PRIME

4" LED ARCHITECTURAL ROUND FLANGE DOWNLIGHT
REMODEL



GENERAL INFORMATION

USE OF PRODUCT
The 4" Prime Downlight is an ideal fixture 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 15°, 24°, 30°, 35°, 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 with remote or integral test switch. 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

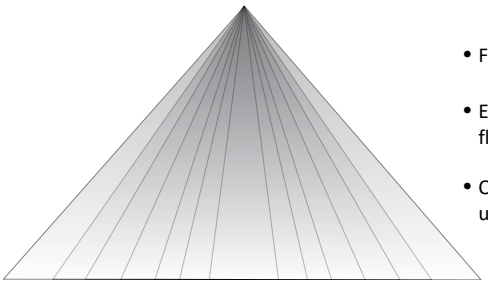
GENERAL PERFORMANCE CHART

*Detailed performance chart may be found on page 3

	6W	9W	12W	15W	20W	24W	28W	32W	33W	35W	40W	48W
Initial Lumens	955	1296	1618	2015	2422	2799	3128	3405	4090	4626	4967	5786
Delivered Lumens	650-829	891-1135	1129-1436	1404-1744	1706-2122	1986-2470	2245-2868	2474-3096	2877-3383	3177-3736	3462-4072	4017-4723

* 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: 15˚ 24˚ 30˚ 35˚ 40˚ 50˚ 70˚

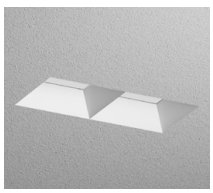
- Field replaceable TIR optics
- Easily achieve narrow spot to wide flood beam pattern
- Optional filters available upon request

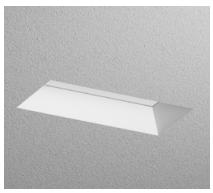
PRIME FAMILY OF PRODUCTS


Downlight

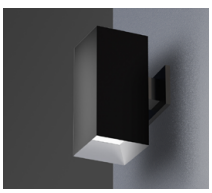

TechZone®


WoodWorks®


Multiple Dedicated Bevel


Multiple Open Bevel


Cylinder


Square Luminaire

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PRIME

4" LED ARCHITECTURAL ROUND FLANGE DOWNLIGHT
REMODEL

ORDERING INFORMATION

Series	Wattage	Dimming	Color Temperature	Optical Lens	Filter
RPA4	**6W** - 6 Watt	**ID**[1] - Standard All-Inclusive ELV(120V), Triac(120V), and 0-10V(120-277V) Dimming Driver (Intelligent Drive)	**27K** - 2700K	**15**[4,5] - 15°	**None** - Included
	9W - 9 Watt		**30K** - 3000K	**24**[5] - 24°	**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	**35** - 35°	**S** - Solite Filter
	20W - 20 Watt	**EDIO**[2] - eldoLED 0.1% Dim (0–10V)		**40** - 40°	**L** - Linear Filter
	24W - 24 Watt	**EDID**[2] - eldoLED 0.1% Dim (DALI)		**50** - 50°	
	28W - 28 Watt	**EDD**[2] - eldoLED 1% Dim (DALI2)		**70** - 70°	
	32W - 32 Watt				
	33W - 33 Watt				
	35W - 35 Watt				
	40W - 40 Watt				
	48W - 48 Watt				

Housing Type	Module Type	Options
FRR - Remodel Round	**FMH** - Downlight	**ER8WR** - 8W Remote Emergency Battery with Remote Test Switch (800 lm) **ER8WI** - 8W Remote Emergency Battery with Integral Test Switch (800 lm) **ER15WR** - 15W Remote Emergency Battery with Remote Test Switch (1,500 lm) **ER15WI** - 15W Remote Emergency Battery with Integral Test Switch (1,500 lm)

TRIM ORDERING INFORMATION

Bevel / Flange Finish
May be mixed and matched

	Trim Type	Bevel	Flange
4" Round Flange Regress Large Opening	4RFO-CL	**W** - White	**W** - White
	4RFO-CL	**B** - Black	**B** - Black
	4RFO-CL	**H** - Haze	**MTO** - Made To Order
	4RFO-CL	**WE** - Wheat	
	4RFO-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. 15° Available in 6W-32W only
5. 15° and 24° spread without lens on trim

