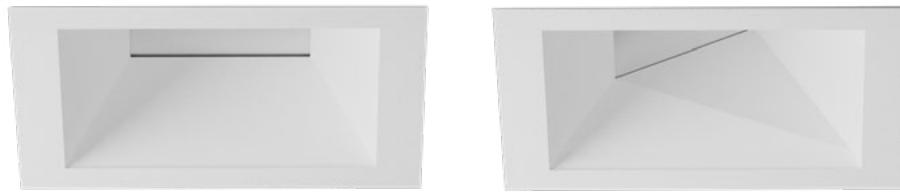


3" LED ARCHITECTURAL SQUARE FLANGE ADJUSTABLE

NEW CONSTRUCTION: IC & NON IC



GENERAL INFORMATION

USE OF PRODUCT

The 3" Prime Adjustable is a small aperture fixture with a shallow housing height of 4 3/4", which is ideal for residential and commercial applications. Available options include die-cast or spun aluminum trims, various color temperatures, optics, filters, and dimmable drivers.

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°, 30°, 35°, 40°, 50°, and 60°. 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 1/2" knockouts. Butterfly brackets (included) accommodate universal or C-channel hangers (order separately).

ADJUSTMENT

- Light engine allows for hot aiming from 0-40°.
- Housing supports 359° locking rotation.
- Aperture collar compatible up to 1 1/2" ceiling thickness. Consult factory for made-to-order aperture collars exceeding 1 1/2".

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 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 4W (≈400 lm), 8W (≈800 lm), or 15W (≈1,500 lm) available for a minimum of 90 minutes. Please review page 7 for integral or remote EM and test switch options with solutions that allow for EM replacement from below the ceiling.

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.



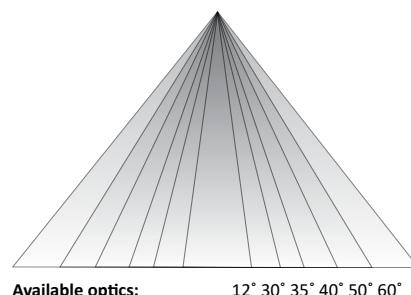
GENERAL PERFORMANCE CHART

*Detailed performance chart may be found on page 3

	6W	9W	12W	15W	20W	24W	28W	32W
Initial Lumens	657/955	890/1296	1122/1618	1267/2015	1485/2422	2799	3128	3405
Delivered Lumens	436-720	598-986	758-1255	947-1558	1113-1912	1284-2202	1437-2455	1566-2776

* 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



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

PRIME FAMILY OF PRODUCTS



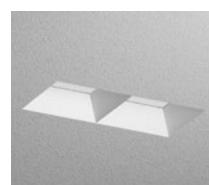
Downlight



TechZone®



WoodWorks®



Multiple Dedicated Bevel



Multiple Open Bevel



Cylinder



Square Luminaire

3" LED ARCHITECTURAL SQUARE FLANGE ADJUSTABLE

NEW CONSTRUCTION: IC & NON IC

ORDERING INFORMATION

Series	Wattage	Dimming	Color Temperature	Optical Lens	Filter
RPA3	6W - 6 Watt	ID ² - Standard All-Inclusive ELV, Triac, and 0-10V	27K - 2700K	12 ^{6,7} - 12°	Blank - None
	9W - 9 Watt	Dimming Driver (Intelligent Drive)	30K - 3000K	30 - 30°	F - Frosted Filter
	12W - 12 Watt	EEI ³ - eldoLED 1% Dim (0-10V)	35K - 3500K	35 - 35°	H - Honey Comb
	15W - 15 Watt	EEIS ⁴ - eldoLED 1% Dim 0-10V (120-277V), Triac (120V), Max 20W	40K - 4000K	40 - 40°	S - Solite Filter
	20W - 20 Watt			50 - 50°	L - Linear Filter
	24W - 24 Watt	EDIO ³ - eldoLED 0.1% Dim (0-10V)		60 - 60°	
	28W ¹ - 28 Watt	EDID ³ - eldoLED 0.1% Dim (DALI)			
	32W ¹ - 32 Watt	EDD ³ - eldoLED 1% Dim (DALI2)			
		LDE1 ⁵ - Lutron Hi-Lume 1% Ecosystem with Soft-on, Fade-to-Black Dimming			
		L3DA ⁶ - Hi-Lume 1% Ecosystem/3-Wire L3D Driver			
		PEQO - Lutron Hi-Lume Premier Ecosystem 0.1% with Soft-on, Fade-to-Black Dimming			

