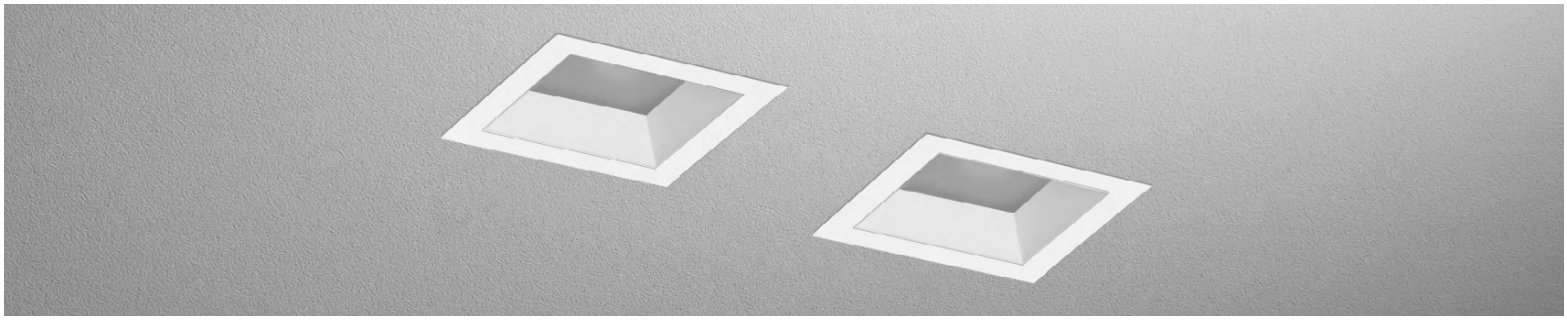
# PRIME

3" ARCHITECTURAL SPACED APERTURE SQUARE FLANGE DOWNLIGHT



**USE OF PRODUCT**
The Spaced Aperture series is designed for commercial, hospitality, retail, education, and premium residential applications. This multi-aperture recessed luminaire enhances both lighting performance and ceiling aesthetics. By integrating multiple precision light sources within a single housing, the design promotes uniform spacing, simplifies installation, minimizes ceiling penetrations, and delivers a clean, sophisticated architectural appearance.

**LED ENGINE**
LED engine available in 2700K, 3000K, 3500K, or 4000K in standard 90+ CRI. 2-step MacAdam ellipse allows for color consistency between fixtures. The LED is mounted to an aluminum heat sink for maximum life output and thermal management. LED engine is accessible from below the ceiling.

**OPTICAL LENS**
Field replaceable optical lenses are available in 12°, 25°, 30°, 40°, 50°, and 70°. Easily achieve narrow spot to wide flood beam pattern.

**FRAME CONSTRUCTION**
IC and Non-IC rated housing are constructed from a 16-gauge heavy-duty, powder-coated cold-rolled steel frame and includes a junction box with ½" knockouts. Butterfly brackets (included) accommodate universal or C-channel hangers (order separately).

**ADJUSTMENT**
- Housing supports 359° locking rotation.
- Aperture collar compatible up to 1½" ceiling thickness. Consult factory for made-to-order aperture collars exceeding 1½".

**DIMMING**
Available in nine driver selections. (ID) Standard all-inclusive ELV (120V), Triac (120V), and 0–10V (120–277V) dimming driver called Intelligent Drive, (EEI) eldoLED 1% Dim 0-10V, (EEIS) eldoLED 1% Dim 0-10V (120-277V) and Triac (120V), Max 20W, (EDIO) eldoLED 0.1 Dim 0-10V, (EDID) eldoLED 0.1% Dim DALI, (EDD) eldoLED 1% Dim DALI2, (LDE1) Lutron Hi-Lume 1% Ecosystem with Soft-on, Fade-to-Black Dimming, (L3DA) Hi-Lume 1% Ecosystem/3-Wire L3D Driver, (PEQ0) Lutron Hi-Lume Premier Ecosystem 0.1% with Soft-on, Fade-to-Black Dimming.

