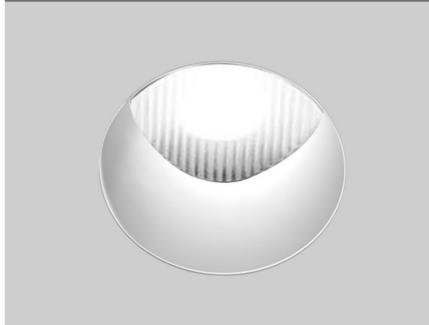


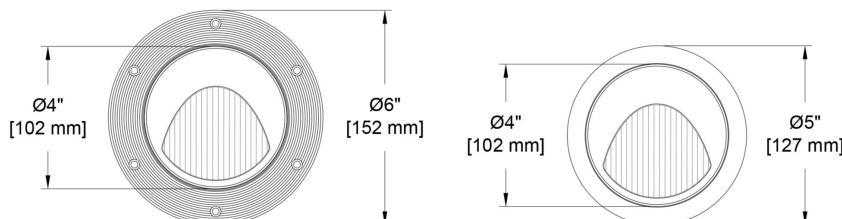
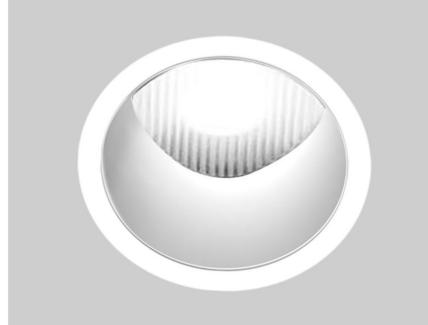
The Core Family

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.

4" Round WW Z (Flangeless)



4" Round WW F (Flanged)



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

- **TITLE 24** Compliant to **JAB** 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	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	2400K	27 2700K	C2 ELV/Triac 1.0%, (120V) linear	B Black Paint	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	35 3500K	E1 0-10 0.1%, UNV (120-277V) log	D Wood*	Controls
Flangeless Trims	Flangeless Housings	C28 30W* 1616Lm* 90+CRI, 60+R9	40 4000K	E2 DALI-2 0.1%, UNV (120-277V) log	PXX Specialty Paint Color* P01-P15	LR Lutron Wireless RF PowPak	
Z Flangeless Trim	P Plaster - Non-IC Housing	C32 ●● 35W 2751Lm* 90+CRI, 60+R9	Tunable	TW1840 1800-4000K Tunable White w/E1, E2, E3, E4	E3 0-10 0.1%, UNV (120-277V) linear	ATH Lutron Athena Wireless Node	
ZS Flangeless Shower Trim* (for mounting choose from Flangeless Housings)	AP ●● Plaster IC/Airtight*	T9 90+CRI, 60+R9 Tunable White	TW2765 2700-6500K Tunable White w/E1, E2, E3, E4	E4^ DMX 0.1%, UNV (120-277V) Universal DMX Driver/Controller RGBW-DMX	C Custom/RAL Color** 	CA Casambi Wireless BLE to be paired with driver	
*Aperture Lens Required	PM Panel Mount	T15 90+CRI, 60+R9 Tunable White	RG1280 1200-8000K RGBW Dynamic Color Changing	^ INCLUDES DMX/RDM COMPATIBLE DRIVER WITH BUILT-IN DECODER - CONTROLLER BY OTHERS			
	APM ●● Panel Mount Airtight/IC*	T20 90+CRI, 60+R9 Tunable White	Ambient Dim™	Ambient Dim™			
	●● Supports CA Title24 compliance	RGBW 15W 90+CRI, 60+R9	2722 2700-2200K *A14 Only	LD Digital Ecosystem 1.0%, UNV (120-277V) ECO Hi-Lume SoftOn/Fade-to-Black LDE1			
		Ambient Dim™	3019 3000-1900K	TR2 Phase 0.1%, (120-120V) log TruPhase™ Up to 20W			
		A14 ●● 15W 578Lm 95+CRI, 90+R9	3022 3000-2200K *A14 Only	Forward and Reverse compatible Phase Dimming Static White & Ambient Dim 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					

* Wood "D" selection to be used with Z trim and PM mounting - Refer to Wood Trim Guide

