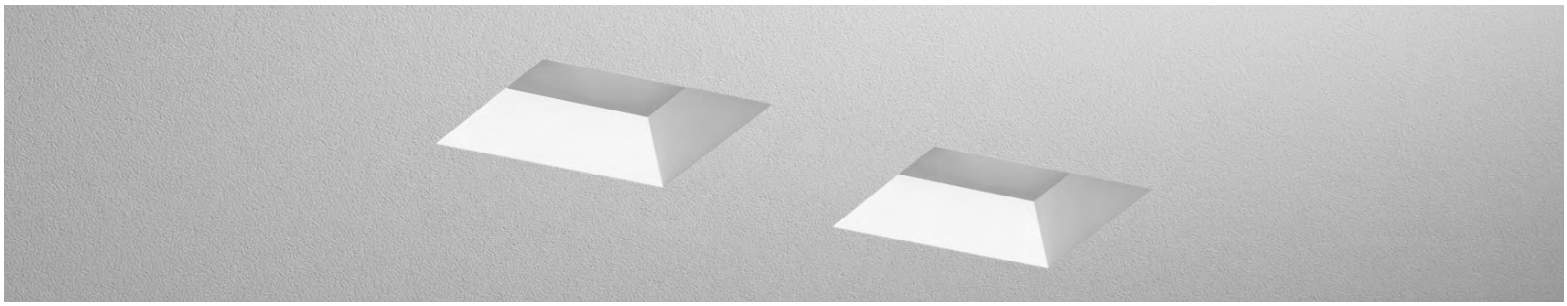
PRIME

4" ARCHITECTURAL SPACED APERTURE SQUARE FLANGELESS 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 15°, 24°, 30°, 35°, 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.

BEVEL
Bevel 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

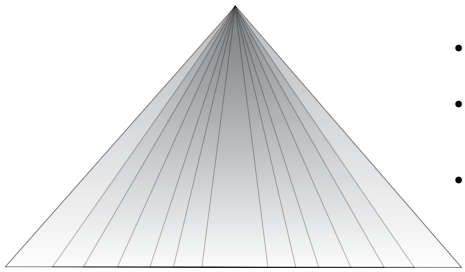
GENERAL PERFORMANCE CHART

*Detailed performance chart may be found on page 3

	6W	9W	12W	15W	20W	24W	28W	32W	33W	35W	40W	48W	56W
Initial Lumens	955	1296	1618	2015	2422	2799	3128	3405	4090	4626	4967	5786	6472
Delivered Lumens	650-829	891-1135	1129-1436	1404-1744	1706-2122	1986-2470	2245-2868	2474-3096	2877-3383	3177-3736	3462-4072	4017-4723	4510-5310

* 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: 15˚ 24˚ 30˚ 35˚ 40˚ 50˚ 70˚

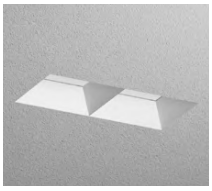
- Field replaceable TIR optics
- Easily achieve narrow spot to wide flood beam pattern
- Optional filters available upon request

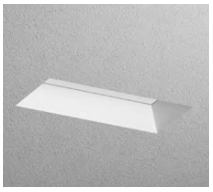
PRIME FAMILY OF PRODUCTS

Downlight

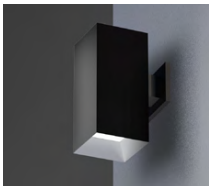
TechZone®

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

4" ARCHITECTURAL SPACED APERTURE SQUARE FLANGELESS 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 - 28 Watt
32W - 32 Watt
33W[1] - 33 Watt
35W[1] - 35 Watt
40W[1] - 40 Watt
48W[1] - 48 Watt
56W[1] - 56 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
15[6,7] - 15°
24[7] - 24°
30 - 30°
35 - 35°
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
CS15[9] - 1.5" Depth
CS20 - 2.0" Depth
CS25 - 2.5" Depth
MTO - Made To Order