Housing Type	Collar	Module Type	Frame Accessories	Options
IC ⁸ - IC Air-Tight New Construction	CS10 - 1.0" Depth	AMH - Adjustable	UH - Universal Bar Hanger	ER4W ⁹ - Emergency Battery with Remote test switch (400 lm)
NC - Non-IC New Construction	CS15 - 1.5" Depth		C - C-Channel Bar Hanger	ER8W ¹⁰ - Emergency Battery with Remote test switch (800 lm)
	MTO - Made To Order			ER15W ¹⁰ - Emergency Battery with Remote test switch (1,500 lm)
				347V - 347V Step down transformer
				CP ¹¹ - Chicago Plenum

TRIM ORDERING INFORMATION

DIE-CAST

Bevel / Flange Finish	Trim Type	Bevel	Flange	Notes
May be mixed and matched	3SFO-CL	W - White	W - White	1. Not available in IC housing.
	3SFO-CL	B - Black	B - Black	2. Intelligent Drive is the standard driver.
	3SFO-CL	H - Haze	BZ - Bronze	3. Must specify logarithmic or linear eldoLED diver.
	3SFO-CL	BZ - Bronze	MTO - Made To Order	4. Available up to 20W and programmable only in linear mode.
	3SFO-CL	MTO - Made To Order		5. Not offered in 6W.
3" Square Flange Open	3SFA-CL	W - White	W - White	6. 12° available up to 20W.
	3SFA-CL	B - Black	B - Black	7. 12° spread without lens on trim.
	3SFA-CL	H - Haze	BZ - Bronze	8. Not available in 28W and 32W.
	3SFA-CL	BZ - Bronze	MTO - Made To Order	9. Available in IC housing only.
	3SFA-CL	MTO - Made To Order		10. Ceiling access is required for IC housing to replace the EM unit.
3" Square Flange Accent	3SFA-CL	W - White	W - White	11. Requires IC housing.
	3SFA-CL	B - Black	B - Black	
	3SFA-CL	H - Haze	BZ - Bronze	
	3SFA-CL	BZ - Bronze	MTO - Made To Order	
	3SFA-CL	MTO - Made To Order		

3" LED ARCHITECTURAL SQUARE FLANGE ADJUSTABLE

NEW CONSTRUCTION: IC & NON IC

PERFORMANCE CHART

Optics	¹ 12°	30°	35°	40°	50°	60°
6W	Initial Lumens	657	955	955	955	955
	Delivered Lumens	555	645	720	717	658
	UGR		11.8	12	15.1	18.1
9W	Initial Lumens	890	1296	1296	1296	1296
	Delivered Lumens	750	883	986	986	900
	UGR		13.1	13.3	16.5	19.6
12W	Initial Lumens	1122	1618	1618	1618	1618
	Delivered Lumens	941	1120	1248	1255	1140
	UGR		13.6	13.9	17.1	20.1
15W	Initial Lumens	1267	2015	2015	2015	2015
	Delivered Lumens	1007	1375	1558	1558	1493
	UGR		14.4	14.6	17.8	20.8
20W	Initial Lumens	1485	2422	2422	2422	2422
	Delivered Lumens	1187	1689	1912	1887	1803
	UGR		15.1	15.4	18.5	21.5
24W	Initial Lumens		2799	2799	2799	2799
	Delivered Lumens		1947	2202	2185	2083
	UGR		15.6	15.9	19	22
28W	Initial Lumens		3128	3128	3128	3128
	Delivered Lumens		2173	2455	2446	2328
	UGR		16	16.3	19.4	22.4
32W	Initial Lumens		3405	3405	3405	3405
	Delivered Lumens		2362	2776	2666	2533
	UGR		17.8	17	19.7	22.6

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

Notes

1. 12° spread without lens or trim

COLOR TEMPERATURE MULTIPLIER FOR DELIVERED LUMENS

2700K 3000K 3500K 4000K

0.95 1.00 1.04 1.07

DIFFUSED LENS

- Listed IES files are with diffused lens

OPTIONAL FIELD REMOVABLE LENS

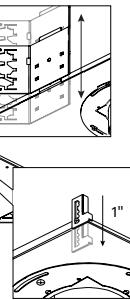
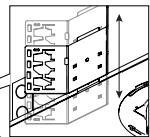
- Not suitable for wet locations
- Increase in lumens by approximately 7%

