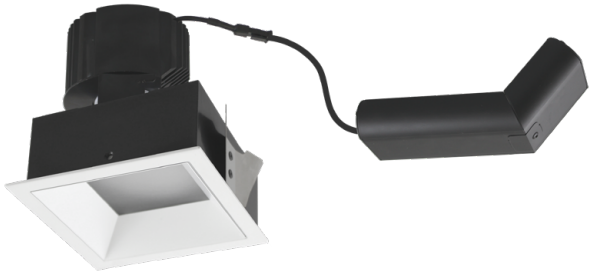
PRIME

3" LED ARCHITECTURAL SQUARE FLANGE DOWNLIGHT
REMODEL



GENERAL INFORMATION

USE OF PRODUCT
The 3" Prime Downlight is a small aperture fixture which is ideal for residential and commercial applications. Available options include die-cast trims, various color temperatures, optics, filters, and dimmable drivers.

LED ENGINE
LED engine available 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.

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.

ADJUSTMENT
Supports 359° locking rotation.

DIMMING
Available in five driver selections. (ID) Standard all-inclusive ELV (120V), Triac (120V), and 0–10V (120–277V) dimming driver called Intelligent Drive. (EEIS) eldoLED 1% Dim 0-10V (120-277V), Triac (120V), Max 20W. (EDIO) eldoLED 0.1% Dim (0–10V), 120–277V. (EDID) eldoLED 0.1% Dim (DALI). (EDD) eldoLED 1% Dim (DALI2). Drivers are accessible from below the ceiling.

TRIM
Flange trims available in die-cast and 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 Emergency Battery (EM) available in 8W (≈800 lm), or 15W (≈1,500 lm) available for a minimum of 90 minutes. EM is replaceable from below the ceiling.

LABELS/COMPLIANCE/WARRANTY
- CSA listed for US and Canada
- Dry/Damp/Wet location rated
- 5-year limited warranty

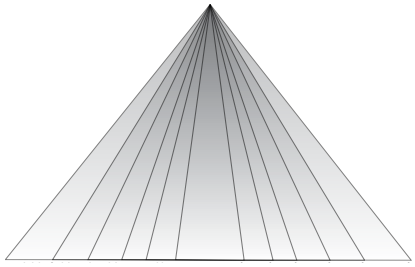
GENERAL PERFORMANCE CHART

*Detailed performance chart may be found on page 3

	6W	9W	12W	15W	20W	24W	28W	32W
Initial Lumens	657/955	890/1296	1122/1618	1267/2015	1485/2422	2799	3128	3405
Delivered Lumens	586-755	794-1038	999-1319	1060-1642	1244-1985	1713-2296	1914-2569	2080-2785

* 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



Available optics: 12˚ 25˚ 30˚ 40˚ 50˚ 70˚

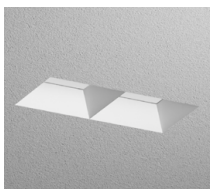
- Field replaceable TIR optics
- Easily achieve narrow spot to wide flood beam pattern
- Optional filters available upon request

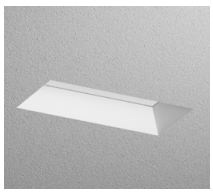
PRIME FAMILY OF PRODUCTS


Downlight

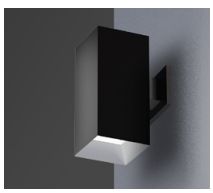

TechZone®


WoodWorks®


Multiple Dedicated Bevel


Multiple Open Bevel


Cylinder


Square Luminaire

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PRIME

3" LED ARCHITECTURAL SQUARE FLANGE DOWNLIGHT
REMODEL

ORDERING INFORMATION

Series	Wattage	Dimming	Color Temperature	Optical Lens	Filter
RPA3	**6W** - 6 Watt	**ID**[1] - Standard All-Inclusive ELV(120V), Triac(120V), and 0-10V(120-277V) Dimming Driver (Intelligent Drive)	**27K** - 2700K	**12**[4,5]- 12°	**None** - Included
	9W - 9 Watt		**30K** - 3000K	**25** - 25°	**F** - Frosted Filter
	12W - 12 Watt		**35K** - 3500K	**30** - 30°	**H** - Honey Comb
	15W - 15 Watt	**EEIS**[2,3] - eldoLED 1% Dim 0–10V (120-127V), Triac (120V)	**40K** - 4000K	**40** - 40°	**S** - Solite Filter
	20W - 20 Watt	**EDIO**[2] - eldoLED 0.1% Dim (0–10V)		**50** - 50°	**L** - Linear Filter
	24W - 24 Watt	**EDID**[2] - eldoLED 0.1% Dim (DALI)		**70** - 70°	
	28W - 28 Watt	**EDD**[2] - eldoLED 1% Dim (DALI2)			
	32W - 32 Watt				

