# PRIME

4" LED ARCHITECTURAL SQUARE 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

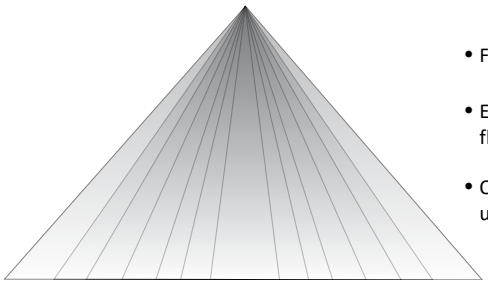
## GENERAL PERFORMANCE CHART

*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˚

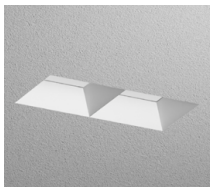
- Field replaceable TIR optics
- Easily achieve narrow spot to wide flood beam pattern
- Optional filters available upon request

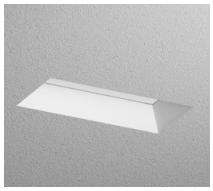
## PRIME FAMILY OF PRODUCTS


Downlight

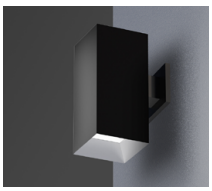

TechZone®


WoodWorks®


Multiple Dedicated Bevel


Multiple Open Bevel


Cylinder


Square Luminaire

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# PRIME

4" LED ARCHITECTURAL SQUARE 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 |
|---|---|---|
| **FRS** - Remodel Square | **FMH** - Downlight | **ER8WR** - 8W Remote Emergency Battery with Remote Test Switch (800 lm)<br>**ER8WI** - 8W Remote Emergency Battery with Integral Test Switch (800 lm)<br>**ER15WR** - 15W Remote Emergency Battery with Remote Test Switch (1,500 lm)<br>**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" Square Flange Regress Large Opening | 4SFO-CL | **W** - White | **W** - White |
| | 4SFO-CL | **B** - Black | **B** - Black |
| | 4SFO-CL | **H** - Haze | **MTO** - Made To Order |
| | 4SFO-CL | **WE** - Wheat | |
| | 4SFO-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 SQUARE 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 |

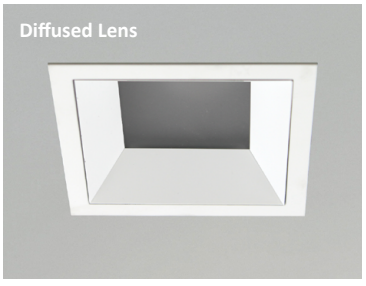
* Values are listed at 3000K, 90+ CRI with a white bevel & trim.

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

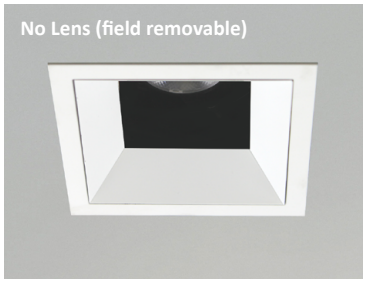
## COLOR TEMPERATURE MULTIPLIER FOR DELIVERED LUMENS

