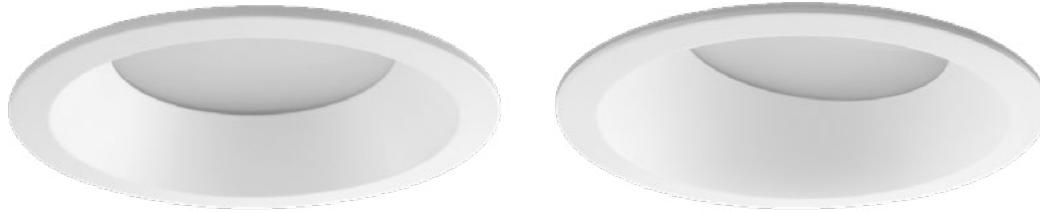


## 3" LED ARCHITECTURAL ROUND FLANGE ADJUSTABLE

NEW CONSTRUCTION: IC &amp; NON IC



## GENERAL INFORMATION

## USE OF PRODUCT

The 3" Prime Adjustable is a small aperture fixture with a shallow housing height of 4 1/4", 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) LutronHi-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



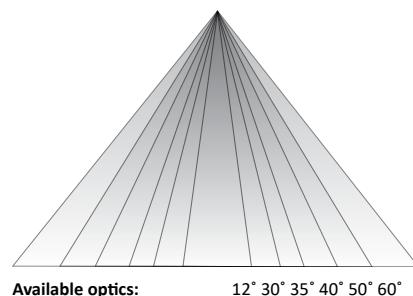
## GENERAL PERFORMANCE CHART

\*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



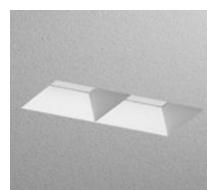
Downlight



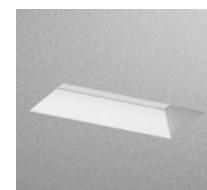
TechZone®



WoodWorks®



Multiple Dedicated Bevel



Multiple Open Bevel



Cylinder



Square Luminaire

## 3" LED ARCHITECTURAL ROUND FLANGE ADJUSTABLE

NEW CONSTRUCTION: IC &amp; NON IC

## ORDERING INFORMATION

Series	Wattage	Dimming	Color Temperature	Optical Lens	Filter
RPA3	6W - 6 Watt	ID <sup>2</sup> - Standard All-Inclusive ELV, Triac, and 0-10V Dimming Driver (Intelligent Drive)	27K - 2700K	12 <sup>6,7</sup> - 12°	Blank - None
	9W - 9 Watt		30K - 3000K	30 - 30°	F - Frosted Filter
	12W - 12 Watt	EEI <sup>3</sup> - eldoLED 1% Dim (0-10V)	35K - 3500K	35 - 35°	H - Honey Comb
	15W - 15 Watt	EEIS <sup>4</sup> - 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 <sup>3</sup> - eldoLED 0.1% Dim (0-10V)		60 - 60°	
	28W <sup>1</sup> - 28 Watt	EDID <sup>3</sup> - eldoLED 0.1% Dim (DALI)			
	32W <sup>1</sup> - 32 Watt	EDD <sup>3</sup> - eldoLED 1% Dim (DALI2)			
		LDE1 <sup>5</sup> - Lutron Hi-Lume 1% Ecosystem with Soft-on, Fade-to-Black Dimming			
		L3DA <sup>5</sup> - Hi-Lume 1% Ecosystem/3-Wire L3D Driver			
		PEQO - Lutron Hi-Lume Premier Ecosystem 0.1% with Soft-on, Fade-to-Black Dimming			
<b>Housing Type</b>		<b>Collar</b>	<b>Module Type</b>	<b>Frame Accessories</b>	<b>Options</b>
IC <sup>6</sup> - IC Air-Tight New Construction		CR10 - 1.0" Depth	AMH - Adjustable	UH - Universal Bar Hanger	ER4W <sup>9</sup> - Emergency Battery with Remote test switch (400 lm)
NC - Non-IC New Construction		CR15 - 1.5" Depth		C - C-Channel Bar Hanger	ER8W <sup>10</sup> - Emergency Battery with Remote test switch (800 lm)
		MTO - Made To Order			ER15W <sup>10</sup> - Emergency Battery with Remote test switch (1,500 lm)
					347V - 347V Step down transformer
					CP <sup>11</sup> - Chicago Plenum

