



WARM DIM

USE OF PRODUCT

The 3" Prime Downlight with Warm Dim is a small aperture fixture with a shallow housing height of 4 3/4", which is ideal for residential and commercial applications. Available options include die-cast or spun aluminum trims, various optics, and dimmable drivers. Warm Dim color temperature gradually transitions from 3000K to 1800K simulating natural sunsets.

LED ENGINE

LED engine available with Warm Dim standard 90+ CRI. 2-step MacAdam ellipse allows for color consistency between fixtures. The LED is mounted to an aluminum heat sink for maximum life output and thermal management. Light engine provides a quick disconnect with locking strain relief to housing.

FRAME CONSTRUCTION

Air-tight IC rated housing is constructed from a 16-gauge heavy-duty, powder-coated cold-rolled steel frame and includes a junction box with 1/2" knockouts. Butterfly brackets (included) accommodate universal, c-channel, or flat bar hangers (order separately).

ADJUSTMENT

- Housing supports 359° locking rotation.
- Aperture collar compatible up to 1 1/2" ceiling thickness. Consult factory for made-to-order aperture collars exceeding 1 1/2".

OPTICAL LENS

Field replaceable optical lenses are available in 12°, 25°, 30°, 40°, 50°, and 70°. Easily achieve narrow spot to wide flood beam pattern.

DIMMING

Available in six driver selections. (ID) Standard all-inclusive ELV (120V), Triac (120V), and 0-10V (120-277V) dimming driver called Intelligent Drive, 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

Fixture location ambient temperature should not exceed -20° to 40°C.

TRIM

Flange trims available in die-cast or spun aluminum and are compatible with all ceiling materials. Consult factory for made-to-order finishes.

EMERGENCY BATTERY

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

LABELS/COMPLIANCE/WARRANTY

- CSA Listed for US and Canada.
- Energy Star certified product.
- Dry/Damp/Wet location rated.
- State of California Title 24 and JA8 compliant.
- 5-year limited warranty.

**ORDERING INFORMATION**

Series	Aperture Size	Lumens	Color Temperature	Voltage	Dimming	Optical Lens	Filter
RPA - Prime Series	3 - 3"	9W - 975 lm 12W - 1100 lm 15W - 1375 lm 20W - 1675 lm	WD - Warm Dim	UNV - 120-277 120 - 120V 347 - 347V	ID ¹ - Standard All-Inclusive ELV, Triac, and 0-10V Dimming Driver (Intelligent Drive) LDE1 ² - Lutron Hi-Lume 1% Ecosystem with Soft-on, Fade-to-Black Dimming L3DA - Hi-Lume 1% EcoSystem/3-Wire L3D Driver EEI ² - eldoLED Eco 1% Dim (0-10V) EDIO ^{2,3} - eldoLED Solo 0.1% Dim (0-10V) EDID ^{2,3} - eldoLED Solo 0.1% Dim (DALI)	12° - 12° 25 - 25° 30 - 30° 40 - 45° 50 - 50° 70 - 70°	None - Leave Blank F - Frosted Filter H - Honey Comb S - Solite Filter L - Linear Filter

Housing Type	Aperture	Frame Accessories	Collar	Options
IC - IC Air-Tight New Construction	RFD - Round Flange Downlight	UH ⁵ - Universal Bar Hanger C - C-Channel Bar Hanger	Blank - 1.0" Depth 15 - 1.5" Depth 20 - 2.0" Depth 30 - 3.0" Depth MTO - Made To Order	ER8 ² - Emergency battery with Remote Switch (800 lm) CP ⁴ - Chicago Plenum

TRIM ORDERING INFORMATION

Aperture Size / Shape / Trim Type / Style	Bevel Opening	Bevel	Flange	Options
3RFO - 3" Round Flange Open	<div>Die-cast</div> <div>CL - Die-cast Large Opening CS - Die-cast Small Opening</div>	<div>W - White B - Black H - Haze BZ - Bronze C - Clear MTO - Made To Order</div>	<div>W - White B - Black BZ - Bronze MTO - Made To Order</div>	WL - Wet Location
	<div>Spun Aluminum (Self-Flanged)</div> <div>AL - Spun Alum. Large Opening AS - Spun Alum. Small Opening</div>	<div>H - Haze C - Clear MTO - Made To Order</div>		WL - Wet Location

Notes

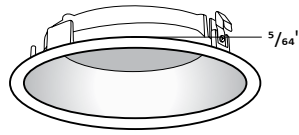
1. Intelligent Drive is the standard driver.
2. Ceiling access required.
3. Must specify logarithmic or linear eldoLED driver.
4. No lens on trim
5. Only compatible with IC housing.

LUMEN CHART

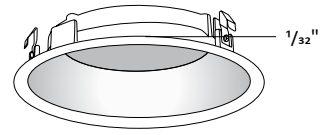
WATTS	LUMENS	VOLTAGE	CRI
9W	975 lm	120-277V	90+
12W	1100 lm	120-277V	90+
20W	1375 lm	120-277V	90+
24W	1675 lm	120-277V	90+

Ordering information and IES File name reflect delivered lumens based on 3000K with 30° optical lens. Lumens will vary based on CCT, optical lens, and bevel finish.

