PRIME

PRIME 4" LED ARCHITECTURAL ROUND FLANGED TURTLE FRIENDLY DOWNLIGHT

Integer Lights

TURTLE FRIENDLY

USE OF PRODUCT

The 4" Prime Turtle friendly Series is suitable for use in ecologically sensitive areas, sea turtle nesting areas, migratory corridors and Dark Sky friendly communities. Light produced by the Amber LED is visible to humans and can be safely used for outdoor lighting applications, but it is virtually undetectable to sea turtles and other forms of marine wildlife.

PRIME FEATURES

Color Temperature: Amber
Wattage: 17W
Color Rendering Index: 93+ CRI
Optical Lens: 30°, 50°
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

Amber color temperature for optimal spectral power distribution for preservation of endangered sea turtle populations.

FRAME CONSTRUCTION

Constructed from 16 gauge heavy duty powder coated cold rolled steel frame with a large access junction box.

ADJUSTMENT

- Housing provides for 360º locking rotation
- Aperture collar adjusts 15º± 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 30º, 50º. 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 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
- Certified FWC
- 5 Year limited warranty

WILDLIFE LIGHTING

ORDERING INFORMATION

RPA – ___ – ___ – ___ – ___ – ___ – ___ – ___ – ___ – ___ – ___ – ___ – ___

Aperture Size / Lumens / Color Temperature / Voltage / Dimming / Optical Lens / Filter / Housing Type / Aperture / Filter / Frame Accessories / Collar / Option
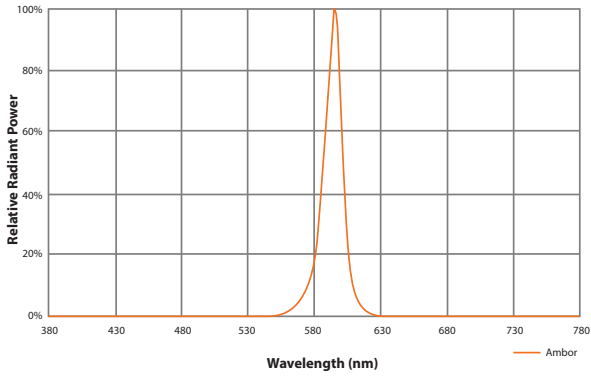
Series	Apperture Size	Lumens	Color Temperature	Voltage	Dimming		Optical Lens[5]	Filter
RPA	4 - 4"	5L - 500 lm	A - Amber	UNV - 120-277	ID[2]	Standard all-inclusive ELV, Triac, and 0-10V dimming driver (Intelligent Drive)	30 - 30°	None - Leave blank
PRIME Series				120 - 20V	PEQ0	Lutron Hi-Lume Premier Ecosystem 0.1% w/ soft on, fade to black dimming	50 - 50°	F - Frosted filter
				347[1] - 347V	LDE1	Lutron Hi-Lume 1% Ecosystem with soft on, fade to black dimming		H - Honey comb
					LTE[3]	Lutron Hi-Lume 1% 2-wire		S - Solite filter
					L3DA	Hi-lume 1% EcoSystem/3-Wire L3D Driver		
					EEI[4]	eldoLED Eco 1% Dim (0-10V)		
					EDIO[4]	eldoLED Solo 0.1% Dim (0-10V)		
					EDID[4]	eldoLED Solo 0.1% Dim (DALI)		

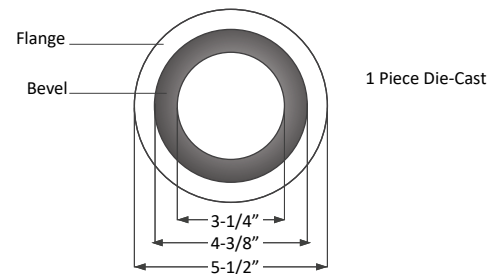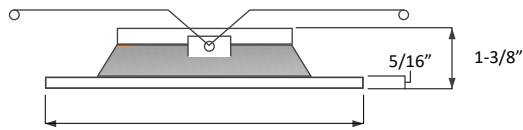| Housing Type	Aperture	Frame Accessories	Collar	Options
NC - Non-IC New Construction	RFD - Round Flanged Downlight	C - C-Channel bar hanger	Blank - 1.5" Depth	EI8 - Emergency battery with integral switch(800 Lumens)
IC - Air-tight New Construction		B - Flat bar hanger	2 - 2" Depth	ER8 - Emergency battery with remote switch (800 Lumens)
		AH - Wood Joist	3 - 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)

TRIM ORDERING INFORMATION

Aperture Size / Shape / Trim Type / Style	Bevel / Flange Finish	Options
4RFO - 4" Round Flange Open	W-W - White bevel / white flange	WL - Wet Location
	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	
	S-W - Specular clear bevel / white flange	
	WE-WE - Wheat bevel / wheat flange	
	MTO - Made to order	

1. Step down transformer required.
2. Intelligent Drive is the standard driver.
3. 120V only.
4. Must specify logarithmic or linear eldoLED diver.
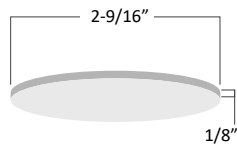5. Without standard frosted acrylic diffuser.

