



WARM:DIM

**USE OF PRODUCT**

Prodigy is an architectural fixture that is available in fixed, wall wash, or adjustable configurations. Meticulously engineered to offer an assortment of color temperatures, optics, filters, lumen outputs, and dimmable drivers. This series is suitable for residential and commercial applications in flange or flangeless appearance in an assortment of trim selections. May be utilized where fire-rating is required.

**LED MODULE**

Cree LEDs in static white or warm dim, in 90+ CRI, with 2-step binning which allows for color consistency between fixtures. Module may be interchangeable from downlight, wall wash, or adjustable by utilization of appropriate module holder. Module is accessible from below the ceiling.

**ALIGNMENT/ADJUSTABILITY**

- Collar notch allows for easy alignment between trims.  
- Square collar provides mechanism to adjust +/- 5°.

**OPTICS AND FILTERS**

Optical lens available in 30°, 35°, 40°, 45° and 50°. Easily achieve narrow spot to wide flood beam pattern. Optics and filters are field-replaceable and are accessible from below the ceiling.

**DIMMING**

Intelligent Drive (ID) is the standard, all-inclusive driver which is Triac (120V), ELV (120V), and 0-10V (120V-277V). Optional driver selections include eldoLED. All drivers are accessible from below the ceiling.

**THERMAL MANAGEMENT**

Ambient temperature at fixture location should not exceed -20°C to 40°C.

**TRIM**

Die-cast trims are available in an assortment of finishes in round/square, flange/flangeless. Consult factory for made-to-order finishes. Flanged trim is compatible with all ceiling materials. Flangeless available for plaster ceilings. Frosted acrylic diffuser on trim is standard and allows it to meet wet location applications. Acrylic diffuser may be removed in the field. Wing bracket on trim accommodates for varying ceiling depths.

**EMERGENCY BATTERY**

Optional emergency battery (EM) available in 8W with remote test switch and provides light for a minimum of 90 minutes. Ceiling access is required to replace the EM unit. EM is UL 924 certified, CEC Title 20 approved, and provides sufficient lumens to comply with NFPA 101 safety code.

**MOUNTING**

Universal bar hanger (UH) is designed to mount to wood (two positions) and T-bar ceilings. UH may be adjusted vertically to accommodate varying ceiling depths.

**NOTE**

2-hour fire-rated ceiling assembly can be maintained when installed according to the International Building Code, Section 714. Metallic outlet boxes with metallic or non-metallic cover plates may be used in floor-ceiling and roof-ceiling assemblies with ratings not exceeding 2 hours. These assemblies should have gypsum board membranes. The metallic outlet boxes should be securely fastened to the joists and the opening in the gypsum board facing should be cut so that the clearance between the box and the gypsum board does not exceed  $\frac{1}{8}$ ". The surface area of individual boxes should not exceed 16 square inches. The aggregate surface area of the boxes should not exceed 100 square inches per 100 square feet of ceiling surface.

**LABELS/COMPLIANCE/WARRANTY**

- ETL (Intertek) Listed per UL 1598
- ETL (Intertek) Listed per UL514A (2-hour fire-rated metallic outlet box)
- Wet location rated.
- IC air-tight rated.
- Chicago Plenum rated.
- State of California Title 24 and JA8 compliant.

PATENT PENDING

IC  
Air tightCHICAGO  
PLENUM2 HOUR  
FIRE RATED  
OUTLET BOX

TITLE24

Compliant

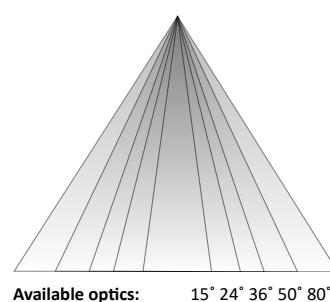
JAB

WET  
LOCATION  
RATED**GENERAL PERFORMANCE CHART**

\*Detailed performance chart may be found on page 2

	6W	9W	12W	15W
<b>Initial Lumens</b>	597	847	1122	1360
<b>Delivered Lumens</b>	139-245	197-346	259-454	308-541

\* Values are listed at 3000K, 90+ CRI with trim.  
Delivered lumens range based on beam spread.  
Performance may vary +/- 5%

**BEAM SPREAD**

- Field replaceable TIR optics
- Easily achieve narrow spot to wide flood beam pattern
- Optional filters available upon request