Module Type
FMH - Downlight

Trim Style
LPS - Flangeless Plaster
LAMS - Flangeless Millwork with Adapter
LDMS - Flangeless Millwork with Dedicated Collar

Frame Accessories
UH - Universal Bar Hanger

Options
ER8WR[10] - 8W Remote Emergency Battery with Remote Switch (800 lm)
ER8WI[10] - 8W Remote Emergency Battery with Integral Switch (800 lm)
ER15WR[10] - 15W Remote Emergency Battery with Remote Switch (1,500 lm)
ER15WI[10] - 15W Remote Emergency Battery with Integral Switch (1,500 lm)
347V - 347V Step down transformer
CP[11] - 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. 15° available in 6W-32W only.
7. 15° and 24° spread without lens on trim.
8. Not available in 33W-56W.
9. Standard Collar Height.
10. Ceiling access is required for IC housing to replace the EM unit
11. Requires IC housing.

TRIM ORDERING INFORMATION

Bevel Finish

	Bevel
4" Square Flangeless Regress Large Opening	4SLO**W** - White bevel 4SLO**H** - Haze bevel 4SLO**WE** - Wheat bevel 4SLO**S** - Specular clear bevel 4SLO**B** - Black bevel 4SLO**MTO** - Made to order

PERFORMANCE CHART

	Optics	[1,2]15°	[2]24°	30°	35°	40°	50°	70°
6W	Initial Lumens	955	955	955	955	955	955	955
	Delivered Lumens	803	829	748	771	785	713	650
	UGR			11.6	11.1	13.1	17.6	21.7
9W	Initial Lumens	1296	1296	1296	1296	1296	1296	1296
	Delivered Lumens	1097	1135	1022	1055	1073	971	891
	UGR			13.1	12.4	14.5	19	23.1
12W	Initial Lumens	1618	1618	1618	1618	1618	1618	1618
	Delivered Lumens	1387	1436	1285	1332	1347	1217	1129
	UGR			13.8	13	15	19.6	23.7
15W	Initial Lumens	2015	2015	2015	2015	2015	2015	2015
	Delivered Lumens	1632	1744	1591	1644	1659	1481	1404
	UGR			14.5	13.8	15.7	20.3	24.4
20W	Initial Lumens	2422	2422	2422	2422	2422	2422	2422
	Delivered Lumens	1976	2122	1933	2002	2017	1803	1706
	UGR			15.2	14.5	16.4	21	25.1
24W	Initial Lumens	2799	2799	2799	2799	2799	2799	2799
	Delivered Lumens	2300	2470	2243	2333	2346	2101	1986
	UGR			15.7	15	17	21.5	25.6
28W	Initial Lumens	3128	3128	3128	3128	3128	3128	3128
	Delivered Lumens	2820	2868	2519	2633	2646	2371	2245
	UGR			16.1	15.4	17.4	21.9	26
32W	Initial Lumens	3405	3405	3405	3405	3405	3405	3405
	Delivered Lumens	2921	3096	2777	2902	2915	2614	2474
	UGR			16.5	15.8	17.7	22.3	26.3
33W	Initial Lumens		4090		4090	4090	4090	4090
	Delivered Lumens		3518		3278	3383	3345	2877
	UGR				19.4	18.3	19.6	25.8
35W	Initial Lumens		4626		4626	4626	4626	4626
	Delivered Lumens		3879		3618	3736	3710	3177
	UGR				19.8	18.7	19.9	26.2
40W	Initial Lumens		4967		4967	4967	4967	4967
	Delivered Lumens		4218		3941	4072	4058	3462
	UGR				20	19	20.2	26.4
48W	Initial Lumens		5765		5765	5765	5765	5765
	Delivered Lumens		4887		4570	4723	4718	4017
	UGR				20.6	19.5	20.7	27
56W	Initial Lumens		6472		6472	6472	6472	6472
	Delivered Lumens		5484		5122	5304	5310	4510
	UGR				21	19.8	21.1	27.4

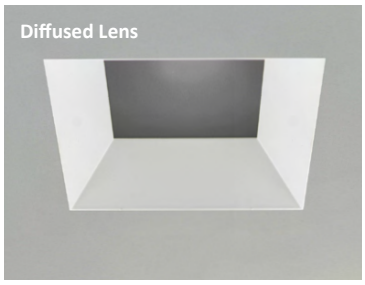
* Values are listed at 3000K, 90+ CRI with a white bevel & trim.

