

## PRIME 4" LED ARCHITECTURAL SQUARE WALL WASH



### USE OF PRODUCT

The 4" Prime Wall Wash Series Downlight is the ideal product for energy efficient lighting in commercial and residential applications where wall washing is required. Available in an assortment of color temperatures, optics, lumen outputs, and dimmable driver options.

### PRIME FEATURES

Color Temperature: 2700K, 3000K, 3500K, or 4000K  
SDCM: 2 step binning  
Color Rendering Index: 93+ CRI  
Optical Lens: 18°, 30°, 50°, 80°  
Trim: Die cast or anodized  
LED Life: 50,000 Hours  
LED Type: Cree LED  
Driver Info: 120-277V, 50/60 Hz, PF>0.9, THD<0.20  
Warranty: 5 year limited warranty

### 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. Light engine provides a quick disconnect with locking strain relief to housing.

### FRAME CONSTRUCTION

Constructed from 16 gauge heavy duty powder coated cold rolled steel frame with a large access junction box.

### ADJUSTMENT

- Light engine locked at 25° tilt, consult factory for other tilt setting.
- Housing provides for 360° 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.

### OPTICS

Field replaceable optical lens available in 18°, 30°, 50°, and 80°. Easily achieve narrow spot to wide flood beam pattern. Option for frosted, honeycomb, or solite filter (2 Maximum).

### DIMMING

Available in 7 driver selections. (ID) Standard all-inclusive ELV, Triac, and 0-10V 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. (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

### 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 integral or remote test switch in 800 or 1700 delivered lumens.

### TRIM OPTIONS

- All trims are self flanged die cast or anodized.
- Trim includes standard frosted acrylic diffuser.
- 12% lumens increase if remove standard frosted acrylic diffuser in field.
- Optical Enhancer reflects light evenly across the diffusion lens.
- Trims available in round or square in an assortment of standard or made to order finishes.

### LABELS/COMPLIANCE/WARRANTY

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



## ORDERING INFORMATION

### RPA

Aperture Size Lumens Color Temperature Voltage Dimming Optical Lens Filter Housing Type Aperture Filter Frame Accessories Collar Option

Series	Aperture Size	Lumens	Color Temperature	Voltage	Dimming	Optical Lens	Filter
RPA	4 - 4"	8L <sup>1</sup> - 820 lm	27 - 2700K	UNV - 120-277	ID <sup>3</sup> Standard all-inclusive ELV, Triac, and 0-10V dimming driver (Intelligent Drive)	18 - 18°	None - Leave blank
PRIME Series		9L <sup>1</sup> - 955 lm	30 - 3000K	120 - 120V	PEQ0 <sup>4</sup> Lutron Hi-Lume Premier Ecosystem 0.1% w/ soft on, fade to black dimming	30 - 30°	F - Frosted filter
		13L <sup>1</sup> - 1305 lm	35 - 3500K	347 <sup>2</sup> - 347V	LDE1 <sup>5</sup> Lutron Hi-Lume 1% Ecosystem with soft on, fade to black dimming	50 - 50°	H - Honey comb
		16L <sup>1</sup> - 1695 lm	40 - 4000K		L3DA Hi-lume 1% EcoSystem/3-Wire L3D Driver	80 - 80°	S - Solite filter
		20L <sup>1</sup> - 2010 lm			EEI <sup>6,7,8</sup> eldoLED Eco 1% Dim (0-10V)		
		24L <sup>1</sup> - 2455 lm			EDIO <sup>6,7,8</sup> eldoLED Solo 0.1% Dim (0-10V)		
		28L - 2825 lm			EDID <sup>6,7,8</sup> eldoLED Solo 0.1% Dim (DALI)		
		29L - 2900 lm					

