

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





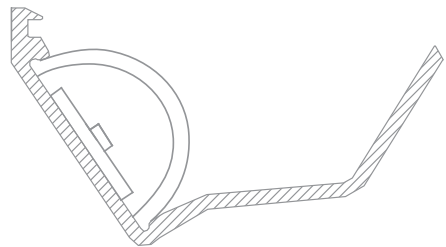
The original edgeless cove

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.

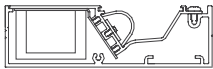
Whitegoods offers the widest range of cove products to suit any application. Coves can be tailored to the specific lengths and are supplied with factory made standard corners, or custom corners.

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.

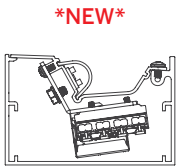


Range Logic

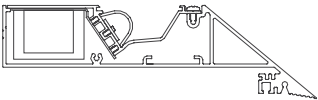
Coves



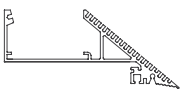
Box Cove
Surface Mount



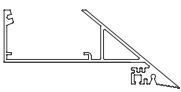
Box Cove 2
Surface/Mullion Mount



Edgeless Cove
Plaster Trim

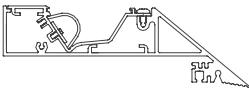


Edgeless P Nose Cove
Plaster Trim



Edgeless Nose Cove
Plaster Trim

Mini Coves

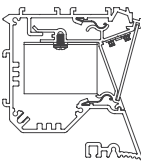


Mini Edgeless Cove
Plaster Trim

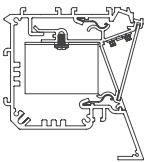


Mini Box Cove
Surface Mount

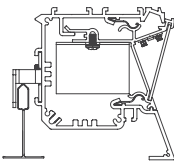
Perimeter Coves



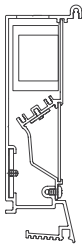
Z Cove
Plaster Trim



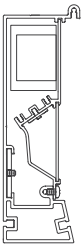
Z Cove
Bezel Trim



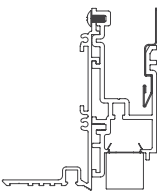
Z Cove
Grid Trim



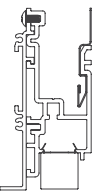
V Cove
Plaster Trim



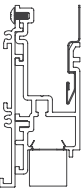
V Cove
Bezel Trim



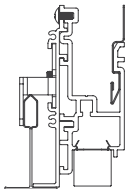
20 Linear Perimeter Flush Lens
Plaster Trim



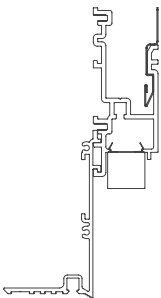
20 Linear Perimeter Flush Lens
Bezel Trim



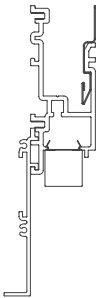
20 Linear Perimeter Flush Lens
Return Trim



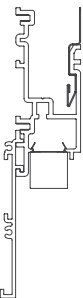
20 Linear Perimeter Flush Lens
Grid Trim



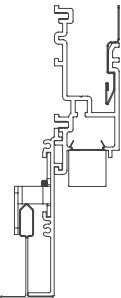
20 Linear Perimeter Regressed Lens
Plaster Trim



20 Linear Perimeter Regressed Lens
Bezel Trim

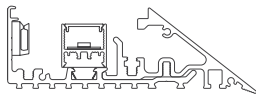


20 Linear Perimeter Regressed Lens
Return Trim

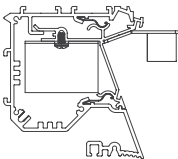


20 Linear Perimeter Regressed Lens
Grid Trim

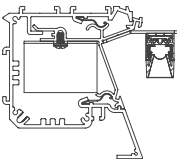
20 Linear Coves



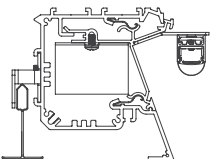
20 Mini Edgeless Cove
Plaster Trim



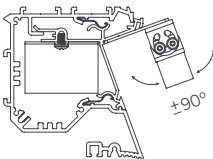
20 Z Cove Graze
Plaster Trim



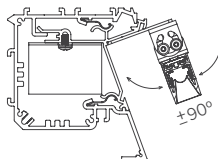
20 Z Cove Graze
Bezel Trim



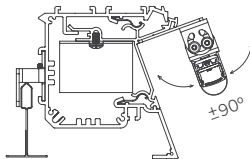
20 Z Cove Graze
Grid Trim



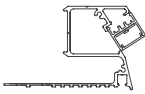
20 Z Cove Adjustable Graze
Plaster Trim



20 Z Cove Adjustable Graze
Bezel Trim



20 Z Cove Adjustable Graze
Grid Trim

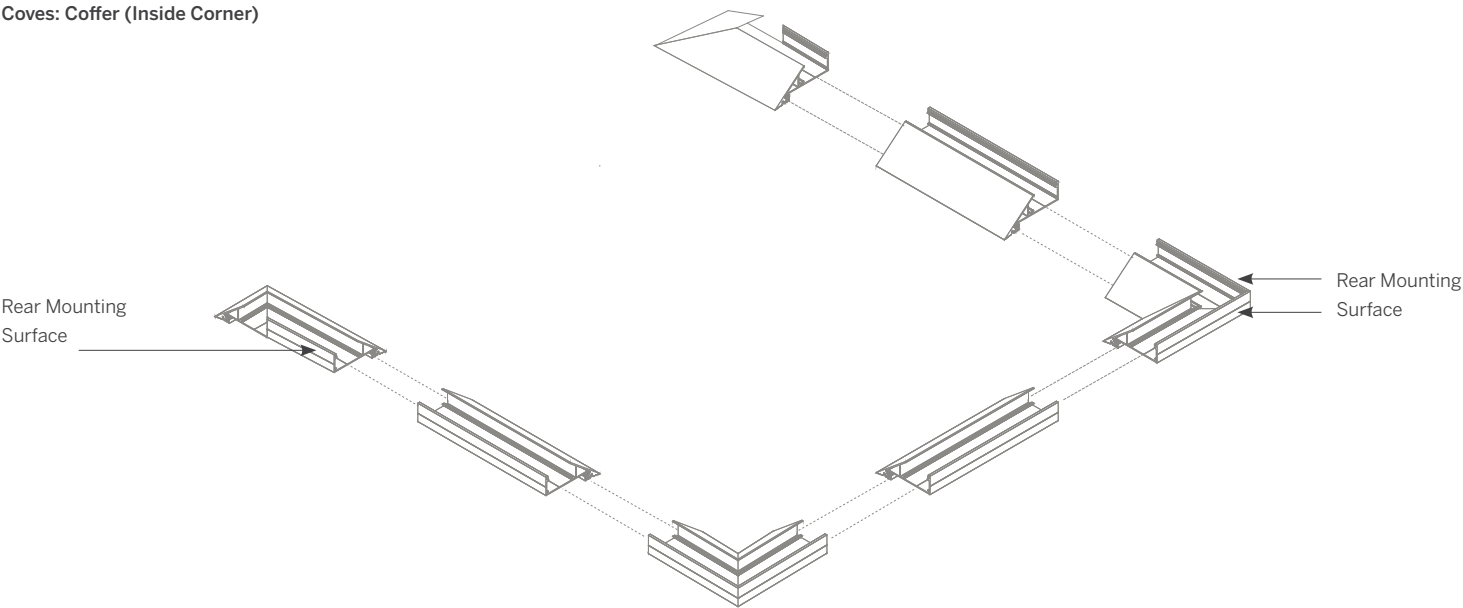


20 Mini Z Cove
Plaster Trim

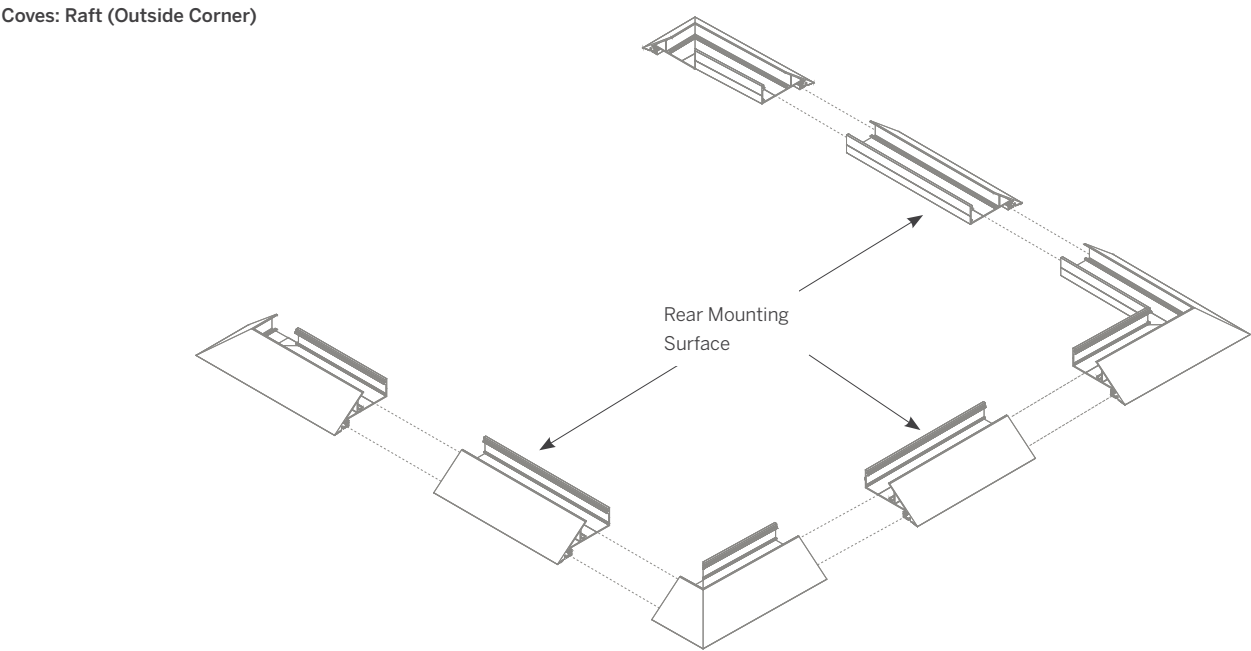
Configuration Logic

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

Coves: Coffer (Inside Corner)

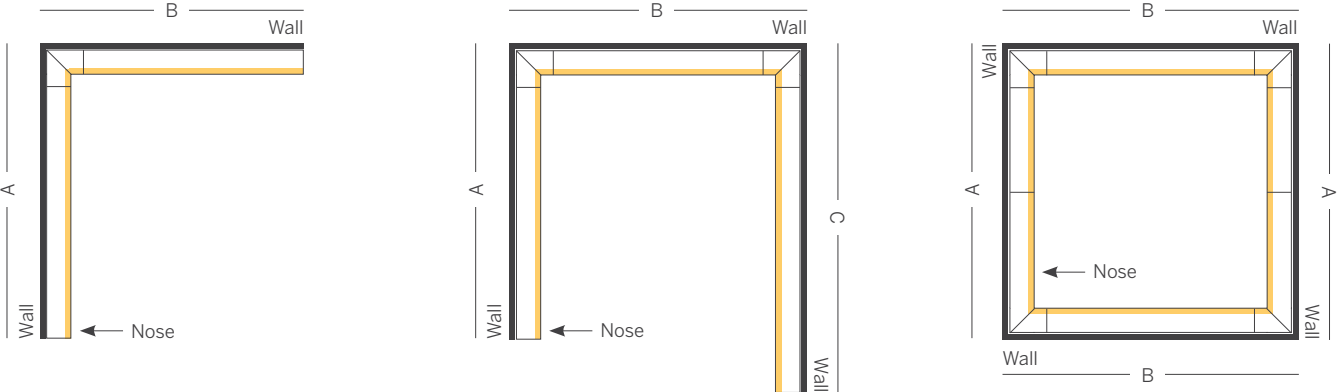


Coves: Raft (Outside Corner)

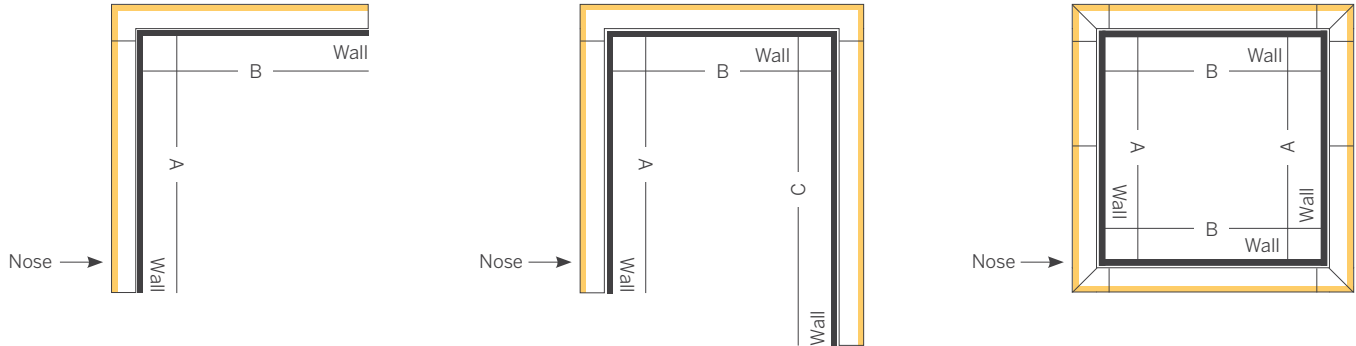


Cove Measurements Logic:
A, B, C, = Wall Length

Coves: Coffer (Inside Corner)

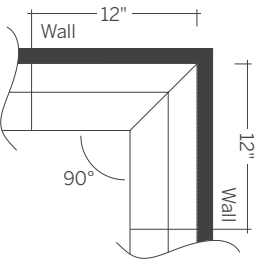


Coves: Raft (Outside Corner)

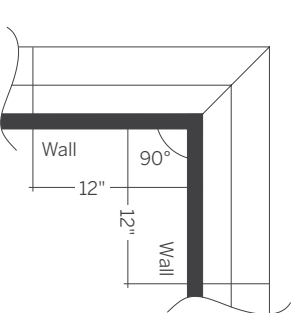


Standard Corners - Plan View

90° Coffer

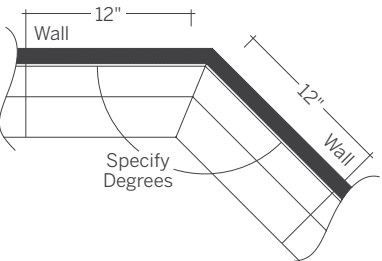


90° Raft

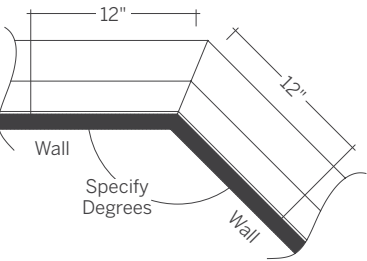


Custom Corners - Plan View

Custom Coffer Angle



Custom Raft Angle



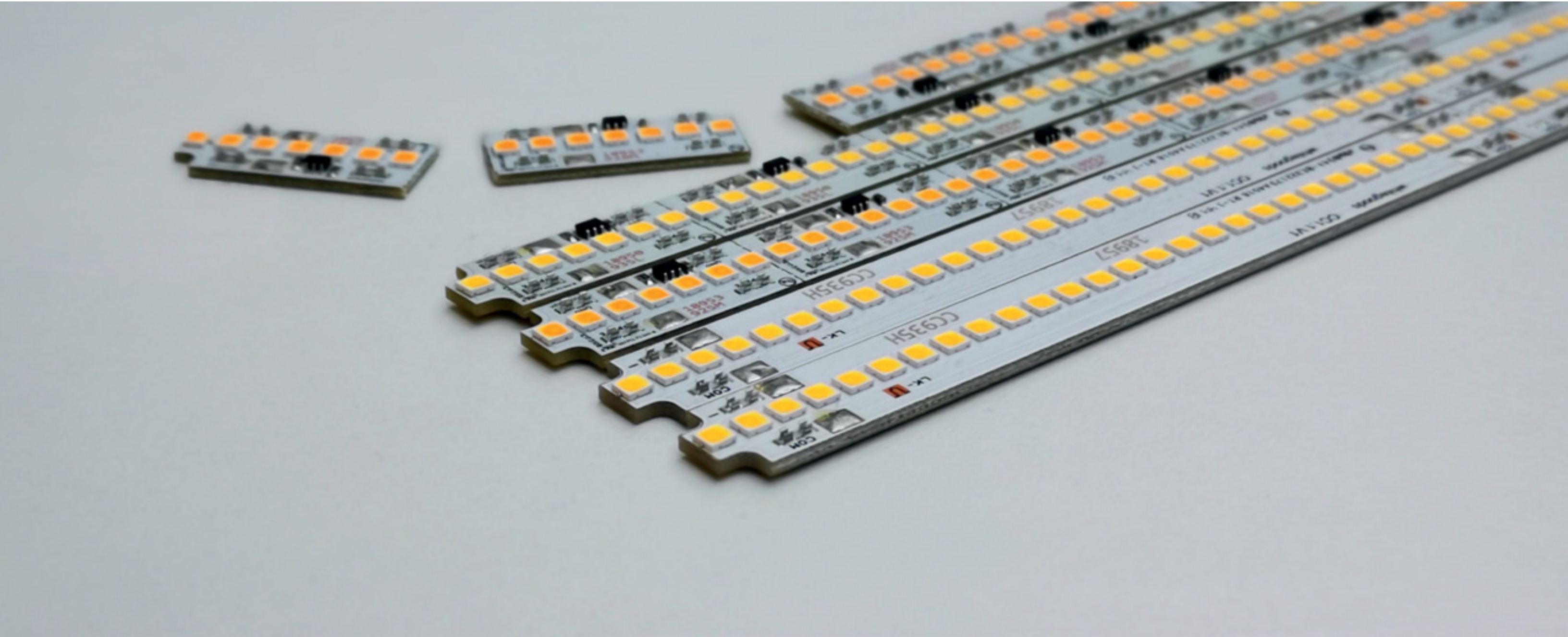
Whitegoods Linear LED Technology

- 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

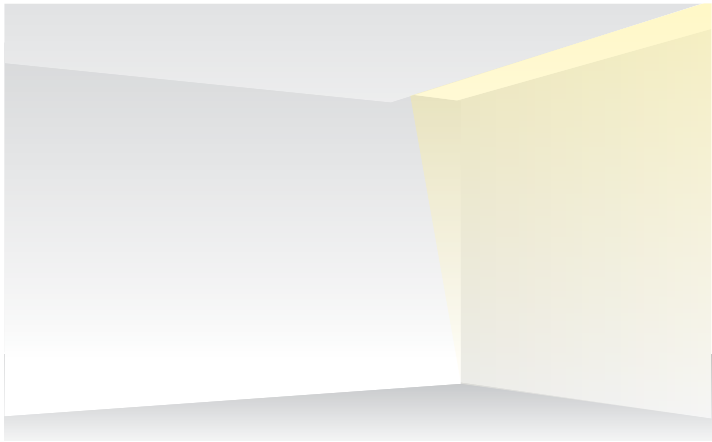
| Power (w/ft) | CCT (k) | Lum.Flux (lm/ft)* | lm/watt |
|--------------|---------|-------------------|---------|
| 3 | 2700 | 376 | 125 |
| 3 | 3000 | 376 | 125 |
| 3 | 3500 | 384 | 128 |
| 3 | 4000 | 384 | 128 |
| 6 | 2700 | 752 | 125 |
| 6 | 3000 | 752 | 125 |
| 6 | 3500 | 767 | 128 |
| 6 | 4000 | 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



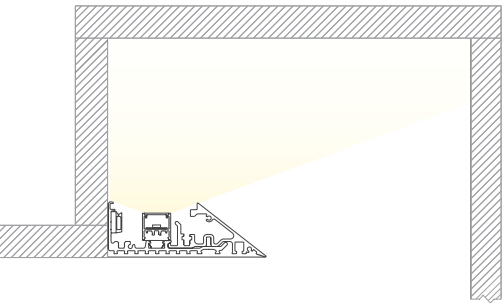
Applications

Washlight

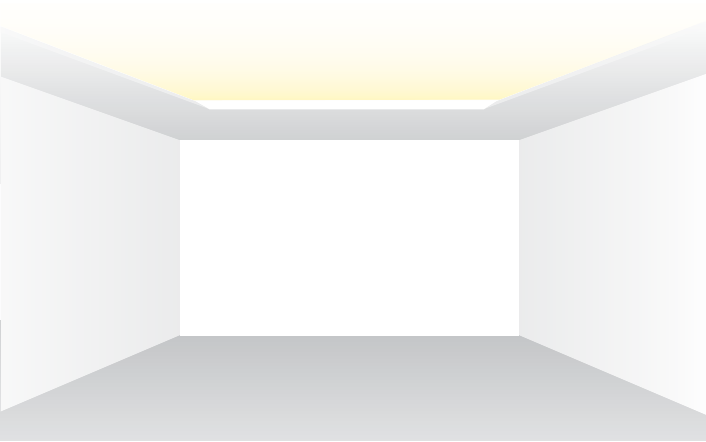


The aim of wall washing, or in fact washing any surface with light (wall, ceiling or floor), is to create an even 'wash' of light across the surface. The wall wash is a great way to introduce light into a room as the brightness of the vertical surfaces around us play a crucial role in our perception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



Coffer

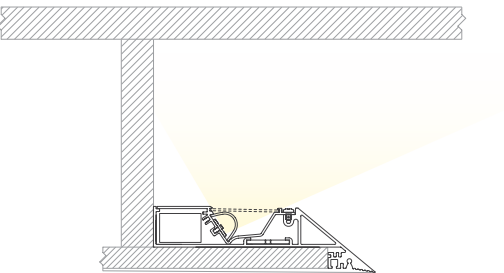


When soft diffuse light comes from above, a natural feel is imparted to a space. It is understandable when you consider that the vast majority of natural light that we experience comes to us from above.

