

4" LED ARCHITECTURAL SQUARE FLANGELESS ADJUSTABLE

NEW CONSTRUCTION: IC & NON IC



GENERAL INFORMATION

USE OF PRODUCT

The 4" Prime Adjustable is the ideal product for architectural energy efficient lighting in commercial and residential applications. Available options include die-cast or anodized aluminum trims, various temperatures, optics, lumen outputs, 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. Light engine provides a quick disconnect with locking strain relief to housing.

OPTICAL LENS

Field replaceable optical lenses are available in 15°, 24°, 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 ½" 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 1½" ceiling thickness.
- Accommodation for 2" or 3" ceiling thickness available upon request.

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 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



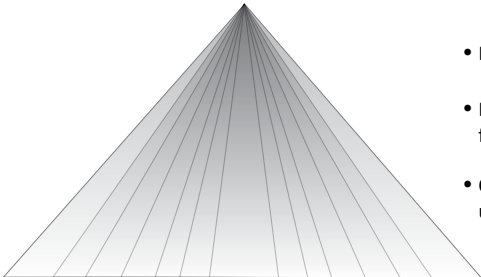
GENERAL PERFORMANCE CHART

*Detailed performance chart may be found on page 3

	6W	9W	12W	15W	20W	24W	28W	32W	33W	35W	40W	48W	56W
Initial Lumens	955	1296	1618	2015	2422	2799	3128	3405	4090	4626	4967	5786	6472
Delivered Lumens	424-829	581-1135	736-1436	907-1744	1101-2122	1279-2470	1442-2868	1589-3096	1815-3518	2097-3879	2274-4218	2636-4887	2953-5484

* 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° 60°

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

PRIME FAMILY OF PRODUCTS



4" LED ARCHITECTURAL SQUARE FLANGELESS ADJUSTABLE

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ORDERING INFORMATION

Series	Wattage	Dimming	Color Temperature	Optical Lens	Filter
RPA4	6W - 6 Watt	ID ² - Standard All-Inclusive ELV, Triac, and 0–10V Dimming Driver (Intelligent Drive)	27K - 2700K	15 ^{6,7} - 15°	Blank - None
	9W - 9 Watt	EEI ³ - eldoLED 1% Dim (0–10V)	30K - 3000K	24 ⁷ - 24°	F - Frosted Filter
	12W - 12 Watt	EEIS ⁴ - eldoLED 1% Dim 0-10V (120-277V), Triac (120V), Max 20W	35K - 3500K	30 - 30°	H - Honey Comb
	15W - 15 Watt	EDIO ³ - eldoLED 0.1% Dim (0-10V)	40K - 4000K	35 - 35°	S - Solite Filter
	20W - 20 Watt	EDID ³ - eldoLED 0.1% Dim (DALI)		40 - 40°	L - Linear Filter
	24W - 24 Watt	EDD ³ - eldoLED 1% Dim (DALI2)		50 - 50°	
	28W - 28 Watt	LDE1 ⁵ - Lutron Hi-Lume 1% Ecosystem with Soft-on, Fade-to-Black Dimming		60 - 60°	
	32W - 32 Watt	L3DA ⁵ - Hi-Lume 1% Ecosystem/3-Wire L3D Driver			
	33W ¹ - 33 Watt	PEQ0 - Lutron Hi-Lume Premier Ecosystem 0.1% with Soft-on, Fade-to-Black Dimming			
	35W ¹ - 35 Watt				
	40W ¹ - 40 Watt				
	48W ¹ - 48 Watt				
	56W ¹ - 56 Watt				

Housing Type	Collar	Module Type	Trim Style	Frame Accessories
IC ⁸ - IC Air-Tight New Construction	CS15 ⁹ - 1.5" Depth	AMH - Adjustable	LPS - Flangeless Plaster	UH - Universal Bar Hanger
NC - Non-IC New Construction	CS20 - 2.0" Depth		LAMS - Flangeless Millwork with Adapter	C - C-Channel Bar Hanger
	CS25 - 2.5" Depth		LDMS - Flangeless Millwork with Dedicated Collar	
	MTO - Made To Order			

