



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**

Warm Dim LED range from 3000K to 1800K, in 90+ CRI, with 2-step binning which allows for color consistency between fixtures. This technology is great for setting a more cozy atmosphere and mimics the behavior of a traditional incandescent lighting. The module may be interchangeable from downlight, wall wash or adjustable by utilization of the appropriate holder. Module is accessible from below the ceiling.

**ALIGNMENT/ADJUSTABILITY**

Collar notch allows for easy alignment between trims.

**OPTICS AND FILTERS**

Optical lens available in 30°, 35°, 45°, 55°, and 80°. Easily achieve narrow spot to wide flood beam pattern. Optional frosted, honeycomb, or solite filter available upon request. 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 eldolLED and Lutron. 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 4W or 8W versions. Each provides light for a minimum of 90 minutes. EM back box (installed by factory) is required for the 4W version. 4W is accessible from below the ceiling. Ceiling access is required for the 8W version (test switch is remote). 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.

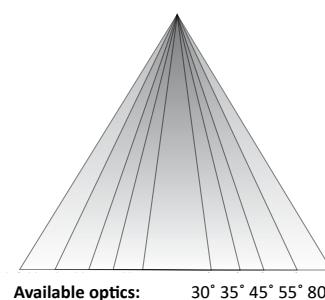
PATENT PENDING

CHICAGO  
PENUMTITLE 24  
CompliantWET 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>	485-513	691-731	917-973	1113-1184

\* 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	Filter	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	30 - 30°	None - Included	IC - IC Air-Tight
	9W - 9 Watt	Dimming Driver (Intelligent Drive)		35 - 35°	F - Frosted Filter	New Construction
	12W - 12 Watt			45 - 45°	H - Honey Comb	
	15W - 15 Watt	EEIS <sup>2</sup> - eldoLED 1% Dim 0-10V (120-127V), Triac (120V)		55 - 55°	S - Solite Filter	
		EDIO <sup>3</sup> - eldoLED 0.1% Dim (0-10V)		80 - 80°		
		EDID <sup>3</sup> - eldoLED 0.1% Dim (DALI)				
		EDD <sup>3</sup> - eldoLED 1% Dim (DALI2)				
		PEQO - Lutron Hi-Lume Premier Ecosystem 0.1% with Soft-on, Fade-to-Black Dimming				

Collar	Module Type	Frame Accessories	Options
3CR - 3" Round Collar, 5/8" Height	FMH - Downlight	UH - Universal Bar Hanger	EI4W - Emergency Battery with Integral test switch (400 lm) ER8W <sup>4</sup> - Emergency Battery with Remote test switch (800 lm) CP - Chicago Plenum

## TRIM ORDERING INFORMATION

## Bevel / Flange Finish

3RFOWW - White Bevel / White Flange  
 3RFOBB - Black Bevel / Black Flange  
 3RFOHW - Haze Bevel / White Flange  
 3RFOBZBZ - Bronze Bevel / Bronze Flange  
 3RFOMTO - 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°	45°	55°	80°
6W	Initial Lumens	597	597	597	597
	Delivered Lumens	488	511	513	494
	UGR	14.6	14.7	16.9	19.6
9W	Initial Lumens	847	847	847	847
	Delivered Lumens	695	727	731	702
	UGR	15.9	16	18.2	20.8
12W	Initial Lumens	1122	1122	1122	1122
	Delivered Lumens	921	963	973	928
	UGR	17	17	19.2	21.9
15W	Initial Lumens	1360	1360	1360	1360
	Delivered Lumens	1116	1163	1184	1121
	UGR	17.7	17.7	19.9	22.5

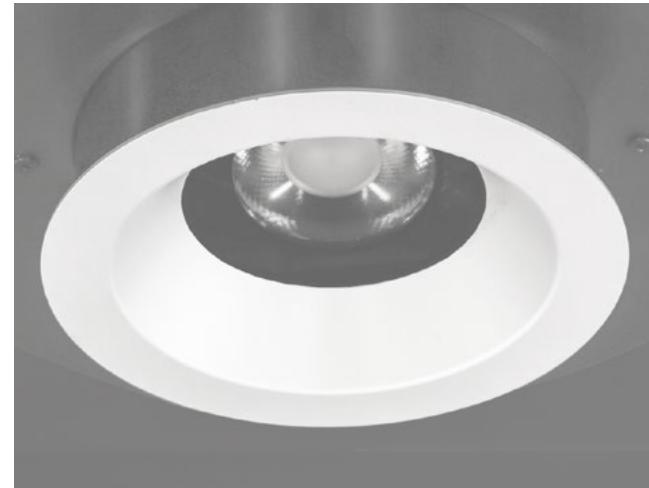
\* Values are listed at 3000K, 90+ CRI with trim.

