

4" ARCHITECTURAL ROUND DOWNLIGHT COMPATIBLE WITH ARMSTRONG® WOODWORKS®
LINEAR SOLID WOOD PANELS 5¼" WIDE PLANKS



USE OF PRODUCT

The 4" Prime Downlight is a small aperture fixture which is compatible with Armstrong® WoodWorks® linear solid wood panels 5¼" 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°, 22°, 27°, 35°, and 45°. Easily achieve narrow spot to wide flood beam pattern.

DIMMING

Available in six driver selections. (ID) Standard all-inclusive ELV (120V), Triac (120V), and 0–10V (120–277V) dimming driver called Intelligent Drive, 120–277V. (LDE1) Lutron Hi-Lume 1% Ecosystem with soft-on, fade-to-black dimming, 120–277V. (L3DA) Hi-lume 1% EcoSystem/3-Wire L3D Driver (EEI) eldoLED Eco 1% Dim (0–10V), 120–277V. (EDIO) eldoLED Solo 0.1% Dim (0–10V), 120–277V. (EDID) eldoLED Solo 0.1% Dim (DALI), 120–277V. Driver accessible from below ceiling.

THERMAL MANAGEMENT

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

TRIM

Die-cast trim. Consult factory for made-to-order finishes.

EMERGENCY BATTERY

Optional emergency battery available for a minimum of 90 minutes with remote test switch in 800 delivered lumens.

OPTIONAL

Limited visibility through slot by purchase of Armstrong® Bioacoustic Infill Panel #6657. Consult Armstrong® for additional information.

LABELS/COMPLIANCE/WARRANTY

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



ORDERING INFORMATION

Series	Aperture Size	Lumens	Color Temperature	Voltage	Dimming	Optical Lens	Filter
RPA - Prime Series	4 - 4"	10L - 1055 lm	27 - 2700K	UNV - 120-277	ID ¹ - Standard All-Inclusive ELV, Triac, and 0-10V Dimming Driver (Intelligent Drive)	18 - 18°	None - Leave Blank
		12L - 1250 lm	30 - 3000K	120 - 120V		30 - 30°	F - Frosted Filter
		16L - 1645 lm	35 - 3500K	347 - 347V	LDE1 ² - Lutron Hi-Lume 1% Ecosystem with Soft-on, Fade-to-Black Dimming	50 - 50°	H - Honey Comb
		21L - 2170 lm	40 - 4000K		L3DA - Hi-lume 1% EcoSystem/3-Wire L3D Driver	80 - 80°	S - Solite Filter
		25L - 2495 lm			EEI ² - eldoLED Eco 1% Dim (0-10V)		L - Linear Filter
		31L - 3105 lm			EDIO ^{2,3} - eldoLED Solo 0.1% Dim (0-10V)		
		34L - 3475 lm			EDID ^{2,3} - eldoLED Solo 0.1% Dim (DALI)		
40L - 4030 lm							

Housing Type	Aperture	Millwork Collar Finish	Options
WW8177 - Woodwork No. 8177	RLD - Round Flangeless Downlight	B ⁴ - Black BZ - Bronze MTO - Made To Order	ER8 ² - Emergency Battery with Remote Switch (800 lm)

TRIM ORDERING INFORMATION

Aperture Size / Shape / Trim Type / Style	Bevel Finish
4RLO - 4" Round Flangeless Open	W - White B - Black H - Haze S - Specular Clear WE - Wheat MTO - Made To Order

Notes

1. Intelligent Drive is the standard driver.
2. Ceiling access required.
3. Must specify logarithmic or linear eldoLED driver.
4. Black is the standard color.

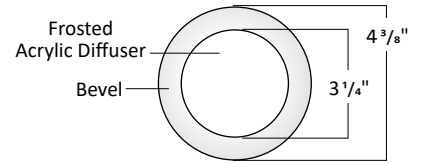
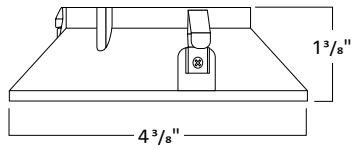
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LUMEN CHART

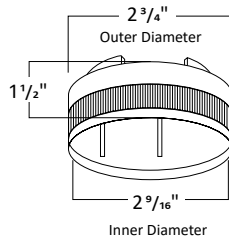
WATTS	LUMENS	VOLTAGE	CRI
11W	1035 lm	120-277V	90+
16W	1280 lm	120-277V	90+
20W	1625 lm	120-277V	90+
30W	2115 lm	120-277V	90+
31W	2500 lm	120-277V	90+
38W	3100 lm	120-277V	90+
45W	3430 lm	120-277V	90+
58W	3965 lm	120-277V	90+

Ordering information and IES File name reflect delivered lumens based on 3000K with 30° optical lens. Lumens will vary based on CCT, optical lens, and bevel finish.

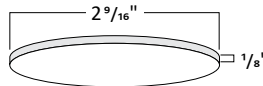
TRIM DIMENSIONS



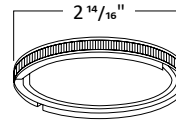
LED HOLDER AND FILTER DIMENSIONS



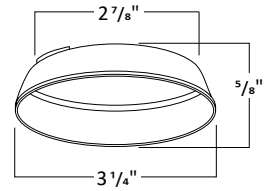
LED Holder (Body)



Filter

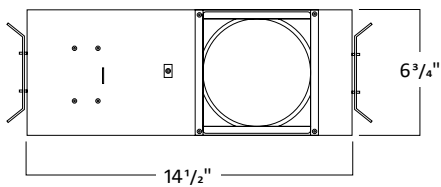


LED Holder (Body)



Light Enhancer

HOUSING DIMENSIONS



WW8176 - Woodwork No. 8176

