



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, (EEL) eldoLED 1% Dim 0-10V, (EELS) 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 or spun aluminum. Trim 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

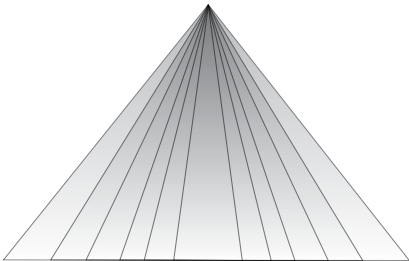
*Detailed performance chart may be found on page 3

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

3" ARCHITECTURAL SPACED APERTURE ROUND FLANGE DOWNLIGHT

ORDERING INFORMATION

Series	Aperture Type	Module Configuration	Wattage Per Module	Dimming	Color Temperature
RPA3	SA - Spaced Aperture	2 - Two Module 3 - Three Module 4 - Four Module 4S - Four Module Square	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	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	27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K

Optical Lens	Filter	Housing Type	Collar	Module Type
12 ^{6,7} - 12° 25 - 25° 30 - 30° 40 - 40° 50 - 50° 70 - 70°	None - Included F - Frosted Filter H - Honey Comb S - Solite Filter L - Linear Filter	IC ⁸ - IC Air-Tight New Construction NC - Non-IC New Construction	CR10 - 1.0" Depth CR15 - 1.5" Depth MTO - Made To Order	FMH - Downlight

Frame Accessories	Options	Notes
UH - Universal Bar Hanger	ER8WR ⁹ - 8W Remote Emergency Battery with Remote test switch (800 lm) ER15WR ⁹ - 15W Remote Emergency Battery with Remote test switch (1,500 lm) CP ¹⁰ - Chicago Plenum	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	Trim Type	Bevel	Flange
May be mixed and matched			
3" Round Flange Regress Small Opening	3RFO-CS 3RFO-CS 3RFO-CS 3RFO-CS 3RFO-CS	W - White B - Black H - Haze BZ - Bronze MTO - Made To Order	W - White B - Black BZ - Bronze MTO - Made To Order
3" Round Flange Regress Large Opening	3RFO-CL 3RFO-CL 3RFO-CL 3RFO-CL 3RFO-CL	W - White B - Black H - Haze BZ - Bronze MTO - Made To Order	W - White B - Black BZ - Bronze MTO - Made To Order

SPUN ALUMINUM (SELF-FLANGED)

Bevel / Flange Finish	Trim Type	Self-Flanged
3" Round Flange Regress Small Opening	3RFO-AS 3RFO-AS 3RFO-AS	H - Haze C - Clear MTO - Made To Order
3" Round Flange Regress Large Opening	3RFO-AL 3RFO-AL 3RFO-AL	H - Haze C - Clear MTO - Made To Order

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

3RFO-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%

3RFO-CL REGRESS LARGE OPENING



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

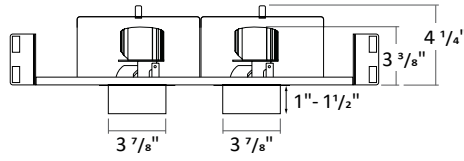
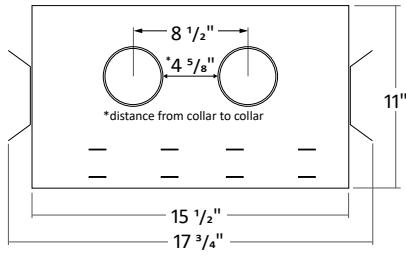


- Not suitable for wet locations
- Increase in lumens by approximately 7%

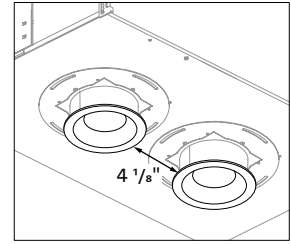
3" ARCHITECTURAL SPACED APERTURE ROUND FLANGE DOWNLIGHT

2 MODULE HOUSING DIMENSIONS

NC - Non-IC New Construction

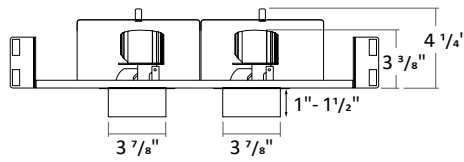
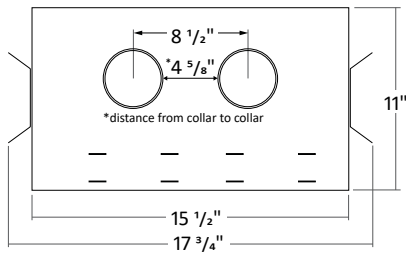