### DIFFUSED LENS



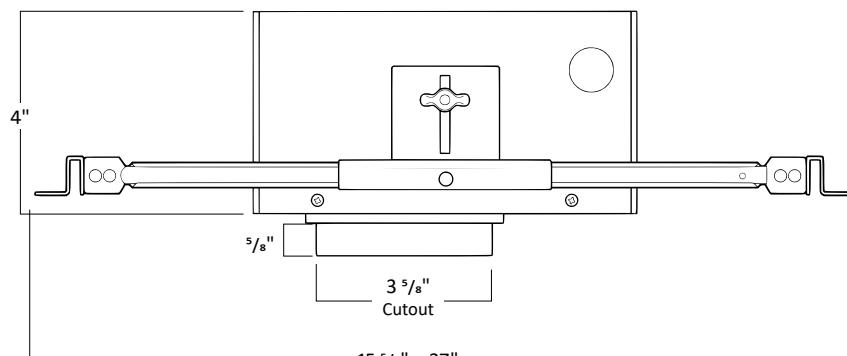
• Listed IES files are with diffused lens

### OPTIONAL FIELD REMOVABLE LENS

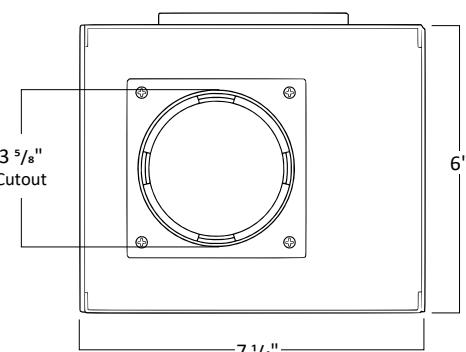


- Not suitable for wet locations
- Increase in lumens by approximately 7%

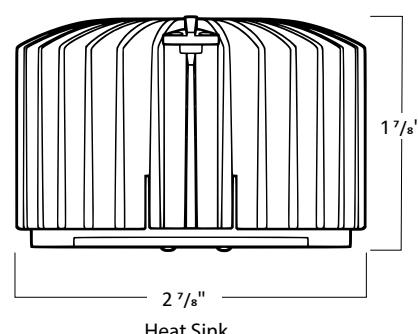
### HOUSING DIMENSIONS



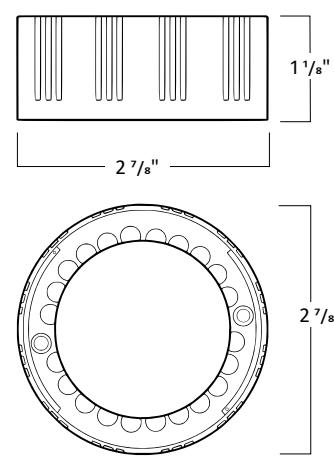
\*Length modification available upon request



### MODULE DIMENSIONS



Heat Sink



Fixed Module Holder

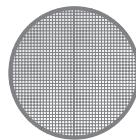
### FILTERS



Frosted Filter

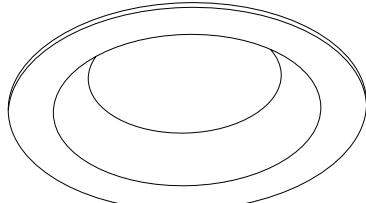


Honey Comb

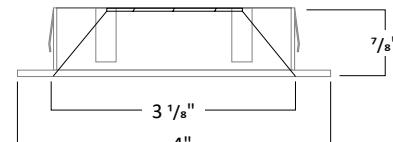
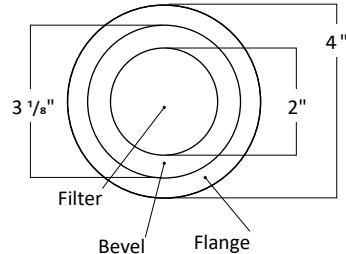


