

## 4" LED ARCHITECTURAL ROUND FLANGE WALL WASH

NEW CONSTRUCTION: IC &amp; NON IC



## GENERAL INFORMATION

## USE OF PRODUCT

The 4" Prime Wall Wash is the ideal product for architectural energy efficient lighting in commercial and residential applications for illuminating the wall. 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°, 36°, 50° and 80°. 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  $\frac{1}{2}$ " knockouts. Butterfly brackets (included) accommodate universal or C-channel hangers (order separately).

## ADJUSTMENT

- Light engine locked at 20° tilt, consult factory for other tilt setting.
- Housing supports 359° locking rotation.
- Aperture collar compatible up to  $\frac{1}{2}$ " 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.

## TRIM

Flange trims available in die-cast or anodized 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 ( $\approx 400$  lm), 8W ( $\approx 800$  lm), or 15W ( $\approx 1,500$  lm) available for a minimum of 90 minutes. Please review page 6 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

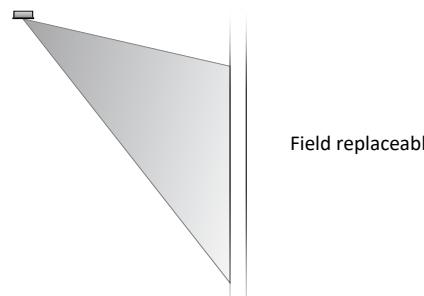
	6W	9W	12W	15W	20W	24W	28W	32W
<b>Initial Lumens</b>	955	1296	1618	2015	2422	2799	3128	3405
<b>Delivered Lumens</b>	418-687	569-933	713-1170	868-1426	1056-1735	1240-2036	1425-2339	1620-2668

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

Delivered lumens range based on beam spread.

Performance may vary +/- 5%

## BEAM SPREAD



## PRIME FAMILY OF PRODUCTS



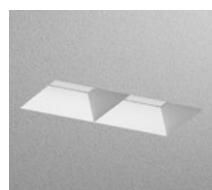
Downlight



TechZone®



WoodWorks®



Multiple Dedicated Bevel



Multiple Open Bevel



Cylinder



Square Luminaire

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## ORDERING INFORMATION

Series	Wattage	Dimming	Color Temperature	Optical Lens	Housing Type
RPA4	6W - 6 Watt	ID <sup>1</sup> - Standard All-Inclusive ELV, Triac, and 0-10V Dimming Driver (Intelligent Drive)	27K - 2700K	15 - 15°	IC - IC Air-Tight New Construction
	9W - 9 Watt		30K - 3000K	24 - 24°	NC - Non-IC New Construction
	12W - 12 Watt	EEI <sup>2</sup> - eldoLED 1% Dim (0-10V)	35K - 3500K	36 - 36°	
	15W - 15 Watt	EEIS <sup>3</sup> - eldoLED 1% Dim 0-10V (120-277V), Triac (120V), Max 20W	40K - 4000K	50 - 50°	
	20W - 20 Watt			80 - 80°	
	24W - 24 Watt	EDIO <sup>4</sup> - eldoLED 0.1% Dim (0-10V)			
	28W - 28 Watt	EDID <sup>5</sup> - eldoLED 0.1% Dim (DALI)			
	32W - 32 Watt	EDD <sup>6</sup> - eldoLED 1% Dim (DALI2)			
		LDE1 <sup>7</sup> - Lutron Hi-Lume 1% Ecosystem with Soft-on, Fade-to-Black Dimming			
		L3DA <sup>8</sup> - Hi-Lume 1% Ecosystem/3-Wire L3D Driver			
		PEQ0 - Lutron Hi-Lume Premier Ecosystem 0.1% with Soft-on, Fade-to-Black Dimming			

Collar	Module Type	Frame Accessories	Options
CR15 <sup>5</sup> - 1.5" Depth	AMHW - Wall Wash	UH - Universal Bar Hanger	ER4W <sup>6</sup> - Emergency Battery with Remote Switch (400 lm)
CR20 - 2.0" Depth			E14W <sup>6</sup> - Emergency Battery with Integral Switch (400 lm)
CR25 - 2.5" Depth		C - C-Channel Bar Hanger	ER8W <sup>7</sup> - Emergency Battery with Remote Switch (800 lm)
MTO - Made To Order			E18W <sup>7</sup> - Emergency Battery with Integral Switch (800 lm)
			ER15W <sup>7</sup> - Emergency Battery with Remote Switch (1,500 lm)
			E115W <sup>7</sup> - Emergency Battery with Integral Switch (1,500 lm)
			347V - 347V Step down transformer
			CP <sup>8</sup> - Chicago Plenum