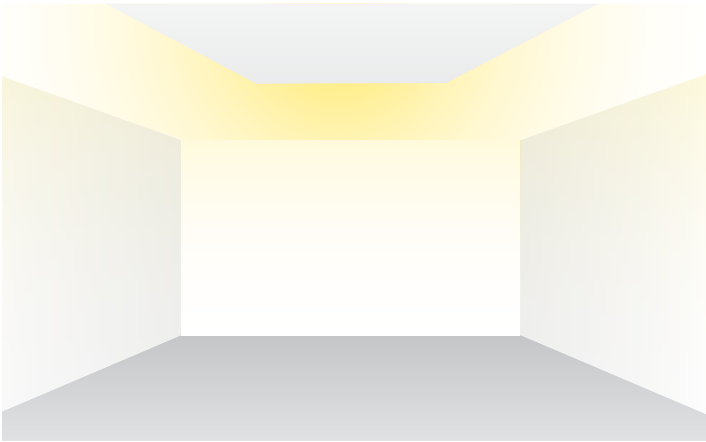
Creating a coffer within the ceiling provides an opportunity to deliver light in this way. Although the technique does require some ceiling depth, it is no more than is typically required for recessed downlights. For example, 4" - 6" between the top of the luminaire and the ceiling is all you need to 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 through low angle light forward into the space, as well as soft illumination above and bounce light behind to evenly illuminate the cove as well.



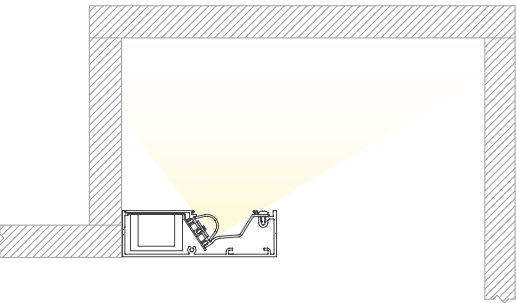
Raft (Outside Corners)



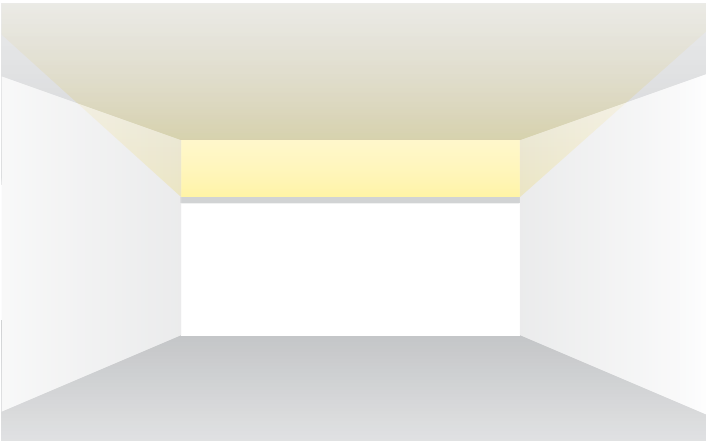
By designing a raft (ceiling cloud) in the middle of a space, the low angle light from a Whitegoods cove product can be used to illuminate the ceiling and redirect wall on adjacent vertical surfaces. A classic way to accentuate the ceiling plane can also illuminate the entire space without glare.

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.



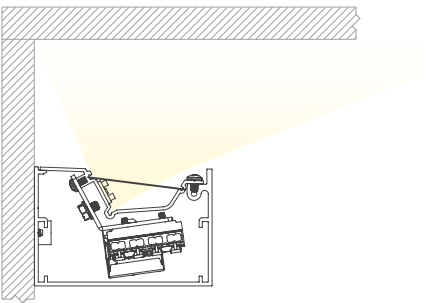
Surface Wallmount



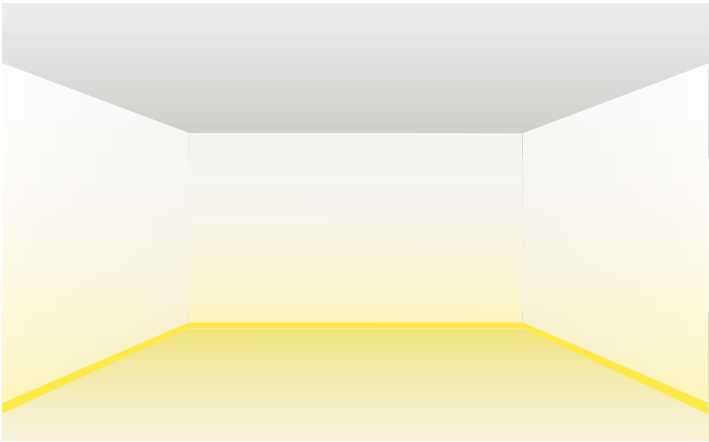
A discrete wall mounted uplight uses the ceiling plane to reflect light evenly into the room, as well as brings volume to the space. When the luminaire is completely indirect, hiding the source of light, and runs wall-to-wall, it creates a dramatic effect delineating the elevation.

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 apperance 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.



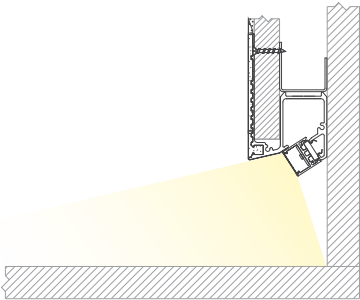
Concealed Linear Downlight (Floor Wash)



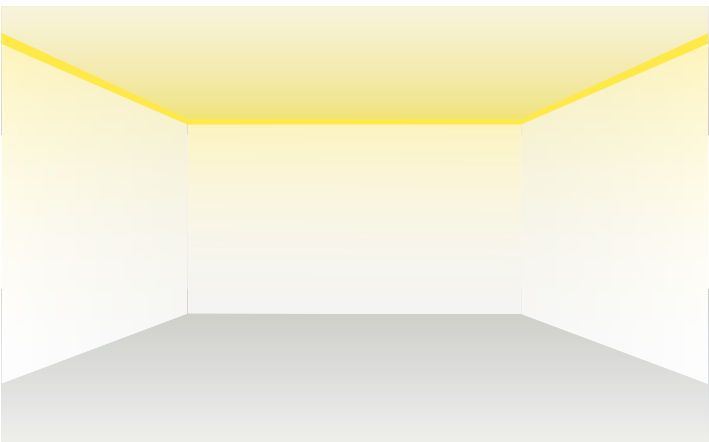
Some spaces do not call for high levels of illumination. Perhaps in a gallery or museum, or perhaps a hotel corridor, for example, where the boundaries of a space can be defined by enough light, allowing users to safely navigate their way. Or simply to create a specific atmosphere or mood in a space.

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

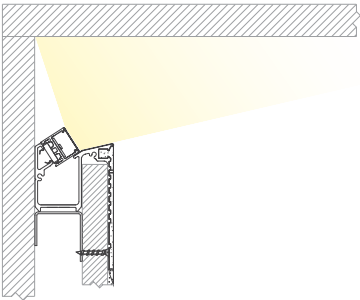


Concealed Linear Uplight (Ceiling Wash)



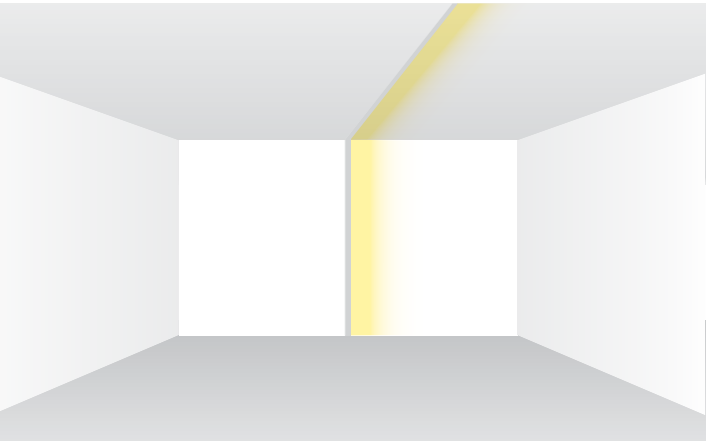
Another simple and highly effective way to deliver natural feeling even light into a space is via a concealed linear light source, detailed into the top edge of a wall surface, just before it meets the ceiling. By virtue of its position, the light source is naturally concealed.

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.



Products
20 Mini Z Cove

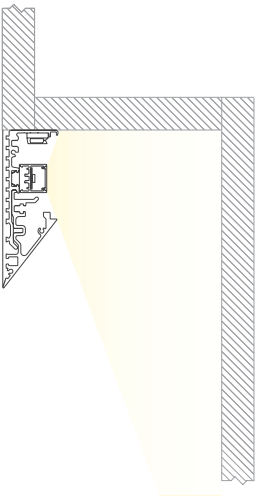
Configurations



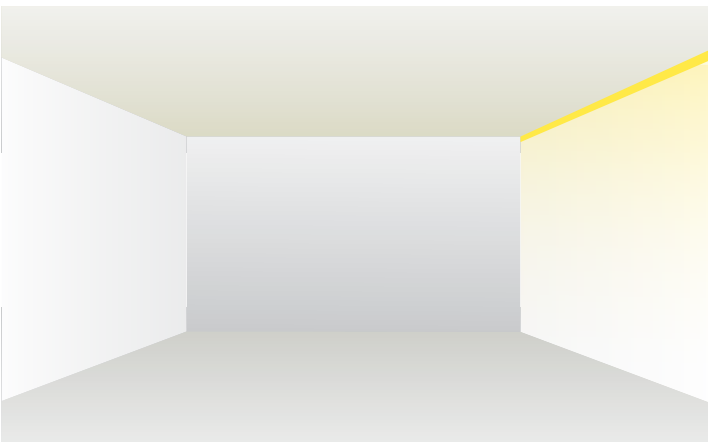
Modular product design, coupled with application engineering support from the Whitegoods team allow your creativity to become reality. If complicated configurations are required to deliver glare-free light into the space and simultaneously create exciting interiors, then a cove configuration may be the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

The housing in all Whitegoods products (see Linears, Protools 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.



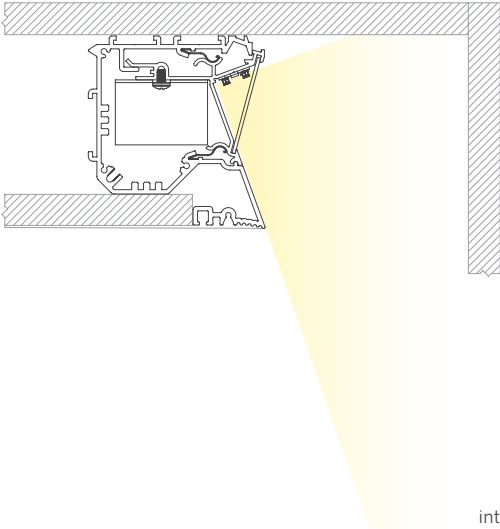
Perimeter



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

| | | |
|--|---|-------------|
|  | Edgeless Cove Product details Design guide | 20 72-79 |
|  | Mini Edgeless Cove Product details Design guide | 22 72-79 |
|  | Box Cove Product details Design guide | 24 72-79 |
|  | Box Cove 2 *NEW* Product details | 26 |
|  | Mini Box Cove Product details Design guide | 28 72-79 |
|  | 20 Mini Edgeless Cove Product details Design guide | 30 64-71 |
|  | V Cove Product details Design guide | 32 80-81 |
|  | Edgeless P Nose Cove Product details | 34 |
|  | Edgeless Nose Cove Product details | 36 |

Perimeter

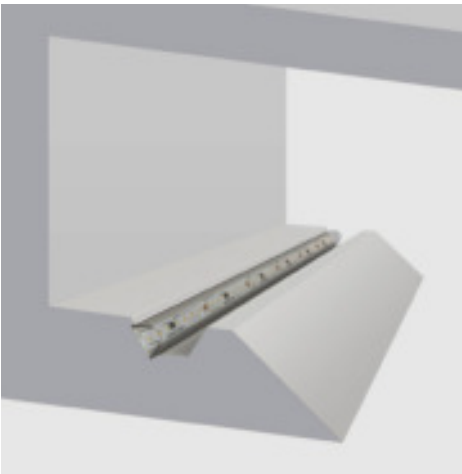
| | | |
|--|--|-------------|
|  | Z Cove Product details Design guide | 38 56-58 |
|  | 20 Z Cove Graze Product details | 40 |
|  | 20 Z Cove Adjustable Graze Product details | 42 |
|  | 20 Mini Z Cove Product details Design guide | 44 60-62 |
|  | 20 Linear Perimeter Flush Lens Product details Design guide | 46 82-83 |
|  | 20 Linear Perimeter Regressed Lens Product details Design guide | 50 84-85 |



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

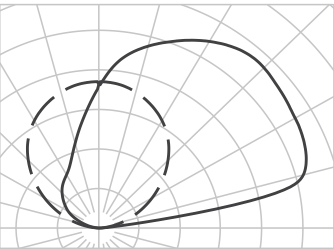
5-year Limited (see complete company warranty information)

Certifications

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

Voltages

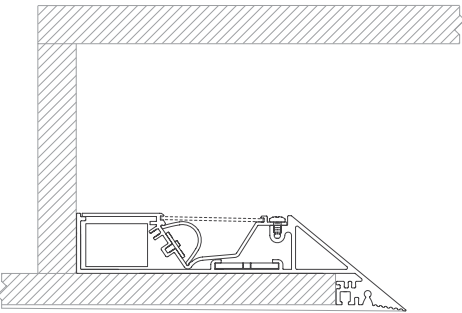
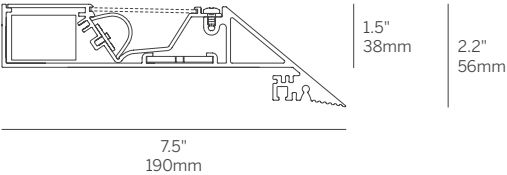
120-277VAC, 347VAC



Polar Plot

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

Lumens per foot (delivered)



Gypsum Ceiling Mounting

4" minimum offset, 12" typical offset

index

technical information

Design Guide

72-79

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

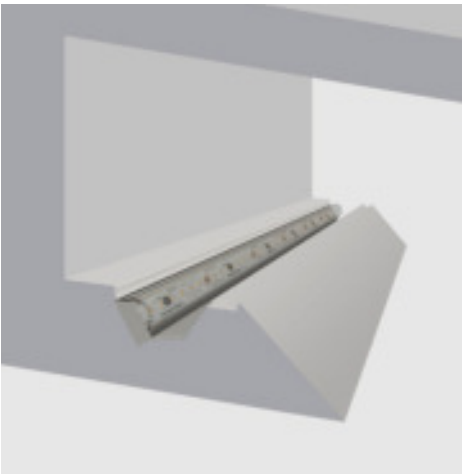
- 1 Standard setup assumes the cove ends at a perpendicular wall and the LED board is setback from the end to minimize light on the perpendicular wall. Contact us for options.
- 2 See pattern specsheet.
- 3 Wattage shown does not include power supplies/drivers.
- 4 Delivered lumens with snap on satin 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 average⁴
RA 91-94 (2700K - 4000K)
Conformal coated for protection against humidity

Driver
Remote driver
Compatibe with quality constant voltage drivers

Connectivity
POE

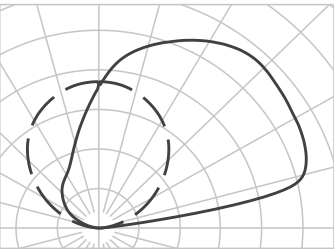
Weight
2lbs per foot

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

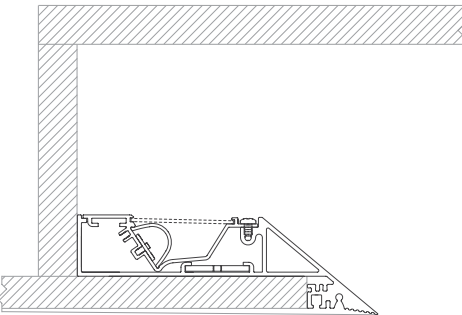
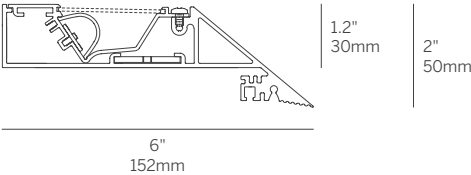
Voltages
120-277VAC, 347VAC



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)



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

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 L3DOE 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
- L3DOE = 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.

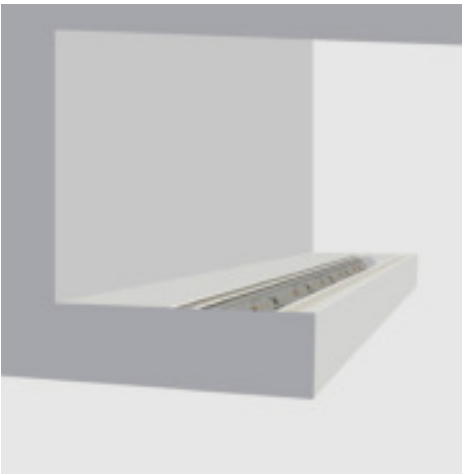
Notes

- 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 specsheet.
- 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

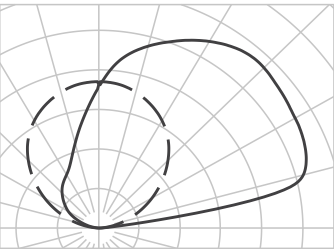
Weight 3lbs per foot

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

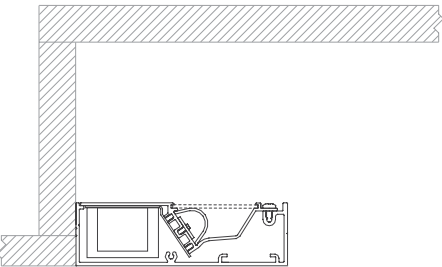
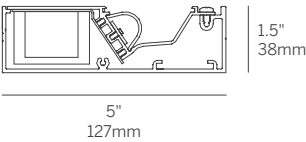
Voltages 120-277VAC, 347VAC



Polar Plot

| Efficiency | | Power (W/FT) | | | |
|------------|-------|--------------|------|-------|--------|
| | | 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)



Architectural Cove
4" minimum offset, 12" typical offset

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 L3DOE 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
- L3DOE = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V (remote)
- DFPN = Lutron Forward Phase 1%, 120VAC

Lens

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

Finish

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

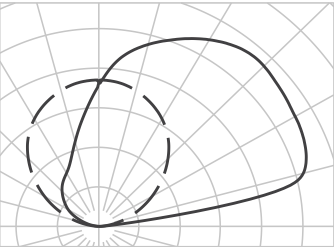
- 1 Standard setup assumes the cove ends at a perpendicular wall and the LED board is setback from the end to minimize light on the perpendicular wall. Contact us for options.
- 2 See pattern specsheet.
- 3 Wattage shown does not include power supplies/drivers.
- 4 Delivered lumens with snap on satin diffuser shown.
- 5 Integral driver, except L3DOE (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.

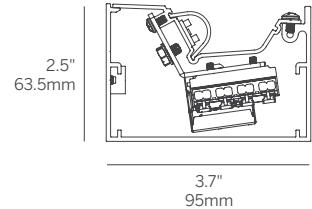
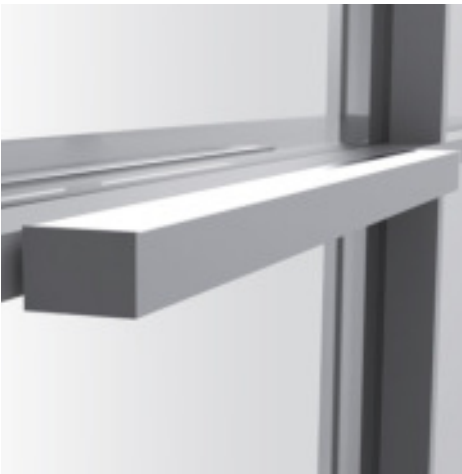
| | |
|----------------|--|
| Housing | Precision extruded aluminum for true dimensions and tolerances Wall, end-wall and mullion mount with rear and end feed options Mounts over a horizontal switch box or direct conduit connection Unitized gear tray with LED and driver for easy final installation Standard 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 average ⁴ 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 |



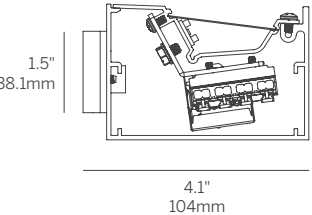
Polar Plot

| 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)

index

technical information

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 = 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 (1671/1740/1822/1871 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.



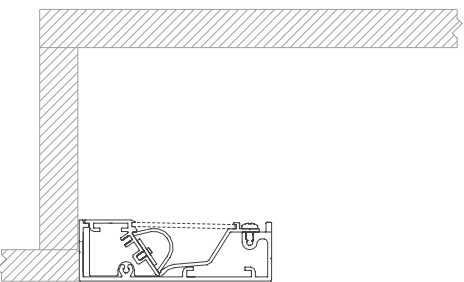
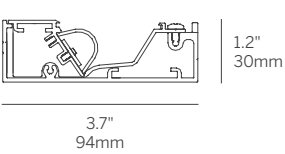
Mini Box Cove

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

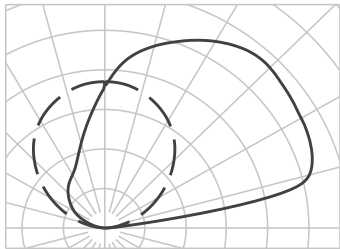
- Light source positioned for optimum horizontal spread of illumination.
 - Light source is not visible from any viewing angle up to and including direct horizontal view.
 - Delivers continuous soft wash of directed light to above surface.
 - Satin Diffuser for high efficiency and soft edge beam without 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 |



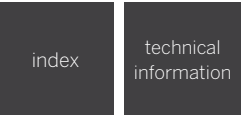
Architectural Cove
4" minimum offset, 12" typical offset



Polar Plot

| Efficiency | | Power (W/FT) | | | |
|------------|-------|--------------|------|-------|--------|
| | | 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)



Design Guide
72-79

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 L3DOE 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
- L3DOE = 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

- 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 specsheet.
- 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.



