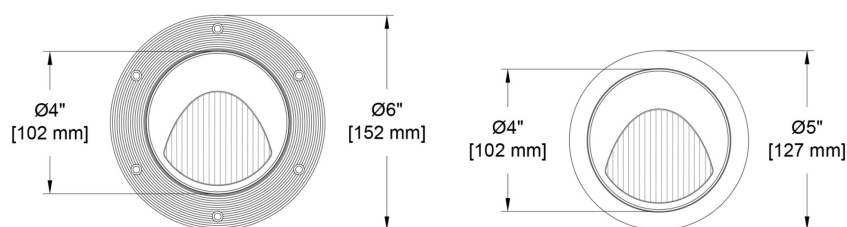
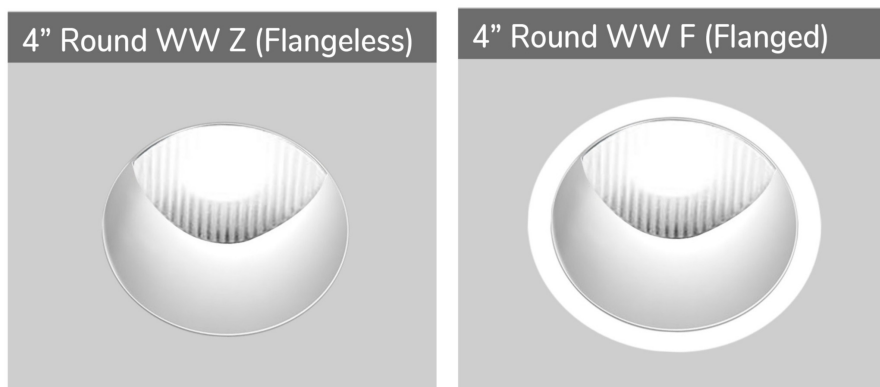


The Core Family

Welcome to the Core line of fixtures. You will find a rich diversity of technical and aesthetic options including 3 trim apertures, over 14 finishes including custom wood trims, flux and source selections featuring 90+ CRI fixed white and our world class Ambient Dim (Warm Dim), multiple beam spreads and plethora of driver and control choices. The Core adjustable wall wash is created on a platform allowing a high degree of modification, so if you don't see what you are looking for, just ask.



Wood Trim Available

PROJECT:

TYPE:

SPECIFIER:

DATE:

Key Points (CR4WW-RA)

Trim

- Flanged or Flangeless
- Frosted Supertex borosilicate glass spread lens, hinged for source and driver service
- Flangeless includes plaster flange
- 14 color options + custom RAL or wood available
- One-piece die cast aluminum or machined wood trim

Source / Optics

- Uniform light from floor to ceiling. Achieves a 3.7:1 ratio on a 10' ceiling at 2.5' setback with a 1:1 on center spacing
- 2400K, 2700K, 3000K, 3500K, 4000K, Ambient Dim, RGBW & Tunable White options
- 90 CRI, 60+ R9 Standard- 95 CRI 90+R9 Optional
- <2 MacAdam Steps (<2SDCM) for fixed white
- Up to 2751 delivered lumens.
- Adjustable to 45° with 360° of rotation.

Housing

-  Compliant to  with Airtight Housing
-  Listed – Damp or wet with shower trim
- Approved for 8 (4-in / 4-out) #12 AWG conductors rated for 90°C through wiring
- IC Rated / Airtight Housing approved for use in direct contact with insulation – Chicago Plenum Available
- Heavy gauge aluminum for new construction or remodel

Driver

- TruPhase™, 0-10, DALI-2, DMX, Ecosystem or Wireless Control
- Flicker free to IEEE 1789-2015 available with EldoLED and TruPhase™ selections
- Prewired and integral to housing
- Universal 120-277v

Ordering Codes

PROJECT:

SPECIFIER:

DATE:

TYPE:

QUANTITY:

