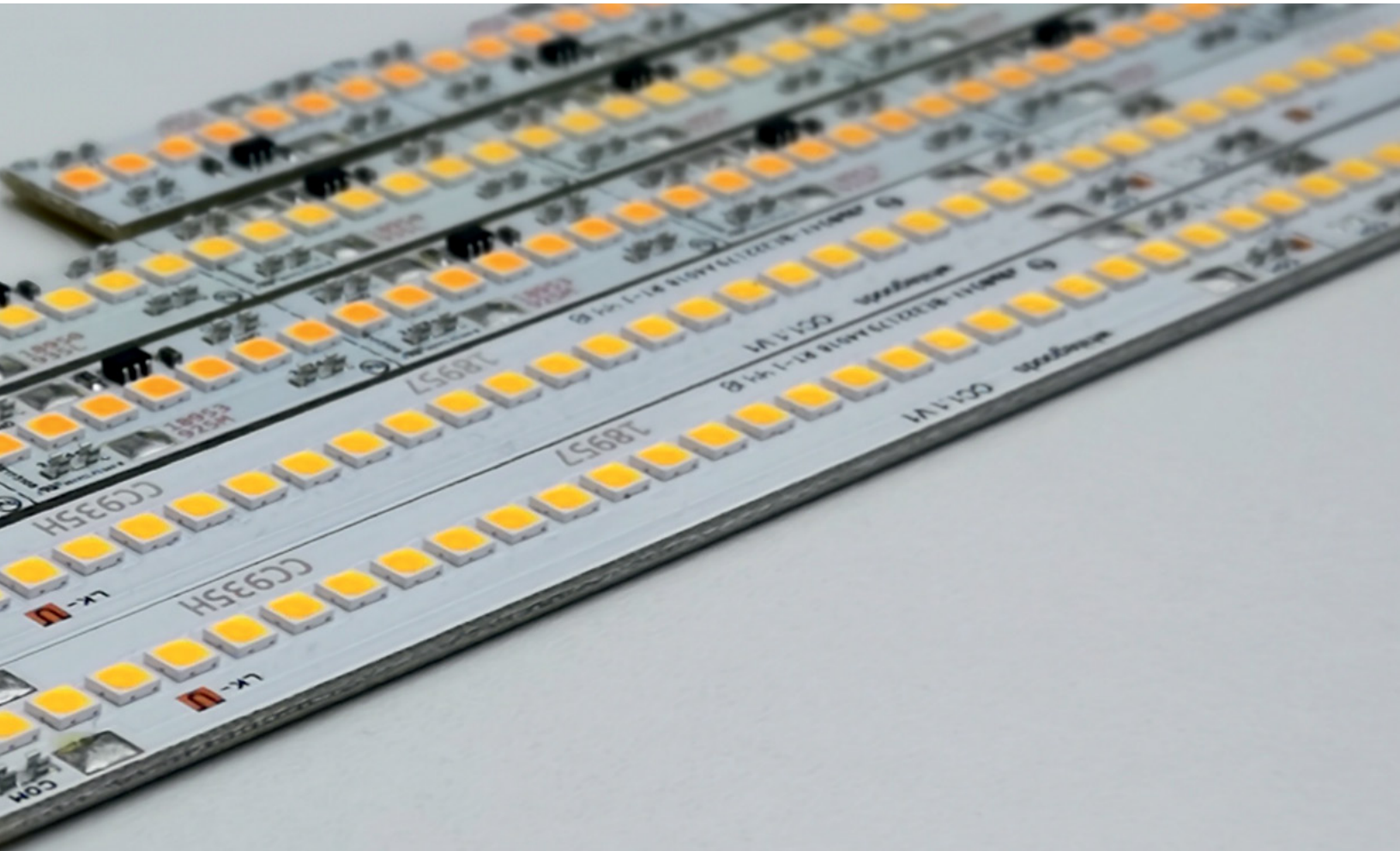
- Whitegoods has designed and developed cutting edge linear LED boards to meet the specific demands of the architectural lighting industry including unique patented features.
- Field replaceable boards for sustainability.
- Available continuous length to accommodate exacting installations.
- Multiple 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

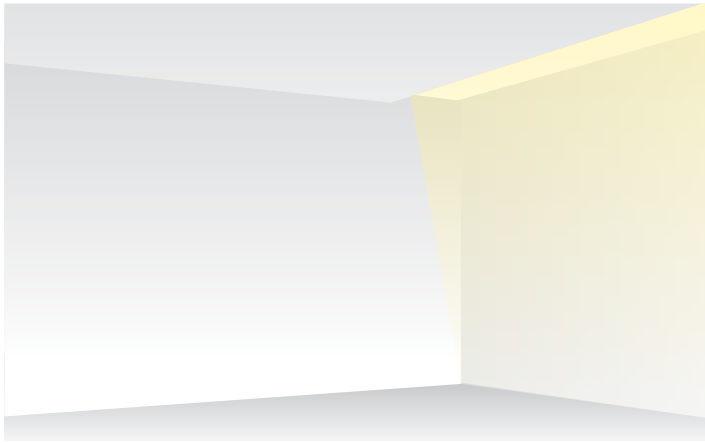
Power (w/ft)	CCT (k)	Lum.Flux (lm/ft)*	lm/watt
3	2700	376	125
3	3000	376	125
3	3500	384	128
3	4000	384	128
6	2700	752	125
6	3000	752	125
6	3500	767	128
6	4000	767	128
10	2700	1253	125
10	3000	1253	125
10	3500	1278	128
10	4000	1278	128
13	2700	1629	125
13	3000	1629	125
13	3500	1662	128
13	4000	1662	128

*Nominal lumens



Applications

Washlight

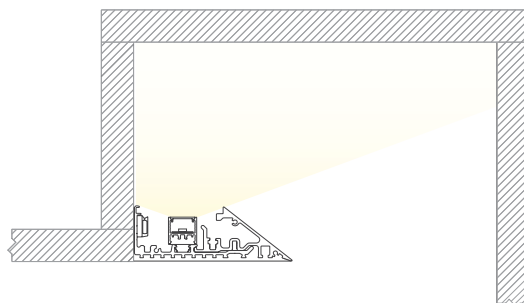


The aim of wall washing, or in fact washing any surface with light (wall, ceiling or floor), is to create an even 'wash' of light across the surface. The wall wash is a great way to introduce light into a room as the brightness of the vertical surfaces around us play a crucial role in our perception of a space.

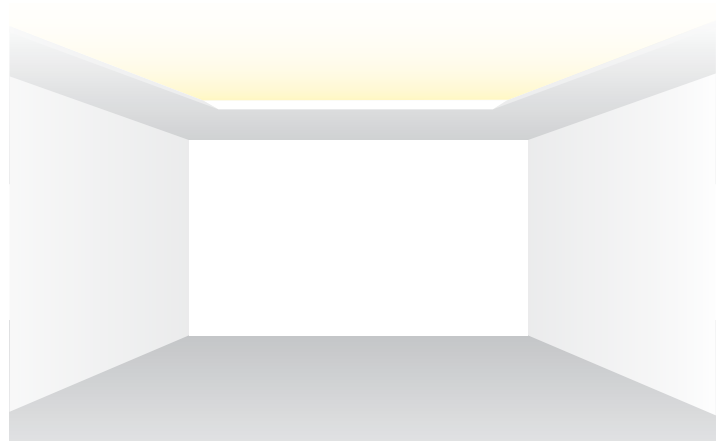
Use Whitegoods indirect Cove products in a built-out ceiling cove to illuminate the ceiling and bounce light to the wall - evenly washing the wall and illuminating the space in front of the wall. The Cove hides the source of light and makes the entire wall the feature by evenly illuminating it from above the ceiling plane to the floor.

Products

Edgeless Cove
Mini Edgeless Cove
20 Mini Edgeless Cove
Edgeless P Nose Cove



Coffer



When soft diffuse light comes from above, a natural feel is imparted to a space. It is understandable when you consider that the vast majority of natural light that we experience comes to us from above.

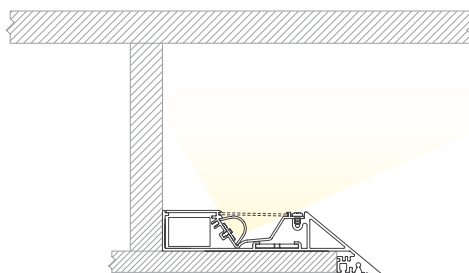
Creating a coffer within the ceiling provides an opportunity to deliver light in this way. Although the technique does require some ceiling depth, it is no more than is typically required for recessed downlights. For example, 4" - 6" between the top of the luminaire and the ceiling is all you need to deliver light to the ceiling and indirect illumination to the space below. Of course, a greater distance such as 8"-12" will deliver the most even illumination to the ceiling.

By integrating the luminaire into the ceiling and hiding the source of light, the occupant of the space realizes a very soothing and glare-free environment. This technique suits hospitality, lobby, conference room, residential and large area settings especially well.

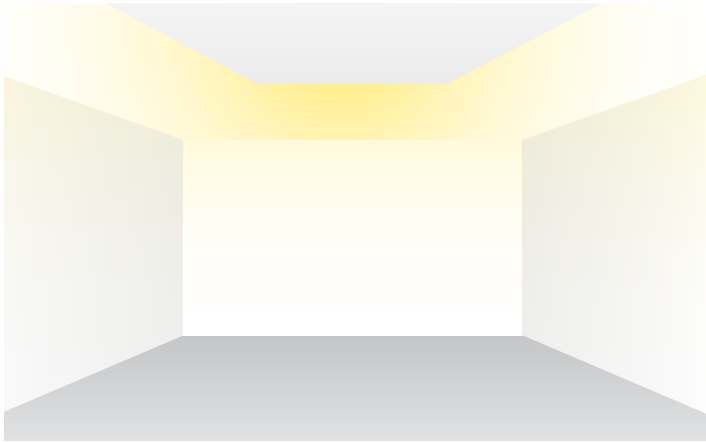
Note that Whitegoods coves are designed to throw low angle light forward into the space, as well as soft illumination above and bounce light behind to evenly illuminate the cove as well.

Products

Edgeless Cove
Mini Edgeless Cove
20 Mini Edgeless Cove
Edgeless P Nose Cove



Raft (Outside Corners)



By designing a raft (ceiling cloud) in the middle of a space, the low angle light from a Whitegoods cove product can be used to illuminate the ceiling and redirect wall on adjacent vertical surfaces. A classic way to accentuate the ceiling plane can also illuminate the entire space without glare.

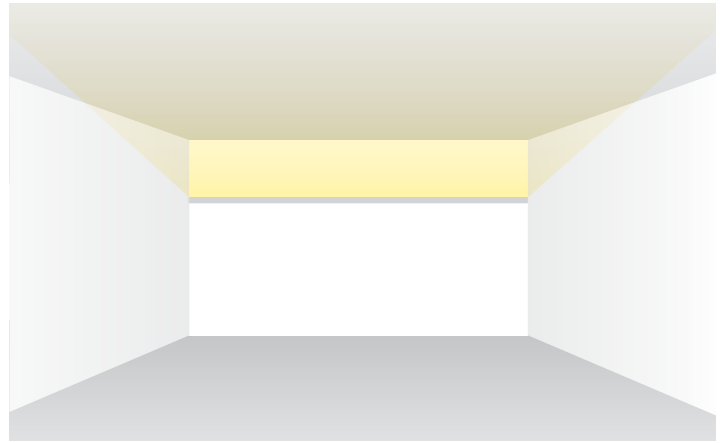
This technique does require some ceiling depth, but is no more than typically required for recessed downlights. For example, 4" - 6" between the top of the luminaire and the ceiling is all you need to deliver light to the ceiling and indirect illumination to the space below. Of course, a greater distance such as 8"-12" will deliver the most even illumination to the ceiling.

By integrating the luminaire into the ceiling and hiding the source of light, the occupant of the space realizes a very soothing and glare-free environment. This technique suits hospitality, lobby, conference room, residential and large area settings especially well.

Products

Edgeless Cove
Mini Edgeless Cove
20 Mini Edgeless Cove
Edgeless P Nose Cove

Surface Wallmount



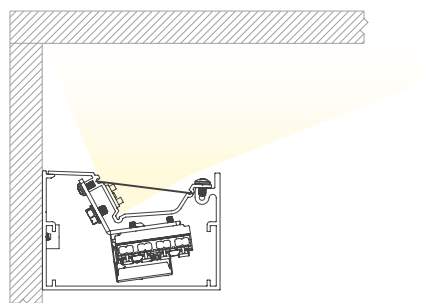
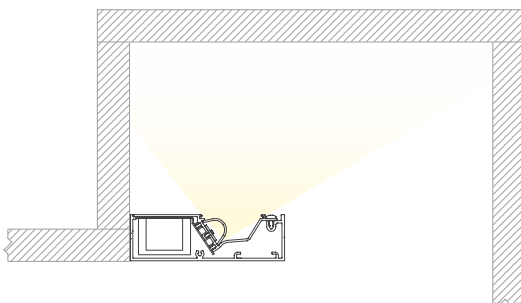
A discrete wall mounted uplight uses the ceiling plane to reflect light evenly into the room, as well as brings volume to the space. When the luminaire is completely indirect, hiding the source of light, and runs wall-to-wall, it creates a dramatic effect delineating the elevation.

Whitegoods uplights through low angle light far into the room, and a soft fill light above and to the back wall. Special end mounting hardware can be specified for clearspan applications. And the BC2 can be mounted directly to a window mullion for a very integrated, minimal appearance in the space.

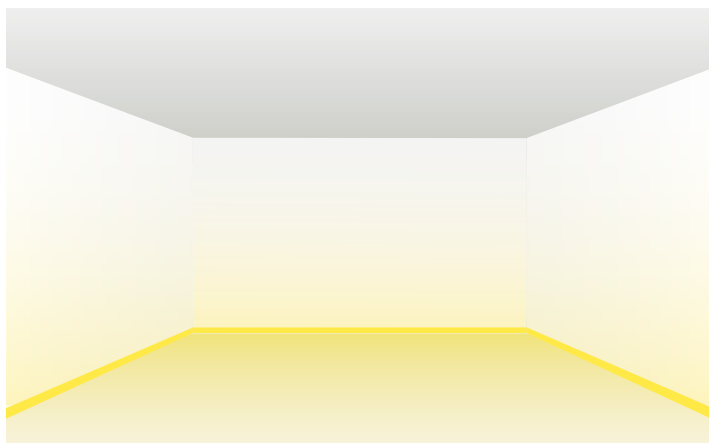
If you desire a completely glare-free environment that brings volume to the space and mounts to any surface, the Whitegoods wall mounted products are your best bet.

Products

Box Cove
Mini Box Cove
Box Cove 2
Edgeless Nose Cove



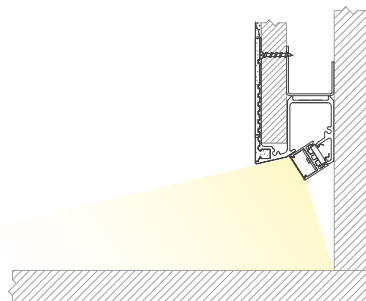
Concealed Linear Downlight (Floor Wash)



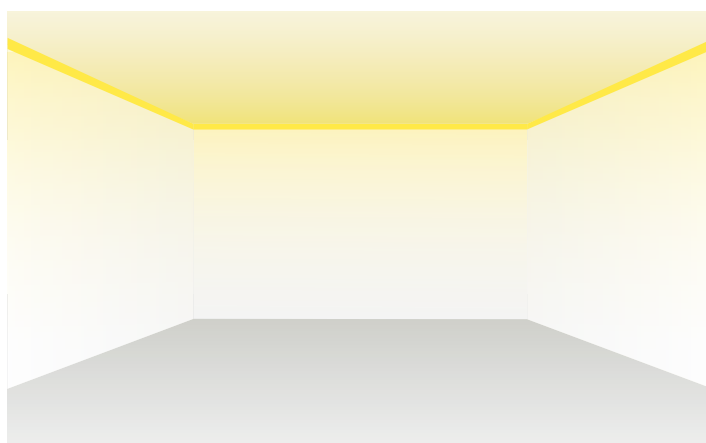
Some spaces do not call for high levels of illumination. Perhaps in a gallery or museum, or perhaps a hotel corridor, for example, where the boundaries of a space can be defined by enough light, allowing users to safely navigate their way. Or simply to create a specific atmosphere or mood in a space.

Whatever the reason, by stopping the wall short of the floor surface and creating a set back skirting detail, space can be made for linear light sources to be integrated. Recessing the foot of the wall by 2" - 6" creates a gap where light can flow down out of the bottom of the wall and across the floor.

Products
20 Mini Z Cove



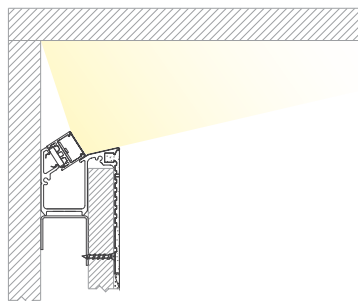
Concealed Linear Uplight (Ceiling Wash)



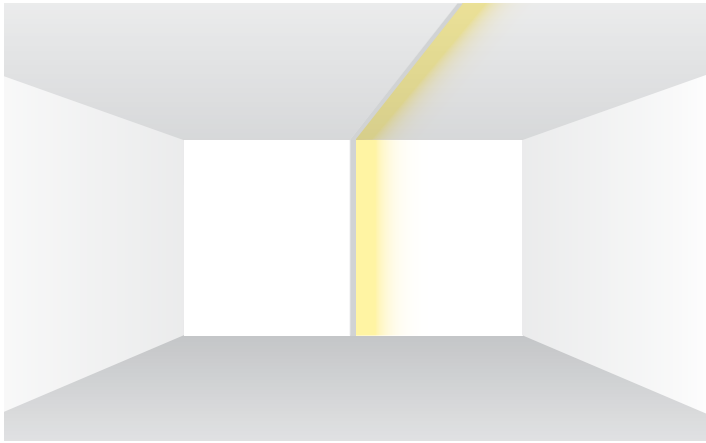
Another simple and highly effective way to deliver natural feeling even light into a space is via a concealed linear light source, detailed into the top edge of a wall surface, just before it meets the ceiling. By virtue of its position, the light source is naturally concealed.

Products
20 Mini Z Cove

The detail is relatively simple to achieve by stopping the wall surface just short of the ceiling (say 6" - 12") and creating a small pocket there at the top of the wall, which can be used to incorporate a luminaire. Some luminaires are very small, less than an inch wide, so the pocket detail does not need to be large.



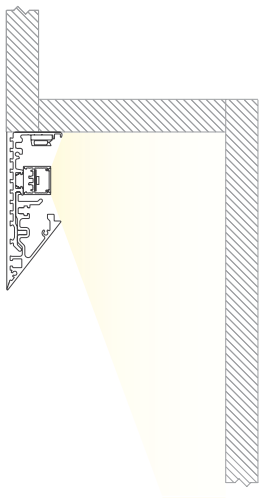
Configurations



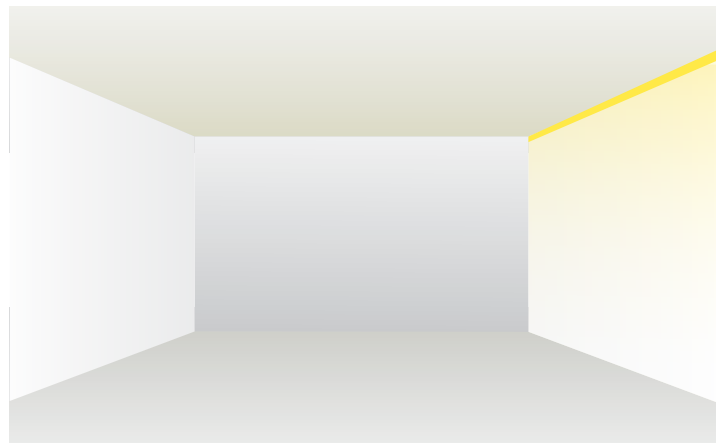
Modular product design, coupled with application engineering support from the Whitegoods team allow your creativity to become reality. If complicated configurations are required to deliver glare-free light into the space and simultaneously create exciting interiors, then a cove configuration may be the solution.

The housing in all Whitegoods products (see Linears, Protoools Downlights) are designed to integrate into the architecture seamlessly, and to accept the gear tray, which holds the electronic power and light source. Providing a product in this manner leaves plenty of room for your imagination. Angles across the wall or ceiling, single or multiple plane configurations, corners of nearly any angle including from wall-to-ceiling or wall-to-wall are possible.

And the light is always hidden from normal view to contribute evenly distributed, glare-free illumination into the space.



Perimeter



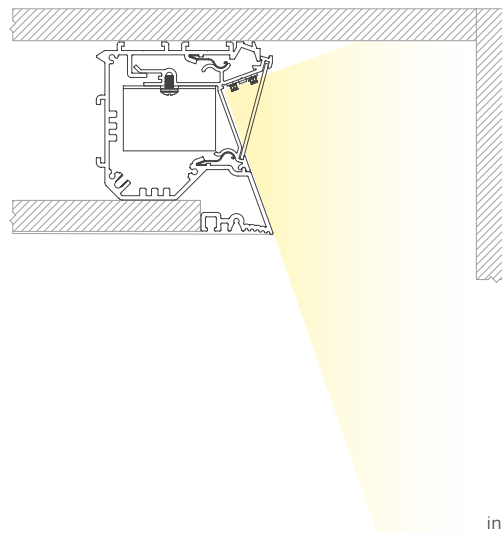
A perimeter lighting system is a significant design element in the space as it creates a focal point for interest or way-finding, and it contributes general illumination to a space.

The light source in a typical perimeter system will originate from above the finished ceiling plane to illuminate the wall from the very top with an even level of illumination, gradually fading as it reaches the floor. Light reflected from the wall will illuminate the space in front of the wall, and often be the only source of light required in spaces such as hallways.

A well designed perimeter lighting system will integrate cleanly into any ceiling type and place the light source in a location where it does not cause a glare nuisance or detract from the visual experience. See Whitegoods various Perimeter systems for a product that meets these requirements, and uses matching led with all other Whitegoods linear products.

Products

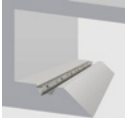
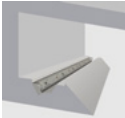







Z Cove
20 Mini Z cove
V Cove
20 Linear Perimeter



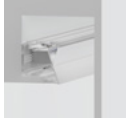



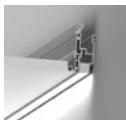
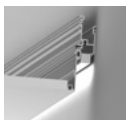




Coves

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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
Corners: standard and non-standard
Finishes: RAL 9010 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 average⁴
RA 91-94 (2700K - 4000K)
Conformal coated for protection against humidity standard

Driver Integral driver
Compatible with quality constant voltage drivers

Connectivity POE

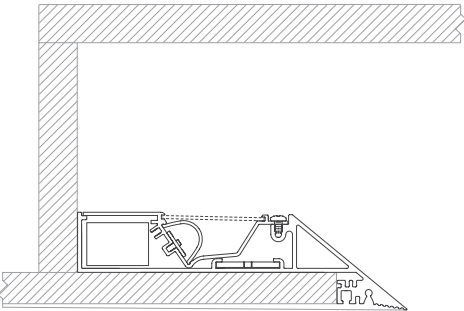
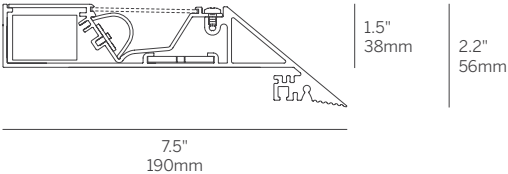
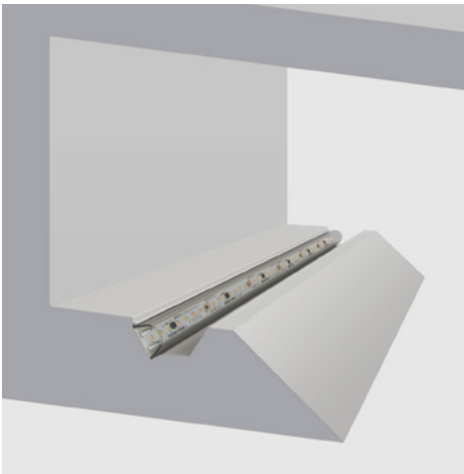
Weight 3lbs per foot

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

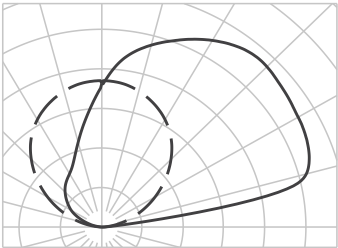
Warranty 5-year Limited (see complete company warranty information)

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

Voltages 120-277VAC, 347VAC



Gypsum Ceiling Mounting
4" minimum offset, 12" typical offset



Polar Plot

Efficiency		Power (W/FT)			
73.4%		L 3W	M 6W	H 10W	XH 13W
CCT	2700K	276	552	920	1196
	3000K	276	552	920	1196
	3500K	282	563	938	1220
	4000K	282	563	938	1220

Lumens per foot (delivered)

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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 L3D0E DFPN	SSD (std) SDC	W (std) F	LEC REC LREC LWR RWR

Model

- WG-EC = Edgeless Cove

Fixation

- RPT = Recessed plaster trim

Pattern

- S = Straight run¹
- PC = Standard patterns coffer 2, 3 or 4 sided with 90° corners²
- PR = Standard patterns raft 2, 3 or 4 sided with 90° corners²
- 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

- 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 (integral)⁵

- X = No driver, ordered separately
- S = Standard driver 120-277V
- D010 = Osram, 10%, 0-10V dimming, 120-277V
- L3DAE = Lutron Hi-lume 1% EcoSystem, 120-277V
- L3D0E = 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, specify RAL

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

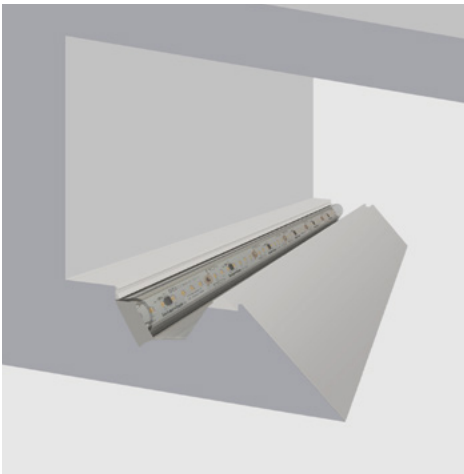
- 1 Standard setup assumes the cove ends at a perpendicular wall and the LED board is setback from the end to minimize light on the perpendicular wall. Contact us for options.
- 2 See pattern specs sheet.
- 3 Wattage shown does not include power supplies/drivers.
- 4 Delivered lumens with snap on satin diffuser shown.
- 5 Integral driver, except L3D0E (remote only). See power supply page for details.