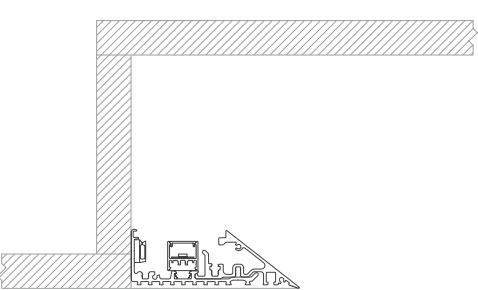
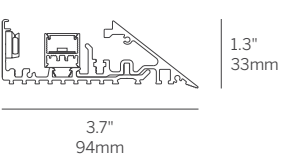
20 Mini Edgeless Cove

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

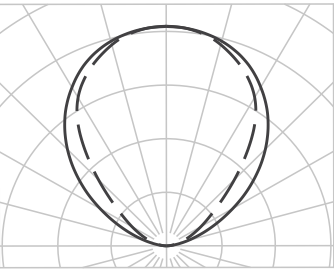
- Extremely small kknife-edge cove utilizing the 20Linear for general indirect distribution.
 - Continuous mounting to any desired length.
 - Luminaire has opal or satin diffuser options for even illumination, elimination of glare and high efficiency.
- Lengths and angles factory cut to exact field dimensions - 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 average ⁴ 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)

index

technical information

Design Guide
64-71

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 specsheet.
- 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

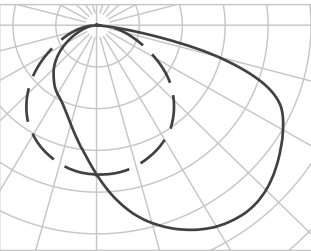
Weight 3lbs per foot

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

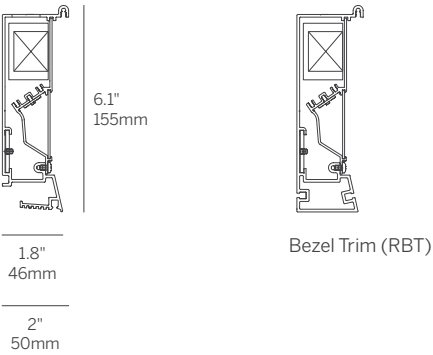
Voltages 120-277VAC, 347VAC



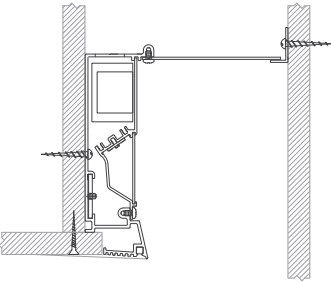
Polar Plot

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

Lumens per foot (delivered)

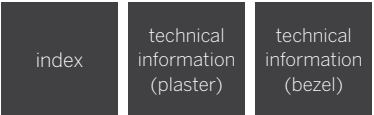


Plaster Trim (RPT)



Gypsum Ceiling Mounting

4" minimum offset, 6" typical offset



Design Guide
80-81

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

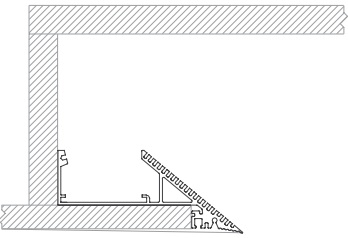
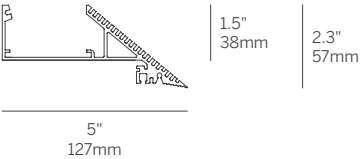


Edgeless P Nose Cove

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

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

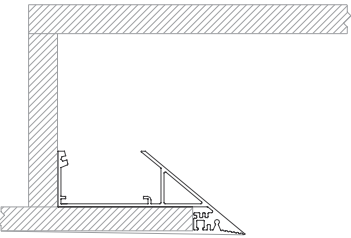
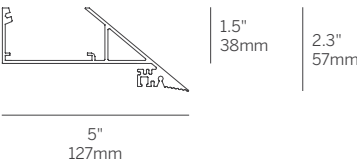
- 1 See pattern specsheet.

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

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 specsheet.

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

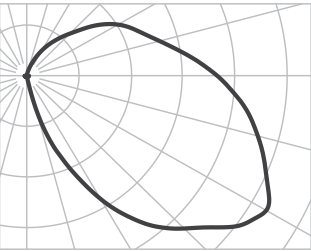
Weight
3lbs per foot

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

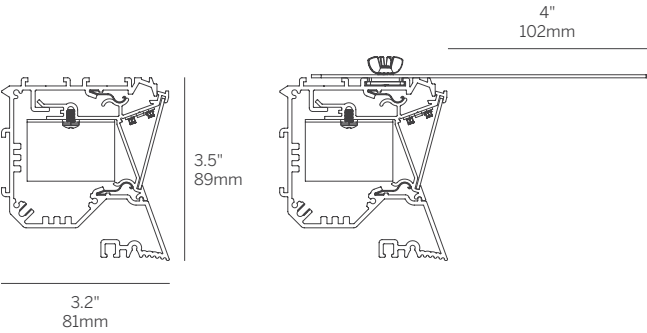
Voltages
120-277VAC, 347VAC



Polar Plot

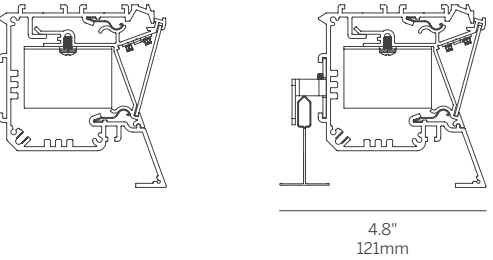
| Efficiency | | Power (W/FT) | | | |
|------------|-------|--------------|------|-------|--------|
| 73.4% | | L 3W | M 6W | H 10W | XH 13W |
| CCT | 2700K | 290 | 579 | 965 | 1254 |
| | 3000K | 290 | 529 | 965 | 1254 |
| | 3500K | 296 | 591 | 984 | 1280 |
| | 4000K | 296 | 591 | 984 | 1280 |

Lumens per foot (delivered)



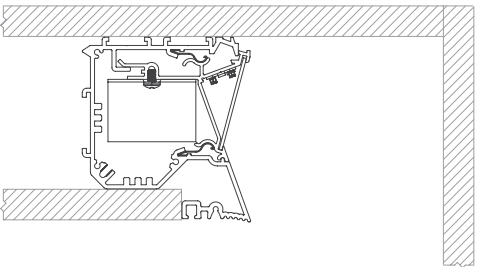
Plaster Trim (RPT)

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



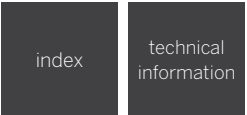
Bezel Trim (RBT)

Grid Trim (RGT9, RGT15)



Gypsum Ceiling Mounting

2.5" minimum offset, 12" typical offset



Design Guide
56-58

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

- 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 specsheet.
- 3 Wattage shown does not include power supplies/drivers.
- 4 Delivered lumens with satin clear diffuser shown.
- 5 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 usin g 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

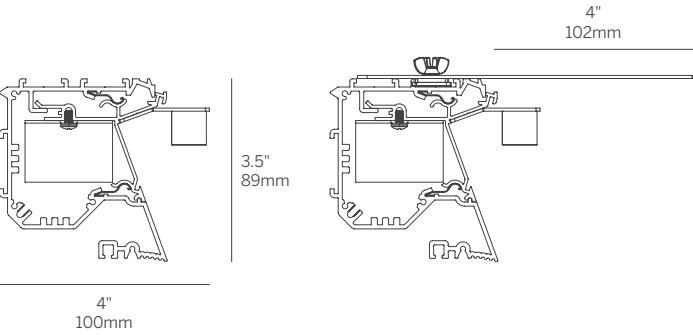
ETL and ETL-C for dry and damp location, CE

Voltages

120-277VAC, 347VAC

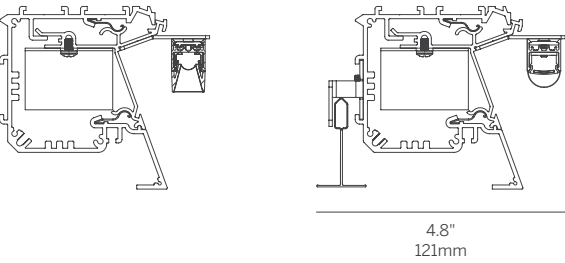
| | | Power (W/FT) | | |
|-----|-------|--------------|------|-------|
| | | L 3W | M 6W | H 10W |
| CCT | 2700K | 376 | 752 | 1253 |
| | 3000K | 376 | 752 | 1253 |
| | 3500K | 384 | 767 | 1278 |
| | 4000K | 384 | 767 | 1278 |

Lumens per foot (nominal)



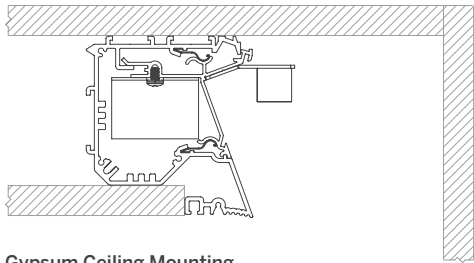
Plaster Trim (RPT)

Plaster Trim (RPT)

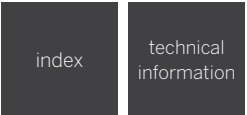


Bezel Trim (RBT)

Grid Trim (RGT9, RGT15)



Gypsum Ceiling Mounting



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 L3DOE 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
- L3DOE = 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 specsheet.
- 3 Wattage shown does not include power supplies/drivers.
- 4 Integral driver, except L3DOE (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 usin g 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

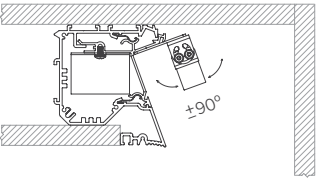
Operating Temp Suitable for operation in maximum ambient temperature of 35C (95F)

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

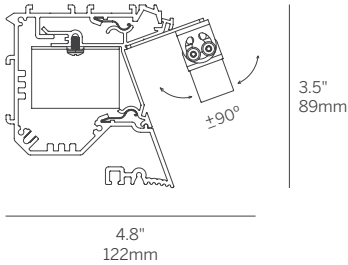
Certifications ETL and ETL-C for dry and damp location, CE

Voltages 120-277VAC, 347VAC

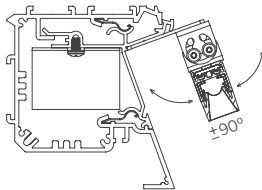
| | | Power (W/FT) | | |
|---------------------------|-------|--------------|------|-------|
| | | L 3W | M 6W | H 10W |
| CCT | 2700K | 376 | 752 | 1253 |
| | 3000K | 376 | 752 | 1253 |
| | 3500K | 384 | 767 | 1278 |
| | 4000K | 384 | 767 | 1278 |
| Lumens per foot (nominal) | | | | |



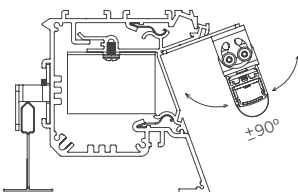
Gypsum Ceiling Mounting



Plaster Trim (RPT)



Bezel Trim (RBT)



Grid Trim (RGT9, RGT15)



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

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



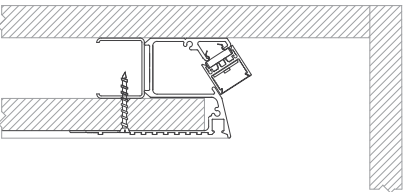
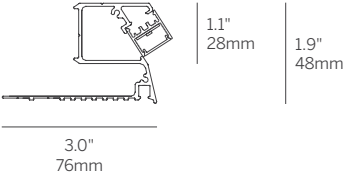
20 Mini Z Cove

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

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 L3DOE 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
 - L3DOE = 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.

| | | 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) | | | | |



Design Guide
60-62

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 specsheet.
 - 3 Wattage shown does not include power supplies/drivers.
 - 4 Remote drivers required. See power supply page for details.

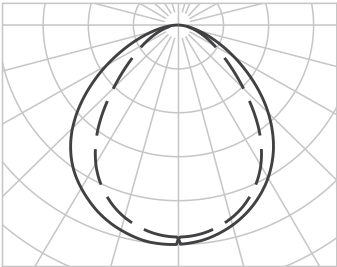


20 Linear Perimeter Flush Lens

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.

| | |
|----------------|--|
| 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 |



| 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 |

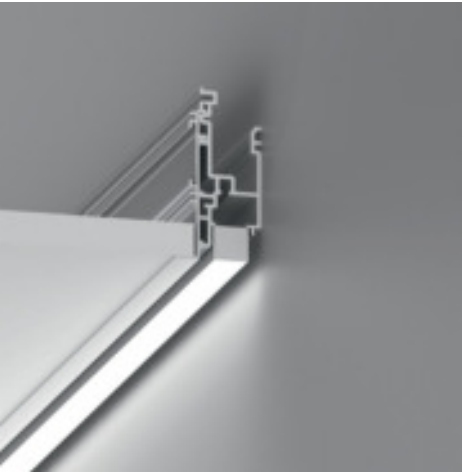
Lumens per foot*

| | |
|-------|-----------------------|
| index | technical information |
|-------|-----------------------|

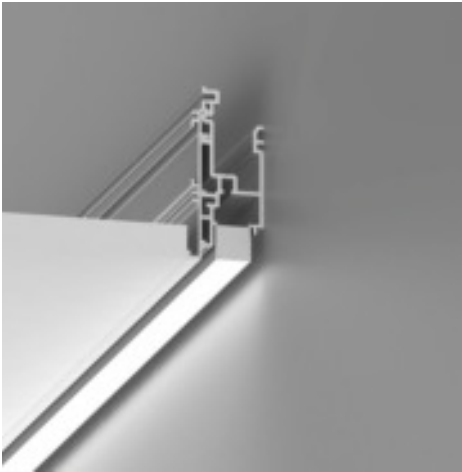
Design Guide
82-83



Plaster Trim



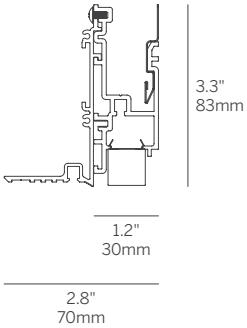
Bezel Trim



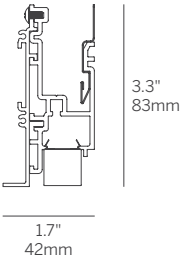
Return Trim



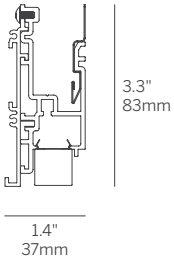
Grid Trim



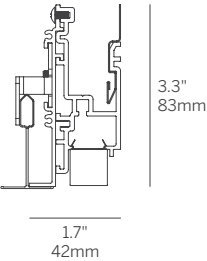
Gypsum Ceiling Mounting



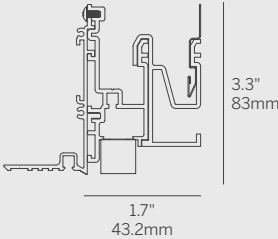
Solid Ceiling Mounting



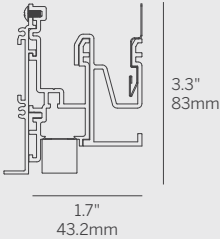
Metal Ceiling Tile Mounting



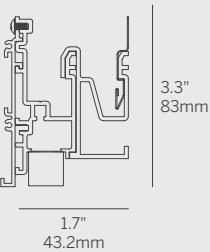
Grid Ceiling Tile Mounting



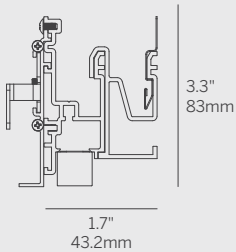
Plaster Trim (RPT)



Bezel Trim (RBT)



Bezel Retrun Trim (RRT)



Grid Trim (RGT9, RGT15)

Soft Graze (SG)

*Delivered lumens with satin clear diffuser shown.

See next page for order codes →

20 Linear Perimeter Flush Lens

| Model | Soft Graze | Fixation | Pattern¹ | Length | Power² | CRI/ CCT³ | Driver⁴ | 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 specsheet.
- 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.



index

technical
information

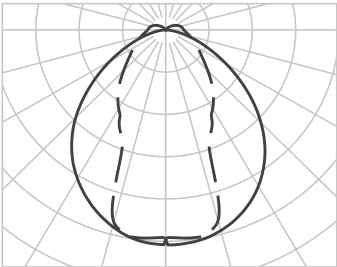
Design Guide
82-83

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 |
| CRI | 2700K | 302 | 604 | 1006 |
| | 3000K | 302 | 604 | 1006 |
| | 3500K | 308 | 616 | 1026 |
| | 4000K | 308 | 616 | 1026 |

Lumens per foot*

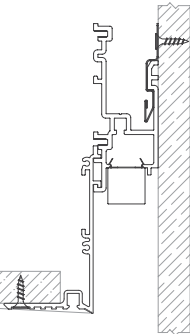
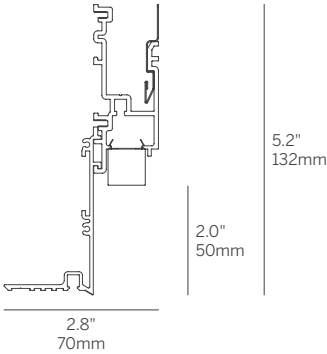
index

technical information

Design Guide
84-85



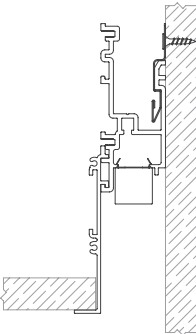
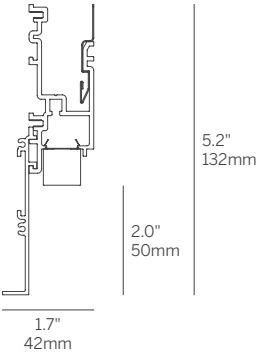
Plaster Trim (RPT)



Gypsum Ceiling Mounting



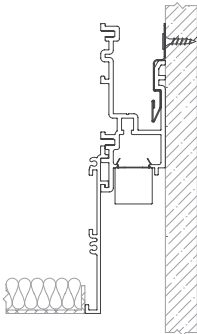
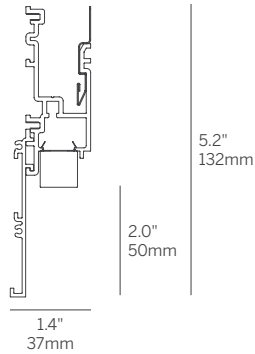
Bezel Trim (RBT)



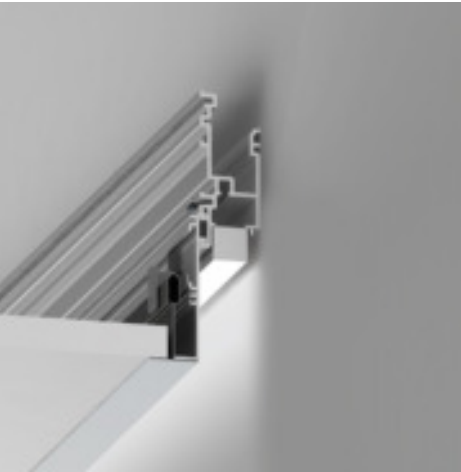
Solid Ceiling Mounting



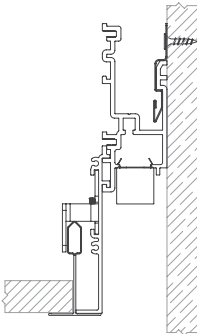
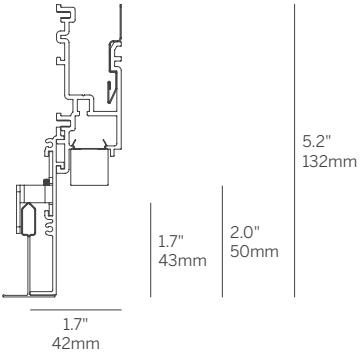
Return Trim (RRT)



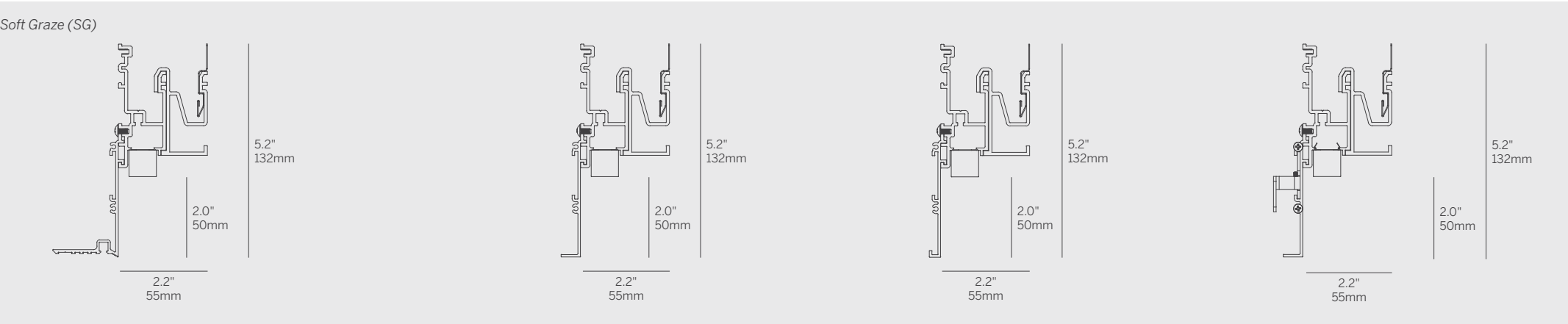
Metal Ceiling Tile Mounting



Grid Trim (RGT)



Grid Ceiling Tile Mounting

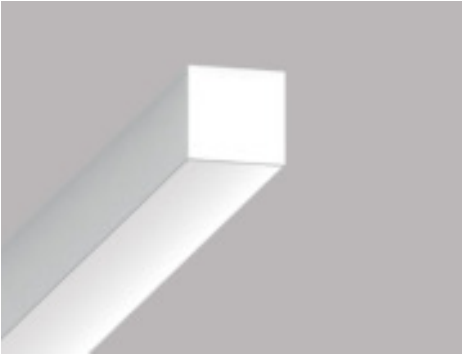


*Delivered lumens with satin clear diffuser shown.

