



USE OF PRODUCT

The 3" PRIME Downlight is a small aperture fixture with shallow height that may be used in residential and commercial applications. 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

- Light engine allows for hot aiming from 0-40°.
- Housing provides for 359° locking rotation
- Aperture collar compatible up to 1 1/2" ceiling thickness.
- Accommodation for 2" or 3" ceiling thickness available upon request.

OPTICAL LENS & FILTER (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

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. (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 Remote test switch in 800 delivered lumens.

TRIM

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

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

Series	Aperture Size	Lumens	Color Temperature	Voltage	Dimming	Optical Lens	Filter
RPA	3 - 3"	7L - 700 lm	27 - 2700K	UNV - 120-277	ID ² - Standard all-inclusive ELV, Triac, and 0-10V dimming driver (Intelligent Drive)	12 - 12°	None - Leave blank
PRIME Series		9L - 975 lm	30 - 3000K	120 - 20V	PEQ0 - Lutron Hi-Lume Premier Ecosystem 0.1% w/ soft on, fade to black dimming	22 - 22°	F - Frosted filter
		14L - 1450 lm	35 - 3500K	347 - 347V	LDE1 ³ - Lutron Hi-Lume 1% Ecosystem with soft on, fade to black dimming	27 - 27°	H - Honey comb
		18L ¹ - 1800 lm	40 - 4000K		L3DA - Hi-lume 1% EcoSystem/3-Wire L3D Driver	35 - 35°	S - Solite filter
					EEI ³ - eldoLED Eco 1% Dim (0-10V)	45 - 45°	L - Linear filter
					EDIO ^{3,4} - eldoLED Solo 0.1% Dim (0-10V)		
					EDID ^{3,4} - eldoLED Solo 0.1% Dim (DALI)		

Housing Type	Aperture	Frame Accessories	Collar	Options
IC - IC Air-tight New Construction NC - Non-IC New Construction	RFA - Round Flanged Adjustable	UH ² - Universal bar hanger C - C Channel bar hanger B - Flat bar hanger	Blank - 1.0" Depth 15 - 1.5" Depth 20 - 2.0" Depth 30 - 3.0" Depth MTO - Made to order	ERB ² - Emergency battery with remote switch (800 Lumens) CP ⁵ - Chicago Plenum DF - Dead Front LAW - Lutron Athena Wireless Node (RF only version)

TRIM ORDERING INFORMATION

Aperture Size / Shape / Trim Type / Style	Bevel	Options
3RFP - 3" Round Flange Pinhole	W - White B - Black H - Haze BZ - Bronze C - Clear MTO - Made to order	WL - Wet Location

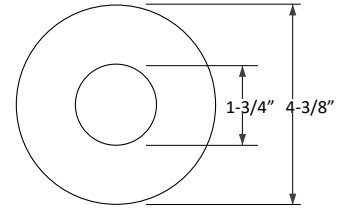
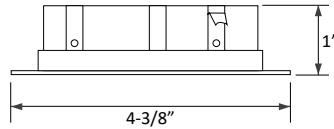
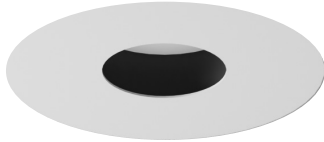
- Notes
1. Not Available in IC
 2. Intelligent Drive is the standard driver.
 3. Ceiling access required.
 4. Must specify logarithmic or inear eldoLED diver.
 5. Requires IC Housing

LUMEN CHART

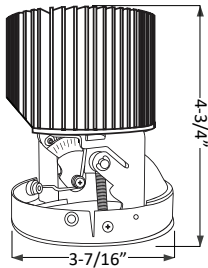
Wattage	Delivered Lumens	Voltage	CRI
10W	700 lm	120 - 277V	93+
14W	975 lm	120 - 277V	93+
20W	1450 lm	120 - 277V	93+
30W	1800 lm	120 - 277V	93+

*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.

