

3" ARCHITECTURAL SQUARE DOWNLIGHT COMPATIBLE WITH ARMSTRONG® WOODWORKS®
LINEAR SOLID WOOD PANELS 3½" WIDE PLANKS



USE OF PRODUCT

The 3" Prime Downlight is a small aperture fixture which is compatible with Armstrong® WoodWorks® linear solid wood panels 3½" wide planks. Available options include die-cast 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

Non IC housing is constructed from 20-gauge cold-rolled steel and includes a junction box with ½" knockouts. Custom expandable mounting bars mount directly to ceiling grid.

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), Max 20W, (EDIO) eldoLED 0.1 Dim 0-10V, (EDID) eldoLED 0.1% Dim DALI, (EDD) eldoLED 1% Dim DALI2, (LDE1) Lutron Hi-Lume 1% Ecosystem with Soft-on, Fade-to-Black Dimming, (L3DA) Hi-Lume 1% Ecosystem/3-Wire L3D Driver, (PEQ0) Lutron Hi-Lume Premier Ecosystem 0.1% with Soft-on, Fade-to-Black Dimming.

THERMAL MANAGEMENT

Fixture location ambient temperature should not exceed -20° to 40°C.

BEVEL

Bevel 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 (~800 lm) or 15W (~1,500 lm) emergency battery (EM) provides light for a minimum of 90 minutes. EM is replaceable from below the ceiling.

LABELS/COMPLIANCE/WARRANTY

- CSA Listed for US and Canada.
- Energy Star certified product.
- Dry/Damp location rated.
- 5-year limited warranty.

GENERAL PERFORMANCE CHART

*Detailed performance chart may be found on page 3

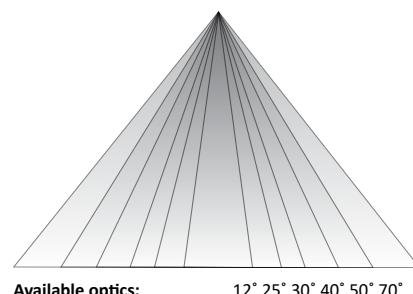
	6W	9W	12W	15W	20W
Initial Lumens	657/955	890/1296	1122/1618	1267/2015	1485/2422
Delivered Lumens	586-755	794-1038	999-1319	1060-1642	1244-1985

* 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



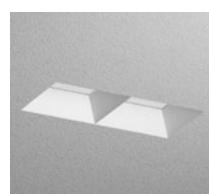
Downlight



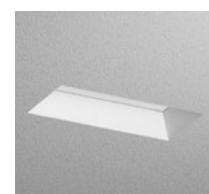
TechZone®



WoodWorks®



Multiple Dedicated Bevel



Multiple Open Bevel



Cylinder



Square Luminaire

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ORDERING INFORMATION

Series	Wattage	Dimming	Color Temperature	Optical Lens	Filter	Housing Type
RPA3	6W - 6 Watt	ID ¹ - Standard All-Inclusive ELV, Triac, and 0-10V Dimming Driver (Intelligent Drive)	27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K	12 ⁵ - 12° 25 - 25° 30 - 30° 40 - 40° 50 - 50° 70 - 70°	None - Leave Blank F - Frosted Filter H - Honey Comb S - Solite Filter L - Linear Filter	NCWW8176 - Non-IC Woodwork No. 8176
	9W - 9 Watt					
	12W - 12 Watt	EEI ² - eldoLED 1% Dim (0-10V)				
	15W - 15 Watt	EEIS ³ - eldoLED 1% Dim 0-10V (120-277V), Triac (120V), Max 20W				
	20W - 20 Watt	EDIO ² - eldoLED 0.1% Dim (0-10V)				
	24W - 24 Watt	EDID ² - eldoLED 0.1% Dim (DALI)				
	28W - 28 Watt	EDD ² - eldoLED 1% Dim (DALI2)				
	32W - 32 Watt	LDE1 ⁴ - Lutron Hi-Lume 1% Ecosystem with Soft-on, Fade-to-Black Dimming				
		L3DA ⁴ - Hi-Lume 1% Ecosystem/3-Wire L3D Driver				
		PEQ0 - Lutron Hi-Lume Premier Ecosystem 0.1% with Soft-on, Fade-to-Black Dimming				