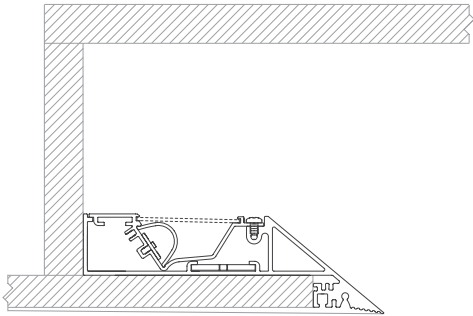
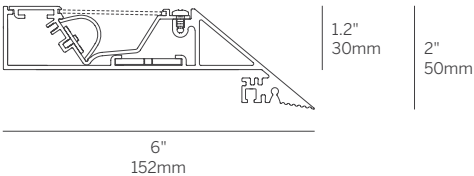
Mini Edgeless Cove

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

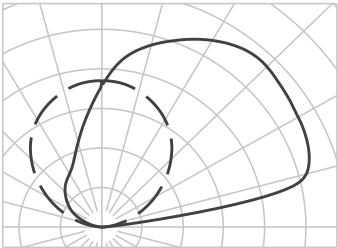
- Delivers a continuous, even wash of directed light to the ceiling above, and redirected light to softly illuminate the back of the cove.
- Light source positioned for optimum horizontal spread of illumination.
- Light source is not visible from any viewing angle up to and including direct horizontal 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.
- Mini size requires remote driver.
- 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
	Lay-in gear tray for easy final assembly
	Standard and tailored continuous lengths
	Corners: standard and non-standard
	Alignment hardware for invisible seam from below
	Finish: Painted RAL 9010 15% gloss
Integration	Plaster into 1/2" or 5/8" gypsum for complete integration
Distribution	Low angle forward throw reflector with max beam at 125 degrees
	Back light reflector delivers soft, even illumination to the cove
	Snap-on diffuser and optional dust cover
LED	>90 CRI, 3-Step MacAdam, 2700-4000K white
	3W - 13W per foot, 120 Lumens/watt average ⁴
	RA 91-94 (2700K - 4000K)
	Conformal coated for protection against humidity
Driver	Remote driver
	Compatibe with quality constant voltage drivers
Connectivity	POE
Weight	2lbs 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, 347VAC



Gypsum Ceiling Mounting
4" minimum offset, 12" typical offset



Polar Plot

Efficiency		Power (W/FT)			
73.4%		L 3W	M 6W	H 10W	XH 13W
CCT	2700K	276	552	920	1196
	3000K	276	552	920	1196
	3500K	282	563	938	1220
	4000K	282	563	938	1220

Lumens per foot (delivered)

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Mini Edgeless Cove

Model	Fixation	Pattern	Length	Power ³	CRI/CCT ⁴	Driver ⁵	Lens	Finish	Options
WG-MEC	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 L3D0E DFPN	SSD (std) SDC	W (std) F	LEC REC LREC LWR RWR

Model

- WG-MEC = Mini Edgeless Cove

Fixation

- RPT = Recessed plaster trim

Pattern

- S = Straight run¹
- PC = Standard patterns coffer 2, 3 or 4 sided with 90° corners²
- PR = Standard patterns raft 2, 3 or 4 sided with 90° corners²
- 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

- 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 (remote)⁵

- X = No driver, ordered separately
- S = Standard driver 120-277V
- D010 = Osram, 10%, 0-10V dimming, 120-277V
- L3DAE = Lutron Hi-lume 1% EcoSystem, 120-277V
- L3D0E = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- 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, specify RAL

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

- 1 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.
- 2 See pattern specs sheet.
- 3 Wattage shown does not include power supplies/drivers.
- 4 Delivered lumens with snap on satin diffuser shown.
- 5 Remote drivers required. See power supply page for details.



Box Cove

Classic square-fronted continuous linear cove system for clean, minimal effect with optimized distribution for maximum throw of light

- 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.
- 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
Corners: standard and non-standard
Finishes: RAL 9010 white 15% gloss
Optional clear dust cover

Integration Fixation to any vertical surface or horizontal surface

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 average*
RA 91-94 (2700K - 4000K)
Conformal coated for protection against humidity standard

Driver Integral driver
Compatible with quality constant voltage drivers

Connectivity POE

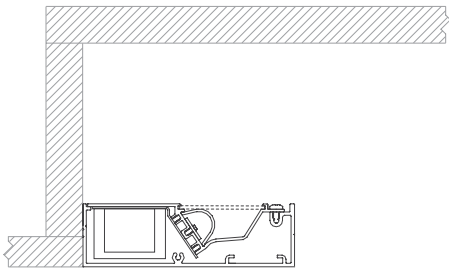
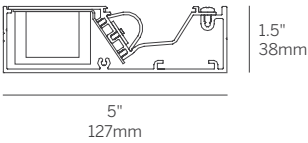
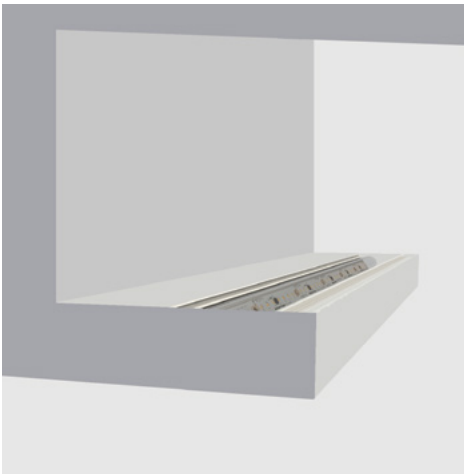
Weight 3lbs per foot

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

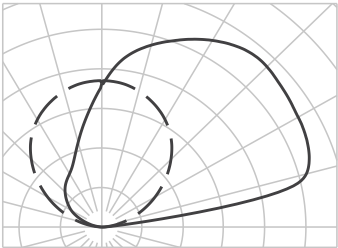
Warranty 5-year Limited (see complete company warranty information)

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

Voltages 120-277VAC, 347VAC



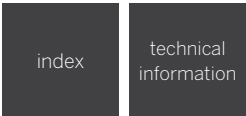
Architectural Cove
4" minimum offset, 12" typical offset



Polar Plot

Efficiency		Power (W/FT)			
73.4%		L 3W	M 6W	H 10W	XH 13W
CCT	2700K	276	552	920	1196
	3000K	276	552	920	1196
	3500K	282	563	938	1220
	4000K	282	563	938	1220

Lumens per foot (delivered)



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Box Cove

Model	Fixation	Pattern	Length	Power ³	CRI/CCT ⁴	Driver ⁵	Lens	Finish	Options
WG-BC	SM	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 L3D0E DFPN	SSD (std) SDC	W (std) F	LEC REC LREC

Model

- WG-BC = Box Cove

Fixation

- SM = Surface mount

Pattern

- S = Straight run¹
- PC = Standard patterns coffer 2, 3 or 4 sided with 90° corners²
- PR = Standard patterns raft 2, 3 or 4 sided with 90° corners²
- 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

- 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 (integral)⁵

- X = No driver, ordered separately
- S = Standard driver 120-277V
- D010 = Osram, 10%, 0-10V dimming, 120-277V
- L3DAE = Lutron Hi-lume 1% EcoSystem, 120-277V
- L3D0E = 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, specify RAL

Options

- LEC = Left end cap
- REC = Right end cap
- LREC = Left & Right end caps

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 specs sheet.
- Wattage shown does not include power supplies/drivers.
- Delivered lumens with snap on satin diffuser shown.
- Integral driver, except L3D0E (remote only). See power supply page for details.



Box Cove 2

Classic square-fronted continuous linear Interior Wall and Mullion Mount for clean, minimal effect with optimized distribution for maximum throw of light

- Absolute minimal sized wall-mounted indirect luminaire with high-performance optics and integral driver.
 - Reflector positioned for optimum horizontal spread of light.
 - Light source is not visible from any viewing angle up to and including direct horizontal view.
 - Delivers continuous soft wash of directed light to the surface above.
 - Satin Diffuser for high efficiency and soft edge beam without striations.
- Integral drivers and through wiring.
 - Consistent LED technology throughout the Whitegoods product range.
 - Lengths and angles factory cut to exact field dimensions.
 - Continuous lengths to any dimension including standard and custom mitered corners.
 - Flicker-free full range dimming with standard driver (EldoLED).
 - Made in the USA.

Housing Precision extruded aluminum for true dimensions and tolerances
Wall, end-wall and mullion mount with rear and end feed options
Mounts over a horizontal switch box or direct conduit connection
Unitized gear tray with LED and driver for easy final installation
Standard and tailored lengths
Corners: standard and non-standard
Finishes: RAL 9010 white 15% gloss, Satin Aluminum, Dark Bronze
Optional clear dust cover

Integration Surface mounted to any vertical surface wall or mullion

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 - 15W per foot, 120 Lumens/watt average⁴
RA 91-94 (2700K - 4000K)
Conformal coated for protection against humidity standard

Driver Integral driver
Compatible with quality constant voltage drivers

Connectivity POE

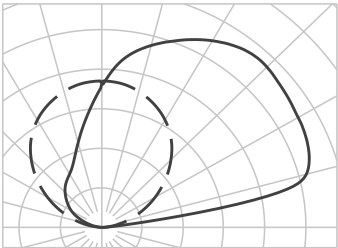
Weight 3lbs per foot

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

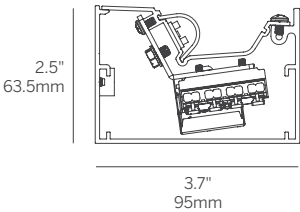
Voltages 120-277VAC, 347VAC



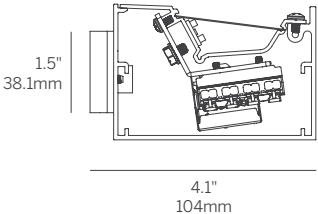
Polar Plot

Efficiency		Power (W/FT)			
73.4%		L 3W	M 6W	H 10W	XH 15W
CCT	2700K	393	700	1153	1671
	3000K	409	728	1220	1740
	3500K	424	755	1224	1822
	4000K	434	774	1277	1871

Lumens per foot (delivered)



Snap On Satin Diffuser (SSD)



Shown with optional Bracket Mount (BM) and optional Satin Clear Dust Cover (SDC)

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Box Cove 2

Model	Fixation	Pattern	Length	Power ³	CRI/CCT ⁴	Driver ⁵	Lens	Finish	Options
WG-BC2	SM	S ¹ PC ² PR ² PZ ²	24 36 48 72 96 XX	P1 P2 P3 P4	927 930 935 940 TW	E1 L1 L0 A3 POE BT TQ D2	SSD (std) SDC	W (std) SA DB F	BM EWM

Model

- WG-BC2 = Box Cove 2

Fixation

- SM = SM = Surface mount

Pattern

- S = Straight run¹
- PC = Standard patterns coffer 2, 3 or 4 sided with 90° inside corners²
- PR = Standard patterns raft 2, 3 or 4 sided with 90° outside corners²
- PZ = Non-standard patterns and/or corners other than 90°, consult factory²

Length

- 24 = 24"
- 36 = 36"
- 48 = 48"
- 72 = 72"
- 96 = 96"
- XX = Specify inches to the nearest 0.25"

Power³

(2700/3000/3500/4000K)

- P1 = 3W/ft (393/409/424/435 lm/ft)
- P2 = 6W/ft (700/728/755/774 lm/ft)
- P3 = 10W/ft (1153/1220/1244/1277 lm/ft)
- P4 = 15W/ft (1671/1740/1872/1871 lm/ft)

Tuneable White³

(2200-4000K)

- P1 = 6W/ft (600-800 lm/ft)
- P2 = 11W/ft (1182-1576 lm/ft)

CRI/CCT⁴

90+ CRI

- 927 = 2700K
- 930 = 3000K
- 935 = 3500K
- 940 = 4000K
- TW = Tuneable white 2200-4000K

Driver (integral)⁵

- E1 = EldoLED 0.1% dimming, 0-10V (120-277V)
- L1 = Lutron 1% dimming, Ecosystem (120-277V)
- L0 = Lutron 0.1% dimming, Ecosystem (120-277V)
- A3 = Advance 1% dimming, 0-10V (347V ONLY)
- PoE = Power over Ethernet
- BT = Wireless CAS – Casambi (Tunable white ONLY)
- TQ = T-Series for Lutron Quantum 0.1% (120-277V) (Tunable white ONLY)
- D2 = Two-channel DALI-2 certified 0.1% (120-277V) (Tunable white ONLY)

Lens

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

Finish

- W = White, 15% gloss, RAL9003 (standard)
- SA = Satin Aluminum
- DB = Dark Bronze
- F = Custom finish, specify RAL

Options

- BM = Bracket Mount
- EWM = End Wall Mount

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 specsheet.
- Wattage shown does not include power supplies/drivers.
- Delivered lumens with snap on satin diffuser shown.
- Integral driver. See power supply page for details.



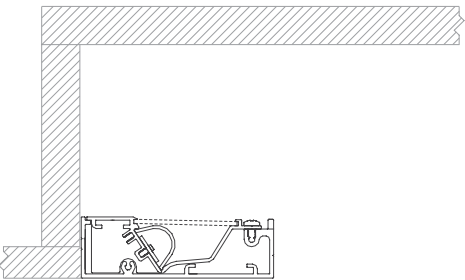
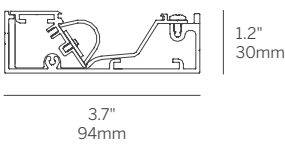
Mini Box Cove

Classic square-fronted continuous linear cove system for clean, minimal effect with optimized distribution for maximum throw of light from a small luminaire

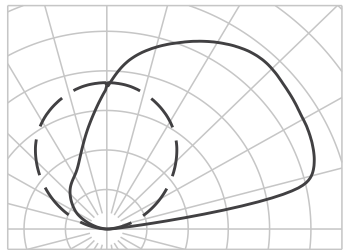
- Light source positioned for optimum horizontal spread of illumination.
- Light source is not visible from any viewing angle up to and including direct horizontal view.
- Delivers continuous soft wash of directed light to above surface.
- Satin Diffuser for high efficiency and soft edge beam without striations.
- Removable light source sub assembly for simple installation and maintenance.
- High efficiency linear LED in a range of outputs.
- Remote 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 Lay-in gear tray for easy final assembly Standard and tailored continuous lengths Corners: standard and non-standard Alignment hardware for minimal seam from below Finish: Painted RAL 9010 15% gloss
Integration	Fixation to any vertical surface or horizontal surface
Distribution	Low angle forward throw reflector with max beam at 125 degrees Back light reflector delivers soft, even illumination to the cove Snap-on diffuser and optional dust cover
LED	>90 CRI, 3-Step MacAdam, 2700-4000K white 3W - 13W per foot, 120 Lumens/watt average ⁴ RA 91-94 (2700K - 4000K) Conformal coated for protection against humidity
Driver	Remote driver Compatibe with quality constant voltage drivers
Connectivity	POE
Weight	2lbs 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, 347VAC



Architectural Cove
4" minimum offset, 12" typical offset



Polar Plot

Efficiency		Power (W/FT)			
73.4%		L 3W	M 6W	H 10W	XH 13W
CCT	2700K	276	552	920	1196
	3000K	276	552	920	1196
	3500K	282	563	938	1220
	4000K	282	563	938	1220

Lumens per foot (delivered)

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Mini Box Cove

Model	Fixation	Pattern	Length	Power ³	CRI/CCT ⁴	Driver ⁵	Lens	Finish	Options
WG-MBC	SM	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 L3D0E DFPN	SSD (std) SDC	W (std) F	LEC REC LREC

Model

- WG-BC = Mini Box Cove

Fixation

- SM = Surface mount

Pattern

- S = Straight run¹
- PC = Standard patterns coffer 2, 3 or 4 sided with 90° corners²
- PR = Standard patterns raft 2, 3 or 4 sided with 90° corners²
- 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

- 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 (remote)⁵

- X = No driver, ordered separately
- S = Standard driver 120-277V
- D010 = Osram, 10%, 0-10V dimming, 120-277V
- L3DAE = Lutron Hi-lume 1% EcoSystem, 120-277V
- L3D0E = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- 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, specify RAL

Options

- LEC = Left end cap
- REC = Right end cap
- LREC = Left & Right end caps

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 specs sheet.
- Wattage shown does not include power supplies/drivers.
- Delivered lumens with snap on satin diffuser shown.
- Remote drivers required. See power supply page for details.



20 Mini Edgeless Cove

Compact but highly effective indirect cove system featuring a Plaster Trim precision knife edge for clean, minimal effect, fully concealing the light source

- Extremely small kknife-edge cove utilizing the 20Linear for general indirect distribution.
- Continuous mounting to any desired length.
- Luminaire has opal or satin diffuser options for even illumination, elimiination of glare and high efficiency.
- Lengths and angles factory cut to exact field dimensions - housing may be field cut.
- Standard and custom corners.
- Snap-in 20Linear fixtuyre for ease of installation and maintenance.
- Remote driver.
- Made in the USA.



Housing Precision extruded aluminum for true dimensions and tolerances
Housing provided in any exact length, or field cut
Snap-in LED fixture for easy installation
Corners: standard and non-standard
Finishes: RAL 9010 white 15% gloss
Optional clear dust cover

Integration Fixation into gypsum, hard ceilings and all grid ceiling types

Distribution Wide indirect distribution fully illuminates the cove and redirects light into the adjacent space

LED >90 CRI, 3-Step MacAdam, 2700-4000K white
3W - 10W per foot, 120 Lumens/watt average⁴
RA 91-94 (2700K - 4000K)
Conformal coated for protection against humidity standard

Driver Remote driver
Compatible with quality constant voltage drivers

Connectivity POE

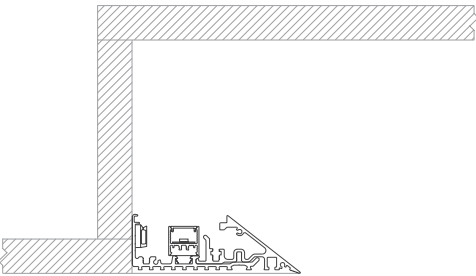
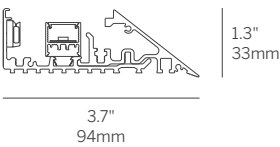
Weight 1lb per foot

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

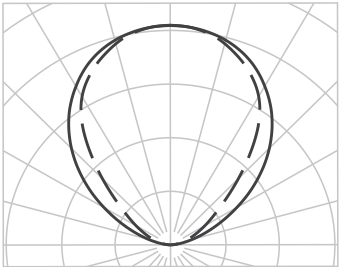
Warranty 5-year Limited (see complete company warranty information)

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

Voltages 120-277VAC, 347VAC



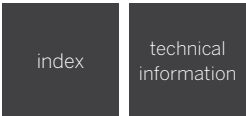
Gypsum Ceiling Mounting Options
4" minimum offset, 12" typical offset



Polar Plot

Efficiency		Power (W/FT)		
73.4%		L 3W	M 6W	H 10W
CCT	2700K	282	563	938
	3000K	282	563	938
	3500K	288	574	957
	4000K	288	574	957

Lumens per foot (delivered)



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20 Mini Edgeless Cove

Model	Fixation	Pattern	Length	Power ³	CRI/ CCT ⁴	Driver ⁵	Lens	Finish	Options
WG-20MEC	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	927 930 935 940	X S D010 L3DAE L3D0E DFPN	SD (std)	W (std) F	CDC

Model

- WG-20MEC = Mini Edgeless Cove

Fixation

- RPT = Recessed plaster trim

Pattern

- S = Straight run¹
- PC = Standard patterns coffer 2, 3 or 4 sided with 90° corners²
- PR = Standard patterns raft 2, 3 or 4 sided with 90° corners²
- 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

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

Color/Lumens⁴

90+ CRI minimum (Low/Mid/High)

- 927 = 2700K, (282/563/938 lm/ft)
- 930 = 3000K, (282/563/938 lm/ft)
- 935 = 3500K, (288/574/957 lm/ft)
- 940 = 4000K, (288/574/957 lm/ft)

Driver (remote)⁵

- X = No driver, ordered separately
- S = Standard driver 120-277V
- D010 = Osram, 10%, 0-10V dimming, 120-277V
- L3DAE = Lutron Hi-lume 1% EcoSystem, 120-277V
- L3D0E = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1%, 120VAC

Lens

- SD = Satin clear diffuser (standard)

Finish

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

Options

- CDC = Clear dust cover

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 specs sheet.
- Wattage shown does not include power supplies/drivers.
- Delivered lumens with satin clear diffuser shown.
- Remote drivers required. See power supply page for details..



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 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 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
In-fill top panel
Corners: standard and non-standard
Finishes: RAL 9010 white 15% gloss
Wall mounting allows the finished wall to extend above the ceiling plane

Integration Fixation into gypsum, hard ceilings and all grid ceiling types

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 average⁴
RA 91-94 (2700K - 4000K)
Conformal coated for protection against humidity standard

Driver Integral driver
Compatible with quality constant voltage drivers

Connectivity POE

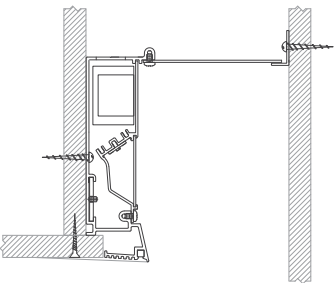
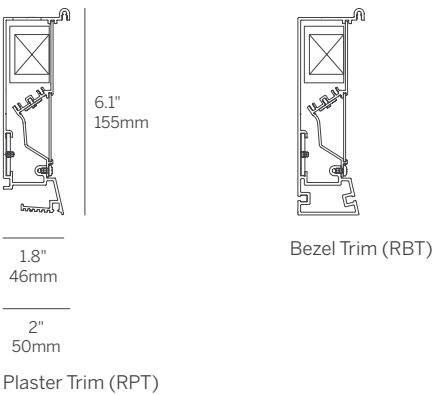
Weight 3lbs per foot

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

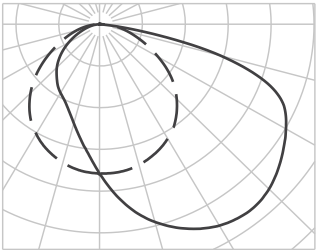
Warranty 5-year Limited (see complete company warranty information)

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

Voltages 120-277VAC, 347VAC



Gypsum Ceiling Mounting
4" minimum offset, 6" typical offset



Polar Plot

Efficiency		Power (W/FT)			
73.4%		L 3W	M 6W	H 10W	XH 13W
CCT	2700K	265	529	882	1147
	3000K	265	529	882	1147
	3500K	270	540	900	1170
	4000K	270	540	900	1170

Lumens per foot (delivered)

index	technical information (plaster)	technical information (bezel)
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V Cove

Model	Fixation	Pattern	Length	Power ³	CRI/ CCT ⁴	Driver ⁵	In-fill	Lens	Finish	Options
WG-VBC	RPT RBT	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 L3D0E DFPN	X P4 P6 P8 PX	SD (std)	W (std) F	LEC REC LREC

Model

- WG-VBC = V Cove

Fixation

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

Pattern

- S = Straight run¹
- PC = Standard patterns coffer 2, 3 or 4 sided with 90° corners²
- PR = Standard patterns raft 2, 3 or 4 sided with 90° corners²
- 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

- 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, (265/529/882/1147 lm/ft)
- 930 = 3000K, (265/529/882/1147 lm/ft)
- 935 = 3500K, (270/540/900/1170 lm/ft)
- 940 = 4000K, (270/540/900/1170 lm/ft)

Driver (integral)⁵

- X = No driver, ordered separately
- S = Standard driver 120-277V
- D010 = Osram, 10%, 0-10V dimming, 120-277V
- L3DAE = Lutron Hi-lume 1% EcoSystem, 120-277V
- L3D0E = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V (remote)
- DFPN = Lutron Forward Phase 1%, 120VAC

In-fill

- X = No in-fill panel
- P4 = 4" in-fill panel
- P6 = 6" in-fill panel
- P8 = 8" in-fill panel
- PX = Custom in-fill panel

Lens

- SD = Satin clear diffuser (standard)

Finish

- W = White, 15% gloss, RAL90010 (standard)
- F = Custom finish, specify RAL

Options

- LEC = Left end cap
- REC = Right end cap
- LREC = Left & right end caps

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 specs sheet.
- Wattage shown does not include power supplies/drivers.
- Delivered lumens with satin clear diffuser shown.
- Integral driver, except L3D0E (remote only). See power supply page for details.



Edgeless P Nose Cove

Cove system featuring plaster-in precision knife edge for clean, minimal effect. Non-illuminated.

- Complete system for wall-to-wall installations.
- Lengths and angles factory cut to exact field dimensions.
- Architectural element for plaster-in and field painting.
- Made in the USA.