Notes
1. Available in 6W-32W only
2. 15° and 24° spread without lens on trim

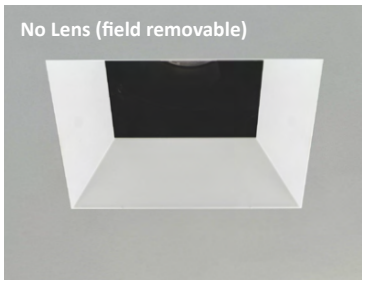
COLOR TEMPERATURE MULTIPLIER FOR DELIVERED LUMENS

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

4SLO REGRESS LARGE OPENING



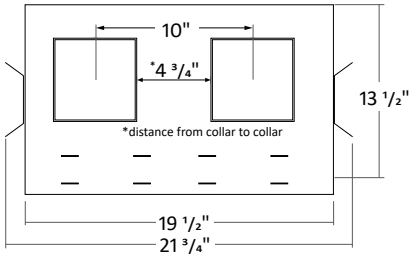
- IES files are based on the large opening trim with diffused lens.

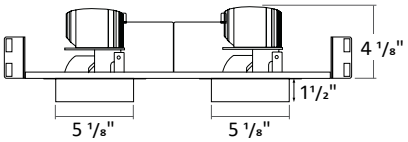


- Not suitable for wet locations
- Increase in lumens by approximately 7%

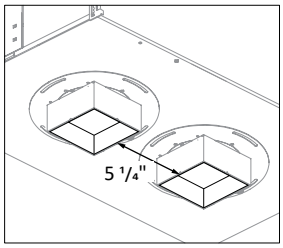
2 MODULE HOUSING DIMENSIONS

NC - Non-IC New Construction



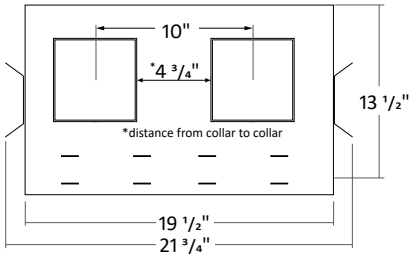


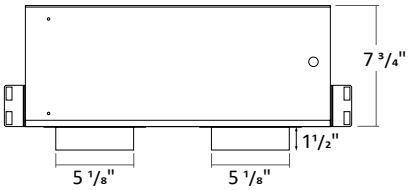
- Must remove spacer to achieve 1 1/2" collar height
- Consult factory for Made to Order collar height
- Allow 1/8" tolerance



The distance from bevel to bevel is 5 1/4"
(Shown without LPR)

IC - IC Air-Tight New Construction





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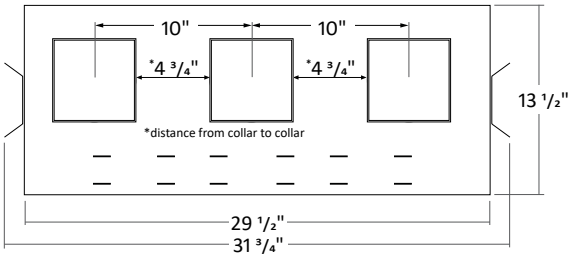
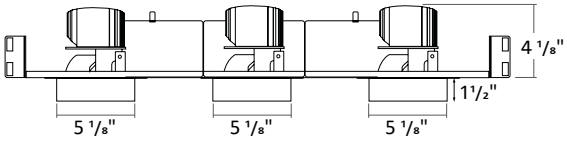
3 MODULE HOUSING DIMENSIONS

