PRIME

PRIME 6" LED ARCHITECTURAL SQUARE FLANGED DOWNLIGHT

integer Lights

USE OF PRODUCT
The 6" Prime Downlight Series is the ideal product for architectural energy efficient lighting in commercial and residential applications. Available in an assortment of color temperatures, optics, lumen outputs, and dimmable driver options.

LED ENGINE
LED engine available with CREE LEDs in 2700K, 3000K, 3500K, or 4000K in standard 93+ 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
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 18º, 30º, 50º, and 80º. 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
- Energy Star
- Dry/Damp/Wet location rated.
- Title 24, JA8 Compliant
- 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	Filter
RPA	**6** - 6"	**10L**[1] - 1045 lm	**27** - 2700K	**UNV** - 120-277	**ID**[3] Standard all-inclusive ELV, Triac, and 0-10V dimming driver (Intelligent Drive)		**18** - 18°	**None** - Leave blank
PRIME Series		**12L**[1] - 1345 lm	**30** - 3000K	**120** - 20V			**30** - 30°	**F** - Frosted filter
		16L[1] - 1645 lm	**35** - 3500K	**347**[2] - 347V	**PEQ0**[4] Lutron Hi-Lume Premier Ecosystem 0.1% w/ soft on, fade to black dimming		**50** - 50°	**H** - Honey comb
		21L[1] - 2145 lm	**40** - 4000K				**80** - 80°	**S** - Solite filter
		24L[1] - 2505 lm			**LDE1**[6] Lutron Hi-Lume 1% Ecosystem with soft on, fade to black dimming			
		31L - 3093 lm			**LTE**[5,6] Lutron Hi-Lume 1% 2-wire			
		34L - 3483 lm			**L3DA** Hi-lume 1% EcoSystem/3-Wire L3D Driver			
		39L - 4040 lm			**EEI**[6,7,8] eldoLED Eco 1% Dim (0-10V)			
					EDIO[6,7,8] eldoLED Solo 0.1% Dim (0-10V)			
					EDID[6,7,8] eldoLED Solo 0.1% Dim (DALI)			

Housing Type	Aperture	Frame Accessories	Collar	Options
NC - Non-IC New Construction	**SFD** - Square Flanged Downlight	**C** - C-Channel bar hanger	**Blank** - 1.5" Depth	**EI8** - Emergency battery with integral switch(800 Lumens)
IC[10] - Air-tight New Construction		**B** - Flat bar hanger	**20** - 2" Depth	**ER8** - Emergency battery with remote switch (800 Lumens)
			30 - 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)
				CP10[10] - Chicago Plenum

TRIM ORDERING INFORMATION

Aperture Size / Shape / Trim Type / Style	Bevel / Flange Finish	Options
6SFO - 6" 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. Compatible with IC new construction housing.
2. Step down transformer required.
3. Intelligent Drive is the standard driver.
4. Driver must not exceed 1625 lm
5. 120V only.
6. Inapplicable to 3965 Lumen offering.
7. Must specify logarithmic or linear eldoLED diver.
8. Confirm dimming curve: linear or logarithmic.
9. Without standard frosted acrylic diffuser.
10. Compatible up to 2115 lumens.

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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LUMEN CHART

Wattage	Delivered Lumens	Voltage	CRI
11W	1045 lm	120 - 277V	93+
16W	1345 lm	120 - 277V	93+
20W	1645 lm	120 - 277V	93+
30W	2145 lm	120 - 277V	93+
31W	2505 lm	120 - 277V	93+
38W	3095 lm	120 - 277V	93+
45W	3485 lm	120 - 277V	93+
58W	4040 lm	120 - 277V	93+

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

MULTIPLIERS

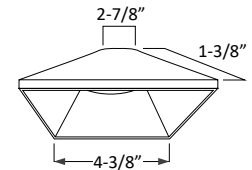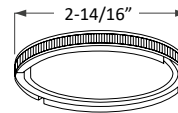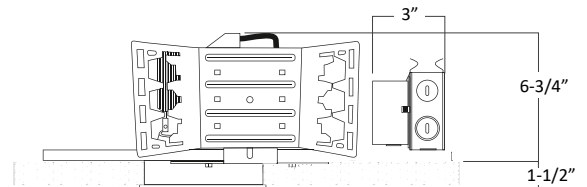| Color Temperature	Lumen Multiplier
2700K	0.93
3000K	1.00
3500K	1.07
4000K	1.15
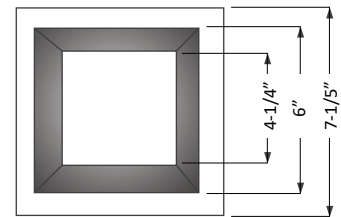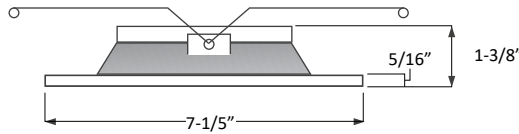
TRIM DIMENSION
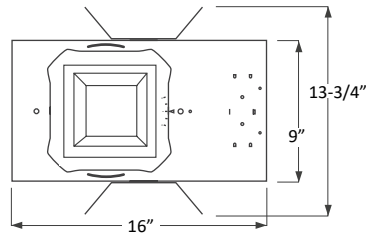

LED HOLDER & FILTER DIMENSION
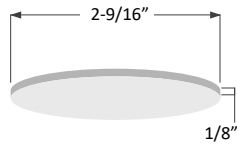
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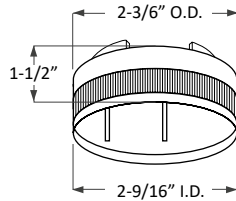
LED Holder

Light Enhancer
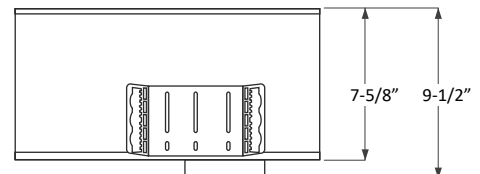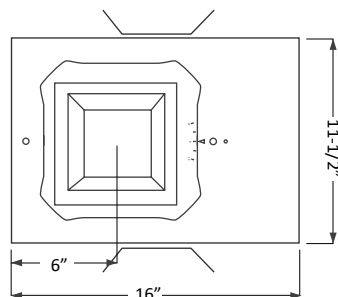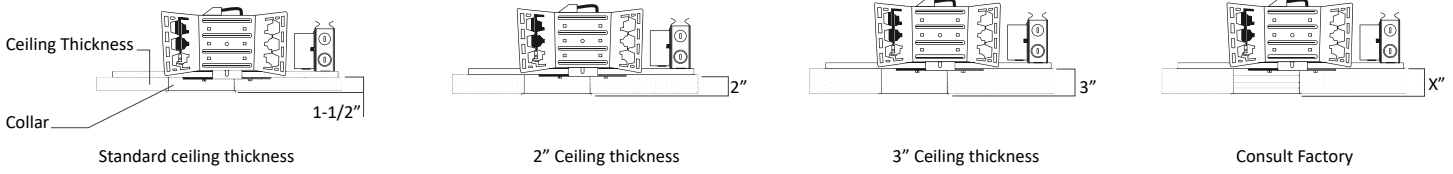
HOUSING DIMENSION

NC - Non-IC New Construction

IC - Air-tight New Construction

PRIME

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

WJ
Wood Joist

4" up to 8" CKOs

Slotted Holes allow for an easier installation

Plate is offset, allowing for adjustability with irregular stud spacing

Fits up to 26" stud spacings

B
Flat Bar Hanger

27"

1/2"

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