

2" LED ARCHITECTURAL SQUARE FLANGELESS ADJUSTABLE

NEW CONSTRUCTION: IC & NON IC



GENERAL INFORMATION

USE OF PRODUCT

The 2" Prime Adjustable is a small aperture fixture with shallow height that may be used in residential and commercial applications. Die cast trims, with an assortment of color temperatures, optics and dimmable drivers available.

LED ENGINE

LED engine available with CREE LEDs in 2700K, 3000K, 3500K, or 4000K in standard 93+ CRI. 2 Step MacAdam ellipse allows for color consistency between fixtures. LED mounted to aluminum heat sink for maximum life output and thermal management. LED engine is accessible from below ceiling.

OPTICAL LENS

Field replaceable optical lenses are available in 17°, 35°, 40°, 50°, and 55°. Easily achieve narrow spot to wide flood beam pattern.

THERMAL MANAGEMENT

Ambient temperatures at fixture location should not exceed -20° to 40°C.

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. Consult factory for made-to-order aperture collars exceeding 1½".

DIMMING

Available in six driver selections. (ID) Standard all-inclusive ELV (120V), Triac (120V), and 0-10V (120-277V) dimming driver called Intelligent Drive. (EEIS) eldoLED 1% Dim 0-10V (120-277V), Triac (120V), Max 20W. (EDIO) eldoLED 0.1% Dim (0-10V), 120-277V. (EDID) eldoLED 0.1% Dim (DALI), (EDD) eldoLED 1% Dim (DALI2), (PEQ0) Lutron Hi-Lume Premier Ecosystem 0.1% with Soft-on, Fade-to-Black Dimming. Drivers are accessible from below the ceiling.

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 8 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
- Dry/Damp/Wet location rated
- Chicago Plenum with IC Housing
- 5-year limited warranty



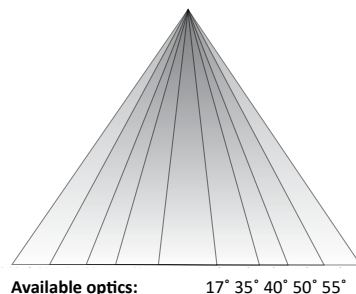
GENERAL PERFORMANCE CHART

*Detailed performance chart may be found on page 2

| | 6W | 9W | 12W | 15W | 20W |
|------------------|---------|----------|-----------|-----------|-----------|
| Initial Lumens | 657/955 | 890/1296 | 1122/1618 | 1267/2015 | 1485/2422 |
| Delivered Lumens | 537-678 | 729-926 | 920-1171 | 1020-1452 | 1199-1756 |

* 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



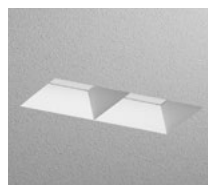
Downlight



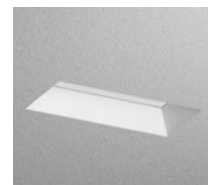
TechZone®



WoodWorks®



Multiple Dedicated Bevel



Multiple Open Bevel



Cylinder



Square Luminaire

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ORDERING INFORMATION

| Series | Wattage | Dimming | Color Temperature | Optical Lens | Filter | Housing Type |
|--------|---------------|---|-------------------|-----------------------|--------------------|------------------------------------|
| RPA2 | 6W - 6 Watt | ID ¹ - Standard All-Inclusive ELV(120V), Triac(120V), and 0-10V(120-277V) Dimming Driver (Intelligent Drive) | 27K - 2700K | 17 ⁴ - 17° | Blank - None | IC - IC Air-Tight New Construction |
| | 9W - 9 Watt | | 30K - 3000K | 35 - 35° | F - Frosted Filter | NC - Non-IC New Construction |
| | 12W - 12 Watt | | 35K - 3500K | 40 - 40° | H - Honey Comb | |
| | 15W - 15 Watt | EEIS ² - eldoLED 1% Dim 0–10V (120-127V), Triac (120V) | 40K - 4000K | 50 - 50° | S - Solite Filter | |
| | 20W - 20 Watt | EDIO ³ - eldoLED 0.1% Dim (0–10V) | | 55 - 55° | L - Linear Filter | |
| | | EDID ³ - eldoLED 0.1% Dim (DALI) EDD ³ - eldoLED 1% Dim (DALI2) PEQO - Lutron Hi-Lume Premier Ecosystem 0.1% with Soft-on, Fade-to-Black Dimming | | | | |

