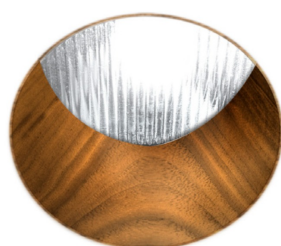
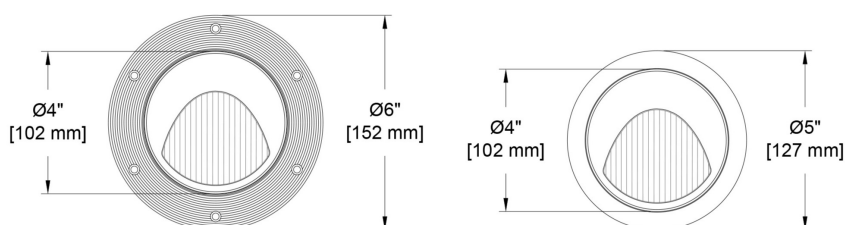
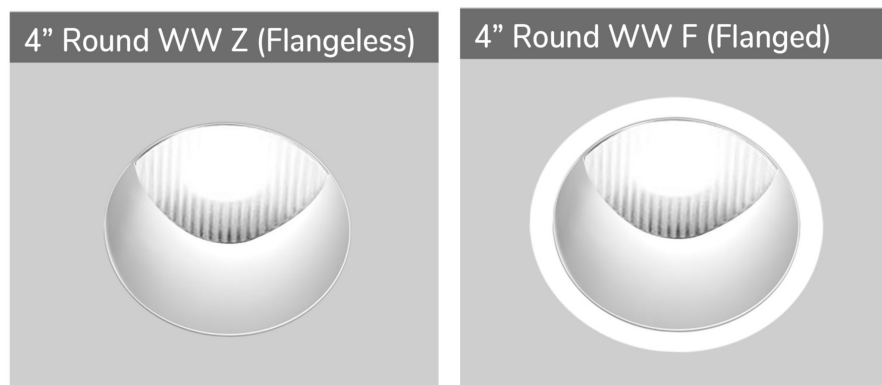


The Core Family

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

- Lifetime: L87B3>55,000 hours at 40°C Ambient
- 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

- Phase, 0-10, DALI-2, DMX, Ecosystem or Wireless Control
- Flicker free to IEEE 1789-2015
- Prewired and integral to housing
- Universal 120-277v

Ordering Codes

PROJECT:

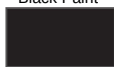
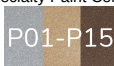
SPECIFIER:

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	B Black Paint 	CP Chicago Plenum	
	FS Flanged Shower Trim*	AU   Universal IC/Airtight*	C20   20W 1056Lm 90+CRI, 60+R9	30 3000K	E1 0-10 0.1%, UNV (120-277V) log	D Wood* 	Controls	
	(for mounting choose from Flanged Housings)	Flangeless Housings	C28 30W* 1616Lm* 90+CRI, 60+R9	35 3500K	E2 DALI-2 0.1%, UNV (120-277V) log	PXX Specialty Paint Color* 	LR Lutron Wireless RF PowPak	
	Flangeless Trims	P Plaster - Non-IC Housing	C32   35W 2751Lm* 90+CRI, 60+R9	40 4000K	E3 0-10 0.1%, UNV (120-277V) linear	C Custom/RAL Color** 	ATH Lutron Athena Wireless Node Must be used with E2 driver	
	Z Flangeless Trim	AP   Plaster IC/Airtight*	T9 90+CRI, 60+R9 Tunable White	Tunable	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	** Refer to Finish Guide	CA Casambi Wireless BLE to be paired with driver	
	ZS Flangeless Shower Trim*	PM Panel Mount	T15 90+CRI, 60+R9 Tunable White	TW1840 1800-4000K Tunable White w/ E1, E2, E3, E4	E2765 2700-6500K Tunable White w/ E1, E2, E3, E4			
	(for mounting choose from Flangeless Housings)	APM   Panel Mount Airtight/IC*	T20 90+CRI, 60+R9 Tunable White	RG1280 1200-8000K RGBW Dynamic Color Changing *Requires E2 or E4				
	*Aperture Lens Required	  Supports CA Title24 compliance	RGBW 15W 90+CRI, 60+R9	Ambient Dim™	2722 2700-2200K *A14 Only	Lutron		
			Ambient Dim™	A14   15W 578Lm 95+CRI, 90+R9	3019 3000-1900K	LD Digital Ecosystem 1.0%, UNV (120-277V) ECO Hi-Lume SoftOn/Fade-to-Black LDE1		
		A20   21W 1050Lm 90+CRI, 68+R9	3022 3000-2200K *A14 Only	LP Digital Ecosystem* 0.1%, UNV (120-277V) ECO Premier Hi-Lume SoftOn/Fade-to-Black, PEQ0, 20W max				
		  Supports CA Title 24 Compliance to JA8 except in flat aperture	~See Photometrics chart for latest performance data					