Housing Type	Aperture	Frame Accessories	Collar	Options
NC - Non-IC New Construction IC <sup>10</sup> - Air-tight New Construction	SFW - Square Flanged Wall Wash	UH <sup>11</sup> - Universal bar hanger C - C-Channel bar hanger B - Flat bar hanger	Blank - 1.5" Depth 20 - 2" Depth 30 - 3" Depth MTO - Made to order	EI8 - Emergency battery with integral switch(800 Lumens) ER8 - Emergency battery with remote switch (800 Lumens) EI17 - Emergency battery with integral switch(1700 Lumens) ER17 - Emergency battery with remote switch (1700 Lumens) LAW - Lutron Athena Wireless Node (RF only version) FCJS-E - Vive wireless individual controller(Ecosystem) FCJS-0 - Vive wireless individual controller(0-10) CP <sup>10,11</sup> - Chicago Plenum

## TRIM ORDERING INFORMATION

Aperture Size / Shape / Trim Type / Style	Bevel / Flange Finish	Options
4SFA - 4" Square Flange Accent	W-W - White bevel / white flange H-W - Haze bevel / white flange B-B - Black bevel / black flange H-H - Haze bevel / Haze flange S-S - Specular clear bevel / Specular clear flange WE-WE - Wheat bevel / wheat flange MTO - Made to order	WL - Wet Location

1. Compatible with IC new construction housing.
2. Step down transformer required.
3. Intelligent Drive is the standard driver.
4. Driver must not exceed 1305 lm
5. 120V only.
6. Inapplicable to 2900 Lumen offering.
7. Must specify logarithmic or linear eldoLED diver.
8. Confirm dimming curve: linear or logarithmic.
9. Without standard frosted acrylic diffuser.
10. Compatible up to 2455 lumens.
11. Requires IC Housing

## LUMEN CHART

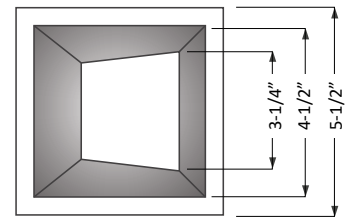
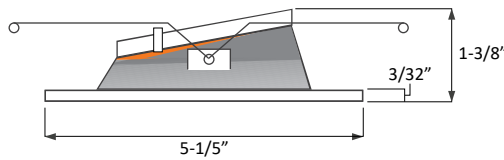
Wattage	Delivered Lumens	Voltage	CRI
11W	820 lm	120 - 277V	93+
16W	955 lm	120 - 277V	93+
20W	1305 lm	120 - 277V	93+
30W	1695 lm	120 - 277V	93+
31W	2010 lm	120 - 277V	93+
38W	2455 lm	120 - 277V	93+
45W	2825 lm	120 - 277V	93+
58W	2900 lm	120 - 277V	93+

\*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.

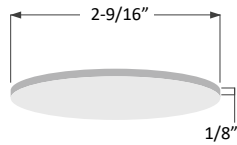
## MULTIPLIERS

Color Temperature	Lumen Multiplier
2700K	0.93
3000K	1.00
3500K	1.07
4000K	1.15

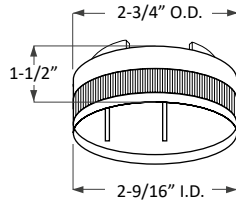
## TRIM DIMENSION



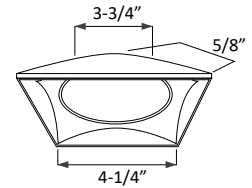
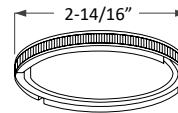
## LED HOLDER & FILTER DIMENSION