Solite Filter

### TRIM DIMENSIONS



3RFO



### TRIM FINISH



White



Black



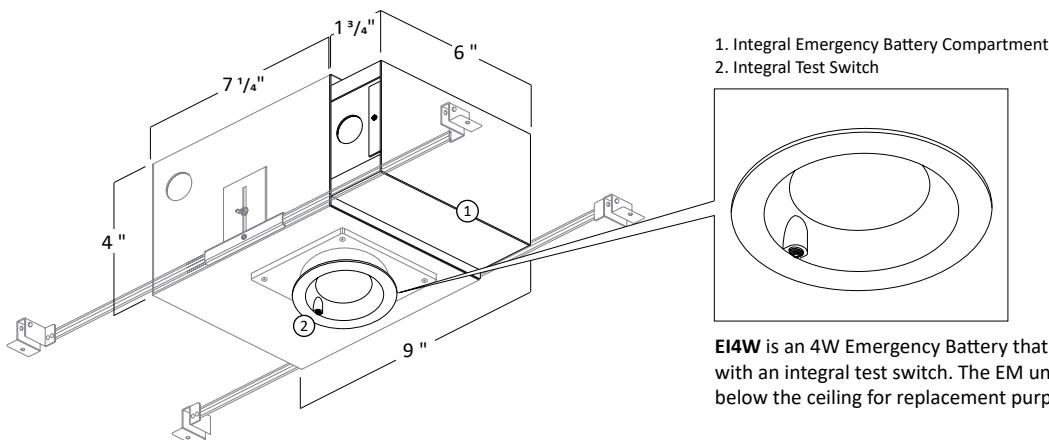
Haze



Bronze

\*Consult Factory for Made to Order Finishes

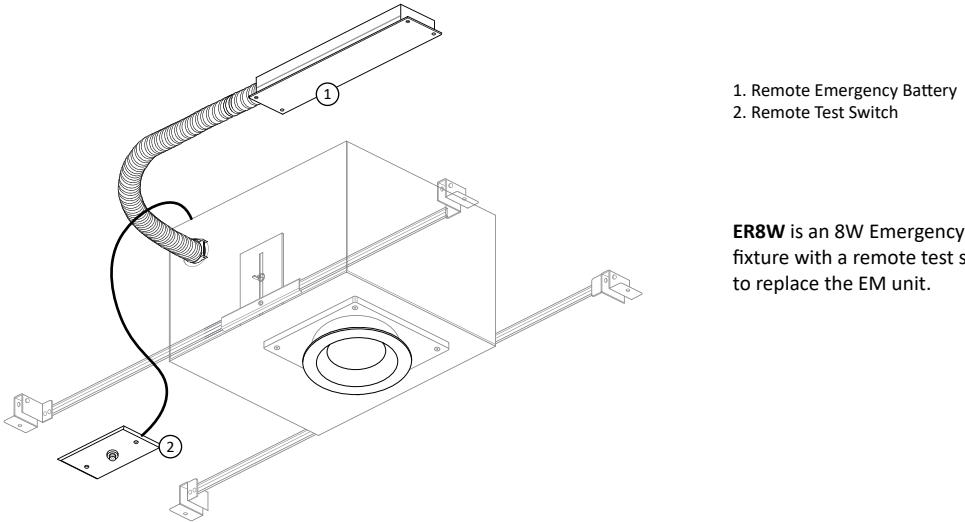
### INTEGRAL 4W EMERGENCY BATTERY



1. Integral Emergency Battery Compartment
2. Integral Test Switch

**EI4W** is an 4W Emergency Battery that is integral to the fixture with an integral test switch. The EM unit is accessible from below the ceiling for replacement purposes.