3" LED ARCHITECTURAL SQUARE FLANGE ADJUSTABLE

NEW CONSTRUCTION: IC & NON IC

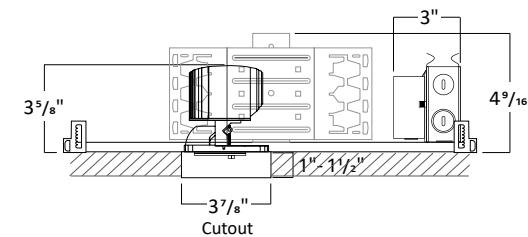
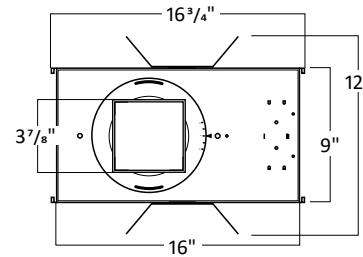
NON-IC HOUSING DIMENSIONS 6W-20W

Mounting Bracket up and down adjustability is $2\frac{1}{8}$ "



NC - Non-IC New Construction

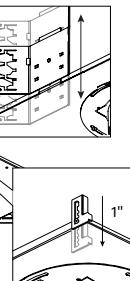
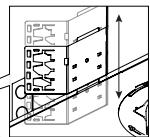
Universal bar hanger mounts on the length or width side of the fixture;
Ceiling mount bracket provides 1" adjustability.



1. Must remove spacer to achieve 1 1/2" collar height
2. Consult factory for Made to Order collar height
3. Allow $\frac{1}{8}$ " tolerance

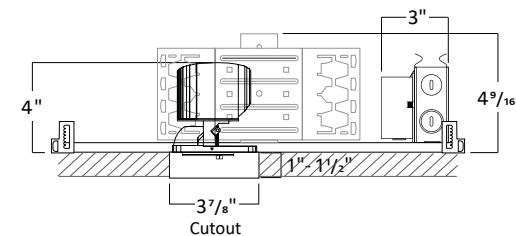
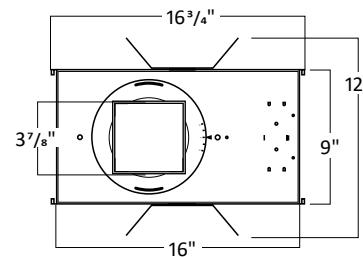
NON-IC HOUSING DIMENSIONS 24W-32W

Mounting Bracket up and down adjustability is $2\frac{1}{8}$ "



NC - Non-IC New Construction

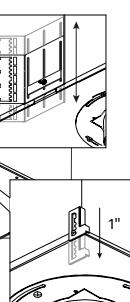
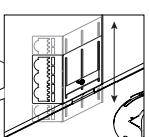
Universal bar hanger mounts on the length or width side of the fixture;
Ceiling mount bracket provides 1" adjustability.



1. Must remove spacer to achieve 1 1/2" collar height
2. Consult factory for Made to Order collar height
3. Allow $\frac{1}{8}$ " tolerance

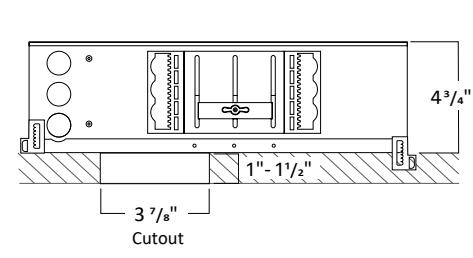
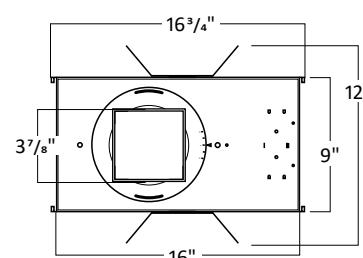
IC HOUSING DIMENSIONS 6W-24W

Mounting Bracket up and down adjustability is $2\frac{1}{8}$ "



IC - IC Air-Tight New Construction

Universal bar hanger mounts on the length or width side of the fixture;
Ceiling mount bracket provides 1" adjustability.



