



PRIME

PRIME 6" LED ARCHITECTURAL SQUARE FLANGED TURTLE FRIENDLY DOWNLIGHT

JOB INFORMATION	TYPE:
	CATALOG NO.:
	PROJECT NAME:
	COMMENTS:
	PREPARED BY:

6" PRIME DOWNLIGHT

USE OF PRODUCT

The 6" Prime Downlight 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: 17 W
 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

This fixture is well shielded, full cut-off, and downward directed only. Constructed from 16 gauge heavy duty powder coated cold rolled steel frame with a large access junction box.

OPTICS

Field replaceable optical lens available in 30°, 50°. Easily achieve narrow spot to wide flood beam pattern. Option for frosted, honeycomb, or solite filter (2 maximum).

ADJUSTMENT

- Housing provides for 360° locking rotation
- Aperture collar adjusts 15°± 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.

DIMMING

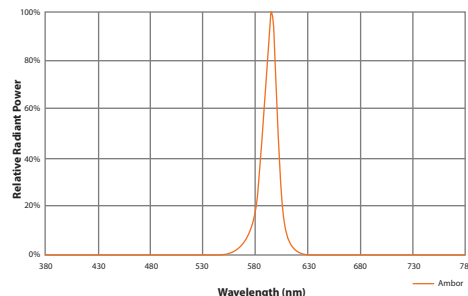
Available in 8 driver selections. (ID) Standard all-inclusive ELV, Triac, and 0-10V dimming driver called Intelligent Drive, 120-277V. (PEQ0) Lutron Hi-Lume Premier Ecosystem 0.1% w/soft on, fade to black dimming, 120-277V. (LDE1) Lutron Hi-Lume 1% Ecosystem with soft on, fade to black dimming, 120-277V. (L3DA) Hi-Lume 1% EcoSystem/3-Wire L3D Driver (LTE) Hi-Lume 1% 2-wire, 120V (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.

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.



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



HOUSING ORDERING INFORMATION

RPA6						
Series	Lumens	Color Temperature	Voltage	Dimming	Optical Lens ⁵	Filter
PRIME SERIES	5 - 500 lm	A - Amber	UNV - 120-277V 120 - 120V 347 ¹ - 347V	ID ² - Standard all-inclusive ELV, Triac, and 0-10V dimming driver (Intelligent Drive) LDE1 -Lutron Hi-Lume 1% Ecosystem with soft on, fade to black dimming PEQ0 -Lutron Hi-Lume Premier Ecosystem 0.1% w/soft on, fade to black dimming LTE ³ -Hi-Lume 1% 2-wire 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 - Honeycomb S - Solite filter

SFD			
Housing Type	Aperture	Frame Accessories	Collar
NC - Non-IC New Construction IC - IC New Construction	SFD - Square Flanged Downlight	C - C Channel bar hanger B - Flat bar hanger	Blank - 1.5" Depth 20 - 2" Depth 30 - 3" Depth 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 driver.
5. Without standard frosted acrylic diffuser.

TRIM ORDERING INFORMATION

6SFO		
Aperture Size / Shape / Trim Type / Style	Bevel / Flange Finish	Options
6SFO - 6" Square Flange Open	W-W - White bevel / white flange H-W - Haze bevel / white flange B-B - Black bevel / black flange	WL - Wet location