PRODIGY

3" ARCHITECTURAL FIRE-RATED ROUND FLANGELESS PINHOLE

integer Lights

WARM : DIM

GENERAL INFORMATION

USE OF PRODUCT
Prodigy pinhole is an architectural fixture 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 20°, 25°, 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. 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.

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.
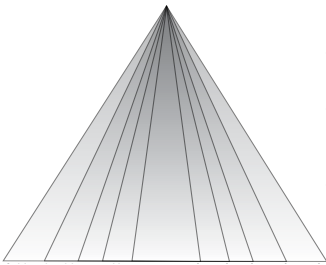- State of California Title 24 and JA8 compliant.

PATENT PENDING · ETL Intertek · IC Air tight · CHICAGO PLENUM · 2 HOUR FIRE RATED LISTED PER UL514A · TITLE24 Compliant · JA8 Compliant · WET LOCATION RATED

GENERAL PERFORMANCE CHART
*Detailed performance chart may be found on page 2

	6W	9W	12W	15W
Initial Lumens	597	847	1122	1360
Delivered Lumens	228-476	324-670	426-879	506-1044

* 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

Available optics: 20° 25° 40° 45° 50°

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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ORDERING INFORMATION

Series	Wattage	Dimming	Color Temperature	Optical Lens	Filter	Housing Type
RGY3	**6W** - 6 Watt **9W** - 9 Watt **12W** - 12 Watt **15W** - 15 Watt	**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	**WD** - Warm Dim	**20** - 20° **25** - 25° **40** - 40° **45** - 45° **50** - 50°	**None** - Included **F** - Frosted Filter **H** - Honey Comb **S** - Solite Filter	**IC** - IC Air-Tight New Construction

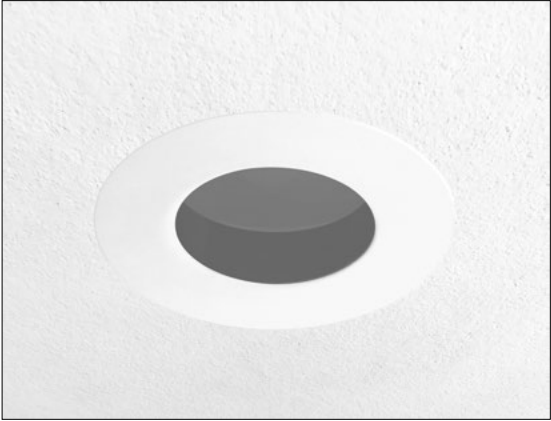| Collar	Module Type	Trim Style	Frame Accessories	Options
3CR - 3" Round Collar, 5/8" Height	**FMH** - Downlight	**LPR** - Round Plaster Mud-in Ring	**UH** - Universal Bar Hanger	**ER8W**[4] - Emergency Battery with Remote Switch (8W) **CP** - Chicago Plenum

TRIM ORDERING INFORMATION

Finish

3RLP**W** - 3" Round Flangeless Pinhole White
3RLP**B** - 3" Round Flangeless Pinhole Black
3RLP**BZ** - 3" Round Flangeless Pinhole Bronze

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	20°	25°	40°	50°
6W	Initial Lumens	597	597	597	597
	Delivered Lumens	351	438	476	453
	UGR	3.5	0	5.2	13.1
9W	Initial Lumens	847	847	847	847
	Delivered Lumens	499	624	670	641
	UGR	5.3	1.6	5.9	14.3
12W	Initial Lumens	1122	1122	1122	1122
	Delivered Lumens	662	829	879	844
	UGR	6.7	2.8	7	15.3
15W	Initial Lumens	1360	1360	1360	1360
	Delivered Lumens	802	1016	1044	1013
	UGR	7.7	3.7	7.5	16

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

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PG. 2

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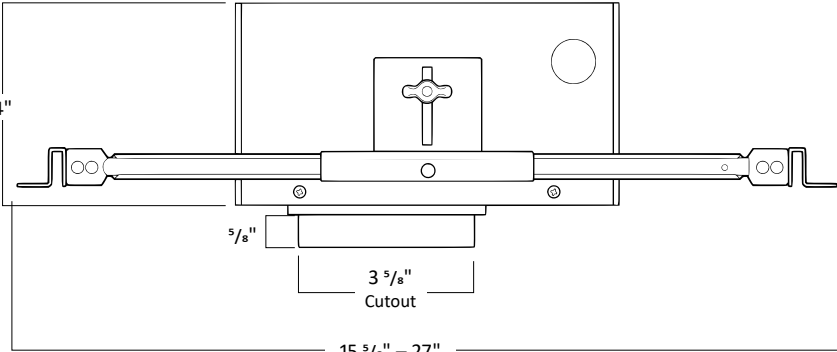
DIFFUSED LENS