20 Linear Perimeter Regressed Lens

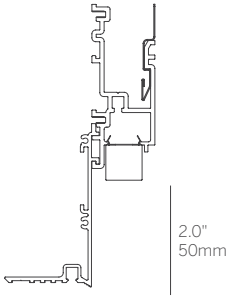
Optical Accessories

Snap In Diffusers (OD, SD)

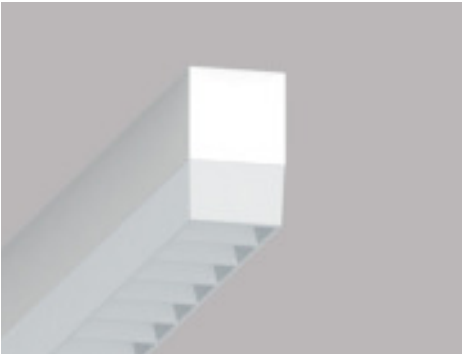


Continuous, evenly illuminated snap-in lens without visible LED pattern

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

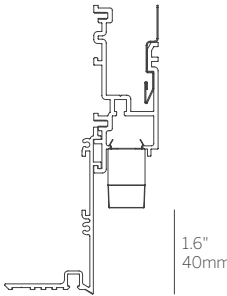


Louver (LL45W, LL45B)



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.

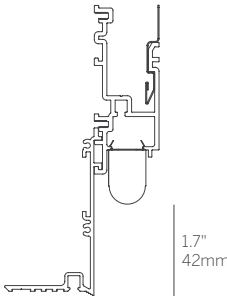


Narrow Lens (NL16)



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.



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 specsheet.
- 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 specsheet.

Design Guide

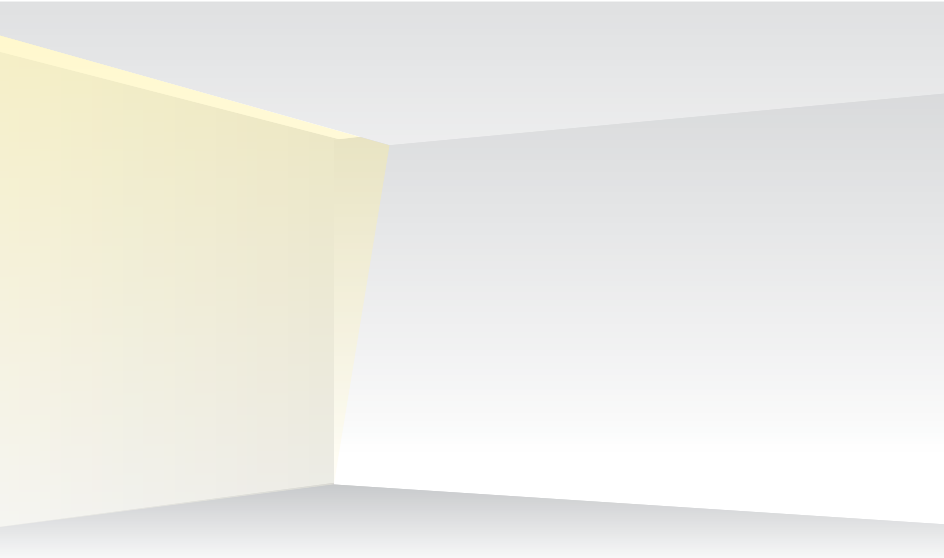
We have provided performance data and characteristics for Whitegoods luminaires, as well as providing expected light levels for typical scenarios based on set parameters. The results are intended as a handy reference to help the specifier plan their project quickly, efficiently and with confidence.

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.



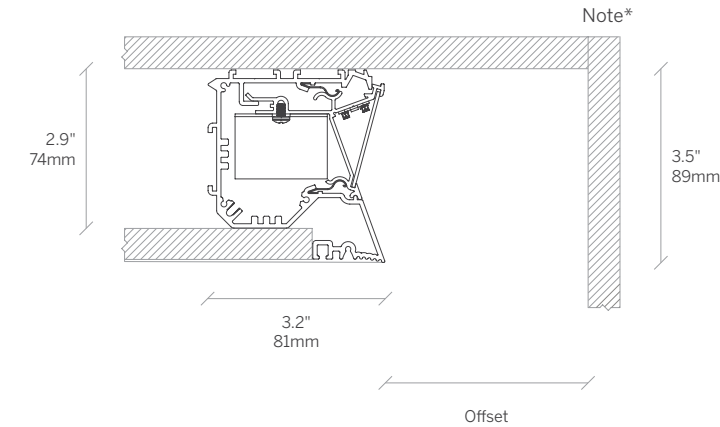
Z Cove - Concealed Vertical Illumination

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.

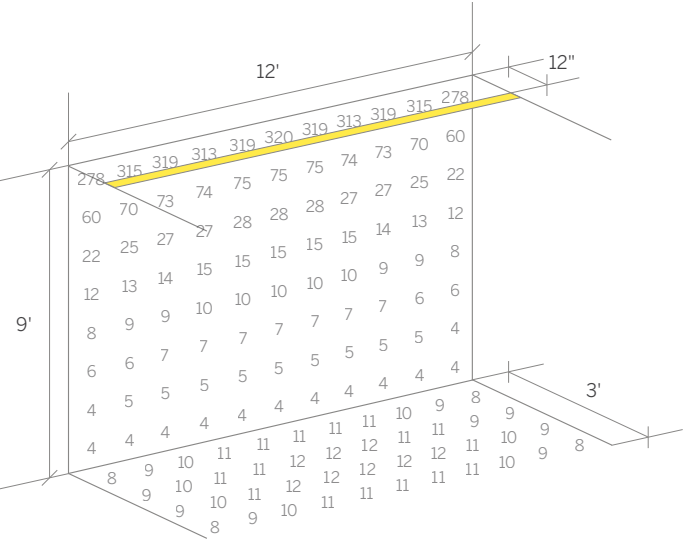
| Note* | Offset |
|--|----------------------|
| Paint out all internal surfaces of cove in matt white. | Typical Offset 12" |
| | Optimum Offset 6-12" |
| | Minimum Offset 2.5" |

index

Z Cove
All Trim Options

Product Details

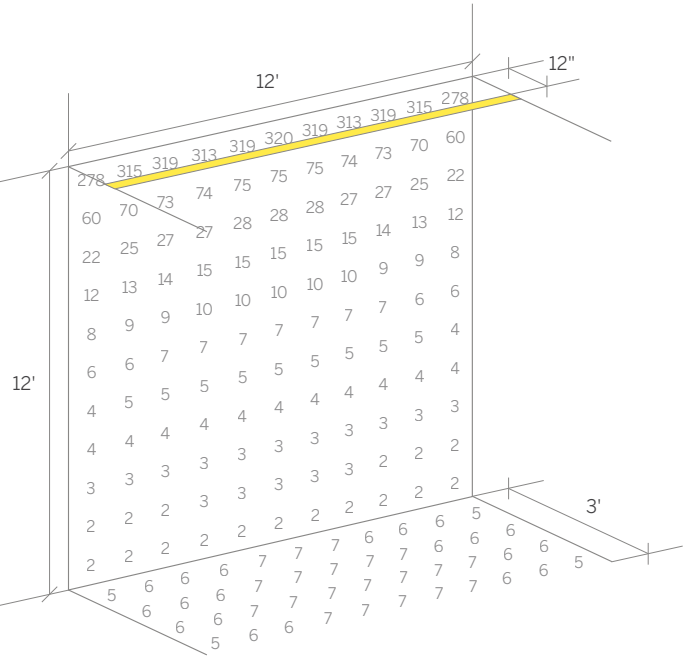
9' Ceiling, 12" Optimum Offset



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:

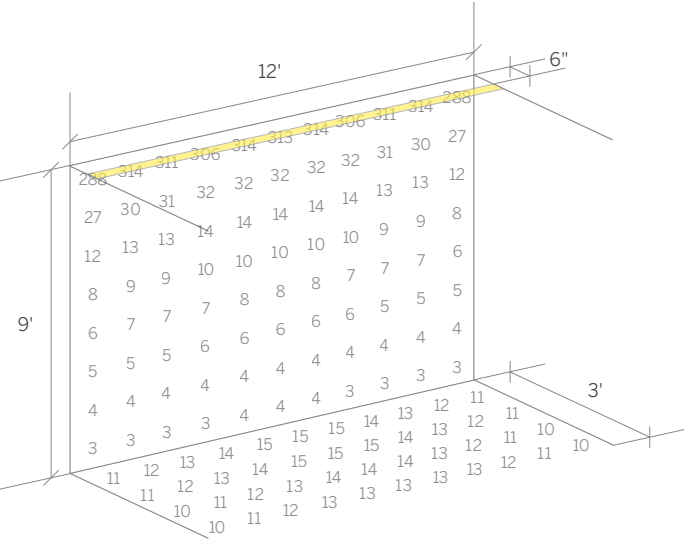
| Reflectances | Maintenance Factor | LED | Diffuser |
|--------------|--------------------|-------------|-------------|
| Ceiling 70% | 1.0 | 897lm/ft* | Satin Clear |
| Walls 50% | | 3000 Kelvin | |
| Floor 20% | | 90 CRI | |

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

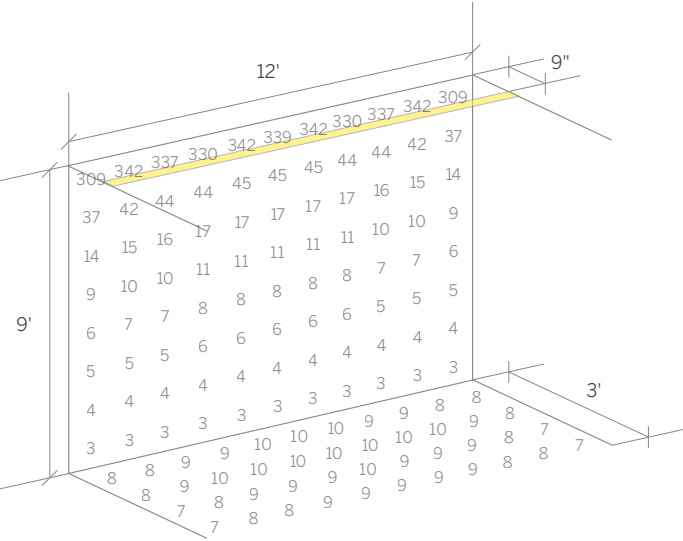
Z Cove - Concealed Vertical Illumination

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

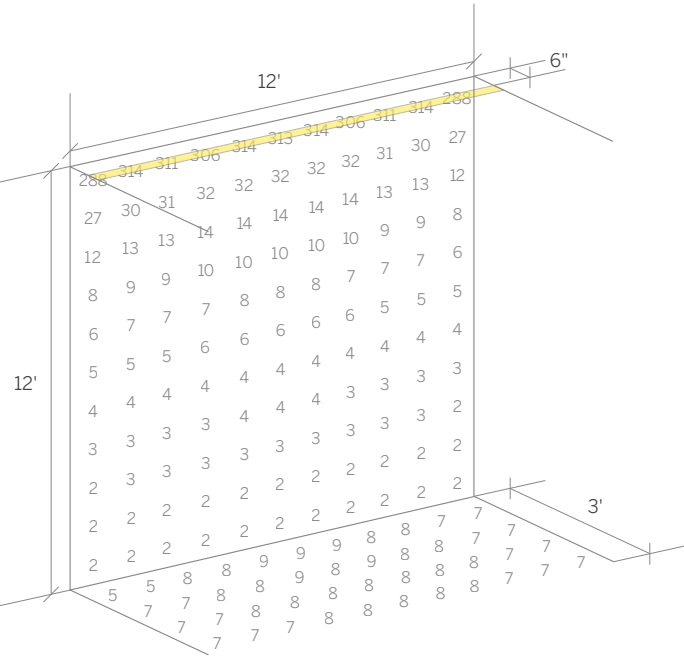
9' Ceiling, 6" Offset



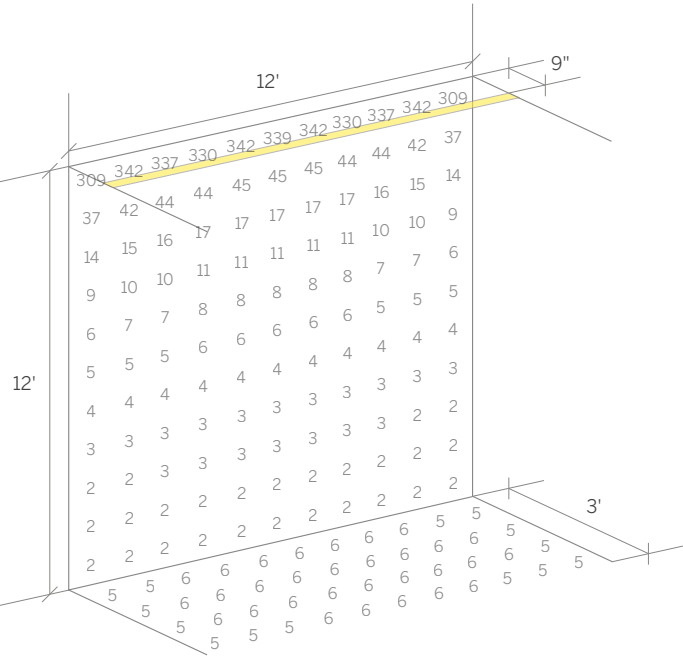
9' Ceiling, 9" Offset



12' Ceiling, 6" Offset



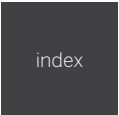
12' Ceiling, 9" Offset



Values in Foot Candles

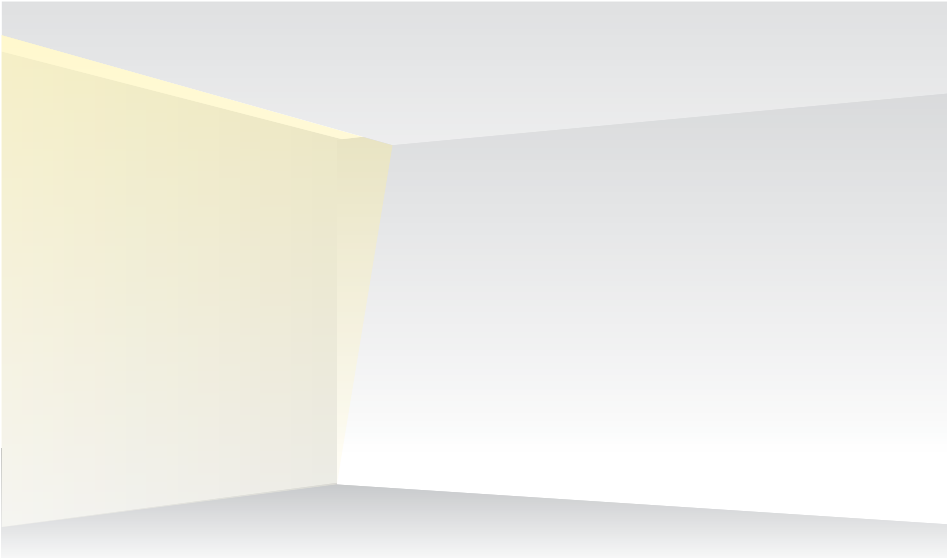
Calculated on the following basis:

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



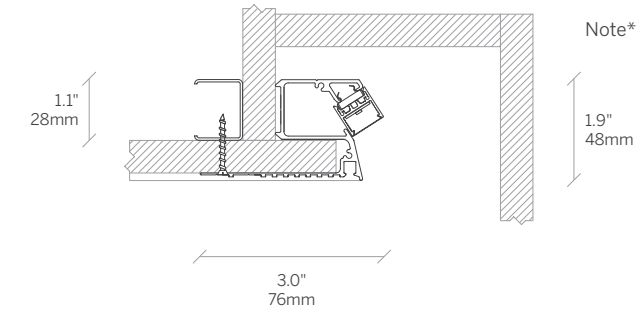
20 Mini Z Cove - Concealed Vertical Illumination

WG 20MZC-RPT

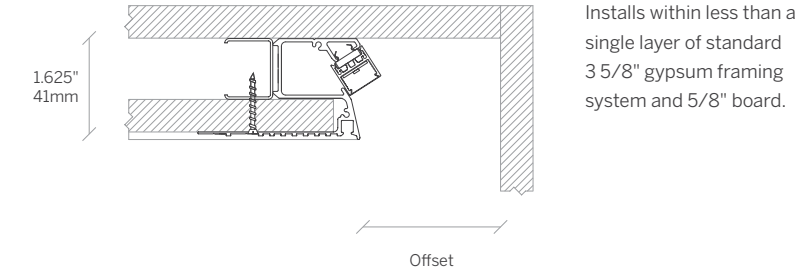


Mounting and Recommended Spacing

Option 1 Mounting to plenum structure only



Option 2 Mounting tight against ceiling structure

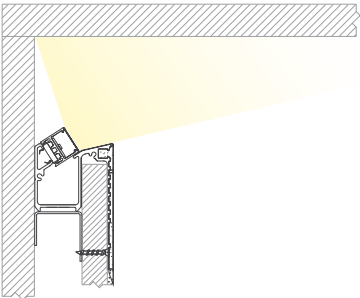


Note*
Paint out all internal surfaces of cove in matt white.

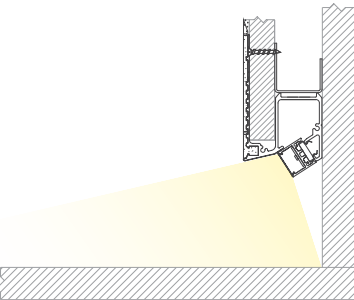
Offset
Typical Offset 6"
Optimum Offset 6-12"
Minimum Offset 2.5"

Alternative Mounting Options

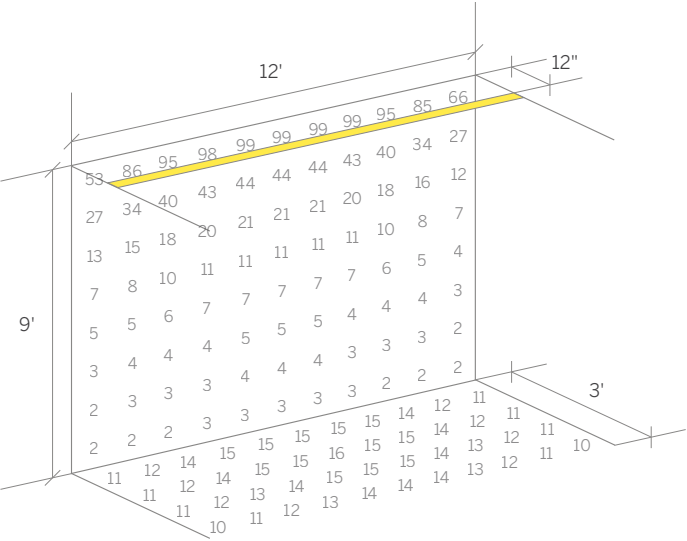
Concealed ceiling wash from wall pocket



Concealed floor wash from wall pocket



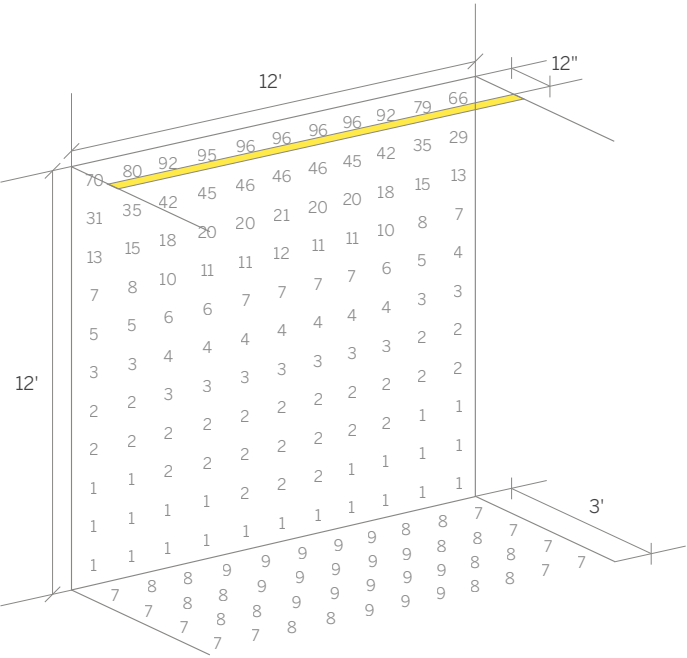
9' Ceiling, 12" Optimum Offset



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

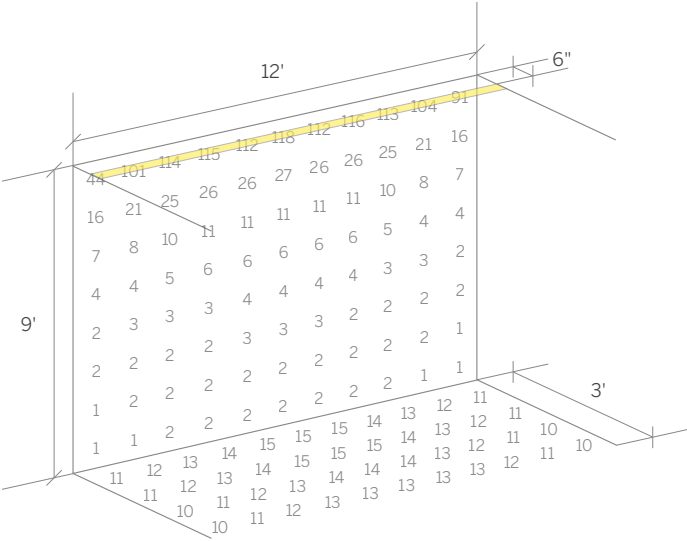
| | | | |
|------------------------------------|--------------------|-------------|-------------|
| Calculated on the following basis: | Maintenance Factor | LED | Diffuser |
| Reflectances | 1.0 | 579lm/ft* | Satin Clear |
| Ceiling 70% | | 3000 Kelvin | |
| Walls 50% | | 90 CRI | |
| Floor 20% | | | |