## ORDERING INFORMATION

Series	Wattage	Dimming	Color Temperature	Optical Lens	Housing Type
RGY3	6W - 6 Watt	ID <sup>1</sup> - Standard All-Inclusive ELV(120V), Triac(120V), and 0-10V(120-277V)	WD - Warm Dim	15 - 15°	IC - IC Air-Tight New Construction
	9W - 9 Watt	Dimming Driver (Intelligent Drive)		24 - 24°	
	12W - 12 Watt			36 - 36°	
	15W - 15 Watt	EEIS <sup>2</sup> - eldoLED 1% Dim 0-10V (120-127V), Triac (120V) EDIO <sup>3</sup> - eldoLED 0.1% Dim (0-10V) EDID <sup>3</sup> - eldoLED 0.1% Dim (DALI) EDD <sup>3</sup> - eldoLED 1% Dim (DALI2) PEQ0 - Lutron Hi-Lume Premier Ecosystem 0.1% with Soft-on, Fade-to-Black Dimming		50 - 50°	
				80 - 80°	

Collar	Module Type	Plaster Ring	Frame Accessories	Options
3CS - 3" Square Collar, 5/8" Height	AMHW - Wall Wash	LPS - Square Plaster Mud-in Ring	UH - Universal Bar Hanger	ER8W <sup>4</sup> - Emergency Battery with Remote Switch (8W) CP - Chicago Plenum

## TRIM ORDERING INFORMATION

## Bevel Finish

3SLWCW - White Bevel

3SLWCB - Black Bevel

3SLWCH - Haze Bevel

3SLWCBZ - Bronze Bevel

3SLWCMT0 - Made To Order

## Notes

1. Intelligent Drive is the standard driver.
2. Programmable only in linear mode.
3. Must specify logarithmic or linear eldoLED diver.
4. Ceiling access is required to replace the EM unit.

## PERFORMANCE CHART

Optics	30°	35°	40°	45°	50°
6W	Initial Lumens	597	597	597	597
	Delivered Lumens	202	243	245	233
9W	Initial Lumens	847	847	847	847
	Delivered Lumens	286	343	346	329
12W	Initial Lumens	1122	1122	1122	1122
	Delivered Lumens	375	451	454	432
15W	Initial Lumens	1360	1360	1360	1360
	Delivered Lumens	445	541	539	518

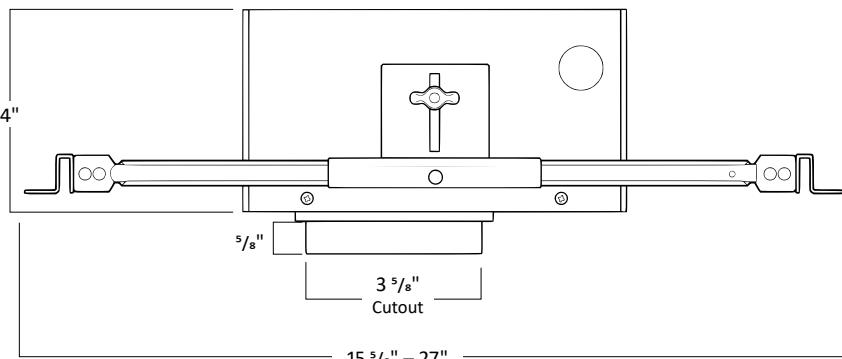
\* Values are listed at 3000K, 90+ CRI with trim.

### DIFFUSED LENS

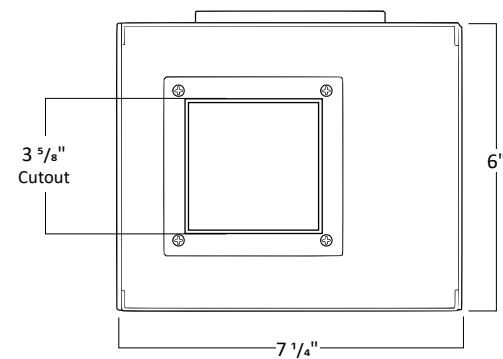


- Listed IES files are with diffused lens

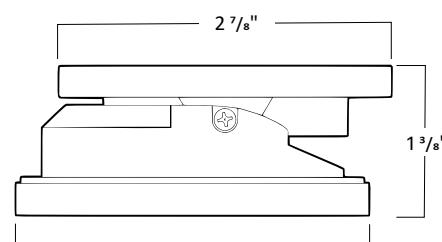
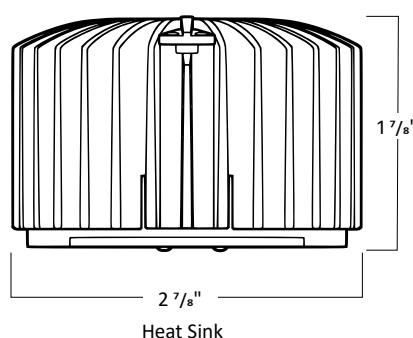
### HOUSING DIMENSIONS