• Reduction in lumens by approximately 7%

OPTIONAL FIELD REMOVABLE LENS

• Not suitable for wet locations

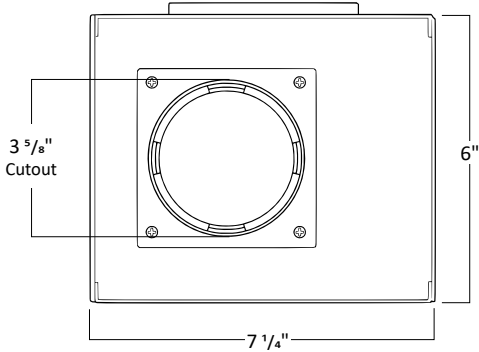• Listed IES files are with no diffused lens

HOUSING DIMENSIONS

4"

⁵/₈"

3 ⁵/₈"
Cutout

15 ⁵/₈" – 27"

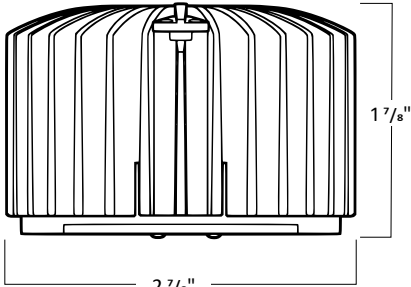*Length modification available upon request

3 ⁵/₈"
Cutout
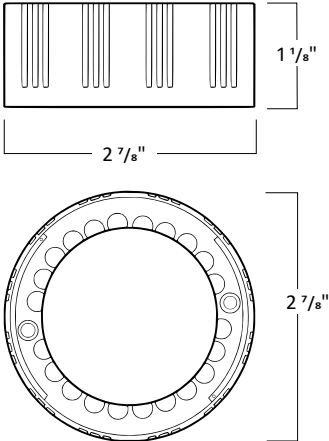
6"
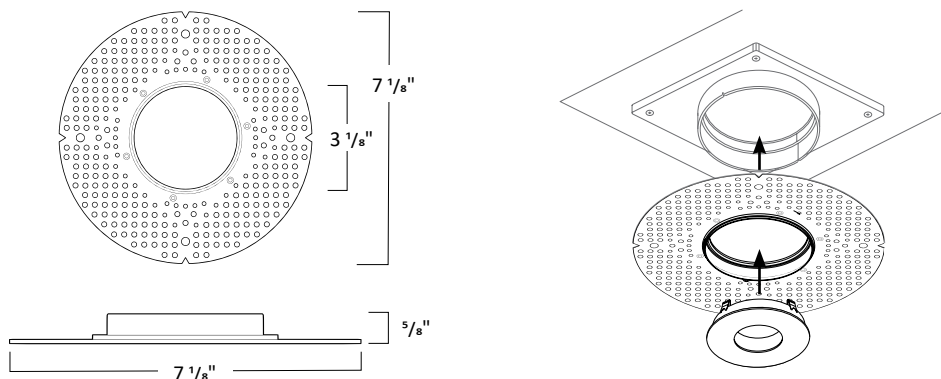
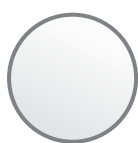7 ¹/₄"

MODULE DIMENSIONS

1 ⁷/₈"

2 ⁷/₈"

Heat Sink

1 ¹/₈"

2 ⁷/₈"

2 ⁷/₈"

Fixed Module Holder

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FLANGELESS PLASTER (LPR)

7 1/8"

3 1/8"

5/8"

7 1/8"

FILTERS

Frosted Filter
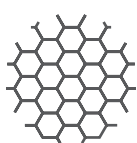
Honey Comb
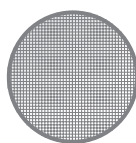
Solite Filter

TRIM DIMENSIONS

3RLP

3 1/8"

1 1/2"

7/8"

1 1/2"