**TRIM**
Flange trims available in die-cast and includes standard frosted acrylic diffuser. Remove standard frosted acrylic diffuser in field for 7% lumens increase. Consult factory for made-to-order finishes. Wet location for bathrooms and showers with standard lens on trim.

**EMERGENCY BATTERY**
Optional Emergency Battery (EM) available in 8W (≈800 lm), or 15W (≈1,500 lm) available for a minimum of 90 minutes.

**LABELS/COMPLIANCE/WARRANTY**
- CSA listed for US and Canada
- Energy Star certified product
- Dry/Damp/Wet location rated
- State of California Title 24 and JA8 compliant
- Chicago Plenum with IC Housing
- 5-year limited warranty

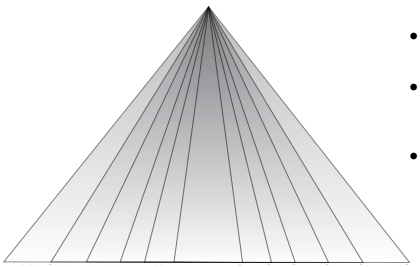
## GENERAL PERFORMANCE CHART

*Detailed performance chart may be found on page 3

| PER MODULE | 6W | 9W | 12W | 15W | 20W | 24W | 28W | 32W |
|---|---|---|---|---|---|---|---|---|
| **Initial Lumens** | 657/955 | 890/1296 | 1122/1618 | 1267/2015 | 1485/2422 | 2799 | 3128 | 3405 |
| **Delivered Lumens** | 586-755 | 794-1038 | 999-1319 | 1060-1642 | 1244-1985 | 1713-2296 | 1914-2569 | 2080-2785 |

* Values are listed at 3000K, 90+ CRI with a white bevel & trim.
Delivered lumens range based on beam spread.
Performance may vary +/- 5%

## BEAM SPREAD



**Available optics:** 12˚ 25˚ 30˚ 40˚ 50˚ 70˚

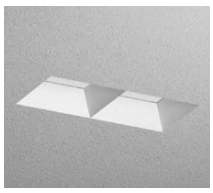
- Field replaceable TIR optics
- Easily achieve narrow spot to wide flood beam pattern
- Optional filters available upon request

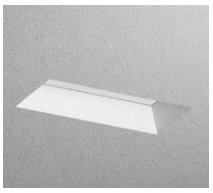
## PRIME FAMILY OF PRODUCTS

Downlight

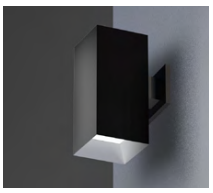
TechZone®

WoodWorks®


Multiple Dedicated Bevel


Multiple Open Bevel

Cylinder


Square Luminaire

Integer Lights continually works to improve products and reserves the right to make changes which may alter the performance, appearance or specification of products.

# PRIME

3" ARCHITECTURAL SPACED APERTURE SQUARE FLANGE DOWNLIGHT

## ORDERING INFORMATION

**Series**
RPA3

**Aperture Type**
**SA** - Spaced Aperture

**Module Configuration**
**2** - Two Module
**3** - Three Module
**4** - Four Module
**4S** - Four Module Square

**Wattage Per Module**
**6W** - 6 Watt
**9W** - 9 Watt
**12W** - 12 Watt
**15W** - 15 Watt
**20W** - 20 Watt
**24W** - 24 Watt
**28W**[1] - 28 Watt
**32W**[1] - 32 Watt

**Dimming**
**ID**[2] - Standard All-Inclusive ELV, Triac, and 0–10V Dimming Driver (Intelligent Drive)
**EEI**[3] - eldoLED 1% Dim (0–10V)
**EEIS**[4] - eldoLED 1% Dim 0-10V (120-277V), Triac (120V), Max 20W
**EDIO**[3] - eldoLED 0.1% Dim (0-10V)
**EDID**[3] - eldoLED 0.1% Dim (DALI)
**EDD**[3] - eldoLED 1% Dim (DALI2)
**LDE1**[5] - Lutron Hi-Lume 1% Ecosystem with Soft-on, Fade-to-Black Dimming
**L3DA**[5] - Hi-Lume 1% Ecosystem/3-Wire L3D Driver
**PEQ0** - Lutron Hi-Lume Premier Ecosystem 0.1% with Soft-on, Fade-to-Black Dimming