\*Length modification available upon request



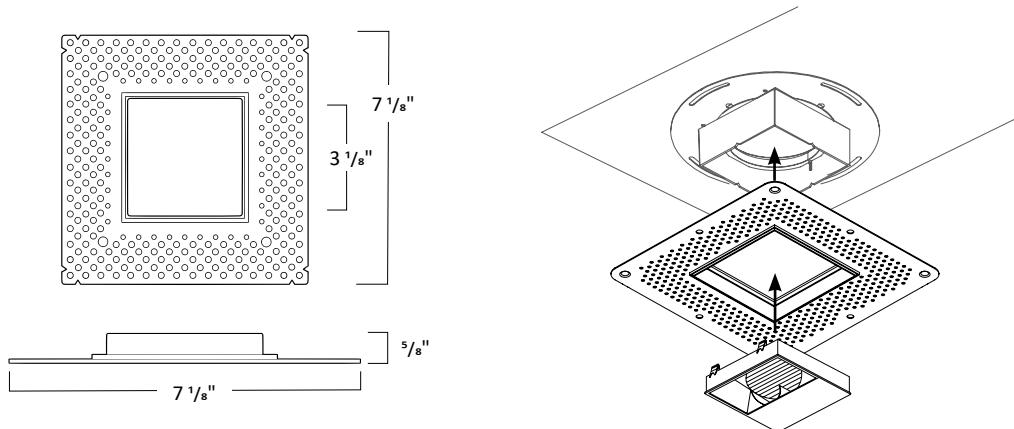
### ADJUSTABLE MODULE DIMENSIONS



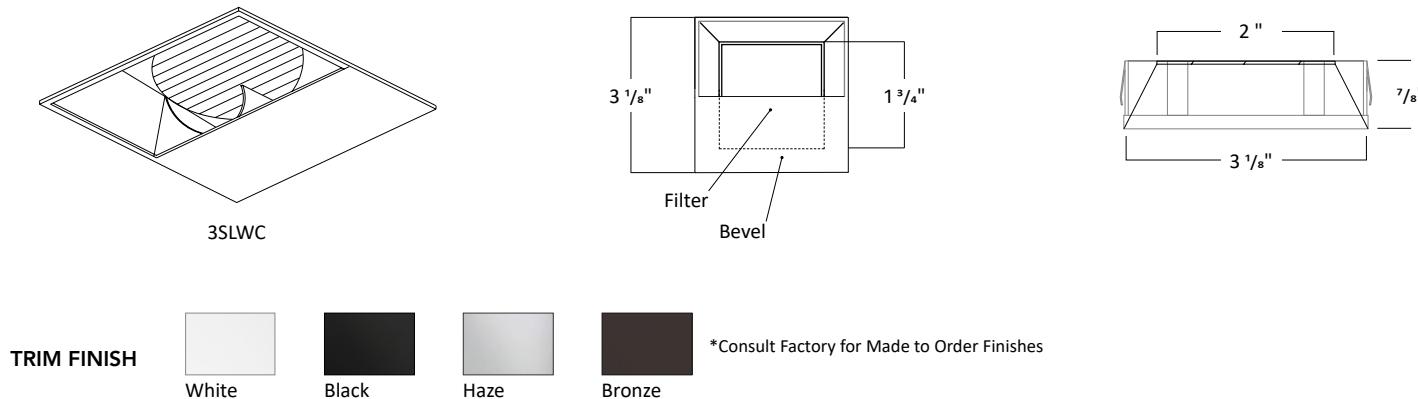
Adjustable Module Holder

3" ARCHITECTURAL FIRE-RATED SQUARE FLANGELESS WALL WASH

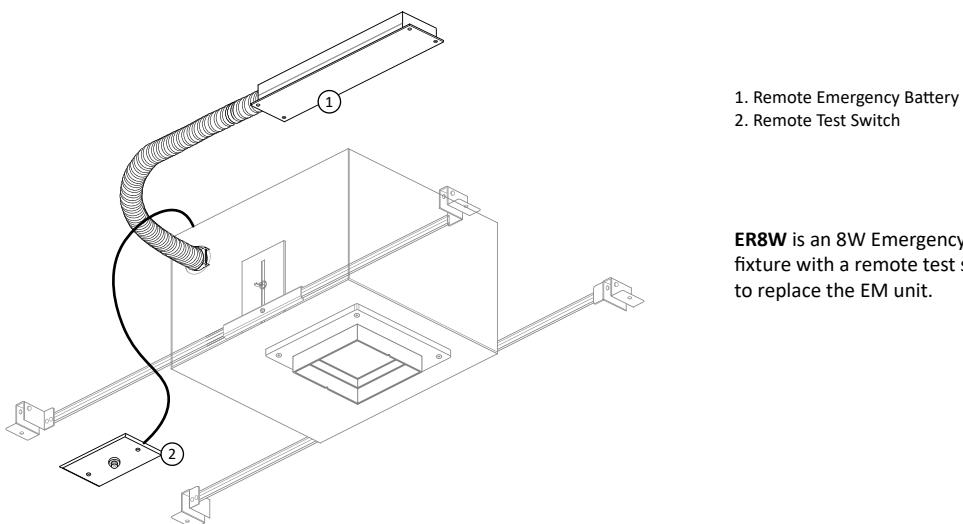
## FLANGELESS PLASTER (LPS)



## TRIM DIMENSIONS



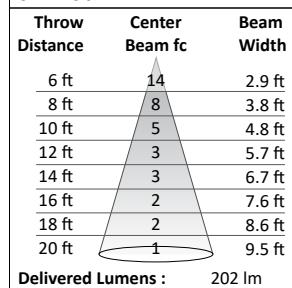
## REMOTE 8W EMERGENCY BATTERY



**ER8W** is an 8W Emergency Battery that is remote to the fixture with a remote test switch. Ceiling access is required to replace the EM unit.

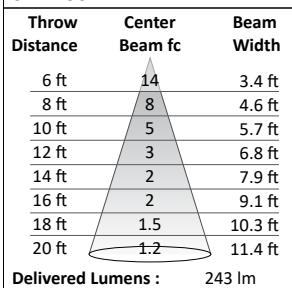