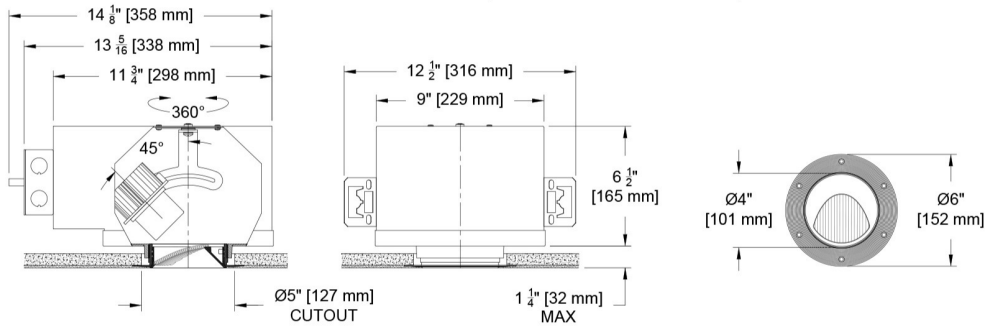
Ceiling Cutouts and Dimensions

Deep Regress Shown - others similar

Round Flangeless Housing

Plaster Mount (P/AP)

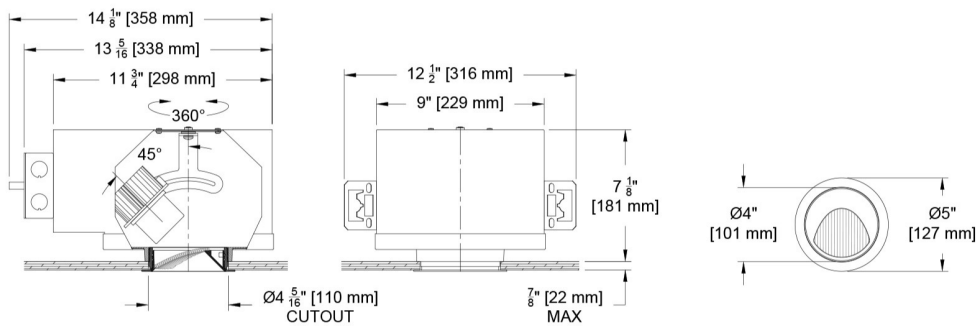
(CR4WW-RA-Z-P/AP)



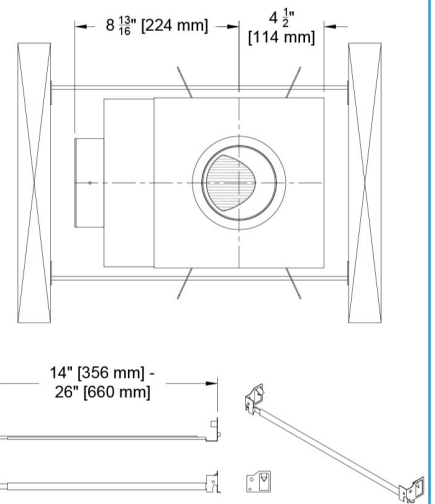
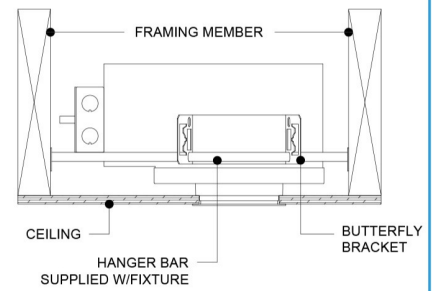
Round Flanged Housing