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

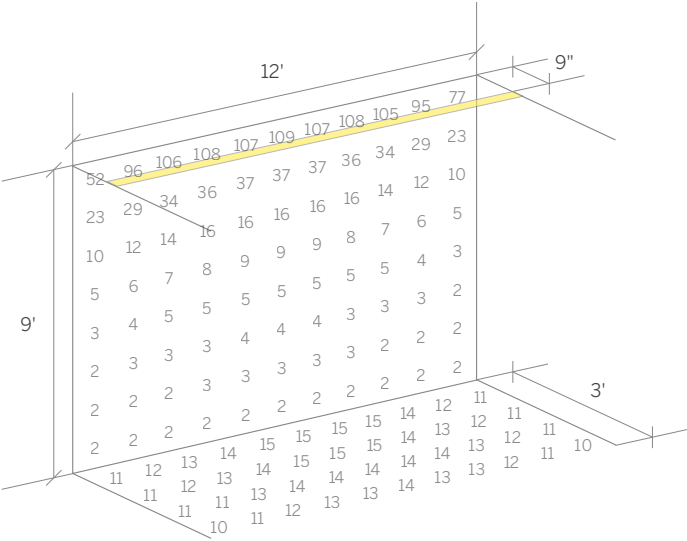
20 Mini Z Cove - Concealed Vertical Illumination

WG 20MZC-RPT

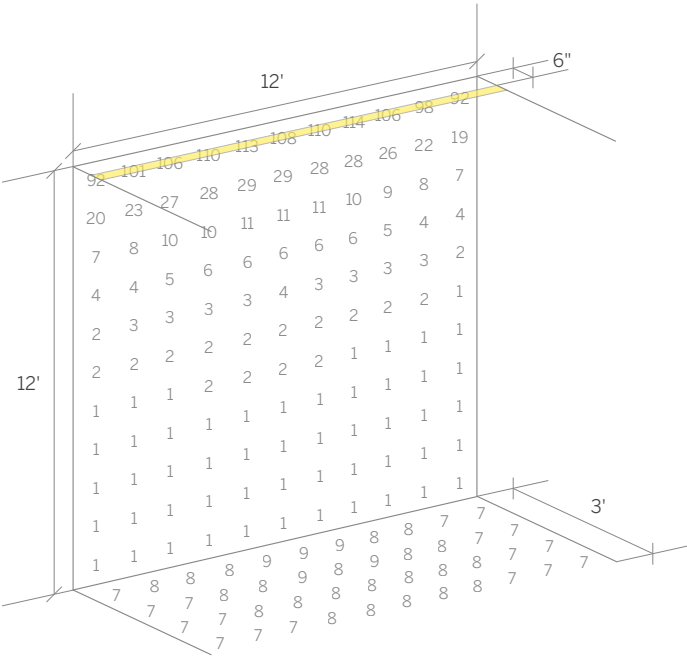
9' Ceiling, 6" Offset



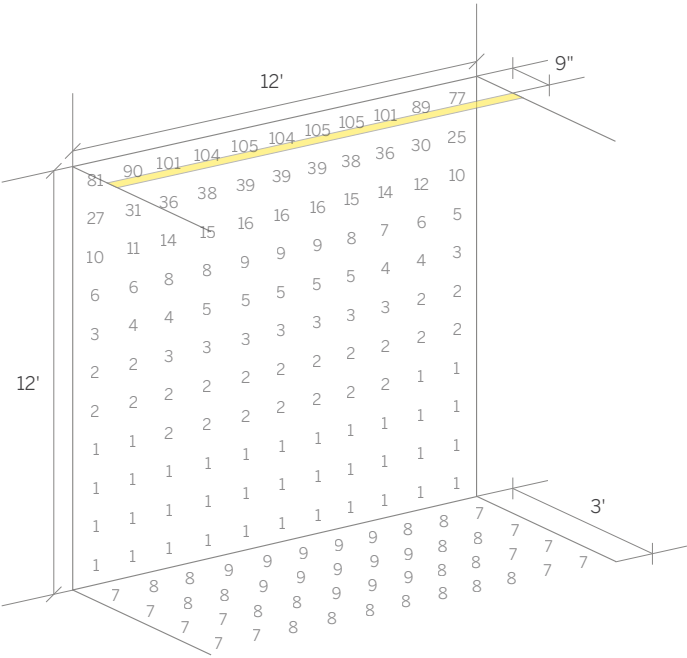
9' Ceiling, 9" Offset



12' Ceiling, 6" Offset



12' Ceiling, 9" Offset



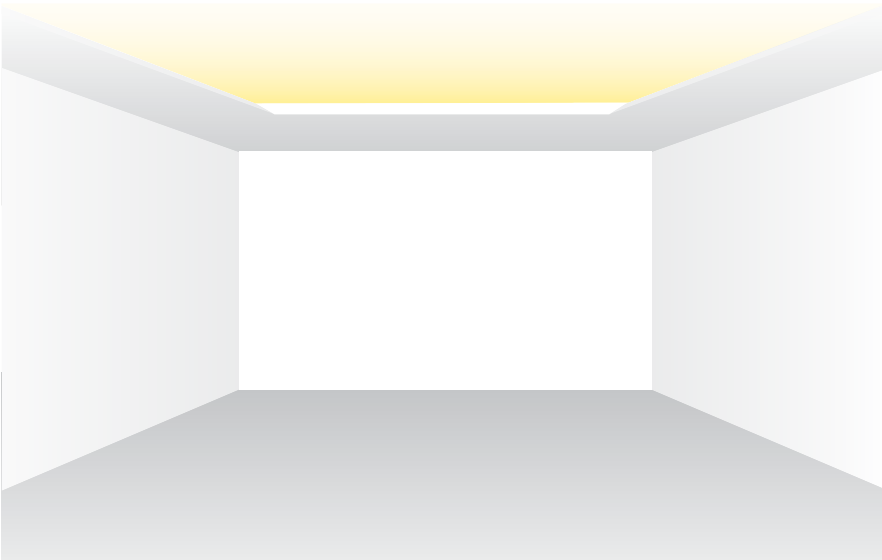
Values in Foot Candles

Calculated on the following basis:

| | | | | | |
|--------------|--------------------|-------------|-------------|------------------|-----------------|
| | Maintenance Factor | LED | Diffuser | <div>index</div> | 20 Mini Z Cove |
| Reflectances | 1.0 | 579lm/ft* | Satin Clear | | Plaster Trim |
| Ceiling 70% | | 3000 Kelvin | | | |
| Walls 50% | | 90 CRI | | | Product Details |
| Floor 20% | | | | | 44 |

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.

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.

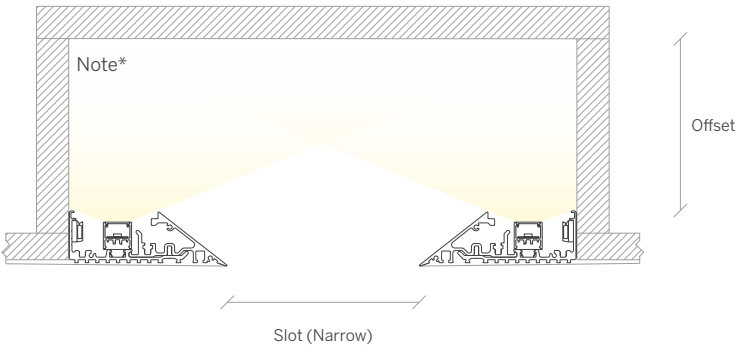
- Average Light Level
- Minimum Light Level
- Maximum Light Level

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

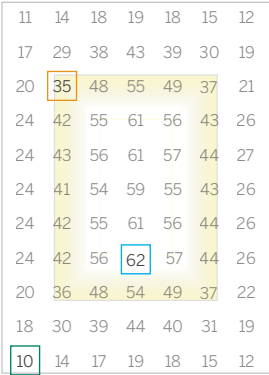
20 Mini Edgeless Cove

Plaster Trim

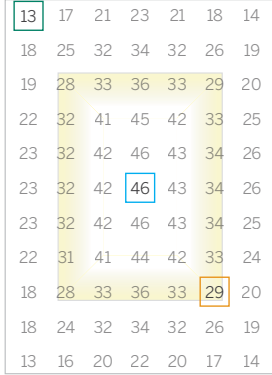
Product Details

30

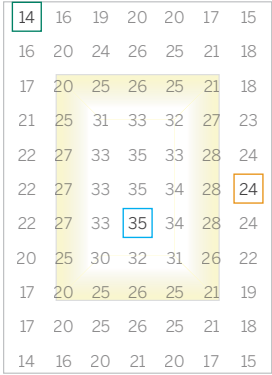
9' ceiling height



12' ceiling height



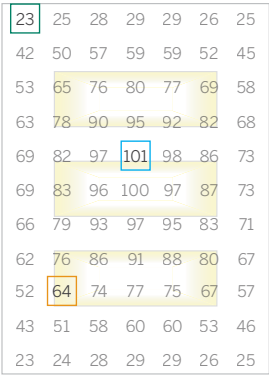
15' ceiling height



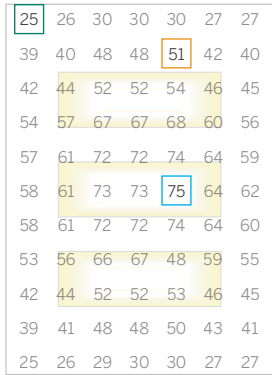
Room scenario 1
General lighting – Large single coffer

Room size 30' x 18'
Coffer dimensions 20' x 10'
Calculation results taken at task level.

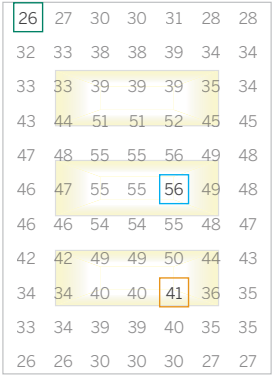
9' ceiling height



12' ceiling height



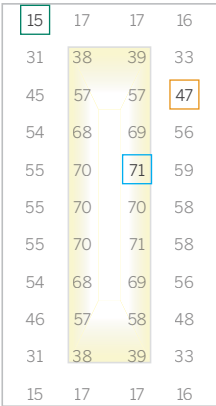
15' ceiling height



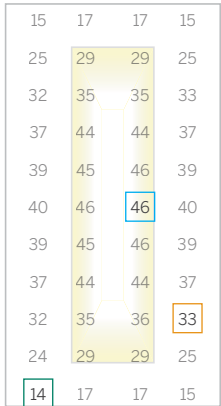
Room scenario 2
General lighting – Triple coffer

Room size 30' x 12'
Coffer dimensions 3x 9' x 5'
Calculation results taken at task level.

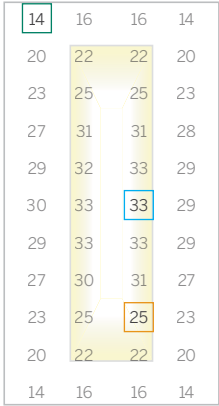
9' ceiling height



12' ceiling height



15' ceiling height



Room scenario 3
Corridor – Single linear coffer

Room size 30' x 8'
Coffer dimensions 20' x 4'
Calculation results taken at task level.

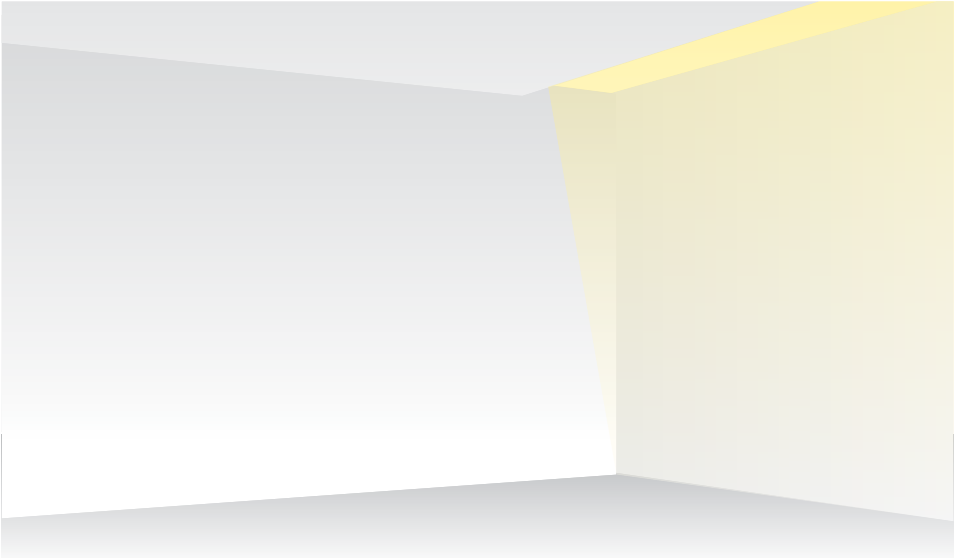
Calculated on the following basis:

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

Values in Foot Candles

20 Mini Edgeless Cove - Perimeter Reveal Application

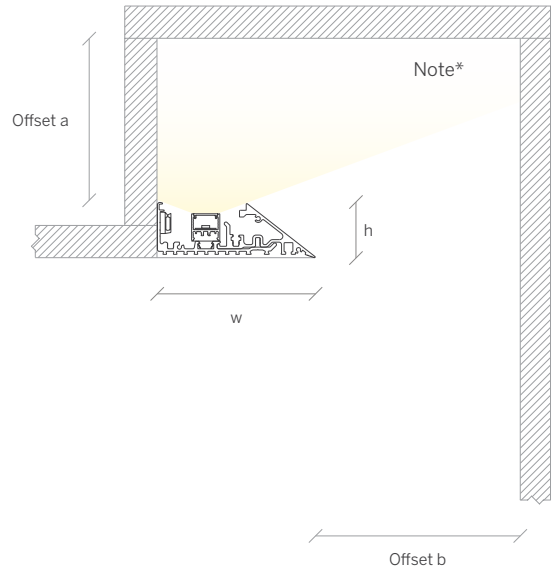
WG 20MEC-RPT



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

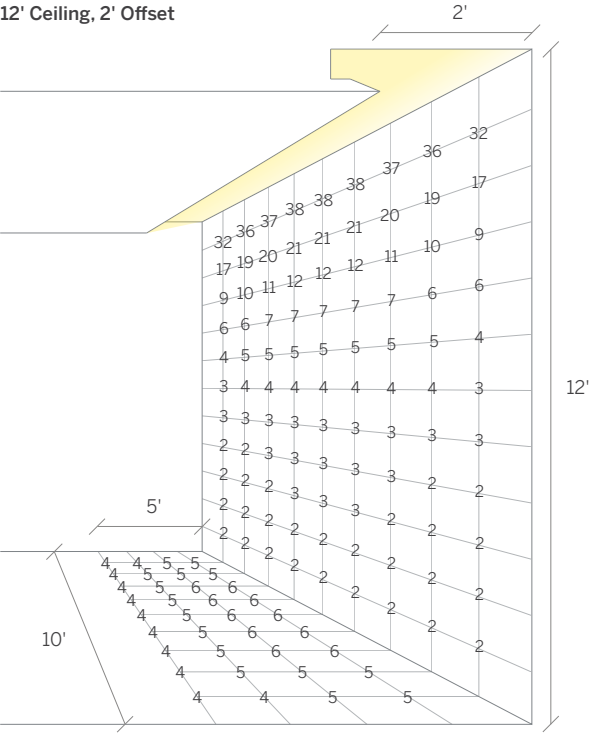
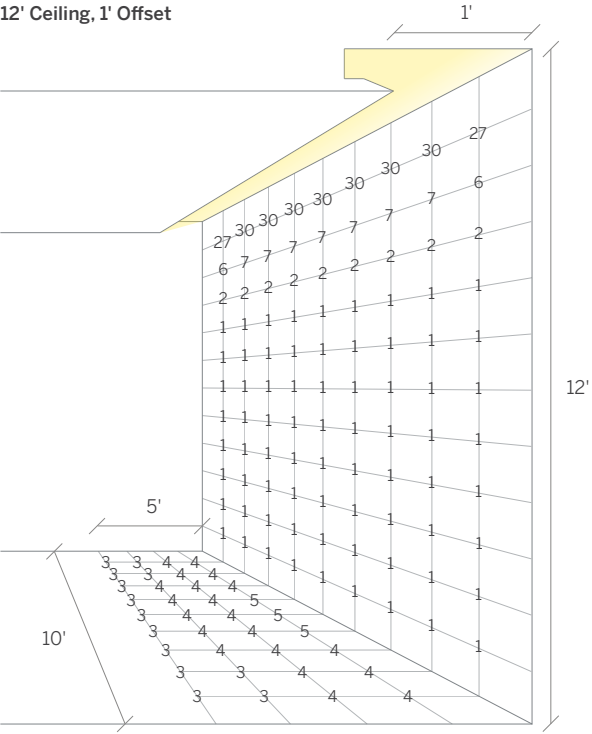


Note*
Paint out all internal surfaces of cove in matt white.

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)



Values in Foot Candles

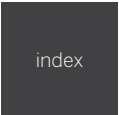
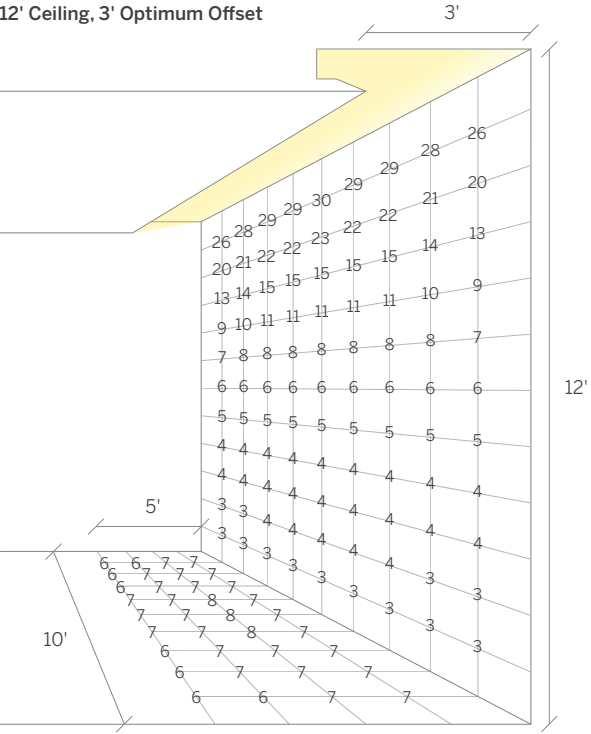
Calculated on the following basis:

Reflectances
Ceiling 70%
Walls 50%
Floor 20%

Maintenance factor
1.0

LED
579lm/ft*
3000 Kelvin
90 CRI

Diffuser
Satin Clear



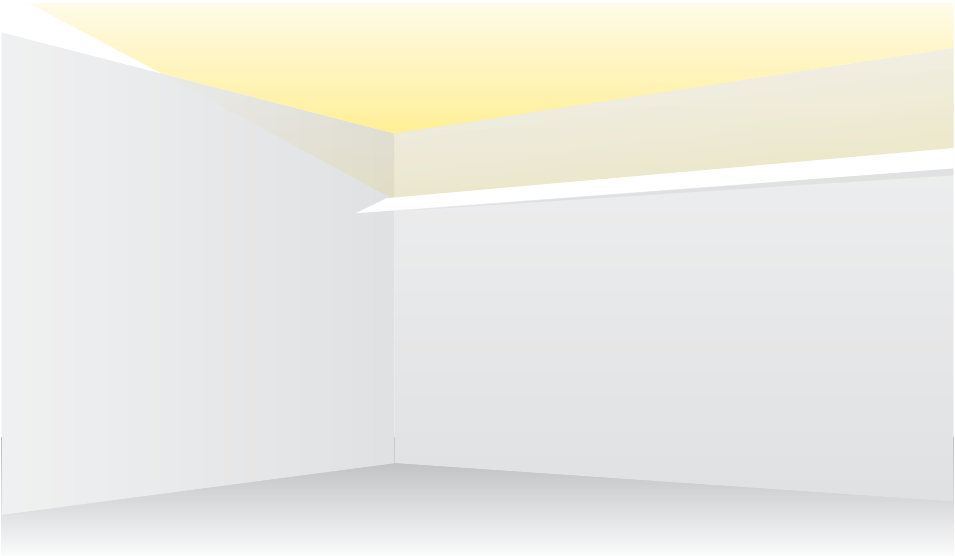
20 Mini Edgeless Cove
Plaster Trim

Product Details

*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



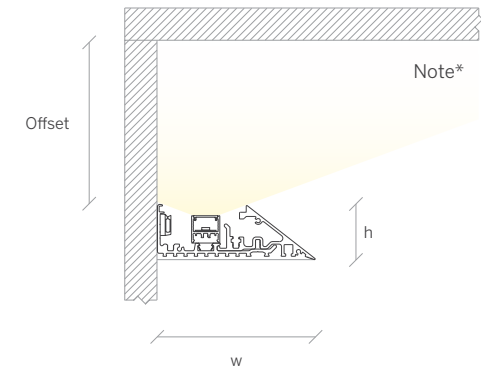
A versatile luminaire suited to uplighting applications, producing plenty of even ambient light and lifting the ceiling for a fresh feel to the space.

