PRODIGY

3" ARCHITECTURAL FIRE-RATED ROUND FLANGE WALL WASH

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°, 40°, 45° and 50°. 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 eldoLED 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 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 ⅛". 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

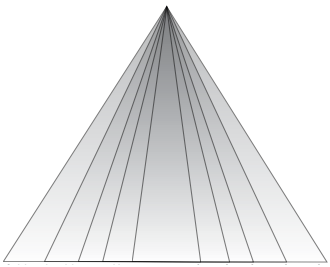
GENERAL PERFORMANCE CHART

*Detailed performance chart may be found on page 2

	6W	9W	12W	15W
Initial Lumens	597	847	1122	1360
Delivered Lumens	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



Available optics: 30˚ 35˚ 40˚ 45˚ 50˚

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

ORDERING INFORMATION

Series
RGY3

Wattage
6W - 6 Watt
9W - 9 Watt
12W - 12 Watt
15W - 15 Watt

Dimming
ID[1] - Standard All-Inclusive ELV(120V), Triac(120V), and 0-10V(120-277V) Dimming Driver (Intelligent Drive)
EEIS[2] - eldoLED 1% Dim 0–10V (120-127V), Triac (120V)
EDIO[3] - eldoLED 0.1% Dim (0–10V)
EDID[3] - eldoLED 0.1% Dim (DALI)
EDD[3] - eldoLED 1% Dim (DALI2)
PEQ0 - Lutron Hi-Lume Premier Ecosystem 0.1% with Soft-on, Fade-to-Black Dimming

Color Temperature
WD - Warm Dim

Optical Lens
30 - 30°
35 - 35°
40 - 40°
45 - 45°
50 - 50°

Housing Type
IC - IC Air-Tight New Construction

Collar
3CR - 3" Round Collar, 5/8" Height

Module Type
AMHW - Wall Wash

Frame Accessories
UH - Universal Adjustable Bar Hanger

Options
ER8W[4] - Emergency Battery with Remote Switch (8W)
CP - Chicago Plenum

TRIM ORDERING INFORMATION

Bevel / Flange Finish
3RFWC**WW** - White Bevel / White Flange
3RFWC**BB** - Black Bevel / Black Flange
3RFWC**HW** - Haze Bevel / White Flange
3RFWC**BZBZ** - Bronze Bevel / Bronze Flange
3RFWC**MTO** - 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.

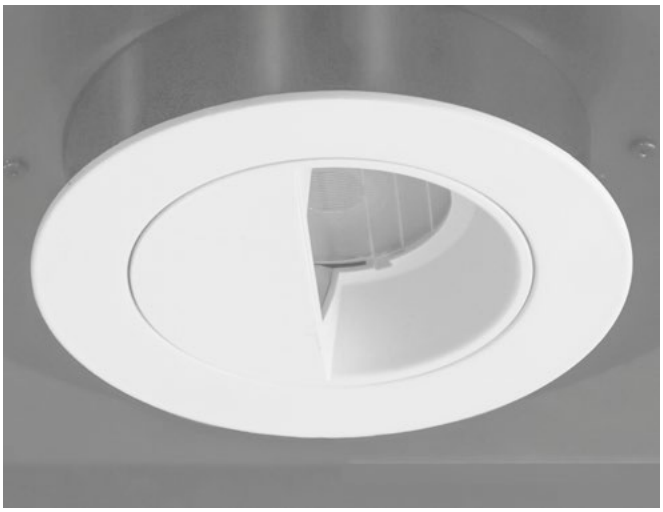
PERFORMANCE CHART

	Optics	30°	35°	40°	45°	50°
6W	Initial Lumens	597	597	597	597	597
	Delivered Lumens	202	243	245	233	139
9W	Initial Lumens	847	847	847	847	847
	Delivered Lumens	286	343	346	329	197
12W	Initial Lumens	1122	1122	1122	1122	1122
	Delivered Lumens	375	451	454	432	259
15W	Initial Lumens	1360	1360	1360	1360	1360
	Delivered Lumens	445	541	539	518	308