Ordering Code Example: CR4WW-RA-F-AU-C20-35-24-E2-P14-CA

Fixture	Trim	Mounting	Source / Watts	CCT	Driver / Control	Trim Finish	Accessories
CR4WW-RA							
Core 4" Round Adjustable Wall Wash	Flanged Trims	Flanged Housings	Citizen	24 2400K	C1 0-10 1.0%, UNV (120-277V) linear	W White Paint	EM Emergency Pack
	F Flanged Trim ~	U Universal - Non-IC Housing	C14   15W 833Lm 90+CRI, 60+R9	27 2700K	C2 ELV/Triac 1.0%, (120V) linear		CP Chicago Plenum
	FS Flanged Shower Trim* (for mounting choose from Flanged Housings)	AU   Universal IC/Airtight*	C20   20W 1056Lm 90+CRI, 60+R9	30 3000K	E1 0-10 0.1%, UNV (120-277V) log	B Black Paint	Controls
	Flangeless Trims	Flangeless Housings	C28 30W* 1616Lm* 90+CRI, 60+R9	35 3500K	E2 DALI-2 0.1%, UNV (120-277V) log		LR Lutron Wireless RF PowPak
	Z Flangeless Trim	P Plaster - Non-IC Housing	C32   35W 2751Lm* 90+CRI, 60+R9	40 4000K	E3 0-10 0.1%, UNV (120-277V) linear	D Wood*	ATH Lutron Athena Wireless Node <i>Must be used with E2 driver</i>
	ZS Flangeless Shower Trim* (for mounting choose from Flangeless Housings)	AP   Plaster IC/Airtight*	Tunable	TW1840 1800-4000K Tunable White w/ E1, E2, E3, E4	E4^ DMX 0.1%, UNV (120-277V) Universal DMX Driver/Controller RGBW-DMX ^ INCLUDES DMX/RDM COMPATIBLE DRIVER WITH BUILT-IN DECODER - CONTROLLER BY OTHERS	PXX Specialty Paint Color*	CA Casambi Wireless BLE to be paired with driver
	*Aperture Lens Required	PM Panel Mount	T9 90+CRI, 60+R9 Tunable White	TW2765 2700-6500K Tunable White w/ E1, E2, E3, E4		P01-P15	
		APM   Panel Mount Airtight/IC*	T15 90+CRI, 60+R9 Tunable White	RG1280 1200-8000K RGBW Dynamic Color Changing *Requires E2 or E4		C Custom/RAL Color**	
		  Supports CA Title24 compliance	T20 90+CRI, 60+R9 Tunable White	Ambient Dim™	LD Digital Ecosystem 1.0%, UNV (120-277V) ECO Hi-Lume SoftOn/Fade-to-Black LDE1		
			RGBW 15W 90+CRI, 60+R9	2722 2700-2200K *A14 Only	TR2 Phase 0.1%, (100-277V) TruPhase™ Up to 20W Forward and Reverse compatible Phase Dimming 2 Dimming Curves: Linear/Logarithmic Static White & Ambient Dim only	* Wood "D" selection to be used with Z trim and PM mounting - Refer to Wood Trim Guide	
			Ambient Dim™	3019 3000-1900K		** Refer to Finish Guide	
			A14   15W 578Lm 95+CRI, 90+R9	3022 3000-2200K *A14 Only			
			A20   21W 1050Lm 90+CRI, 68+R9				
			  Supports CA Title 24 Compliance to JA8 except in flat aperture				
			-See Photometrics chart for latest performance data				