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4" LED ARCHITECTURAL ROUND FLANGE DOWNLIGHT
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PERFORMANCE CHART

	Optics	[1,2]15°	[2]24°	30°	35°	40°	50°	70°
6W	Initial Lumens	955	955	955	955	955	955	955
	Delivered Lumens	803	829	748	771	785	713	650
	UGR			11.6	11.1	13.1	17.6	21.7
9W	Initial Lumens	1296	1296	1296	1296	1296	1296	1296
	Delivered Lumens	1097	1135	1022	1055	1073	971	891
	UGR			13.1	12.4	14.5	19	23.1
12W	Initial Lumens	1618	1618	1618	1618	1618	1618	1618
	Delivered Lumens	1387	1436	1285	1332	1347	1217	1129
	UGR			13.8	13	15	19.6	23.7
15W	Initial Lumens	2015	2015	2015	2015	2015	2015	2015
	Delivered Lumens	1632	1744	1591	1644	1659	1481	1404
	UGR			14.5	13.8	15.7	20.3	24.4
20W	Initial Lumens	2422	2422	2422	2422	2422	2422	2422
	Delivered Lumens	1976	2122	1933	2002	2017	1803	1706
	UGR			15.2	14.5	16.4	21	25.1
24W	Initial Lumens	2799	2799	2799	2799	2799	2799	2799
	Delivered Lumens	2300	2470	2243	2333	2346	2101	1986
	UGR			15.7	15	17	21.5	25.6
28W	Initial Lumens	3128	3128	3128	3128	3128	3128	3128
	Delivered Lumens	2820	2868	2519	2633	2646	2371	2245
	UGR			16.1	15.4	17.4	21.9	26
32W	Initial Lumens	3405	3405	3405	3405	3405	3405	3405
	Delivered Lumens	2921	3096	2777	2902	2915	2614	2474
	UGR			16.5	15.8	17.7	22.3	26.3
33W	Initial Lumens		4090		4090	4090	4090	4090
	Delivered Lumens		3518		3278	3383	3345	2877
	UGR				19.4	18.3	19.6	25.8
35W	Initial Lumens		4626		4626	4626	4626	4626
	Delivered Lumens		3879		3618	3736	3710	3177
	UGR				19.8	18.7	19.9	26.2
40W	Initial Lumens		4967		4967	4967	4967	4967
	Delivered Lumens		4218		3941	4072	4058	3462
	UGR				20	19	20.2	26.4
48W	Initial Lumens		5765		5765	5765	5765	5765
	Delivered Lumens		4887		4570	4723	4718	4017
	UGR				20.6	19.5	20.7	27

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

Notes
1. Available in 6W-32W only
2. 15° and 24° spread without lens on trim

COLOR TEMPERATURE MULTIPLIER FOR DELIVERED LUMENS

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

4RFO-CL REGRESS LARGE OPENING



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



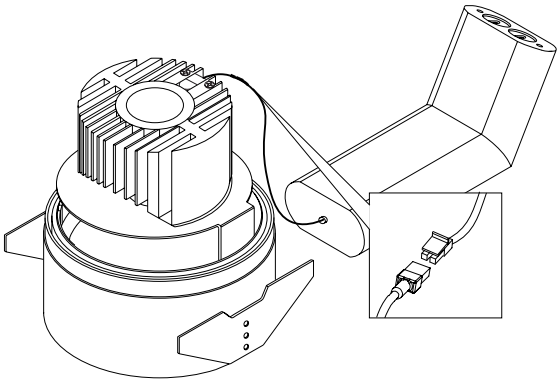
- Not suitable for wet locations
- Increase in lumens by approximately 7%

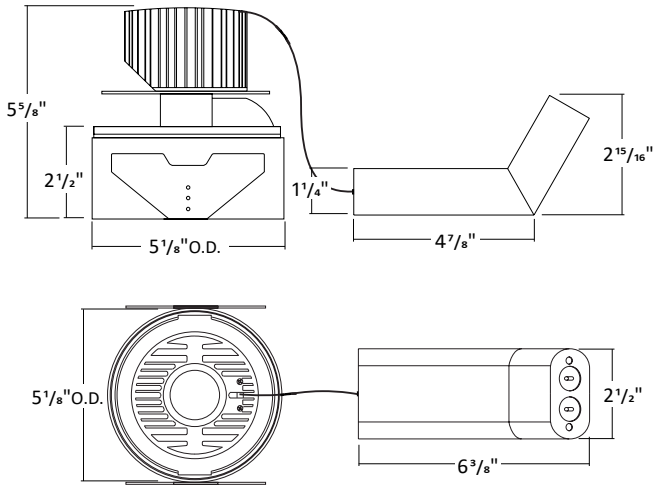
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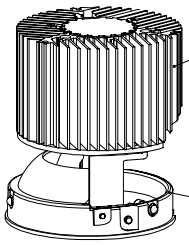
4" LED ARCHITECTURAL ROUND FLANGE DOWNLIGHT
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REMODEL HOUSING DIMENSIONS