NC - Non-IC New Construction





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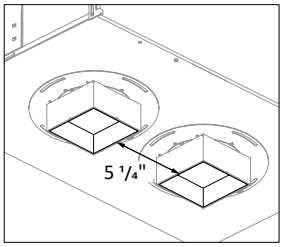

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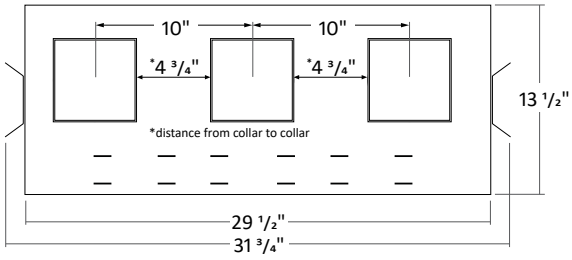
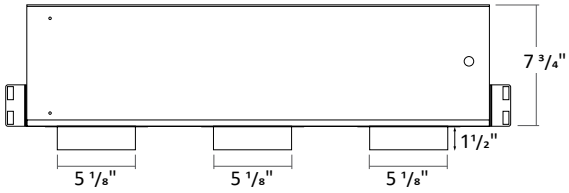
IC - IC Air-Tight New Construction





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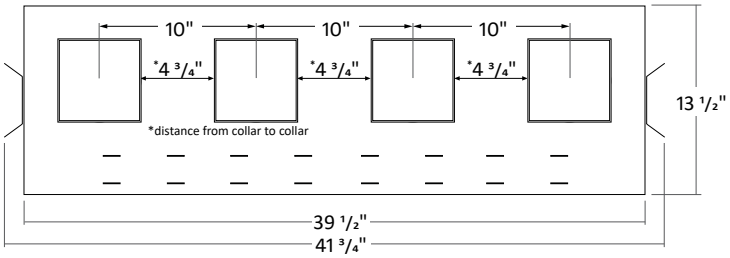
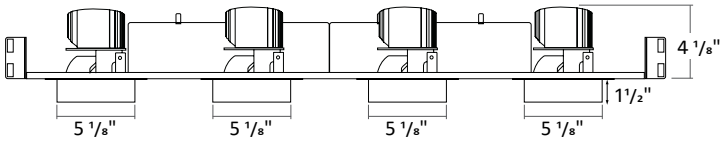
4 MODULE HOUSING DIMENSIONS

NC - Non-IC New Construction





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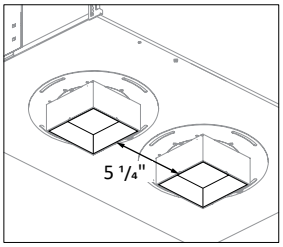

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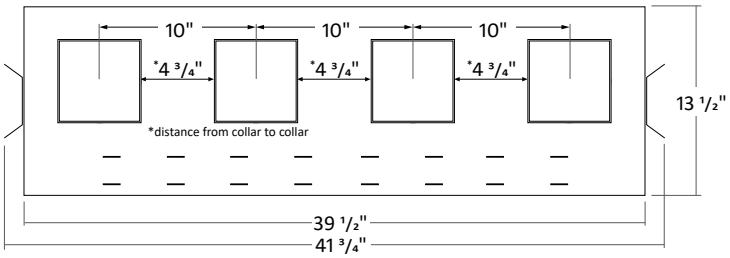
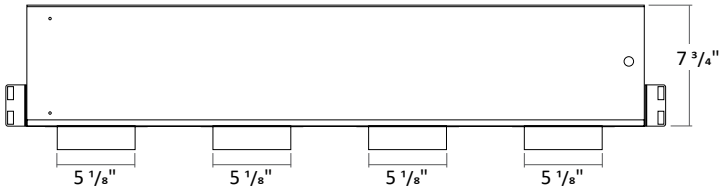
IC - IC Air-Tight New Construction





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4 MODULE SQUARE HOUSING DIMENSIONS