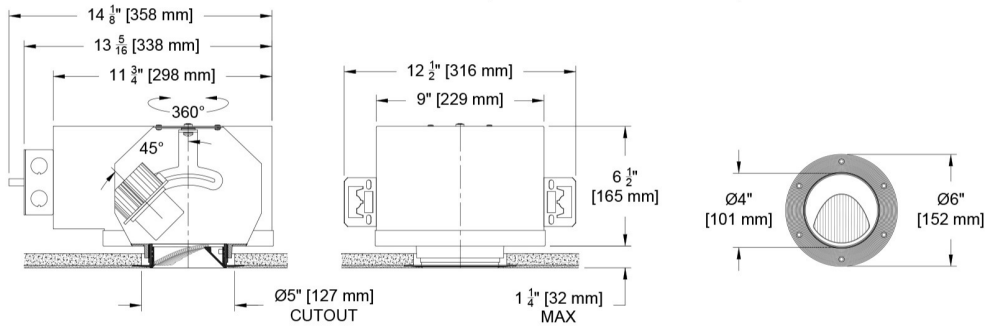
Ceiling Cutouts and Dimensions

Deep Regress Shown - others similar

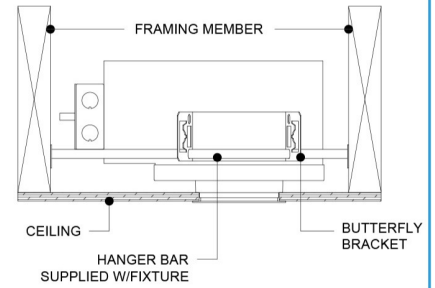
Round Flangeless Housing

Plaster Mount (P/AP)

(CR4WW-RA-Z-P/AP)



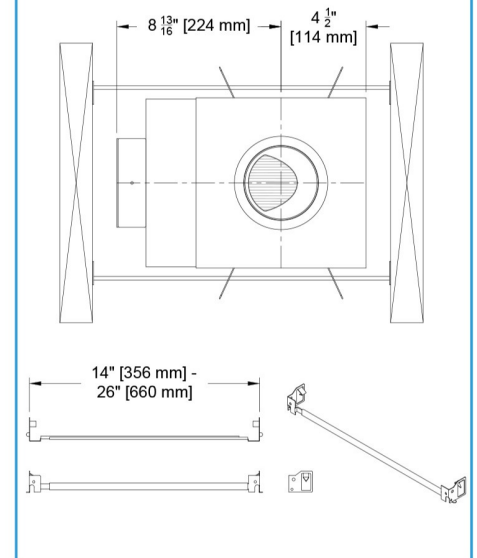
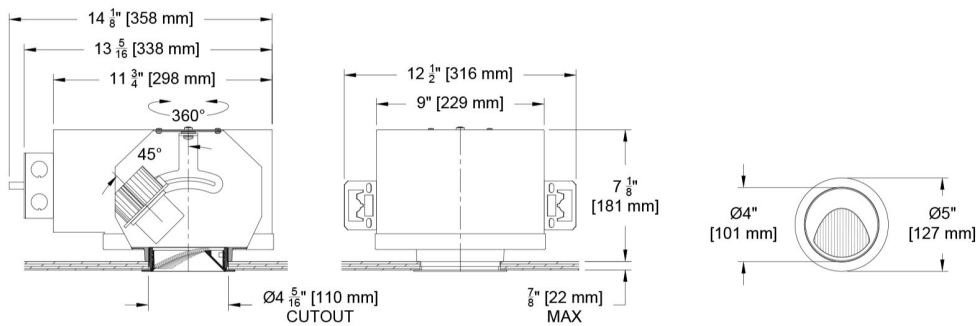
Hanger Bar Detail



Round Flanged Housing

Flanged Mount (U/AUA)

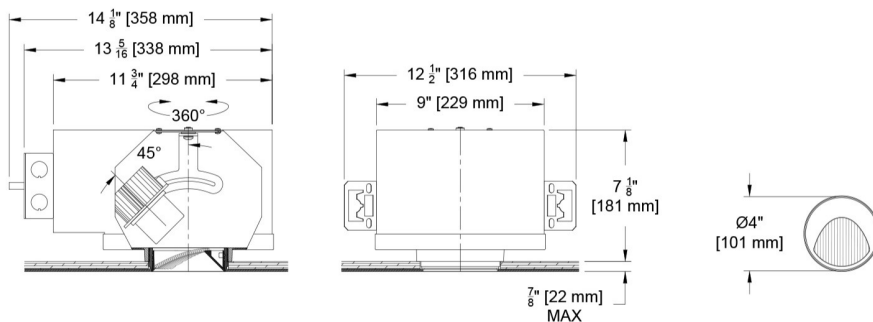
(CR4WW-RA-F-U/AU)



