



PRIME

PRIME 6" LED ARCHITECTURAL SQUARE FLANGED DOWNLIGHT

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

FEATURES

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.

WATTAGE	LUMENS	VOLTAGE	CRI
12W	1000 Lm	120-277V	93+
16W	1300 Lm	120-277V	93+
21W	1500 Lm	120-277V	93+
22W	1700 Lm	120-277V	93+
29W	2000 Lm	120-277V	93+
30W	2400 Lm	120-277V	93+
36W	2900 Lm	120-277V	93+
46W	3450 Lm	120-277V	93+
58W	4000 Lm	120-277V	93+

PRIME FEATURES

Color Temperature: 2700K, 3000K, 3500K, or 4000K

SDCM: 2 step binning

Color Rendering Index: 93+ CRI

Optical Lens: 18°, 30°, 50°, 80°

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

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

- Aperture collar adjusts 15°± horizontally within frame for square ceiling alignment
- Housing provides for 360° locking rotation
- Collar notch allows for easy alignment for square applications.
- Aperture collar compatible up to 1½" ceiling thickness.
- Consult factory for made to order aperture collars exceeding 1½".

OPTICS

Field replaceable optical lens available in 18°, 30°, 50°, and 80°. Easily achieve narrow spot to wide flood beam pattern. Option for frosted, honeycomb, or solite filter (2 maximum).

DIMMING

Available in 9 driver selections. (ID) Standard all-inclusive ELV, Triac, and 0-10V dimming driver called Intelligent Drive, 120-277V. (L3DEA) Lutron Hi-Lume 1% Ecosystem, 120-277V. (L3D3W) Lutron Hi-Lume 1% 3-wire, 120-277V. (LDE1) Lutron Hi-Lume 1% Ecosystem with soft on, fade to black dimming, 120-277V. (LDE5) Lutron Hi-Lume 5% Ecosystem. (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.

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
- 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
- 5 year limited warranty.

HOUSING ORDERING INFORMATION

RPA6						
SERIES	APERTURE	LUMENS	COLOR TEMP	VOLTAGE	DIMMING	OPTICAL LENS
PRIME SERIES	SD - Square Downlight	10 - 1000 lm 13 - 1300 lm 15 - 1500 lm 17 - 1700 lm 20 - 2000 lm 24 - 2400 lm 29 - 2900 lm 34 - 3450 lm 40 - 4000 lm	27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K	UNV - 120-277V 120 - 120V 347 ¹ - 347V	ID ² - Standard all-inclusive ELV, Triac, and 0-10V dimming driver (Intelligent Drive) L3DAE - Lutron Hi-Lume 1% Ecosystem L3D3W - Lutron Hi-Lume 1% 3-Wire LDE1 - Lutron Hi-Lume 1% Ecosystem with soft on, fade to black dimming LDE5 - Lutron Hi-Lume 5% Ecosystem LTE ³ - Hi-Lume 1% 2-wire EEI ^{4,5} - eldoLED Eco 1% Dim (0-10V) EDIO ^{4,5} - eldoLED Solo 0.1% Dim (0-10V) EDID ^{4,5} - eldoLED Solo 0.1% Dim (DALI)	18 - 18° 30 - 30° 50 - 50° 80 - 80°

FILTER	HOUSING TYPE	OPTION
None - Leave blank F - Frosted filter H - Honey comb S - Solite filter	NC - Non-IC Air-tight new construction IC - IC Air-tight new construction	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)

1. Step down transformer required.
2. Intelligent Drive is the standard driver.
3. 120V only.
4. Inapplicable to 4000 Lumen offering.
5. Must specify logarithmic or linear eldoLED driver.