**Color Temperature**
**27** - 2700K
**30** - 3000K
**35** - 3500K
**40** - 4000K

**Optical Lens**
**12**[6,7] - 12°
**25** - 25°
**30** - 30°
**40** - 40°
**50** - 50°
**70** - 70°

**Filter**
**None** - Included
**F** - Frosted Filter
**H** - Honey Comb
**S** - Solite Filter
**L** - Linear Filter

**Housing Type**
**IC**[8] - IC Air-Tight New Construction
**NC** - Non-IC New Construction

**Collar**
**CS10** - 1.0" Depth
**CS15** - 1.5" Depth
**MTO** - Made To Order

**Module Type**
**FMH** - Downlight

**Frame Accessories**
**UH** - Universal Bar Hanger

**Options**
**ER8WR**[9] - 8W Remote Emergency Battery with Remote test switch (800 lm)
**ER15WR**[9] - Emergency Battery with Remote test switch (1,500 lm)
**CP**[10] - Chicago Plenum

Notes
1. Not available in IC housing.
2. Intelligent Drive is the standard driver.
3. Must specify logarithmic or linear eldoLED diver.
4. Driver available up to 20W and programmed only in linear mode.
5. Not offered in 6W.
6. 12° available up to 20W.
7. 12° spread without lens on trim.
8. Not available in 28W and 32W.
9. Ceiling access is required for IC housing to replace the EM unit
10. Requires IC housing.

## TRIM ORDERING INFORMATION

### DIE-CAST

**Bevel / Flange Finish**
May be mixed and matched

| | Trim Type | Bevel | Flange |
|---|---|---|---|
| 3" Square Flange Regress Small Opening | 3SFO-CS | **W** - White | **W** - White |
| | 3SFO-CS | **B** - Black | **B** - Black |
| | 3SFO-CS | **H** - Haze | **BZ** - Bronze |
| | 3SFO-CS | **BZ** - Bronze | **MTO** - Made To Order |
| | 3SFO-CS | **C** - Clear | |
| | 3SFO-CS | **MTO** - Made To Order | |
| 3" Square Flange Regress Large Opening | 3SFO-CL | **W** - White | **W** - White |
| | 3SFO-CL | **B** - Black | **B** - Black |
| | 3SFO-CL | **H** - Haze | **BZ** - Bronze |
| | 3SFO-CL | **BZ** - Bronze | **MTO** - Made To Order |
| | 3SFO-CL | **C** - Clear | |
| | 3SFO-CL | **MTO** - Made To Order | |

Integer Lights continually works to improve products and reserves the right to make changes which may alter the performance, appearance or specification of products.