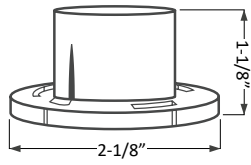
TRIM DIMENSION



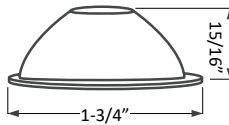
MODULE/HEATSINK, LED HOLDER & FILTER DIMENSION



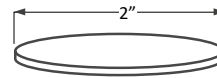
Module & Heatsink



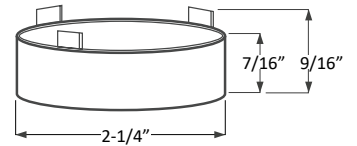
LED Holder (Body)



Optics



Filter

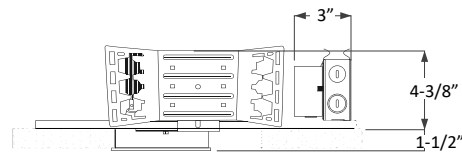
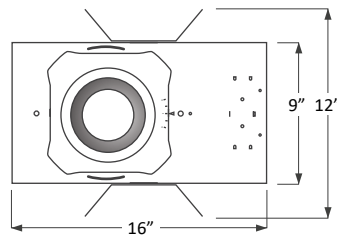


LED Holder (Head)

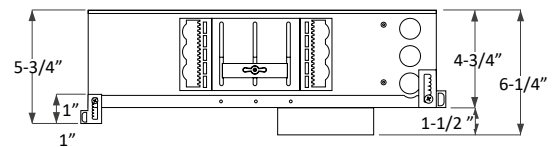
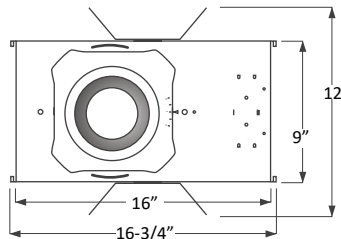
HOUSING DIMENSION



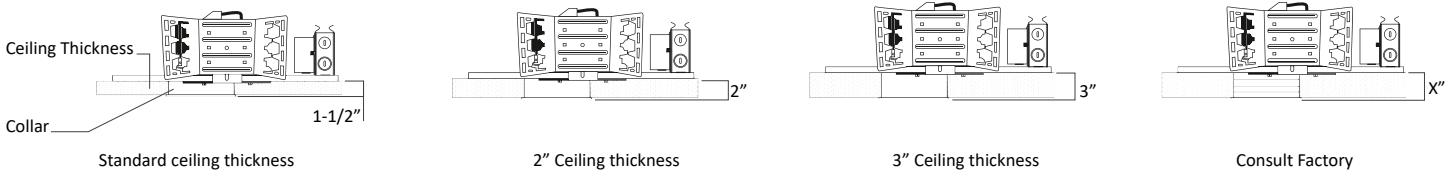
NC - Non-IC New Construction



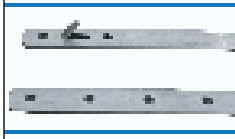
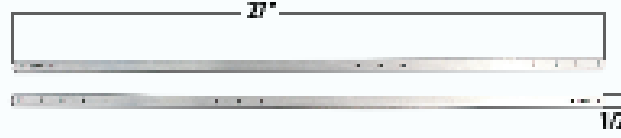
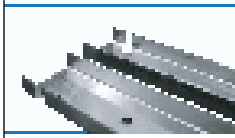
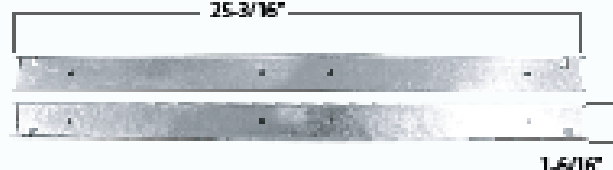

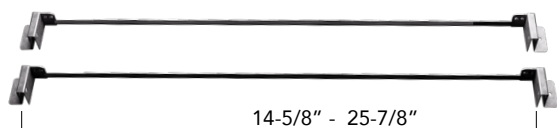
IC - Air-tight New Construction



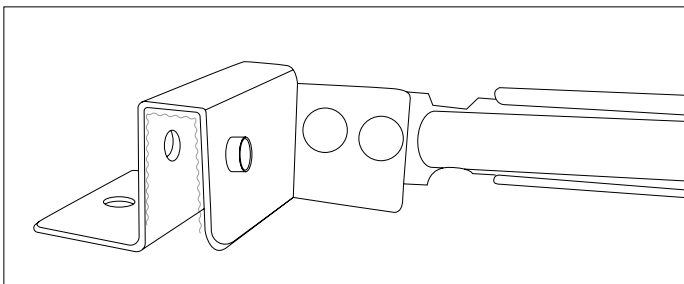
COLLAR DEPTH PER CEILING THICKNESS



FRAME ACCESSORIES

<p>B Flat Bar Hanger</p> 	
<p>C C Channel Bar Hanger</p> 	
<p>UH Universal Bar Hanger</p> 	 <p>May be modified shorter length upon request</p>

UNIVERSAL BAR HANGER



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