



GENERAL INFORMATION

USE OF PRODUCT

The 3" Prime Downlight is a small aperture fixture with a super shallow housing height of 2½", which is ideal for residential and commercial applications. Available options include die-cast or spun aluminum trims, various temperatures, optics, and dimmable drivers.

LED ENGINE

LED engine available with CREE LEDs in 2700K, 3000K, 3500K, or 4000K in standard 90+ CRI. 2-step MacAdam ellipse allows for color consistency between fixtures. The LED is mounted to an aluminum heat sink for maximum life output and thermal management. LED engine is accessible from below the ceiling.

FRAME CONSTRUCTION

IC-rated super shallow housing is constructed from a 16-gauge heavy-duty, powder-coated cold-rolled steel frame and includes a junction box with ½" knockouts. Butterfly brackets (included) accommodate adjustable bar hanger (order separately).

ADJUSTMENT

- Housing supports 359° locking rotation.
- Aperture collar compatible up to 1½" ceiling thickness.
- Consult factory for made-to-order aperture collars exceeding 1½".

OPTICAL LENS

Field replaceable optical lenses are available in 12°, 25°, 30°, 40°, 50°, and 70°. Easily achieve narrow spot to wide flood beam pattern.

DIMMING

Available in nine driver selections. (ID) Standard all-inclusive ELV (120V), Triac (120V), and 0-10V (120-277V) dimming driver called Intelligent Drive, (EEI) eldoLED 1% Dim 0-10V, (EEIS) eldoLED 1% Dim 0-10V (120-277V) and Triac (120V), (EDIO) eldoLED 0.1 Dim 0-10V, (EDID) eldoLED 0.1% Dim DALI, (EDD) eldoLED 1% Dim DALI2.

TRIM

Flange trims available in die-cast or spun aluminum. Trim includes standard frosted acrylic diffuser. Remove standard frosted acrylic diffuser in field for 7% lumens increase. Consult factory for made-to-order finishes. Wet location for bathrooms and showers with standard lens on trim.

EMERGENCY BATTERY

Optional 8W Emergency Battery (EM) available in 8W (~800 lm) available for a minimum of 90 minutes. Ceiling access is required to replace the EM unit

LABELS/COMPLIANCE/WARRANTY

- CSA listed for US and Canada.
- Energy Star certified product.
- Dry/Damp/Wet location rated.
- State of California Title 24 and JA8 compliant.
- 5-year limited warranty.



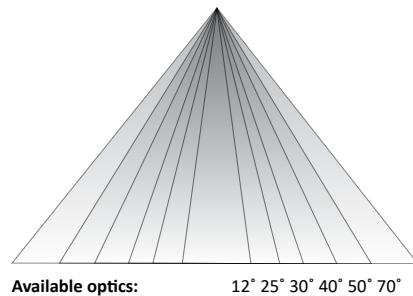
GENERAL PERFORMANCE CHART

*Detailed performance chart may be found on page 3

	6W	9W	12W	15W
Initial Lumens	657/955	890/1296	1122/1618	1267/2015
Delivered Lumens	586-755	794-1038	999-1319	1060-1642

* Values are listed at 3000K, 90+ CRI with a white bevel & 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