## TRIM ORDERING INFORMATION

Bevel / Flange Finish (one piece)	Trim Type	Bevel / Flange finish
	4" Round Flange Accent	4RFAW-W - White bevel / white flange 4RAH-W - Haze bevel / white flange 4RFA-B - Black bevel / black flange 4RAH-H - Haze bevel / haze flange 4RFAS-S - Specular clear bevel / specular clear flange 4RFAS-W - Specular clear bevel / white flange 4RFAWE-WE - Wheat bevel / wheat flange 4RFAMTO - Made to order

## Notes

1. Intelligent Drive is the standard driver.
2. Must specify logarithmic or linear eldoLED driver.
3. Available up to 20W and programmable only in linear mode.
4. Not offered in 6W.
5. Standard Collar Height.
6. Available in IC housing only.
7. Ceiling access is required for IC housing to replace the EM unit.
8. Requires IC housing.

4" LED ARCHITECTURAL ROUND FLANGE WALL WASH

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**PERFORMANCE CHART**

Optics	15°	24°	36°	50°	80°
<b>6W</b>	<b>Initial Lumens</b>	995	955	955	955
	<b>Delivered Lumens</b>	632	666	687	586
<b>9W</b>	<b>Initial Lumens</b>	1296	1296	1296	1296
	<b>Delivered Lumens</b>	860	906	933	796
<b>12W</b>	<b>Initial Lumens</b>	1618	1618	1618	1618
	<b>Delivered Lumens</b>	1077	1136	1170	997
<b>15W</b>	<b>Initial Lumens</b>	2015	2015	2015	2015
	<b>Delivered Lumens</b>	1312	1383	1426	1213
<b>20W</b>	<b>Initial Lumens</b>	2422	2422	2422	2422
	<b>Delivered Lumens</b>	1595	1682	1735	1476
<b>24W</b>	<b>Initial Lumens</b>	2799	2799	2799	2799
	<b>Delivered Lumens</b>	1870	1972	2036	1732
<b>28W</b>	<b>Initial Lumens</b>	3128	3128	3128	3128
	<b>Delivered Lumens</b>	2147	2266	2339	1986
<b>32W</b>	<b>Initial Lumens</b>	3405	3405	3405	3405
	<b>Delivered Lumens</b>	2437	2584	2668	2264

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

**COLOR TEMPERATURE MULTIPLIER FOR DELIVERED LUMENS**

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

**DIFFUSED LENS**

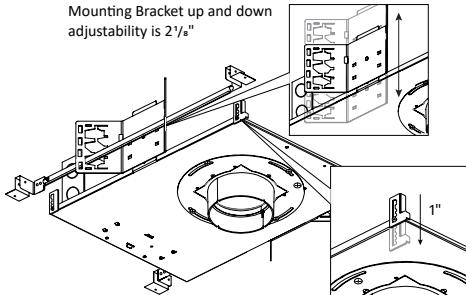
- Listed IES files are with diffused lens

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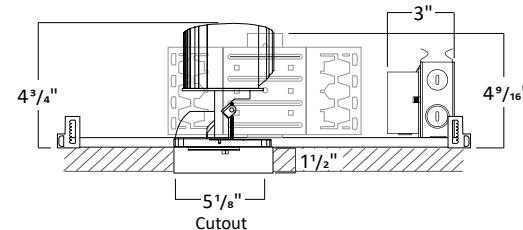
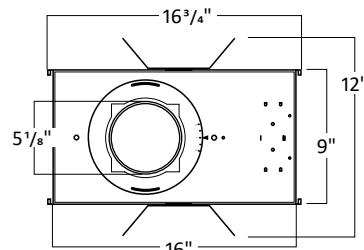
### NON-IC HOUSING DIMENSIONS 6W-20W

Mounting Bracket up and down adjustability is  $2\frac{1}{4}$ "



NC - Non-IC New Construction

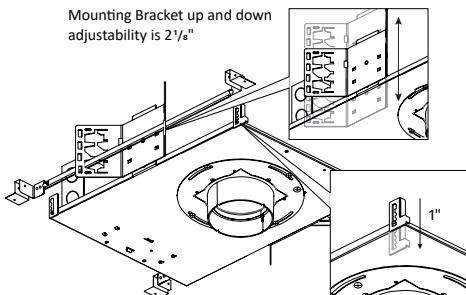
Universal bar hanger mounts on the length or width side of the fixture;  
Ceiling mount bracket provides 1" adjustability.