TRIM THICKNESS



Die-cast



Spun Aluminum

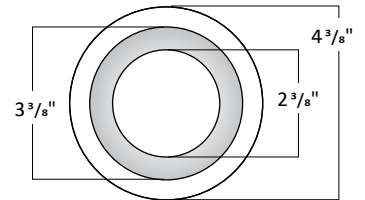
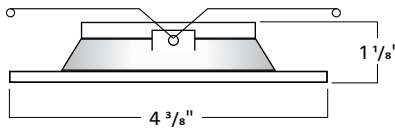
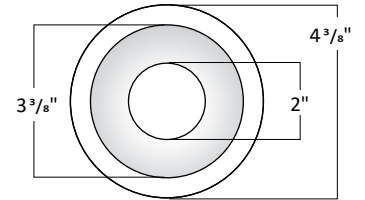
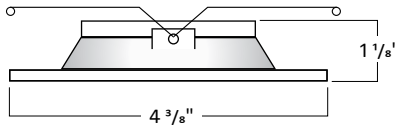
TRIM DIMENSIONS



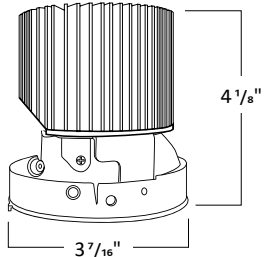
Small Opening



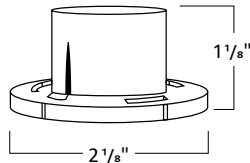
Large Opening



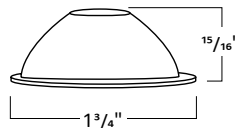
MODULE/HEAT SINK, LED HOLDER, AND FILTER DIMENSIONS



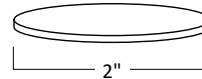
Module and Heat Sink



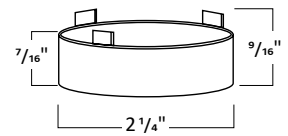
LED Holder (Body)



Optics



Filter

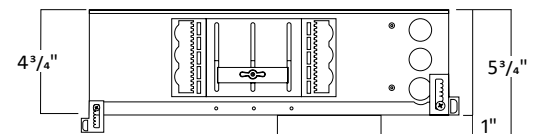
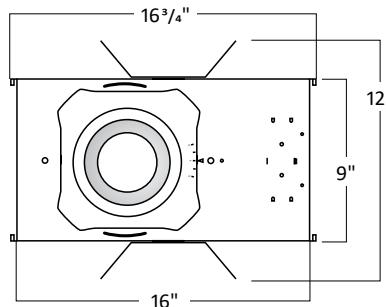


LED Holder (Head)

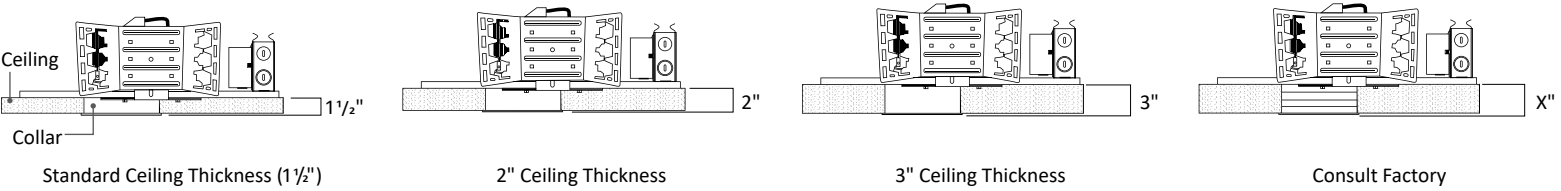
HOUSING DIMENSIONS



IC - Air-Tight New Construction



COLLAR DEPTH BY CEILING THICKNESS

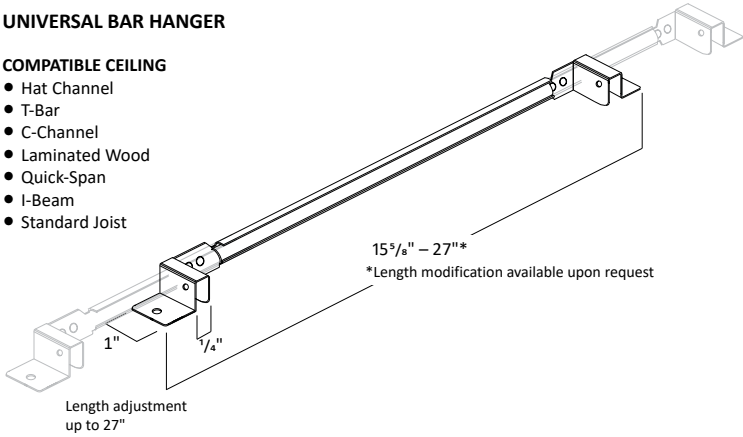


FRAME ACCESSORIES

UNIVERSAL BAR HANGER

COMPATIBLE CEILING

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



C-CHANNEL BAR HANGER