| Collar | Module Type | Trim Style | Frame Accessories | Options |
|---------------------|------------------|--|---------------------------|---|
| CS10 - 1.0" Depth | AMH - Adjustable | LPS - Flangeless Plaster | UH - Universal Bar Hanger | ER4W ⁵ - Emergency Battery with Remote test switch (400 lm) |
| CS15 - 1.5" Depth | | LAMS - Flangeless Millwork with Adapter | C - C-Channel Bar Hanger | ER8W ⁶ - Emergency Battery with Remote test switch (800 lm) |
| MTO - Made To Order | | LDMS - Flangeless Millwork with Dedicated Collar | | ER15W ⁶ - Emergency Battery with Remote test switch (1,500 lm) |
| | | | | 347V - 347V Step down transformer |
| | | | | CP ⁷ - Chicago Plenum |

TRIM ORDERING INFORMATION

DIE-CAST

| Bevel Finish | Bevel | Finish | Notes 1. Intelligent Drive is the standard driver. 2. Programmable only in linear mode. 3. Must specify logarithmic or linear eldoLED diver. 4. 17° spread without lens on trim. 5. Available in IC housing only. 6. Ceiling access is required for IC housing to replace the EM unit. 7. Requires IC housing. |
|-----------------------------|---------|---------------------|---|
| 2" Square Flangeless Open | 2SLO-CL | W - White | |
| | 2SLO-CL | B - Black | |
| | 2SLO-CL | H - Haze | |
| | 2SLO-CL | BZ - Bronze | |
| | 2SLO-CL | MTO - Made To Order | |
| 2" Square Flangeless Accent | 2SLA-CL | W - White | |
| | 2SLA-CL | B - Black | |
| | 2SLA-CL | H - Haze | |
| | 2SLA-CL | BZ - Bronze | |
| | 2SLA-CL | MTO - Made To Order | |

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PERFORMANCE CHART

| Optics | | ¹ 17° | 35° | 40° | 50° | 55° |
|--------|------------------|------------------|------|------|------|------|
| 6W | Initial Lumens | 657 | 955 | 955 | 955 | 955 |
| | Delivered Lumens | 537 | 645 | 675 | 672 | 678 |
| | UGR | | 16.8 | 17 | 20 | 20.3 |
| 9W | Initial Lumens | 890 | 1296 | 1296 | 1296 | 1296 |
| | Delivered Lumens | 729 | 885 | 925 | 920 | 926 |
| | UGR | | 18.2 | 18.3 | 21.2 | 21.5 |
| 12W | Initial Lumens | 1122 | 1618 | 1618 | 1618 | 1618 |
| | Delivered Lumens | 920 | 1123 | 1171 | 1170 | 1169 |
| | UGR | | 18.7 | 18.8 | 22.2 | 22.3 |
| 15W | Initial Lumens | 1267 | 2015 | 2015 | 2015 | 2015 |
| | Delivered Lumens | 1020 | 1371 | 1410 | 1452 | 1415 |
| | UGR | | 19.5 | 19.6 | 21.1 | 22.4 |
| 20W | Initial Lumens | 1485 | 2422 | 2422 | 2422 | 2422 |
| | Delivered Lumens | 1199 | 1662 | 1706 | 1756 | 1714 |
| | UGR | | 20.2 | 20.3 | 21.7 | 23.1 |

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

Notes
1. 17° spread without lens on 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