Options	Wireless Controls	Notes
ER4W ¹⁰ - Emergency Battery with Remote Switch (400 lm)	Blank - None	1. Not available in IC housing.
EI4W ¹⁰ - Emergency Battery with Integral Switch (400 lm)	AWN - Athena Wireless (Lutron)	2. Intelligent Drive is the standard driver.
ER8W ¹¹ - Emergency Battery with Remote Switch (800 lm)	CLM - Connected Lighting Module (Legrand Wattstopper)	3. Must specify logarithmic or linear eldoLED diver.
EI8W ¹¹ - Emergency Battery with Integral Switch (800 lm)		4. Driver available up to 20W and programmed only in linear mode.
ER15W ¹¹ - Emergency Battery with Remote Switch (1,500 lm)		5. Not offered in 6W.
EI15W ¹¹ - Emergency Battery with Integral Switch (1,500 lm)		6. 15° available in 6W-32W only.
347V - 347V Step down transformer		7. 15° and 24° spread without lens on trim.
CP ¹² - Chicago Plenum		8. Not available in 33W-56W.
		9. Standard Collar Height.
		10. Available in IC housing only.
		11. Ceiling access is required for IC housing to replace the EM unit.
		12. Requires IC housing.

TRIM ORDERING INFORMATION

Bevel Finish	Bevel
4" Square Flangeless Regress Large Opening	4SLOW - White bevel 4SLOH - Haze bevel 4SLOWE - Wheat bevel 4SLOS - Specular clear bevel 4SLOB - Black bevel 4SLOMTO - Made to order
4" Square Flangeless Accent	4SLAW - White bevel 4SLAH - Haze bevel 4SLAWE - Wheat bevel 4SLAS - Specular clear bevel 4SLAB - Black bevel 4SLAMTO - Made to order

4" LED ARCHITECTURAL SQUARE FLANGELESS ADJUSTABLE

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PERFORMANCE CHART

Optics		^{1,2} 15°	² 24°	30°	35°	40°	50°	60°
6W	Initial Lumens	955	955	955	955	955	955	955
	Delivered Lumens	803	829	672	708	744	617	424
	UGR			9.8	10.3	12.7	16.4	18.2
9W	Initial Lumens	1296	1296	1296	1296	1296	1296	1296
	Delivered Lumens	1097	1135	920	968	1017	854	581
	UGR			11.2	11.8	14.1	17.8	19.7
12W	Initial Lumens	1618	1618	1618	1618	1618	1618	1618
	Delivered Lumens	1387	1436	1161	1226	1277	1070	736
	UGR			11.8	12.5	14.7	18.4	20.4
15W	Initial Lumens	2015	2015	2015	2015	2015	2015	2015
	Delivered Lumens	1632	1744	1485	1561	1564	1308	907
	UGR			12.5	13.2	15.4	19.1	21.1
20W	Initial Lumens	2422	2422	2422	2422	2422	2422	2422
	Delivered Lumens	1976	2122	1805	1897	1904	1592	1101
	UGR			13.3	13.8	16.1	19.8	21.8
24W	Initial Lumens	2799	2799	2799	2799	2799	2799	2799
	Delivered Lumens	2300	2470	2099	2207	2217	1856	1279
	UGR			13.8	14.4	16.7	20.3	22.3
28W	Initial Lumens	3128	3128	3128	3128	3128	3128	3128
	Delivered Lumens	2820	2868	2365	2487	2500	2095	1442
	UGR			14.3	14.8	17.1	20.8	22.7
32W	Initial Lumens	3405	3405	3405	3405	3405	3405	3405
	Delivered Lumens	2921	3096	2603	2738	2753	2307	1589
	UGR			14.6	15.1	17.4	21.1	23
33W	Initial Lumens		4090		4090	4090	4090	4090
	Delivered Lumens		3518		2928	3031	3041	1815
	UGR				17.4	17.5	19.3	22.9
35W	Initial Lumens		4626		4626	4626	4626	4626
	Delivered Lumens		3879		3208	3352	3381	2097
	UGR				17.6	17.8	19.7	23.5
40W	Initial Lumens		4967		4967	4967	4967	4967
	Delivered Lumens		4218		3500	3657	3705	2274
	UGR				17.9	18.1	20	24
48W	Initial Lumens		5765		5765	5765	5765	5765
	Delivered Lumens		4887		4062	4245	4312	2636
	UGR				18.4	18.7	20.5	24.3
56W	Initial Lumens		6472		6472	6472	6472	6472
	Delivered Lumens		5484		4563	4772	4857	2953
	UGR				18.8	19.1	20.9	24.7

