

## PRIME 3" LED ARCHITECTURAL SQUARE FLANGED DOWNLIGHT



### USE OF PRODUCT

The 3" PRIME Downlight is a small aperture fixture with shallow height that may be used in residential and commercial applications. Available in die cast trims, with an assortment of color temperatures, optics and dimmable drivers.

### 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.

### FRAME CONSTRUCTION

IC rated housing constructed from 16 gauge heavy duty powder coated cold rolled steel frame. Junction box with 1/2" knockouts. Butterfly bracket included to accommodate adjustable bar hangers or C-channel (ordered separately).

### ADJUSTMENT

- Housing provides for 359° locking rotation
- Aperture collar adjusts 15°± horizontally within frame for square ceiling alignment
- Collar notch allows for easy alignment for square applications.

- Aperture collar compatible up to 1½" ceiling thickness.
- Accommodation for 2" or 3" ceiling thickness available upon request.

### OPTICAL LENS & FILTERS(Field Replaceable)

Field replaceable optical lens available in 12°, 22°, 27°, 35° and 45°. Easily achieve narrow spot to wide flood beam pattern. Accepts up to 2 filters.

### DIMMING

Available in 8 driver selections. (ID) Standard all-inclusive ELV(120V), Triac(120V), and 0-10V(120-277V) dimming driver called Intelligent Drive, 120-277V. (PEQ0) Lutron Hi-Lume Premier Ecosystem 0.1% w/soft on, fade to black dimming, 120-277V. (LDE1) Lutron Hi-Lume 1% Ecosystem with soft on, fade to black dimming, 120-277V. (LDE5) Lutron Hi-Lume 5% Ecosystem, 120-277V. (LTE) Hi-Lume 1% 2-wire, 120V. (L3DA) Hi-Lume 1% EcoSystem/3-Wire L3D Driver (EEI) eldoLED Eco 1% Dim (0-10V), 120-277V. (EDIO) eldoLED Solo 0.1% Dim(0-10V), 120-277V. (EDID) eldoLED Solo 0.1% Dim(DALI), 120-277V. Driver accessible from below ceiling.

### THERMAL MANAGEMENT

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

### EMERGENCY BATTERY

Optional emergency battery available for a minimum of 90 minutes with both remote test switch in 800 delivered lumens.

### TRIM

Trim available in die cast or spun aluminum. Consult factory for made to order finishes. Flanged trim is compatible with all ceiling materials.

### LABELS/COMPLIANCE/WARRANTY

- CSA Listed for US and Canada
- Dry/Damp/Wet location rated.
- Energy Star
- Title 24, JA8 Compliant
- 5 Year limited warranty.



## ORDERING INFORMATION

### RPM

Series	Aperture Size	Lumens	Color Temperature	Voltage	Dimming	Optical Lens	Filter
RPA	3 - 3"	8L - 825 lm	27 - 2700K	UNV - 120-277	ID <sup>2</sup> - Standard all-inclusive ELV, Triac, and 0-10V dimming driver (Intelligent Drive)	12 - 12°	None - Leave blank
PRIME Series		12L - 1235 lm	30 - 3000K	120 - 20V	PEQ0 <sup>3</sup> - Lutron Hi-Lume Premier Ecosystem 0.1% w/ soft on, fade to black dimming	22 - 22°	F - Frosted filter
		15L - 1500 lm	35 - 3500K	347 - 347V	LDE1 <sup>3</sup> - Lutron Hi-Lume 1% Ecosystem with soft on, fade to black dimming	27 - 27°	H - Honey comb
		18L <sup>1</sup> - 1800 lm	40 - 4000K		LTE <sup>3</sup> - Lutron Hi-Lume 1% 2-wire	35 - 35°	S - Solite filter
					L3DA <sup>3</sup> - Hi-lume 1% EcoSystem/3-Wire L3D Driver	45 - 45°	L - Linear filter
					EEI <sup>3</sup> - eldoLED Eco 1% Dim (0-10V)		
					EDIO <sup>3,4</sup> - eldoLED Solo 0.1% Dim (0-10V)		
					EDID <sup>3,4</sup> - eldoLED Solo 0.1% Dim (DALI)		

Housing Type	Aperture	Frame Accessories	Collar	Options
IC - IC Air-tight New Construction	SFD - Square Flanged Downlight	AH - Adjustable bar hanger	Blank - 1.5" Depth	ERB <sup>2</sup> - Emergency battery with remote switch (800 Lumens)
NC - Non-IC New Construction		C - C Channel bar hanger	20 - 2" Depth	CP - Chicago Plenum
		B - Flat bar hanger	30 - 3" Depth	
			MTO - Made to order	

## TRIM ORDERING INFORMATION

Aperture Size / Shape / Trim Type / Style	Bevel Opening	Bevel	Flange	Options
3SFO - 3" Square Flange Open	<b>Die Cast</b>	CL - Die cast large opening CS - Die cast small opening	W - White B - Black H - Haze BZ - Bronze C - Clear MTO - Made to order	WL - Wet Location
	<b>Spun Aluminum (Self Flanged)</b>	AL - Spun alum. large opening AS - spun alum. small opening	H - Haze C - Clear MTO - Made to order	WL - Wet Location

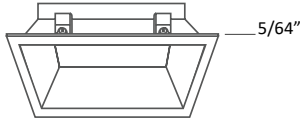
- Notes
1. Not Available in IC
  2. Intelligent Drive is the standard driver.
  3. Ceiling access required.
  4. Must specify logarithmic or inear eldoLED diver.