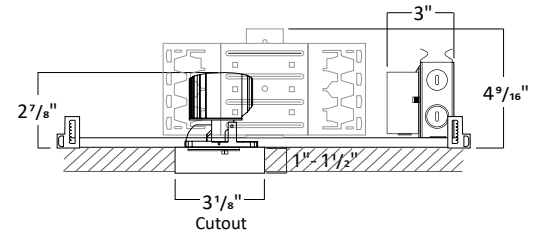
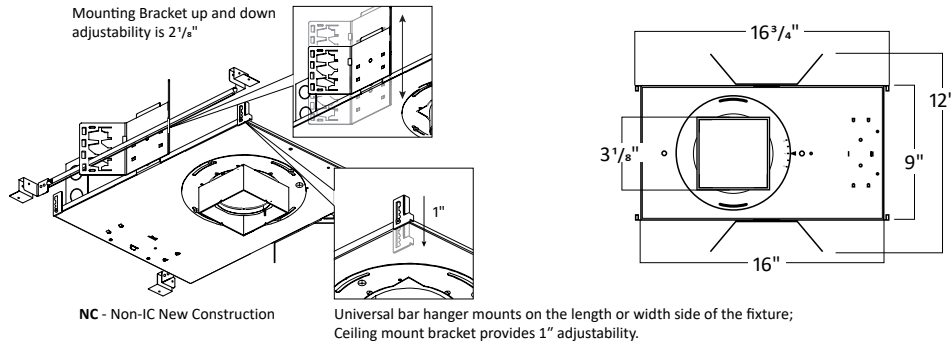
OPTIONAL FIELD REMOVABLE LENS



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

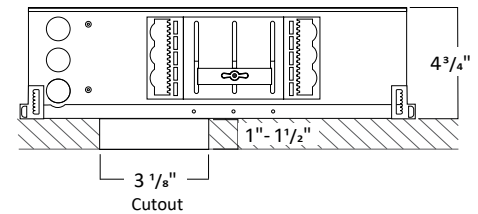
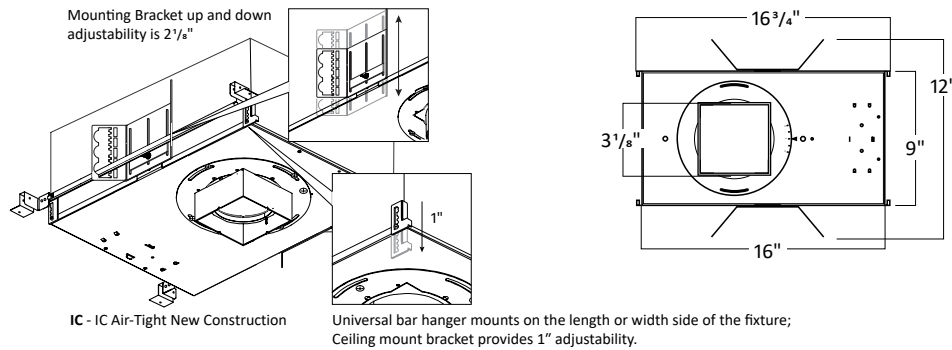
2" LED ARCHITECTURAL SQUARE FLANGELESS ADJUSTABLE NEW CONSTRUCTION: IC & NON IC

NON-IC HOUSING DIMENSIONS



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

IC HOUSING DIMENSIONS



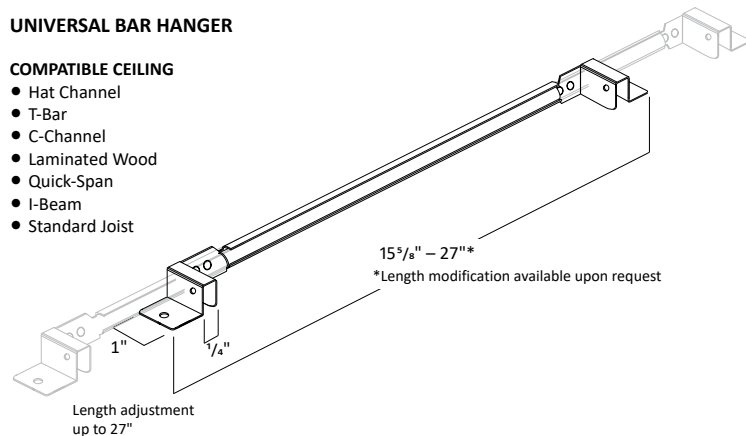
1. Must remove spacer to achieve 1 1/2" collar height
2. Consult factory for Made to Order collar height
3. Allow 1/8" tolerance