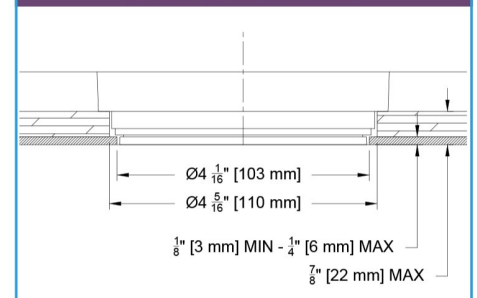
Round Flangeless Housing

Panel Mount (PM)

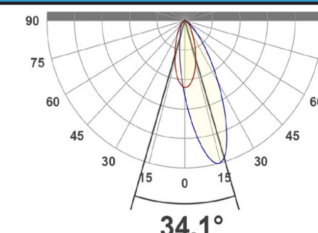
(CR4WW-RA-Z-PM)



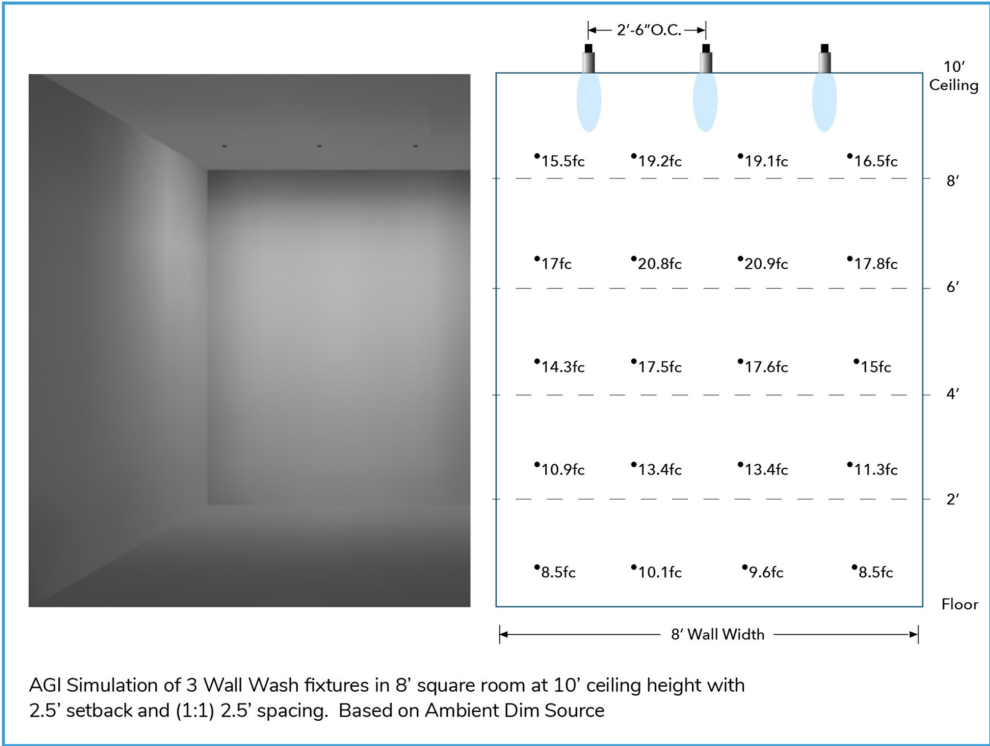
Panel Mount Detail



Photometric Table All data is based from goniometer measurements of production representative product. All lumen values can vary +/- 10% from LED manufacturer rated flux range. Measurements at 3000 CCT

ROUND WW (CR4WW-RA) Beamspreads		35.6°		ISO CD Plot		
Source	System watts (W)	Delivered Lumens (lm)	Lumens/ Watt		CCT Multiplier	
Citizen C14	14	833	60		2700	.95
Citizen C20	20	1056	53		3000	1.00
Citizen C28*	31	1616	53		3500	1.02
Ambient Dim A14	14	578	40		4000	1.03