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

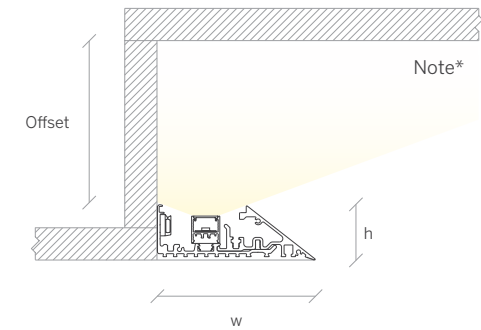


Note*
Paint out all internal surfaces of cove in matt white.

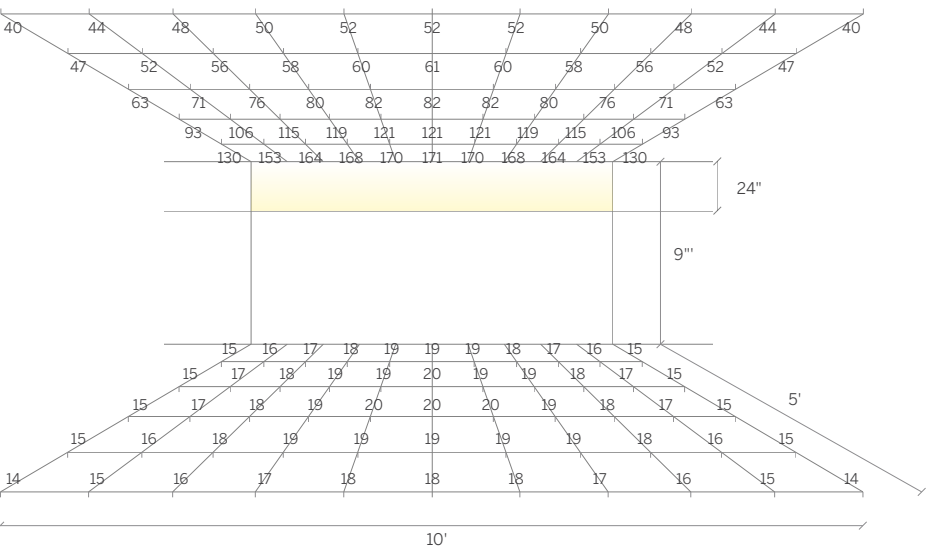
Offset
Typical Offset 12"
Optimum Offset 24"
Minimum Offset 4"

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

Ceiling Level Change (Coffer or Raft)



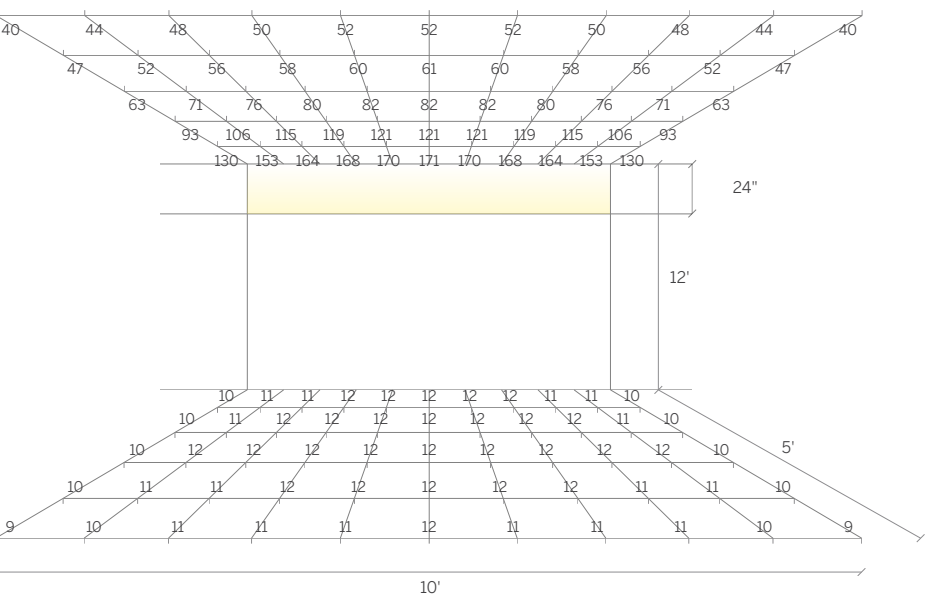
9' Ceiling, 24" Optimum Offset



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% | | | |

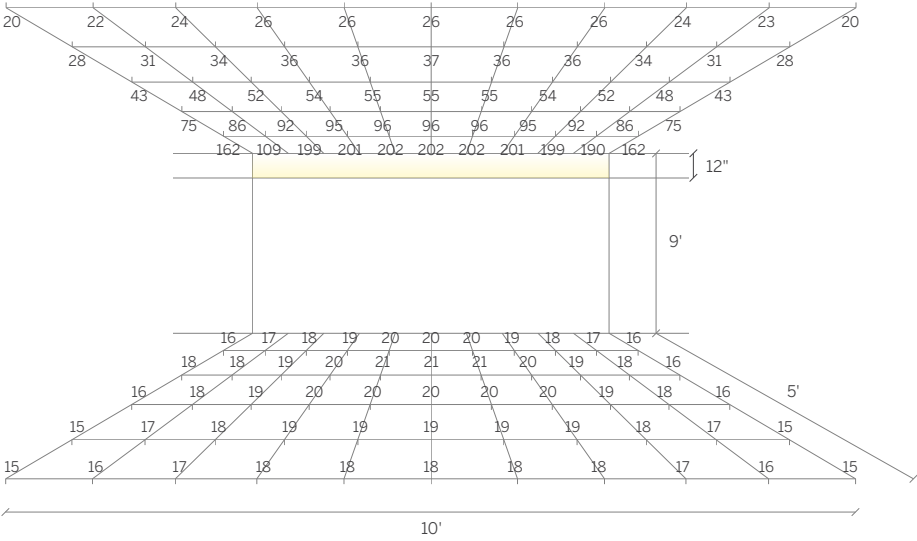
*Lumen data correct at the time of print. Source lumens shown. For up to date lumen data refer to specsheet.

| | | |
|-------|---------------------------------------|----|
| index | 20 Mini Edgeless Cove Plaster Trim | |
| | Product Details | 30 |

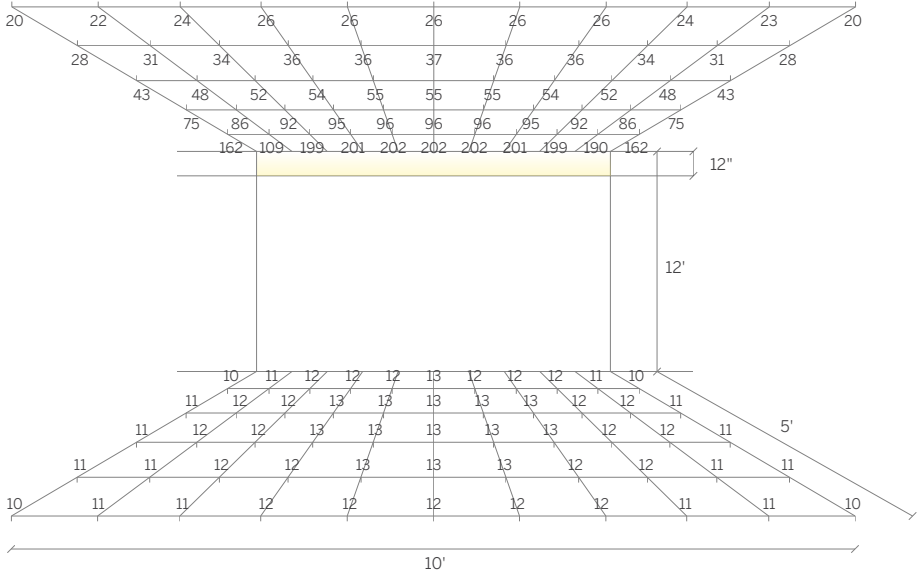
20 Mini Edgeless Cove - Indirect/Uplighting

WG 20MEC-RPT

9' Ceiling, 12" Offset

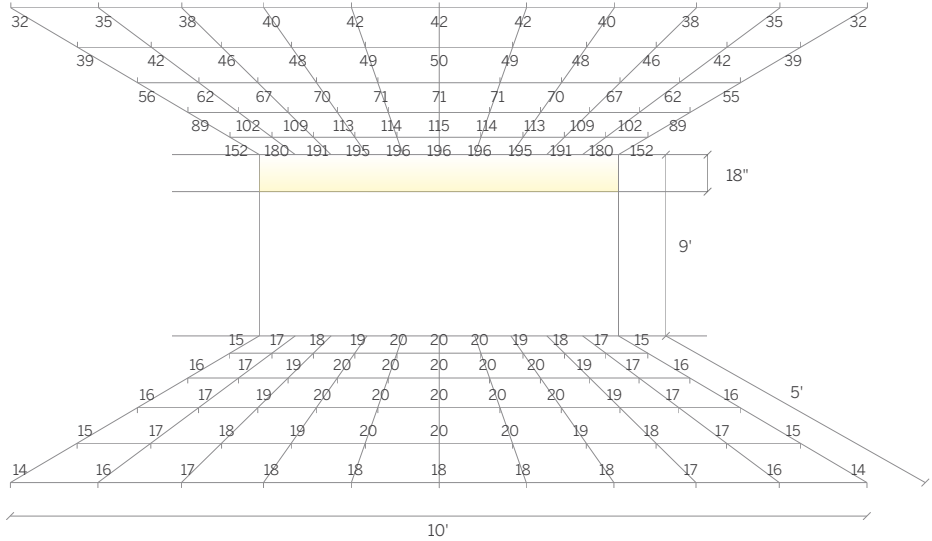


12' Ceiling, 12" Offset

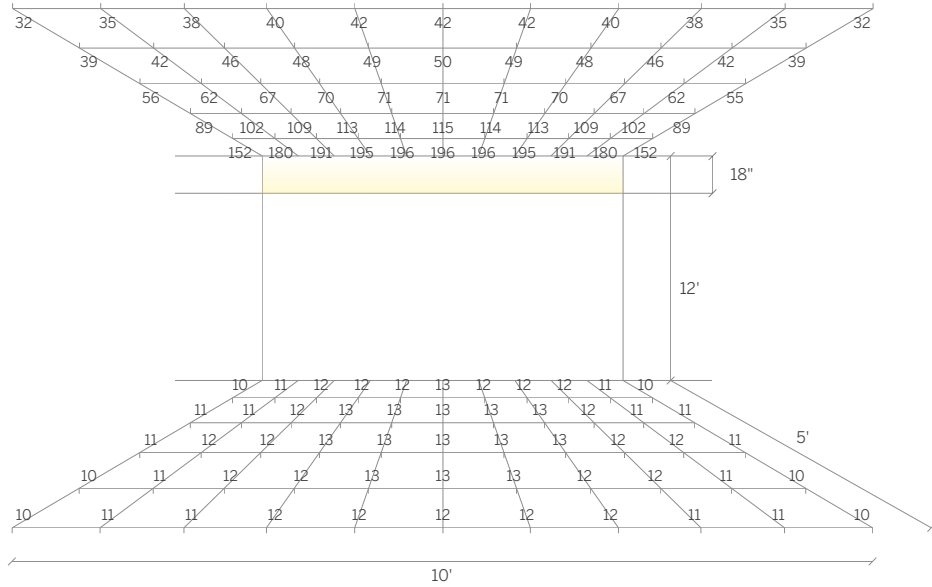


Values in Foot Candles

9' Ceiling, 18" Offset



12' Ceiling, 18" Offset



Values in Foot Candles

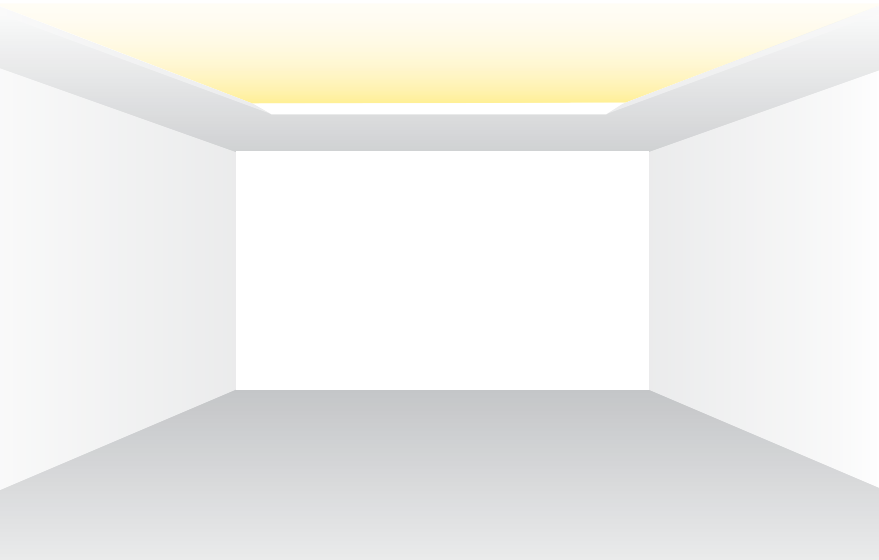
Calculated on the following basis:

| | 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.

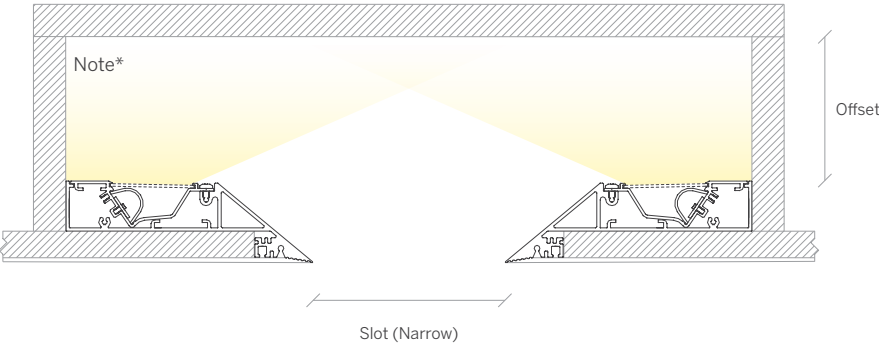
In both cases the aluminum profile forms a perfectly crisp contrasting edge against the lit surface above.

Mounting Options Shown Using Mini Edgeless Cove

Option 1: Wide Coffe



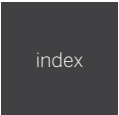
Option 2: Narrow Slot



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 |

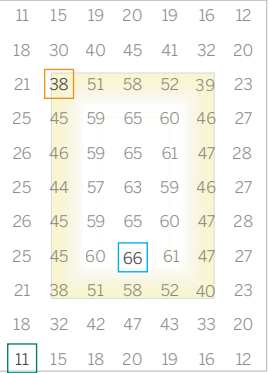


These light maps show expected light levels across a room of the size indicated with a coffered ceiling detail providing indirect ambient light, created with the Mini Edgeless Cove luminaire.

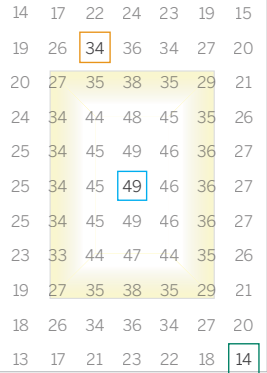
The minimum, average and maximum light levels are called out for reference. Three ceiling heights are given for each scenario.

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

9' ceiling height



12' ceiling height



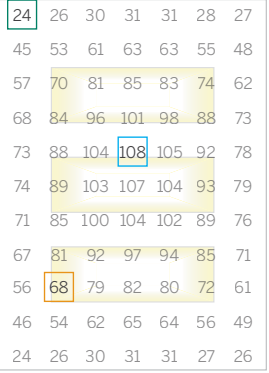
15' ceiling height



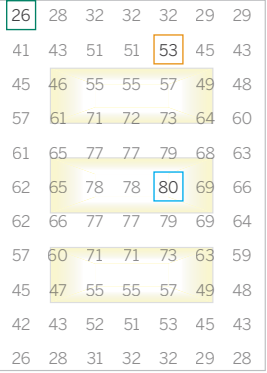
Room scenario 1
General lighting – Large single coffer

Room size 30' x 18'
Coffer dimensions 20' x 10'
Calculation results taken at task level.

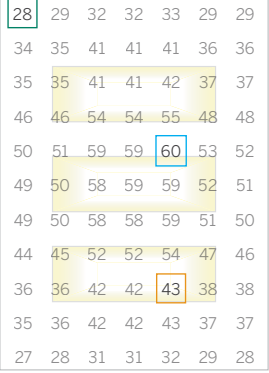
9' ceiling height



12' ceiling height



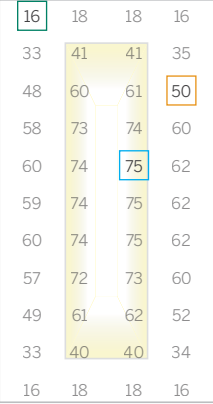
15' ceiling height



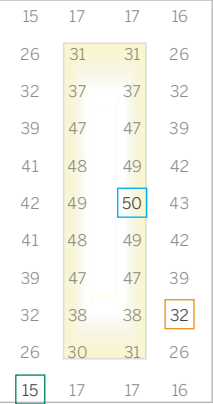
Room scenario 2
General lighting – Triple coffer

Room size 30' x 12'
Coffer dimensions 3x 9' x 5'
Calculation results taken at task level.

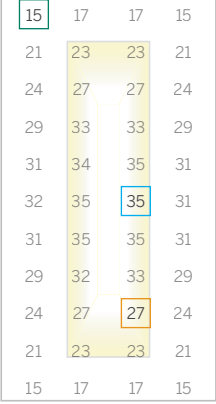
9' ceiling height



12' ceiling height



15' ceiling height



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:

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

Values in Foot Candles

Edgeless and Box Coves - Perimeter Reveal Application

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



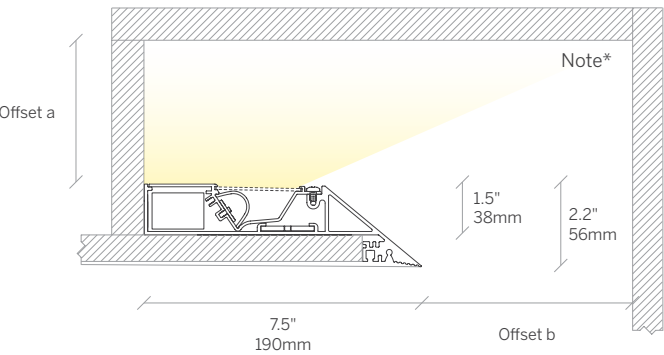
A versatile family of cove luminaires suited to uplighting applications, producing plenty of even ambient light and lifting the ceiling for a fresh feel to the space.

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.

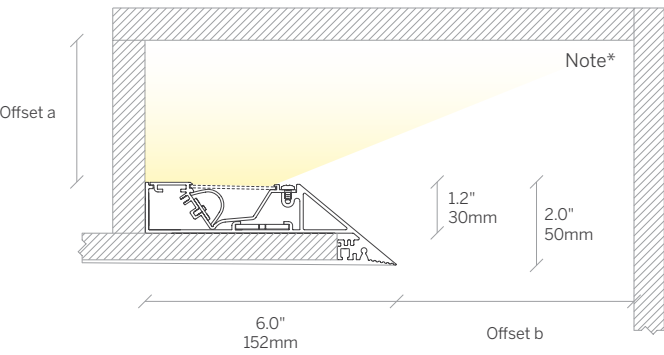
In both cases the aluminum profile forms a perfectly crisp contrasting edge against the lit surface above.

Mounting and Recommended Spacing

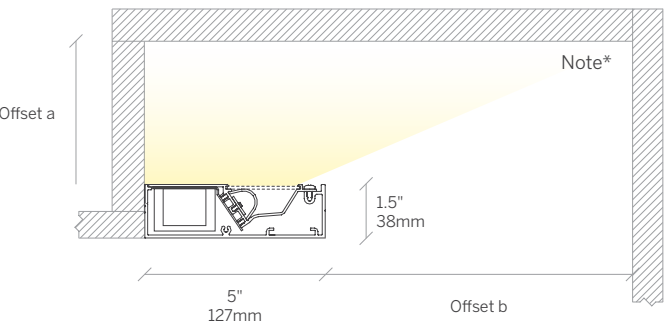
Edgeless Cove



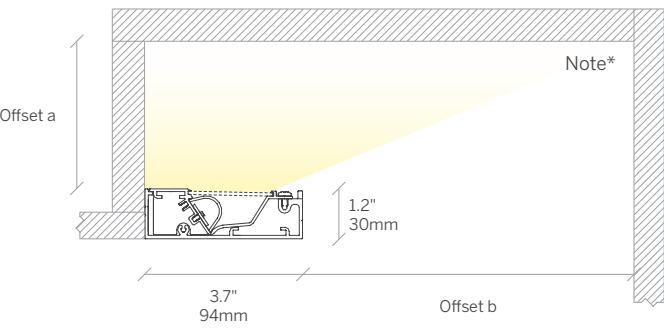
Mini Edgeless Cove



Box Cove

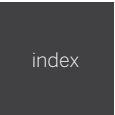


Mini Box Cove

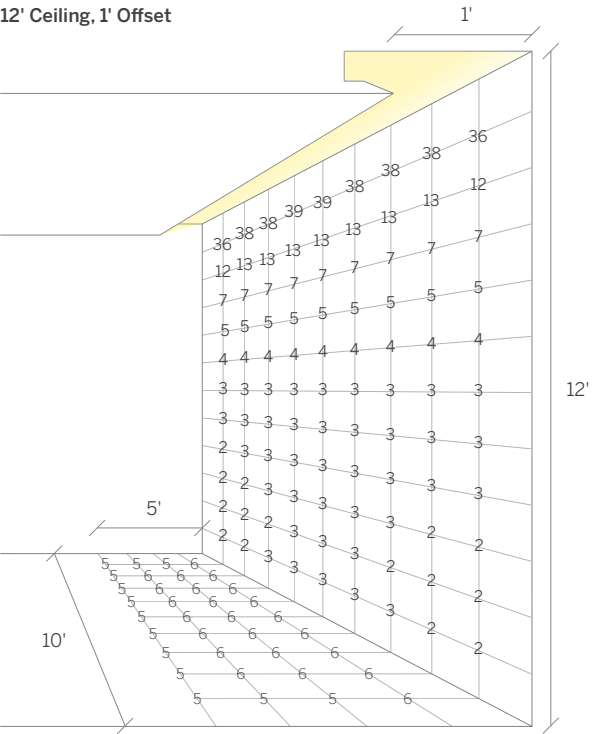


Note*
Paint out all internal surfaces of cove in matt white.