- Must remove spacer to achieve 1 1/2" collar height
- Consult factory for Made to Order collar height
- Allow 1/8" tolerance



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

IC - IC Air-Tight New Construction



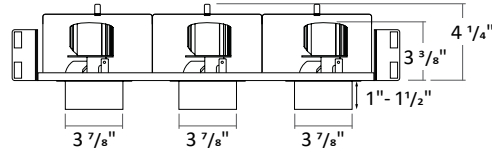
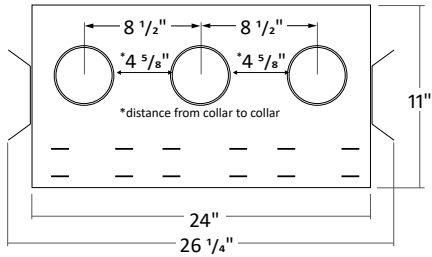
- Must remove spacer to achieve 1 1/2" collar height
- Consult factory for Made to Order collar height
- Allow 1/8" tolerance



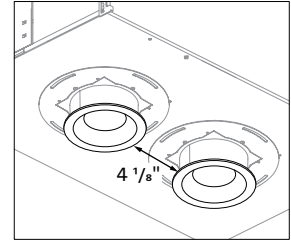
The distance from trim to trim is 4 1/8"

3 MODULE HOUSING DIMENSIONS

NC - Non-IC New Construction

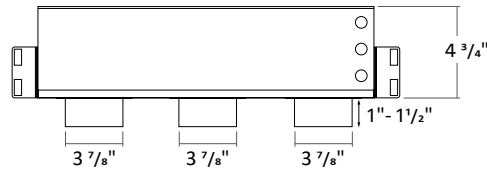
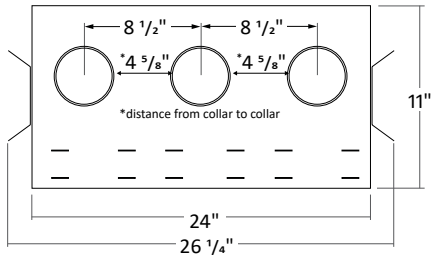


- Must remove spacer to achieve 1 1/2" collar height
- Consult factory for Made to Order collar height
- Allow 1/8" tolerance



The distance from trim to trim 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

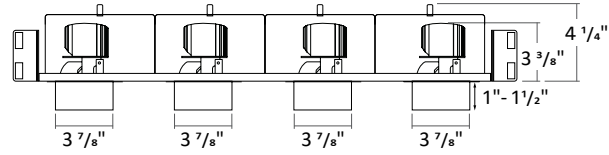
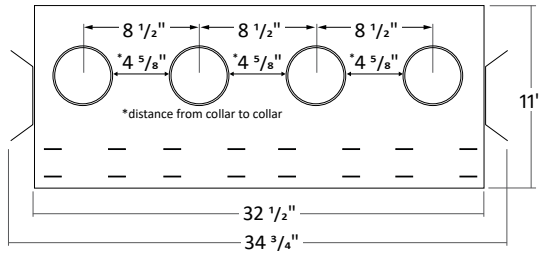


The distance from trim to trim is 4 1/8"

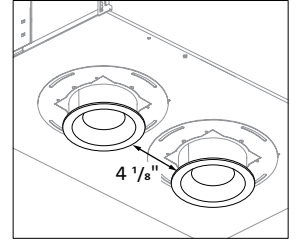
3" ARCHITECTURAL SPACED APERTURE ROUND FLANGE DOWNLIGHT

4 MODULE HOUSING DIMENSIONS

NC - Non-IC New Construction

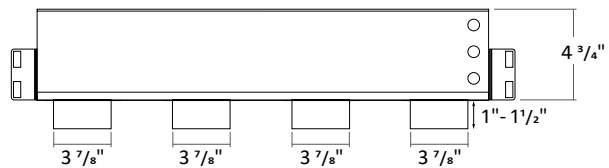
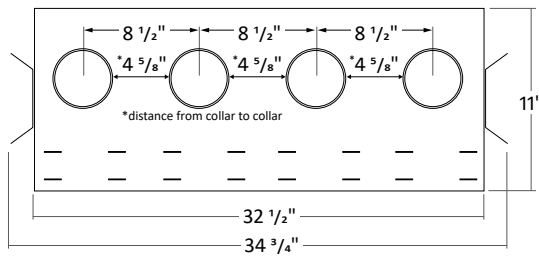