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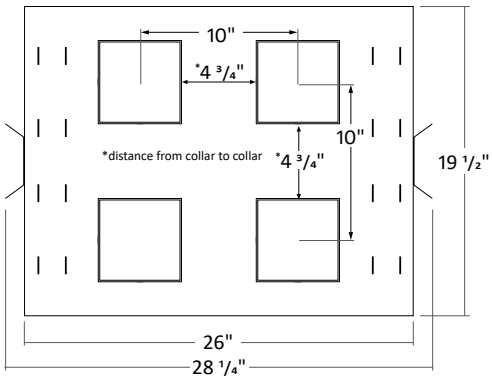

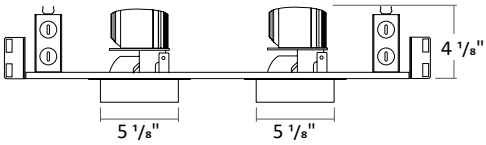

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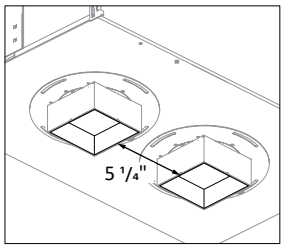

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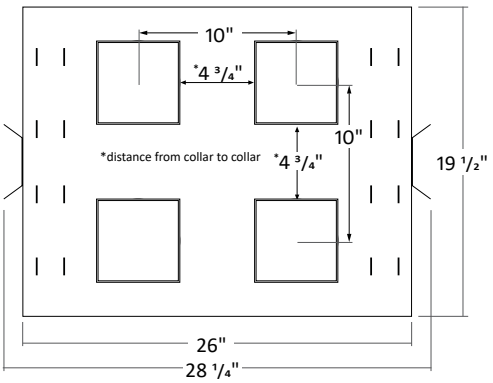
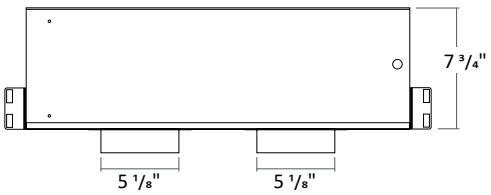
IC - IC Air-Tight New Construction





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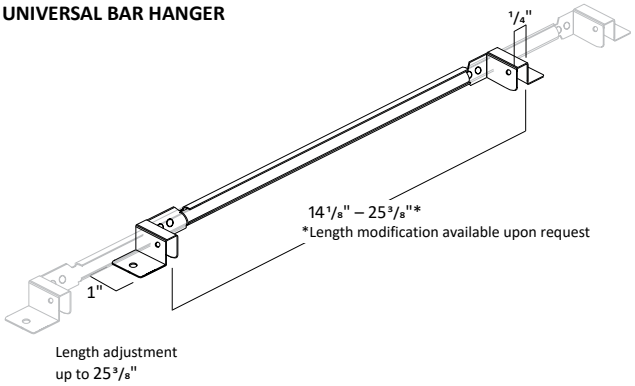
FRAME ACCESSORIES

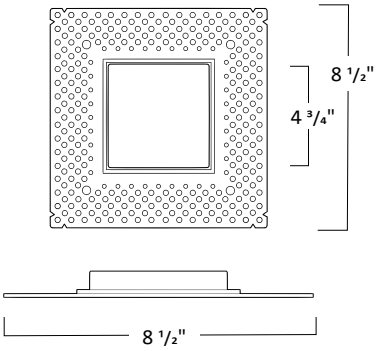
UNIVERSAL BAR HANGER

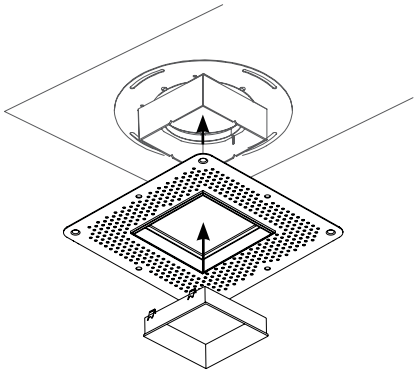


COMPATIBLE CEILING

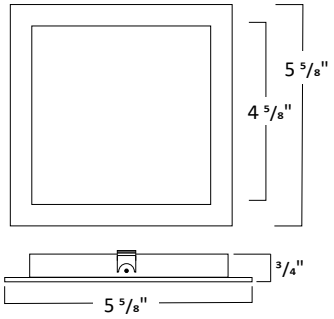
- Hat Channel
- T-Bar
- C-Channel
- Laminated Wood
- Quick-Span
- I-Beam
- Standard Joist