3" LED ARCHITECTURAL SQUARE FLANGE ADJUSTABLE

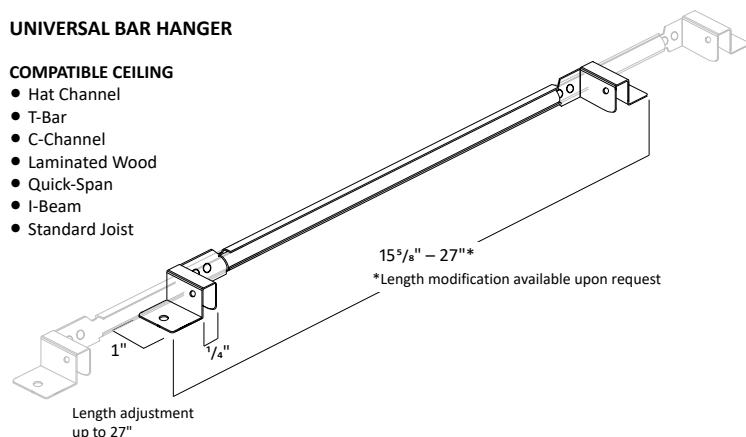
NEW CONSTRUCTION: IC & NON IC

FRAME ACCESSORIES

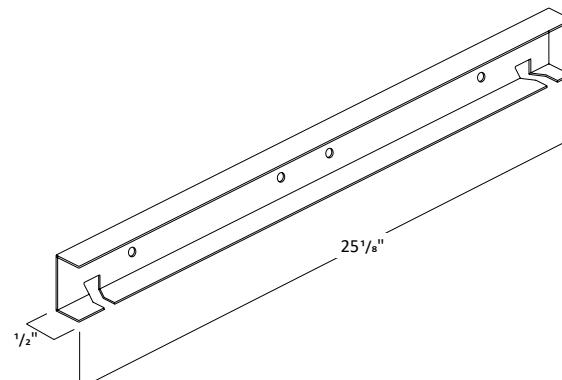
UNIVERSAL BAR HANGER

COMPATIBLE CEILING

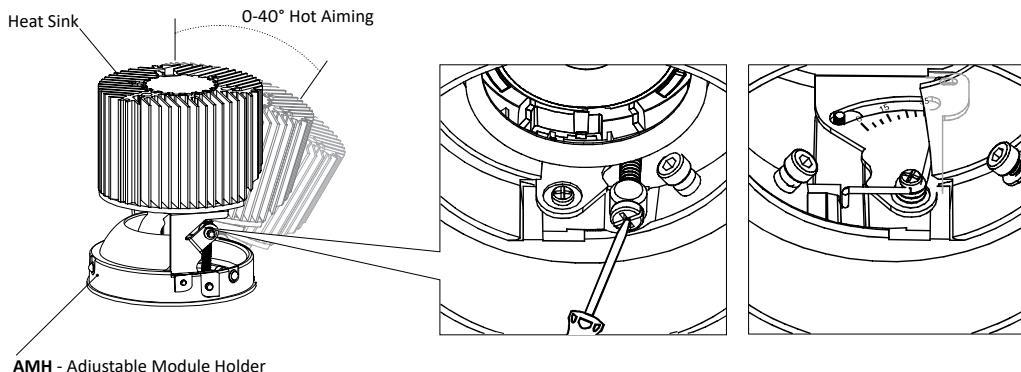
- Hat Channel
- T-Bar
- C-Channel
- Laminated Wood
- Quick-Span
- I-Beam
- Standard Joist



C-CHANNEL BAR HANGER



MODULE DIMENSIONS



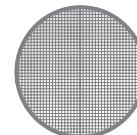
FILTERS



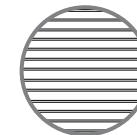
Frosted Filter



Honey Comb



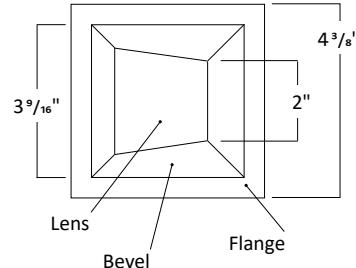
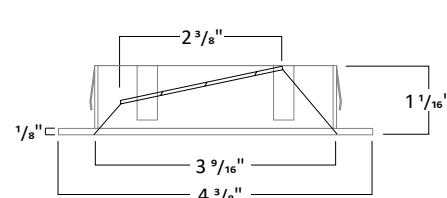
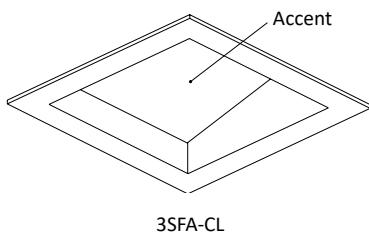
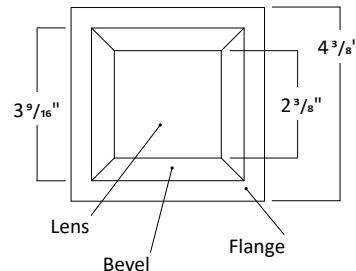
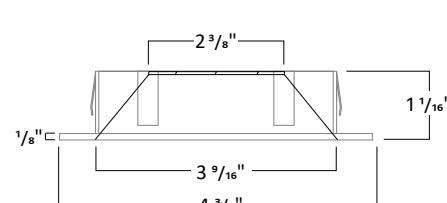
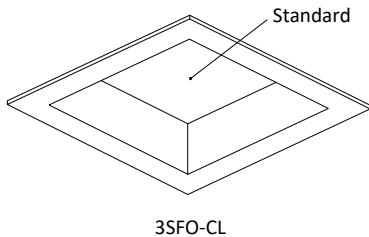
Solite Filter



