



USE OF PRODUCT
The 3" Prime Downlight is a small aperture fixture which is compatible with Armstrong® WoodWorks® linear solid wood panels 3¼" 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, (EES) 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.



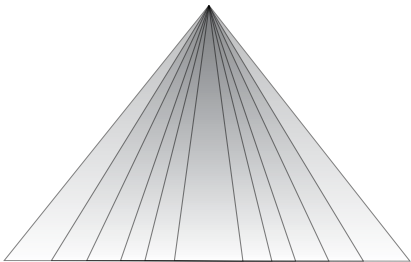
GENERAL PERFORMANCE CHART

*Detailed performance chart may be found on page 3

	6W	9W	12W	15W	20W	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%

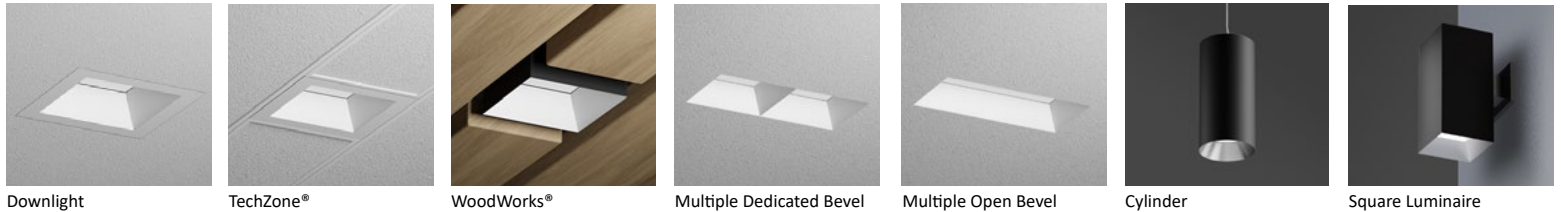
BEAM SPREAD



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



3" ARCHITECTURAL ROUND DOWNLIGHT COMPATIBLE WITH ARMSTRONG® WOODWORKS®
LINEAR SOLID WOOD PANELS 3¼" WIDE PLANKS

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	12 ⁵ - 12°	None - Leave Blank	NCWW8176 - Non-IC Woodwork No. 8176
	9W - 9 Watt		30 - 3000K	25 - 25°	F - Frosted Filter	
	12W - 12 Watt	EEI ² - eldoLED 1% Dim (0–10V)	35 - 3500K	30 - 30°	H - Honey Comb	
	15W - 15 Watt	EEIS ³ - eldoLED 1% Dim 0-10V (120-277V), Triac (120V), Max 20W	40 - 4000K	40 - 40°	S - Solite Filter	
	20W - 20 Watt			50 - 50°	L - Linear Filter	
	24W - 24 Watt	EDIO ² - eldoLED 0.1% Dim (0-10V)		70 - 70°		
	28W - 28 Watt	EDID ² - eldoLED 0.1% Dim (DALI)				
	32W - 32 Watt	EDD ² - eldoLED 1% Dim (DALI2)				
		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		
CR15 - 1.5" Depth	B ⁶ - Black	FMH - Downlight	UH - Universal Bar Hanger	ER8W - Emergency Battery with Remote test switch (800 lm)		
MTO - Made To Order	BZ - Bronze			ER15W - Emergency Battery with Remote test switch (1,500 lm)		
	MTO - Made To Order					

TRIM ORDERING INFORMATION

DIE-CAST

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

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

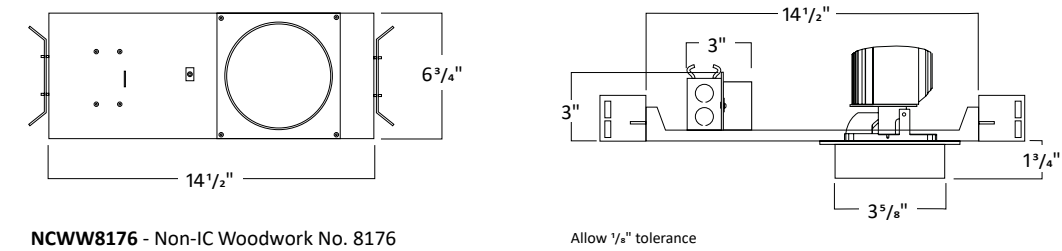
* Values are listed at 3000K, 90+ CRI with a white bevel & trim.