## PERFORMANCE CHART

| | Optics | [1] 12° | 25° | 30° | 40° | 50° | 70° |
|---|---|---|---|---|---|---|---|
| 6W | Initial Lumens | 657 | 955 | 955 | 955 | 955 | 955 |
| | Delivered Lumens | 586 | 718 | 755 | 754 | 726 | 602 |
| | UGR | | 13.5 | 13 | 16.4 | 19.1 | 21 |
| 9W | Initial Lumens | 890 | 1296 | 1296 | 1296 | 1296 | 1296 |
| | Delivered Lumens | 794 | 978 | 1034 | 1038 | 984 | 825 |
| | UGR | | 14.6 | 14.3 | 17.7 | 19.6 | 22.3 |
| 12W | Initial Lumens | 1122 | 1618 | 1618 | 1618 | 1618 | 1618 |
| | Delivered Lumens | 999 | 1225 | 1314 | 1319 | 1238 | 1051 |
| | UGR | | 15.2 | 15.1 | 18.3 | 21.2 | 22.9 |
| 15W | Initial Lumens | 1267 | 2015 | 2015 | 2015 | 2015 | 2015 |
| | Delivered Lumens | 1060 | 1470 | 1628 | 1642 | 1565 | 1227 |
| | UGR | | 15.9 | 15.8 | 19 | 21.9 | 23.6 |
| 20W | Initial Lumens | 1485 | 2422 | 2422 | 2422 | 2422 | 2422 |
| | Delivered Lumens | 1244 | 1778 | 1967 | 1985 | 1895 | 1482 |
| | UGR | | 16.6 | 16.4 | 19.7 | 22.5 | 24.3 |
| 24W | Initial Lumens | | 2799 | 2799 | 2799 | 2799 | 2799 |
| | Delivered Lumens | | 2107 | 2273 | 2296 | 2193 | 1713 |
| | UGR | | 17.4 | 17 | 20.2 | 23.1 | 24.8 |
| 28W | Initial Lumens | | 3128 | 3128 | 3128 | 3128 | 3128 |
| | Delivered Lumens | | 2343 | 2542 | 2569 | 2458 | 1914 |
| | UGR | | 17.7 | 17.3 | 20.6 | 23.6 | 25.2 |
| 32W | Initial Lumens | | 3405 | 3405 | 3405 | 3405 | 3405 |
| | Delivered Lumens | | 2544 | 2768 | 2785 | 2679 | 2080 |
| | UGR | | 18 | 17.7 | 20.9 | 23.9 | 25.4 |

* Values are listed at 3000K, 90+ CRI with a white bevel & trim.

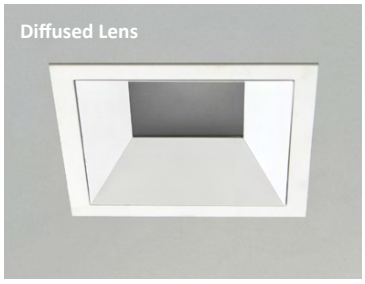
Notes

1. 12° spread without lens on trim

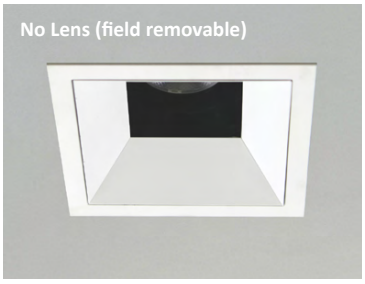
## COLOR TEMPERATURE MULTIPLIER FOR DELIVERED LUMENS

| 2700K | 3000K | 3500K | 4000K |
|---|---|---|---|
| 0.95 | 1.00 | 1.04 | 1.07 |

## 3SFO-CS REGRESS SMALL OPENING




- IES files are based on the large opening trim with diffused lens.




- Not suitable for wet locations
- Increase in lumens by approximately 7%

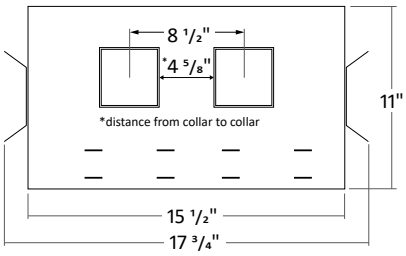
## 3SFO-CL REGRESS LARGE OPENING

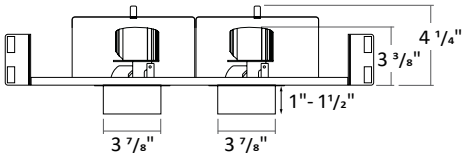
- IES files are based on the large opening trim with diffused lens.

- Not suitable for wet locations
- Increase in lumens by approximately 7%

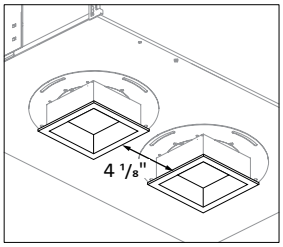
## 2 MODULE HOUSING DIMENSIONS

**NC** - Non-IC New Construction



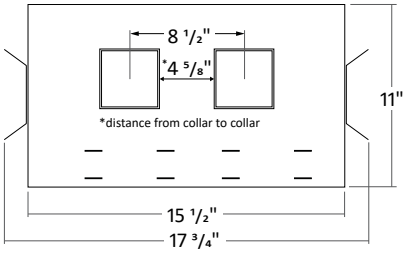



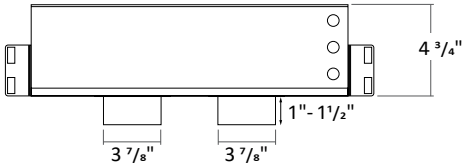

- Must remove spacer to achieve 1 1/2" collar height
- Consult factory for Made to Order collar height
- Allow 1/8" tolerance