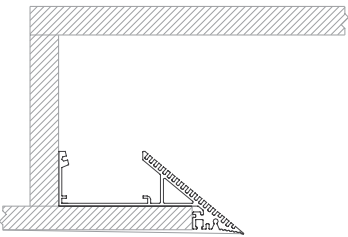
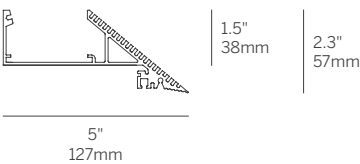


Housing Precision extruded aluminum for true dimensions and tolerances
Housing provided in any exact length
Unitized gear tray with LED and driver for easy final installation
Standard and tailored lengths
Corners: standard and non-standard
Finishes: RAL 9010 white 15% gloss
Optional clear dust cover

Integration Fixation into gypsum, hard ceilings and all grid ceiling types

Weight 2lbs per foot

Warranty 5-year Limited (see complete company warranty information)



Gypsum Ceiling Mounting

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Edgeless P Nose Cove

Model	Fixation	Pattern	Length	Finish	Options
WG-EPN	RPT	S PC ¹ PR ¹ PZ ¹	A A x B A x B x C A x B x A x B	R	LEC REC LREC LWR RWR

Model

- WG-EPN = Edgeless P Nose Cove

Fixation

- RPT = Recessed plaster trim

Pattern

- S = Straight run
- PC = Standard patterns coffer 2, 3 or 4 sided with 90° corners¹
- PR = Standard patterns raft 2, 3 or 4 sided with 90° corners¹
- PZ = Non-standard patterns and/or corners other than 90°, consult factory¹

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)

Finish

- R = Unpainted Finish

Options

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

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

Notes

- 1 See pattern specs sheet.

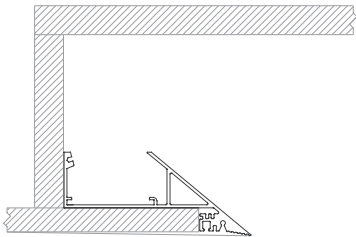
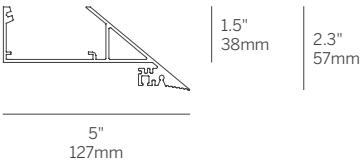
Edgeless Nose Cove

Cove system featuring plaster-in precision knife edge for clean, minimal effect. Non-illuminated.

- Complete system for wall-to-wall installations.
- Lengths and angles factory cut to exact field dimensions.
- Architectural element for plaster-in.
- 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 Corners: standard and non-standard Finishes: RAL 9010 white 15% gloss Optional clear dust cover
Integration	Fixation into gypsum, hard ceilings and all grid ceiling types
Weight	2lbs per foot
Warranty	5-year Limited (see complete company warranty information)



Gypsum Ceiling Mounting

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Edgeless Nose Cove

Model	Fixation	Pattern	Length	Finish	Options
WG-EN	RPT	S PC ¹ PR ¹ PZ ¹	A A x B A x B x C A x B x A x B	W (std) F	LEC REC LREC LWR RWR

Model

- WG-EN = Edgeless Nose Cove

Fixation

- RPT = Recessed plaster trim

Pattern

- S = Straight run
- PC = Standard patterns coffer 2, 3 or 4 sided with 90° corners¹
- PR = Standard patterns raft 2, 3 or 4 sided with 90° corners¹
- PZ = Non-standard patterns and/or corners other than 90°, consult factory¹

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)

Finish

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

Options

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

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

Notes

- 1 See pattern specs sheet.

Z Cove

A knife edge perimeter slot system for continuous illumination of vertical surfaces available in any dimension to fully integrate with the architecture

- Linear perimeter slot system featuring plaster-in precision knife edge for clean, minimal effect.
- No visibility of light source when viewed from directly below knife edge.
- Delivers continuous soft wash of light to adjacent surface.
- Integral drivers and through wiring.
- Continuous mounting to any desired length.
- Standard and custom corners.
- Continuous, evenly illuminated snap-in lens without visible LED pattern.
- Flush snap-in Opal Diffuser (standard) for evenly illuminated lens.
- Flush snap-in Satin Diffuser for maximum efficiency and spot free lens.
- Field replaceable LED boards.
- 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
Corners: standard and non-standard
Finishes: RAL 9010 white 15% gloss
Optional clear dust cover

Integration Fixation into gypsum, hard ceilings and all grid ceiling types

Distribution Asymmetric wallwash distribution
Redirected light for soft, even illumination of the top of the wall
Satin optical diffuser for wide, diffuse and efficient light emission

LED >90 CRI, 3-Step MacAdam, 2700-4000K white
3W - 13W per foot, 120 Lumens/watt average⁴
RA 91-94 (2700K - 4000K)
Conformal coated for protection against humidity standard

Driver Integral driver
Compatible with quality constant voltage drivers

Connectivity POE

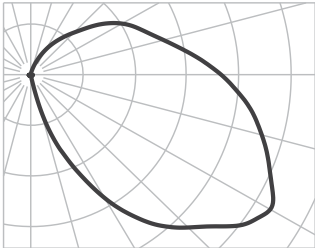
Weight 3lbs per foot

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

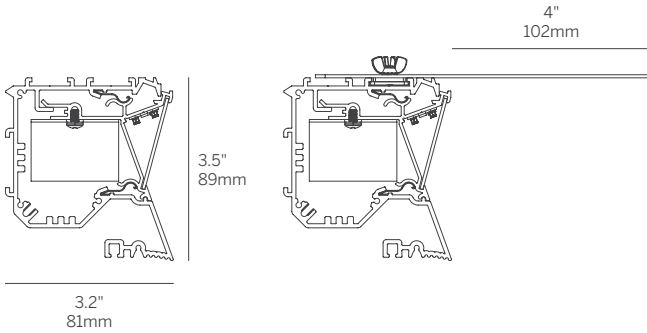
Voltages 120-277VAC, 347VAC



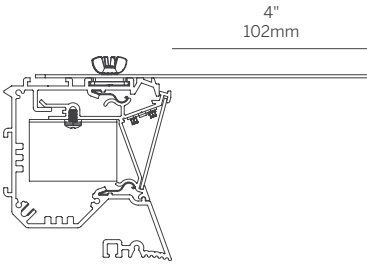
Polar Plot

Efficiency		Power (W/FT)			
73.4%		L 3W	M 6W	H 10W	XH 13W
CCT	2700K	290	579	965	1254
	3000K	290	529	965	1254
	3500K	296	591	984	1280
	4000K	296	591	984	1280

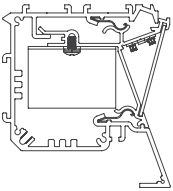
Lumens per foot (delivered)



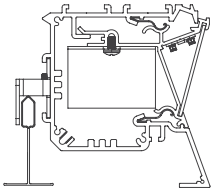
Plaster Trim (RPT)



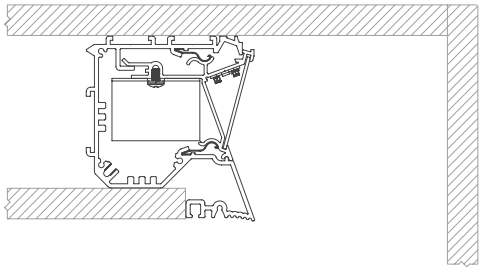
Plaster Trim (RPT)
Shown with 4" in-fill panel



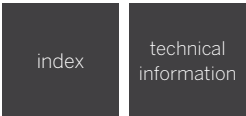
Bezel Trim (RBT)



Grid Trim (RGT9, RGT15)



Gypsum Ceiling Mounting
2.5" minimum offset, 12" typical offset



Design Guide
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Z Cove

Model	Fixation	Pattern	Length	Power ³	CRI/ CCT ⁴	Driver ⁵	In-fill	Lens	Finish	Options
WG-ZC	RPT RBT RGT9 RGT15	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 L3D0E DFPN	X P4 P5 PX	SD (std)	W (std) F	LEC REC LREC

Model

- WG-ZC = Z Cove Flat Diffuser

Fixation

- RPT = Recessed plaster trim
- RBT = Recessed bezel trim
- RGT9 = Recessed grid trim 9/16"
- RGT15 = Recessed grid trim 15/16"

Pattern

- S = Straight run¹
- PC = Standard patterns coffer 2, 3 or 4 sided with 90° corners²
- PR = Standard patterns raft 2, 3 or 4 sided with 90° corners²
- 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

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

CCT / CRI⁴

90+ CRI minimum (Low/Mid/High/Extra High)

- 927 = 2700K, (290/579/965/1254 lm/ft)
- 930 = 3000K, (290/579/965/1254 lm/ft)
- 935 = 3500K, (296/591/984/1280 lm/ft)
- 940 = 4000K, (296/591/984/1280 lm/ft)

Driver (integral)⁵

- X = No driver, ordered separately
- S = Standard driver, 120-277V
- D010 = 10%, 0-10V dimming, 120-277V
- L3DAE = Lutron Hi-lume 1% EcoSystem, 120-277V
- L3D0E = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V (remote only)
- DFPN = Lutron Forward Phase 1%, 120VAC

In-fill

- X = No in-fill panel
- P4 = 4" - 5" adjustable in-fill panel
- P5 = 5" - 6" adjustable in-fill panel
- PX = Custom in-fill panel

Lens

- SD = Satin clear diffuser (standard)

Finish

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

Options

- LEC = Left end cap
- REC = Right end cap
- LREC = Left & Right end caps

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 specs sheet.
- Wattage shown does not include power supplies/drivers.
- Delivered lumens with satin clear diffuser shown.
- Integral driver, except L3D0E (remote only). See power supply page for details.



20 Z Cove Graze

GrazeA precision perimeter lighting system utilizing the 20Linear product to wash or graze the wall

- Light source positioned to illuminate vertically without obstruction from knife edge detail.
- Wash or graze the wall with optional optical accessories to deliver narrow beam graze effect or low glare 45° cut off shielding.
- Continuous mounting to any desired length.
- Removable light source sub assembly for simple maintenance.
- Easy installation and maintenance of the light source and driver through a unitized gear tray assembly.
- Standard and custom corners.
- Integral drivers and through wiring.
- 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
Corners: standard and non-standard
Finishes: RAL 9010 white 15% gloss
Optional clear dust cover

Integration Fixation into gypsum, hard ceilings and all grid ceiling types

Distribution Continuous wash using the 20Linear with Satin Lens
Graze the wall using the Narrow Lens optic
Graze with maximum visual cut-off using the 45 degree louver

LED >90 CRI, 3-Step MacAdam, 2700-4000K white
3W - 10W per foot, 120 Lumens/watt average
RA 91-94 (2700K - 4000K)
Conformal coated for protection against humidity standard

Driver Integral driver
Compatible with quality constant voltage drivers

Connectivity POE

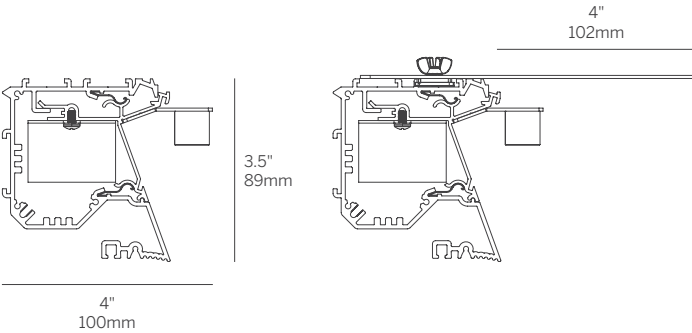
Weight 3lbs per foot

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

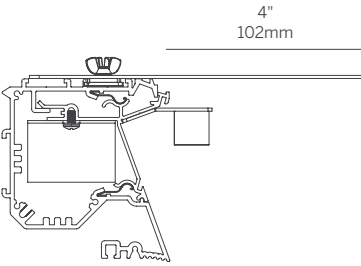
Warranty 5-year Limited (see complete company warranty information)

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

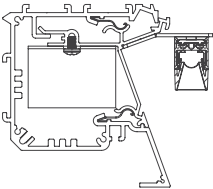
Voltages 120-277VAC, 347VAC



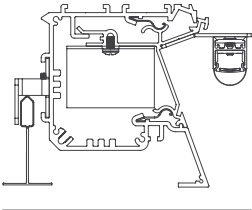
Plaster Trim (RPT)



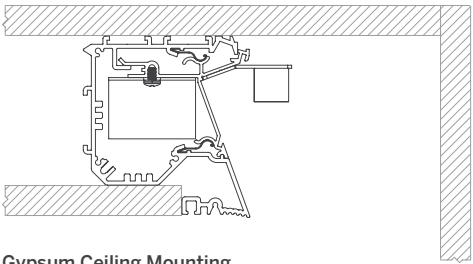
Plaster Trim (RPT)



Bezel Trim (RBT)



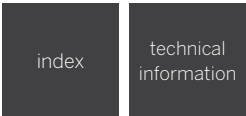
Grid Trim (RGT9, RGT15)



Gypsum Ceiling Mounting

		Power (W/FT)		
		L 3W	M 6W	H 10W
CCT	2700K	376	752	1253
	3000K	376	752	1253
	3500K	384	767	1278
	4000K	384	767	1278

Lumens per foot (nominal)



20 Z Cove Graze

Model	Fixation	Pattern	Length	Power ³	CRI/ CCT	Driver ⁴	In-fill	Lens	Finish	Options
WG-20ZCG	RPT RBT RGT9 RGT15	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	927 930 935 940	X S D010 L3DAE L3D0E DFPN	X P4 P5 PX	OD (std) SD NL16 LL45B LL45C LL45W	W (std) F	LEC REC LREC

Model

- WG-20ZCG = 20 Z Cove Grave

Fixation

- RPT = Recessed plaster trim
- RBT = Recessed bezel trim
- RGT9 = Recessed grid trim 9/16"
- RGT15 = Recessed grid trim 15/16"

Pattern

- S = Straight run¹
- PC = Standard patterns coffer 2, 3 or 4 sided with 90° corners²
- PR = Standard patterns raft 2, 3 or 4 sided with 90° corners²
- 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

- L = 3W/ft low power (24V)
- M = 6W/ft mid power (24V)
- H = 10W/ft high power (24V)

CCT / CRI (Nominal Lumens)

90+ CRI minimum (Low/Mid/High)

- 927 = 2700K, (376/752/1253 lm/ft)
- 930 = 3000K, (376/752/1253 lm/ft)
- 935 = 3500K, (384/767/1278 lm/ft)
- 940 = 4000K, (384/767/1278 lm/ft)

Driver (integral)⁴

- X = No driver, ordered separately
- S = Standard driver, 120-277V
- D010 = 10%, 0-10V dimming, 120-277V
- L3DAE = Lutron Hi-lume 1% EcoSystem, 120-277V
- L3D0E = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V (remote only)
- DFPN = Lutron Forward Phase 1%, 120VAC

In-fill

- X = No in-fill panel
- P4 = 4" - 5" adjustable in-fill panel
- P5 = 5" - 6" adjustable in-fill panel
- PX = Custom in-fill panel

Lens

- OD = Satin clear diffuser (standard)
- SD = Satin opal diffuser (high efficiency)
- NL16 = Narrow lens
- LL45B = Louver, black
- LL45C = Louver, satin clear
- LL45W = Louver, white

Finish

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

Options

- LEC = Left end cap
- REC = Right end cap
- LREC = Left & Right end caps

Emergency Remote Only

- Emergency LED battery backup available, order separately.

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

Notes

- 1 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.
- 2 See pattern specs sheet.
- 3 Wattage shown does not include power supplies/drivers.
- 4 Integral driver, except L3D0E (remote only). See power supply page for details.



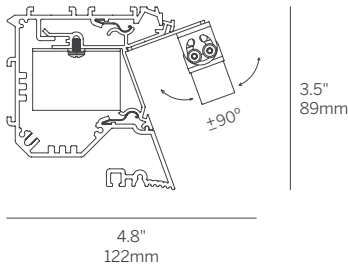
20 Z Cove Adjustable Graze

A knife edge perimeter system for continuous adjustable downward illumination to allow fine tuning of the lit effect to adjacent surfaces

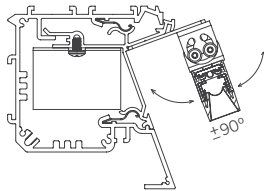
- Linear perimeter slot system featuring plaster-in precision knife edge for clean, minimal effect.
- Light source positioned to illuminate vertically without obstruction from knife edge detail.
- Optical accessories to deliver narrow beam graze effect or low glare 45° cut off shielding.
- Adjustable light head for precise tuning of the lit effect.
- Continuous mounting to any desired length
- Removable light source sub assembly for simple maintenance.
- Integral drivers and through wiring.
- Standard and custom corners.
- Field replaceable LED fixture.
- Made in the USA.



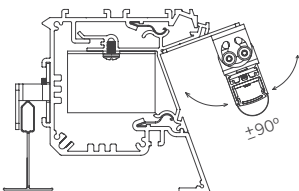
Housing	Precision extruded aluminum for true dimensions and tolerances Housing provided in any exact length Unitized gear tray with LED and driver for easy final installation Standard and tailored lengths Corners: standard and non-standard Finishes: RAL 9010 white 15% gloss Optional clear dust cover
Integration	Fixation into gypsum, hard ceilings and all grid ceiling types
Distribution	Continuous wash using the 20Linear with Satin Lens Graze the wall using the Narrow Lens optic Graze with maximum visual cut-off using the 45 degree louver Adjustable light head for precise tuning of the lit effect
LED	>90 CRI, 3-Step MacAdam, 2700-4000K white 3W - 10W per foot, 120 Lumens/watt average 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
Voltages	120-277VAC, 347VAC



Plaster Trim (RPT)



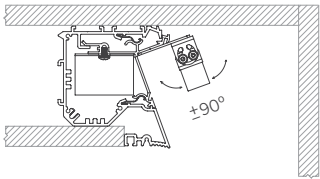
Bezel Trim (RBT)



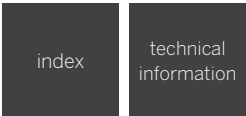
Grid Trim (RGT9, RGT15)

		Power (W/FT)		
		L 3W	M 6W	H 10W
CCT	2700K	376	752	1253
	3000K	376	752	1253
	3500K	384	767	1278
	4000K	384	767	1278

Lumens per foot (nominal)



Gypsum Ceiling Mounting



20 Z Cove Adjustable Graze

Model	Fixation	Pattern	Length	Power ³	CRI/ CCT	Driver ⁴	In-fill	Lens	Finish	Options
WG-20ZCAG	RPT RBT RGT9 RGT15	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	927 930 935 940	X S D010 L3DAE L3D0E DFPN	X P4 P5 PX	OD (std) SD NL16 LL45B LL45C LL45W	W (std) F	LEC REC LREC

Model

- WG-20ZCAG = 20 Z Cove Adjustable Graze

Fixation

- RPT = Recessed plaster trim
- RBT = Recessed bezel trim
- RGT9 = Recessed grid trim 9/16"
- RGT15 = Recessed grid trim 15/16"

Pattern

- S = Straight run¹
- PC = Standard patterns coffer 2, 3 or 4 sided with 90° corners²
- PR = Standard patterns raft 2, 3 or 4 sided with 90° corners²
- 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

- L = 3W/ft low power (24V)
- M = 6W/ft mid power (24V)
- H = 10W/ft high power (24V)

CCT / CRI (Nominal Lumens)

90+ CRI minimum (Low/Mid/High)

- 927 = 2700K, (376/752/1253 lm/ft)
- 930 = 3000K, (376/752/1253 lm/ft)
- 935 = 3500K, (384/767/1278 lm/ft)
- 940 = 4000K, (384/767/1278 lm/ft)

Driver (integral)⁴

- X = No driver, ordered separately
- S = Standard driver, 120-277V
- D010 = 10%, 0-10V dimming, 120-277V
- L3DAE = Lutron Hi-lume 1% EcoSystem, 120-277V
- L3D0E = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V (remote only)
- DFPN = Lutron Forward Phase 1%, 120VAC

In-fill

- X = No in-fill panel
- P4 = 4" - 5" adjustable in-fill panel
- P5 = 5" - 6" adjustable in-fill panel
- PX = Custom in-fill panel

Lens

- OD = Satin clear diffuser (standard)
- SD = Satin opal diffuser (high efficiency)
- NL16 = Narrow lens
- LL45B = Louver, black
- LL45C = Louver, satin clear
- LL45W = Louver, white

Finish

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

Options

- LEC = Left end cap
- REC = Right end cap
- LREC = Left & Right end caps

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 specs sheet.
- Wattage shown does not include power supplies/drivers.
- Integral driver, except L3D0E (remote only). See power supply page for details.



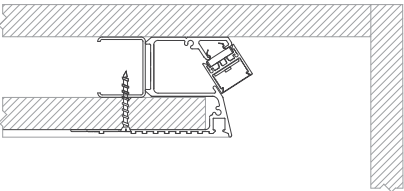
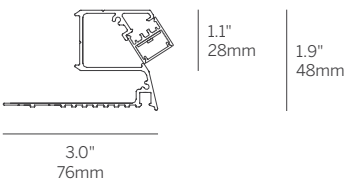
20 Mini Z Cove

Compact and powerful continuous perimeter luminaire with plaster-in Plaster Trim knife edge detail for a perfect finish. Delivers light smoothly down the wall from a concealed position.

- Miniature continuous perimeter light with knife edge detail.
- Flush snap-in Opal Diffuser (standard) for evenly illuminated lens.
- Flush snap-in Satin Diffuser for maximum efficiency and spot free lens.
- Easy plaster-in integration into walls and ceiling.
- Snap-in LED fixture for easy installation and maintenance
- Continuous mounting to any desired length.
- Lengths and angles factory cut to exact field dimensions or field cut.
- Remote driver, low voltage wiring.
- Made in the USA.



Housing	Precision extruded aluminum for true dimensions and tolerances Housing provided in any exact length Snap-in LED fixture Corners: standard and non-standard Finishes: RAL 9010 white 15% gloss
Integration	Fixation into gypsum walls and ceilings
Distribution	Continuous even illumination using an opal lens for homogeneous lens appearance, or satin diffuser for higher efficiency
LED	>90 CRI, 3-Step MacAdam, 2700-4000K white 3W - 10W per foot, 120 Lumens/watt average RA 91-94 (2700K - 4000K) Conformal coated for protection against humidity standard
Driver	Remote 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
Voltages	120-277VAC, 347VAC



Gypsum Ceiling Mounting Options
2.5" minimum offset, 6" typical offset

		Power (W/FT)		
		L 3W	M 6W	H 10W
CCT	2700K	376	752	1253
	3000K	376	752	1253
	3500K	384	767	1278
	4000K	384	767	1278

Lumens per foot (nominal)

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20 Mini Z Cove

Model	Fixation	Pattern	Length	Power ³	CRI/ CCT	Driver ⁴	Lens	Finish
WG-MZC	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	927 930 935 940	X S D010 L3DAE L3D0E DFPN	OD (std) SD	W (std) F

Model

- WG-20MZC = 20 Mini Z Cove

Fixation

- RPT = Recessed plaster trim

Pattern

- S = Straight run¹
- PC = Standard patterns coffer 2, 3 or 4 sided with 90° corners²
- PR = Standard patterns raft 2, 3 or 4 sided with 90° corners²
- 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

- L = 3W/ft low power (24V)
- M = 6W/ft mid power (24V)
- H = 10W/ft high power (24V)

CCT / CRI (Nominal Lumens)

90+ CRI minimum (Low/Mid/High)

- 927 = 2700K, (376/752/1253 lm/ft)
- 930 = 3000K, (376/752/1253 lm/ft)
- 935 = 3500K, (384/767/1278 lm/ft)
- 940 = 4000K, (384/767/1278 lm/ft)

Driver (remote)⁴

- X = No driver, ordered separately
- S = Standard driver, 120-277V
- D010 = 10%, 0-10V dimming, 120-277V
- L3DAE = Lutron Hi-lume 1% EcoSystem, 120-277V
- L3D0E = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1%, 120VAC

Lens

- OD = Satin opal diffuser (standard)
- SD = Satin clear diffuser (high efficiency)

Finish

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

Emergency Remote Only

- Emergency LED battery backup available, order separately.

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

Notes

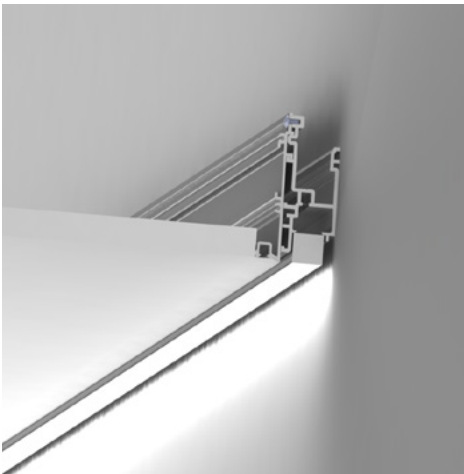
- Standard setup assumes the cove ends at a perpendicular wall and the LED board is setback from the end to minimize light on the perpendicular wall. Contact us for options.
- See pattern specs sheet.
- Wattage shown does not include power supplies/drivers.
- Remote drivers required. See power supply page for details.



20 Linear Perimeter Flush Lens

A perimeter pocket system with flush mounted light source for continuous illumination of adjacent surfaces, available in any dimension to fully integrate with the architecture

- Continuous, evenly illuminated snap-in lens without visible LED pattern.
- Continuous mounting to any desired length (within 1/4").
- Standard Opal Diffuser for even illumination and no LED appearance.
- Remote driver options.
- Field replaceable LED boards.
- 90+ CRI, 3 Steps MacAdam delivering excellent color rendering.
- Lengths and angles factory cut to exact field dimensions.
- Standard and custom corners.
- Made in the USA.