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

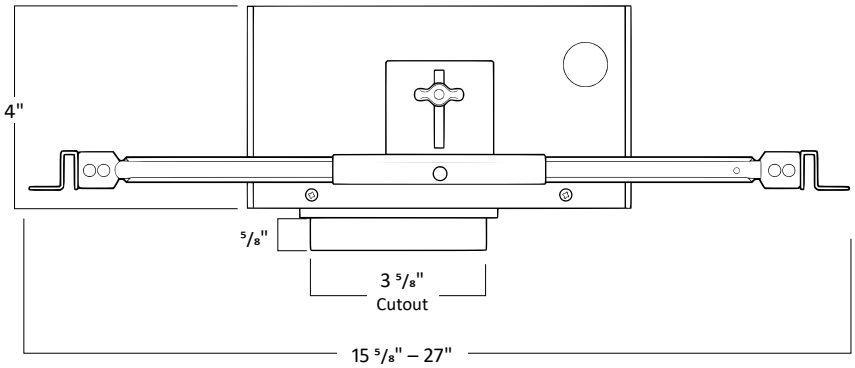
Integer Lights continually works to improve products and reserves the right to make changes which may alter the performance, appearance or specification of products.

DIFFUSED LENS

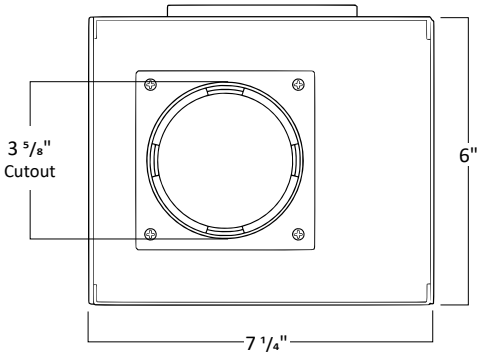


- Listed IES files are with diffused lens

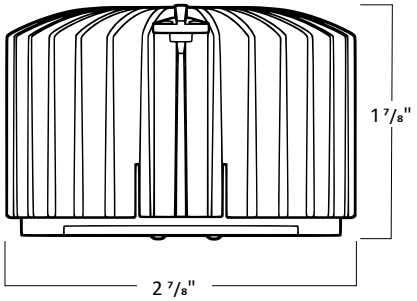
HOUSING DIMENSIONS



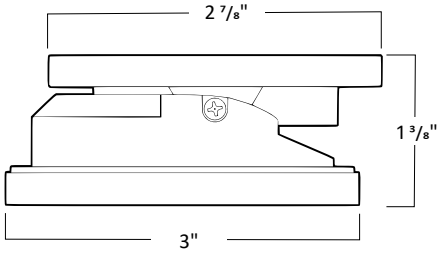
*Length modification available upon request



ADJUSTABLE MODULE DIMENSIONS

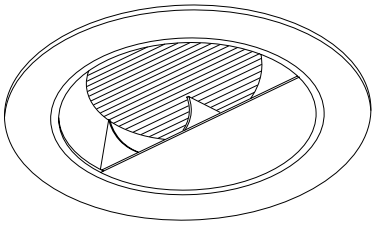


Heat Sink

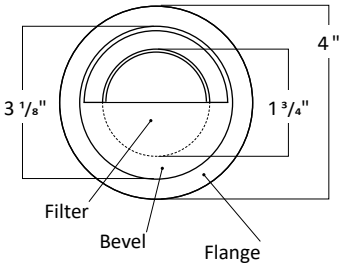


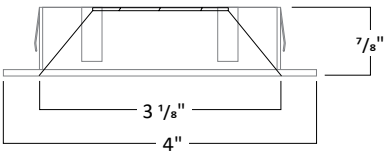
Adjustable Module Holder

TRIM DIMENSIONS



3RFWC





TRIM FINISH

White

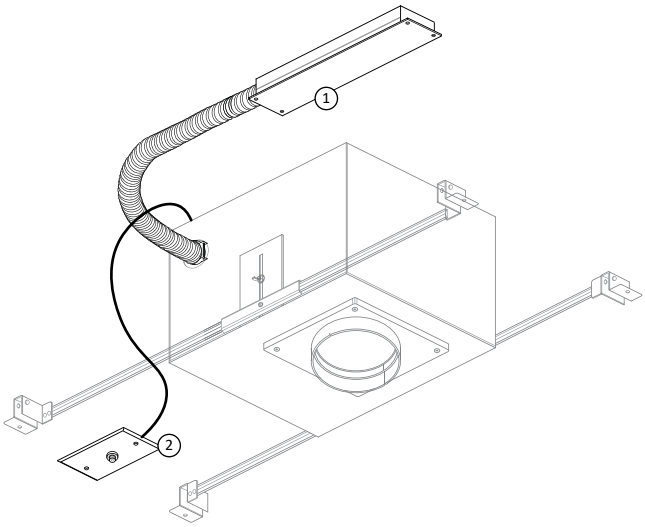
Black

Haze

Bronze

*Consult Factory for Made to Order Finishes

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 an remote test switch. Ceiling access is required to replace the EM unit.