Collar	Woodworks Collar Finish	Module Type	Frame Accessories	Options
CS15 - 1.5" Depth	B ⁶ - Black	FMH - Downlight	UH - Universal Bar Hanger	ER8W - Emergency Battery with Remote test switch (800 lm) ER15W - Emergency Battery with Remote test switch (1,500 lm)
MTO - Made To Order	BZ - Bronze			
	MTO - Made To Order			

TRIM ORDERING INFORMATION

DIE-CAST

Bevel Finish	Bevel	Finish
	3SLO-CL	W - White
3" Square Flangeless Open Large	3SLO-CL	B - Black
	3SLO-CL	H - Haze
	3SLO-CL	BZ - Bronze
	3SLO-CL	C - Clear
	3SLO-CL	MTO - Made To Order
3" Square Flangeless Open Small	3SLO-CS	W - White
	3SLO-CS	B - Black
	3SLO-CS	H - Haze
	3SLO-CS	BZ - Bronze
	3SLO-CS	C - Clear
	3SLO-CS	MTO - Made To Order

Notes

1. Intelligent Drive is the standard driver.
2. Must specify logarithmic or linear eldoLED driver.
3. Available up to 20W and programmable only in linear mode.
4. Not offered in 6W.
5. 12° spread without lens on trim.
6. Black is the standard color.

PERFORMANCE CHART

Optics	12°	25°	30°	40°	50°	70°
6W	Initial Lumens	657	955	955	955	955
	Delivered Lumens	586	718	755	754	726
	UGR		13.5	13	16.4	19.1
9W	Initial Lumens	890	1296	1296	1296	1296
	Delivered Lumens	794	978	1034	1038	984
	UGR		14.6	14.3	17.7	19.6
12W	Initial Lumens	1122	1618	1618	1618	1618
	Delivered Lumens	999	1225	1314	1319	1238
	UGR		15.2	15.1	18.3	21.2
15W	Initial Lumens	1267	2015	2015	2015	2015
	Delivered Lumens	1060	1470	1628	1642	1565
	UGR		15.9	15.8	19	21.9
20W	Initial Lumens	1485	2422	2422	2422	2422
	Delivered Lumens	1244	1778	1967	1985	1895
	UGR		16.6	16.4	19.7	22.5
24W	Initial Lumens		2799	2799	2799	2799
	Delivered Lumens		2107	2273	2296	2193
	UGR		17.4	17	20.2	23.1
28W	Initial Lumens		3128	3128	3128	3128
	Delivered Lumens		2343	2542	2569	2458
	UGR		17.7	17.3	20.6	23.6
32W	Initial Lumens		3405	3405	3405	3405
	Delivered Lumens		2544	2768	2785	2679
	UGR		18	17.7	20.9	23.9
						25.4

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

Notes

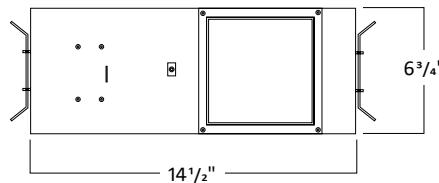
1. 12° spread without lens on trim

COLOR TEMPERATURE MULTIPLIER FOR DELIVERED LUMENS

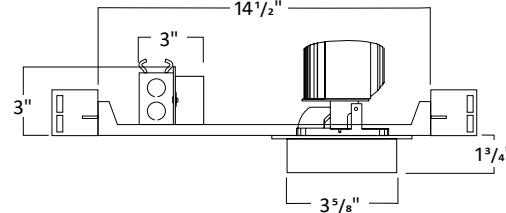
2700K	3000K	3500K	4000K
0.95	1.00	1.04	1.07