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

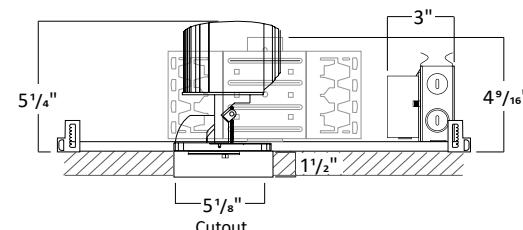
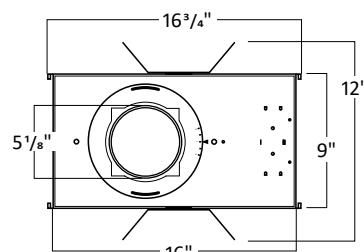
### NON-IC HOUSING DIMENSIONS 24W-32W

Mounting Bracket up and down adjustability is  $2\frac{1}{4}$ "



NC - Non-IC New Construction

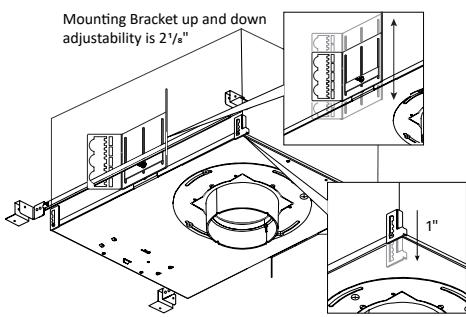
Universal bar hanger mounts on the length or width side of the fixture;  
Ceiling mount bracket provides 1" adjustability.



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

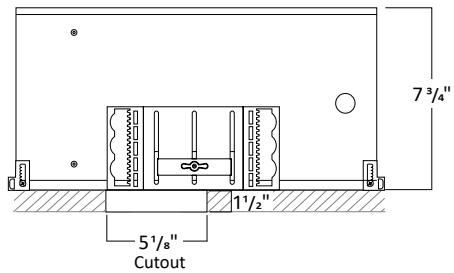
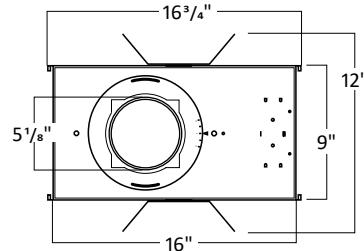
### IC HOUSING DIMENSIONS 6W-32W

Mounting Bracket up and down adjustability is  $2\frac{1}{4}$ "



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.