Plaster Trim

Housing Precision extruded aluminum for true dimensions and tolerances
Wall mounted spring steel clips to securely fasten the housing to the wall
Housing provided in any exact length
Snap-in LED fixture; easy installation and maintenance
Corners: standard and non-standard
Finishes: RAL 9010 white 15% gloss

Integration Wall mounted spring steel clips to securely fasten the housing to the wall
Compatible with any ceiling type

Distribution Continuous even illumination using an opal lens for homogeneous lens appearance, or satin diffuser for higher efficiency and minimal LED image

LED >90 CRI, 3-Step MacAdam, 2700-4000K white
3W - 10W per foot, 120 Lumens/watt average
RA 91-94 (2700K - 4000K)
Conformal coated for protection against humidity standard

Driver Remote driver
Compatible with quality constant voltage drivers

Connectivity POE

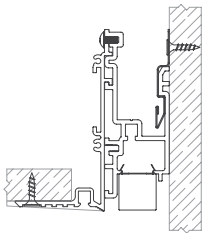
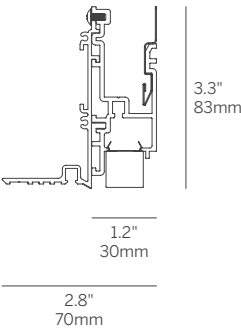
Weight 2lbs per foot

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

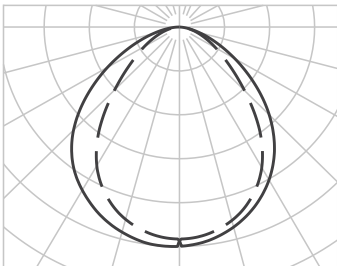
Warranty 5-year Limited (see complete company warranty information)

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

Voltages 120-277VAC, 347VAC



Gypsum Ceiling Mounting

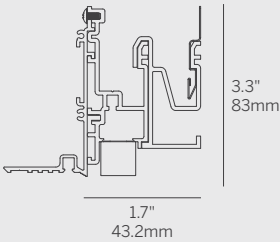


Polar Plot*

Efficiency		Power (W/FT)		
88.4%		L 3W	M 6W	H 10W
CCT	2700K	332	665	1108
	3000K	332	665	1108
	3500K	339	678	1130
	4000K	339	678	1130

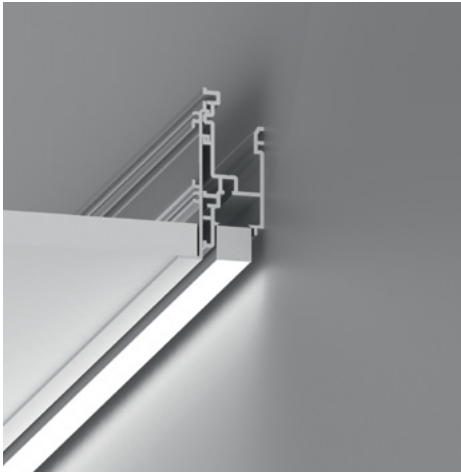
Lumens per foot*

Soft Graze (SG)

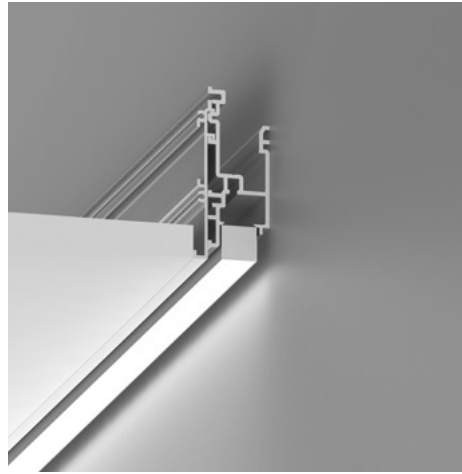


Plaster Trim (RPT)

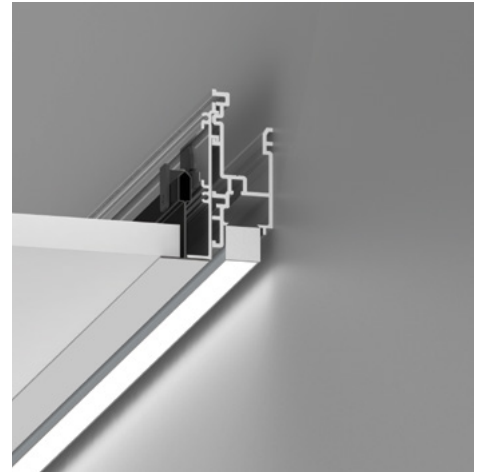
*Delivered lumens with satin clear diffuser shown.



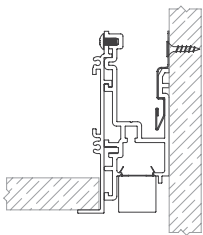
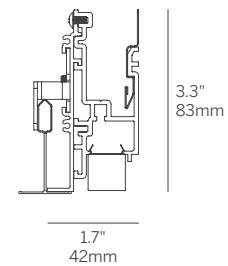
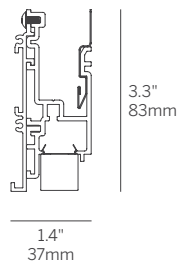
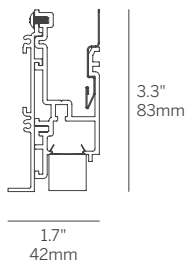
Bezel Trim



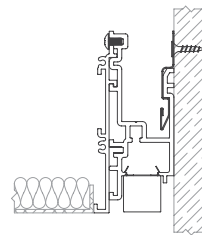
Return Trim



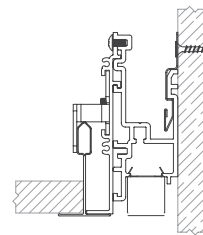
Grid Trim



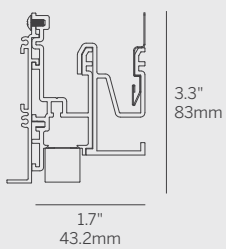
Solid Ceiling Mounting



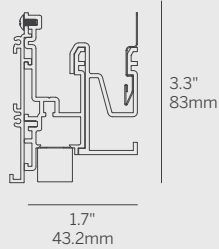
Metal Ceiling Tile Mounting



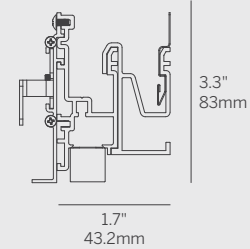
Grid Ceiling Tile Mounting



Bezel Trim (RBT)



Bezel Return Trim (RRT)



Grid Trim (RGT9, RGT15)

20 Linear Perimeter Flush Lens

Model	Soft Graze	Fixation	Pattern ¹	Length	Power ²	CRI/ CCT ³	Driver ⁴	Lens	Finish	Options
WG-20LPF	SG (optional)	RPT RBT RRT RGT9 RGT15	S P	A A x B A x B x C A x B x A x B	L M H	927 930 935 940	X S D010 L3DAE L3D0E DFPN	OD (std) SD	W (std) B G F	BEC FEC PEC

Model

- WG-20LPF = 20 Linear Perimeter Flush Lens

Soft Graze

- SG = *Soft Graze*, extends the luminaire an additional 0.5" from the wall to soften the effect (optional)

Fixation

- RPT = Recessed plaster trim
- RBT = Recessed bezel trim
- RRT = Recessed return trim
- RGT9 = Recessed grid trim 9/16"
- RGT15 = Recessed grid trim 15/16"

Pattern¹

- S = Straight run
- P = Standard patterns 2, 3 or 4 sided with 90° corners on the same plane.

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)

Power²

- L = 3W/ft low power (24V)
- M = 6W/ft mid power (24V)
- H = 10W/ft high power (24V)

CCT / CRI³

90+ CRI minimum (Low/Mid/High)

- 927 = 2700K, (332/665/1108 lm/ft)
- 930 = 3000K, (332/665/1108 lm/ft)
- 935 = 3500K, (339/678/1130 lm/ft)
- 940 = 4000K, (339/678/1130 lm/ft)

Driver (remote)⁴

- X = No driver
- S = Standard driver, 120-277V
- D010 = 10%, 0-10V dimming, 120-277V
- L3DAE = Lutron Hi-lume 1% EcoSystem, 120-277V
- L3D0E = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1%, 120VAC

Lens

- OD = Satin opal diffuser (standard) (SG only)
- SD = Satin clear diffuser (high efficiency)

Finish

- W = White, 15% gloss, RAL9010 (standard)
- B = Black, 15% gloss
- G = Gray, 15% gloss
- F = Custom finish, specify RAL

Options

- BEC = Bezel end caps
- FEC = Flat end caps
- PEC = Plaster-in end caps

Emergency Remote Only

- Emergency LED battery backup available, order separately.

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

Notes

- 1 See pattern specs sheet.
- 2 Wattage shown does not include power supplies/drivers.
- 3 Delivered lumens with satin clear diffuser shown.
- 4 Remote drivers required. See power supply page for details.



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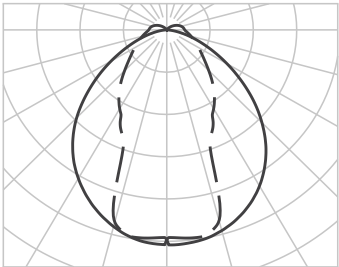
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20 Linear Perimeter Regressed Lens

A Plaster Trim perimeter pocket system with deep regressed light source for continuous illumination of adjacent surfaces, available in any dimension to fully integrate with the architecture, and with a selection of optical accessories

- Continuous, evenly illuminated snap-in lens without visible LED pattern.
- Continuous mounting to any desired length (within 1/4").
- Standard Opal Diffuser for even illumination and no LED appearance.
- Satin Diffuser for high efficiency and minimal LED appearance.
- Remote driver.
- Field replaceable LED boards.
- 90+ CRI, 3 Steps MacAdam delivering excellent color rendering.
- Lengths and angles factory cut to exact field dimensions.
- Standard and custom corners.
- Versatile system offering multiple optical performance options.
- Made in the USA.

Housing	Precision extruded aluminum for true dimensions and tolerances Wall mounted spring steel clips to securely fasten the housing to the wall Housing provided in any exact length Snap-in LED fixture; easy installation and maintenance Corners: standard and non-standard Finishes: RAL 9010 white 15% gloss
Integration	Wall mounted spring steel clips to securely fasten the housing to the wall Compatible with any ceiling type
Distribution	Continuous even illumination using an opal lens for homogeneous lens appearance, or satin diffuser for higher efficiency and minimal LED image
LED	>90 CRI, 3-Step MacAdam, 2700-4000K white 3W - 10W per foot, 120 Lumens/watt average RA 91-94 (2700K - 4000K) Conformal coated for protection against humidity standard
Driver	Remote driver Compatible with quality constant voltage drivers
Connectivity	POE
Weight	2lbs 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, 347VAC



Polar Plot*

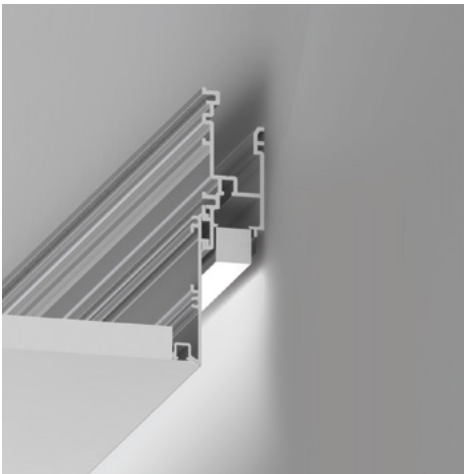
Efficiency		Power (W/FT)		
80.3%		L 3W	M 6W	H 10W
CCT	2700K	302	604	1006
	3000K	302	604	1006
	3500K	308	616	1026
	4000K	308	616	1026

Lumens per foot*

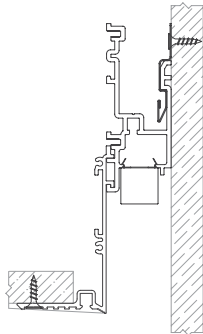
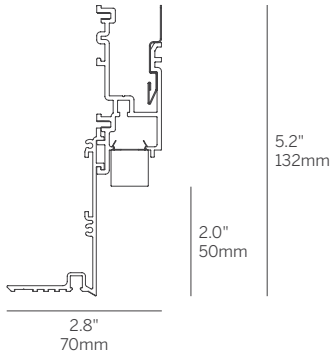
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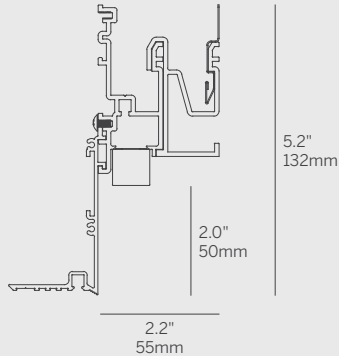


Plaster Trim (RPT)



Gypsum Ceiling Mounting

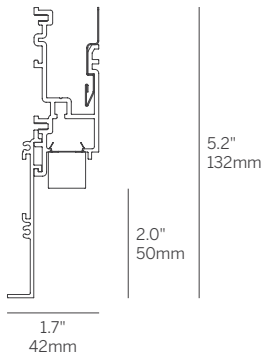
Soft Graze (SG)



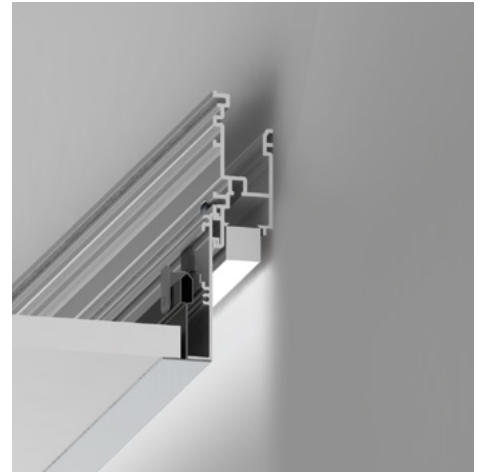
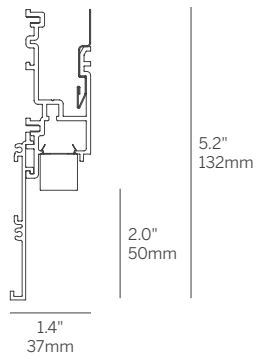
*Delivered lumens with satin clear diffuser shown.



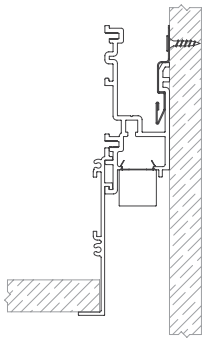
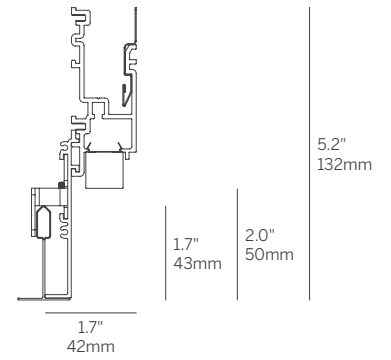
Bezel Trim (RBT)



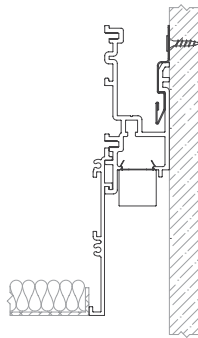
Return Trim (RRT)



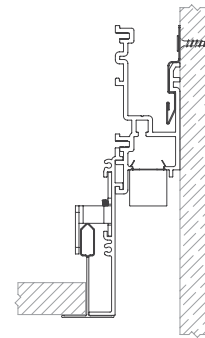
Grid Trim (RGT)



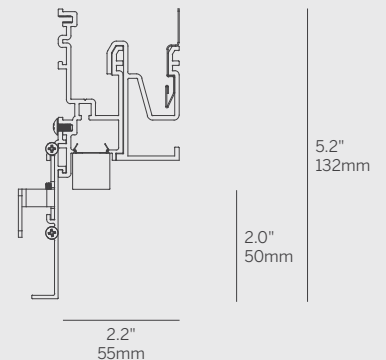
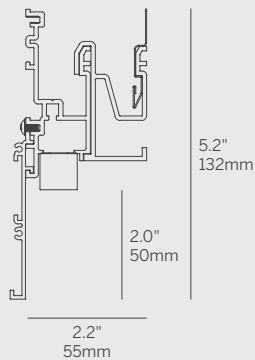
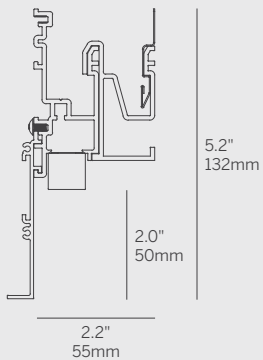
Solid Ceiling Mounting



Metal Ceiling Tile Mounting



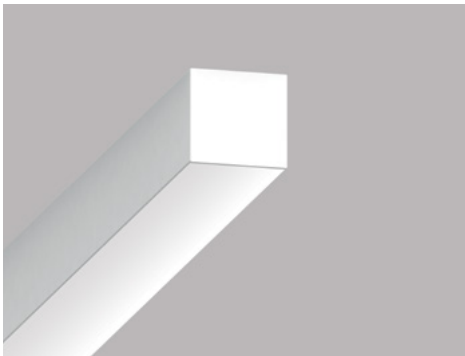
Grid Ceiling Tile Mounting



20 Linear Perimeter Regressed Lens

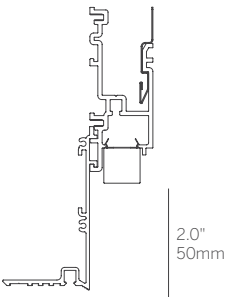
Optical Accessories

Snap In Diffusers (OD, SD)

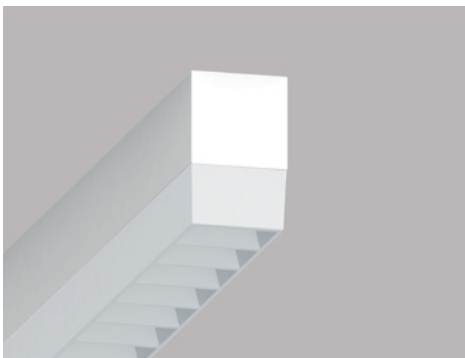


Continuous, evenly illuminated snap-in lens without visible LED pattern

- Standard Opal Diffuser for even illumination and no LED appearance.
- Satin Clear Diffuser for high efficiency and minimal LED appearance.

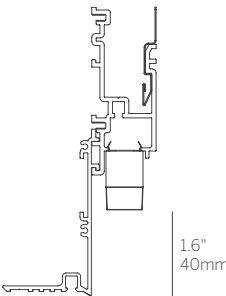


Louver (LL45W, LL45B)

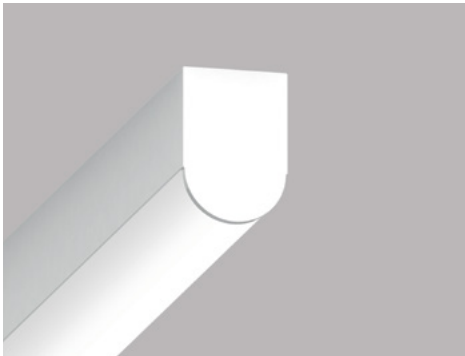


Glare control louver for complete shielding of light source

- Cross blade louver with integrated holographic film.
- Exact 45° cut-off.
- Available in 4.7" increments.
- End-to-end mounting gives uninterrupted lighting effect.
- Black or transparent frost finish.

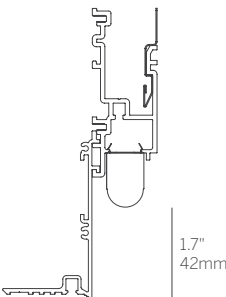


Narrow Lens (NL16)



Accurate beam control delivering a soft-edged narrow linear beam

- 30° axially-symmetrical linear beam.
- 'Clean' beam spread, free from striations.
- End-to-end mounting gives uninterrupted lighting effect.



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20 Linear Perimeter Regressed Lens

Model	Soft Graze	Fixation	Pattern ¹	Length	Power ²	CRI/ CCT ³	Driver ⁴	Lens	Finish	Options
WG-20LPR	SG (optional)	RPT RBT RRT RGT9 RGT15	S P	A A x B A x B x C A x B x A x B	L M H	927 930 935 940	X S D010 L3DAE L3D0E DFPN	OD (std) SD LL45W LL45B NL16	W (std) B G F	BEC FEC PEC

Model

- WG-20LPR = 20 Linear Perimeter Flegressed Lens

Soft Graze

- SG = *Soft Graze*, extends the luminaire an additional 0.5" from the wall to soften the effect (optional)

Fixation

- RPT = Recessed plaster trim
- RBT = Recessed bezel trim
- RRT = Recessed return trim
- RGT9 = Recessed grid trim 9/16"
- RGT15 = Recessed grid trim 15/16"

Pattern¹

- S = Straight run
- P = Standard patterns 2, 3 or 4 sided with 90° corners on the same plane.

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)

Power²

- L = 3W/ft low power (24V)
- M = 6W/ft mid power (24V)
- H = 10W/ft high power (24V)

CCT / CRI³

90+ CRI minimum (Low/Mid/High)

- 927 = 2700K, (302/604/1006 lm/ft)
- 930 = 3000K, (302/604/1006 lm/ft)
- 935 = 3500K, (308/616/1278 lm/ft)
- 940 = 4000K, (384/767/1278 lm/ft)

Driver (remote)⁴

- X = No driver, ordered separately
- S = Standard driver, 120-277V
- D010 = 10%, 0-10V dimming, 120-277V
- L3DAE = Lutron Hi-lume 1% EcoSystem, 120-277V
- L3D0E = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1%, 120VAC

Lens

- OD = Satin opal diffuser (standard)
- SD = Satin clear diffuser (high efficiency)
- NL16 = Linear narrow lens, 16 degree
- LL45W = Linear louver white
- LL45B = Linear louver black

Finish

- W = White, 15% gloss, RAL9010 (standard)
- B = Black, 15% gloss
- G = Gray, 15% gloss
- F = Custom finish, specify RAL

Options

- BEC = Bezel end caps
- FEC = Flat end caps
- PEC = Plaster-in end caps

Emergency Remote Only

- Emergency LED battery backup available, order separately.

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

Notes

- 1 See pattern specs sheet.
- 2 Wattage shown does not include power supplies/drivers.
- 3 Delivered lumens with satin clear diffuser shown.
- 4 Remote power supply required. See power supply specs sheet.



Design Guide

We have provided performance data and characteristics for Whitegoods luminaires, as well as providing expected light levels for typical scenarios based on set parameters. The results are intended as a handy reference to help the specifier plan their project quickly, efficiently and with confidence.

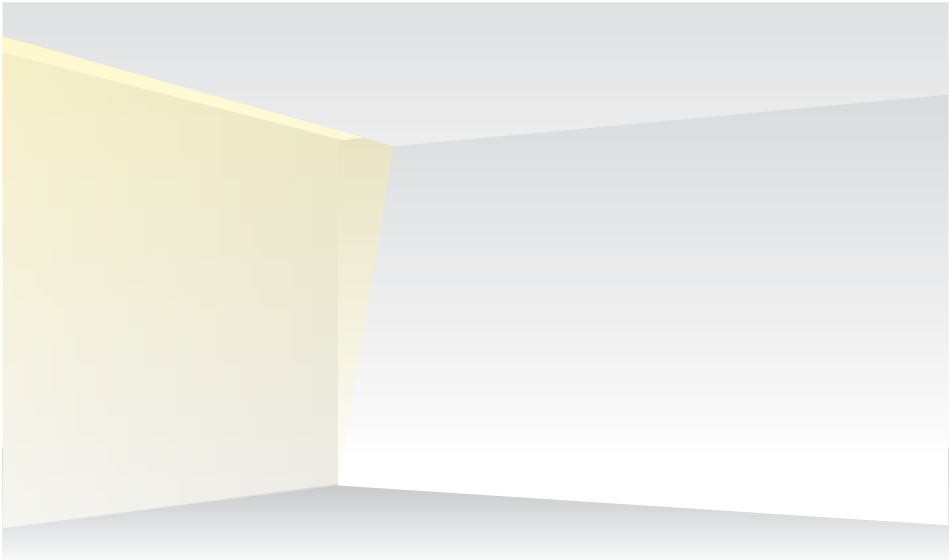
We have taken the most common uses of each luminaire type, set distances and heights based on typical situations and calculated the results. Then, we vary the parameters a little either way so that you can decide for yourself the best option for your particular requirement.





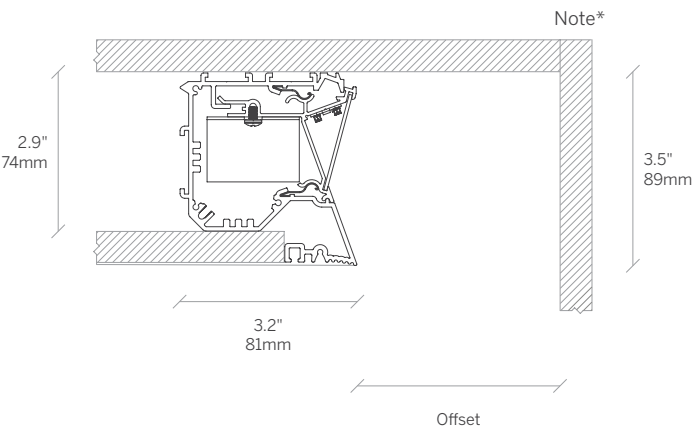
Z Cove - Concealed Vertical Illumination

WG ZCF-RPT-S, WG ZCF-RBT-S, WG ZCF-RGT-S



Mounting and Recommended Spacing

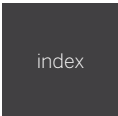
WG ZCF-RPT-S shown with mounting to plenum structure



Installs within less than a single layer of standard 3 5/8" gypsum framing system and 5/8" board.

Note*
Paint out all internal surfaces of cove in matt white.

