

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 8 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. (LTE) Lutron 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

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



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

Housing Type	Aperture	Frame Accessories	Collar	Options
NC - Non-IC New Construction	SFW - Square Flanged Wall Wash	C - C-Channel bar hanger	Blank - 1.5" Depth	EI8 - Emergency battery with integral switch(800 Lumens)
IC ¹⁰ - Air-tight New Construction		B - Flat bar hanger	20 - 2" Depth	ER8 - Emergency battery with remote switch (800 Lumens)
			30 - 3" Depth	EI17 - Emergency battery with integral switch(1700 Lumens)
			MTO - Made to order	ER17 - Emergency battery with remote switch (1700 Lumens)
				FCJS-E - Vive wireless individual controller(Ecosystem)
				FCJS-0 - Vive wireless individual controller(0-10)
				CP ¹⁰ - 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 1695 lumens.

LUMEN CHART

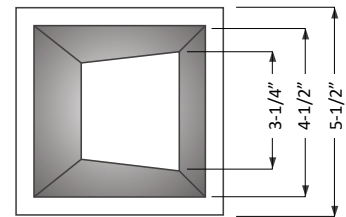
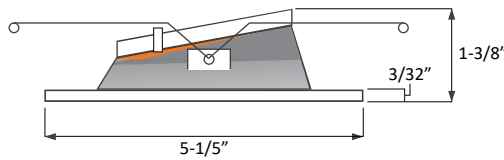
Wattage	Delivered Lumens	Voltage	CRI
11W	820 lm	120 - 277V	93+
16W	955 lm	120 - 277V	93+
20W	1305 lm	120 - 277V	93+
30W	1695 lm	120 - 277V	93+
31W	2010 lm	120 - 277V	93+
38W	2455 lm	120 - 277V	93+
45W	2825 lm	120 - 277V	93+
58W	2900 lm	120 - 277V	93+

*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.

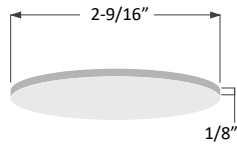
MULTIPLIERS

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

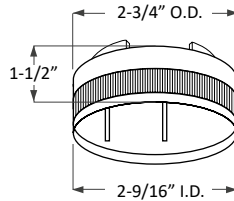
TRIM DIMENSION



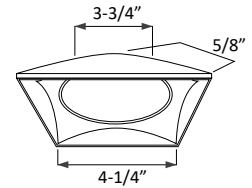
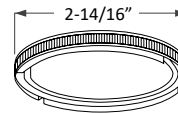
LED HOLDER & FILTER DIMENSION



Filter

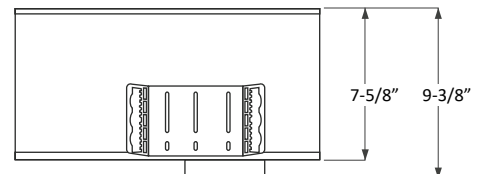
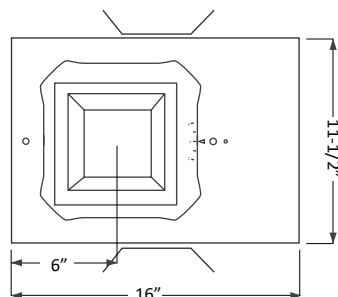
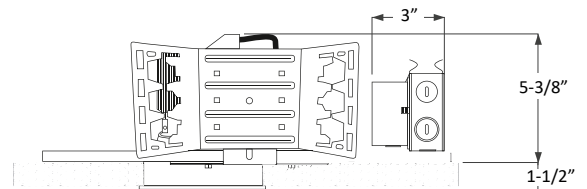
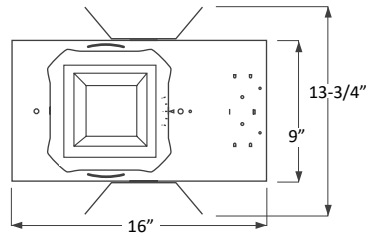


LED Holder

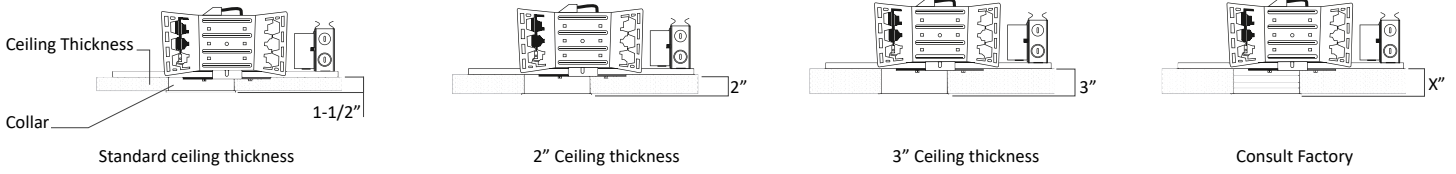


Light Enhancer

HOUSING DIMENSION



COLLAR DEPTH PER CEILING THICKNESS



FRAME ACCESSORIES