## TRIM ORDERING INFORMATION

## DIE-CAST

Bevel / Flange Finish	Trim Type	Bevel	Flange
May be mixed and matched			
3" Round Flange Open	3RFO-CL	W - White	W - White
	3RFO-CL	B - Black	B - Black
	3RFO-CL	H - Haze	BZ - Bronze
	3RFO-CL	BZ - Bronze	MTO - Made To Order
	3RFO-CL	MTO - Made To Order	
3" Round Flange Accent	3RFA-CL	W - White	W - White
	3RFA-CL	B - Black	B - Black
	3RFA-CL	H - Haze	BZ - Bronze
	3RFA-CL	BZ - Bronze	MTO - Made To Order
	3RFA-CL	MTO - Made To Order	

## Notes

1. Not available in IC housing.
2. Intelligent Drive is the standard driver.
3. Must specify logarithmic or linear eldoLED diver.
4. Available up to 20W and programmable 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. Available in IC housing only.
10. Ceiling access is required for IC housing to replace the EM unit.
11. Requires IC housing.

## SPUN ALUMINUM (SELF-FLANGED)

Bevel / Flange Finish	Trim Type	Self-Flanged
3" Round Flange Open	3RFO-AL	H - Haze
	3RFO-AL	C - Clear
	3RFO-AL	MTO - Made To Order
3" Round Flange Accent	3RFA-AL	H - Haze
	3RFA-AL	C - Clear
	3RFA-AL	MTO - Made To Order

3" LED ARCHITECTURAL ROUND FLANGE ADJUSTABLE

NEW CONSTRUCTION: IC &amp; NON IC

**PERFORMANCE CHART**

Optics	<sup>1</sup> 12°	30°	35°	40°	50°	60°
<b>6W</b>	<b>Initial Lumens</b> 657	955	955	955	955	955
	<b>Delivered Lumens</b> 555	645	720	717	658	436
	<b>UGR</b>	11.8	12	15.1	18.1	19.1
<b>9W</b>	<b>Initial Lumens</b> 890	1296	1296	1296	1296	1296
	<b>Delivered Lumens</b> 750	883	986	986	900	598
	<b>UGR</b>	13.1	13.3	16.5	19.6	20.5
<b>12W</b>	<b>Initial Lumens</b> 1122	1618	1618	1618	1618	1618
	<b>Delivered Lumens</b> 941	1120	1248	1255	1140	758
	<b>UGR</b>	13.6	13.9	17.1	20.1	21.2
<b>15W</b>	<b>Initial Lumens</b> 1267	2015	2015	2015	2015	2015
	<b>Delivered Lumens</b> 1007	1375	1558	1558	1493	947
	<b>UGR</b>	14.4	14.6	17.8	20.8	22.7
<b>20W</b>	<b>Initial Lumens</b> 1485	2422	2422	2422	2422	2422
	<b>Delivered Lumens</b> 1187	1689	1912	1887	1803	1113
	<b>UGR</b>	15.1	15.4	18.5	21.5	22.5
<b>24W</b>	<b>Initial Lumens</b>	2799	2799	2799	2799	2799
	<b>Delivered Lumens</b>	1947	2202	2185	2083	1284
	<b>UGR</b>	15.6	15.9	19	22	23
<b>28W</b>	<b>Initial Lumens</b>	3128	3128	3128	3128	3128
	<b>Delivered Lumens</b>	2173	2455	2446	2328	1437
	<b>UGR</b>	16	16.3	19.4	22.4	23.4
<b>32W</b>	<b>Initial Lumens</b>	3405	3405	3405	3405	3405
	<b>Delivered Lumens</b>	2362	2776	2666	2533	1566
	<b>UGR</b>	17.8	17	19.7	22.6	23.7

\* Values are listed at 3000K, 90+ CRI with a white bevel &amp; 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

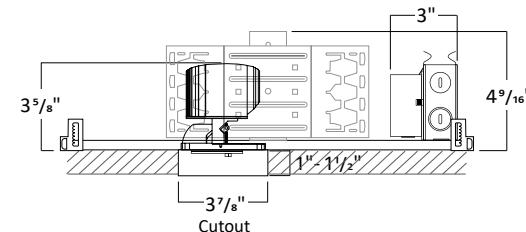
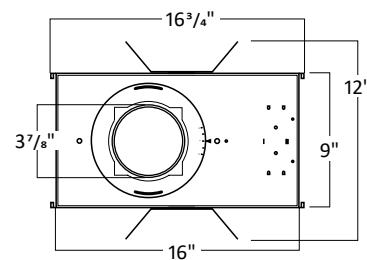
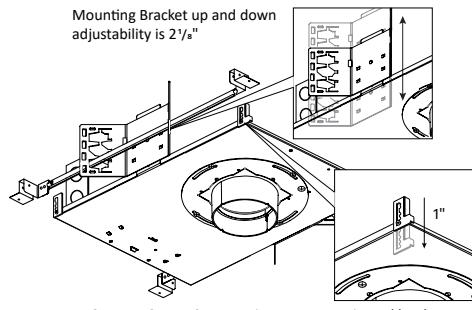
**OPTIONAL FIELD REMOVABLE LENS**