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 ROUND FLANGE WALL WASH

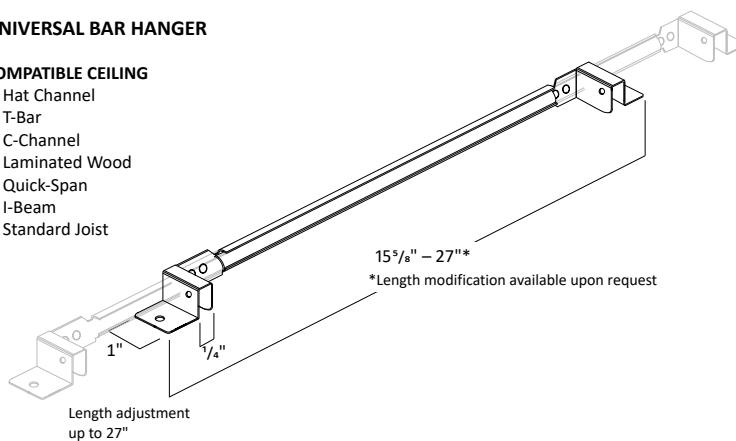
NEW CONSTRUCTION: IC &amp; NON IC

## FRAME ACCESSORIES

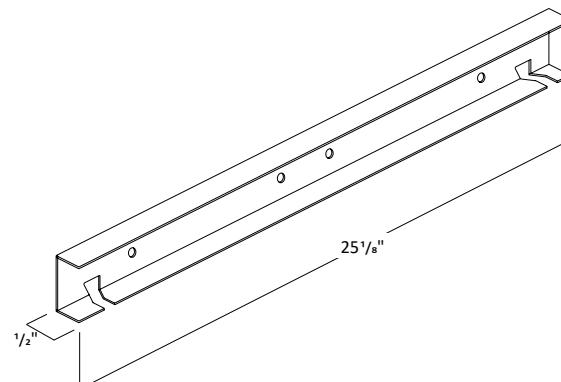
## UNIVERSAL BAR HANGER

## COMPATIBLE CEILING

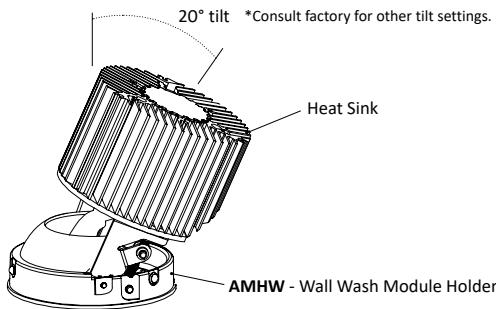
- Hat Channel
- T-Bar
- C-Channel
- Laminated Wood
- Quick-Span
- I-Beam
- Standard Joist



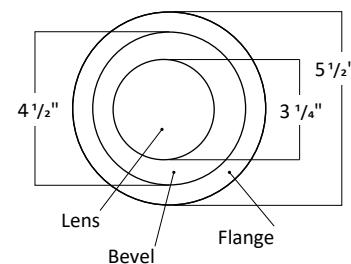
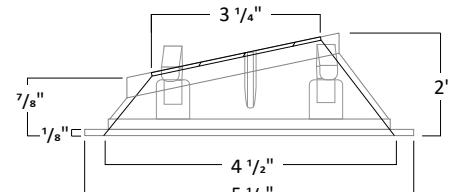
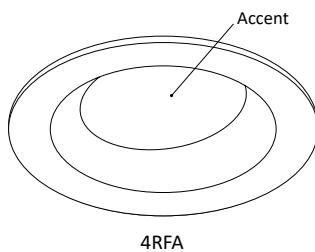
## C-CHANNEL BAR HANGER



