

## PRIME 4" LED ARCHITECTURAL SQUARE FLANGED DOWNLIGHT



## USE OF PRODUCT

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

## 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

- 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
<b>RPA</b>	<b>4 - 4"</b>	<b>10L<sup>1</sup> - 1035 lm</b>	<b>27 - 2700K</b>	<b>UNV - 120-277</b>	<b>ID<sup>3</sup></b> Standard all-inclusive ELV, Triac, and 0-10V dimming driver (Intelligent Drive)	<b>18 - 18°</b>	<b>None</b> - Leave blank
PRIME Series		<b>12L<sup>1</sup> - 1280 lm</b>	<b>30 - 3000K</b>	<b>120 - 120V</b>	<b>PEQ0<sup>4</sup></b> Lutron Hi-Lume Premier Ecosystem 0.1% w/ soft on, fade to black dimming	<b>30 - 30°</b>	<b>F</b> - Frosted filter
		<b>16L<sup>1</sup> - 1625 lm</b>	<b>35 - 3500K</b>	<b>347<sup>2</sup> - 347V</b>	<b>LDE1<sup>5</sup></b> Lutron Hi-Lume 1% Ecosystem with soft on, fade to black dimming	<b>50 - 50°</b>	<b>H</b> - Honey comb
		<b>21L<sup>1</sup> - 2115 lm</b>	<b>40 - 4000K</b>		<b>L3DA</b> Hi-lume 1% EcoSystem/3-Wire L3D Driver	<b>80 - 80°</b>	<b>S</b> - Solite filter
		<b>24L<sup>1</sup> - 2480 lm</b>			<b>EEI<sup>6,7,8</sup></b> eldoLED Eco 1% Dim (0-10V)		
		<b>31L - 3100 lm</b>			<b>EDIO<sup>6,7,8</sup></b> eldoLED Solo 0.1% Dim (0-10V)		
		<b>34L - 3430 lm</b>			<b>EDID<sup>6,7,8</sup></b> eldoLED Solo 0.1% Dim (DALI)		
		<b>39L - 3965 lm</b>					

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

## TRIM ORDERING INFORMATION

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

1. Compatible with IC new construction housing.
2. Step down transformer required.
3. Intelligent Drive is the standard driver.
4. Driver must not exceed 1625 lm
5. 120V only.
6. Inapplicable to 3965 Lumen offering.
7. Must specify logarithmic or linear eldoLED driver.
8. Confirm dimming curve: linear or logarithmic.
9. Without standard frosted acrylic diffuser.
10. Compatible up to 2480 lumens.
11. Requires IC Housing

LUMEN CHART

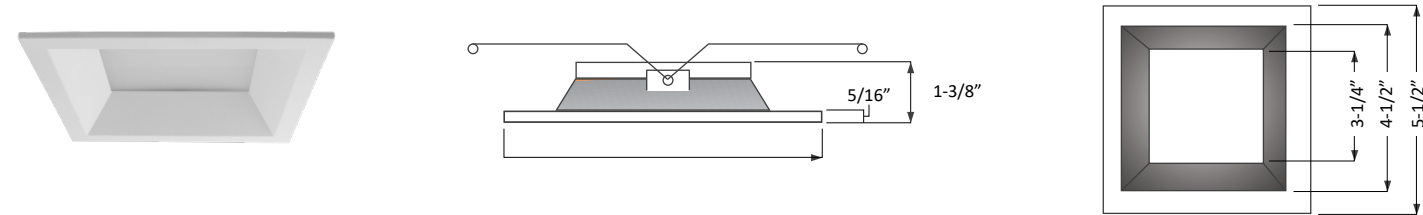
Wattage	Delivered Lumens	Voltage	CRI
11W	1035 lm	120 - 277V	93+
16W	1280 lm	120 - 277V	93+
20W	1625 lm	120 - 277V	93+
30W	2115 lm	120 - 277V	93+
31W	2480 lm	120 - 277V	93+
38W	3100 lm	120 - 277V	93+
45W	3430 lm	120 - 277V	93+
58W	3965 lm	120 - 277V	93+

\*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.