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

## 3" LED ARCHITECTURAL ROUND FLANGE ADJUSTABLE

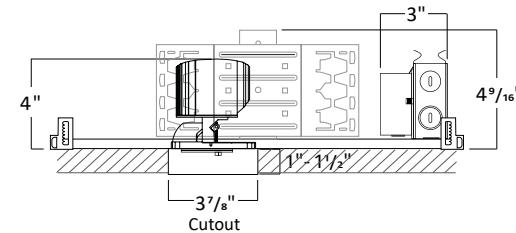
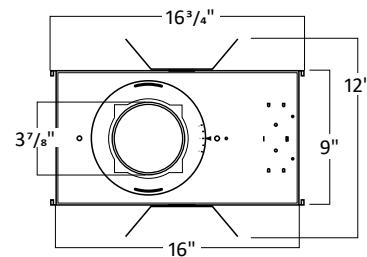
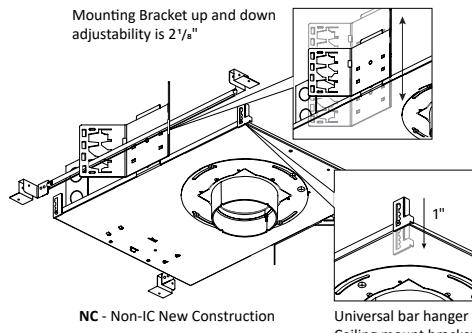
NEW CONSTRUCTION: IC & NON IC

### NON-IC HOUSING DIMENSIONS 6W-20W



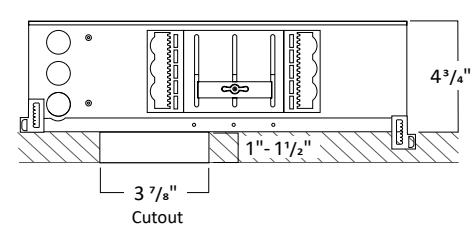
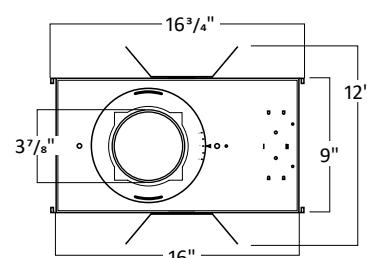
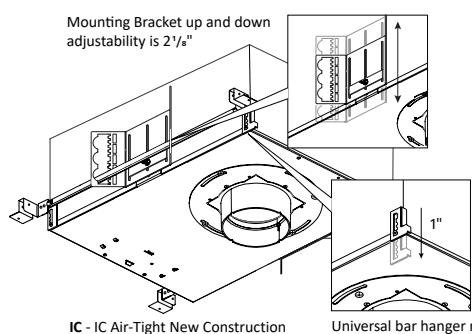
1. Must remove spacer to achieve  $1\frac{1}{8}$ " collar height
2. Consult factory for Made to Order collar height
3. Allow  $\frac{1}{8}$ " tolerance