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

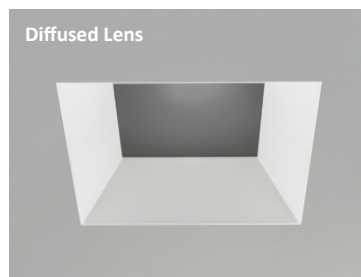
Notes

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

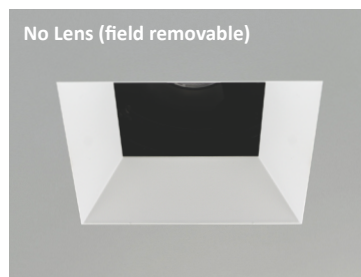
COLOR TEMPERATURE MULTIPLIER FOR DELIVERED LUMENS

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

4SLO REGRESS LARGE OPENING

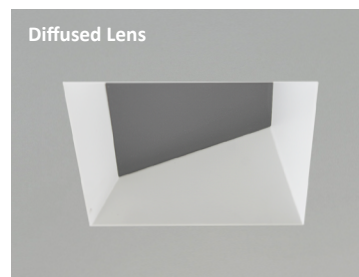


- IES files are based on the large opening trim with diffused lens.

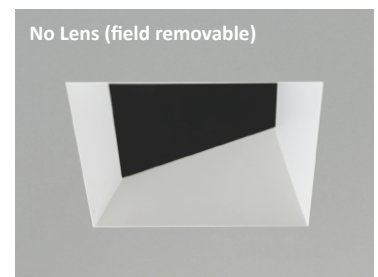


- Not suitable for wet locations
- Increase in lumens by approximately 7%

4SLA ACCENT



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

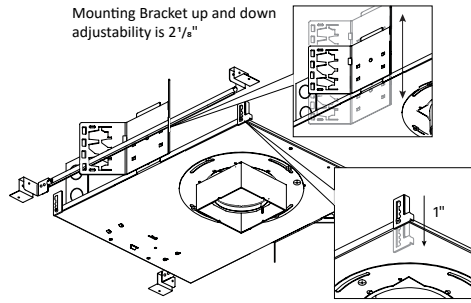


- Not suitable for wet locations
- Increase in lumens by approximately 7%

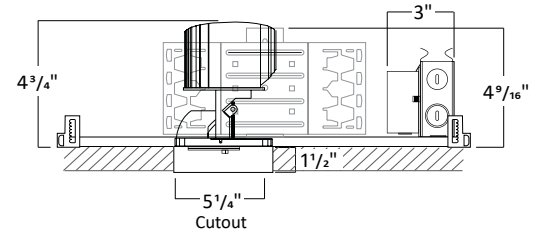
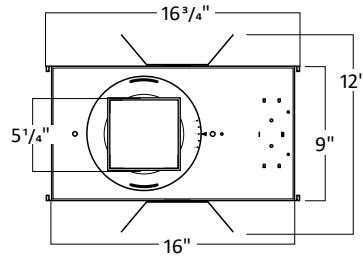
4" LED ARCHITECTURAL SQUARE FLANGELESS ADJUSTABLE

NEW CONSTRUCTION: IC & NON IC

NON-IC HOUSING DIMENSIONS 6W-20W

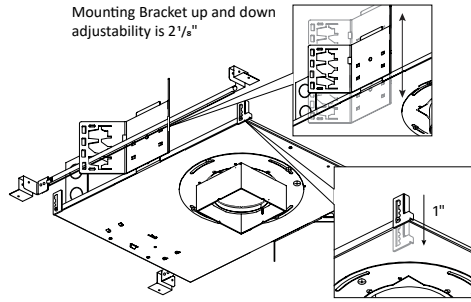


Universal bar hanger mounts on the length or width side of the fixture; Ceiling mount bracket provides 1" adjustability.

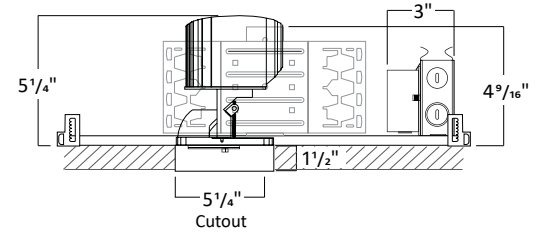
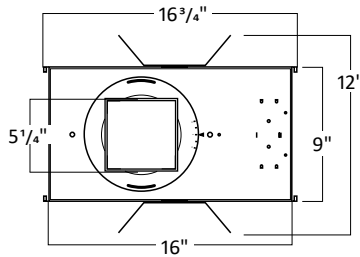


1. $1\frac{1}{2}"$ is the standard collar height. Consult factory for Made to Order collar heights.
2. Allow $\frac{1}{8}"$ tolerance.