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PHOTOMETRIC DATA

6W - 30°

Throw Distance	Center Beam fc	Beam Width
6 ft	14	2.9 ft
8 ft	8	3.8 ft
10 ft	5	4.8 ft
12 ft	3	5.7 ft
14 ft	3	6.7 ft
16 ft	2	7.6 ft
18 ft	2	8.6 ft
20 ft	1	9.5 ft

Delivered Lumens : 202 lm
Efficiency : 32 lm/W

6W - 35°

Throw Distance	Center Beam fc	Beam Width
6 ft	14	3.4 ft
8 ft	8	4.6 ft
10 ft	5	5.7 ft
12 ft	3	6.8 ft
14 ft	2	7.9 ft
16 ft	2	9.1 ft
18 ft	1.5	10.3 ft
20 ft	1.2	11.4 ft

Delivered Lumens : 243 lm
Efficiency : 38 lm/W

6W - 40°

Throw Distance	Center Beam fc	Beam Width
6 ft	11	4.0 ft
8 ft	6	5.4 ft
10 ft	4	6.7 ft
12 ft	3	8.1 ft
14 ft	2	9.4 ft
16 ft	2	10.8 ft
18 ft	1	12.1 ft
20 ft	1	13.5 ft

Delivered Lumens : 245 lm
Efficiency : 38 lm/W

6W - 45°

Throw Distance	Center Beam fc	Beam Width
6 ft	9	4.6 ft
8 ft	5	6.1 ft
10 ft	3	7.6 ft
12 ft	2	9.1 ft
14 ft	2	10.6 ft
16 ft	1	12.2 ft
18 ft	0.9	13.7 ft
20 ft	0.7	15.2 ft

Delivered Lumens : 233 lm
Efficiency : 36 lm/W

6W - 50°

Throw Distance	Center Beam fc	Beam Width
6 ft	4	4.7 ft
8 ft	2	6.3 ft
10 ft	2	7.9 ft
12 ft	1	9.4 ft
14 ft	0.8	11.0 ft
16 ft	0.6	12.6 ft
18 ft	0.5	14.2 ft
20 ft	0.4	15.7 ft

Delivered Lumens : 139 lm
Efficiency : 22 lm/W

9W - 30°

Throw Distance	Center Beam fc	Beam Width
6 ft	19	2.9 ft
8 ft	11	3.8 ft
10 ft	7	4.8 ft
12 ft	5	5.7 ft
14 ft	4	6.7 ft
16 ft	3	7.6 ft
18 ft	2	8.6 ft
20 ft	2	9.5 ft

Delivered Lumens : 286 lm
Efficiency : 31 lm/W

9W - 35°

Throw Distance	Center Beam fc	Beam Width
6 ft	19	3.4 ft
8 ft	11	4.6 ft
10 ft	7	5.7 ft
12 ft	5	6.8 ft
14 ft	4	7.9 ft
16 ft	3	9.1 ft
18 ft	2	10.3 ft
20 ft	2	11.4 ft

Delivered Lumens : 343 lm
Efficiency : 37 lm/W

9W - 40°

Throw Distance	Center Beam fc	Beam Width
6 ft	16	4.0 ft
8 ft	9	5.4 ft
10 ft	6	6.7 ft
12 ft	4	8.1 ft
14 ft	3	9.4 ft
16 ft	2	10.8 ft
18 ft	2	12.1 ft
20 ft	1	13.5 ft

Delivered Lumens : 346 lm
Efficiency : 38 lm/W

9W - 45°

Throw Distance	Center Beam fc	Beam Width
6 ft	12	4.6 ft
8 ft	7	6.1 ft
10 ft	4	7.6 ft
12 ft	3	9.1 ft
14 ft	2	10.6 ft
16 ft	2	12.2 ft
18 ft	1	13.7 ft
20 ft	1	15.2 ft

Delivered Lumens : 329 lm
Efficiency : 36 lm/W

9W - 50°

Throw Distance	Center Beam fc	Beam Width
6 ft	6	4.7 ft
8 ft	3	6.3 ft
10 ft	2	7.9 ft
12 ft	2	9.4 ft
14 ft	1	11.0 ft
16 ft	0.8	12.6 ft
18 ft	0.7	14.2 ft
20 ft	0.5	15.7 ft