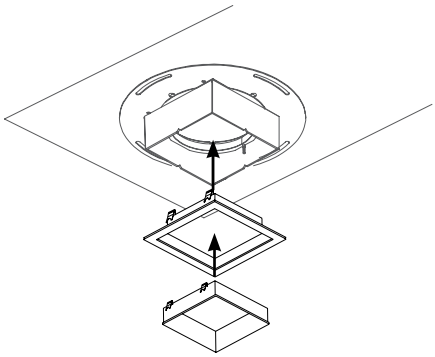
FLANGELESS PLASTER (LPS)



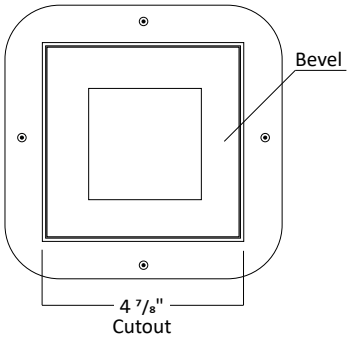


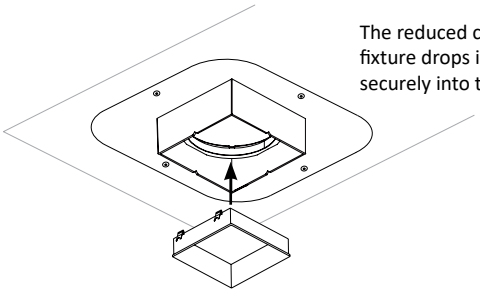
FLANGELESS MILLWORK WITH ADAPTER (LAMS)





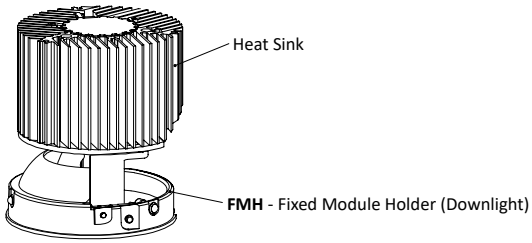
FLANGELESS MILLWORK WITH DEDICATED COLLAR (LDMS)



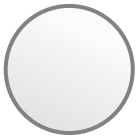


The reduced collar diameter allows for easy installation; the fixture drops into the ceiling opening and the bevel clicks securely into the collar.

LED MODULE

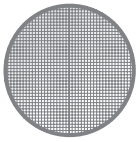


FILTERS



Frosted Filter

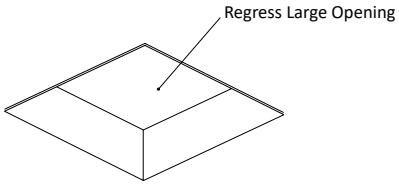
Honey Comb



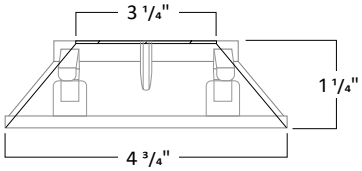
Solite Filter

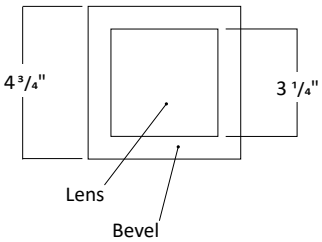
Linear Filter

TRIM DIMENSIONS



4SLO





TRIM FINISH

White

Haze

Wheat

Specular Clear

Black

*Consult Factory for Made to Order Finishes