### REMOTE 8W EMERGENCY BATTERY



1. Remote Emergency Battery
2. Remote Test Switch

**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°

Throw Distance	Center Beam fc	Beam Width
6 ft	39	3.1 ft
8 ft	22	4.2 ft
10 ft	14	5.2 ft
12 ft	10	6.3 ft
14 ft	7	7.3 ft
16 ft	5	8.4 ft
18 ft	4	9.4 ft
20 ft	4	10.5 ft

Delivered Lumens : 488 lm  
Efficiency : 76 lm/W

### 6W - 35°

Throw Distance	Center Beam fc	Beam Width
6 ft	34	3.5 ft
8 ft	19	4.7 ft
10 ft	12	5.9 ft
12 ft	9	7.1 ft
14 ft	6	8.3 ft
16 ft	5	9.5 ft
18 ft	4	10.7 ft
20 ft	3	11.9 ft

Delivered Lumens : 511 lm  
Efficiency : 80 lm/W

### 6W - 45°

Throw Distance	Center Beam fc	Beam Width
6 ft	24	4.5 ft
8 ft	13	6.1 ft
10 ft	8	7.6 ft
12 ft	6	9.1 ft
14 ft	4	10.6 ft
16 ft	3	12.1 ft
18 ft	3	13.7 ft
20 ft	2	15.2 ft

Delivered Lumens : 513 lm  
Efficiency : 80 lm/W

### 6W - 55°

Throw Distance	Center Beam fc	Beam Width
6 ft	16	5.8 ft
8 ft	9	7.8 ft
10 ft	6	9.8 ft
12 ft	4	11.7 ft
14 ft	3	13.7 ft
16 ft	2	15.7 ft
18 ft	2	17.6 ft
20 ft	1	19.6 ft

Delivered Lumens : 494 lm  
Efficiency : 77 lm/W

### 6W - 80°

Throw Distance	Center Beam fc	Beam Width
6 ft	8	10.0 ft
8 ft	5	13.3 ft
10 ft	3	16.7 ft
12 ft	2	20.0 ft
14 ft	1.5	23.4 ft
16 ft	1.2	26.7 ft
18 ft	0.9	30.1 ft
20 ft	0.7	33.4 ft

Delivered Lumens : 485 lm  
Efficiency : 76 lm/W

### 9W - 30°

Throw Distance	Center Beam fc	Beam Width
6 ft	55	3.1 ft
8 ft	31	4.1 ft
10 ft	20	5.2 ft
12 ft	14	6.2 ft
14 ft	10	7.3 ft
16 ft	8	8.4 ft
18 ft	6	9.4 ft
20 ft	5	10.5 ft

Delivered Lumens : 695 lm  
Efficiency : 76 lm/W

### 9W - 35°

Throw Distance	Center Beam fc	Beam Width
6 ft	49	3.5 ft
8 ft	28	4.7 ft
10 ft	18	5.9 ft
12 ft	12	7.1 ft
14 ft	9	8.3 ft
16 ft	7	9.5 ft
18 ft	5	10.6 ft
20 ft	4	11.8 ft

Delivered Lumens : 727 lm  
Efficiency : 79 lm/W

### 9W - 45°

Throw Distance	Center Beam fc	Beam Width
6 ft	34	4.5 ft
8 ft	19	6.1 ft
10 ft	12	7.6 ft
12 ft	8	9.1 ft
14 ft	6	10.6 ft
16 ft	5	12.1 ft
18 ft	4	13.7 ft
20 ft	3	15.2 ft

Delivered Lumens : 731 lm  
Efficiency : 79 lm/W

### 9W - 55°

Throw Distance	Center Beam fc	Beam Width
6 ft	22	5.8 ft
8 ft	12	7.8 ft
10 ft	8	9.8 ft
12 ft	6	11.7 ft
14 ft	4	13.7 ft
16 ft	3	15.7 ft
18 ft	2	17.6 ft
20 ft	2	19.6 ft

Delivered Lumens : 702 lm  
Efficiency : 76 lm/W

### 9W - 80°

Throw Distance	Center Beam fc	Beam Width
6 ft	12	10.0 ft
8 ft	7	13.3 ft
10 ft	4	16.7 ft
12 ft	3	20.0 ft
14 ft	2	23.4 ft
16 ft	2	26.7 ft
18 ft	1	30.1 ft
20 ft	1	33.4 ft