- Must remove spacer to achieve 1 1/2" collar height
- Consult factory for Made to Order collar height
- Allow 1/8" tolerance



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

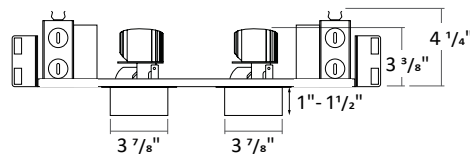
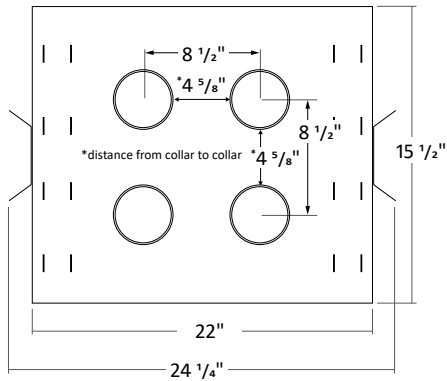
IC - IC Air-Tight New Construction



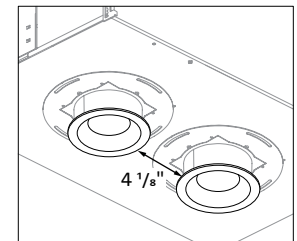
- Must remove spacer to achieve 1 1/2" collar height
- Consult factory for Made to Order collar height
- Allow 1/8" tolerance

4 MODULE SQUARE HOUSING DIMENSIONS

NC - Non-IC New Construction

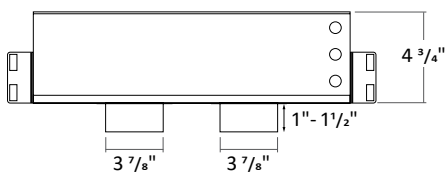
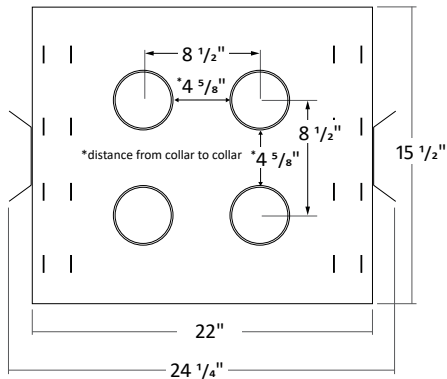


- Must remove spacer to achieve 1 1/2" collar height
- Consult factory for Made to Order collar height
- Allow 1/8" tolerance



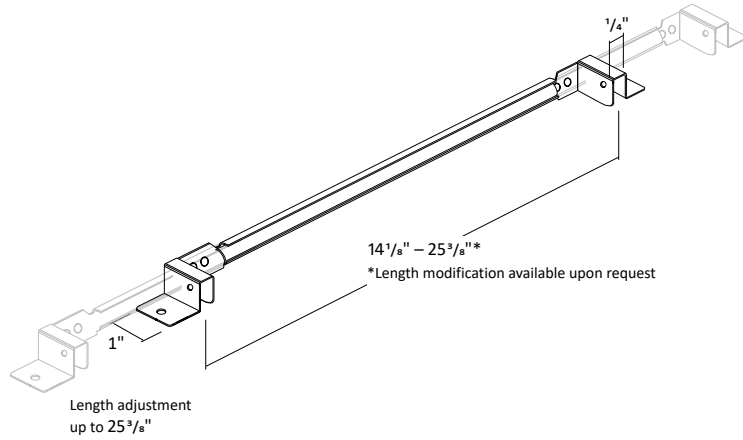
The distance from trim to trim is 4 1/8"