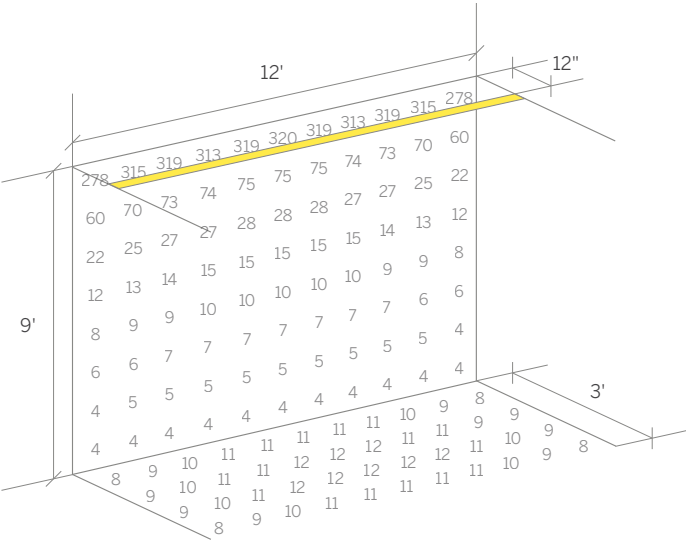
Offset
Typical Offset 12"
Optimum Offset 6-12"
Minimum Offset 2.5"



Z Cove
All Trim Options

Product Details

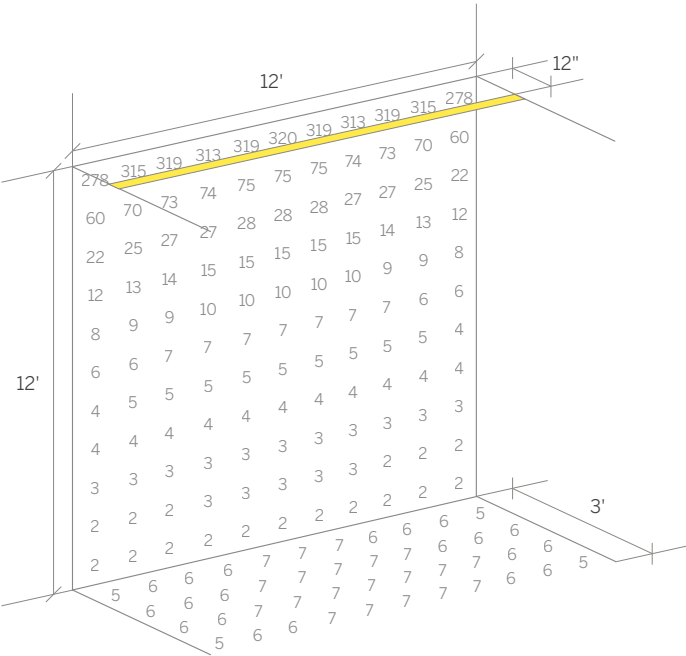
9' Ceiling, 12" Optimum Offset



These diagrams indicate light levels to be expected on the wall and floor when using these luminaire types at various distances from the wall.

This page shows what we feel are the optimal offsets for the ceiling heights as shown. The following page shows results at different offsets.

12' Ceiling, 12" Optimum Offset



Values in Foot Candles

Calculated on the following basis:


	Maintenance Factor	LED	Diffuser
Reflectances	1.0	897lm/ft*	Satin Clear
Ceiling 70%		3000 Kelvin	
Walls 50%		90 CRI	
Floor 20%			

*Lumen data correct at the time of print. Source lumens shown. For up to date lumen data refer to specsheet.

WG ZCF-RPT-S, WG ZCF-RBT-S, WG ZCF-RGT-S

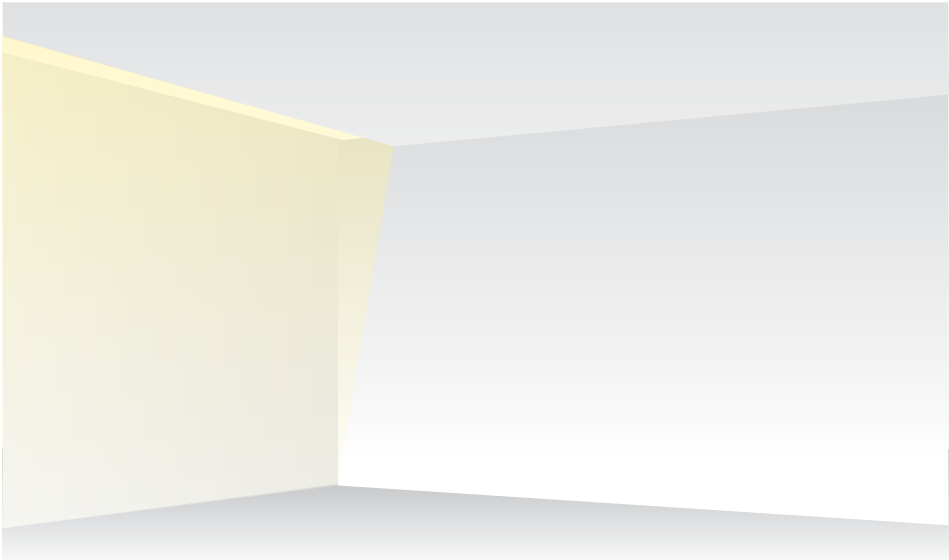
A perspective drawing of a rectangular prism with dimensions 12' (length), 9' (height), and 3' (width). The top face is divided into a grid of 12 columns and 9 rows of squares. The top edge of the prism is highlighted in yellow. The numbers 1 through 28 are distributed across the top face, with some numbers appearing in multiple squares. The numbers 1 through 12 are also visible on the front face of the prism.

Calculated on the following basis:

	Maintenance Factor	LED	Diffuser		Z Cove
Reflectances	1.0	897lm/ft*	Satin Clear		All Trim Options
Ceiling 70%		3000 Kelvin			
Walls 50%		90 CRI			Product Details
Floor 20%					

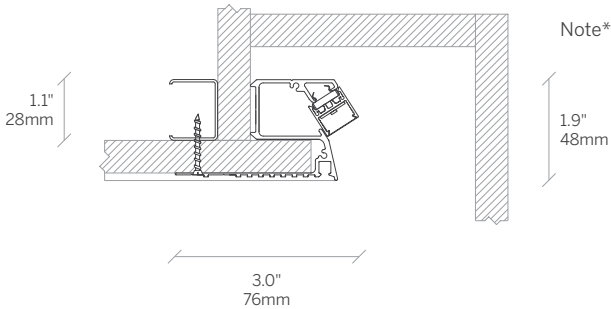
20 Mini Z Cove - Concealed Vertical Illumination

WG 20MZC-RPT

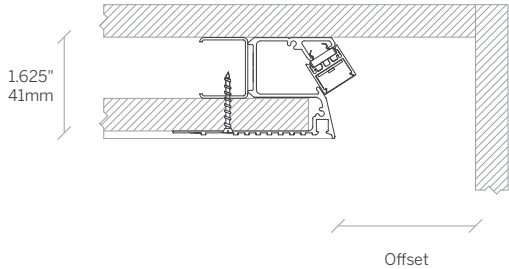


Mounting and Recommended Spacing

Option 1 Mounting to plenum structure only



Option 2 Mounting tight against ceiling structure

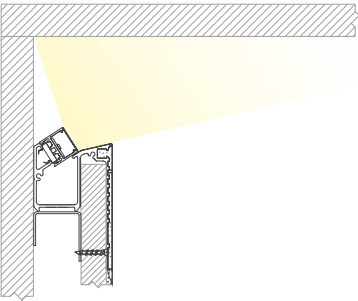


Note*
Paint out all internal surfaces of cove in matt white.

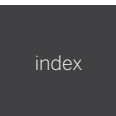
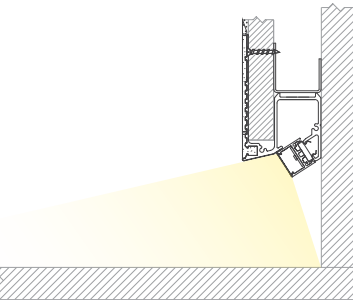
Offset
Typical Offset 6"
Optimum Offset 6-12"
Minimum Offset 2.5"

Alternative Mounting Options

Concealed ceiling wash from wall pocket



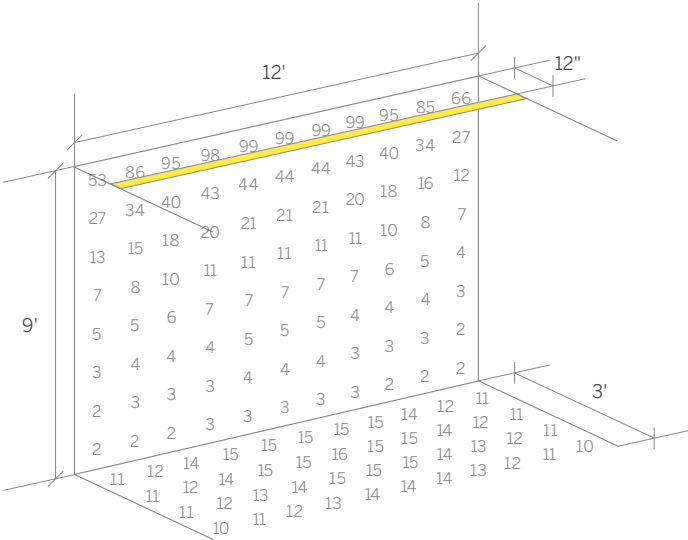
Concealed floor wash from wall pocket



20 Mini Z Cove
Plaster Trim

Product Details

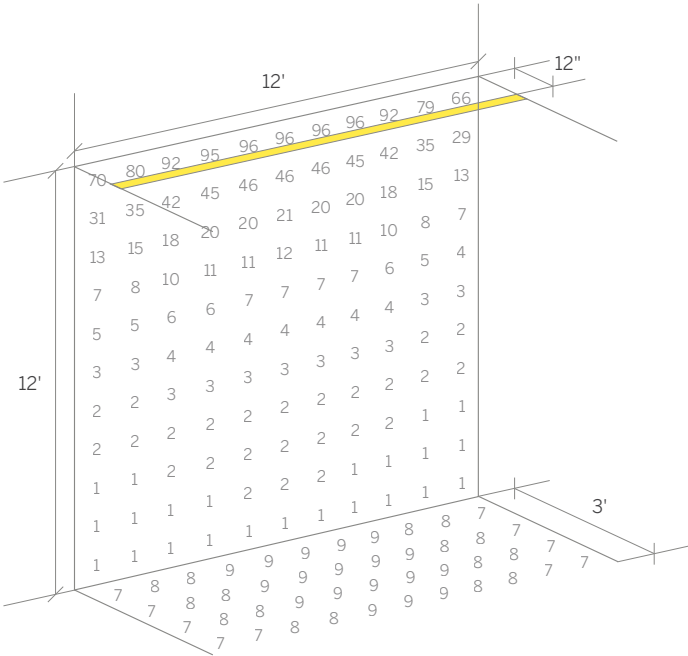
9' Ceiling, 12" Optimum Offset



These diagrams indicate light levels to be expected on the wall and floor when using these luminaire types at various distances from the wall.

This page shows what we feel are the optimal offsets for the ceiling heights as shown. The following page shows results at different offsets.

12' Ceiling, 12" Optimum Offset



Values in Foot Candles

Calculated on the following basis:

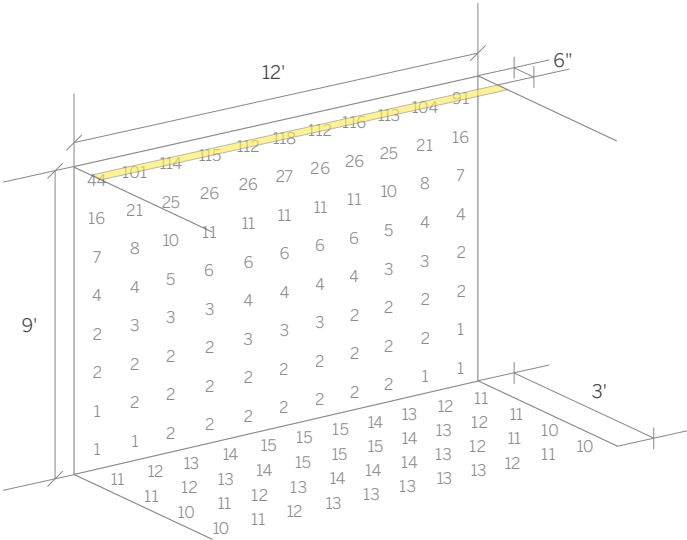
	Maintenance Factor	LED	Diffuser
Reflectances	1.0	579lm/ft*	Satin Clear
Ceiling 70%		3000 Kelvin	
Walls 50%		90 CRI	
Floor 20%			

*Lumen data correct at the time of print. Source lumens shown. For up to date lumen data refer to specsheet.

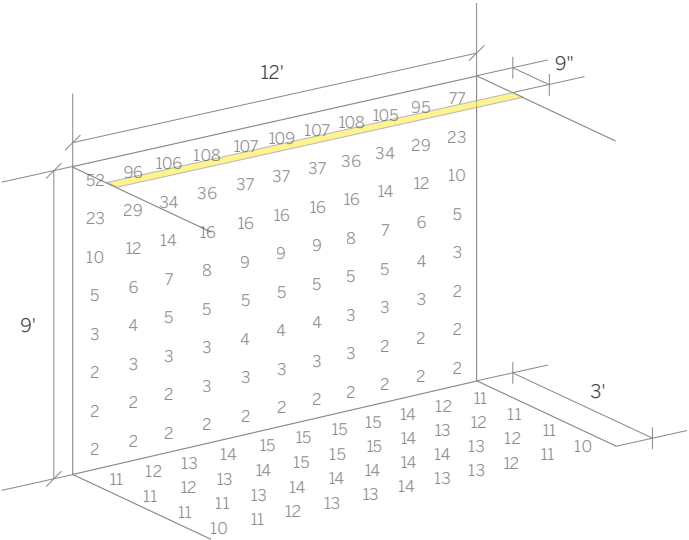
20 Mini Z Cove - Concealed Vertical Illumination

WG 20MZC-RPT

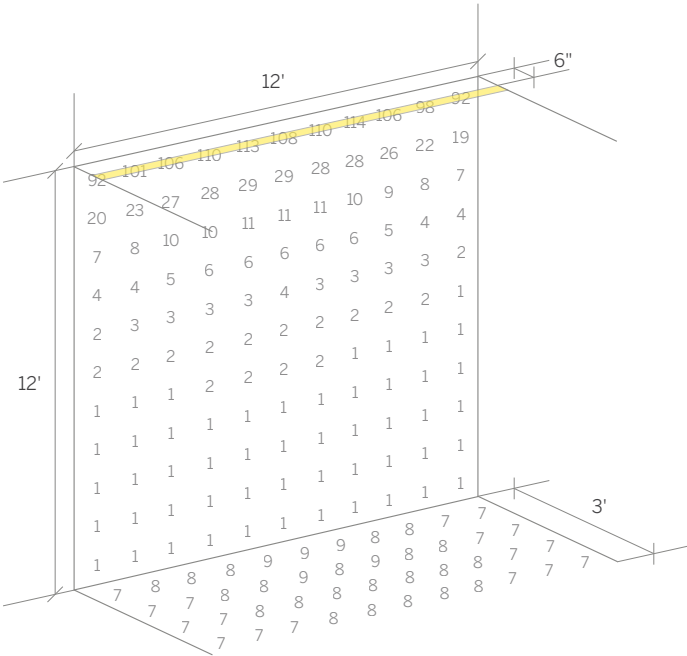
9' Ceiling, 6" Offset



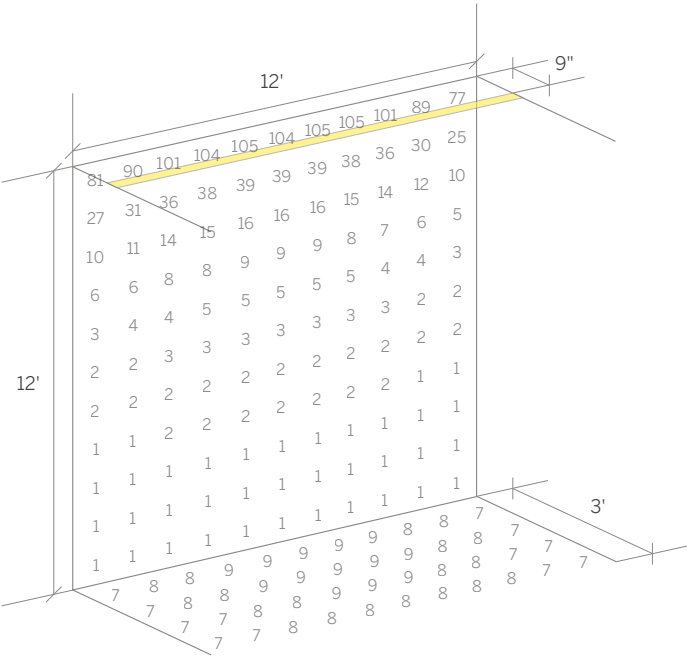
9' Ceiling, 9" Offset



12' Ceiling, 6" Offset



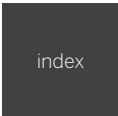
12' Ceiling, 9" Offset



Values in Foot Candles

Calculated on the following basis:

Reflectances	Maintenance Factor	LED	Diffuser
Ceiling 70%	1.0	579lm/ft*	Satin Clear
Walls 50%		3000 Kelvin	
Floor 20%		90 CRI	

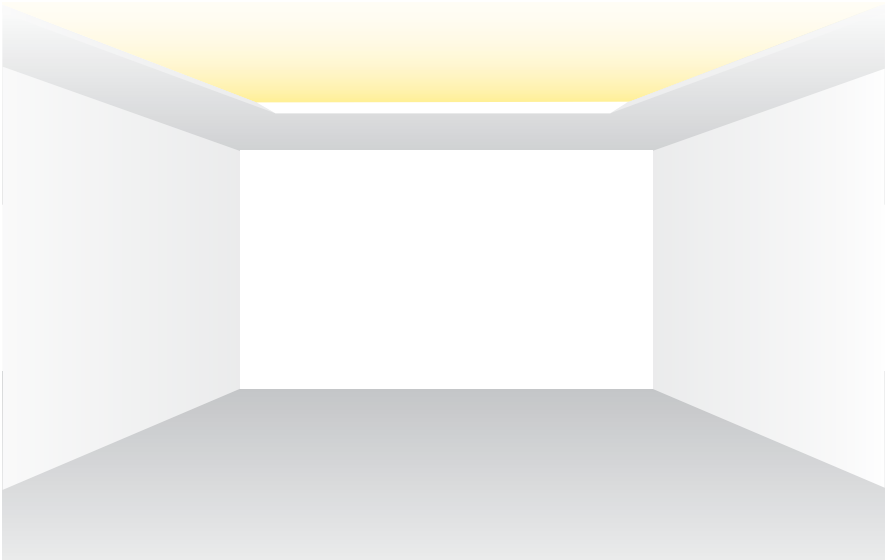


20 Mini Z Cove
Plaster Trim

Product Details

20 Mini Edgeless Cove - Coffe Application

WG 20MEC-RPT



A versatile luminaire suited to uplighting applications, producing plenty of even ambient light and lifting the ceiling for a fresh feel to the space.

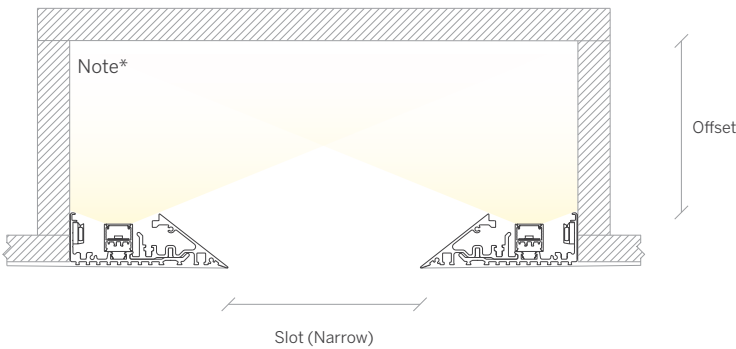
The leading edge rakes back to give the impression that the ceiling is an impossibly thin surface. The aluminum profile forms a perfectly crisp contrasting edge against the lit surface above.

Mounting Options

Option 1: Wide Coffe



Option 2: Narrow Slot



Note*
Paint out all internal surfaces of cove in matt white.

Offset
Typical Offset 12"
Optimum Offset 24"
Minimum Offset 6"

index	20 Mini Edgeless Cove
	Plaster Trim
	Product Details

These light maps show expected light levels across a room of the size indicated with a coffered ceiling detail providing indirect ambient light, created with the Mini Edgeless Cove luminaire.

The minimum, average and maximum light levels are called out for reference. Three ceiling heights are given for each scenario.

- Average Light Level
- Minimum Light Level
- Maximum Light Level

9' ceiling height

11	14	18	19	18	15	12
17	29	38	43	39	30	19
20	35	48	55	49	37	21
24	42	55	61	56	43	26
24	43	56	61	57	44	27
24	41	54	59	55	43	26
24	42	55	61	56	44	26
24	42	56	62	57	44	26
20	36	48	54	49	37	22
18	30	39	44	40	31	19
10	14	17	19	18	15	12

12' ceiling height

13	17	21	23	21	18	14
18	25	32	34	32	26	19
19	28	33	36	33	29	20
22	32	41	45	42	33	25
23	32	42	46	43	34	26
23	32	42	46	43	34	26
23	32	42	46	43	34	25
22	31	41	44	42	33	24
18	28	33	36	33	29	20
18	24	32	34	32	26	19
13	16	20	22	20	17	14

15' ceiling height

14	16	19	20	20	17	15
16	20	24	26	25	21	18
17	20	25	26	25	21	18
21	25	31	33	32	27	23
22	27	33	35	33	28	24
22	27	33	35	34	28	24
22	27	33	35	34	28	24
20	25	30	32	31	26	22
17	20	25	26	25	21	19
17	20	25	26	25	21	18
14	16	20	21	20	17	15

Room scenario 1

General lighting – Large single coffer

Room size 30' x 18'

Coffer dimensions 20' x 10'

Calculation results taken at task level.

9' ceiling height

23	25	28	29	29	26	25
42	50	57	59	59	52	45
53	65	76	80	77	69	58
63	78	90	95	92	82	68
69	82	97	101	98	86	73
69	83	96	100	97	87	73
66	79	93	97	95	83	71
62	76	86	91	88	80	67
52	64	74	77	75	67	57
43	51	58	60	60	53	46
23	24	28	29	29	26	25

12' ceiling height

25	26	30	30	30	27	27
39	40	48	48	51	42	40
42	44	52	52	54	46	45
54	57	67	67	68	60	56
57	61	72	72	74	64	59
58	61	73	73	75	64	62
58	61	72	72	74	64	60
53	56	66	67	68	59	55
42	44	52	52	53	46	45
39	41	48	48	50	43	41
25	26	29	30	30	27	27

15' ceiling height

26	27	30	30	31	28	28
32	33	38	38	39	34	34
33	33	39	39	39	35	34
43	44	51	51	52	45	45
47	48	55	55	56	49	48
46	47	55	55	56	49	48
46	46	54	54	55	48	47
42	42	49	49	50	44	43
34	34	40	40	41	36	35
33	34	39	39	40	35	35
26	26	30	30	30	27	27

Room scenario 2

General lighting – Triple coffer

Room size 30' x 12'

Coffer dimensions 3x 9' x 5'

Calculation results taken at task level.

9' ceiling height

15	17	17	16
31	38	39	33
45	57	57	47
54	68	69	56
55	70	71	59
55	70	70	58
55	70	71	58
54	68	69	56
46	57	58	48
31	38	39	33
15	17	17	16

12' ceiling height

15	17	17	15
25	29	29	25
32	35	35	33
37	44	44	37
39	45	46	39
40	46	46	40
39	45	46	39
37	44	44	37
32	35	36	33
24	29	29	25
14	17	17	15

15' ceiling height

14	16	16	14
20	22	22	20
23	25	25	23
27	31	31	28
29	32	33	29
30	33	33	29
29	33	33	29
27	30	31	27
23	25	25	23
20	22	22	20
14	16	16	14

Room scenario 3

Corridor – Single linear coffer

Room size 30' x 8'

Coffer dimensions 20' x 4'

Calculation results taken at task level.

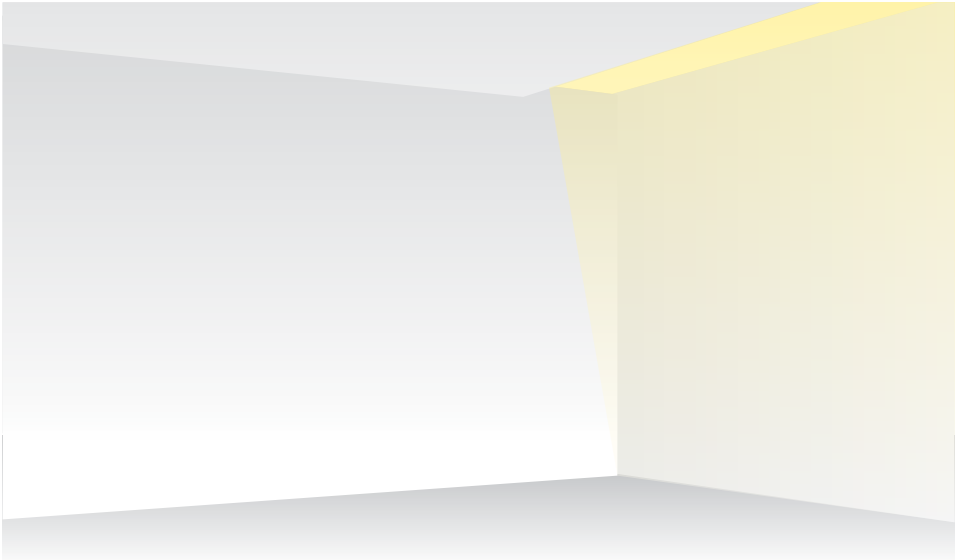
Calculated on the following basis:

	Maintenance Factor	LED	Diffuser
Reflectances	1.0	579lm/ft*	Satin Clear
Ceiling 70%		3000 Kelvin	
Walls 50%		90 CRI	
Floor 20%			

Values in Foot Candles

20 Mini Edgeless Cove - Perimeter Reveal Application

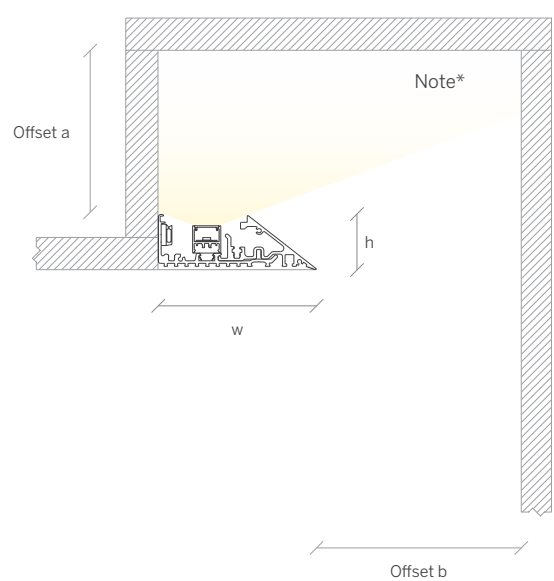
WG 20MEC-RPT



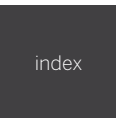
The Mini Edgeless Cove is a versatile knife edge profile luminaire which can be used to create perimeter light pockets. Ideal for larger perimeter recesses, mid room level changes, or vertical wall junctions and other surface articulations.