NON-IC HOUSING DIMENSIONS 24W-56W

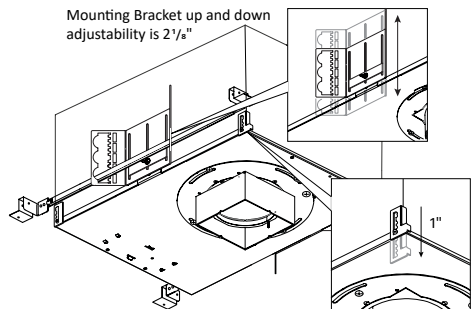


Universal bar hanger mounts on the length or width side of the fixture; Ceiling mount bracket provides 1" adjustability.

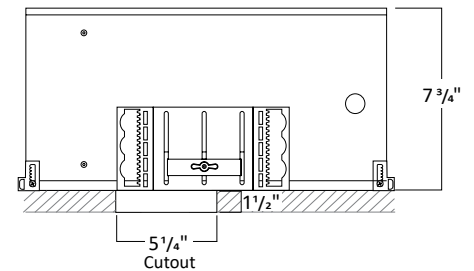
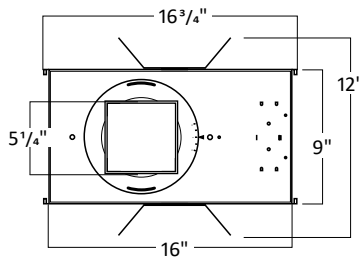


1. $1\frac{1}{2}"$ is the standard collar height. Consult factory for Made to Order collar heights.
2. Allow $\frac{1}{8}"$ tolerance.

IC HOUSING DIMENSIONS 6W-32W



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



1. $1\frac{1}{2}"$ is the standard collar height. Consult factory for Made to Order collar heights.
2. Allow $\frac{1}{8}"$ tolerance.