Filter

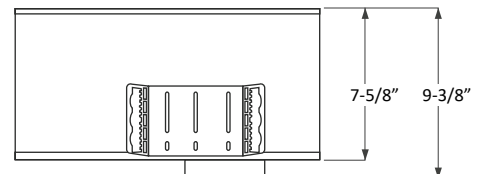
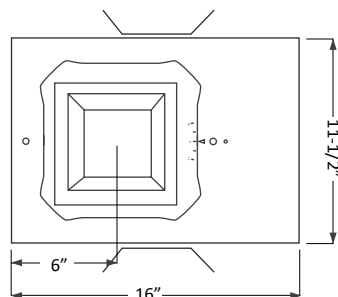
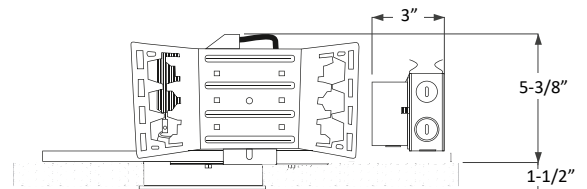
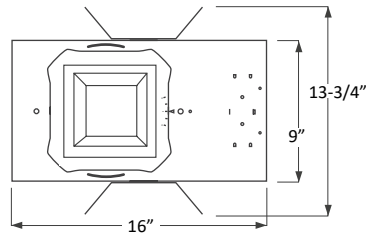


LED Holder

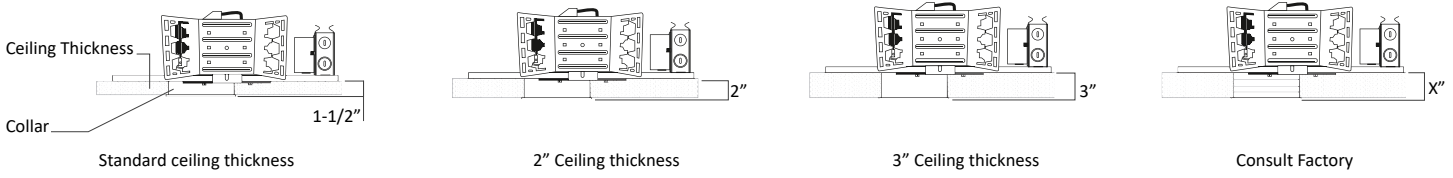


Light Enhancer

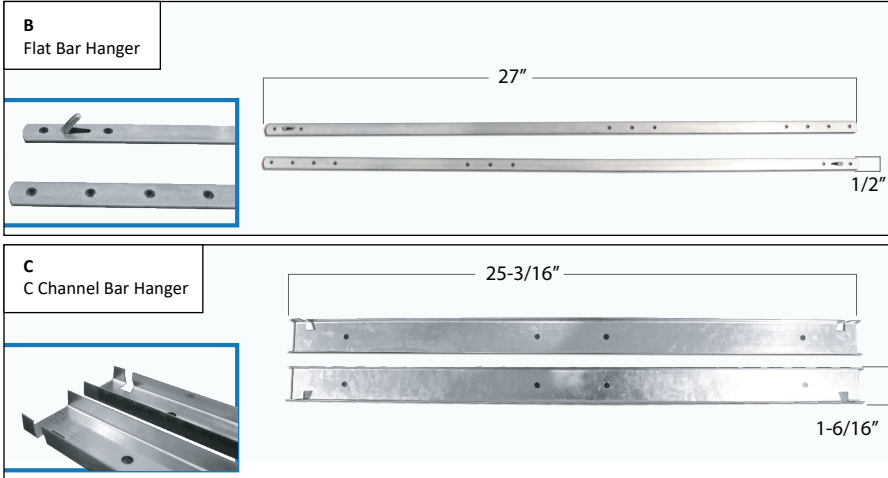
## HOUSING DIMENSION



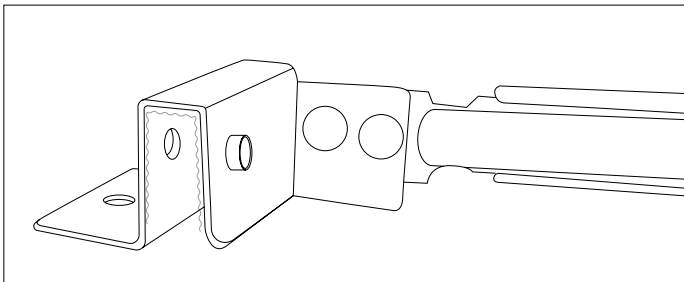
## COLLAR DEPTH PER CEILING THICKNESS



## FRAME ACCESSORIES



## UNIVERSAL BAR HANGER



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