

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 4W (≈400 lm), 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



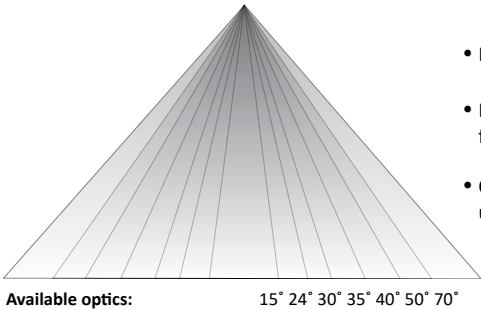
GENERAL PERFORMANCE CHART

*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



- 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

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	ER4W - Emergency Battery with Remote Test Switch (400 lm) EI4W - Emergency Battery with Integral Test Switch (400 lm) ER8W - Emergency Battery with Remote Test Switch (800 lm) EI8W - Emergency Battery with Integral Test Switch (800 lm) ER15W - Emergency Battery with Remote Test Switch (1500 lm) EI15W - Emergency Battery with Integral Test Switch (1500 lm)

TRIM ORDERING INFORMATION

Bevel / Flange Finish		Trim Type	Bevel	Flange
May be mixed and matched	4" Square Flange Open	4SFO-CL	W - White	W - White
		4SFO-CL	B - Black	B - Black
		4SFO-CL	H - Haze	MTO - Made To Order
		4SFO-CL	C - Clear	
		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

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
9W	Initial Lumens	1296	1296	1296	1296	1296	1296	1296
	Delivered Lumens	1097	1135	1022	1055	1073	971	891
12W	Initial Lumens	1618	1618	1618	1618	1618	1618	1618
	Delivered Lumens	1387	1436	1285	1332	1347	1217	1129
15W	Initial Lumens	2015	2015	2015	2015	2015	2015	2015
	Delivered Lumens	1632	1744	1591	1644	1659	1481	1404
20W	Initial Lumens	2422	2422	2422	2422	2422	2422	2422
	Delivered Lumens	1976	2122	1933	2002	2017	1803	1706
24W	Initial Lumens	2799	2799	2799	2799	2799	2799	2799
	Delivered Lumens	2300	2470	2243	2333	2346	2101	1986
28W	Initial Lumens	3128	3128	3128	3128	3128	3128	3128
	Delivered Lumens	2820	2868	2519	2633	2646	2371	2245
32W	Initial Lumens	3405	3405	3405	3405	3405	3405	3405
	Delivered Lumens	2921	3096	2777	2902	2915	2614	2474
33W	Initial Lumens		4090		4090	4090	4090	4090
	Delivered Lumens		3518		3278	3383	3345	2877
35W	Initial Lumens		4626		4626	4626	4626	4626
	Delivered Lumens		3879		3618	3736	3710	3177
40W	Initial Lumens		4967		4967	4967	4967	4967
	Delivered Lumens		4218		3941	4072	4058	3462
48W	Initial Lumens		5765		5765	5765	5765	5765
	Delivered Lumens		4887		4570	4723	4718	4017

* 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

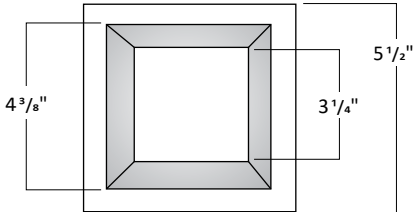
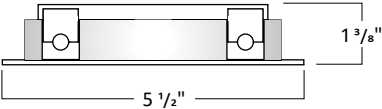
COLOR TEMPERATURE MULTIPLIER FOR DELIVERED LUMENS

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

TRIM DIMENSIONS



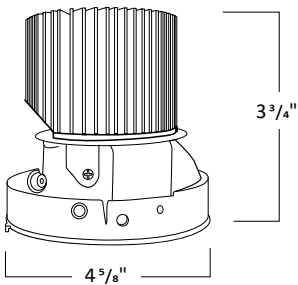
Large Opening



MODULE DIMENSIONS

4" PRIME REMODEL DIMENSIONS

DRIVER BOX DIMENSIONS



Module and Heat Sink