3 1/8"
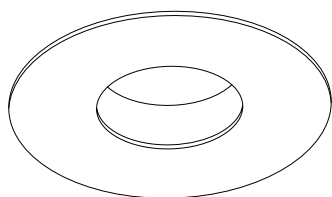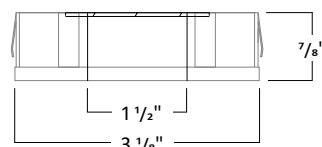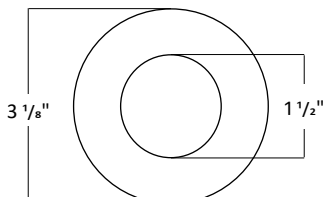
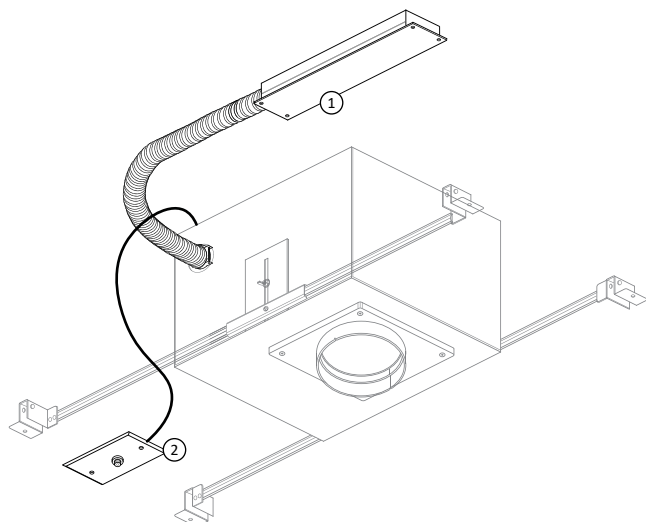**TRIM FINISH**

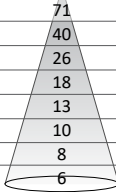White

Black

Bronze

REMOTE 8W EMERGENCY BATTERY

1

2

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.
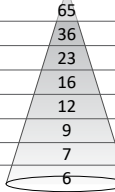
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PHOTOMETRIC DATA

6W - 20°

Throw Distance	Center Beam fc	Beam Width
6 ft	71	2.1 ft
8 ft	40	2.8 ft
10 ft	26	3.4 ft
12 ft	18	4.1 ft
14 ft	13	4.8 ft
16 ft	10	5.5 ft
18 ft	8	6.2 ft
20 ft	6	6.9 ft

Delivered Lumens : 351 lm
Efficiency : 55 lm/W

6W - 25°

Throw Distance	Center Beam fc	Beam Width
6 ft	65	2.6 ft
8 ft	36	3.5 ft
10 ft	23	4.3 ft
12 ft	16	5.2 ft
14 ft	12	6.1 ft
16 ft	9	6.9 ft
18 ft	7	7.8 ft
20 ft	6	8.7 ft

Delivered Lumens : 438 lm
Efficiency : 68 lm/W

6W - 40°

Throw Distance	Center Beam fc	Beam Width
6 ft	35	3.9 ft
8 ft	19	5.2 ft
10 ft	12	6.6 ft
12 ft	9	7.9 ft
14 ft	6	9.2 ft
16 ft	5	10.5 ft
18 ft	4	11.8 ft
20 ft	3	13.1 ft

Delivered Lumens : 476 lm
Efficiency : 74 lm/W

6W - 50°

Throw Distance	Center Beam fc	Beam Width
6 ft	20	5.6 ft
8 ft	11	7.5 ft
10 ft	7	9.3 ft
12 ft	5	11.2 ft
14 ft	4	13.1 ft
16 ft	3	14.9 ft
18 ft	2	16.8 ft
20 ft	2	18.7 ft

Delivered Lumens : 453 lm
Efficiency : 71 lm/W

9W - 20°

Throw Distance	Center Beam fc	Beam Width
6 ft	100	2.1 ft
8 ft	56	2.8 ft
10 ft	36	3.4 ft
12 ft	25	4.1 ft
14 ft	18	4.8 ft
16 ft	14	5.5 ft
18 ft	11	6.2 ft
20 ft	9	6.9 ft

Delivered Lumens : 499 lm
Efficiency : 54 lm/W

9W - 25°

Throw Distance	Center Beam fc	Beam Width
6 ft	91	2.6 ft
8 ft	51	3.5 ft
10 ft	33	4.3 ft
12 ft	23	5.2 ft
14 ft	17	6.1 ft
16 ft	13	6.9 ft
18 ft	10	7.8 ft
20 ft	8	8.7 ft

Delivered Lumens : 624 lm
Efficiency : 68 lm/W

9W - 40°

Throw Distance	Center Beam fc	Beam Width
6 ft	48	3.9 ft
8 ft	27	5.3 ft
10 ft	17	6.6 ft
12 ft	12	7.9 ft
14 ft	9	9.3 ft
16 ft	7	10.6 ft
18 ft	5	11.9 ft
20 ft	4	13.2 ft