Integer Lights continually works to improve products and reserves the right to make changes which may alter the performance, appearance or specification of products.

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Color	Dominant Wavelength Range				Minimum Luminous Flux (lm) @ 350 mA	
	Minimum		Maximum			
	Group	DWL (nm)	Group	DWL (nm)	Group	Flux (lm)
Amber	A2	585	A3	595	P4	80.6
					P3	73.9
					P2	67.2
					N4	62
					N3	56.8

TRIM DIMENSION

5/16" 1-3/8"

Flange
Bevel
1 Piece Die-Cast
3-1/4"
4-3/8"
5-1/2"

LED HOLDER & FILTER DIMENSION
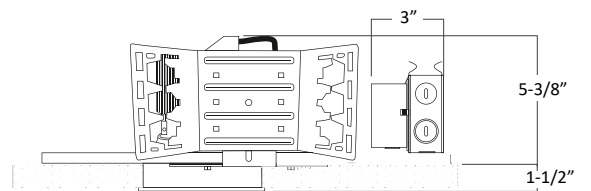

2-9/16"
1/8"

Filter

2-3/4" O.D.
1-1/2"
2-9/16" I.D.
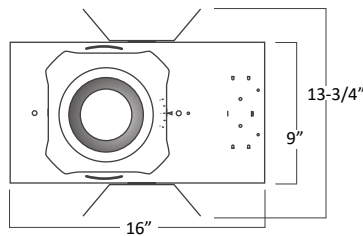
LED Holder

2-14/16"

2-7/8"
5/8"
3-1/4"
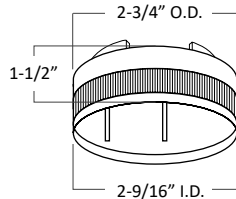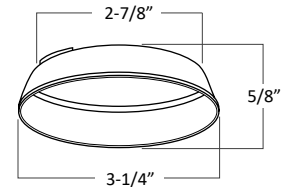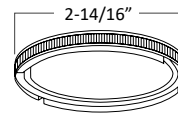
Light Enhancer

HOUSING DIMENSION

NC - Non-IC New Construction

13-3/4"
9"
16"

3"
5-3/8"
1-1/2"

IC - Air-tight New Construction

11-1/2"
6"
16"

7-5/8" 9-3/8"

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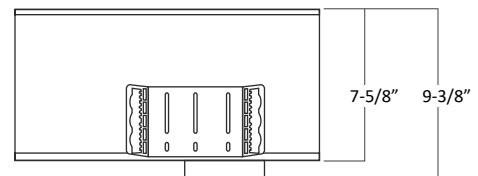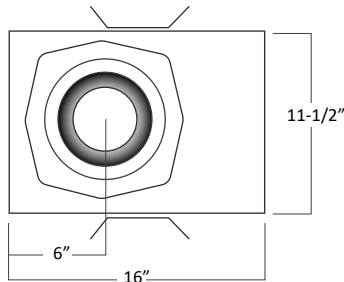
COLLAR DEPTH PER CEILING THICKNESS

Ceiling Thickness

Collar

1-1/2"

Standard ceiling thickness

2"

2" Ceiling thickness

3"

3" Ceiling thickness

X"

Consult Factory
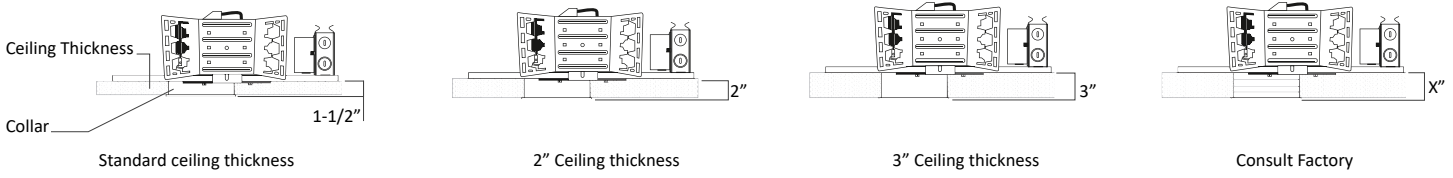
FRAME ACCESSORIES

B
Flat Bar Hanger

27"

1/2"

2 x4

C- Channel bar hanger

C
C Channel Bar Hanger

25-3/16"

1-6/16"

2 x4

C- Channel bar hanger

AH
Adjustable Bar Hanger

0°-90° Tilt

14¼" - 25½"

1½"

0 - 90° Tilt

Locked at 90°

2 x4

Adjustable bar hanger

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