The distance from bevel to bevel is 4 1/8"

**IC** - IC Air-Tight New Construction

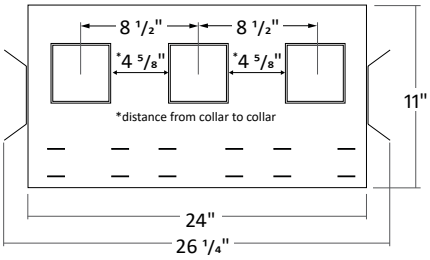


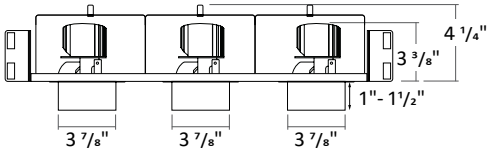




- Must remove spacer to achieve 1 1/2" collar height
- Consult factory for Made to Order collar height
- Allow 1/8" tolerance

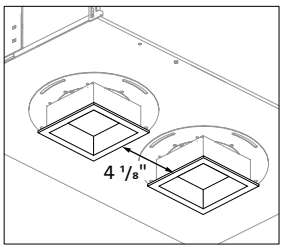
## 3 MODULE HOUSING DIMENSIONS

**NC** - Non-IC New Construction



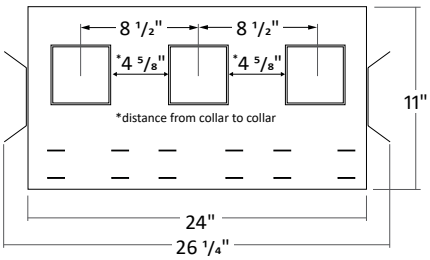



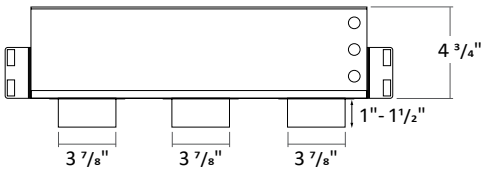

- Must remove spacer to achieve 1 1/2" collar height
- Consult factory for Made to Order collar height
- Allow 1/8" tolerance




The distance from bevel to bevel is 4 1/8"

**IC** - IC Air-Tight New Construction

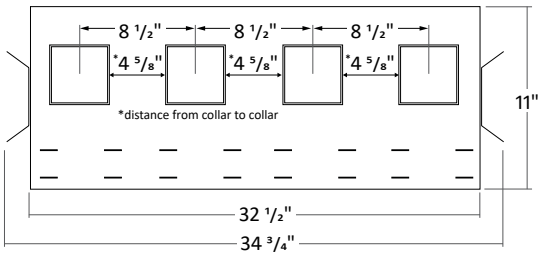


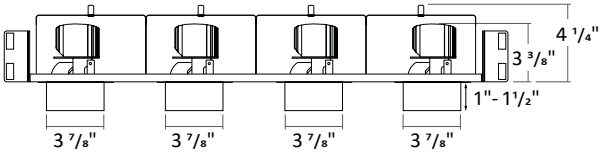




- Must remove spacer to achieve 1 1/2" collar height
- Consult factory for Made to Order collar height
- Allow 1/8" tolerance