Delivered Lumens : 670 lm
Efficiency : 73 lm/W

9W - 50°
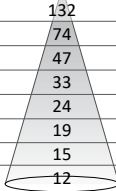
Throw Distance	Center Beam fc	Beam Width
6 ft	28	5.6 ft
8 ft	16	7.5 ft
10 ft	10	9.3 ft
12 ft	7	11.2 ft
14 ft	5	13.1 ft
16 ft	4	14.9 ft
18 ft	3	16.8 ft
20 ft	3	18.7 ft

Delivered Lumens : 641 lm
Efficiency : 70 lm/W

12W - 20°
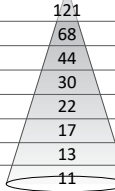
Throw Distance	Center Beam fc	Beam Width
6 ft	132	2.1 ft
8 ft	74	2.7 ft
10 ft	47	3.4 ft
12 ft	33	4.1 ft
14 ft	24	4.8 ft
16 ft	19	5.5 ft
18 ft	15	6.2 ft
20 ft	12	6.9 ft

Delivered Lumens : 662 lm
Efficiency : 54 lm/W

12W - 25°
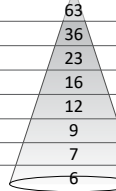
Throw Distance	Center Beam fc	Beam Width
6 ft	121	2.6 ft
8 ft	68	3.5 ft
10 ft	44	4.3 ft
12 ft	30	5.2 ft
14 ft	22	6.1 ft
16 ft	17	6.9 ft
18 ft	13	7.8 ft
20 ft	11	8.7 ft

Delivered Lumens : 829 lm
Efficiency : 67 lm/W

12W - 40°

Throw Distance	Center Beam fc	Beam Width
6 ft	63	3.9 ft
8 ft	36	5.3 ft
10 ft	23	6.6 ft
12 ft	16	7.9 ft
14 ft	12	9.3 ft
16 ft	9	10.6 ft
18 ft	7	11.9 ft
20 ft	6	13.3 ft

Delivered Lumens : 879 lm
Efficiency : 71 lm/W

12W - 50°
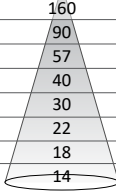
Throw Distance	Center Beam fc	Beam Width
6 ft	37	5.6 ft
8 ft	21	7.5 ft
10 ft	13	9.3 ft
12 ft	9	11.2 ft
14 ft	7	13.1 ft
16 ft	5	14.9 ft
18 ft	4	16.8 ft
20 ft	3	18.7 ft

Delivered Lumens : 844 lm
Efficiency : 69 lm/W

15W - 20°
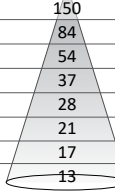
Throw Distance	Center Beam fc	Beam Width
6 ft	160	2.1 ft
8 ft	90	2.7 ft
10 ft	57	3.4 ft
12 ft	40	4.1 ft
14 ft	30	4.8 ft
16 ft	22	5.5 ft
18 ft	18	6.2 ft
20 ft	14	6.9 ft

Delivered Lumens : 802 lm
Efficiency : 52 lm/W

15W - 25°
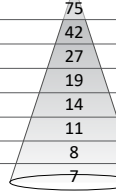
Throw Distance	Center Beam fc	Beam Width
6 ft	150	2.6 ft
8 ft	84	3.5 ft
10 ft	54	4.3 ft
12 ft	37	5.2 ft
14 ft	28	6.1 ft
16 ft	21	6.9 ft
18 ft	17	7.8 ft
20 ft	13	8.7 ft

Delivered Lumens : 1016 lm
Efficiency : 66 lm/W

15W - 40°
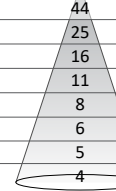
Throw Distance	Center Beam fc	Beam Width
6 ft	75	3.9 ft
8 ft	42	5.3 ft
10 ft	27	6.6 ft
12 ft	19	7.9 ft
14 ft	14	9.3 ft
16 ft	11	10.6 ft
18 ft	8	11.9 ft
20 ft	7	13.3 ft

Delivered Lumens : 1044 lm
Efficiency : 68 lm/W

15W - 50°

Throw Distance	Center Beam fc	Beam Width
6 ft	44	5.6 ft
8 ft	25	7.5 ft
10 ft	16	9.3 ft
12 ft	11	11.2 ft
14 ft	8	13.0 ft
16 ft	6	14.9 ft
18 ft	5	16.8 ft
20 ft	4	18.6 ft

Delivered Lumens : 1013 lm
Efficiency : 66 lm/W