



WARM DIM

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. May be used in plaster, wood and marble ceilings.

PRIME FEATURES

Color Temperature: Warm Dim (3000K-1800K)
SDCM: 2 step binning
Color Rendering Index: 93+ CRI
Optical Lens: 12°, 22°, 27°, 35°, 45°
Trim: Die cast
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 Warm-Dim standard 90+ 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

IC rated housing constructed from 16 gauge heavy duty powder coated cold rolled steel frame. Junction box with 1/2" knockouts. Trimless Mud adapter plate available for plaster ceilings. Millwork adapter available for marble or wood ceilings. Butterfly bracket included to accommodate adjustable bar hangers or C-channel (ordered separately)

ADJUSTMENT

- Housing provides for 359° locking rotation
- Aperture collar compatible up to 1½" ceiling thickness.
- Accommodation for 2" or 3" ceiling thickness available upon request.

OPTICAL LENS & FILTERS (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

Available in 7 driver 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. (LDE5) Lutron Hi-Lume 5% Ecosystem, 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.

TRIM

Die cast trim. 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
- Dry/Damp/Wet location rated.
- Title 24, JA8 Compliant
- 5 Year limited warranty



ORDERING INFORMATION

RPM												
Family		Mounting types	Module Configuration	Module Size/Lumens	Color Temperature	Optical Lens	Voltage	Dimming	Optical Lens	Filter	Trim Type	Frame Finish
Color Temperature		Voltage		Dimming					Optical Lens		Filter	
WD - Warm Dim		UNV - 120-277		ID ¹ - Standard all-inclusive ELV, Triac, and 0-10V dimming driver (Intelligent Drive)					12 - 12°		None - Leave blank	
		120 - 120V		PEQ0- Lutron Hi-Lume Premier Ecosystem 0.1% w/ soft on, fade to black dimming					22 - 22°		F - Frosted filter	
		347 - 347V		LDE1 ² - Lutron Hi-Lume 1% Ecosystem with soft on, fade to black dimming					27 - 27°		H - Honey comb	
				L3DA- Hi-lume 1% EcoSystem/3-Wire L3D Driver					35 - 35°		S - Solite filter	
				EEI ² - eldoLED Eco 1% Dim (0-10V)					45 - 45°		L - Linear filter	
				EDIO ^{2,3} - eldoLED Solo 0.1% Dim (0-10V)								
				EDID ^{2,3} - eldoLED Solo 0.1% Dim (DALI)								

Housing Type	Aperture	Frame Accessories	Collar	Options
IC - Air-tight New Construction	RLDP - Round Flangeless Downlight Plaster RLDM - Round Flangeless Downlight Millwork	UH ⁴ - 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	ER8 ² - Emergency battery with remote switch (800 Lumens) CP ⁴ - Chicago Plenum

TRIM ORDERING INFORMATION

Aperture Size / Shape / Trim Type / Style	Bevel Opening	Bevel	Options
3RLO - 3" Round Flangeless Open	CL - Die cast large opening CS - Die cast small opening	W - White B - Black H - Haze BZ - Bronze C - Clear MTO - Made to order	WL - Wet Location
Die Cast			

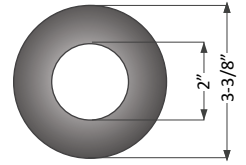
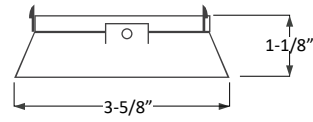
Notes
1. Intelligent Drive is the standard driver.
2. Ceiling access required.
3. Must specify logarithmic or inear eldoLED diver.
4. Requires IC Housing

LUMEN CHART

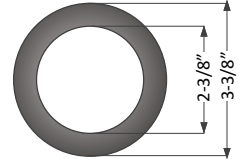
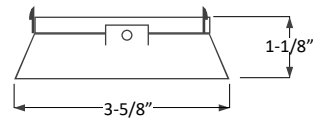
Wattage	Delivered Lumens	Voltage	CRI
10W	975 lm	120 - 277V	93+
12W	1100 lm	120 - 277V	93+

TRIM DIMENSION

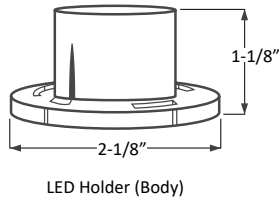
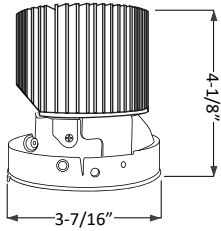
Small Opening



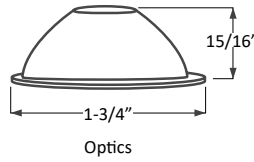
Large Opening



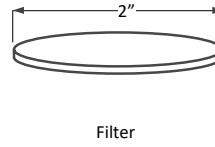
MODULE/HEATSINK, LED HOLDER & FILTER DIMENSION



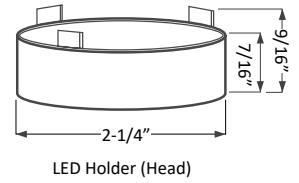
LED Holder (Body)



Optics

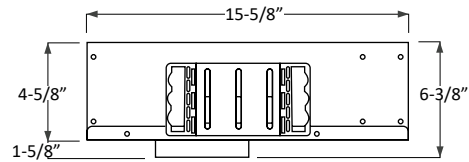
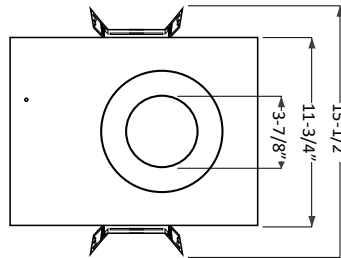


Filter



LED Holder (Head)

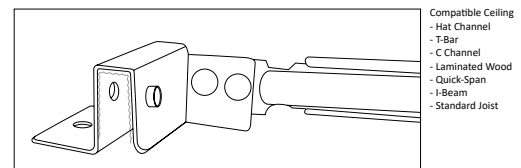
HOUSING DIMENSION



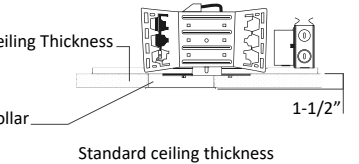
FRAME ACCESSORIES



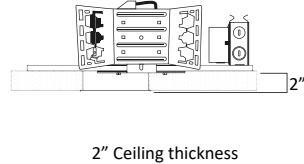
UNIVERSAL BAR HANGER



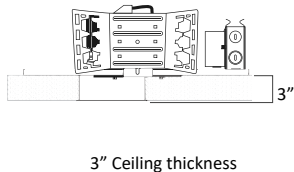
COLLAR DEPTH PER CEILING THICKNESS



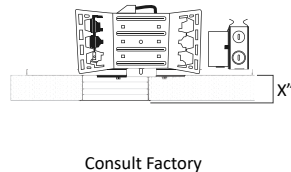
Standard ceiling thickness



2" Ceiling thickness



3" Ceiling thickness



Consult Factory