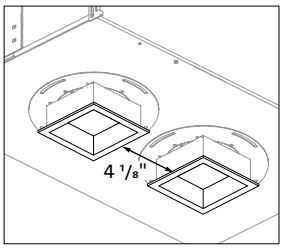
## 4 MODULE HOUSING DIMENSIONS

**NC** - Non-IC New Construction



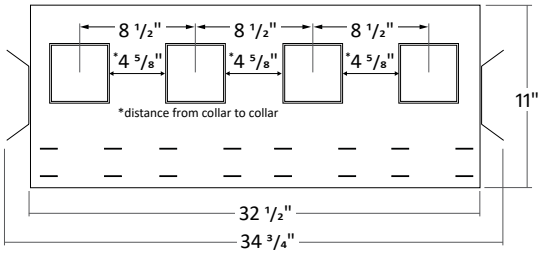



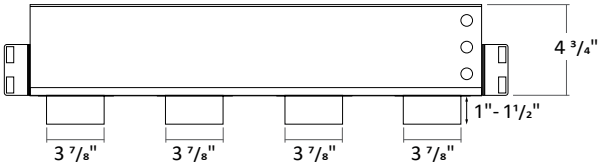

- Must remove spacer to achieve 1 1/2" collar height
- Consult factory for Made to Order collar height
- Allow 1/8" tolerance




The distance from bevel to bevel is 4 1/8"

**IC** - IC Air-Tight New Construction

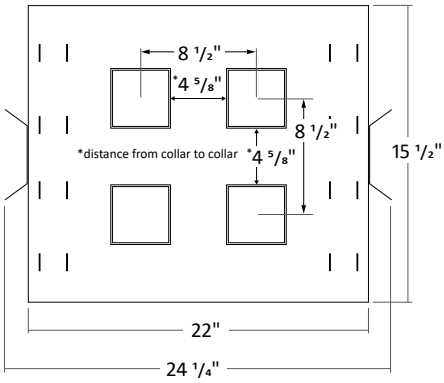


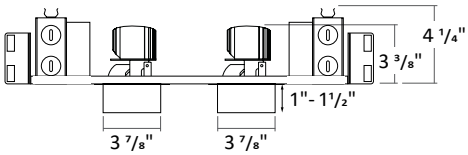




- Must remove spacer to achieve 1 1/2" collar height
- Consult factory for Made to Order collar height
- Allow 1/8" tolerance

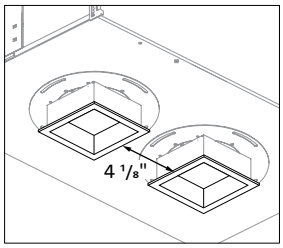
## 4 MODULE SQUARE HOUSING DIMENSIONS

**NC** - Non-IC New Construction



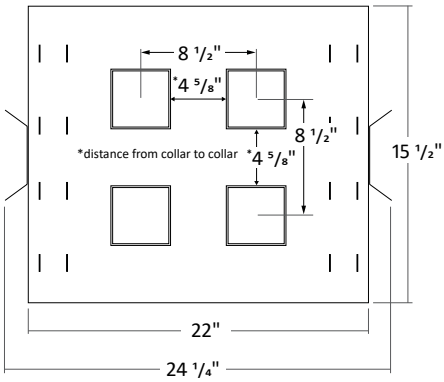



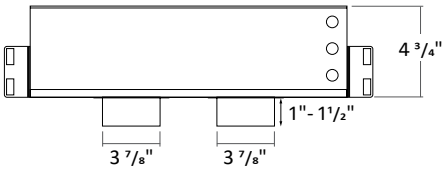

- Must remove spacer to achieve 1 1/2" collar height
- Consult factory for Made to Order collar height
- Allow 1/8" tolerance




The distance from bevel to bevel is 4 1/8"