The aluminum mounting profile is exceptionally shallow and requires no recess depth within the mounting surface. The leading edge of the profile creates a crisp finish to the detail and the mounting surface, with the light source concealed behind from all viewing angles.

Mounting and Recommended Spacing



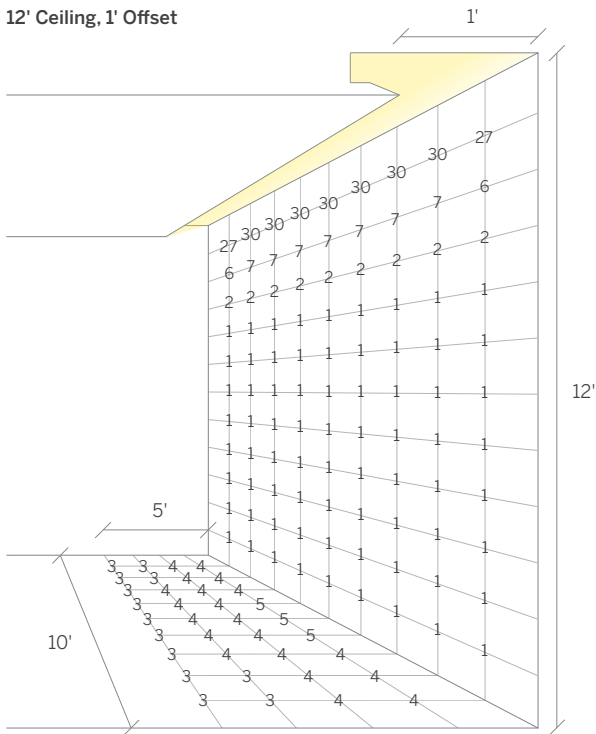
- Note***
Paint out all internal surfaces of cove in matt white.
- Offset a**
Typical Offset 12"
Optimum Offset 24"
Minimum Offset 6"
- Offset b**
Recommended Offset 12"-36"
Minimum Offset 6"
Optimum Offset 36"
- Dimensions**
w = 3.7" (94mm)
h = 1.3" (33mm)



20 Mini Edgeless Cove
Plaster Trim

Product Details

12' Ceiling, 1' Offset



Calculated on the following basis:

Reflectances

Ceiling 70%
Walls 50%
Floor 20%

Maintenance factor

1.0

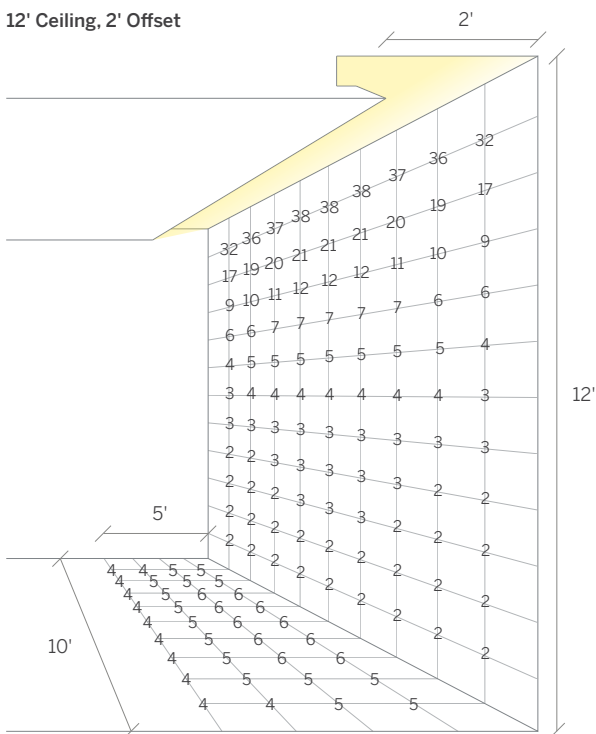
LED

579lm/ft*
3000 Kelvin
90 CRI

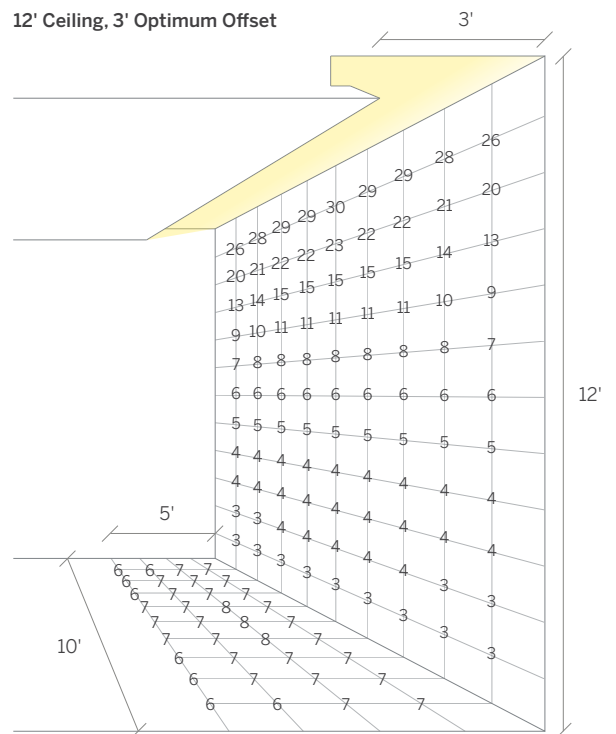
Diffuser

Satin Clear

12' Ceiling, 2' Offset



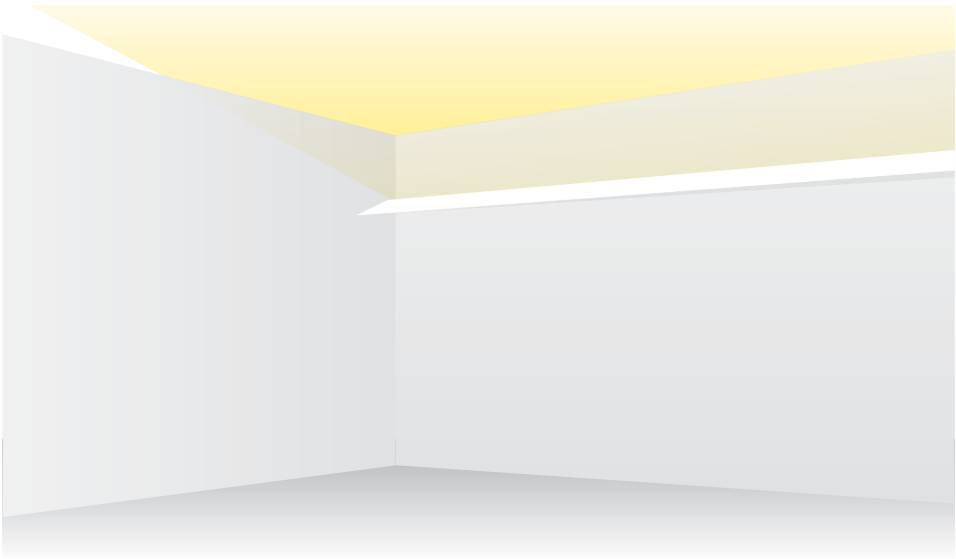
12' Ceiling, 3' Optimum Offset



Values in Foot Candles

20 Mini Edgeless Cove - Indirect/Uplighting

WG 20MEC-RPT



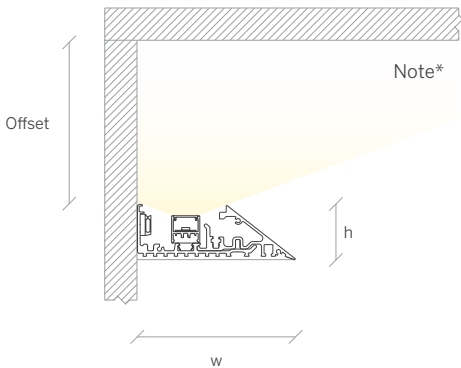
A versatile luminaire suited to uplighting applications, producing plenty of even ambient light and lifting the ceiling for a fresh feel to the space.

The leading edge rakes back to minimize the impression of the luminaire on the wall.

The aluminum profile forms a perfectly crisp contrasting edge against the lit surface above.

Mounting and Recommended Spacing

Wall Mounting



Note*

Paint out all internal surfaces of cove in matt white.

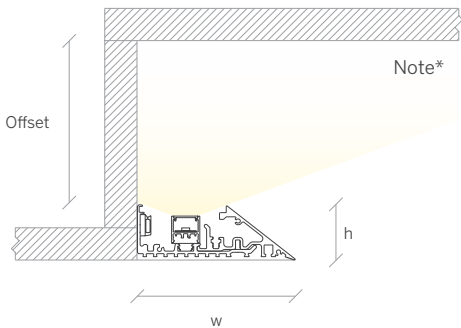
Offset

Typical Offset 12"
Optimum Offset 24"
Minimum Offset 4"

Dimensions

w = 3.7" (94mm)
h = 1.3" (33mm)

Ceiling Level Change (Coffer or Raft)



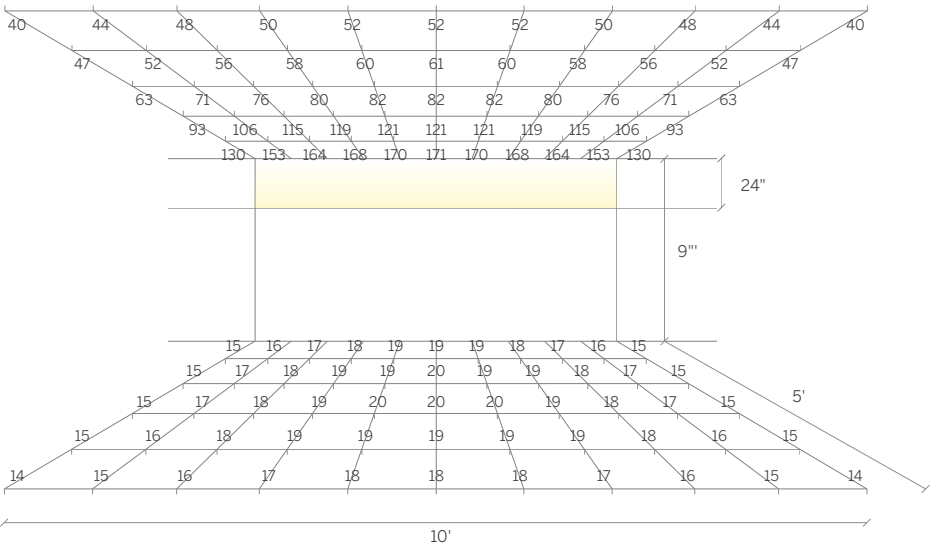
20 Mini Edgeless Cove Plaster Trim

index

Product Details

30

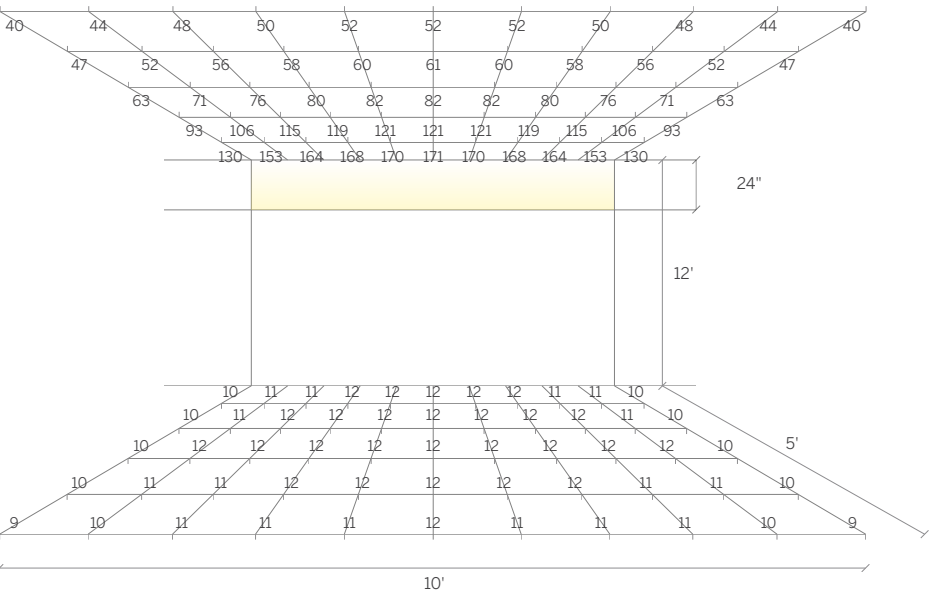
9' Ceiling, 24" Optimum Offset



The diagrams show the expected light level on the floor and ceiling adjacent to a cove mounting position at the distance from the ceiling indicated.

This page shows what we feel are the optimum offsets for the ceiling heights as shown. The following page shows results at different offsets.

12' Ceiling, 24" Optimum Offset



Values in Foot Candles

Calculated on the following basis:

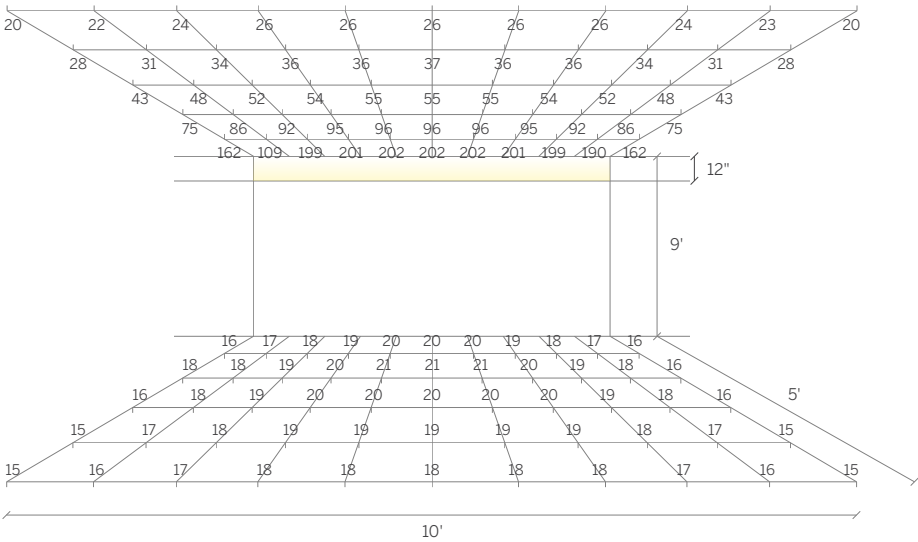
	Maintenance Factor	LED	Diffuser
Reflectances	1.0	579lm/ft*	Satin Clear
Ceiling 70%		3000 Kelvin	
Walls 50%		90 CRI	
Floor 20%			

*Lumen data correct at the time of print. Source lumens shown. For up to date lumen data refer to specsheet.

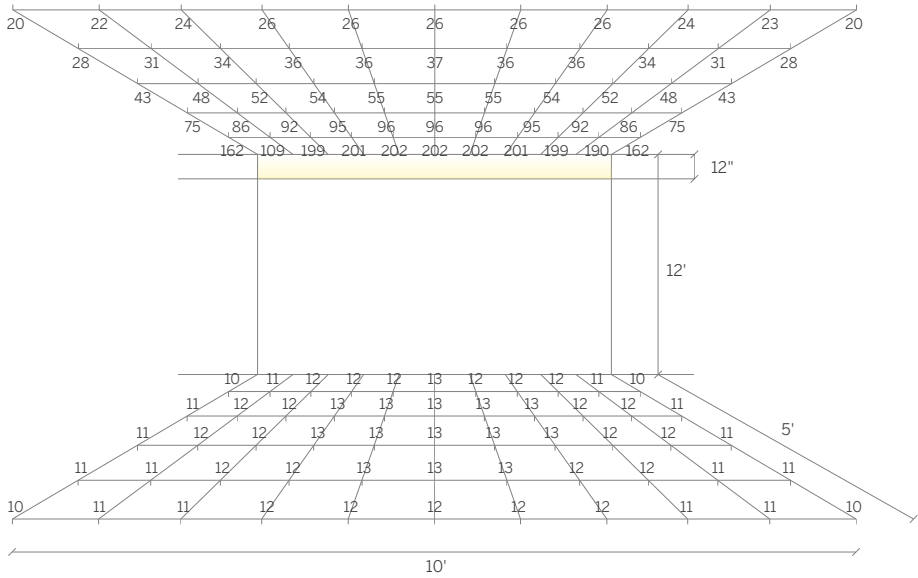
20 Mini Edgeless Cove - Indirect/Uplighting

WG 20MEC-RPT

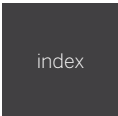
9' Ceiling, 12" Offset



12' Ceiling, 12" Offset



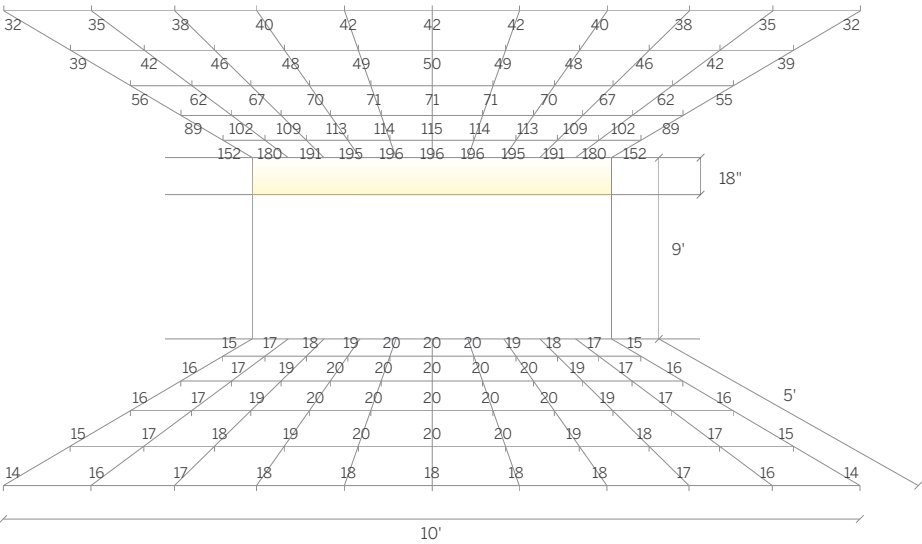
Values in Foot Candles



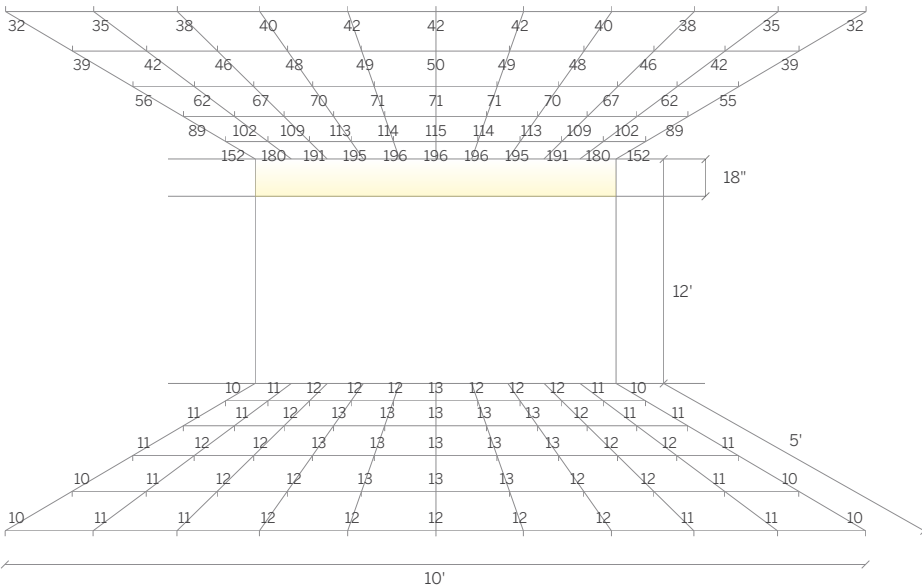
20 Mini Edgeless Cove
Plaster Trim

Product Details

9' Ceiling, 18" Offset



12' Ceiling, 18" Offset



Values in Foot Candles

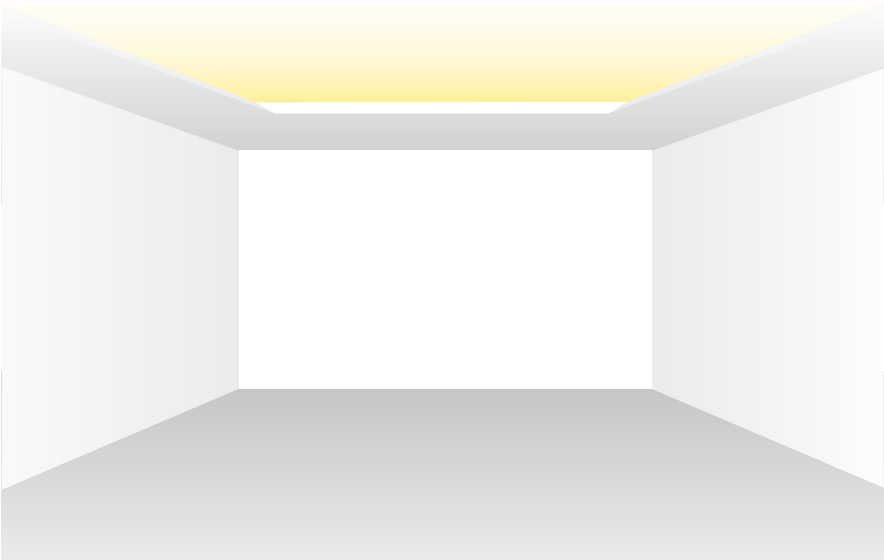
Calculated on the following basis:

	Maintenance Factor	LED	Diffuser
Reflectances	1.0	579lm/ft*	Satin Clear
Ceiling	70%	3000 Kelvin	
Walls	50%	90 CRI	
Floor	20%		

*Lumen data correct at the time of print. Source lumens shown. For up to date lumen data refer to specsheet.

Edgeless and Box Coves - Coffe Application

WG EC-RPT, WG MEC-RPT, WG BC-SM, WG MBC-SM



A versatile family of cove luminaires suited to uplighting applications, producing plenty of even ambient light and lifting the ceiling for a fresh feel to the space.

The Edgeless Coves have a leading edge which rakes back to minimize the impression of the luminaire. The Box Coves have a simple, minimal form factor allowing them to deliver light with the minimum visual impact.

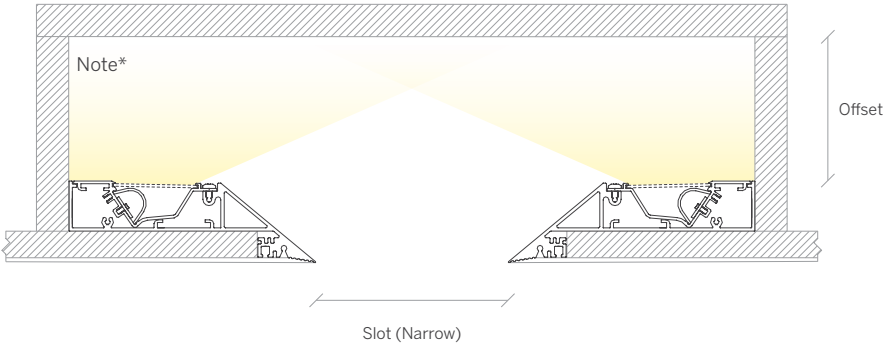
In both cases the aluminum profile forms a perfectly crisp contrasting edge against the lit surface above.

Mounting Options Shown Using Mini Edgeless Cove

Option 1: Wide Coffe



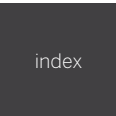
Option 2: Narrow Slot



Note*
Paint out all internal surfaces of cove in matt white.

Offset
Typical Offset 12"
Optimum Offset 24"
Minimum Offset 6"

Edgeless Cove Plaster Trim	
Product Details	20
Mini Edgeless Cove Plaster Trim	
Product Details	22
Box Cove Surface Mount	
Product Details	24
Mini Box Cove Surface Mount	
Product Details	28



These light maps show expected light levels across a room of the size indicated with a coffered ceiling detail providing indirect ambient light, created with the Mini Edgeless Cove luminaire.

The minimum, average and maximum light levels are called out for reference. Three ceiling heights are given for each scenario.

- Average Light Level
- Minimum Light Level
- Maximum Light Level

9' ceiling height

11	15	19	20	19	16	12
18	30	40	45	41	32	20
21	38	51	58	52	39	23
25	45	59	65	60	46	27
26	46	59	65	61	47	28
25	44	57	63	59	46	27
26	45	59	65	60	47	28
25	45	60	66	61	47	27
21	38	51	58	52	40	23
18	32	42	47	43	33	20
11	15	18	20	19	16	12

12' ceiling height

14	17	22	24	23	19	15
19	26	34	36	34	27	20
20	27	35	38	35	29	21
24	34	44	48	45	35	26
25	34	45	49	46	36	27
25	34	45	49	46	36	27
25	34	45	49	46	36	27
23	33	44	47	44	35	26
19	27	35	38	35	29	21
18	26	34	36	34	27	20
13	17	21	23	22	18	14

15' ceiling height

15	17	20	21	21	18	16
17	21	26	27	26	22	19
17	21	26	27	26	22	19
22	27	33	35	34	28	24
23	28	35	37	36	30	25
23	28	35	37	36	30	25
23	28	35	37	36	30	25
21	26	32	34	33	28	23
18	21	26	28	27	23	20
17	21	26	28	27	21	19
15	17	21	22	21	18	13

Room scenario 1

General lighting – Large single coffer

Room size 30' x 18'

Coffer dimensions 20' x 10'

Calculation results taken at task level.