### NON-IC HOUSING DIMENSIONS 24W-32W



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

### IC HOUSING DIMENSIONS 6W-24W

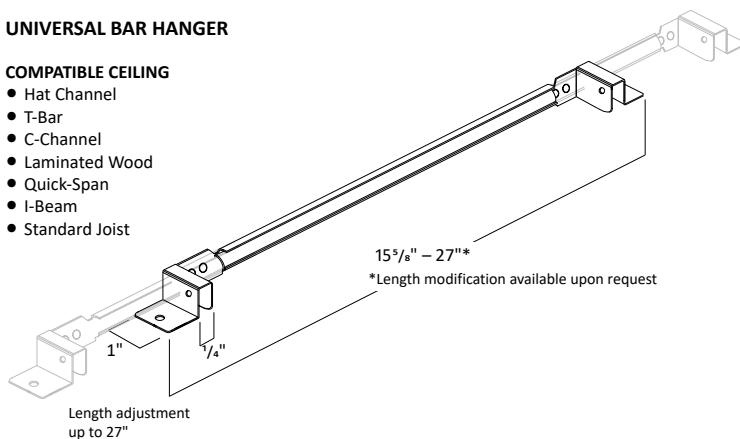


## FRAME ACCESSORIES

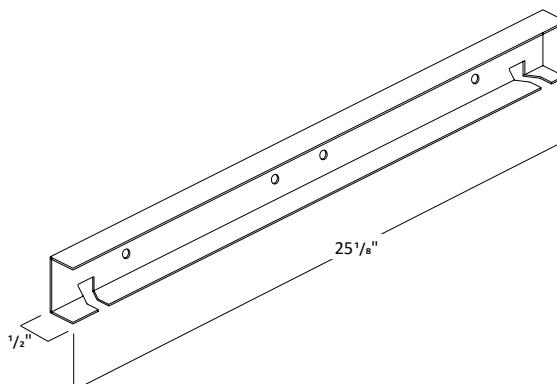
### UNIVERSAL BAR HANGER

#### COMPATIBLE CEILING

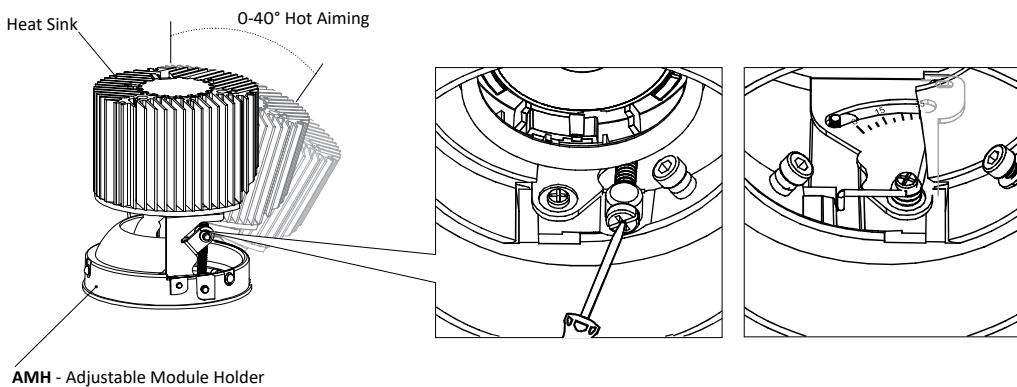
- Hat Channel
- T-Bar
- C-Channel
- Laminated Wood
- Quick-Span
- I-Beam
- Standard Joist



### C-CHANNEL BAR HANGER



## MODULE DIMENSIONS



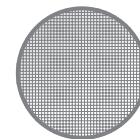
## FILTERS



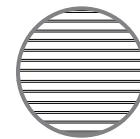
Frosted Filter



Honey Comb



Solite Filter



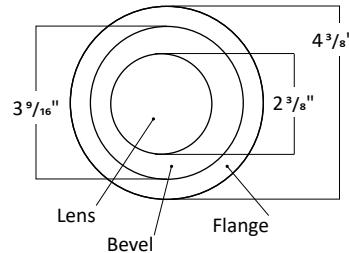
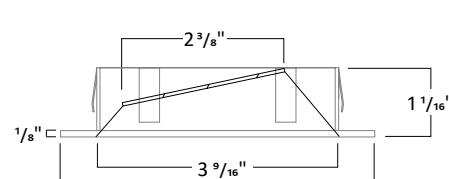
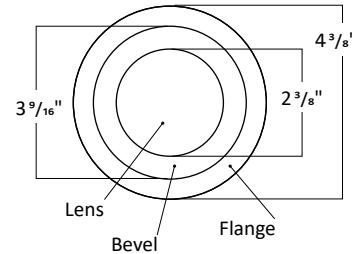
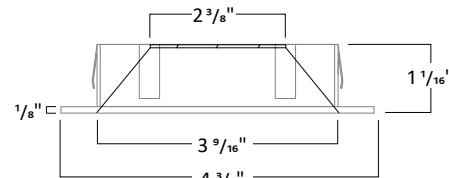
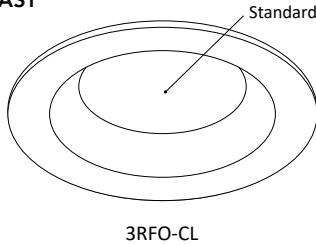
Linear Filter