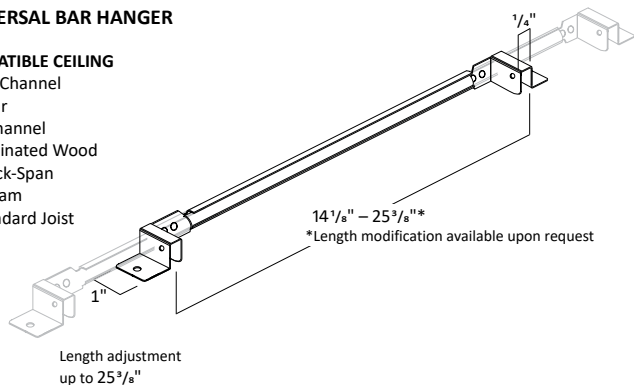
4" LED ARCHITECTURAL SQUARE FLANGELESS ADJUSTABLE NEW CONSTRUCTION: IC & NON IC

FRAME ACCESSORIES

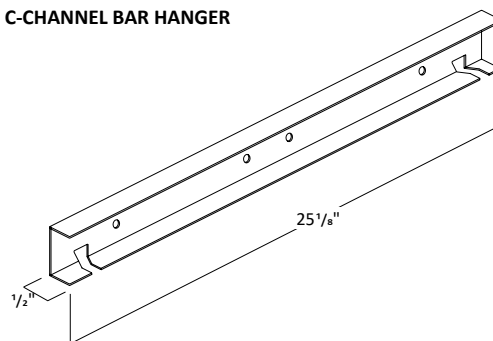
UNIVERSAL BAR HANGER

COMPATIBLE CEILING

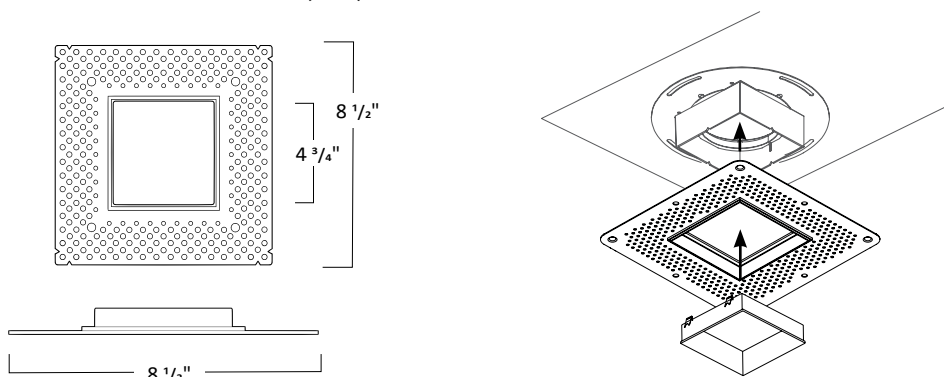
- Hat Channel
- T-Bar
- C-Channel
- Laminated Wood
- Quick-Span
- I-Beam
- Standard Joist



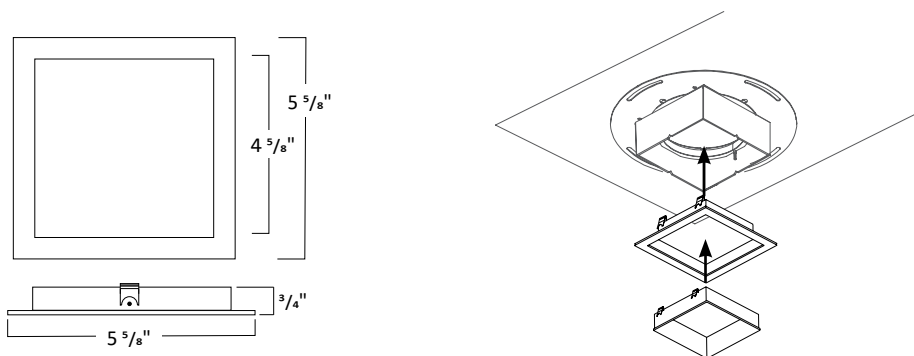
C-CHANNEL BAR HANGER



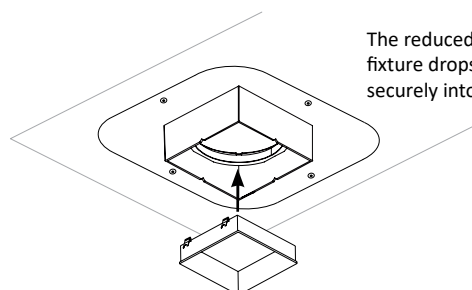
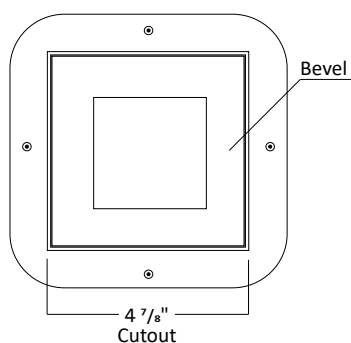
FLANGELESS PLASTER (LPS)



FLANGELESS MILLWORK WITH ADAPTER (LAMS)



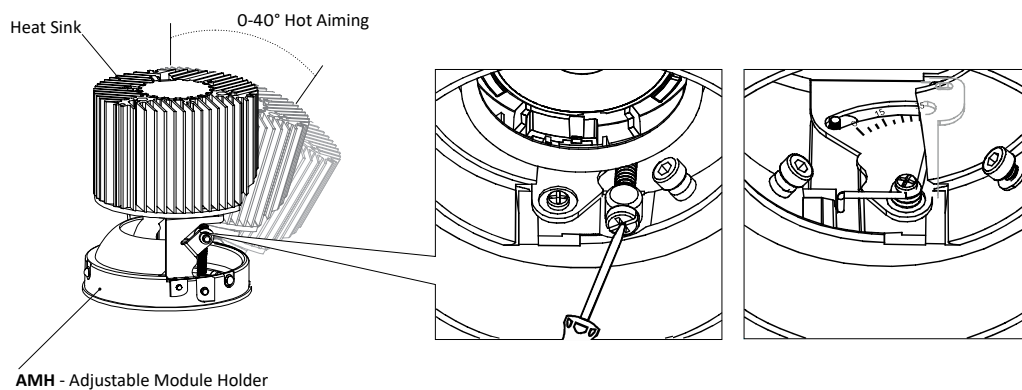
FLANGELESS MILLWORK WITH DEDICATED COLLAR (LDMS)



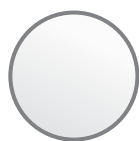
The reduced collar diameter allows for easy installation; the fixture drops into the ceiling opening and the bevel clicks securely into the collar.