## LUMEN CHART

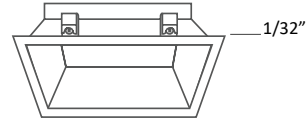
Wattage	Delivered Lumens	Voltage	CRI
10W	825 lm	120 - 277V	93+
14W	1235 lm	120 - 277V	93+
20W	1500 lm	120 - 277V	93+
30W	1800 lm	120 - 277V	93+

\*Above chart, ordering information, and IES File name reflect delivered lumens based 3000K and 30° optical lens.  
 \*\*Lumens will vary based on CCT, optical lens, and bevel finish.

## TRIM THICKNESS



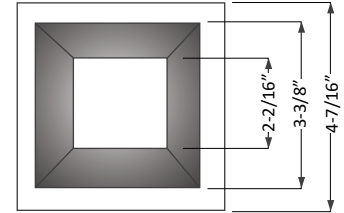
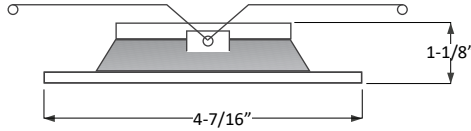
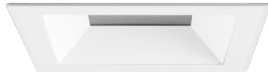
Die Cast



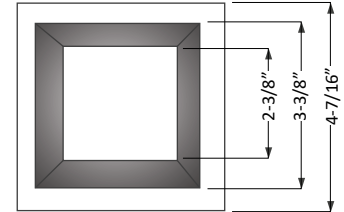
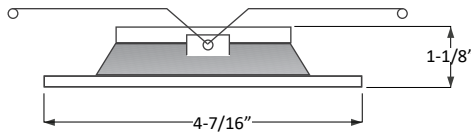
Spun Aluminum

## TRIM DIMENSION

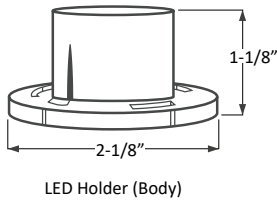
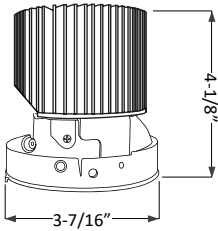
Small Opening



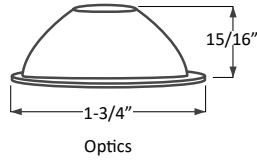
Large Opening



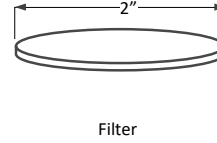
## MODULE/HEATSINK, LED HOLDER & FILTER DIMENSION



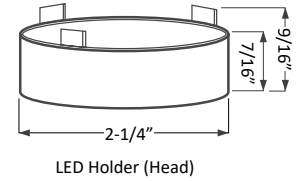
LED Holder (Body)



Optics



Filter

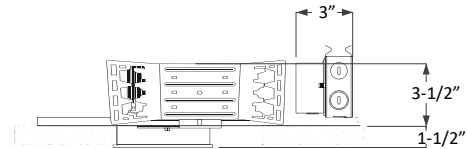
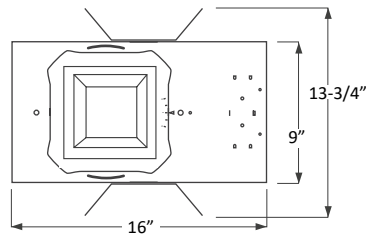


LED Holder (Head)

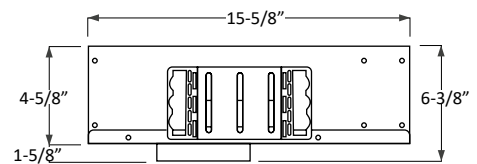
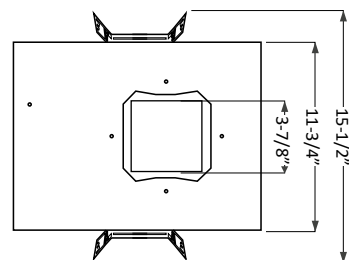
## HOUSING DIMENSION



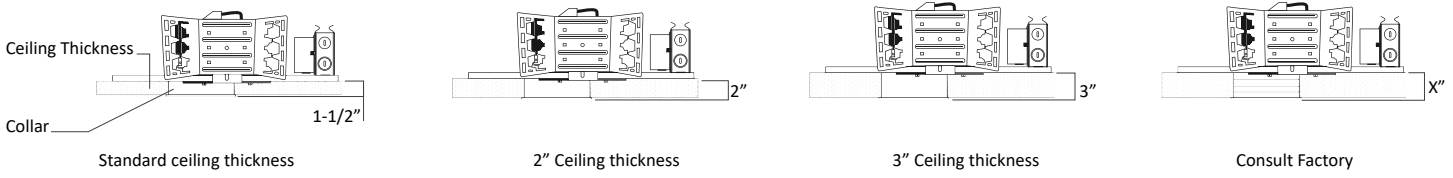
NC - Non-IC New Construction



IC - Air-tight New Construction



## COLLAR DEPTH PER CEILING THICKNESS



## FRAME ACCESSORIES

<p><b>B</b> Flat Bar Hanger</p>	<p>27"</p> <p>1/2"</p>
<p><b>C</b> C Channel Bar Hanger</p>	<p>25-3/16"</p> <p>1-6/16"</p>
<p><b>AH</b> Adjustable Bar Hanger</p>	<p>14 1/4" - 25 1/2"</p> <p>0° - 90° Tilt</p> <p>1/2"</p> <p>0 - 90° Tilt</p> <p>Locked at 90°</p>