Linear Filter

3" LED ARCHITECTURAL SQUARE FLANGE ADJUSTABLE

NEW CONSTRUCTION: IC & NON IC

TRIM DIMENSIONS**TRIM FINISH**

May be mixed and matched



White



Black



Haze

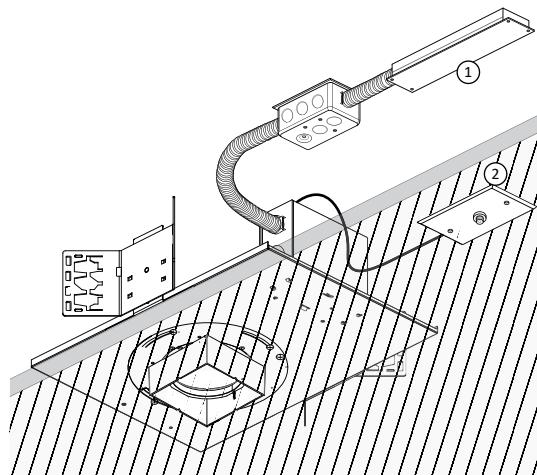


Bronze

*Consult Factory for Made to Order Finishes

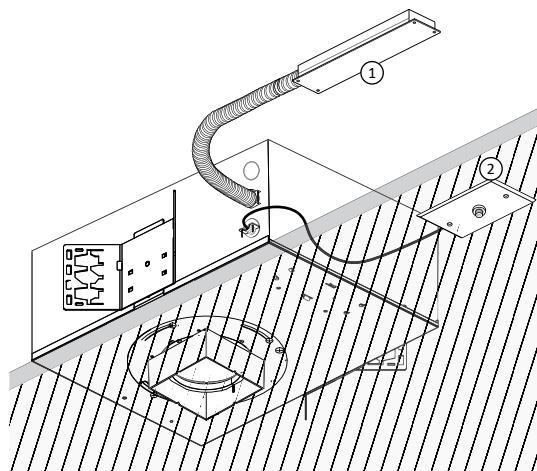
3" LED ARCHITECTURAL SQUARE FLANGE ADJUSTABLE

NEW CONSTRUCTION: IC & NON IC

REMOTE EMERGENCY BATTERY: NON-IC NEW CONSTRUCTION HOUSING**NC - Non-IC New Construction**

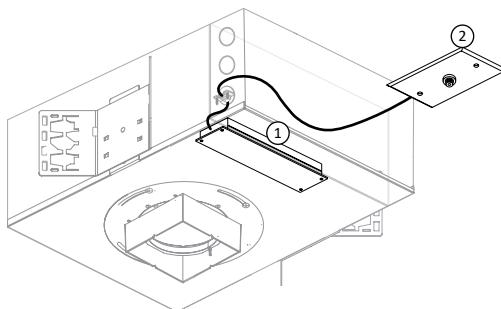
ER8W and **ER15W** is an 8W and 15W Emergency Battery that is remote to the fixture with a remote test switch. The EM unit is accessible from below the ceiling for replacement purposes.

1. Remote Emergency Battery
2. Remote Test Switch

REMOTE EMERGENCY BATTERY: IC NEW CONSTRUCTION HOUSING**IC - IC Air-Tight New Construction**

ER8W and **ER15W** is an 8W and 15W Emergency Battery that is remote to the fixture with a remote test switch. Ceiling access is required for replacement purposes

1. Remote Emergency Battery
2. Remote Test Switch

INTEGRAL EMERGENCY BATTERY: IC NEW CONSTRUCTION HOUSING**IC - IC Air-Tight New Construction**

ER4W is an 4W Emergency Battery that is integral to the fixture with a remote test switch. The EM unit is accessible from below the ceiling for replacement purposes.

*Available in IC housing only

1. Integral Emergency Battery
2. Remote Test Switch