TRIM ORDERING INFORMATION

6	S	-	-			
APERTURE SIZE	SHAPE	TRIM TYPE	STYLE	BEVEL FINISH	FLANGE FINISH	OPTIONS
6 - 7-1/2"	S - Square	C - Cast	D - Downlight	W - White bevel B - Black bevel	W - White flange B - Black flange	WL - Wet location

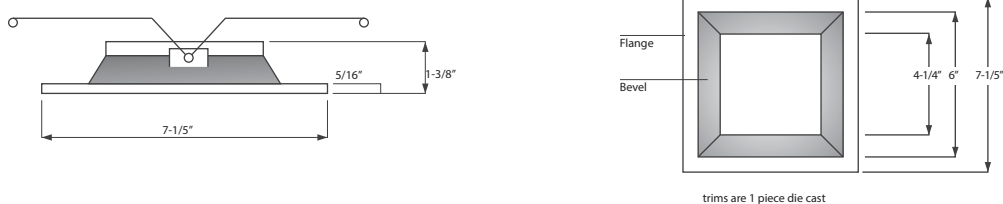
PRIME

PRIME 6" LED ARCHITECTURAL
SQUARE FLANDED DOWNLIGHT

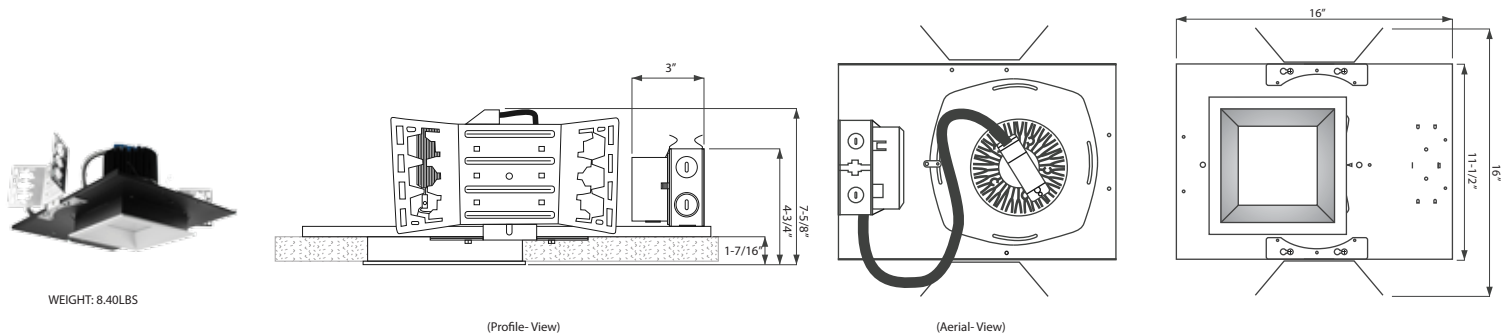
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6" PRIME DOWNLIGHT

DOWNLIGHT FLANGE DIMENSION

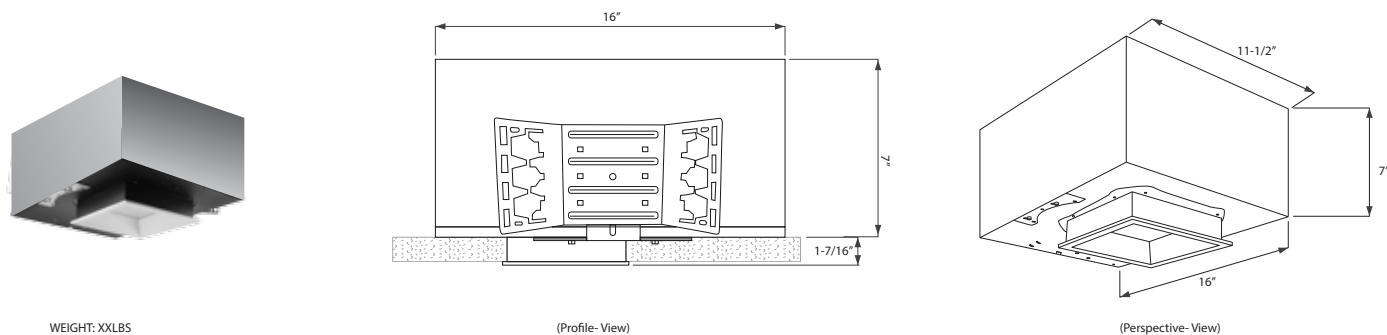


Non-IC HOUSING DIMENSION



WEIGHT: 8.40LBS

IC HOUSING DIMENSION



WEIGHT: XXLBS