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

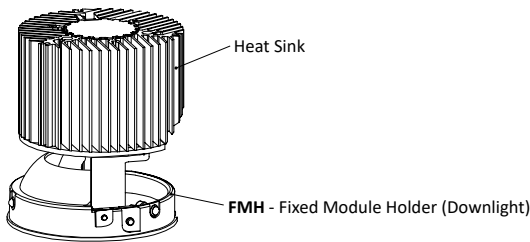


UNIVERSAL BAR HANGER

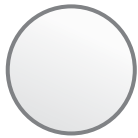
COMPATIBLE CEILING

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

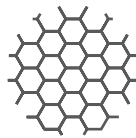
LED MODULE



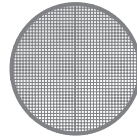
FILTERS



Frosted Filter



Honey Comb



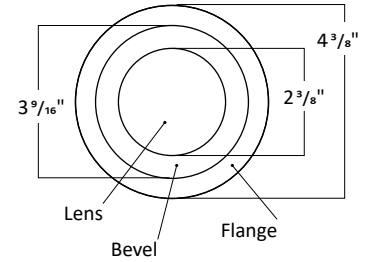
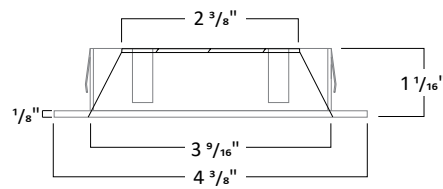
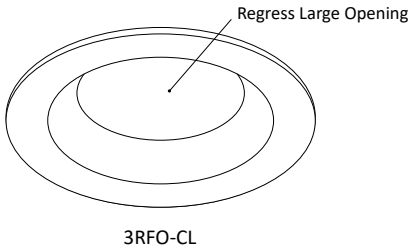
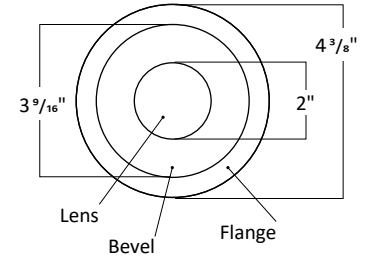
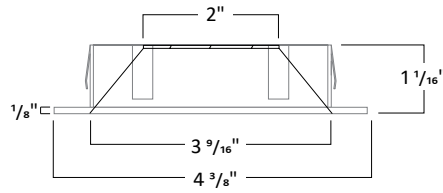
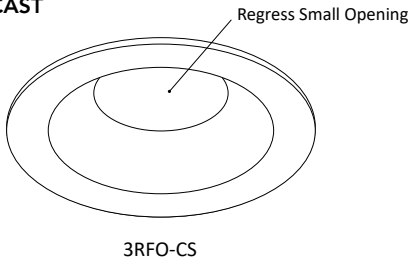
Solite Filter



Linear Filter

TRIM DIMENSIONS

DIE-CAST



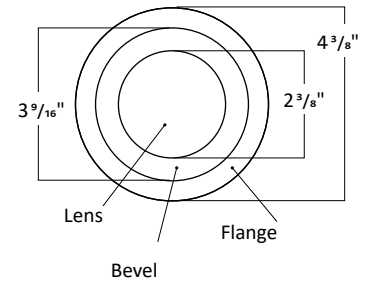
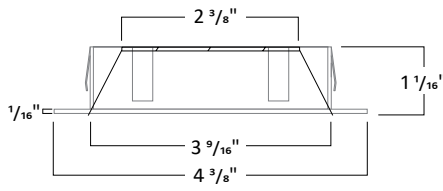
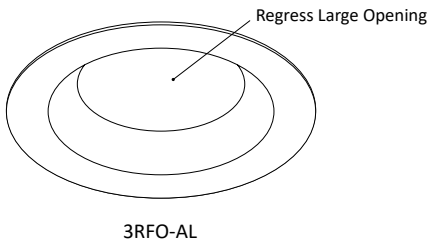
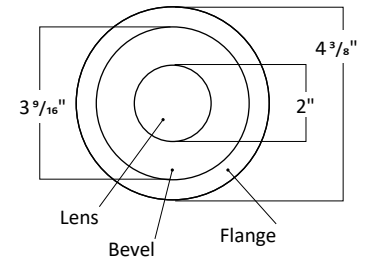
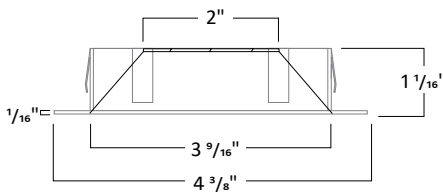
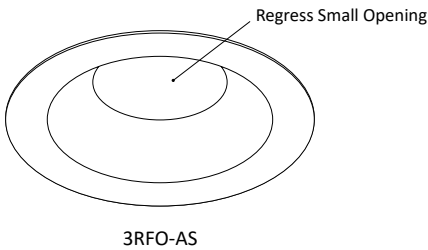
TRIM FINISH

May be mixed and matched



*Consult Factory for Made to Order Finishes

SPUN ALUMINUM (SELF-FLANGED)



TRIM FINISH



*Consult Factory for Made to Order Finishes