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HOUSING DIMENSIONS



NCWW8176 - Non-IC Woodwork No. 8176



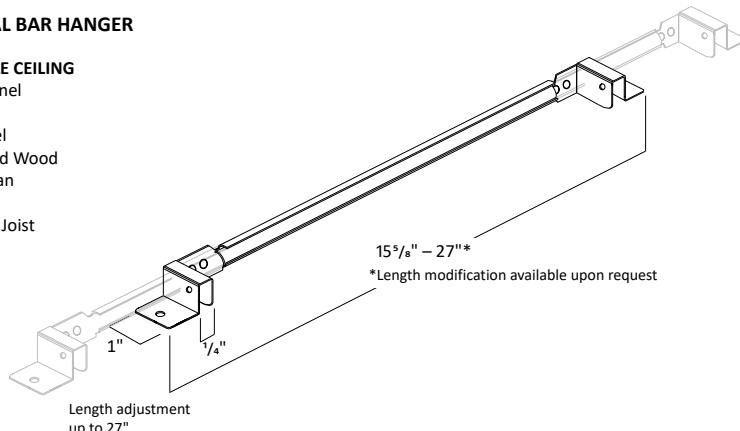
Allow 1/8" tolerance

FRAME ACCESSORIES

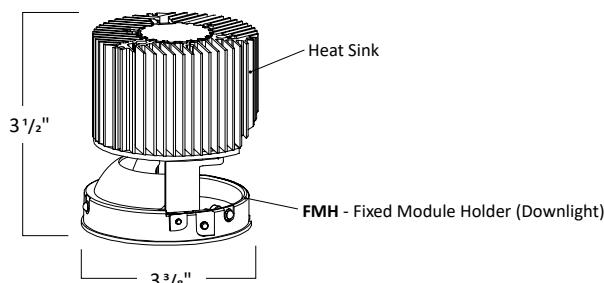
UNIVERSAL BAR HANGER

COMPATIBLE CEILING

- Hat Channel
- T-Bar
- C-Channel
- Laminated Wood
- Quick-Span
- I-Beam
- Standard Joist



MODULE DIMENSIONS



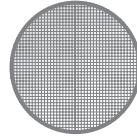
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FILTERS

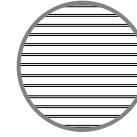
Frosted Filter



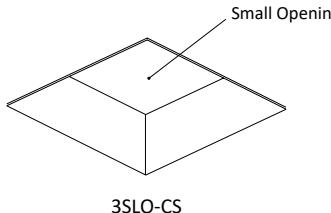
Honey Comb



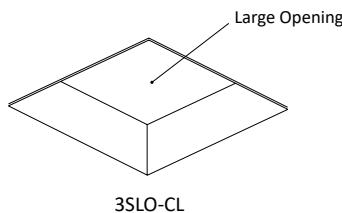
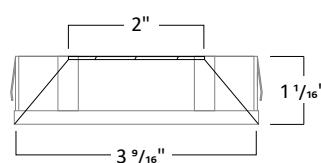
Solite Filter



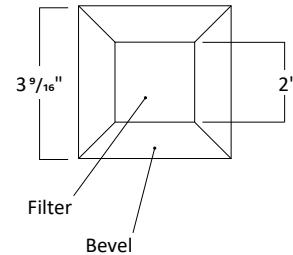
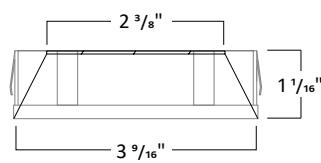
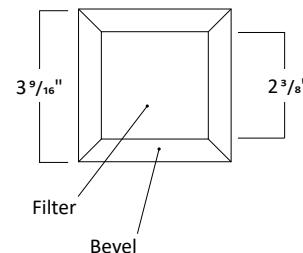
Linear Filter

TRIM DIMENSIONS

3SLO-CS



3SLO-CL

Filter
BevelFilter
Bevel**TRIM FINISH**

White



Black



Haze



Bronze



Clear

*Consult Factory for Made to Order Finishes