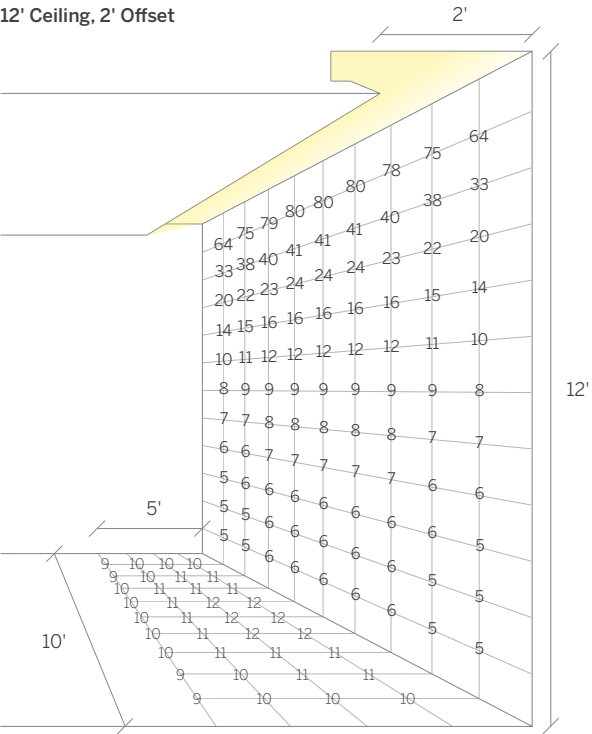
| | |
|--|--|
| Offset a Typical Offset 24" Minimum Offset 6" | Offset b Typical Offset 12"-36" Minimum Offset 6" Optimum Offset 36" |
|--|--|



12' Ceiling, 1' Offset



12' Ceiling, 2' Offset



Values in Foot Candles

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

Calculated on the following basis:

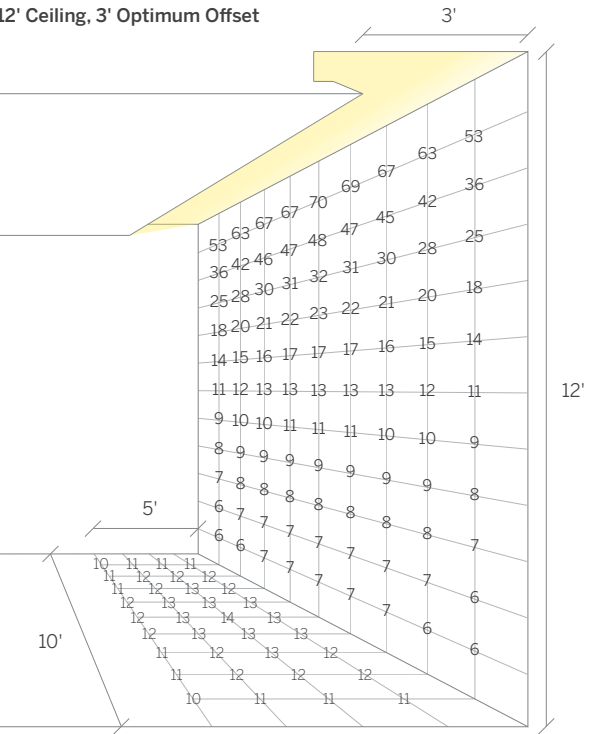
Reflectances
Ceiling 70%
Walls 50%
Floor 20%

Maintenance factor
1.0

LED
897lm/ft*
3000 Kelvin
90 CRI

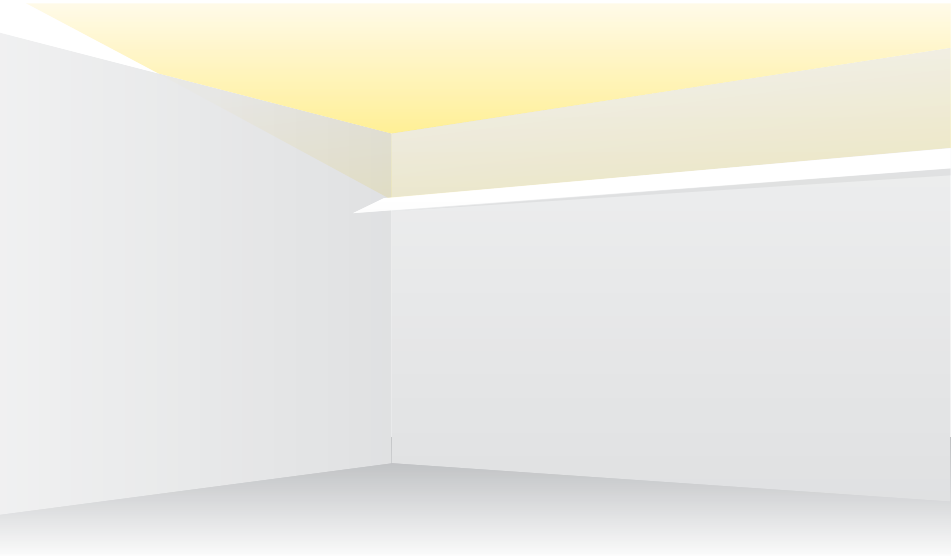
Diffuser
Snap in Satin

12' Ceiling, 3' Optimum Offset



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.

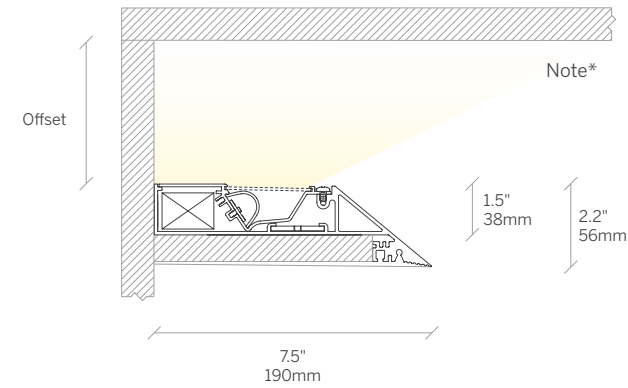
The Edgeless Coves have a leading edge which rakes back to minimize the impression of the luminaire.

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

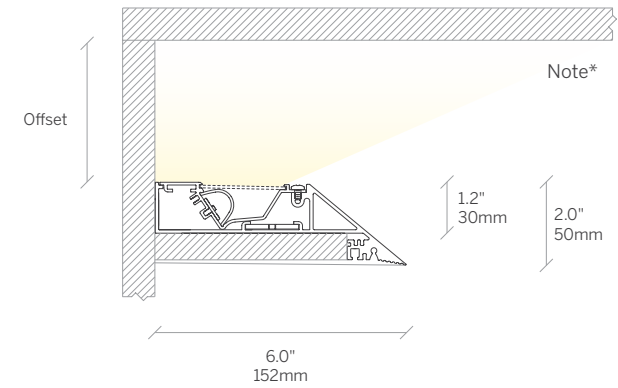
In both cases the aluminum profile forms a perfectly crisp contrasting edge against the lit surface above.

Mounting and Recommended Spacing

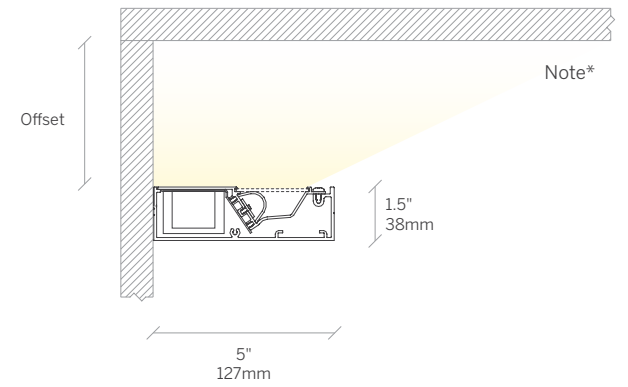
Edgeless Cove



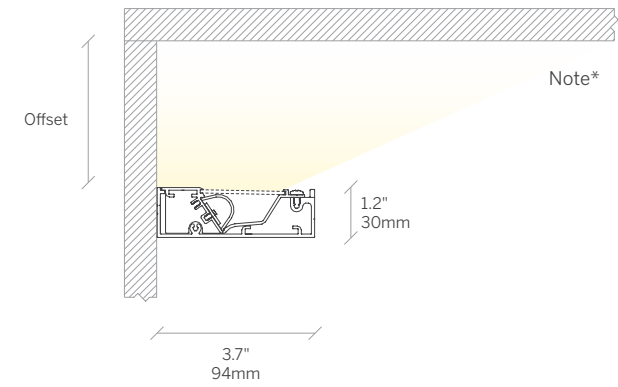
Mini Edgeless Cove



Box Cove

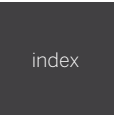


Mini Box Cove

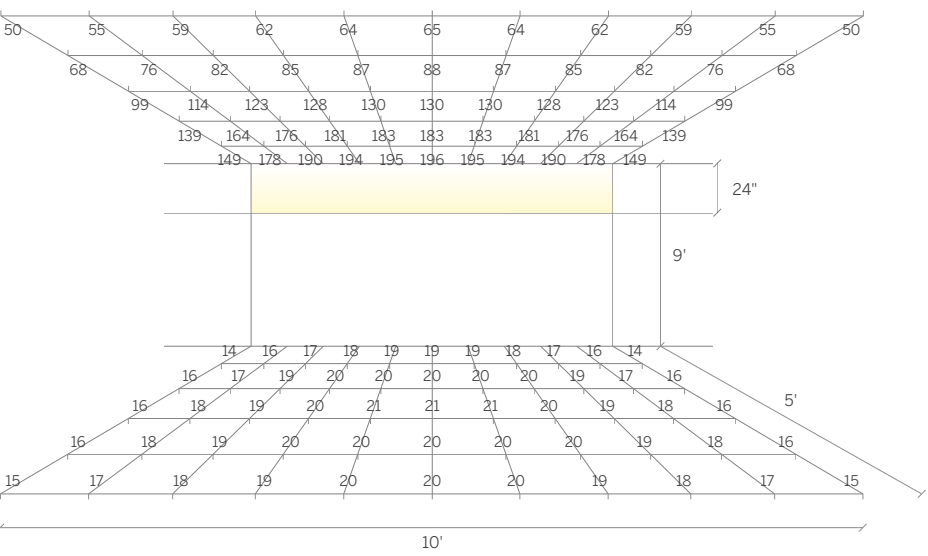


Note*
Paint out all internal surfaces of cove in matt white.

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



9' Ceiling, 24" Optimum Offset



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

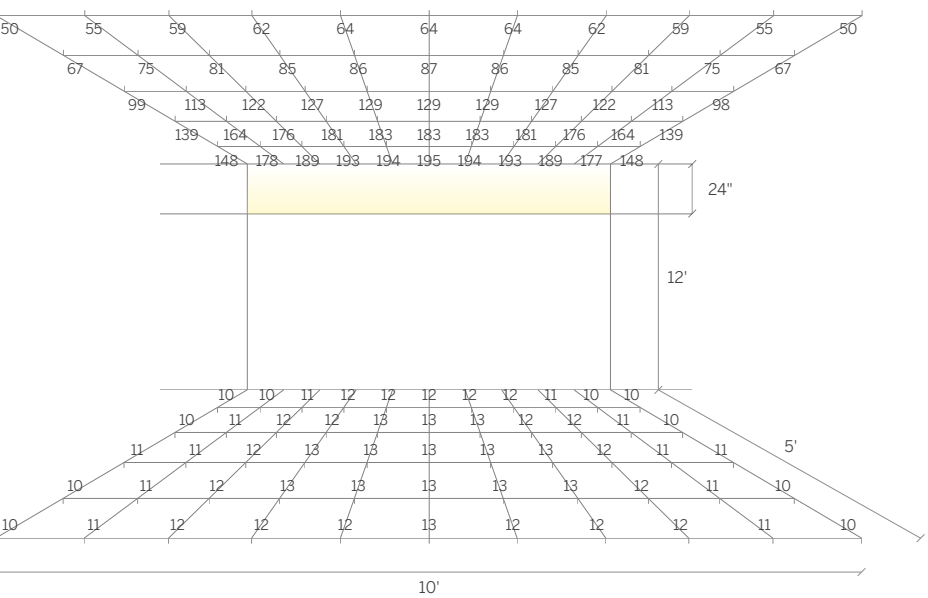
LED

897lm/ft*
3000 Kelvin
90 CRI

Diffuser

Snap in Satin

12' Ceiling, 24" Optimum Offset



Values in Foot Candles

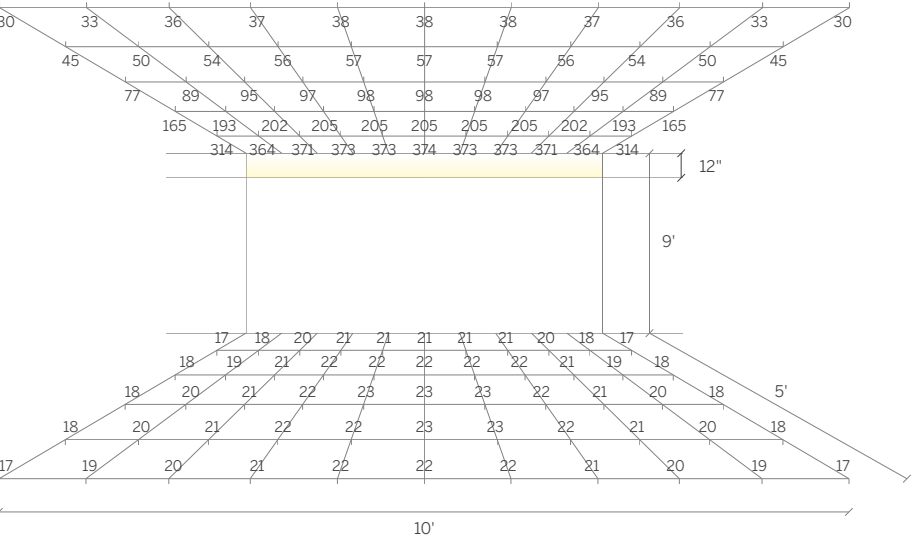
| Edgeless Cove Plaster Trim | | Mini Edgeless Cove Plaster Trim | | Box Cove Surface Mount | | Mini Box Cove Surface Mount | |
|-------------------------------|----|------------------------------------|----|---------------------------|----|--------------------------------|----|
| Product Details | 20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

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

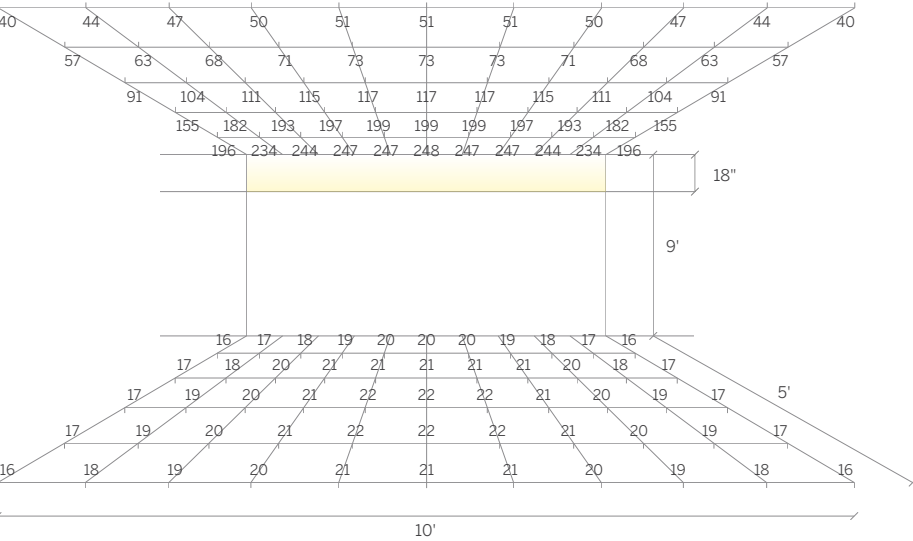
Edgeless and Box Coves - Indirect/Uplighting

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

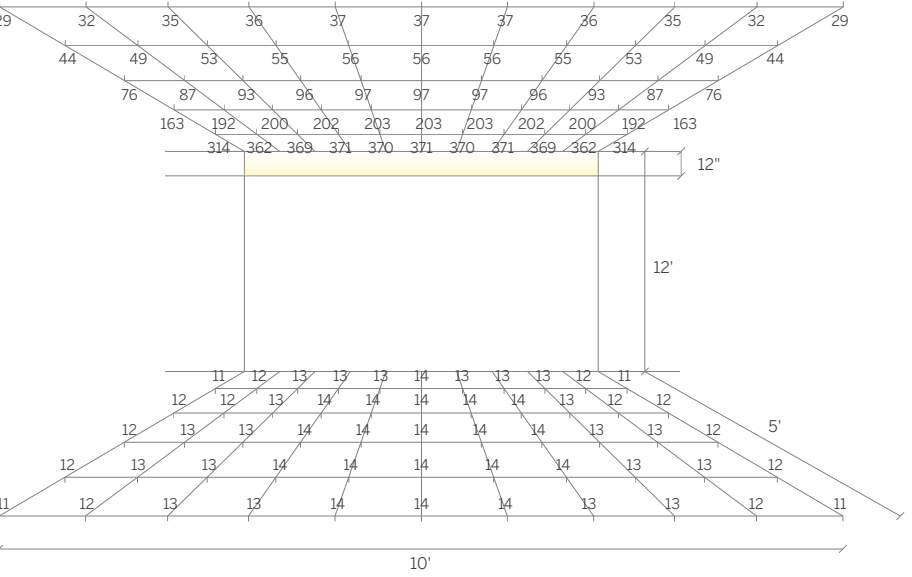
9' Ceiling, 12" Offset



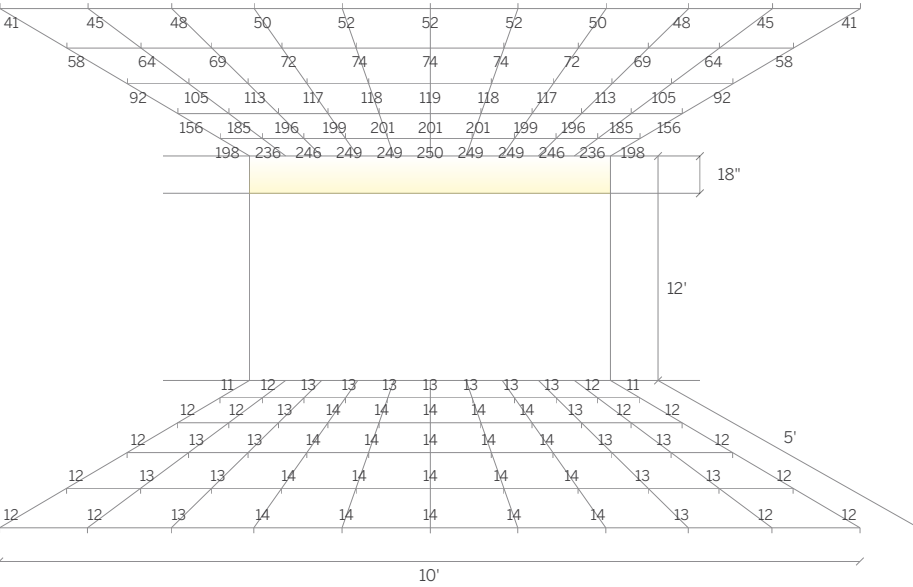
9' Ceiling, 18" Offset



12' Ceiling, 12" Offset



12' Ceiling, 18" Offset

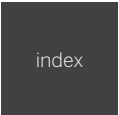


Values in Foot Candles

Values in Foot Candles

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% | | | |

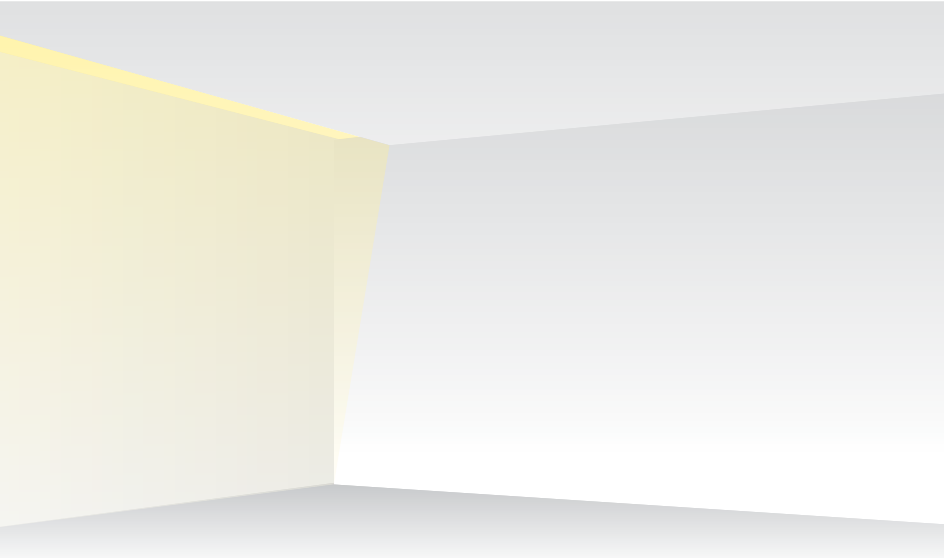


| Edgeless Cove | | Mini Edgeless Cove | | Box Cove | | Mini Box Cove | |
|-----------------|----|--------------------|----|-----------------|----|-----------------|----|
| Plaster Trim | | Plaster Trim | | Surface Mount | | Surface Mount | |
| Product Details | 20 | Product Details | 22 | Product Details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

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

V Cove - Concealed Vertical Illumination

WG VBC-RPT, WG VBC-RBT



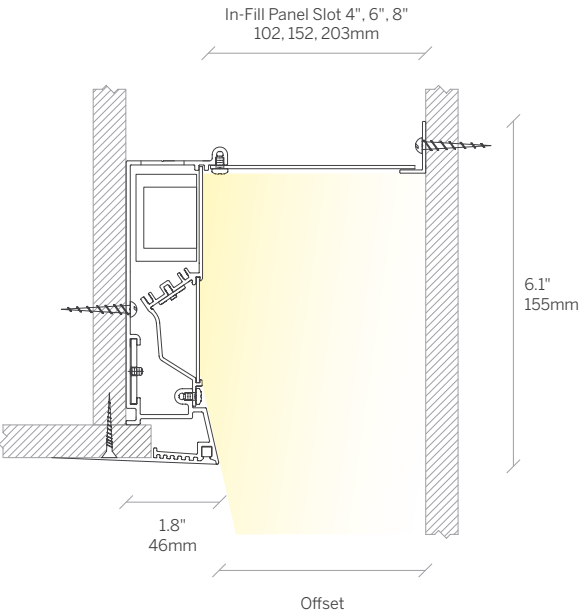
The V Cove is a perimeter slot luminaire which delivers light down the surface of the wall from a minimal slot width.