Housing Type	Module Type	Options
FRS - Remodel Square	**FMH** - Downlight	**ER8WR** - 8W Remote Emergency Battery with Remote Test Switch (800 lm)
		ER15WR - 15W Remote Emergency Battery with Remote Test Switch (1,500 lm)

TRIM ORDERING INFORMATION

Bevel / Flange Finish
May be mixed and matched

	Trim Type	Bevel	Flange
3" Square Flange Regress Small Opening	3SFO-CS	**W** - White	**W** - White
	3SFO-CS	**B** - Black	**B** - Black
	3SFO-CS	**H** - Haze	**BZ** - Bronze
	3SFO-CS	**BZ** - Bronze	**MTO** - Made To Order
	3SFO-CS	**MTO** - Made To Order	
3" Square Flange Regress Large Opening	3SFO-CL	**W** - White	**W** - White
	3SFO-CL	**B** - Black	**B** - Black
	3SFO-CL	**H** - Haze	**BZ** - Bronze
	3SFO-CL	**BZ** - Bronze	**MTO** - Made To Order
	3SFO-CL	**MTO** - Made To Order	

Notes
1. Intelligent Drive is the standard driver
2. Must specify logarithmic or linear eldoLED diver
3. Available up to 20W only
4. 12° available up to 20W
5. 12° spread without lens on trim

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PRIME

3" LED ARCHITECTURAL SQUARE FLANGE DOWNLIGHT
REMODEL

PERFORMANCE CHART

	Optics	[1] 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
20W	Initial Lumens	1485	2422	2422	2422	2422	2422
	Delivered Lumens	1244	1778	1967	1985	1895	1482
	UGR		16.6	16.4	19.7	22.5	24.3
24W	Initial Lumens		2799	2799	2799	2799	2799
	Delivered Lumens		2107	2273	2296	2193	1713
	UGR		17.4	17	20.2	23.1	24.8
28W	Initial Lumens		3128	3128	3128	3128	3128
	Delivered Lumens		2343	2542	2569	2458	1914
	UGR		17.7	17.3	20.6	23.6	25.2
32W	Initial Lumens		3405	3405	3405	3405	3405
	Delivered Lumens		2544	2768	2785	2679	2080
	UGR		18	17.7	20.9	23.9	25.4

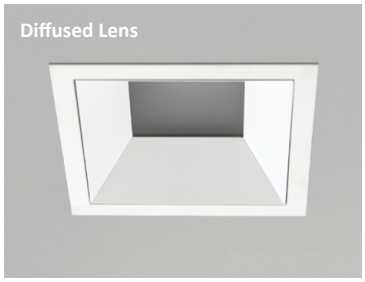
* Values are listed at 3000K, 90+ CRI with a white bevel & trim.

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

3SFO-CS REGRESS SMALL OPENING

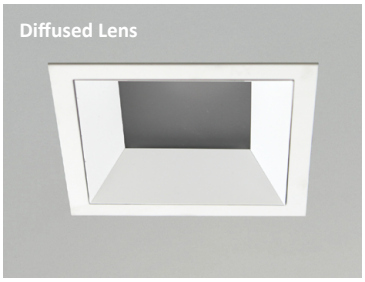


- IES files are based on the large opening trim with diffused lens.

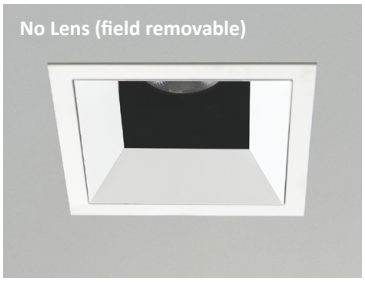


- Not suitable for wet locations
- Increase in lumens by approximately 7%

3SFO-CL REGRESS LARGE OPENING



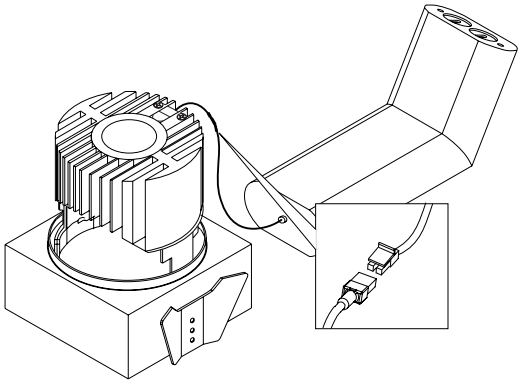
- IES files are based on the large opening trim with diffused lens.