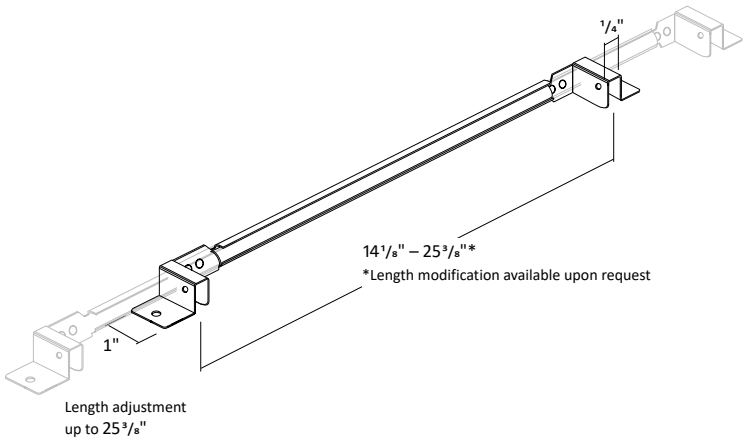
**IC** - IC Air-Tight New Construction




- Must remove spacer to achieve 1 1/2" collar height
- Consult factory for Made to Order collar height
- Allow 1/8" tolerance

## FRAME ACCESSORIES

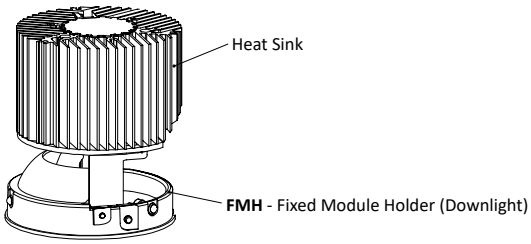



**UNIVERSAL BAR HANGER**

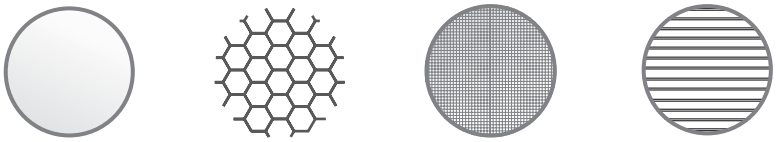
**COMPATIBLE CEILING**

- Hat Channel
- T-Bar
- C-Channel
- Laminated Wood
- Quick-Span
- I-Beam
- Standard Joist

## LED MODULE

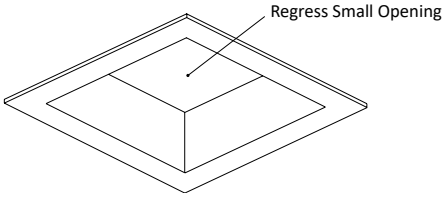



## FILTERS

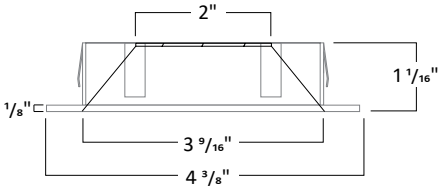


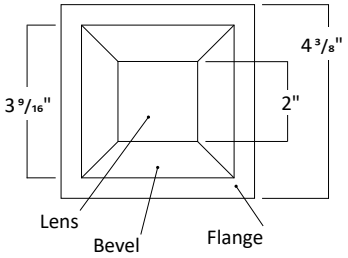
Frosted Filter | Honey Comb | Solite Filter | Linear Filter

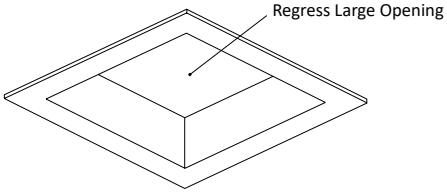
## TRIM DIMENSIONS



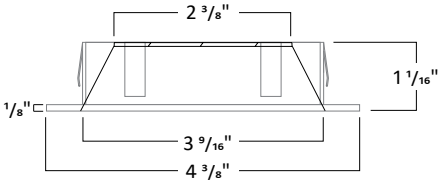

3SFO-CS

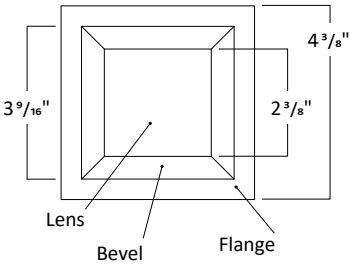



3SFO-CL




**TRIM FINISH**
May be mixed and matched

White

Black

Haze

Bronze

Clear

*Consult Factory for Made to Order Finishes