## PHOTOMETRIC DATA

### 6W - 30°



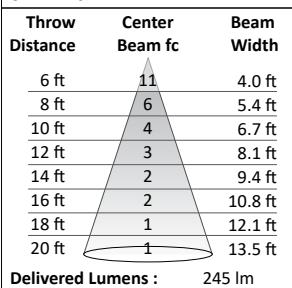
Delivered Lumens : 202 lm  
Efficiency : 32 lm/W

### 6W - 35°



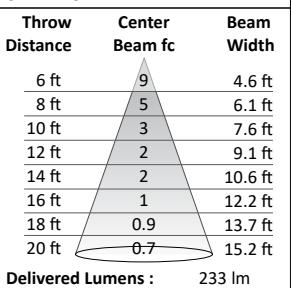
Delivered Lumens : 243 lm  
Efficiency : 38 lm/W

### 6W - 40°



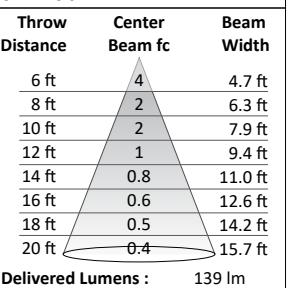
Delivered Lumens : 245 lm  
Efficiency : 38 lm/W

### 6W - 45°



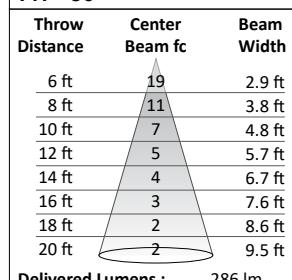
Delivered Lumens : 233 lm  
Efficiency : 36 lm/W

### 6W - 50°



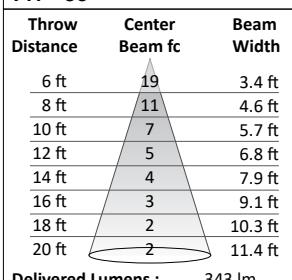
Delivered Lumens : 139 lm  
Efficiency : 22 lm/W

### 9W - 30°



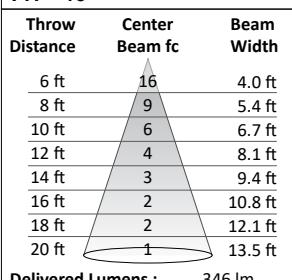
Delivered Lumens : 286 lm  
Efficiency : 31 lm/W