PRIME FAMILY OF PRODUCTS



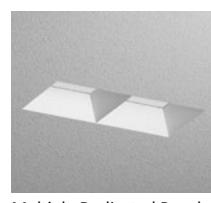
Downlight



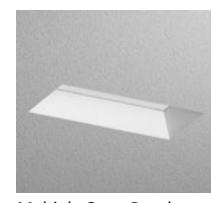
TechZone®



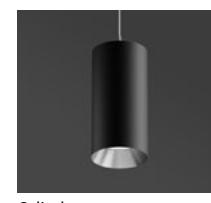
WoodWorks®



Multiple Dedicated Bevel



Multiple Open Bevel



Cylinder



Square Luminaire

ORDERING INFORMATION

Series	Wattage	Dimming	Color Temperature	Optical Lens	Filter
RPA3S	6W - 6 Watt	ID ¹ - Standard All-Inclusive ELV, Triac, and 0-10V Dimming Driver (Intelligent Drive)	27K - 2700K	12 ² - 12°	Blank - None
	9W - 9 Watt		30K - 3000K	25 - 25°	F - Frosted Filter
	12W - 12 Watt	EEI ² - eldoLED 1% Dim (0-10V)	35K - 3500K	30 - 30°	H - Honey Comb
	15W - 15 Watt	EEIS ² - eldoLED 1% Dim 0-10V (120-277V), Triac (120V), Max 20W	40K - 4000K	40 - 40°	S - Solite Filter
		EDIO ² - eldoLED 0.1% Dim (0-10V)		50 - 50°	L - Linear Filter
		EDID ² - eldoLED 0.1% Dim (DALI)			
		EDD ² - eldoLED 1% Dim (DALI2)		70 - 70°	

Housing Type	Collar	Frame Accessories	Options
IC - IC Super Shallow New Construction	CR15 - 1.5" Depth MTO - Made To Order	AH - Adjustable Bar Hanger	ER8W ⁴ - Emergency Battery with Remote test switch (800 lm) CP - Chicago Plenum

TRIM ORDERING INFORMATION

DIE-CAST

Bevel / Flange Finish	Trim Type	Bevel	Flange	Notes
May be mixed and matched				
3" Round Flange Open Large	3RFO-CL	W - White	W - White	1. Intelligent Drive is the standard driver.
	3RFO-CL	B - Black	B - Black	2. Must specify logarithmic or linear eldoLED diver.
	3RFO-CL	H - Haze	BZ - Bronze	3. 12" spread without lens on trim.
	3RFO-CL	BZ - Bronze	MTO - Made To Order	4. Ceiling access is required to replace the EM unit.
	3RFO-CL	MTO - Made To Order		
3" Round Flange Open Small	3RFO-CS	W - White	W - White	
	3RFO-CS	B - Black	B - Black	
	3RFO-CS	H - Haze	BZ - Bronze	
	3RFO-CS	BZ - Bronze	MTO - Made To Order	
	3RFO-CS	MTO - Made To Order		

SPUN ALUMINUM (SELF-FLANGED)

Bevel / Flange Finish	Trim Type	Self-Flanged
3" Round Flange Open Large	3RFO-AL	H - Haze
	3RFO-AL	C - Clear
	3RFO-AL	MTO - Made To Order
3" Round Flange Open Small	3RFO-AS	H - Haze
	3RFO-AS	C - Clear
	3RFO-AS	MTO - Made To Order

PERFORMANCE CHART

Optics	12°	25°	30°	40°	50°	70°
6W	Initial Lumens 657	955	955	955	955	955
	Delivered Lumens 586	718	755	754	726	602
	UGR 13.5	13	16.4	19.1	21	
9W	Initial Lumens 890	1296	1296	1296	1296	1296
	Delivered Lumens 794	978	1034	1038	984	825
	UGR 14.6	14.3	17.7	19.6	22.3	
12W	Initial Lumens 1122	1618	1618	1618	1618	1618
	Delivered Lumens 999	1225	1314	1319	1238	1051
	UGR 15.2	15.1	18.3	21.2	22.9	
15W	Initial Lumens 1267	2015	2015	2015	2015	2015
	Delivered Lumens 1060	1470	1628	1642	1565	1227
	UGR 15.9	15.8	19	21.9	23.6	

* Values are listed at 3000K, 90+ CRI with a white bevel & trim.