## 3" LED ARCHITECTURAL ROUND FLANGE ADJUSTABLE

NEW CONSTRUCTION: IC & NON IC

### TRIM DIMENSIONS

#### DIE-CAST



#### TRIM FINISH

May be mixed and matched



White



Black



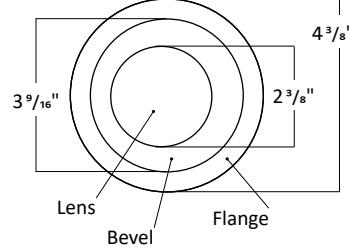
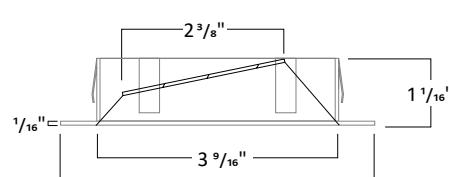
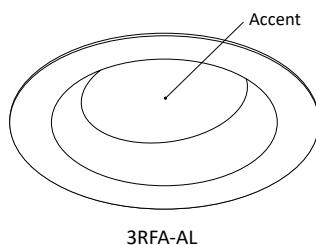
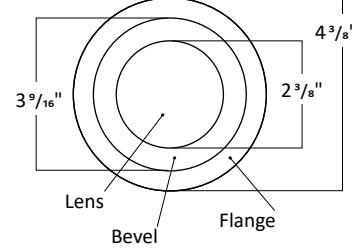
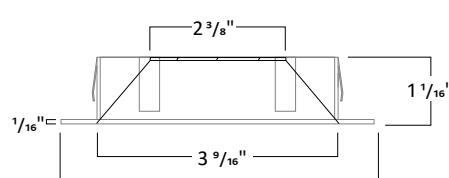
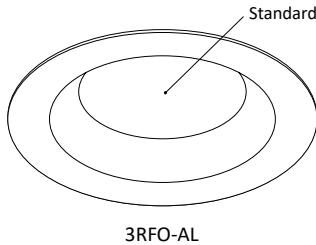
Haze



Bronze

\*Consult Factory for Made to Order Finishes

#### SPUN ALUMINUM (SELF-FLANGED)



#### TRIM FINISH



Haze

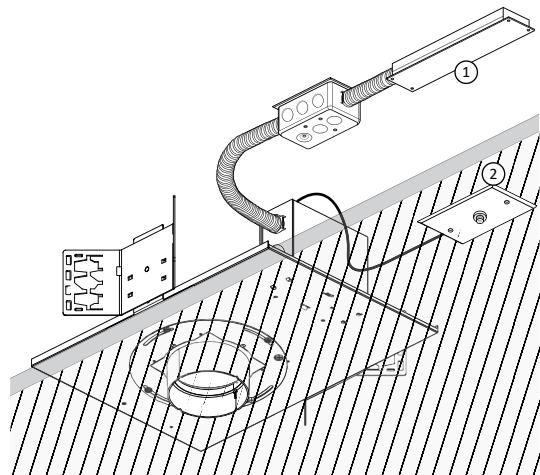


Clear

\*Consult Factory for Made to Order Finishes

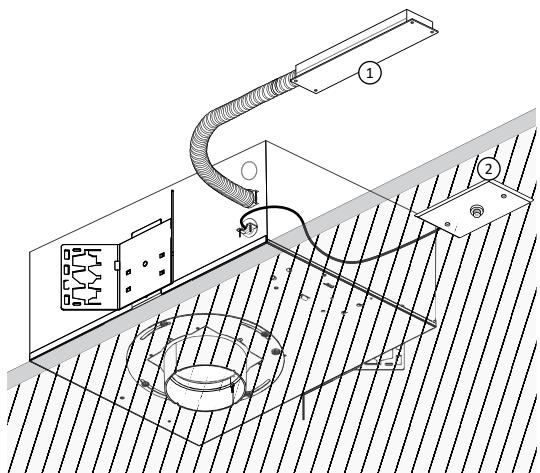
3" LED ARCHITECTURAL ROUND FLANGE ADJUSTABLE

NEW CONSTRUCTION: IC &amp; NON IC

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

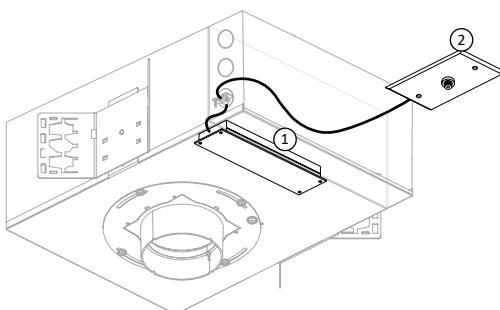
**ER8W** and **ER15W** is an 8W and 15W Emergency Battery that is remote to the fixture with a remote test switch. The EM unit is accessible from below the ceiling for replacement purposes.

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