### 9W - 35°



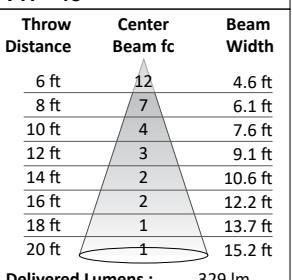
Delivered Lumens : 343 lm  
Efficiency : 37 lm/W

### 9W - 40°



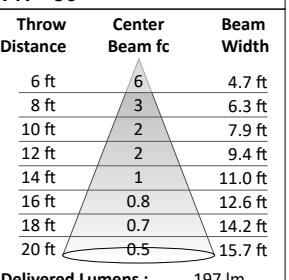
Delivered Lumens : 346 lm  
Efficiency : 38 lm/W

### 9W - 45°



Delivered Lumens : 329 lm  
Efficiency : 36 lm/W

### 9W - 50°



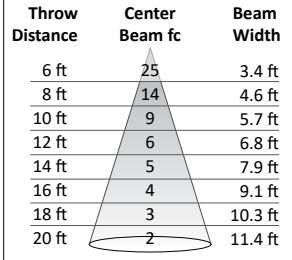
Delivered Lumens : 197 lm  
Efficiency : 21 lm/W

### 12W - 30°



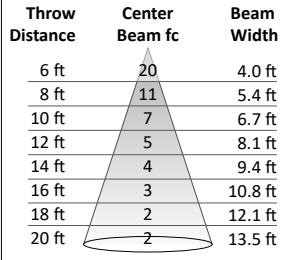
Delivered Lumens : 375 lm  
Efficiency : 30 lm/W

### 12W - 35°



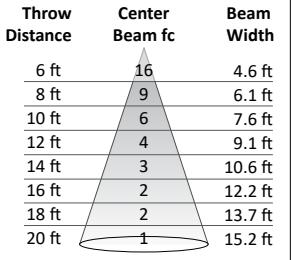
Delivered Lumens : 451 lm  
Efficiency : 37 lm/W

### 12W - 40°



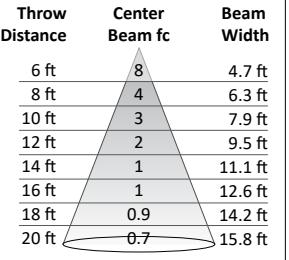
Delivered Lumens : 454 lm  
Efficiency : 37 lm/W

### 12W - 45°



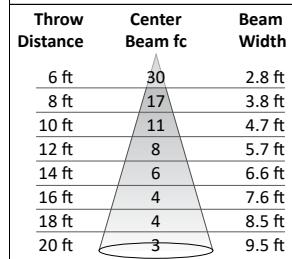
Delivered Lumens : 432 lm  
Efficiency : 35 lm/W

### 12W - 50°



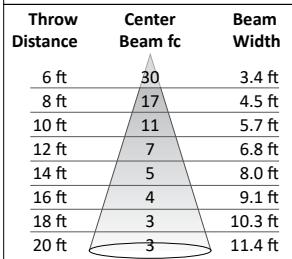
Delivered Lumens : 259 lm  
Efficiency : 21 lm/W

### 15W - 30°



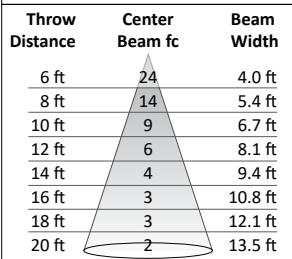
Delivered Lumens : 445 lm  
Efficiency : 29 lm/W

### 15W - 35°



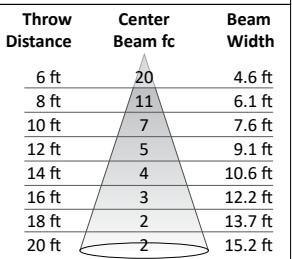
Delivered Lumens : 541 lm  
Efficiency : 35 lm/W

### 15W - 40°



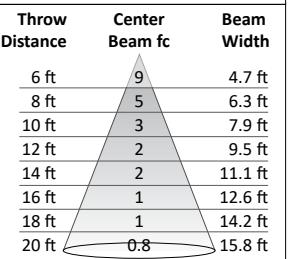
Delivered Lumens : 539 lm  
Efficiency : 35 lm/W

### 15W - 45°



Delivered Lumens : 518 lm  
Efficiency : 34 lm/W

### 15W - 50°



Delivered Lumens : 308 lm  
Efficiency : 20 lm/W