Delivered Lumens : 197 lm
Efficiency : 21 lm/W

12W - 30°

Throw Distance	Center Beam fc	Beam Width
6 ft	25	2.8 ft
8 ft	14	3.8 ft
10 ft	9	4.7 ft
12 ft	6	5.7 ft
14 ft	5	6.6 ft
16 ft	4	7.6 ft
18 ft	3	8.5 ft
20 ft	2	9.5 ft

Delivered Lumens : 375 lm
Efficiency : 30 lm/W

12W - 35°

Throw Distance	Center Beam fc	Beam Width
6 ft	25	3.4 ft
8 ft	14	4.6 ft
10 ft	9	5.7 ft
12 ft	6	6.8 ft
14 ft	5	7.9 ft
16 ft	4	9.1 ft
18 ft	3	10.3 ft
20 ft	2	11.4 ft

Delivered Lumens : 451 lm
Efficiency : 37 lm/W

12W - 40°

Throw Distance	Center Beam fc	Beam Width
6 ft	20	4.0 ft
8 ft	11	5.4 ft
10 ft	7	6.7 ft
12 ft	5	8.1 ft
14 ft	4	9.4 ft
16 ft	3	10.8 ft
18 ft	2	12.1 ft
20 ft	2	13.5 ft

Delivered Lumens : 454 lm
Efficiency : 37 lm/W

12W - 45°

Throw Distance	Center Beam fc	Beam Width
6 ft	16	4.6 ft
8 ft	9	6.1 ft
10 ft	6	7.6 ft
12 ft	4	9.1 ft
14 ft	3	10.6 ft
16 ft	2	12.2 ft
18 ft	2	13.7 ft
20 ft	1	15.2 ft

Delivered Lumens : 432 lm
Efficiency : 35 lm/W

12W - 50°

Throw Distance	Center Beam fc	Beam Width
6 ft	8	4.7 ft
8 ft	4	6.3 ft
10 ft	3	7.9 ft
12 ft	2	9.5 ft
14 ft	1	11.1 ft
16 ft	1	12.6 ft
18 ft	0.9	14.2 ft
20 ft	0.7	15.8 ft

Delivered Lumens : 259 lm
Efficiency : 21 lm/W

15W - 30°

Throw Distance	Center Beam fc	Beam Width
6 ft	30	2.8 ft
8 ft	17	3.8 ft
10 ft	11	4.7 ft
12 ft	8	5.7 ft
14 ft	6	6.6 ft
16 ft	4	7.6 ft
18 ft	4	8.5 ft
20 ft	3	9.5 ft

Delivered Lumens : 445 lm
Efficiency : 29 lm/W

15W - 35°

Throw Distance	Center Beam fc	Beam Width
6 ft	30	3.4 ft
8 ft	17	4.5 ft
10 ft	11	5.7 ft
12 ft	7	6.8 ft
14 ft	5	8.0 ft
16 ft	4	9.1 ft
18 ft	3	10.3 ft
20 ft	3	11.4 ft

Delivered Lumens : 541 lm
Efficiency : 35 lm/W

15W - 40°

Throw Distance	Center Beam fc	Beam Width
6 ft	24	4.0 ft
8 ft	14	5.4 ft
10 ft	9	6.7 ft
12 ft	6	8.1 ft
14 ft	4	9.4 ft
16 ft	3	10.8 ft
18 ft	3	12.1 ft
20 ft	2	13.5 ft

Delivered Lumens : 539 lm
Efficiency : 35 lm/W

15W - 45°

Throw Distance	Center Beam fc	Beam Width
6 ft	20	4.6 ft
8 ft	11	6.1 ft
10 ft	7	7.6 ft
12 ft	5	9.1 ft
14 ft	4	10.6 ft
16 ft	3	12.2 ft
18 ft	2	13.7 ft
20 ft	2	15.2 ft

Delivered Lumens : 518 lm
Efficiency : 34 lm/W

15W - 50°

Throw Distance	Center Beam fc	Beam Width
6 ft	9	4.7 ft
8 ft	5	6.3 ft
10 ft	3	7.9 ft
12 ft	2	9.5 ft
14 ft	2	11.1 ft
16 ft	1	12.6 ft
18 ft	1	14.2 ft
20 ft	0.8	15.8 ft

Delivered Lumens : 308 lm
Efficiency : 20 lm/W