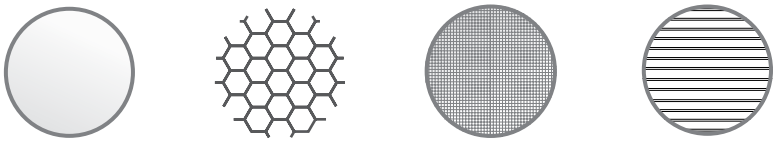




LED MODULE



FILTERS



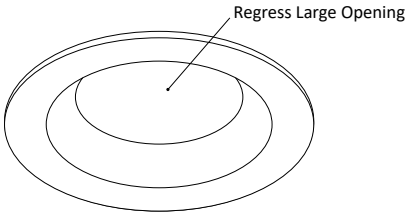
Frosted Filter | Honey Comb | Solite Filter | Linear Filter

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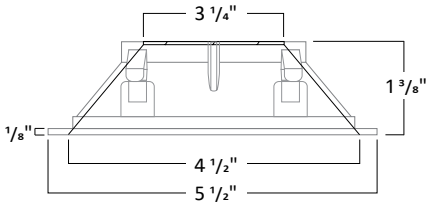
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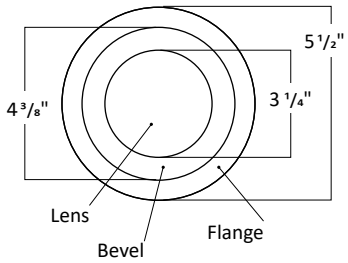
4" LED ARCHITECTURAL ROUND FLANGE DOWNLIGHT
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TRIM DIMENSIONS



4RFO-CL



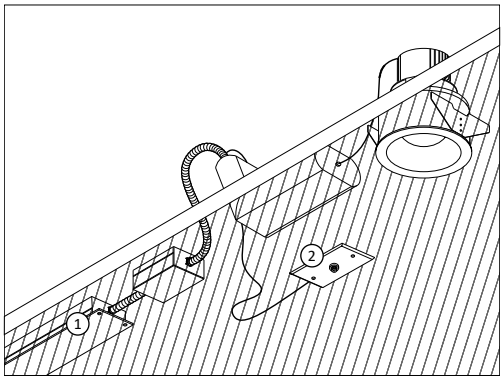


TRIM FINISH

White | Black | Haze | Wheat

*Consult Factory for Made to Order Finishes

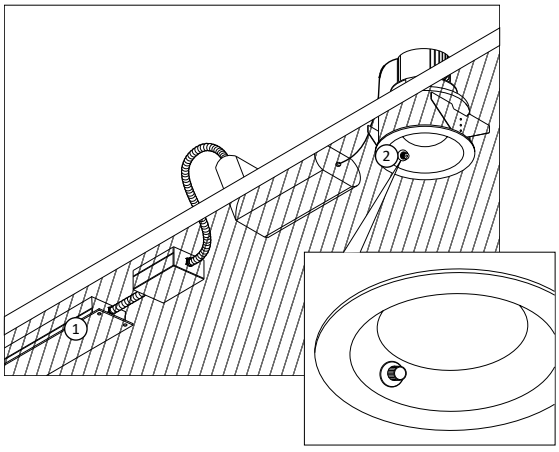
REMOTE EMERGENCY BATTERY WITH REMOTE TEST SWITCH



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

REMOTE EMERGENCY BATTERY WITH INTEGRAL TEST SWITCH



ER8WI and **ER15WI** is an 8W and 15W Emergency Battery that is remote to the fixture with an integral test switch. The EM unit is accessible from below the ceiling for replacement purposes.

1. Remote Emergency Battery
2. Integral 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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