

3" ARCHITECTURAL ROUND FLANGE WALL WASH COMPATIBLE WITH 6" TECHZONE® CEILINGS (SILHOUETTE®, SUPRAFINE®, INTERLUDE®, OR PRELUDE®) BY ARMSTRONG®



USE OF PRODUCT

The 3" Prime series is a small aperture fixture which is compatible with 6" TechZone® ceilings. Allows for seamless installation and integration of luminaires with Silhouette®, Suprafine®, Interlude®, or Prelude® ceiling types offered by Armstrong®. 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 constructed from 20-gauge cold-rolled steel and includes a junction box with ½" knockouts. Integrated mounting brackets that will snap directly into 6" TechZone® ceiling grids. Compatible with the following series: Silhouette®, Suprafine®, Interlude®, or Prelude®.

OPTICAL LENS

Field replaceable optical lenses are available in 15°, 24°, 36°, 50°, and 80°. 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.

LABELS/COMPLIANCE/WARRANTY

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



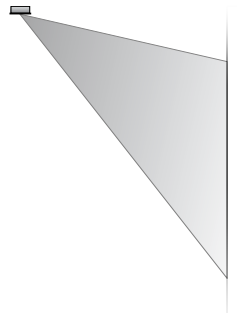
GENERAL PERFORMANCE CHART

*Detailed performance chart may be found on page 3

	6W	9W	12W	15W	20W	24W	28W	32W
Initial Lumens	955	1296	1618	2015	2422	2799	3128	3405
Delivered Lumens	417-659	815-899	709-1134	865-1365	1024-1660	1221-1948	1372-2249	1549-2582

* 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

PRIME FAMILY OF PRODUCTS



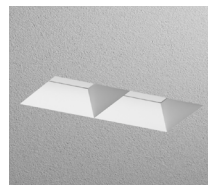
Downlight



TechZone®



WoodWorks®



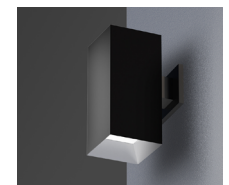
Multiple Dedicated Bevel



Multiple Open Bevel



Cylinder



Square Luminaire

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ORDERING INFORMATION

Series	Wattage	Dimming	Color Temperature	Optical Lens
RPA3	6W - 6 Watt 9W - 9 Watt 12W - 12 Watt 15W - 15 Watt 20W - 20 Watt 24W - 24 Watt 28W - 28 Watt 32W - 32 Watt	ID ¹ - Standard All-Inclusive ELV, Triac, and 0-10V Dimming Driver (Intelligent Drive) EEI ² - eldoLED 1% Dim (0-10V) EEIS ³ - eldoLED 1% Dim 0-10V (120-277V), Triac (120V), Max 20W EDIO ² - eldoLED 0.1% Dim (0-10V) EDID ² - eldoLED 0.1% Dim (DALI) EDD ² - eldoLED 1% Dim (DALI2) LDEI 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	27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K	15 - 15° 24 - 24° 36 - 36° 50 - 50° 80 - 80°

Housing Type	Collar	Module Type	Frame Accessories	Options
TZ6 - 6" TechZone® Ceiling	CR10 - 1.0" Depth CR15 - 1.5" Depth MTO - Made To Order	AMHW - Wall Wash	UH - Universal Bar Hanger	ER8W - Emergency Battery with Remote test switch (800 lm) ER15W - Emergency Battery with Remote test switch (1,500 lm)

TRIM ORDERING INFORMATION

DIE-CAST

Bevel / Flange Finish	Trim Type	Bevel	Flange
May be mixed and matched	3" Round Flange Accent	3RFA-CL	W - White
		3RFA-CL	B - Black
		3RFA-CL	H - Haze
		3RFA-CL	BZ - Bronze
		3RFA-CL	MTO - Made To Order

Notes

- Intelligent Drive is the standard driver.
- Must specify logarithmic or linear eldoLED driver.
- Driver available up to 20W and programmed only in linear mode.
- Not offered in 6W.

SPUN ALUMINUM (SELF-FLANGED)

Bevel / Flange Finish	Trim Type	Self-Flanged
3" Round Flange Accent	3RFA-AL	H - Haze
	3RFA-AL	C - Clear
	3RFA-AL	MTO - Made To Order

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PERFORMANCE CHART

Optics		15°	24°	36°	50°	80°
6W	Initial Lumens	995	955	955	955	955
	Delivered Lumens	598	647	659	616	417
9W	Initial Lumens	1296	1296	1296	1296	1296
	Delivered Lumens	815	879	899	837	566
12W	Initial Lumens	1618	1618	1618	1618	1618
	Delivered Lumens	1025	1101	1134	1048	709
15W	Initial Lumens	2015	2015	2015	2015	2015
	Delivered Lumens	1262	1338	1365	1275	865
20W	Initial Lumens	2422	2422	2422	2422	2422
	Delivered Lumens	1505	1624	1660	1553	1024
24W	Initial Lumens	2799	2799	2799	2799	2799
	Delivered Lumens	1764	1899	1948	1825	1221
28W	Initial Lumens	3128	3128	3128	3128	3128
	Delivered Lumens	2028	2176	2249	2108	1372
32W	Initial Lumens	3405	3405	3405	3405	3405
	Delivered Lumens	2309	2502	2582	2438	1549