Flanged Mount (U/AUA)

(CR4WW-RA-F-U/AU)



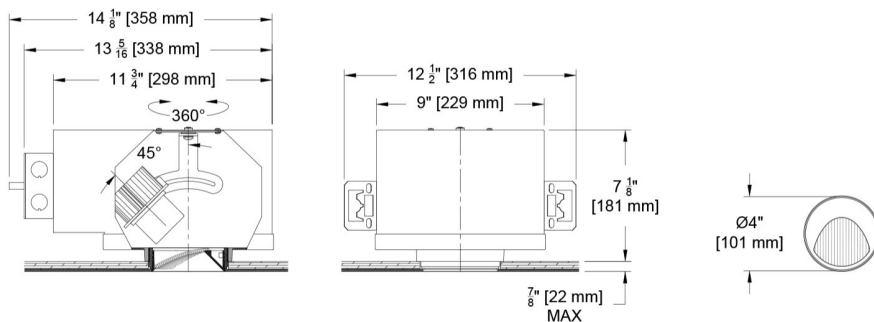
Hanger Bar Detail



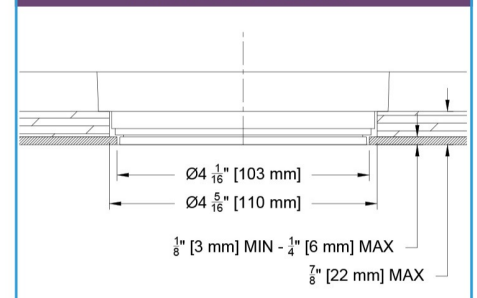
Round Flangeless Housing

Panel Mount (PM)

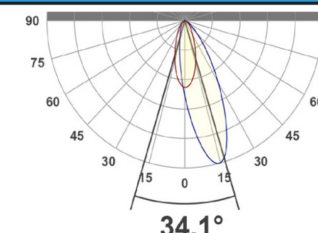
(CR4WW-RA-Z-PM)