Notes

1. 12° spread without lens on trim

COLOR TEMPERATURE MULTIPLIER FOR DELIVERED LUMENS

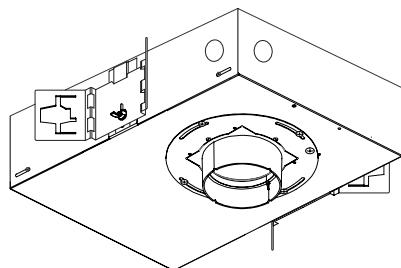
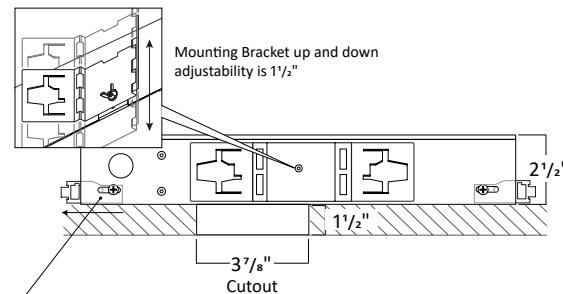
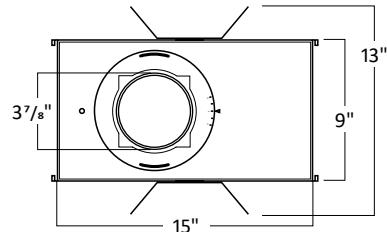
2700K	3000K	3500K	4000K
0.95	1.00	1.04	1.07

DIFFUSED LENS

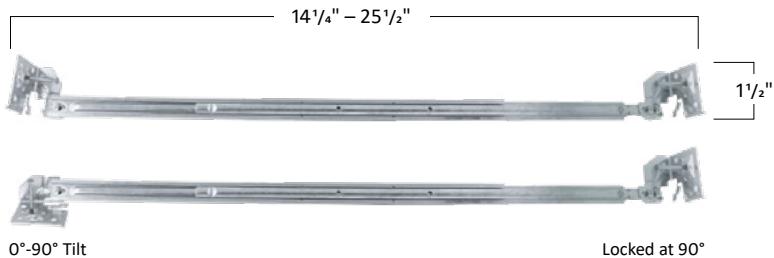
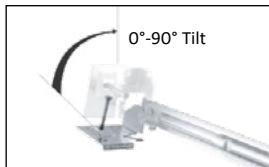
- Listed IES files are with diffused lens

OPTIONAL FIELD REMOVABLE LENS

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

HOUSING DIMENSIONS**IC** - IC Super Shallow New ConstructionExtendable Ceiling Mount Bracket
(Compatible with Universal Bar Hanger)

1. Consult factory for Made to Order collar height
2. Allow $1/8$ " tolerance

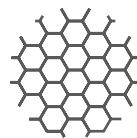
FRAME ACCESSORIES**AH** - Adjustable Bar Hanger

0°-90° Tilt

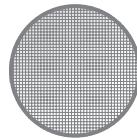
Locked at 90°

FILTERS

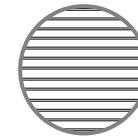
Frosted Filter



Honey Comb



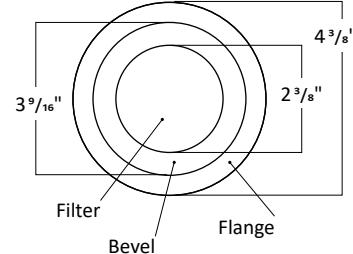
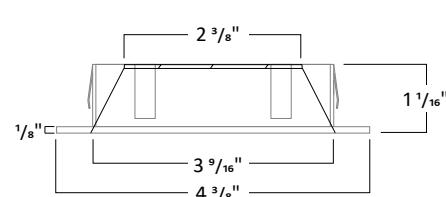
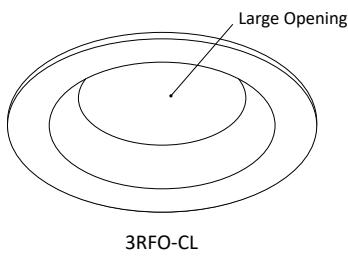
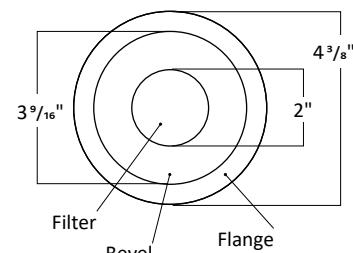
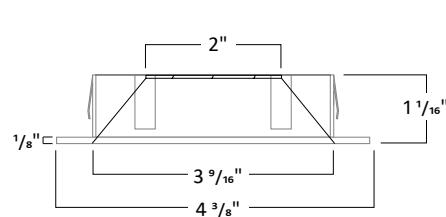
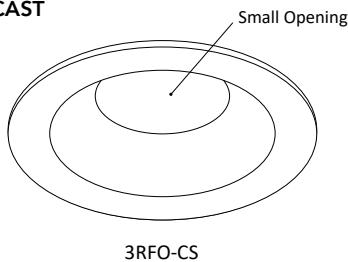
Solite Filter