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

COLOR TEMPERATURE MULTIPLIER FOR DELIVERED LUMENS

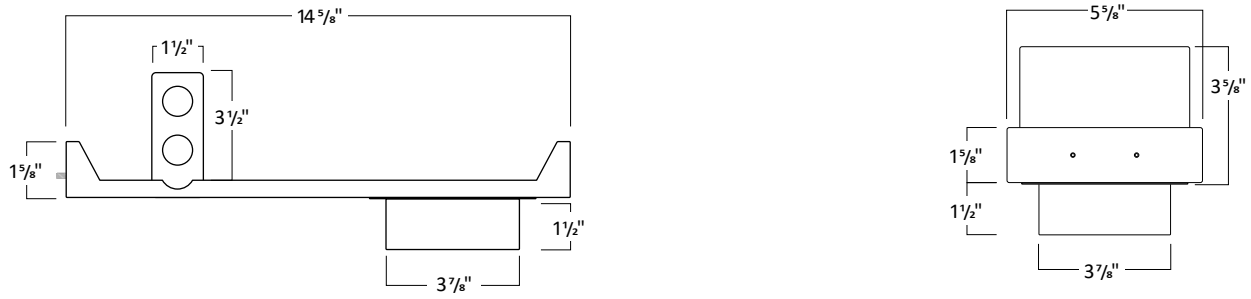
2700K	3000K	3500K	4000K
0.95	1.00	1.04	1.07

3RFA-CL ACCENT



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HOUSING DIMENSIONS

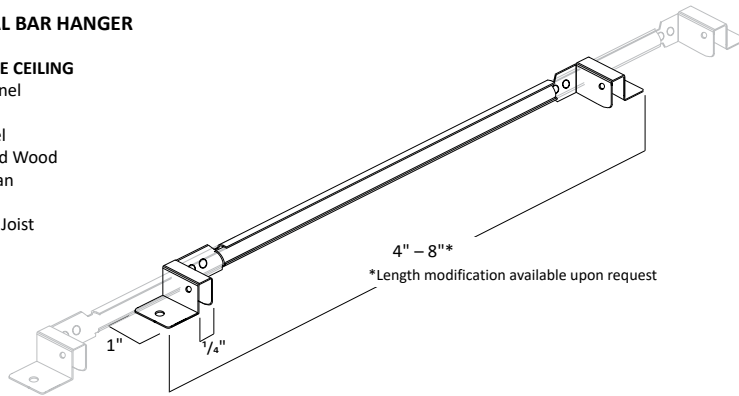


FRAME ACCESSORIES

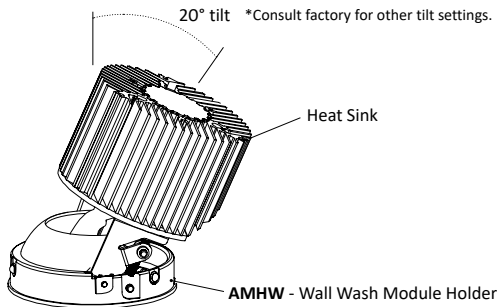
UNIVERSAL BAR HANGER

COMPATIBLE CEILING

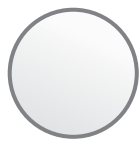
- Hat Channel
- T-Bar
- C-Channel
- Laminated Wood
- Quick-Span
- I-Beam
- Standard Joist



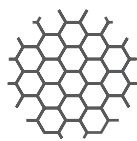
LED MODULE



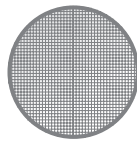
FILTERS



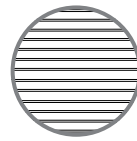
Frosted Filter



Honey Comb



Solite Filter

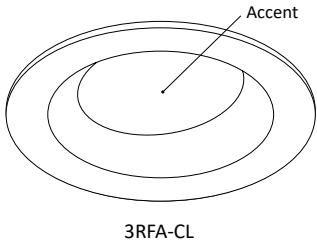


Linear Filter

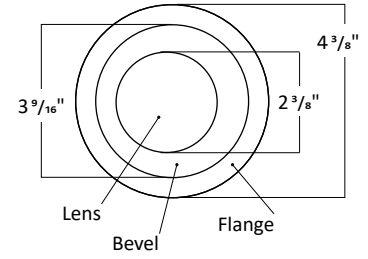
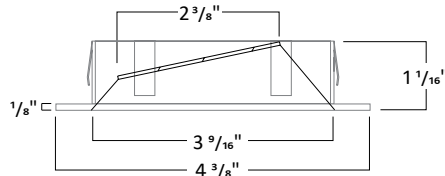
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TRIM DIMENSIONS

DIE-CAST



3RFA-CL



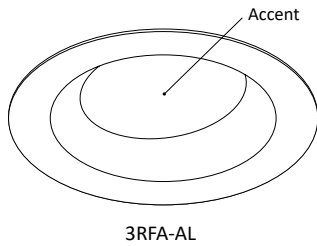
TRIM FINISH

May be mixed and matched

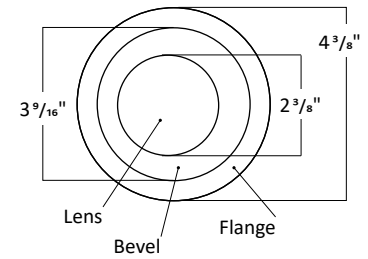
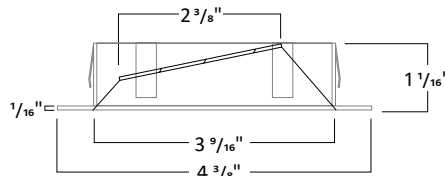


*Consult Factory for Made to Order Finishes

SPUN ALUMINUM (SELF-FLANGED)



3RFA-AL



TRIM FINISH



*Consult Factory for Made to Order Finishes