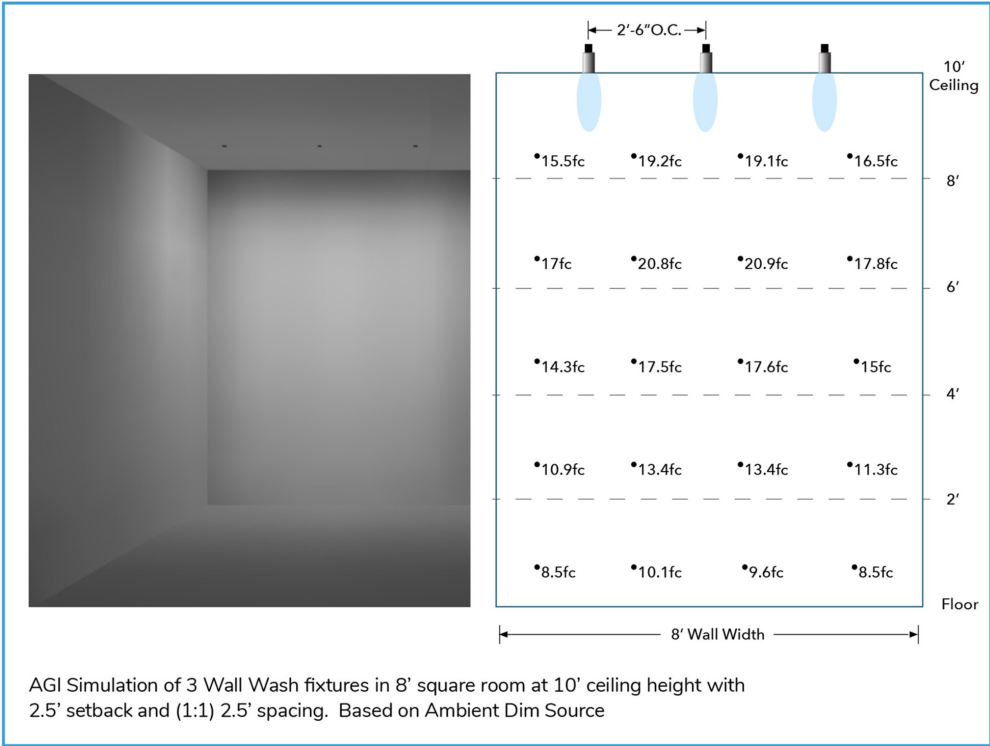
Panel Mount Detail



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

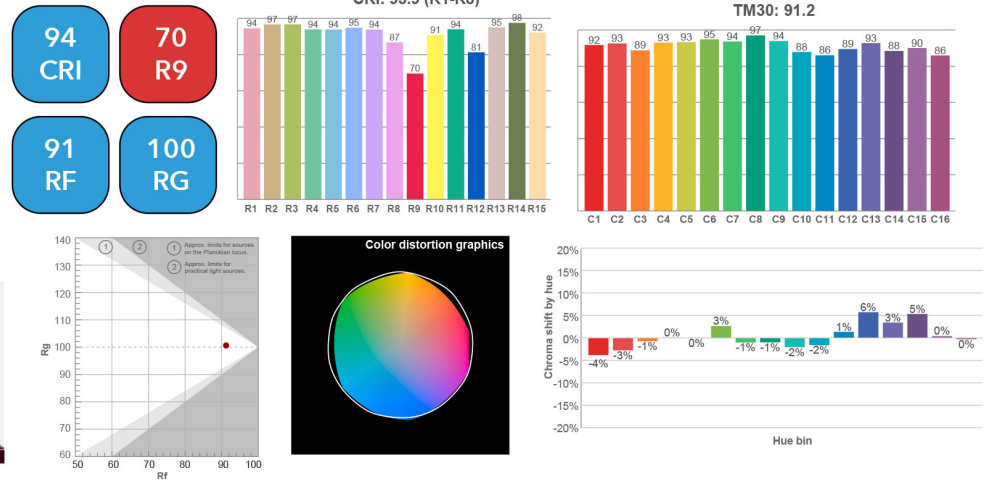


Color Data

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

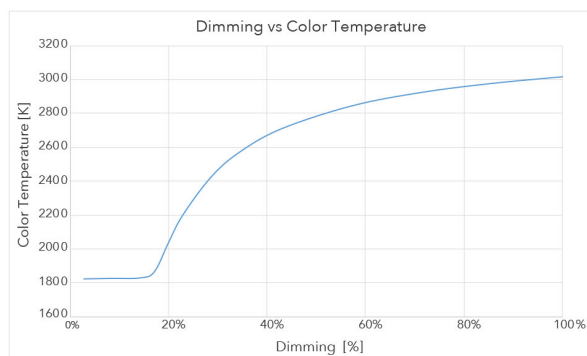
Citizen Sources - C14, C20 and C28

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

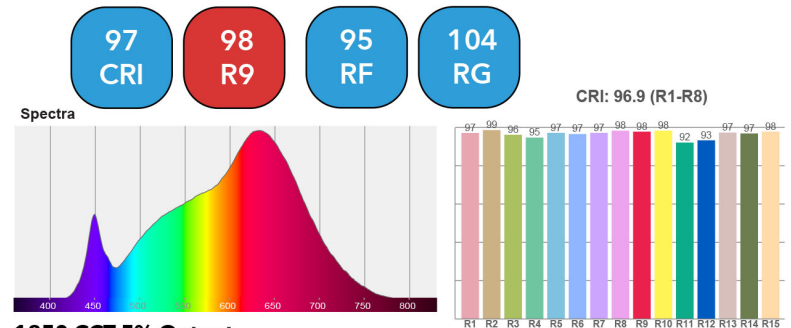


Ambient Dim - 3000k to 1900k

- <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