Linear Filter

TRIM DIMENSIONS

DIE-CAST



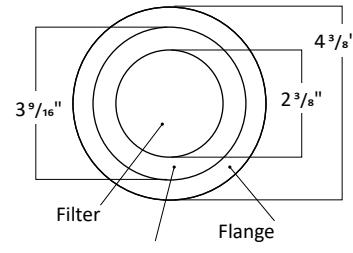
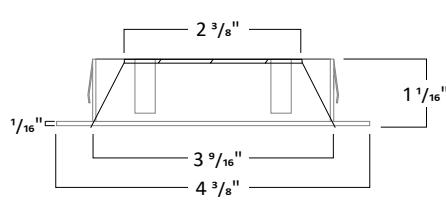
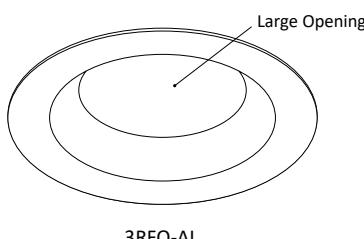
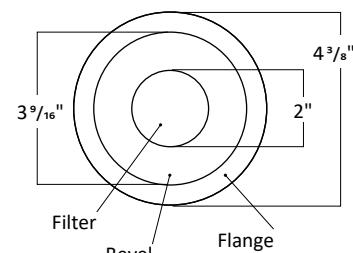
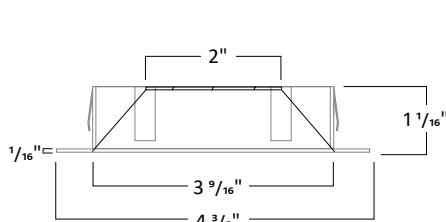
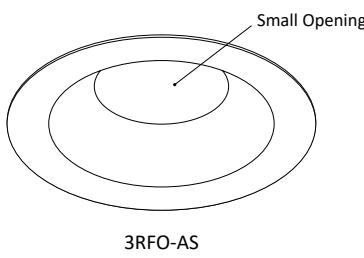
TRIM FINISH

May be mixed and matched



*Consult Factory for Made to Order Finishes

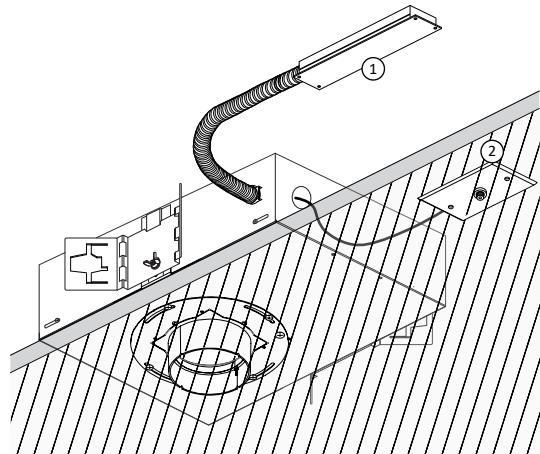
SPUN ALUMINUM (SELF-FLANGED)



TRIM FINISH



*Consult Factory for Made to Order Finishes

REMOTE EMERGENCY BATTERY**IC - Super Shallow New Construction**

ER8W is an 8W Emergency Battery that is remote to the fixture with a remote test switch. Ceiling access is required for replacement purposes

1. Remote Emergency Battery
2. Remote Test Switch