9' ceiling height

24	26	30	31	31	28	27
45	53	61	63	63	55	48
57	70	81	85	83	74	62
68	84	96	101	98	88	73
73	88	104	108	105	92	78
74	89	103	107	104	93	79
71	85	100	104	102	89	76
67	81	92	97	94	85	71
56	68	79	82	80	72	61
46	54	62	65	64	56	49
24	26	30	31	31	27	26

12' ceiling height

26	28	32	32	32	29	29
41	43	51	51	53	45	43
45	46	55	55	57	49	48
57	61	71	72	73	64	60
61	65	77	77	79	68	63
62	65	78	78	80	69	66
62	66	77	77	79	69	64
57	60	71	71	73	63	59
45	47	55	55	57	49	48
42	43	52	51	53	45	43
26	28	31	32	32	29	28

15' ceiling height

28	29	32	32	33	29	29
34	35	41	41	41	36	36
35	35	41	41	42	37	37
46	46	54	54	55	48	48
50	51	59	59	60	53	52
49	50	58	59	59	52	51
49	50	58	58	59	51	50
44	45	52	52	54	47	46
36	36	42	42	43	38	38
35	36	42	42	43	37	37
27	28	31	31	32	29	28

Room scenario 2

General lighting – Triple coffer

Room size 30' x 12'

Coffer dimensions 3x 9' x 5'

Calculation results taken at task level.

9' ceiling height

16	18	18	16
33	41	41	35
48	60	61	50
58	73	74	60
60	74	75	62
59	74	75	62
60	74	75	62
57	72	73	60
49	61	62	52
33	40	40	34
16	18	18	16

12' ceiling height

15	17	17	16
26	31	31	26
32	37	37	32
39	47	47	39
41	48	49	42
42	49	50	43
41	48	49	42
39	47	47	39
32	38	38	32
26	30	31	26
15	17	17	16

15' ceiling height

15	17	17	15
21	23	23	21
24	27	27	24
29	33	33	29
31	34	35	31
32	35	35	31
31	35	35	31
29	32	33	29
24	27	27	24
21	23	23	21
15	17	17	15

Room scenario 3

Corridor – Single linear coffer

Room size 30' x 8'

Coffer dimensions 20' x 4'

Calculation results taken at task level.

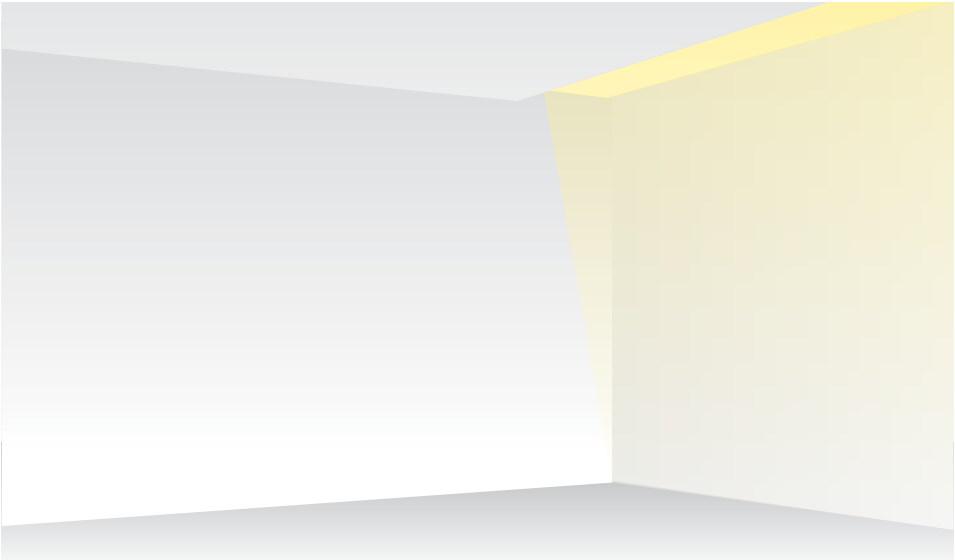
Calculated on the following basis:

	Maintenance Factor	LED	Diffuser
Reflectances	1.0	897lm/ft*	Snap in Satin
Ceiling 70%		3000 Kelvin	
Walls 50%		90 CRI	
Floor 20%			

Values in Foot Candles

Edgeless and Box Coves - Perimeter Reveal Application

WG EC-RPT, WG MEC-RPT, WG BC-RPT, WG MBC-RPT



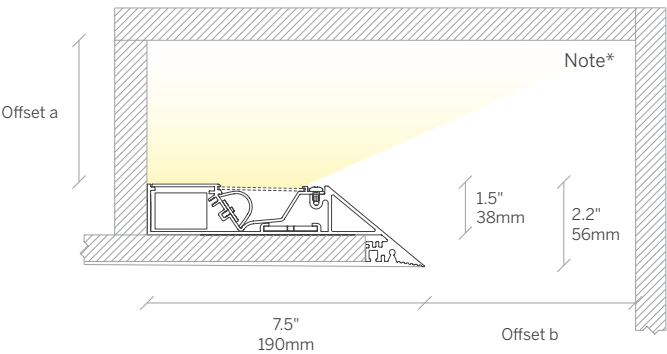
A versatile family of cove luminaires suited to uplighting applications, producing plenty of even ambient light and lifting the ceiling for a fresh feel to the space.

The Edgeless Coves have a leading edge which rakes back to minimize the impression of the luminaire. The Box Cove has a simple, minimal form factor allowing it to deliver light with the minimum visual impact.

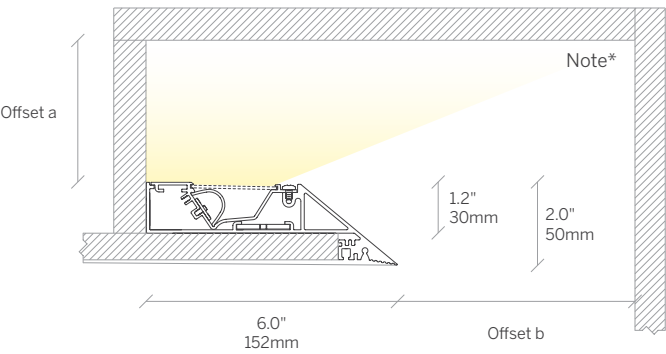
In both cases the aluminum profile forms a perfectly crisp contrasting edge against the lit surface above.

Mounting and Recommended Spacing

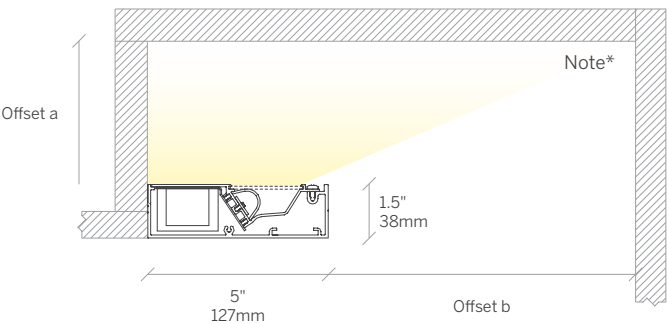
Edgeless Cove



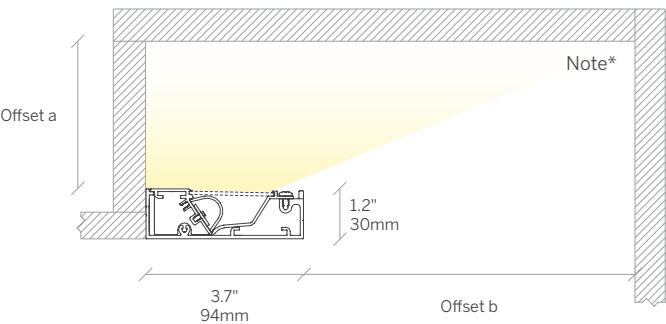
Mini Edgeless Cove



Box Cove



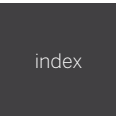
Mini Box Cove



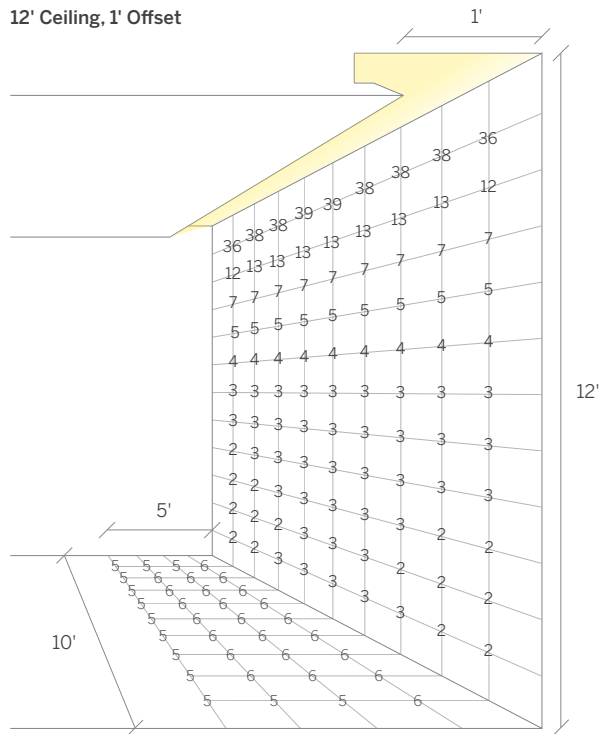
Note*
Paint out all internal surfaces of cove in matt white.

Offset a
Typical Offset 24"
Minimum Offset 6"

Offset b
Typical Offset 12"-36"
Minimum Offset 6"
Optimum Offset 36"



12' Ceiling, 1' Offset



Calculated on the following basis:

Reflectances

Ceiling 70%
Walls 50%
Floor 20%

Maintenance factor

1.0

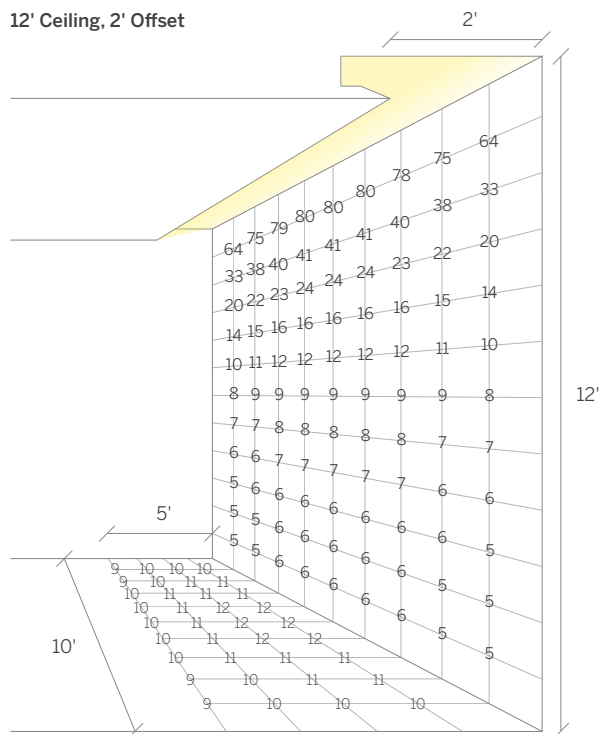
LED

897lm/ft*
3000 Kelvin
90 CRI

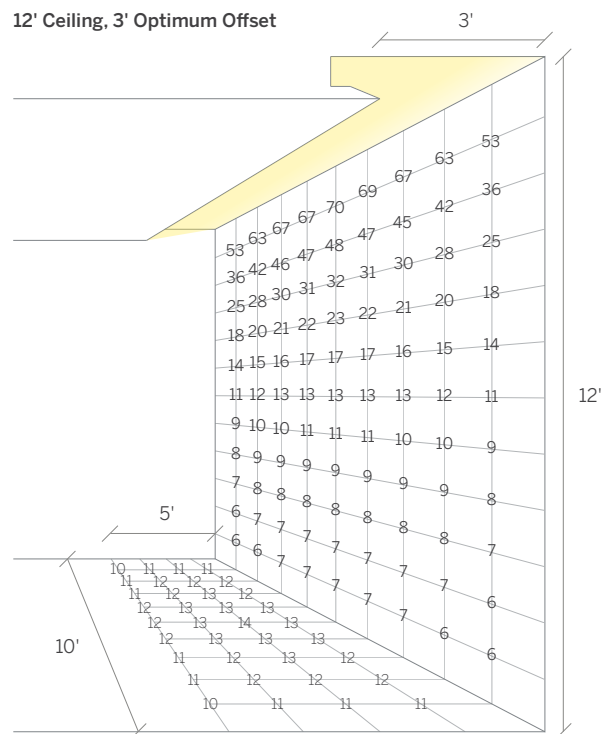
Diffuser

Snap in Satin

12' Ceiling, 2' Offset



12' Ceiling, 3' Optimum Offset



Values in Foot Candles

Edgeless Cove
Plaster Trim

Product Details

20

Mini Edgeless Cove
Plaster Trim

Product Details

22

Box Cove
Surface Mount

Product Details

24

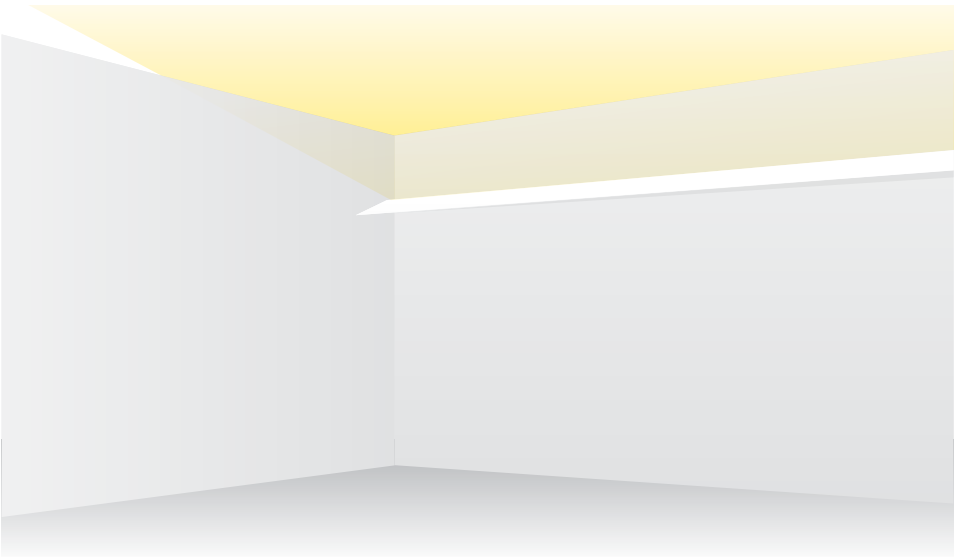
Mini Box Cove
Surface Mount

Product Details

28

Edgeless and Box Coves - Indirect/Uplighting

WG EC-RPT, WG MEC-RPT, WG BC-SM, WG MBC-SM



A family of luminaires suited to uplighting applications, producing plenty of even ambient light and lifting the ceiling for a fresh feel to the space.

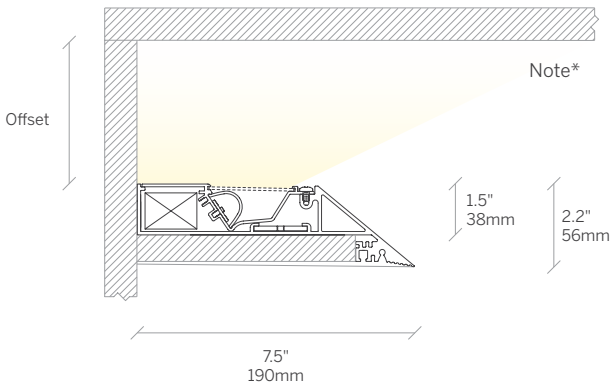
The Edgeless Coves have a leading edge which rakes back to minimize the impression of the luminaire.

The Box Cove has a simple, minimal form factor allowing it to deliver light with the minimum visual impact.

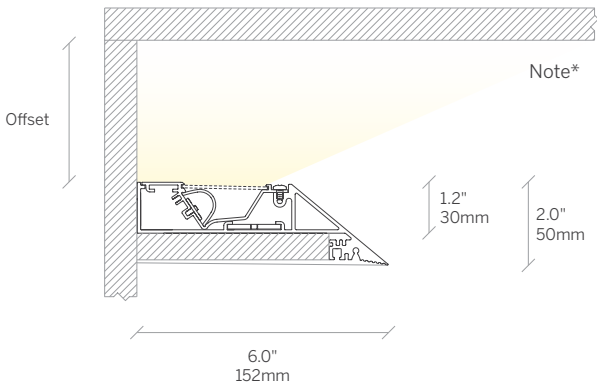
In both cases the aluminum profile forms a perfectly crisp contrasting edge against the lit surface above.

Mounting and Recommended Spacing

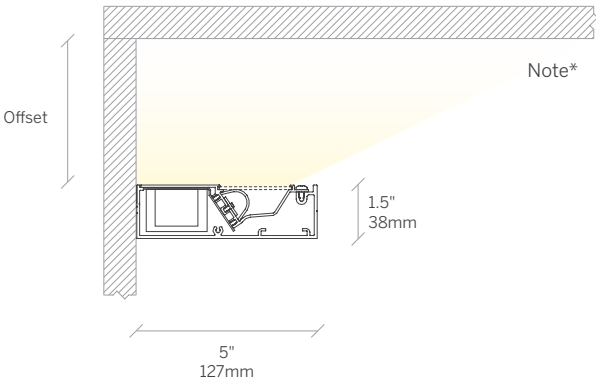
Edgeless Cove



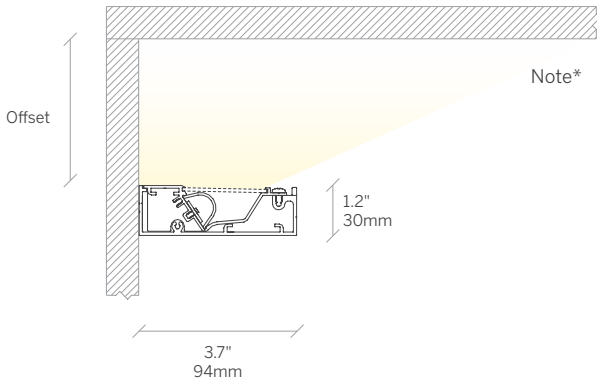
Mini Edgeless Cove



Box Cove

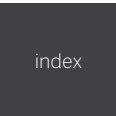


Mini Box Cove

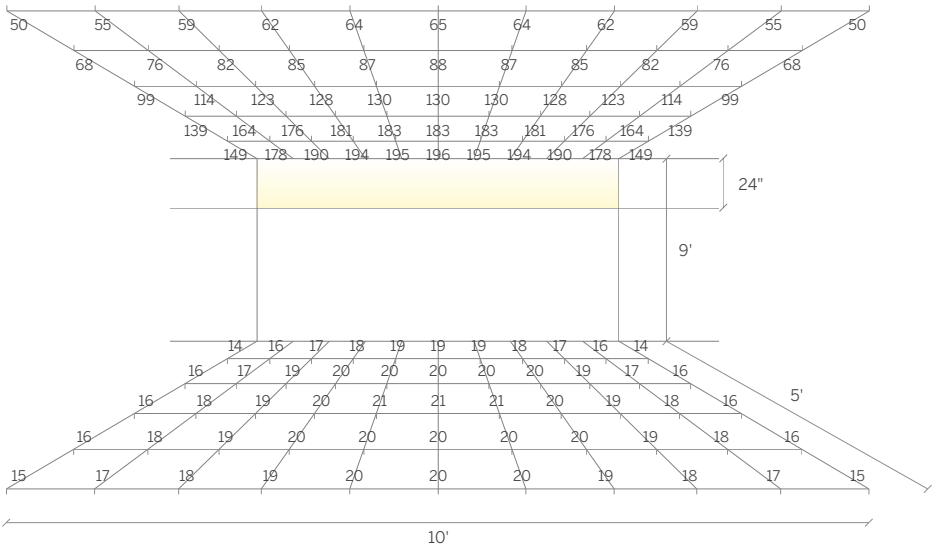


Note*
Paint out all internal surfaces of cove in matt white.

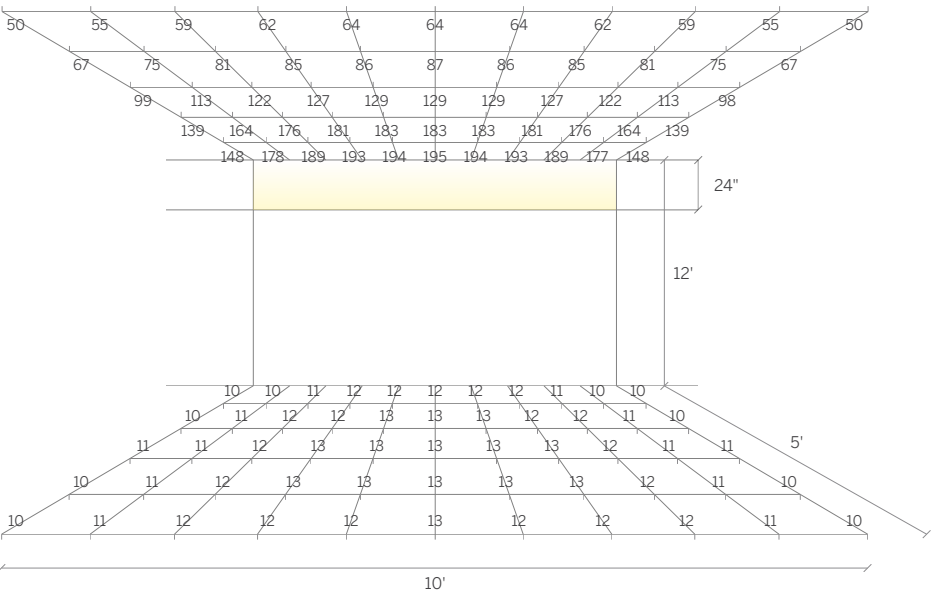
Offset
Typical Offset 12"
Minimum Offset 4"
Optimum Offset 24"



9' Ceiling, 24" Optimum Offset



12' Ceiling, 24" Optimum Offset



Values in Foot Candles

The diagrams show the expected light level on the floor and ceiling adjacent to a concealed cove mounting position at the distance from the ceiling indicated.

This page shows what we feel are the optimal offsets for the ceiling heights as shown. The following page shows results at different offsets.

Calculated on the following basis:

Reflectances

Ceiling 70%
Walls 50%
Floor 20%

Maintenance factor

1.0

LED

897lm/ft*
3000 Kelvin
90 CRI

Diffuser

Snap in Satin

Edgeless Cove
Plaster Trim

Product Details

20

Mini Edgeless Cove
Plaster Trim

Product Details

22

Box Cove
Surface Mount

Product Details

24

Mini Box Cove
Surface Mount

Product Details

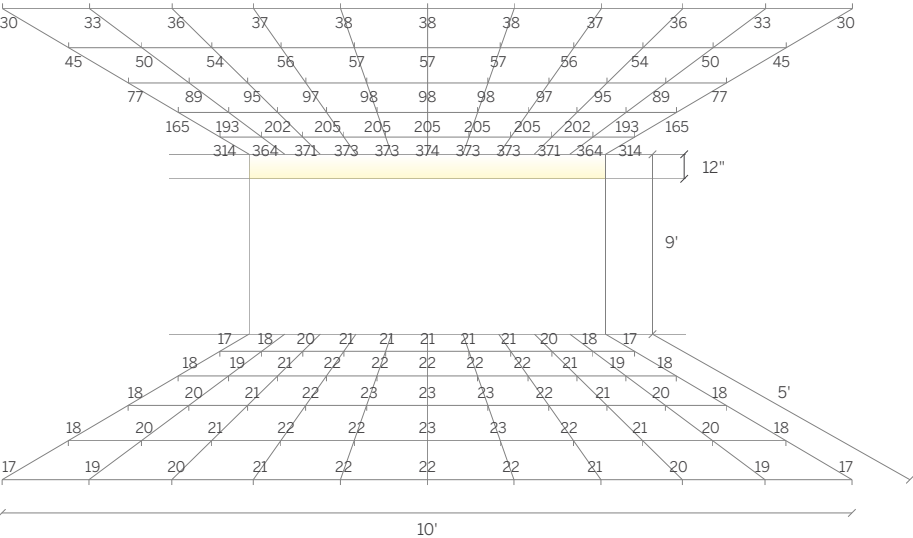
28

*Lumen data correct at the time of print. Source lumens shown. For up to date lumen data refer to specsheet.