FRAME ACCESSORIES

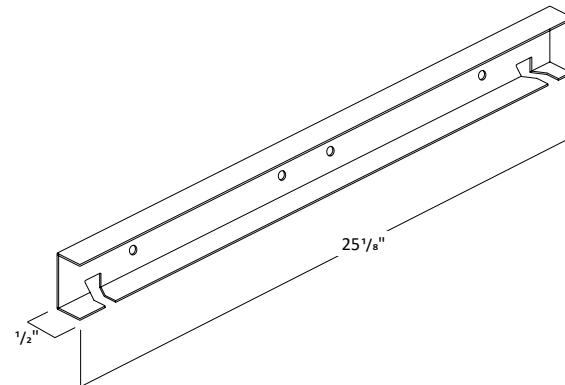
UNIVERSAL BAR HANGER

COMPATIBLE CEILING

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

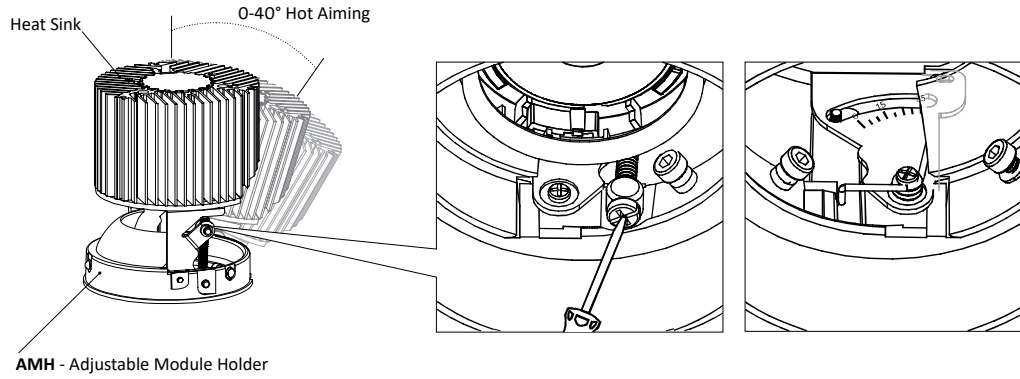


C-CHANNEL BAR HANGER

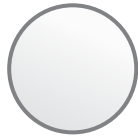


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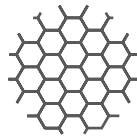
MODULE DIMENSIONS