4" LED ARCHITECTURAL SQUARE FLANGELESS ADJUSTABLE NEW CONSTRUCTION: IC & NON IC

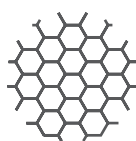
LED MODULE



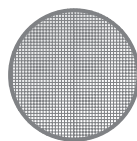
FILTERS



Frosted Filter



Honey Comb

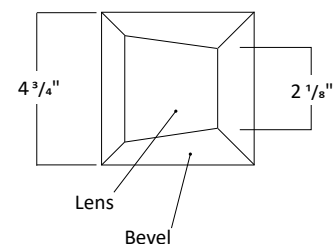
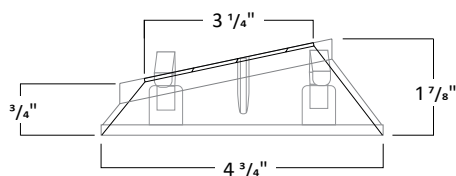
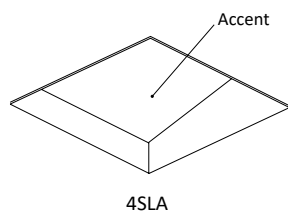
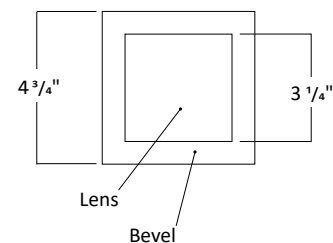
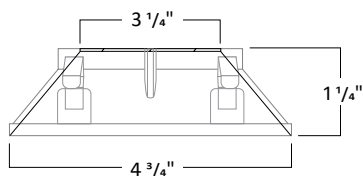
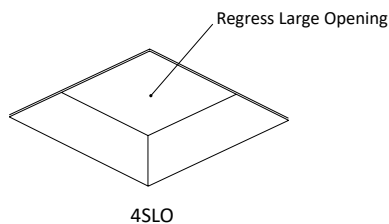