** Refer to Finish Guide





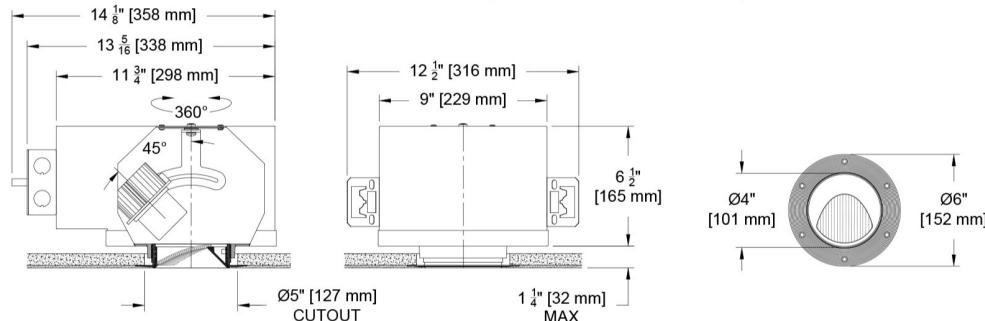
Ceiling Cutouts and Dimensions

Deep Regress Shown - others similar

Round Flangeless Housing

Plaster Mount (P/AP)

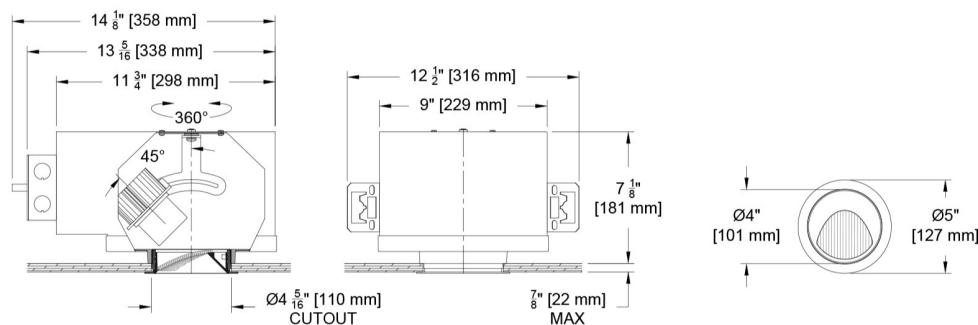
(CR4WW-RA-Z-P/AP)



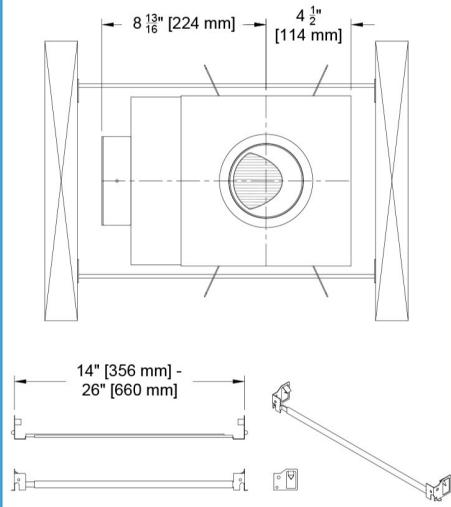
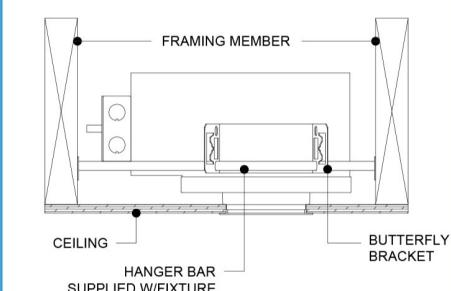
Round Flanged Housing

Flanged Mount (U/AUA)

(CR4WW-RA-F-U/AU)



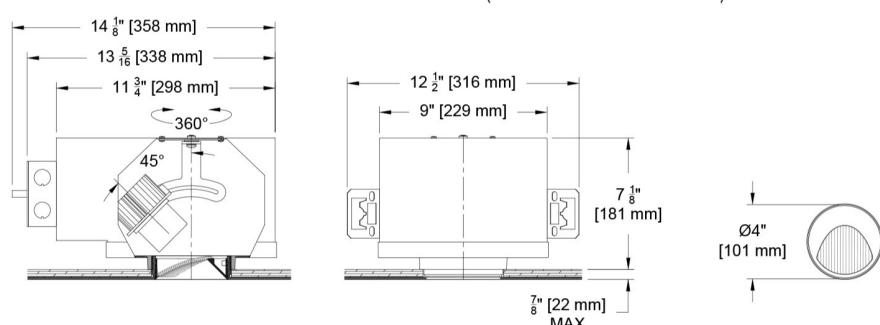
Hanger Bar Detail



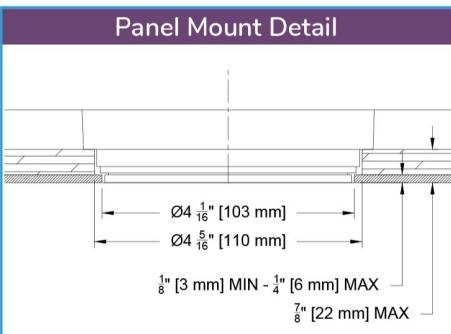
Round Flangeless Housing

Panel Mount (PM)