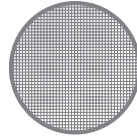
FILTERS



Frosted Filter



Honey Comb



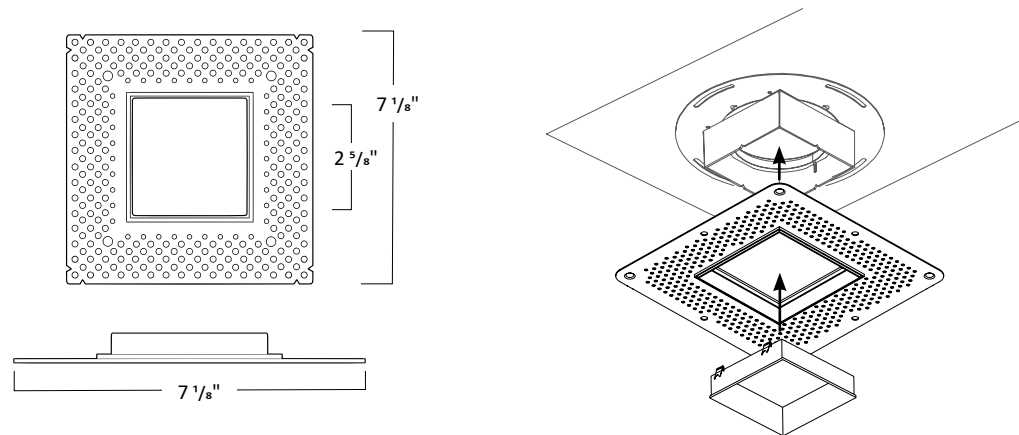
Solite Filter



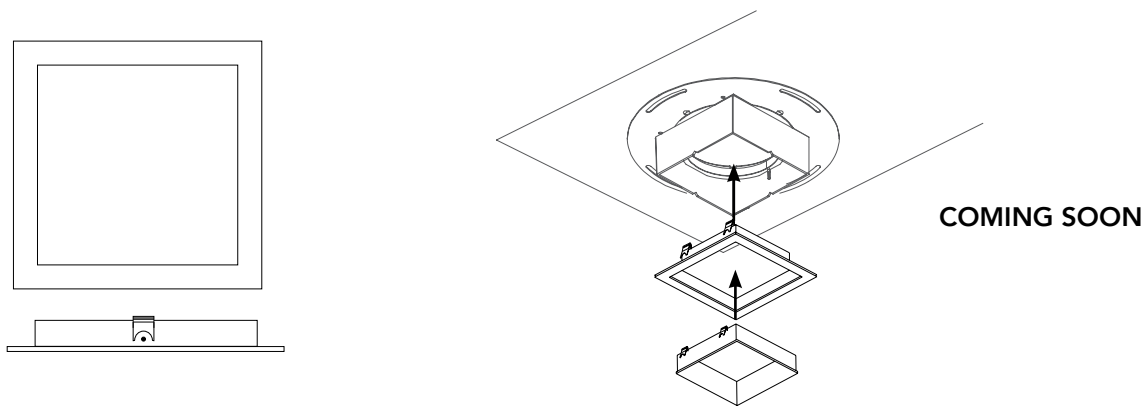
Linear Filter

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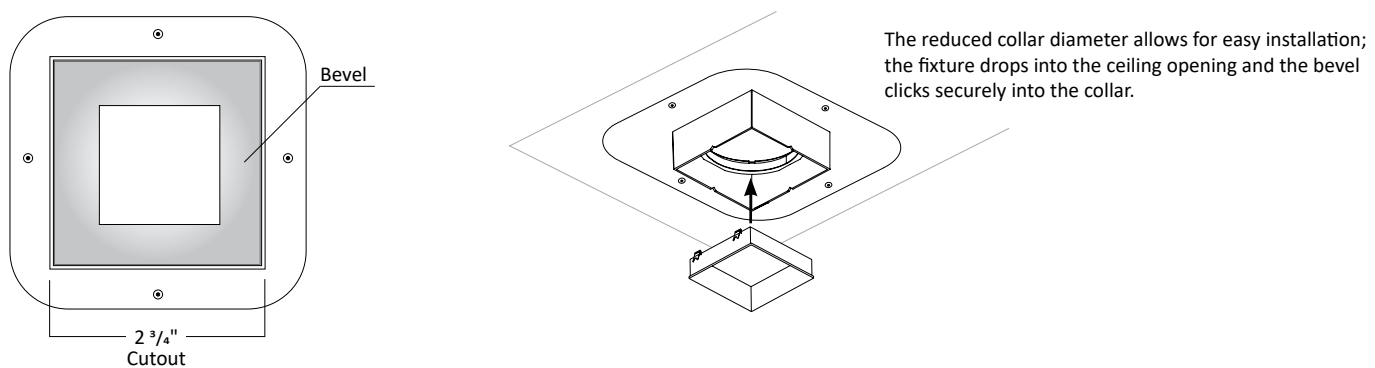
FLANGELESS PLASTER (LPS)