Delivered Lumens : 691 lm  
Efficiency : 75 lm/W

### 12W - 30°

Throw Distance	Center Beam fc	Beam Width
6 ft	73	3.1 ft
8 ft	41	4.1 ft
10 ft	26	5.2 ft
12 ft	18	6.2 ft
14 ft	13	7.3 ft
16 ft	10	8.4 ft
18 ft	8	9.4 ft
20 ft	7	10.5 ft

Delivered Lumens : 921 lm  
Efficiency : 75 lm/W

### 12W - 35°

Throw Distance	Center Beam fc	Beam Width
6 ft	65	3.5 ft
8 ft	36	4.7 ft
10 ft	23	5.9 ft
12 ft	16	7.1 ft
14 ft	12	8.3 ft
16 ft	9	9.5 ft
18 ft	7	10.6 ft
20 ft	6	11.8 ft

Delivered Lumens : 963 lm  
Efficiency : 78 lm/W

### 12W - 45°

Throw Distance	Center Beam fc	Beam Width
6 ft	45	4.5 ft
8 ft	25	6.1 ft
10 ft	16	7.6 ft
12 ft	11	9.1 ft
14 ft	8	10.6 ft
16 ft	6	12.1 ft
18 ft	5	13.7 ft
20 ft	4	15.2 ft

Delivered Lumens : 973 lm  
Efficiency : 79 lm/W

### 12W - 55°

Throw Distance	Center Beam fc	Beam Width
6 ft	29	5.8 ft
8 ft	16	7.8 ft
10 ft	10	9.8 ft
12 ft	7	11.7 ft
14 ft	5	13.7 ft
16 ft	4	15.7 ft
18 ft	3	17.6 ft
20 ft	3	19.6 ft

Delivered Lumens : 928 lm  
Efficiency : 75 lm/W

### 12W - 80°

Throw Distance	Center Beam fc	Beam Width
6 ft	16	10.0 ft
8 ft	9	13.3 ft
10 ft	6	16.7 ft
12 ft	4	20.0 ft
14 ft	3	23.4 ft
16 ft	2	26.7 ft
18 ft	2	30.1 ft
20 ft	1	33.4 ft

Delivered Lumens : 917 lm  
Efficiency : 75 lm/W

### 15W - 30°

Throw Distance	Center Beam fc	Beam Width
6 ft	88	3.1 ft
8 ft	50	4.2 ft
10 ft	32	5.2 ft
12 ft	22	6.3 ft
14 ft	16	7.3 ft
16 ft	12	8.4 ft
18 ft	10	9.4 ft
20 ft	8	10.5 ft

Delivered Lumens : 1116 lm  
Efficiency : 73 lm/W

### 15W - 35°

Throw Distance	Center Beam fc	Beam Width
6 ft	78	3.5 ft
8 ft	44	4.7 ft
10 ft	28	5.9 ft
12 ft	20	7.1 ft
14 ft	14	8.3 ft
16 ft	11	9.5 ft
18 ft	9	10.6 ft
20 ft	7	11.8 ft

Delivered Lumens : 1163 lm  
Efficiency : 76 lm/W

### 15W - 45°

Throw Distance	Center Beam fc	Beam Width
6 ft	54	4.5 ft
8 ft	31	6.1 ft
10 ft	20	7.6 ft
12 ft	14	9.1 ft
14 ft	10	10.6 ft
16 ft	8	12.1 ft
18 ft	6	13.7 ft
20 ft	5	15.2 ft

Delivered Lumens : 1184 lm  
Efficiency : 77 lm/W

### 15W - 55°

Throw Distance	Center Beam fc	Beam Width
6 ft	35	5.8 ft
8 ft	20	7.8 ft
10 ft	13	9.8 ft
12 ft	9	11.7 ft
14 ft	6	13.7 ft
16 ft	5	15.7 ft
18 ft	4	17.6 ft
20 ft	3	19.6 ft

Delivered Lumens : 1121 lm  
Efficiency : 73 lm/W

### 15W - 80°

Throw Distance	Center Beam fc	Beam Width
6 ft	19	9.9 ft