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

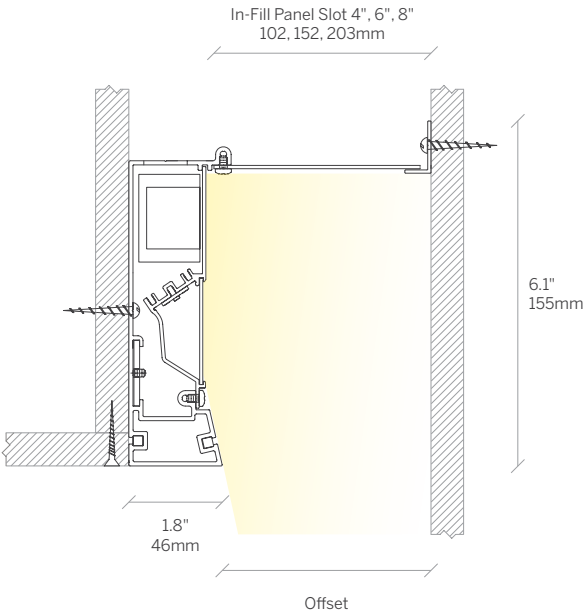
This luminaire is ideal for creating a focal wall within a space, delivering a strong, evenly graduated wash of light from a relatively small aperture. It is worth noting that it can also be used in other orientations.

Mounting and Recommended Spacing

Option 1 Plaster Trim



Option 2 Bezel Trim

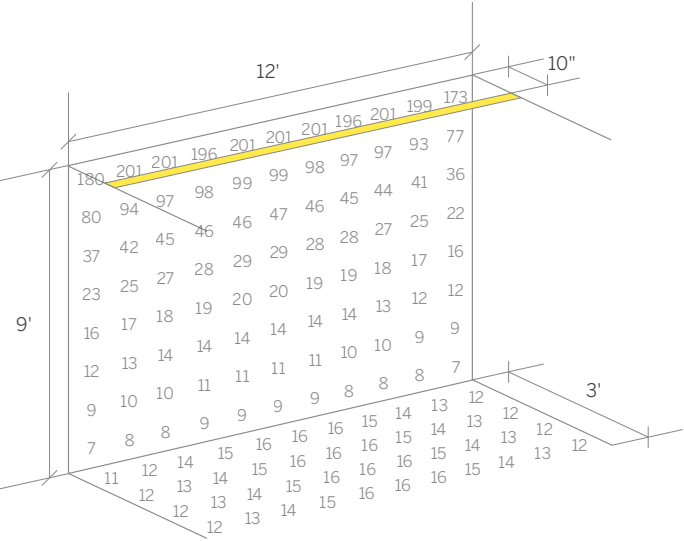


Note*
Paint out all internal surfaces of cove in matt white.

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

| Vertical Cove | |
|--------------------------|----|
| Plaster Trim, Bezel Trim | |
| Product Details | 32 |

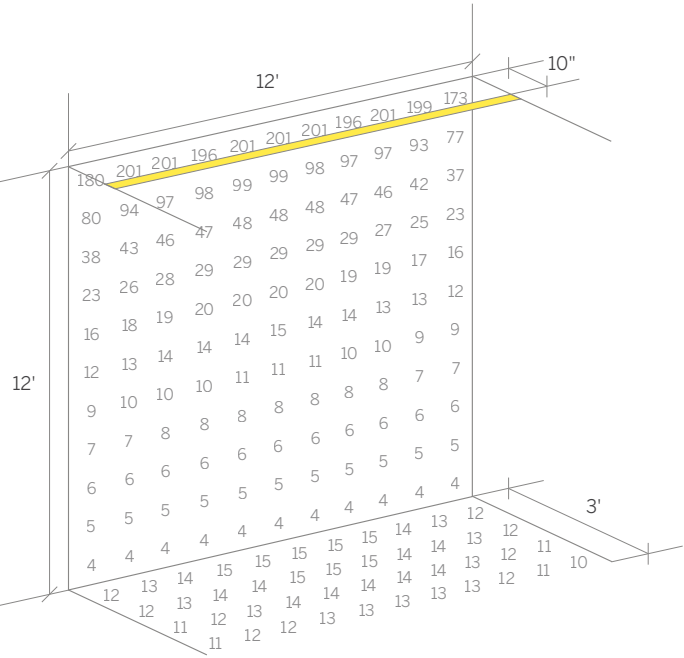
9' Ceiling, 10" Offset



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 optimum offsets for the ceiling heights as shown.

12' Ceiling, 10" Offset

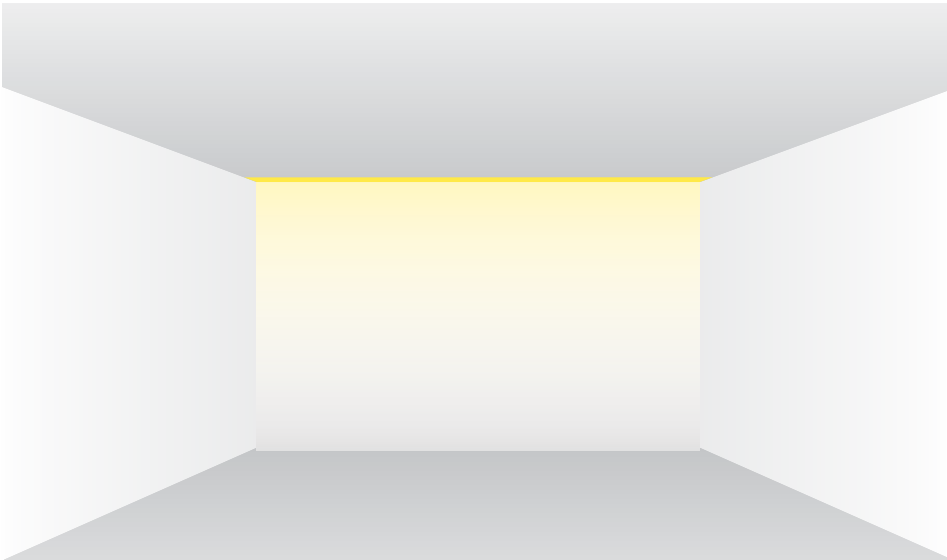


Values in Foot Candles

| | | | |
|------------------------------------|---------------------------|-------------|-----------------|
| 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 | |

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

20 Linear Perimeter Flush
WG 20LPF-RPT, WG 20LPF-RBT, WG 20LPF-RRT, WG 20LPF-RGT

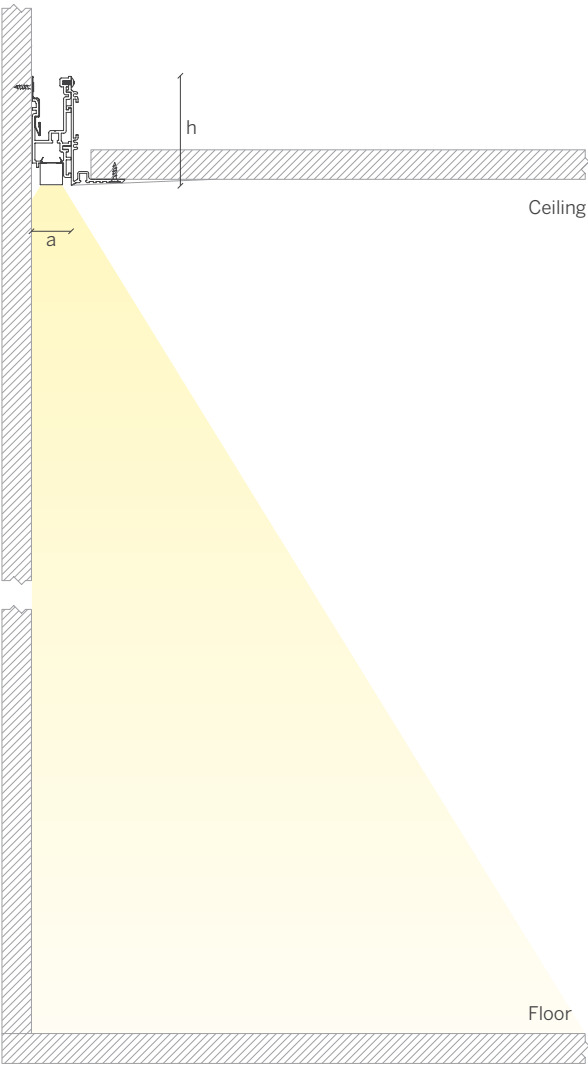


The 20 Linear Perimeter Flush is a perimeter pocket system with a flush mounted light source for continuous illumination of adjacent surfaces, available in any length, and with various mounting trims, to fully integrate with the architecture.

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



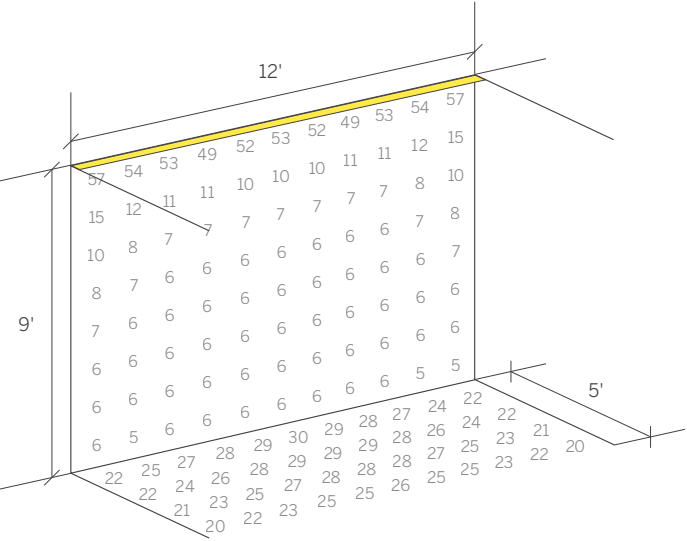
Plaster Trim Mounting shown in diagram

20 Linear Perimeter Flush Dimensions (regardless of mounting)

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

Table with 2 columns: Product Details, 46-49. Row 1: 20 Linear Perimeter All Trim Options.

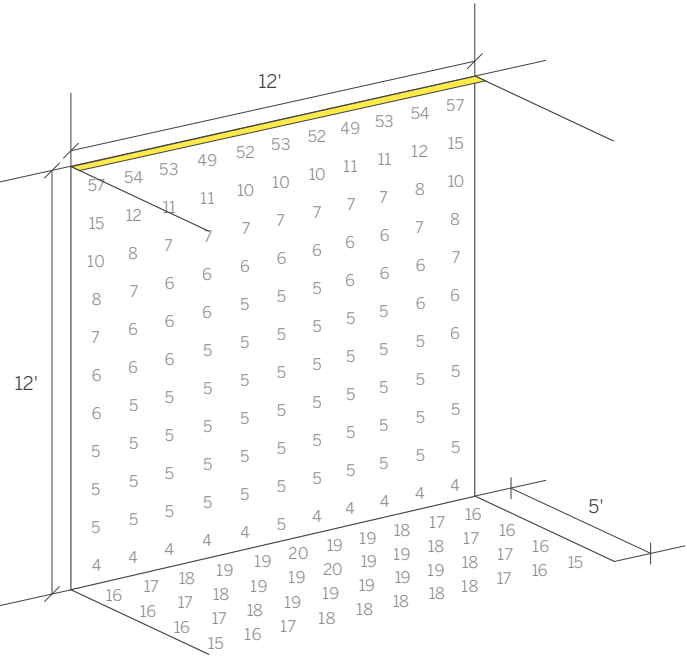
9' Ceiling



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



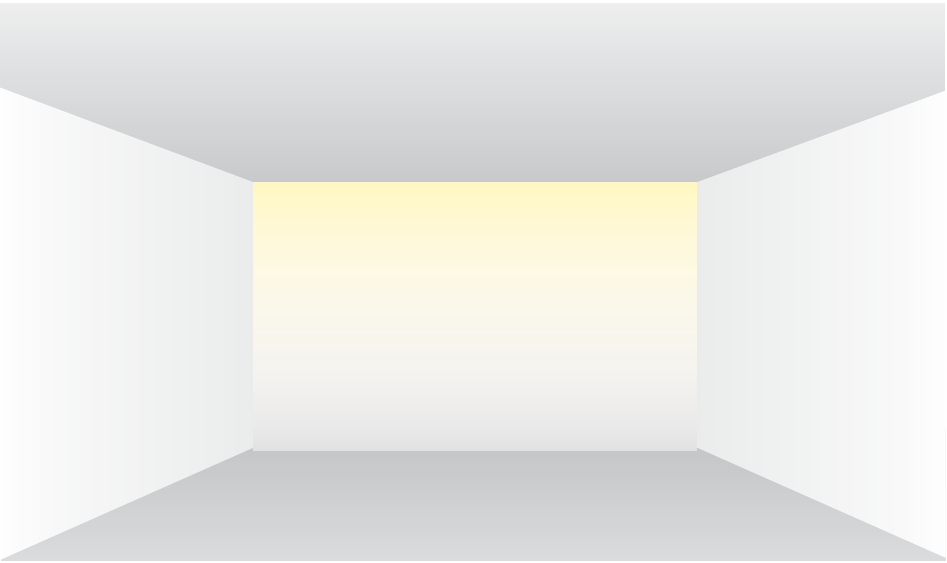
Values in Foot Candles

Calculated on the following basis:

Table with 4 columns: Reflectances, Maintenance Factor, LED, Diffuser. Row 1: Ceiling 70%, Walls 50%, Floor 20%, 1.0, 579lm/ft*, Satin Opal.

20 Linear Perimeter Regressed

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



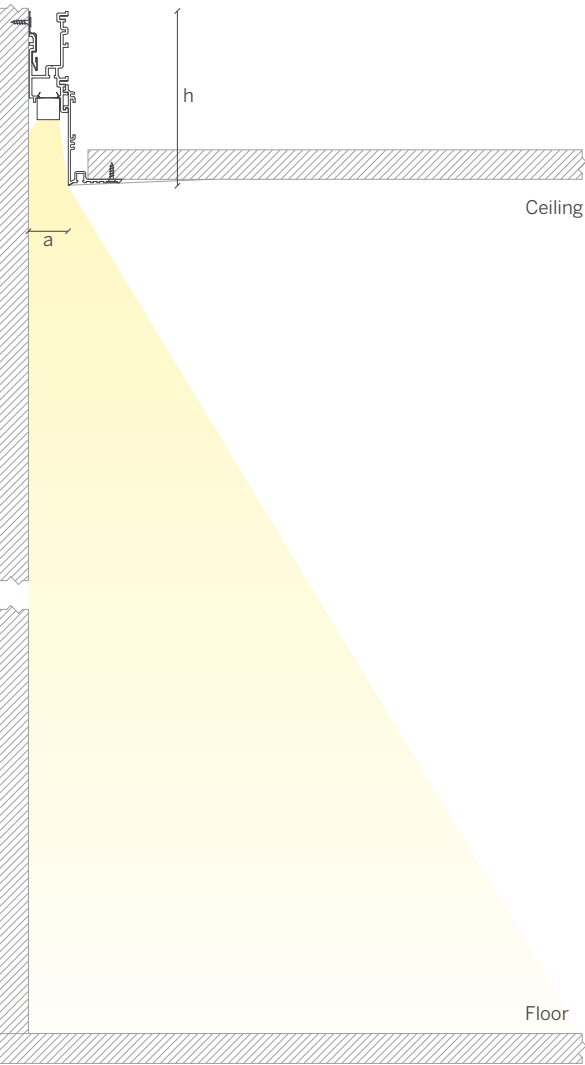
The 20 Linear Perimeter Regressed is a perimeter pocket system with a deep regressed light source for continuous illumination of adjacent surfaces, available in any length, and with various mounting trims and optical accessories, to fully integrate with the architecture.

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

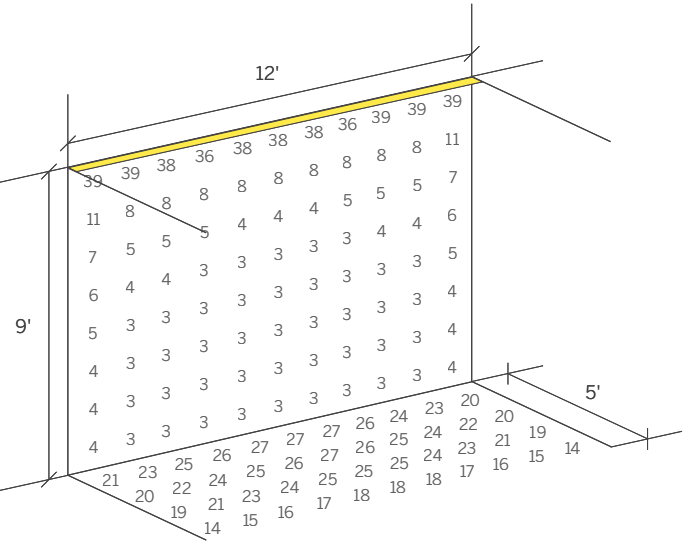


Plaster Trim Mounting shown in diagram

20 Linear Perimeter Regressed Dimensions (regardless of mounting)

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

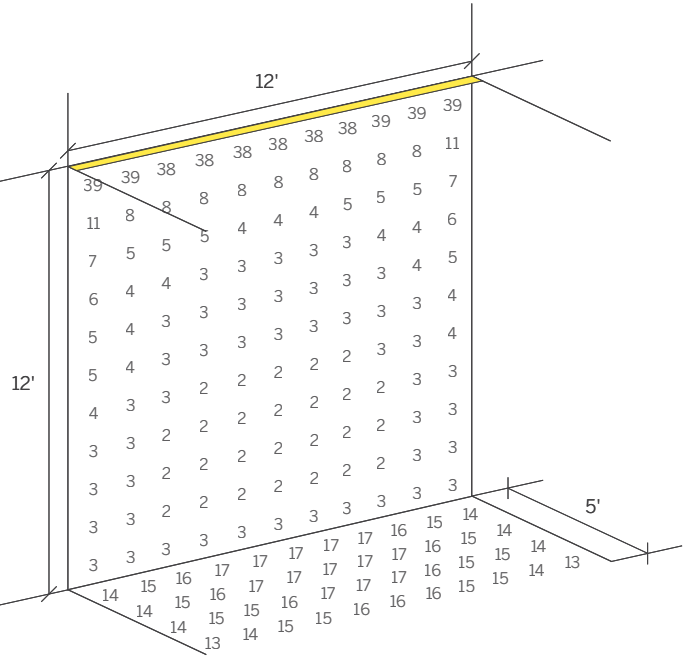
9' Ceiling



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% | | | |

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

*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

page 2-3
project Corporate HQ
location Lehi, Utah
architect Gensler
photography Ryan Gobuty

page 4
project Corporate HQ
location Lehi, Utah
architect Gensler
photography Ryan Gobuty

page 16-17
project Venable LLP
location Washington, DC
architect Alliance Architecture
lighting design MCLA
photography Eric Laignel

page 19
project The Core, Eden Project
location Cornwall, UK
architect Grimshaw Architects
lighting design Mindseye
photography Andy Spain

page 54-55
project Rockville Town Center
location Rockville, MD
architect R2L:Architects, PLLC
photography Steve Lerum, Inter-lux

page 87
project Senova Dental Practice
location London, UK
architect FLACQ Architects
photography Andy Spain

index



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.