- 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

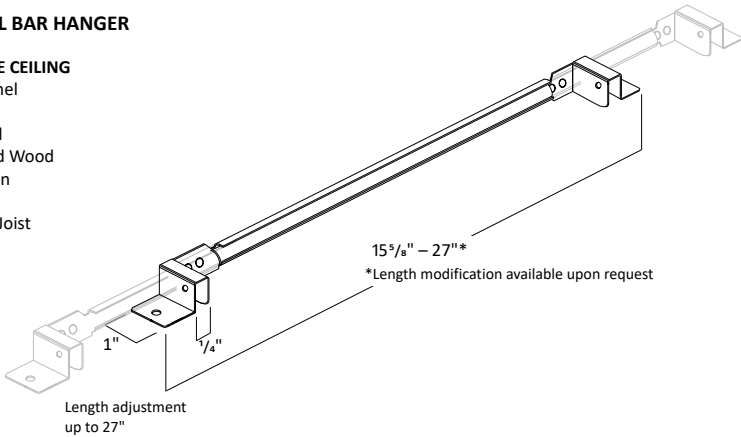
HOUSING DIMENSIONS



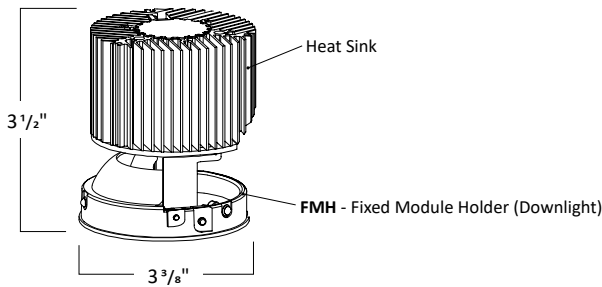
FRAME ACCESSORIES

UNIVERSAL BAR HANGER

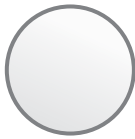
- COMPATIBLE CEILING
- Hat Channel
 - T-Bar
 - C-Channel
 - Laminated Wood
 - Quick-Span
 - I-Beam
 - Standard Joist



MODULE DIMENSIONS



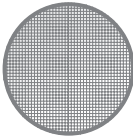
FILTERS



Frosted Filter



Honey Comb

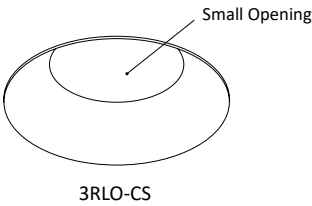


Solite Filter

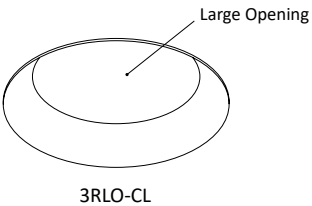
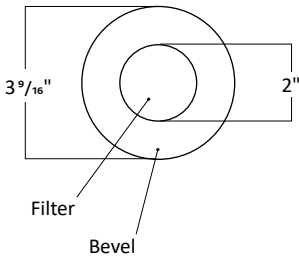
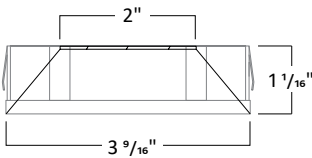


Linear Filter

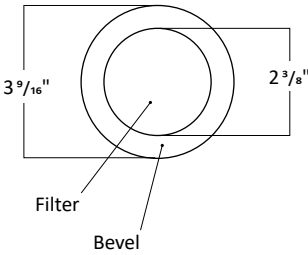
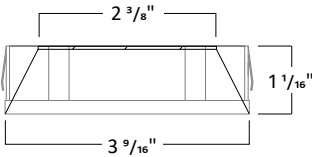
TRIM DIMENSIONS



3RLO-CS



3RLO-CL



TRIM FINISH



White



Black



Haze



Bronze



Clear

*Consult Factory for Made to Order Finishes