



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 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° before and after dry wall installation.
- Adjustable module may rotate 359° (horizontally) and tilt 35° (vertically), both positions may be locked.
- Adjustable module has dial indicator to determine tilt.

OPTICS AND FILTERS

Optical lens available in 15°, 24°, 36°, 50° and 80°. 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 4-watt emergency battery (E.M.) provides light for a minimum of 90 minutes. E.M. back box is required and is installed by factory. Ceiling access is necessary to service the E.M. unit. E.M. test switch is remote. E.M. is UL924 certified, CEC Title 20 approved, and provides sufficient lumens to comply with NFPA 101 safety code.

MOUNTING

Universal bar hanger (U.H.) is designed to mount to wood (two positions) and T-bar ceilings. U.H. 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 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.



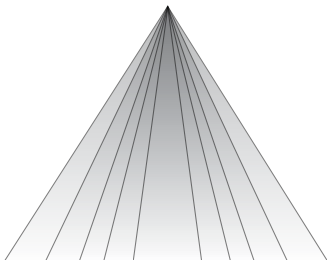
GENERAL PERFORMANCE CHART

*Detailed performance chart may be found on page 2

	6W	9W	12W	15W
Initial Lumens	955	1296	1618	2015
Delivered Lumens	265-447	361-612	455-784	545-971

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

BEAM SPREAD



Available optics: 15° 24° 36° 50° 80°

- 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 9W - 9 Watt 12W - 12 Watt 15W - 15 Watt	ID - Standard All-Inclusive ELV (120V), Triac (120V), and 0–10V (120–277V) Dimming Driver (Intelligent Drive) EEI - eldoLED Eco 1% Dim (0–10V) EDIO - eldoLED Solo 0.1% Dim (0–10V) EDID - eldoLED Solo 0.1% Dim (DALI) PEQ - Lutron Ecosystem 0.1%	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K	15 - 15° 24 - 24° 36 - 36° 50 - 50° 80 - 80°	IC - IC Air-Tight New Construction
Collar	Module Type	Plaster Ring	Frame Accessories	Options	
3CR - 3" Round Collar, 5/8" Height	AMHW - Wall Wash	LPR - Round Plaster Mud-in Ring	UH - Universal Adjustable Bar Hanger	ER8W ¹ - Emergency Battery with Remote Switch (8W) CP - Chicago Plenum	

TRIM ORDERING INFORMATION

Bevel Finish

3RLCW - White Bevel

3RLCB - Black Bevel

3RLCH - Haze Bevel

3RLCBZ - Bronze Bevel

3RLCMTO - Made To Order

Notes

1. Requires ceiling access.

PERFORMANCE CHART

	Optics	15°	24°	36°	50°	80°
6W	Initial Lm	955	955	955	955	955
	Delivered Lm	355	447	440	436	265
9W	Initial Lm	1296	1296	1296	1296	1296
	Delivered Lm	485	612	599	596	361
12W	Initial Lm	1618	1618	1618	1618	1618
	Delivered Lm	613	784	756	756	455
15W	Initial Lm	2015	2015	2015	2015	2015
	Delivered Lm	796	971	944	906	545

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

COLOR TEMPERATURE MULTIPLIER FOR DELIVERED LUMENS

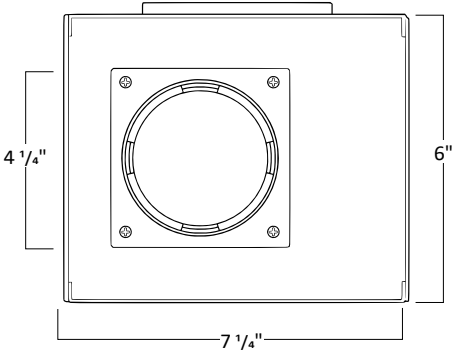
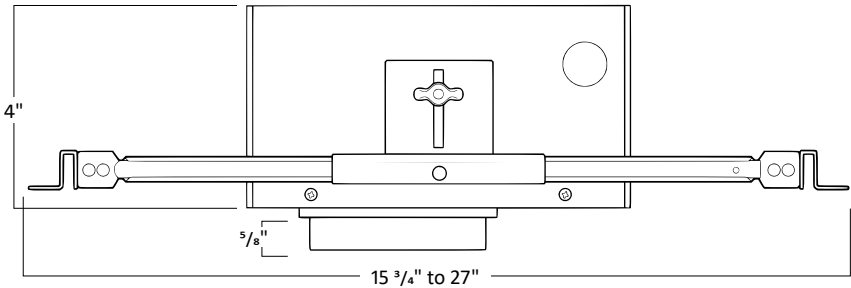
2700K	3000K	3500K	4000K
0.95	1.00	1.04	1.07

DIFFUSED LENS

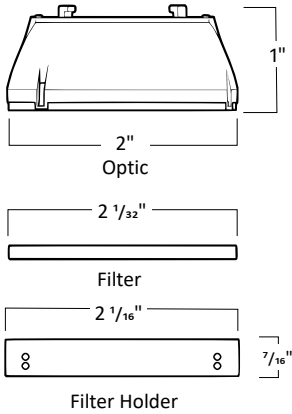
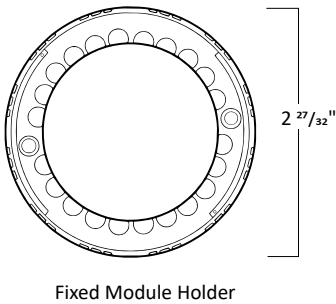
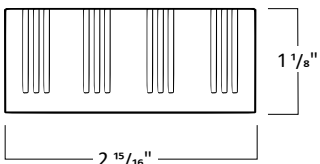
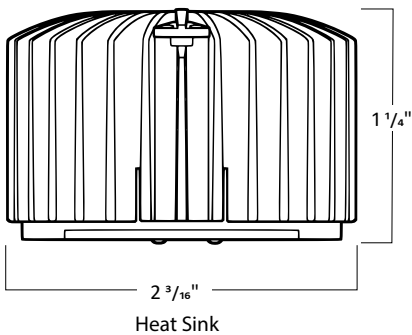


- Listed IES files are with diffused lens

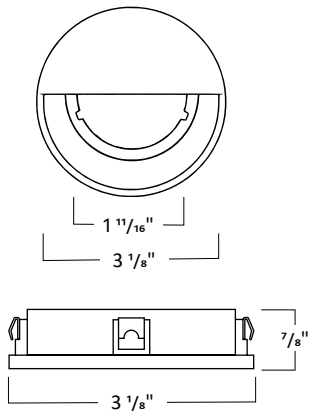
HOUSING DIMENSIONS



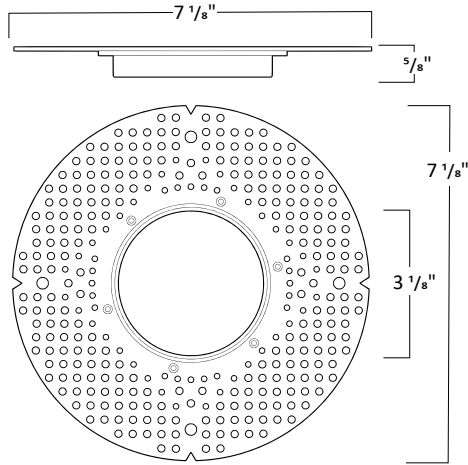
MODULE DIMENSIONS



TRIM DIMENSIONS



Round Wall Wash Trim



Round Plaster Ring

DIMENSIONS WITH EMERGENCY BATTERY