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

## 4SFO-CL REGRESS LARGE OPENING




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



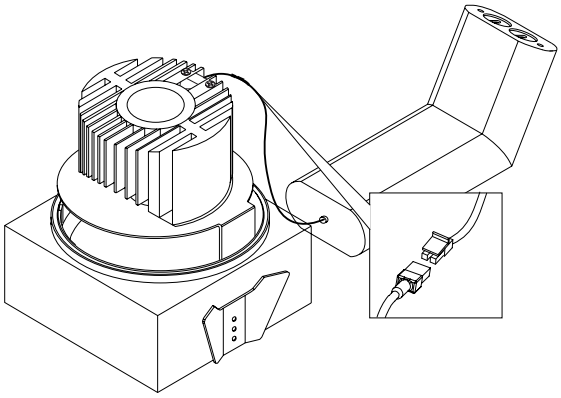

- Not suitable for wet locations
- Increase in lumens by approximately 7%

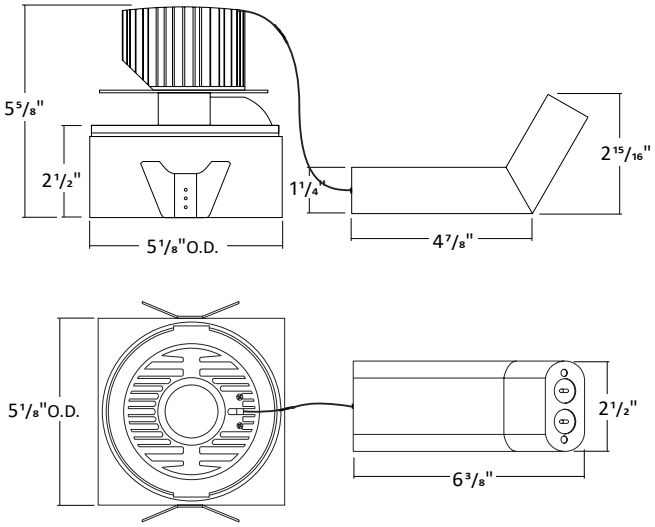
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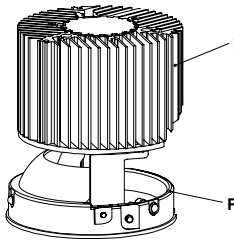
4" LED ARCHITECTURAL SQUARE FLANGE DOWNLIGHT
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## REMODEL HOUSING DIMENSIONS

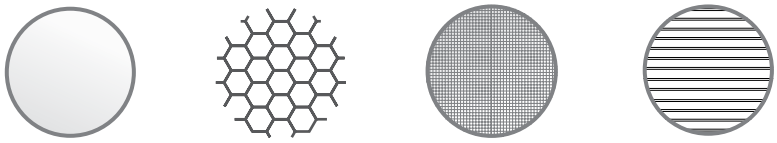





## LED MODULE




## FILTERS



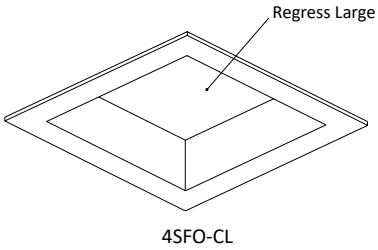
Frosted Filter | Honey Comb | Solite Filter | Linear Filter

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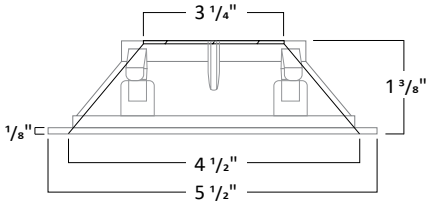
# PRIME

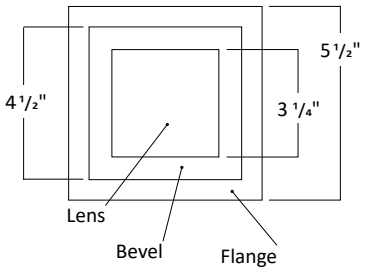
4" LED ARCHITECTURAL SQUARE FLANGE DOWNLIGHT
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## TRIM DIMENSIONS




4SFO-CL



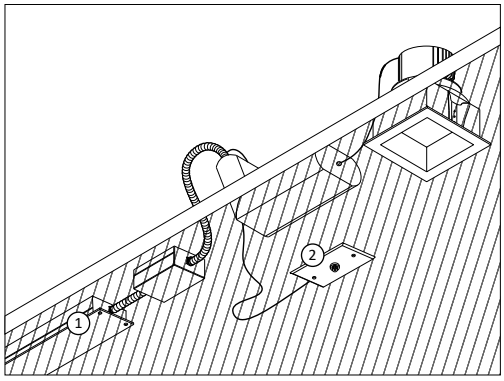

**TRIM FINISH**



White | Black | Haze | Wheat

*Consult Factory for Made to Order Finishes

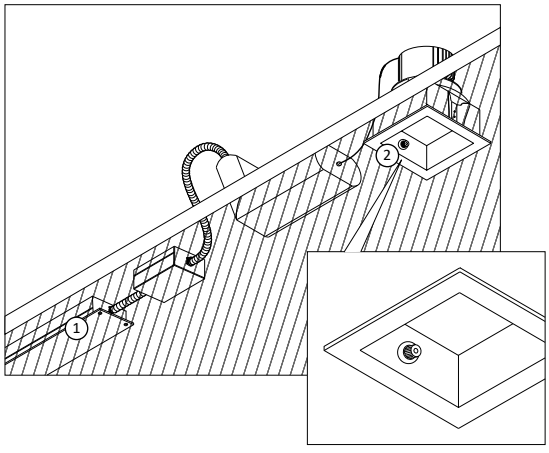
## REMOTE EMERGENCY BATTERY WITH REMOTE TEST SWITCH




**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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