Solite Filter



Linear Filter

TRIM DIMENSIONS



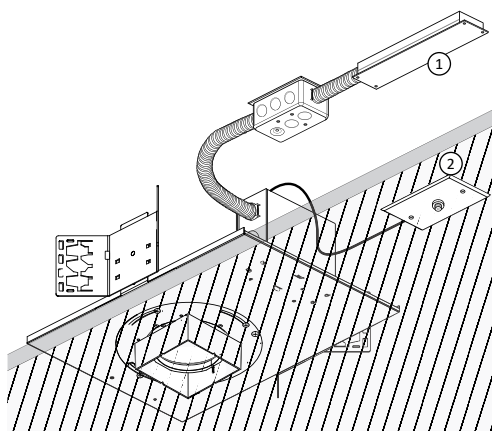
TRIM FINISH



*Consult Factory for Made to Order Finishes

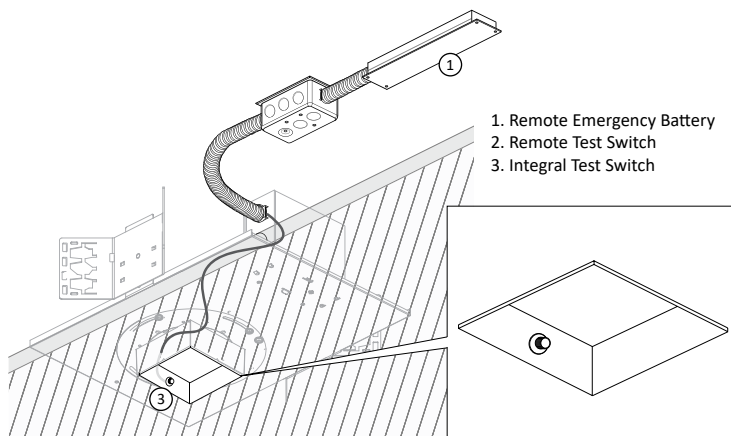
4" LED ARCHITECTURAL SQUARE FLANGELESS ADJUSTABLE NEW CONSTRUCTION: IC & NON IC

REMOTE EMERGENCY BATTERY: NON-IC NEW CONSTRUCTION HOUSING



NC - Non-IC New Construction

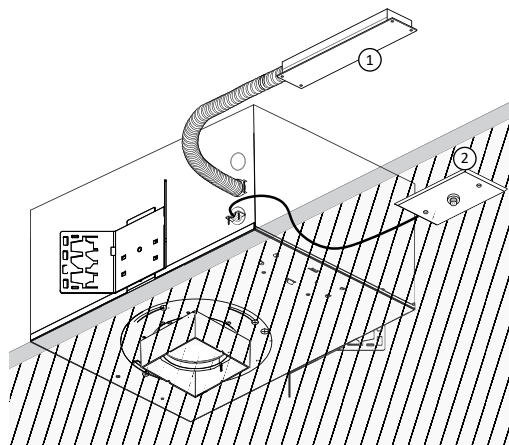
ER8W and **ER15W** is an 8W and 15W Emergency Battery that is remote to the fixture with a remote test switch. The EM unit is accessible from below the ceiling for replacement purposes.



NC - Non-IC New Construction

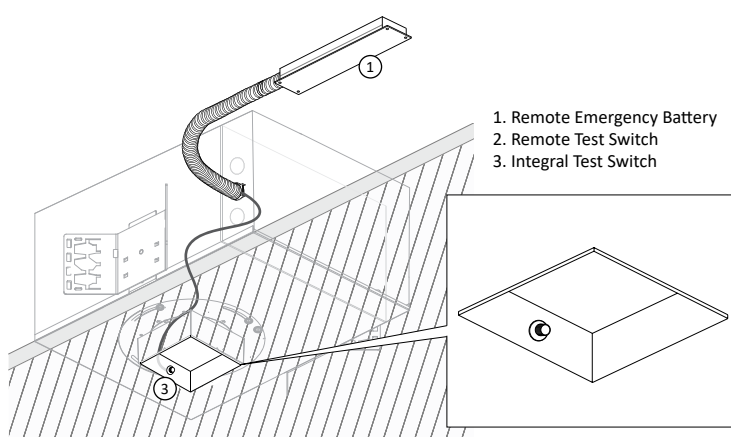
EI8W and **EI15W** is an 8W and 15W Emergency Battery that is remote to the fixture with an integral test switch. The EM unit is accessible from below the ceiling for replacement purposes.

REMOTE EMERGENCY BATTERY: IC NEW CONSTRUCTION HOUSING



IC - IC Air-Tight New Construction

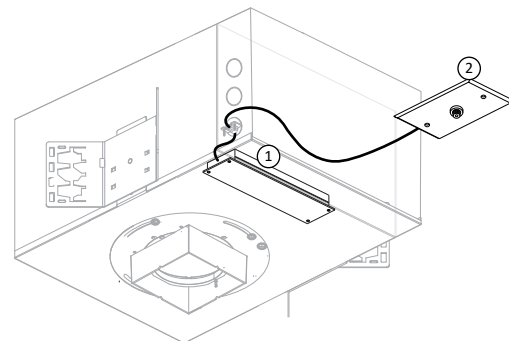
ER8W and **ER15W** is an 8W and 15W Emergency Battery that is remote to the fixture with a remote test switch. Ceiling access is required for replacement purposes.



IC - IC Air-Tight New Construction

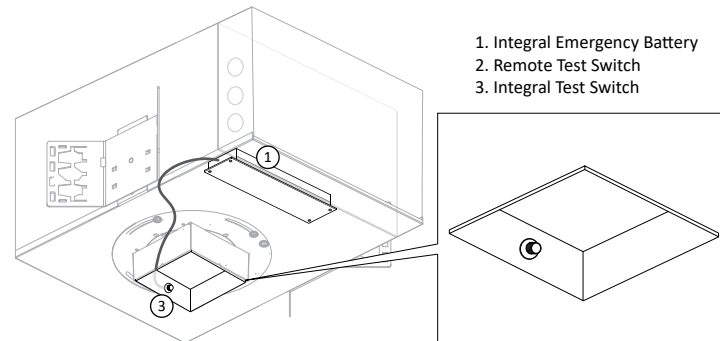
EI8W and **EI15W** is an 8W and 15W Emergency Battery that is remote to the fixture with an integral test switch. Ceiling access is required for replacement purposes.

INTEGRAL EMERGENCY BATTERY: IC NEW CONSTRUCTION HOUSING



IC - IC Air-Tight New Construction

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



IC - IC Air-Tight New Construction

EI4W is a 4W Emergency Battery that is integral to the fixture with an integral test switch. The EM unit is accessible from below the ceiling for replacement purposes.

*Available in IC housing only