All data based on 3000k. See Multipliers for other CCT. Ambient Dim based on 3000k at full output. *C28 requires active cooling and cannot be used with IC housing or Chicago Plenum

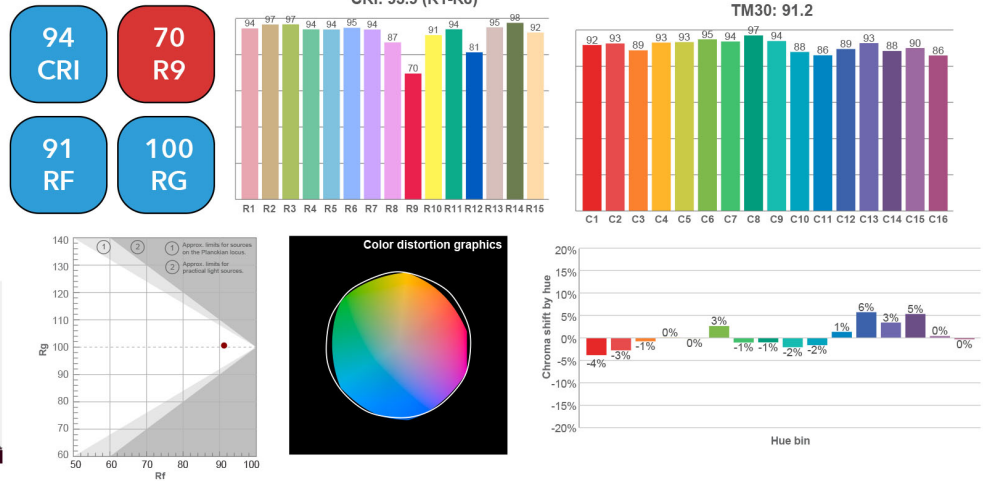


Color Data

All data is based from goniometer measurements of production representative product. All lumen values can vary +/- 10% from LED manufacturer rated data range. Measurements at 3000 CCT

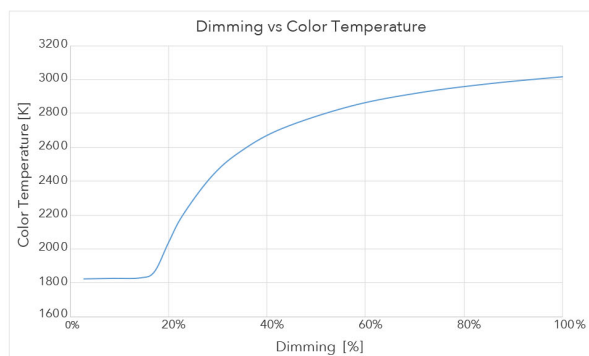
Citizen Sources - C14, C20 and C28

- <2 MacAdam Ellipse (<2 SDCM)
- 90+ CRI and RF
- 60+R9, Hue Bin 1

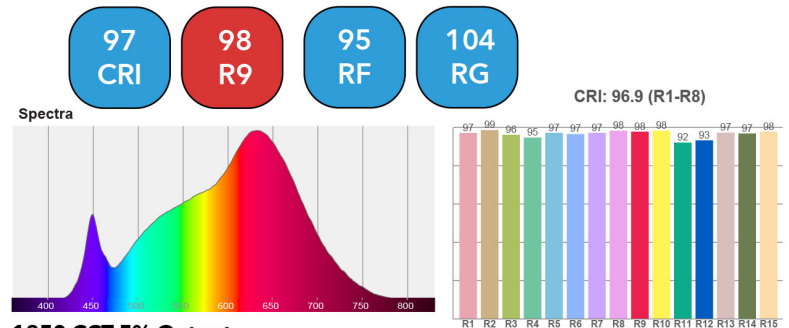


Ambient Dim - 3000k to 1900k

- <3 MacAdam Ellipse (<3 SDCM)
- 95+ CRI and RF
- 90+R9, Hue Bin 1
- Follows Black Body Locus through dimming range



3000 CCT Full Output



1850 CCT 5% Output