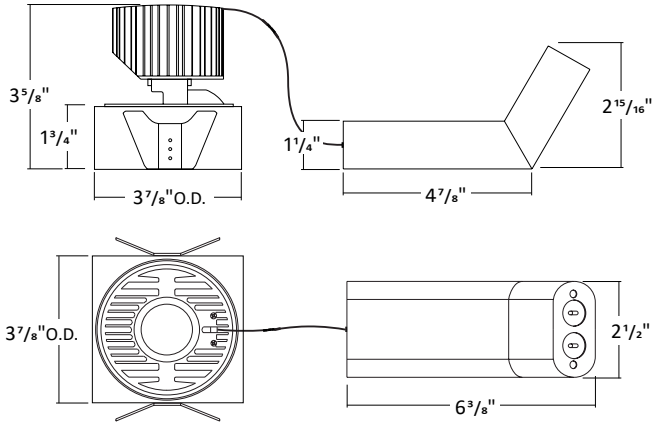


- Not suitable for wet locations
- Increase in lumens by approximately 7%

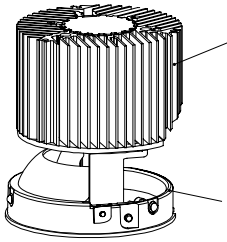
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REMODEL HOUSING DIMENSIONS

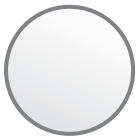




LED MODULE



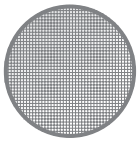
FILTERS



Frosted Filter



Honey Comb

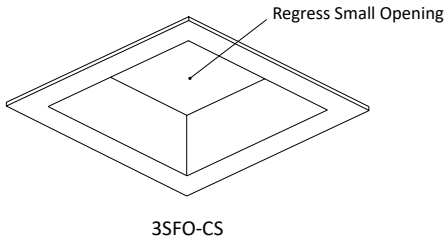


Solite Filter

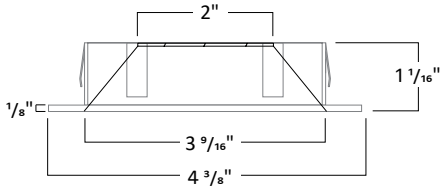


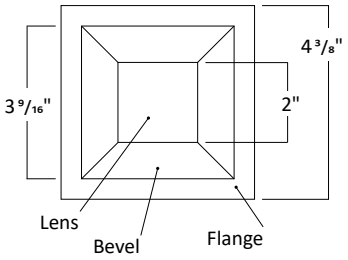
Linear Filter

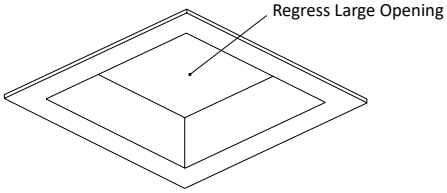
TRIM DIMENSIONS



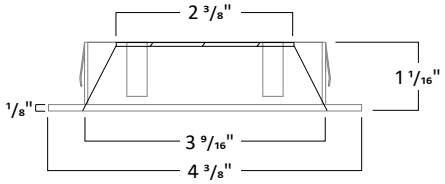
3SFO-CS

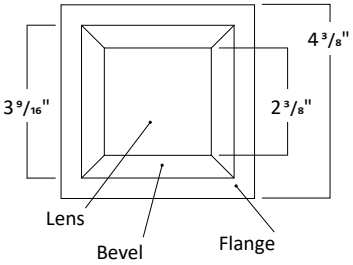






3SFO-CL



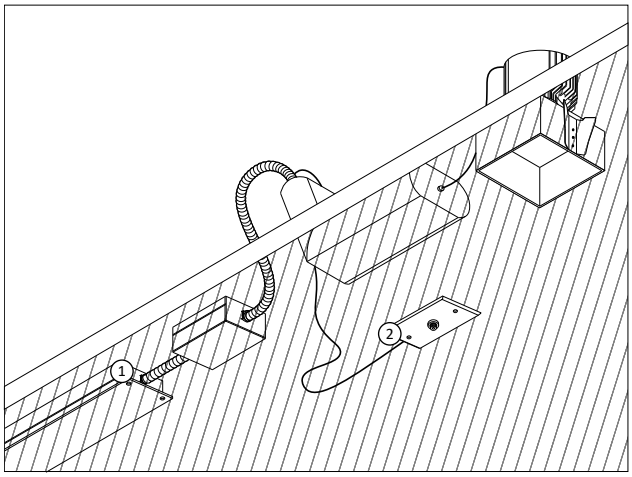


TRIM FINISH
May be mixed and matched

White | Black | Haze | Bronze

*Consult Factory for Made to Order Finishes

REMOTE EMERGENCY BATTERY WITH REMOTE TEST SWITCH



ER8WR and **ER15WR** is an 8W and 15W Emergency Battery that is remote to the fixture with a remote test switch. The EM unit is accessible from below the ceiling for replacement purposes.

1. Remote Emergency Battery
2. Remote Test Switch

EMERGENCY BATTERY NOTICE

Emergency battery backup units are shipped in a partially discharged state. Upon receipt, fixtures should be installed and connected to a continuous, unswitched AC power source immediately and charged for a minimum of 24 hours before testing or emergency operation. Delayed installation or failure to charge the battery promptly may result in reduced battery capacity or premature battery failure and is not covered under warranty.

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