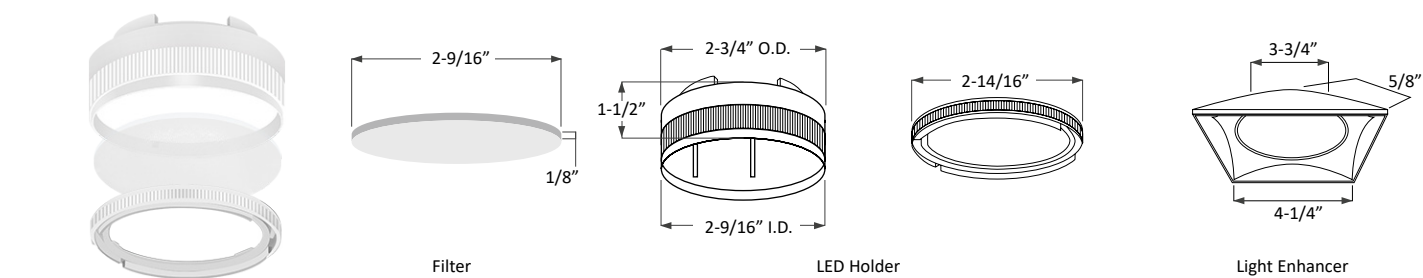
MULTIPLIERS

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

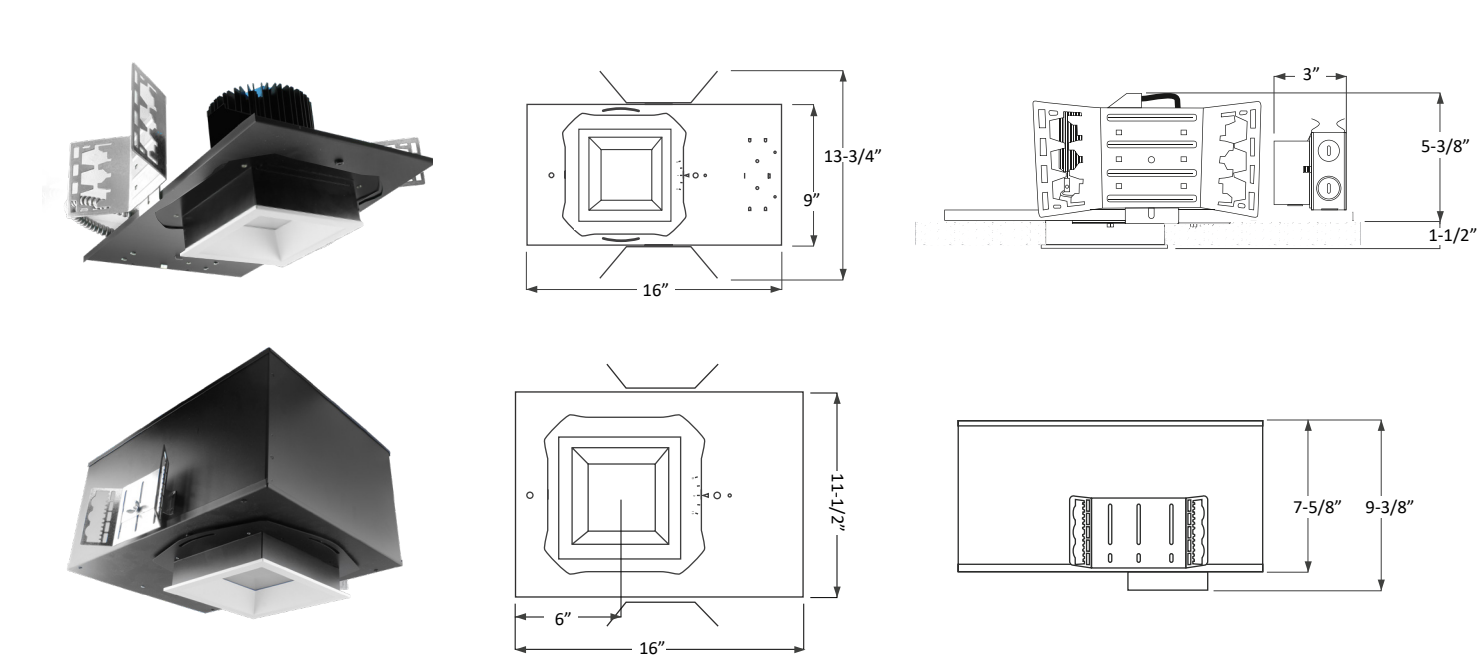
TRIM DIMENSION



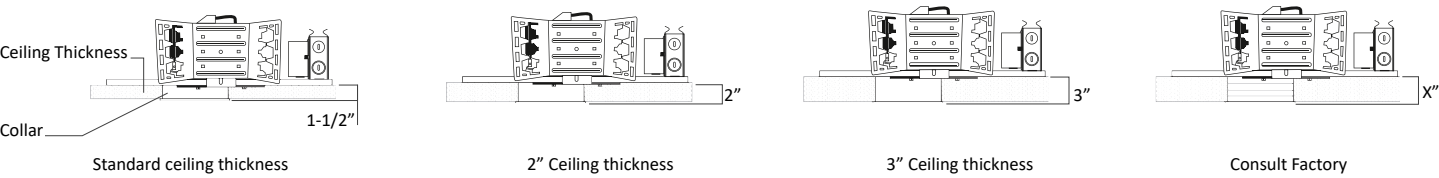
LED HOLDER & FILTER DIMENSION



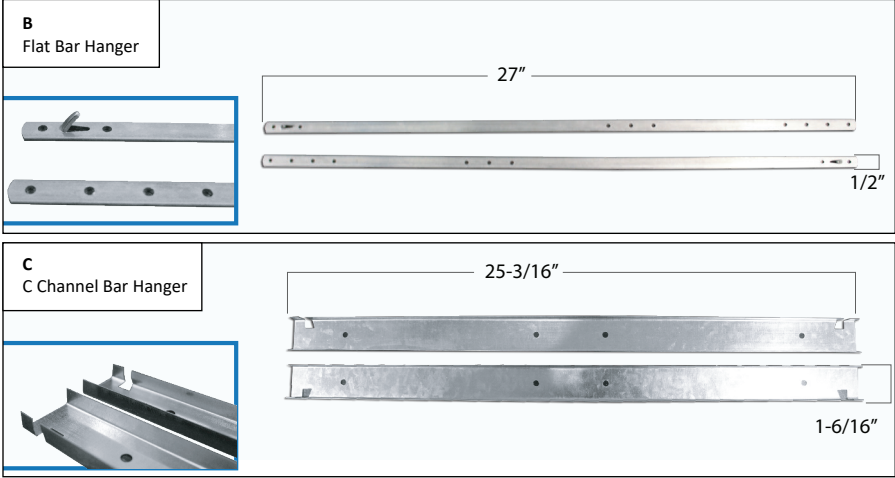
HOUSING DIMENSION



COLLAR DEPTH PER CEILING THICKNESS



FRAME ACCESSORIES



UNIVERSAL BAR HANGER