(CR4WW-RA-Z-PM)

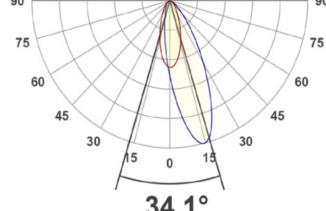


Panel Mount Detail

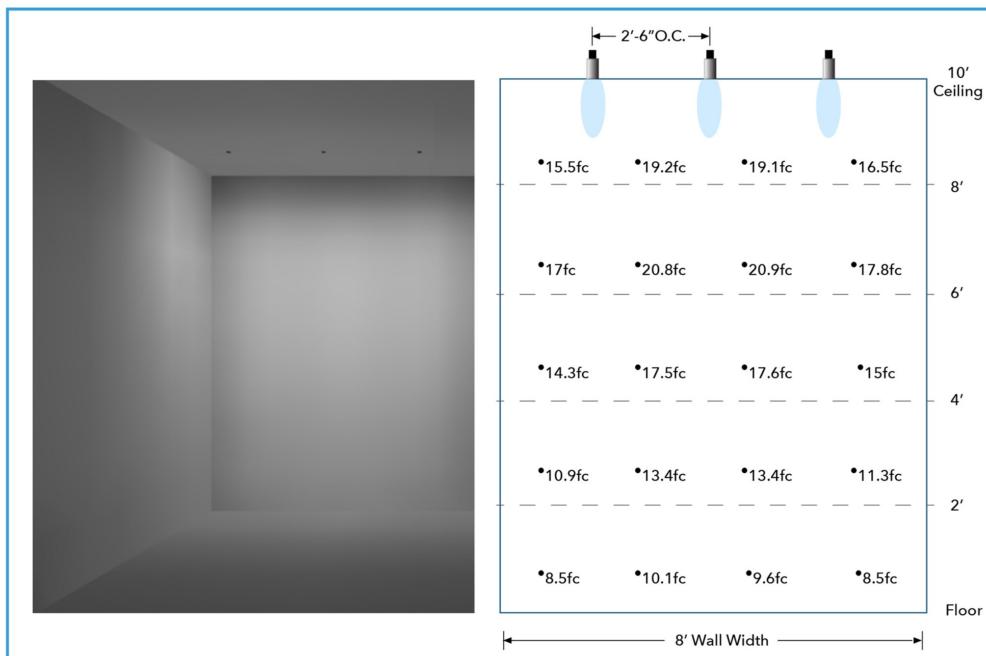


Photometric Table

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	 34.1°	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

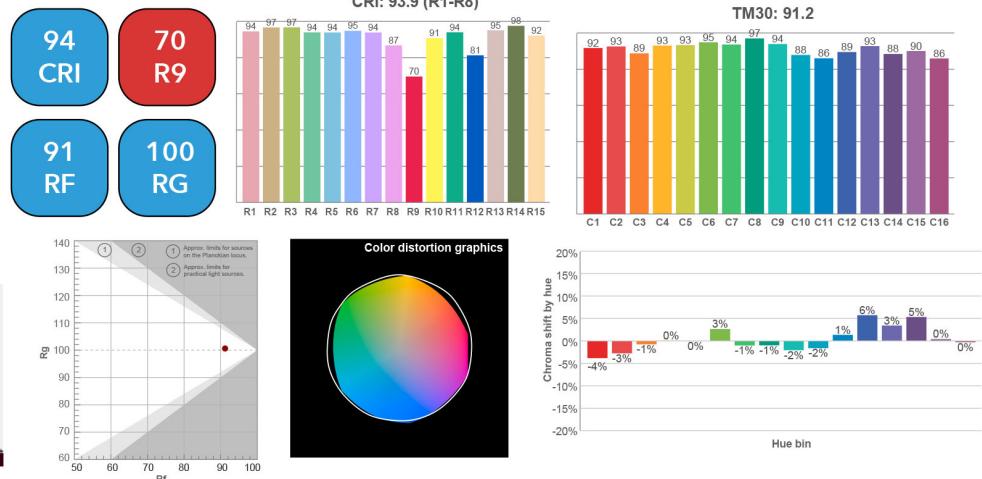
All data based on 3000k. See Multipliers for other CCT. Ambient Dim based on 3000k at full output. *C28 requires active cooling and cannot be used with IC housing or Chicago Plenum



Color Data

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

