PRIME

PRIME 6” LED ARCHITECTURAL SQUARE FLANGELESS TURTLE FRIENDLY DOWNLIGHT

TURTLE FRIENDLY

USE OF PRODUCT
The 6” 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.

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 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
- Certified FWC
- 5 Year limited warranty

ORDERING INFORMATION

RPA _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____

Aperture Size · Lumens · Color Temperature · Voltage · Dimming · Optical Lens · Filter · Housing Type · Aperture · Frame · Collar · Option

Series	Aperture size	Lumens	Color Temperature	Voltage	Dimming	Optical Lens[5]	Filter
RPA PRIME Series	**6** - 6”	**5L** - 500 lm	**A** - Amber	**UNV** - 120-277 **120** - 20V **347**[1] - 347V	**ID**[2] Standard all-inclusive ELV, Triac, and 0-10V dimming driver (Intelligent Drive) **PEQ0** Lutron Hi-Lume Premier Ecosystem 0.1% w/ soft on, fade to black dimming **LDE1** Lutron Hi-Lume 1% Ecosystem with soft on, fade to black dimming **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)	**30** - 30° **50** - 50°	**None** - Leave blank **F** - Frosted filter **H** - Honey comb **S** - Solite filter

Housing Type	Aperture	Frame Accessories	Collar	Options
IC - Air-tight New Construction	**SLDP** - Square Flangeless Downlight Plaster **SLDM** - Square Flangeless Downlight Milwork	**UH**[6] - Universal bar hanger **C** - C-Channel bar hanger	**Blank** - 1.5” Depth **2** - 2” Depth **3** - 3” Depth **MTO** - Made to order	**EI8** - Emergency battery with integral switch(800 Lumens) **ER8** - Emergency battery with remote switch (800 Lumens) **EI17** - Emergency battery with integral switch(1700 Lumens) **ER17** - Emergency battery with remote switch (1700 Lumens) **FCJS-E** - Vive wireless individual controller(Ecosystem) **FCJS-0** - Vive wireless individual controller(0-10) **LAW** - Lutron Athena Wireless Node (RF only version) **CP**[6] - Chicago Plenum

TRIM ORDERING INFORMATION

Aperture Size / Shape / Trim Type / Style	Bevel Finish	Options
6SLO - 6” Square Flangeless Open	**W** - White **B** - Black **H** - Haze **S** - Specular clear **WE** - Wheat **MTO** - Made to order	**WL** - Wet Location

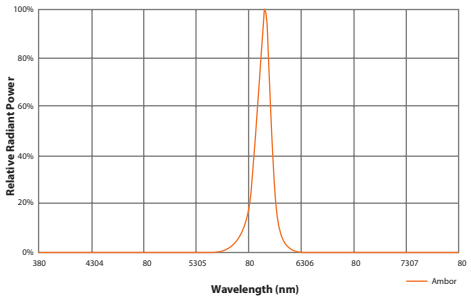
1. Step down transformer required.
2. Intelligent Drive is the standard driver.
3. 120V only.
4. Must specify logarithmic or linear eldoLED diver.
5. Without standard frosted acrylic diffuser.
6. Requires IC Housing

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

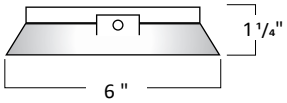
PRIME

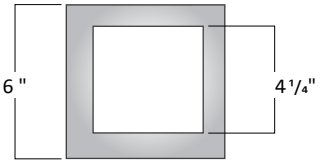
PERFORMANCE CHART

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

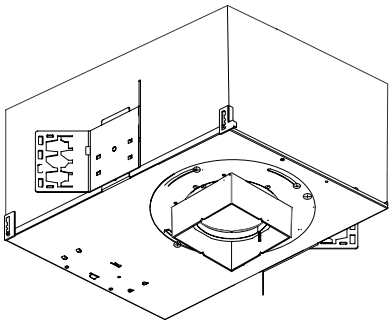


TRIM DIMENSIONS

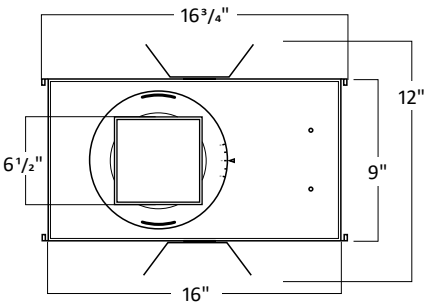


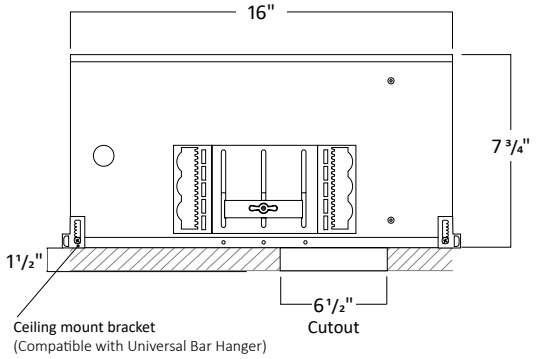


HOUSING DIMENSIONS



IC - IC Air-Tight New Construction



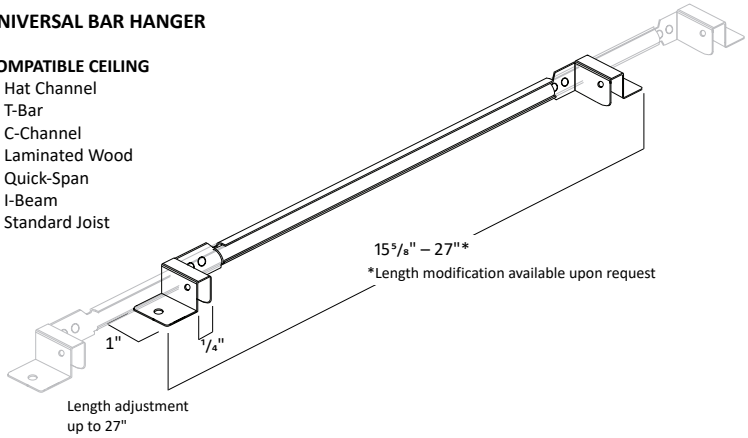
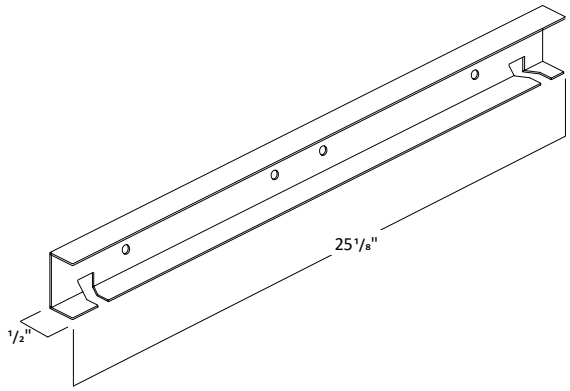


FRAME ACCESSORIES

UNIVERSAL BAR HANGER

COMPATIBLE CEILING

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



C-CHANNEL BAR HANGER