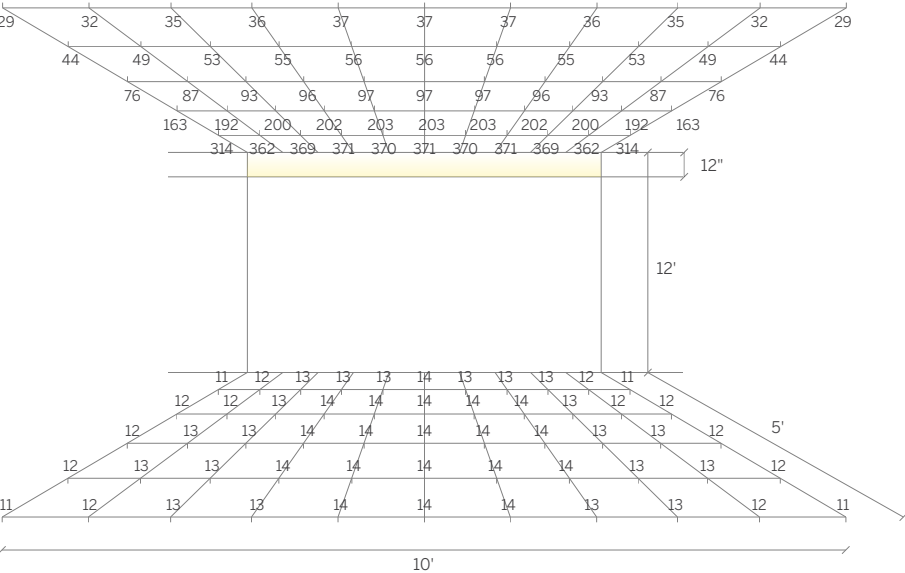
Edgeless and Box Coves - Indirect/Uplighting

WG EC-RPT, WG MEC-RPT, WG BC-SM, WG MBC-SM

9' Ceiling, 12" Offset



12' Ceiling, 12" Offset

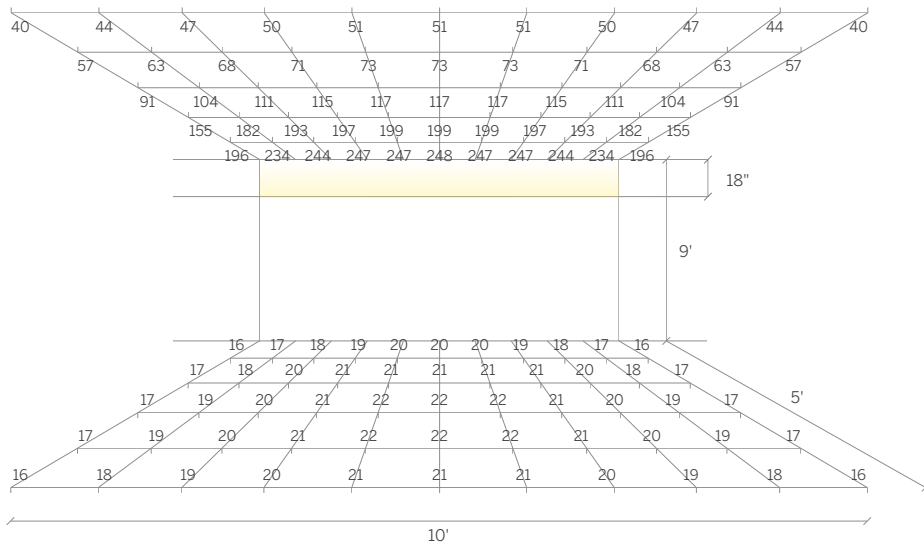


Values in Foot Candles

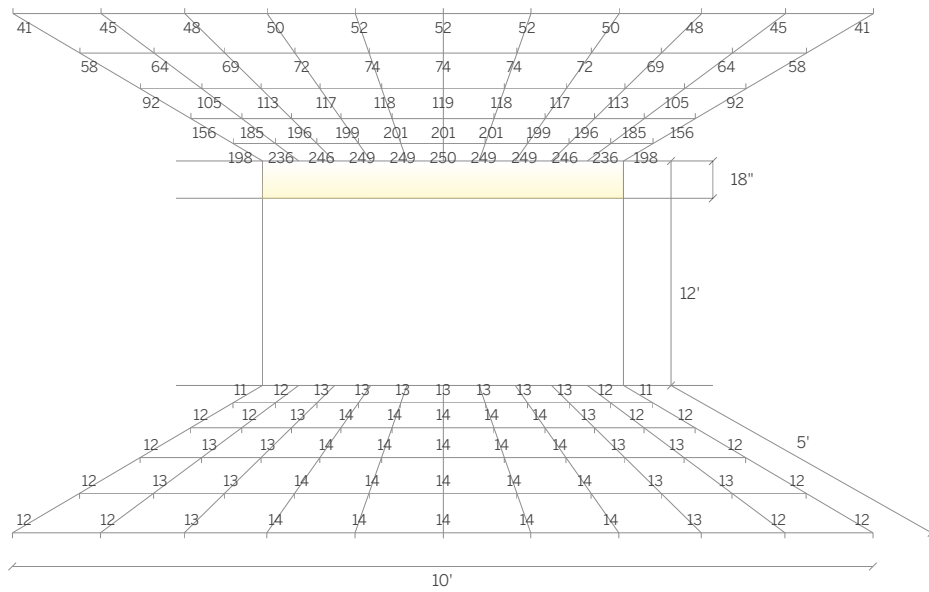
Calculated on the following basis:

Reflectances	Maintenance Factor	LED	Diffuser
Ceiling 70%	1.0	897lm/ft*	Snap in Satin
Walls 50%		3000 Kelvin	
Floor 20%		90 CRI	

9' Ceiling, 18" Offset



12' Ceiling, 18" Offset



Values in Foot Candles

Edgeless Cove
Plaster Trim

Product Details

20

Mini Edgeless Cove
Plaster Trim

Product Details

22

Box Cove
Surface Mount

Product Details

24

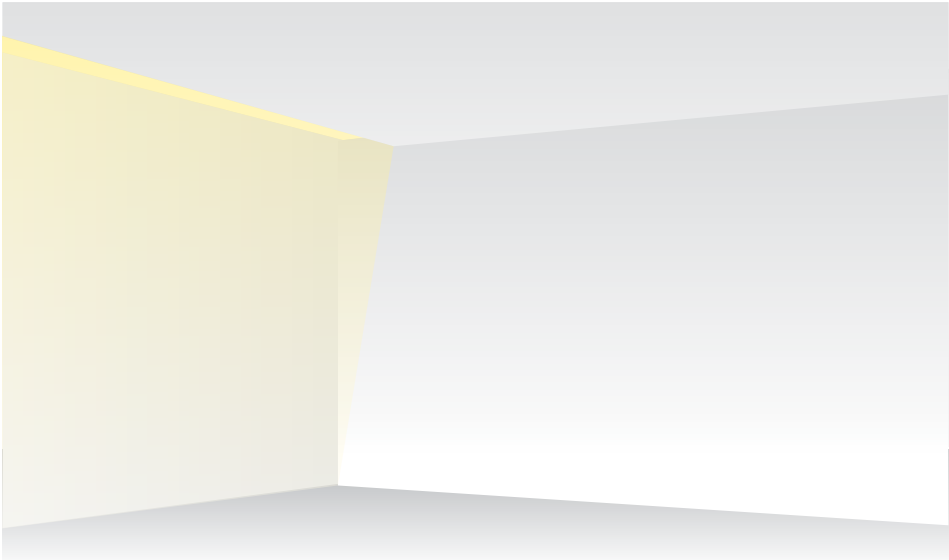
Mini Box Cove
Surface Mount

Product Details

28

V Cove - Concealed Vertical Illumination

WG VBC-RPT, WG VBC-RBT



The V Cove is a perimeter slot luminaire which delivers light down the surface of the wall from a minimal slot width.

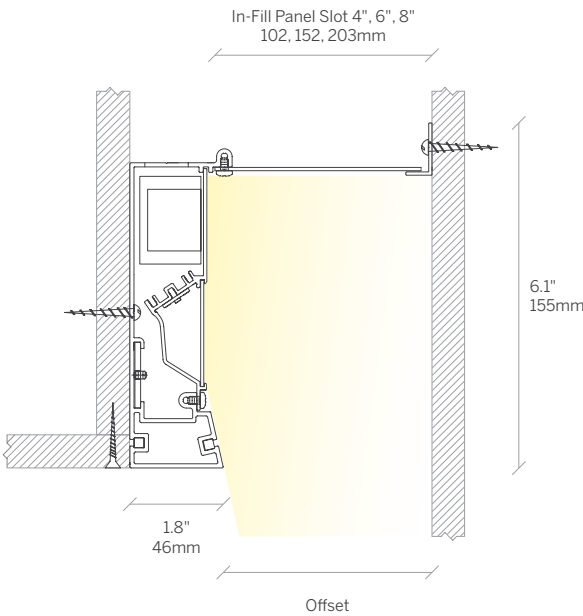
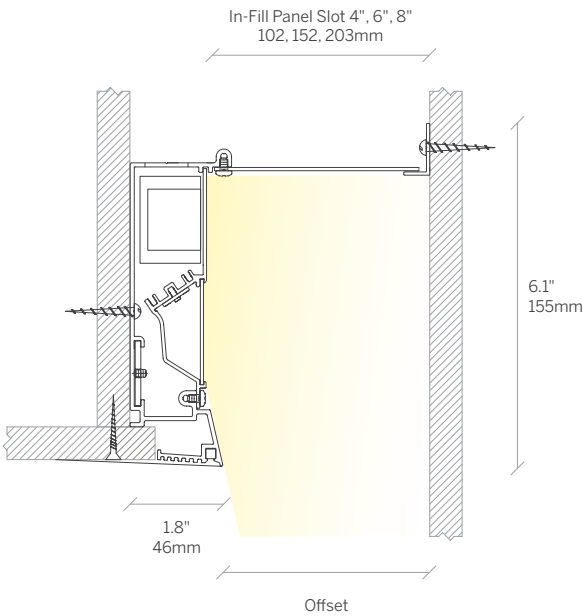
The leading edge of the profile creates a super crisp finish to the detail and the ceiling, concealing the luminaire in the pocket above.

This luminaire is ideal for creating a focal wall within a space, delivering a strong, evenly graduated wash of light from a relatively small aperture. It is worth noting that it can also be used in other orientations.

Mounting and Recommended Spacing

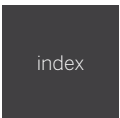
Option 1 Plaster Trim

Option 2 Bezel Trim



Note*
Paint out all internal surfaces of cove in matt white.

Offset
Typical Offset 6"
Optimum Offset 10"
Minimum Offset 4"



Vertical Cove
Plaster Trim, Bezel Trim

Product Details

A perspective drawing of a rectangular prism with dimensions 9' x 12' x 3'. The top face is labeled with numbers from 77 to 189. A yellow highlight is drawn along the top edge of the front face.

This page shows what we feel are the optimum offsets for the ceiling heights as shown.

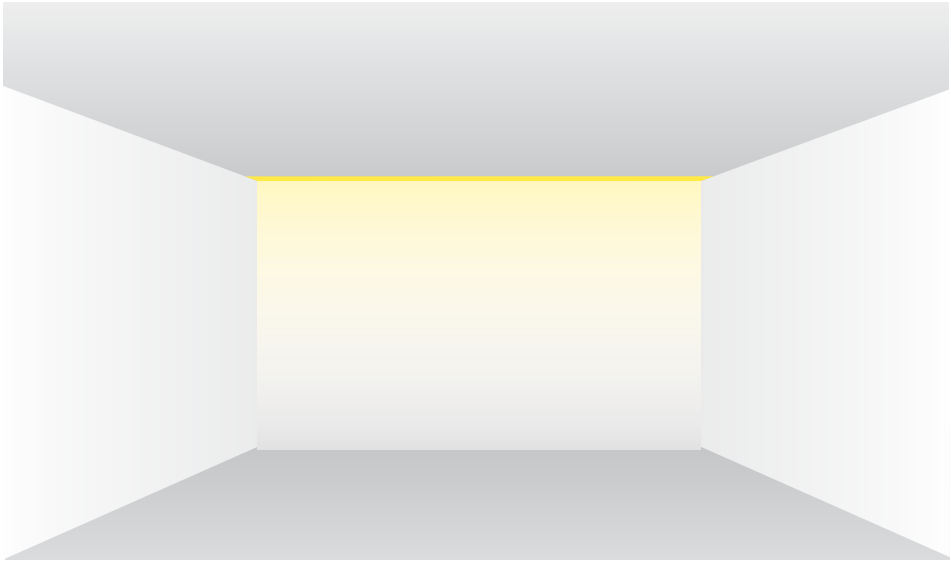
Figure 1: A perspective drawing of a rectangular building. The drawing includes dimensions: 12' for the height, 12' for the width of the front facade, and 10' for the depth. A yellow highlight is on the top edge of the front facade. The drawing is labeled 'Figure 1'.

Calculated on the following basis:

*Lumen data correct at the time of print. Source lumens shown. For up to date lumen data refer to specs sheet.

20 Linear Perimeter Flush

WG 20LPF-RPT, WG 20LPF-RBT, WG 20LPF-RRT, WG 20LPF-RGT

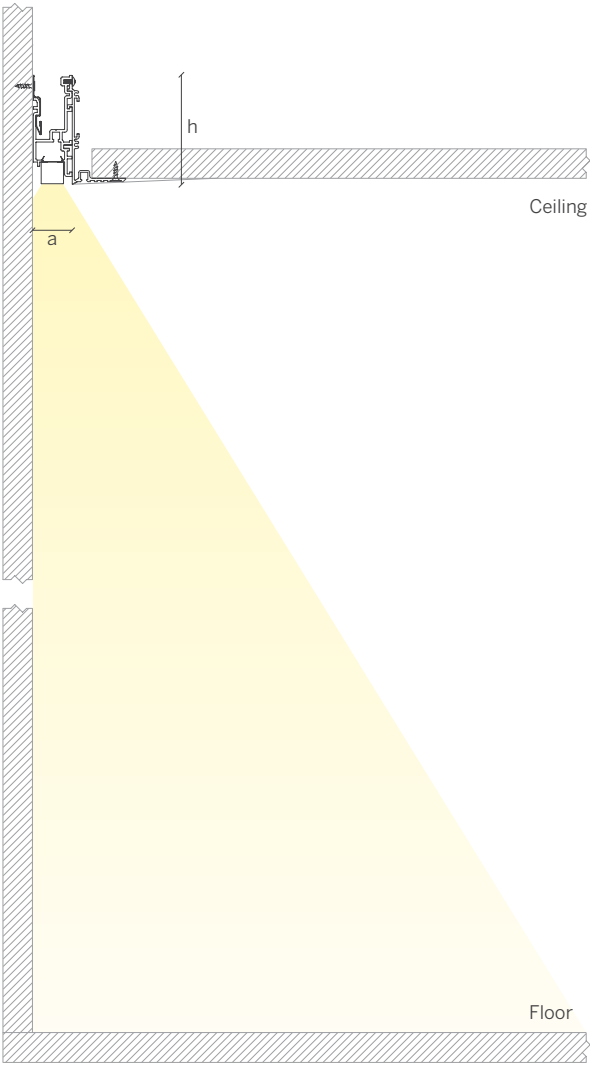


The 20 Linear Perimeter Flush is a perimeter pocket system with a flush mounted light source for continuous illumination of adjacent surfaces, available in any length, and with various mounting trims, to fully integrate with the architecture.

It can be used for general illumination, or to illuminate and/or highlight specific surfaces, defining architectural elements, or aiding wayfinding through spaces.

Typically specified with a Satin Opal Diffuser to ensure a homogeneously illuminated lens, completely free from shadows or bright spots.

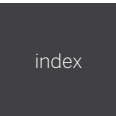
Mounting and Recommended Spacing



Plaster Trim Mounting shown in diagram

20 Linear Perimeter Flush Dimensions
(regardless of mounting)

a = 1.2" (30mm)
h = 3.3" (83mm)

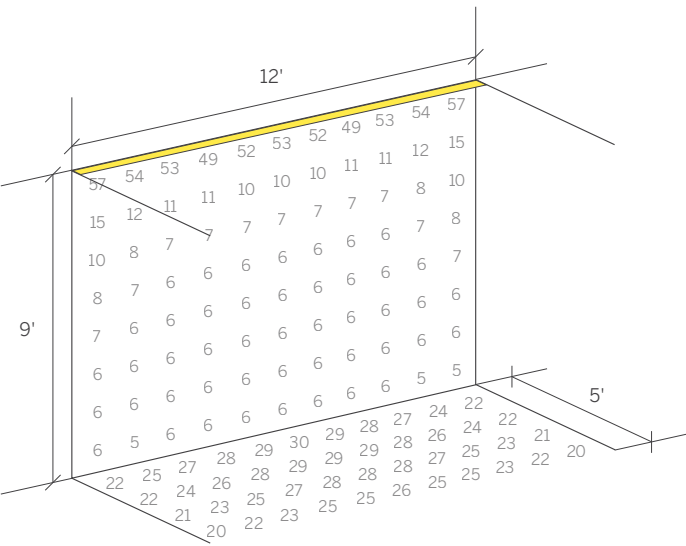


20 Linear Perimeter
All Trim Options

Product Details

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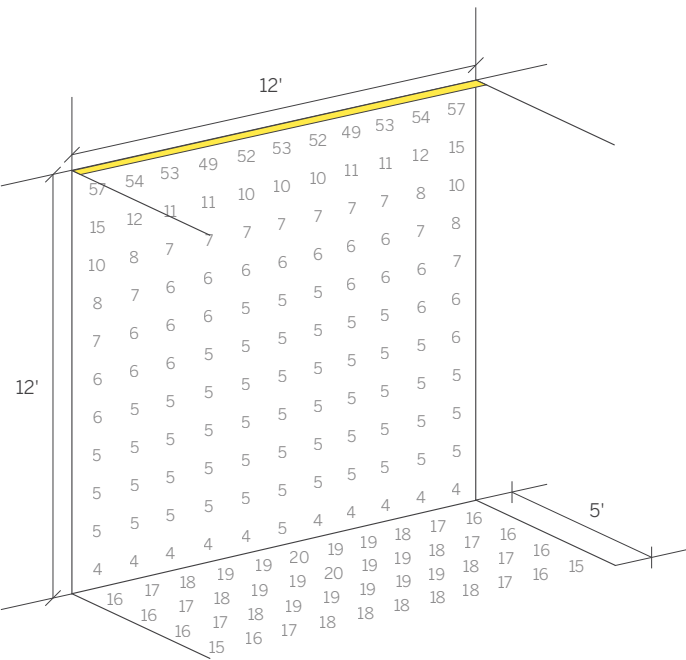
9' Ceiling



These diagrams indicate light levels to be expected on the wall and floor when using these luminaire types at various distances from the wall.

Values shown were calculated using Satin Opal Diffuser

12' Ceiling



Values in Foot Candles

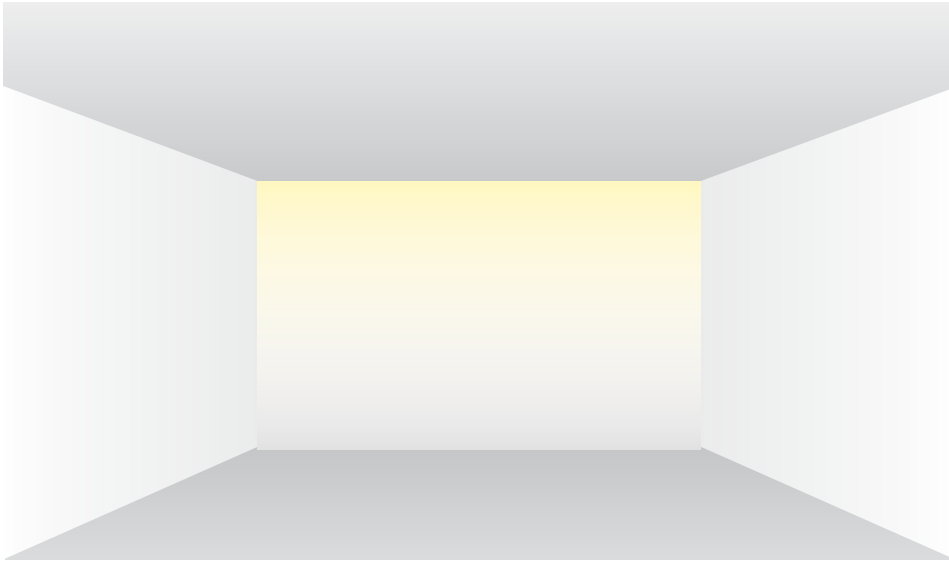
Calculated on the following basis:

Reflectances	Maintenance Factor	LED	Diffuser
Ceiling 70%	1.0	579lm/ft*	Satin Opal
Walls 50%			
Floor 20%			

*Lumen data correct at the time of print. Source lumens shown. For up to date lumen data refer to specsheet.

20 Linear Perimeter Regressed

WG 20LPR-RPT, WG 20LPR-RBT, WG 20LPR-RRT, WG 20LPR-RGT



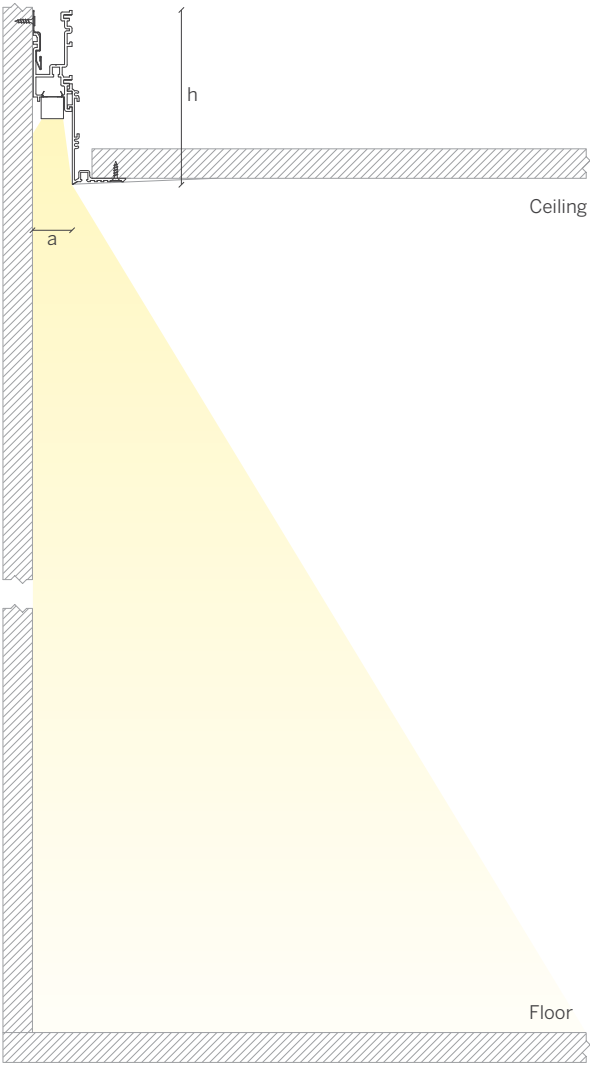
The 20 Linear Perimeter Regressed is a perimeter pocket system with a deep regressed light source for continuous illumination of adjacent surfaces, available in any length, and with various mounting trims and optical accessories, to fully integrate with the architecture.

It can be used for general illumination, or to illuminate and or highlight specific surfaces, defining architectural elements, or aiding wayfinding through spaces.

Consider specifying with optical accessories, such as the Narrow Lens (for grazing) or the Linear Louver for complete glare control and full shielding of the light source from most angles.

The luminaire is deep regressed within the housing, so if you need more light, specify with high power LEDs and a Satin Clear Diffuser.

Mounting and Recommended Spacing



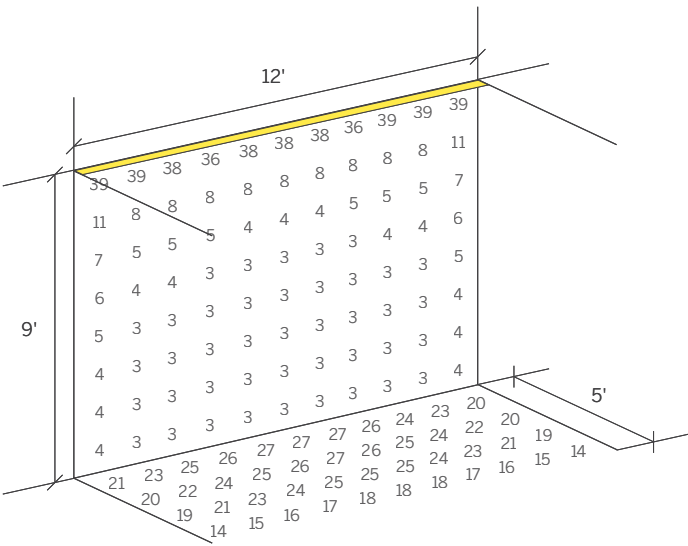
Plaster Trim Mounting shown in diagram

20 Linear Perimeter Regressed Dimensions
(regardless of mounting)

a = 1.2" (30mm)
h = 5.2" (132mm)
Regress Depth 2.0" (50mm)

20 Linear Perimeter Regressed All Trim Options		
index	Product Details	50-53

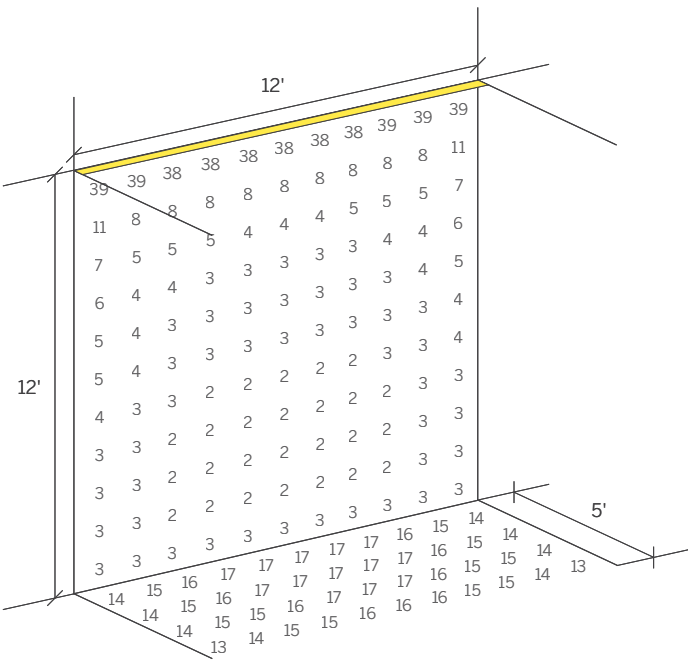
9' Ceiling



These diagrams indicate light levels to be expected on the wall and floor when using these luminaire types at various distances from the wall.

Values shown were calculated using Satin Opal Diffuser

12' Ceiling



Values in Foot Candles

Calculated on the following basis:

Reflectances	Maintenance Factor	LED	Diffuser
Ceiling 70%	1.0	579lm/ft*	Satin Opal
Walls 50%			
Floor 20%			

*Lumen data correct at the time of print. Source lumens shown. For up to date lumen data refer to specsheet.

Photo credits

inside cover - page 1

project	Carb
location	Washington, DC
architect	Alliance Architecture
lighting design	MCLA
photography	Robert Benson

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project	Corporate HQ
location	Lehi, Utah
architect	Gensler
photography	Ryan Gobuty

page 4

project	Corporate HQ
location	Lehi, Utah
architect	Gensler
photography	Ryan Gobuty

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project	Venable LLP
location	Washington, DC
architect	Alliance Architecture
lighting design	MCLA
photography	Eric Laignel

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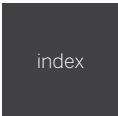
project	The Core, Eden Project
location	Cornwall, UK
architect	Grimshaw Architects
lighting design	Mindseye
photography	Andy Spain

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project	Rockville Town Center
location	Rockville, MD
architect	R2L:Architects, PLLC
photography	Steve Lerum, Inter-lux

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project	Senova Dental Practice
location	London, UK
architect	FLACQ Architects
photography	Andy Spain





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.