## MODULE DIMENSIONS



## TRIM DIMENSIONS



## TRIM FINISH



White



Black



Haze



Specular Clear



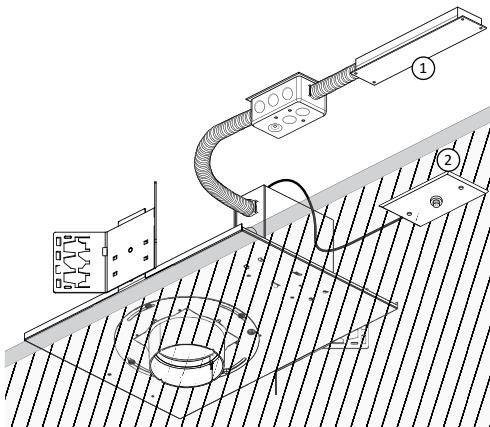
Wheat

\*Consult Factory for Made to Order Finishes

4" LED ARCHITECTURAL ROUND FLANGE WALL WASH

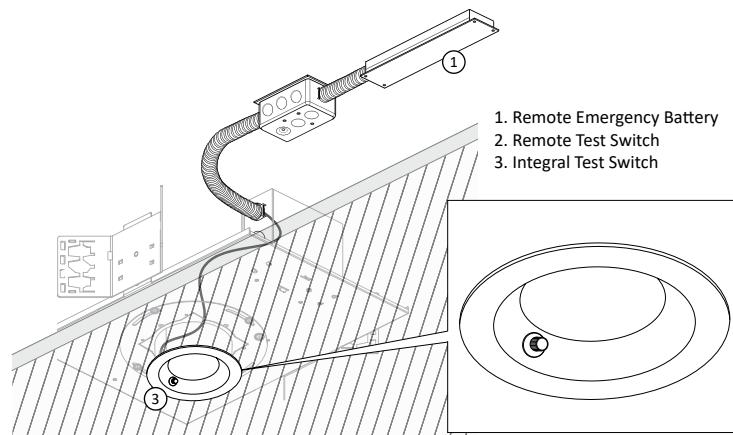
NEW CONSTRUCTION: IC &amp; NON IC

## REMOTE EMERGENCY BATTERY: NON-IC NEW CONSTRUCTION HOUSING



NC - Non-IC New Construction

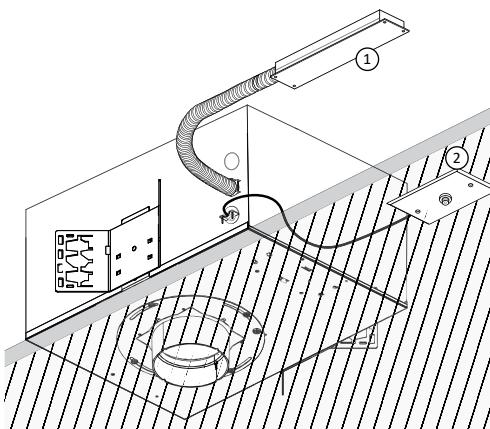
**ER8W** and **ER15W** is an 8W and 15W Emergency Battery that is remote to the fixture with a remote test switch. The EM unit is accessible from below the ceiling for replacement purposes.



NC - Non-IC New Construction

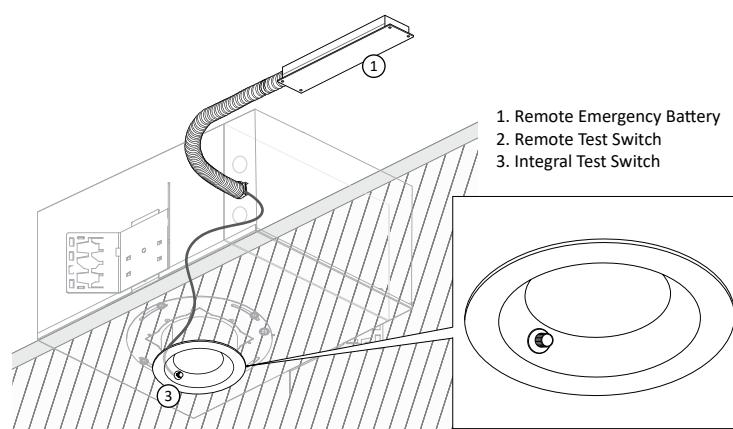
**EI8W** and **EI15W** is an 8W and 15W Emergency Battery that is remote to the fixture with an integral test switch. The EM unit is accessible from below the ceiling for replacement purposes.

## REMOTE EMERGENCY BATTERY: IC NEW CONSTRUCTION HOUSING



IC - IC Air-Tight New Construction

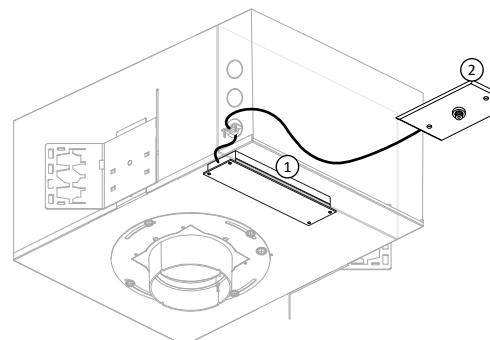
**ER8W** and **ER15W** is an 8W and 15W Emergency Battery that is remote to the fixture with a remote test switch. Ceiling access is required for replacement purposes



IC - IC Air-Tight New Construction

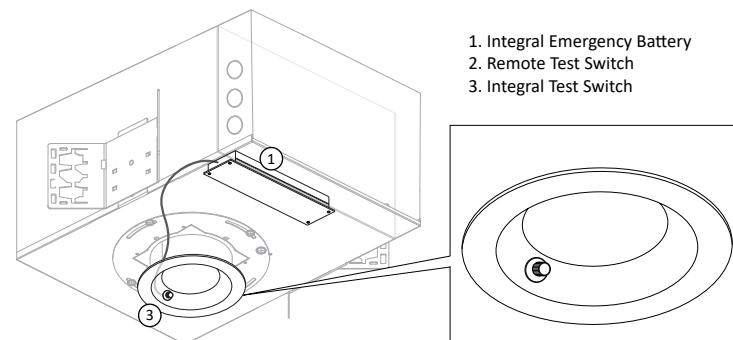
**EI8W** and **EI15W** is an 8W and 15W Emergency Battery that is remote to the fixture with an integral test switch. Ceiling access is required for replacement purposes.

## INTEGRAL EMERGENCY BATTERY: IC NEW CONSTRUCTION HOUSING



IC - IC Air-Tight New Construction

**ER4W** is 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.



IC - IC Air-Tight New Construction

**EI4W** is an 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