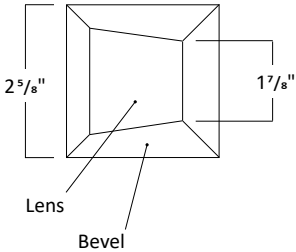
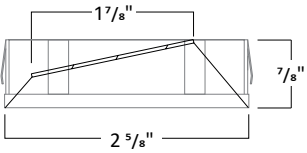
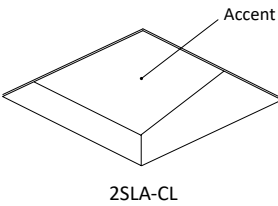
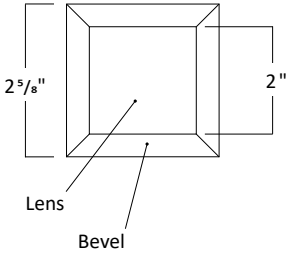
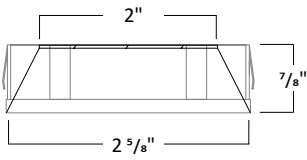
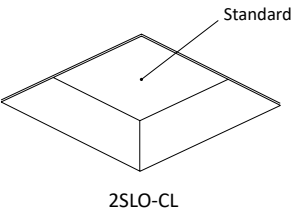
FLANGELESS MILLWORK WITH ADAPTER (LAMS)



FLANGELESS MILLWORK WITH DEDICATED COLLAR (LDMS)



TRIM DIMENSIONS



TRIM FINISH

White

Black

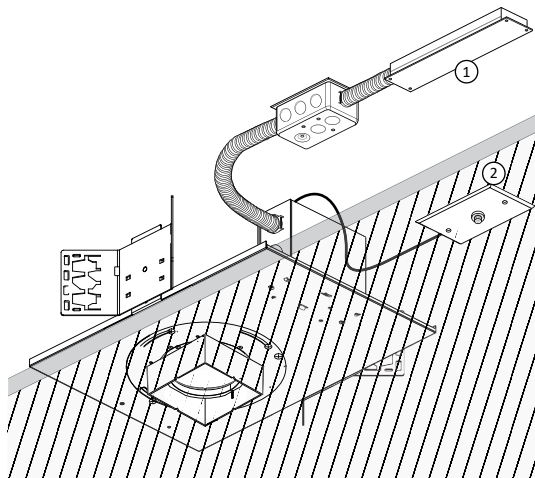
Haze

Bronze

*Consult Factory for Made to Order Finishes

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REMOTE EMERGENCY BATTERY: NON-IC NEW CONSTRUCTION HOUSING

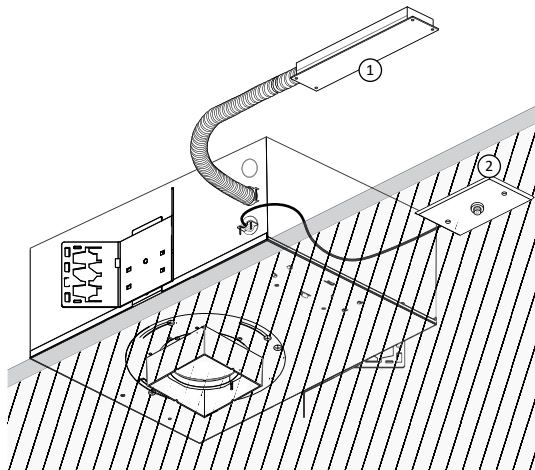


NC - Non-IC New Construction

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

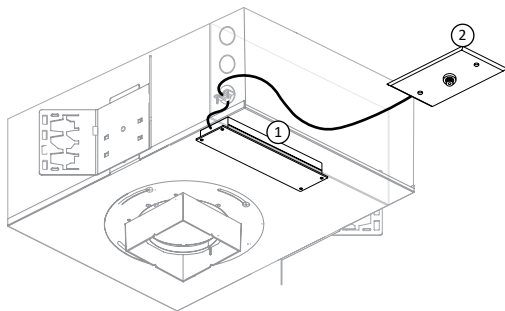


IC - IC Air-Tight New Construction

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 an 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