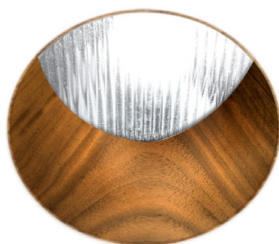
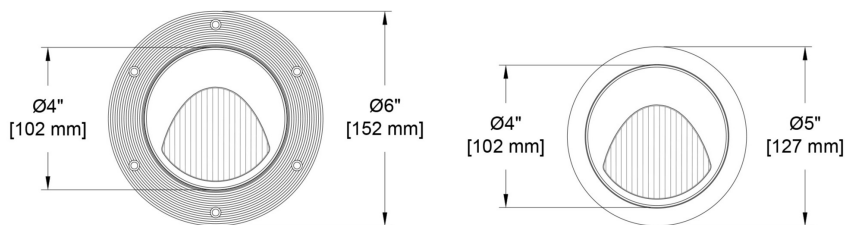
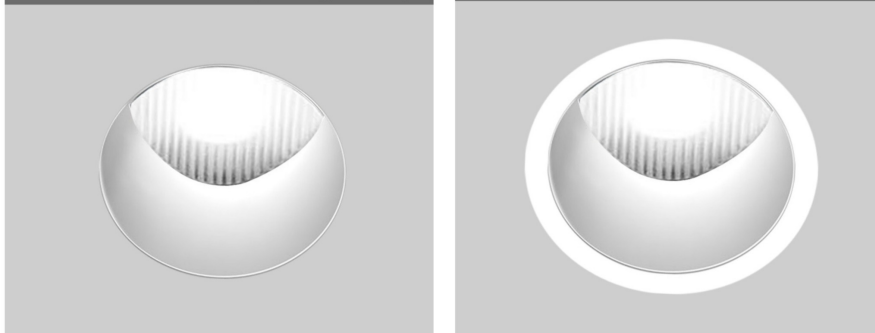


# The Core Family

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

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

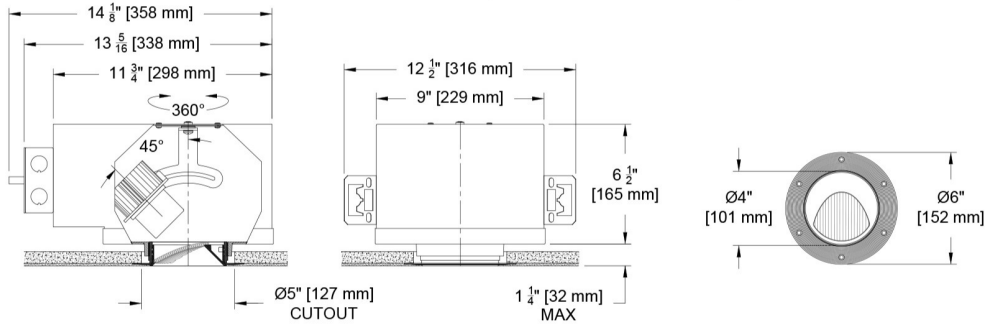
## Ceiling Cutouts and Dimensions

Deep Regress Shown - others similar

### Round Flangeless Housing

### Plaster Mount (P/AP)

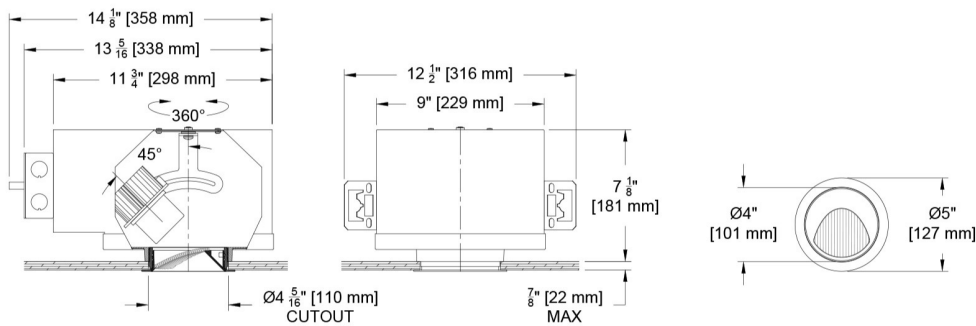
(CR4WW-RA-Z-P/AP)



### Round Flanged Housing

### Flanged Mount (U/AUA)

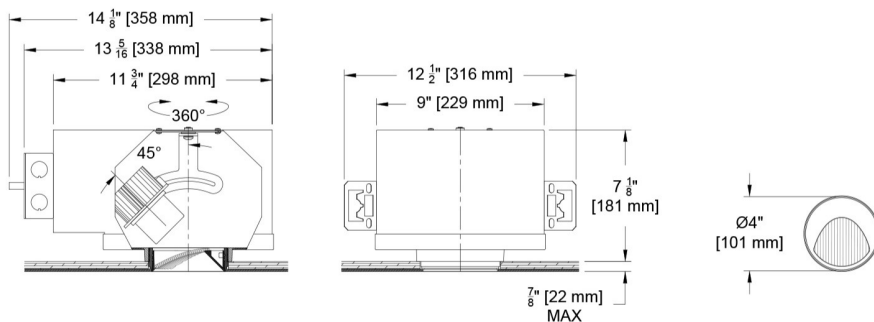
(CR4WW-RA-F-U/AU)



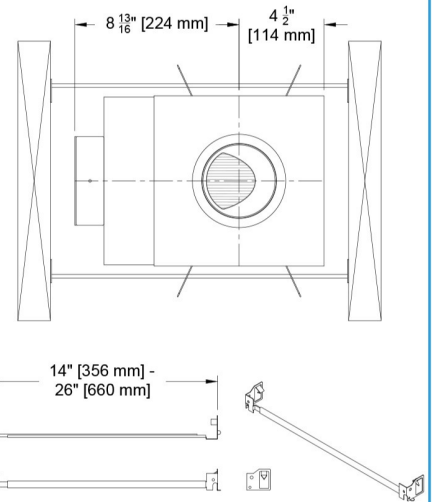
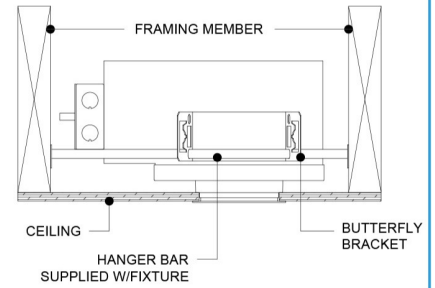
### Round Flangeless Housing

### Panel Mount (PM)

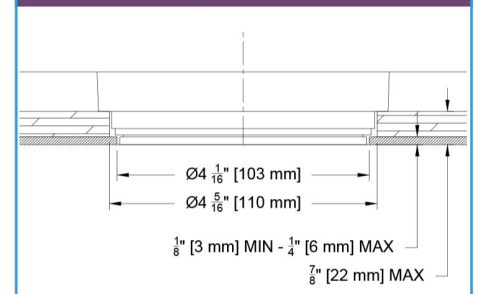
(CR4WW-RA-Z-PM)



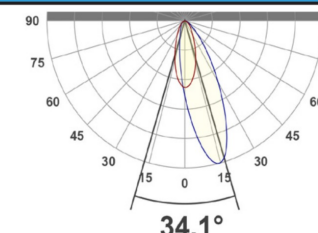
### Hanger Bar Detail



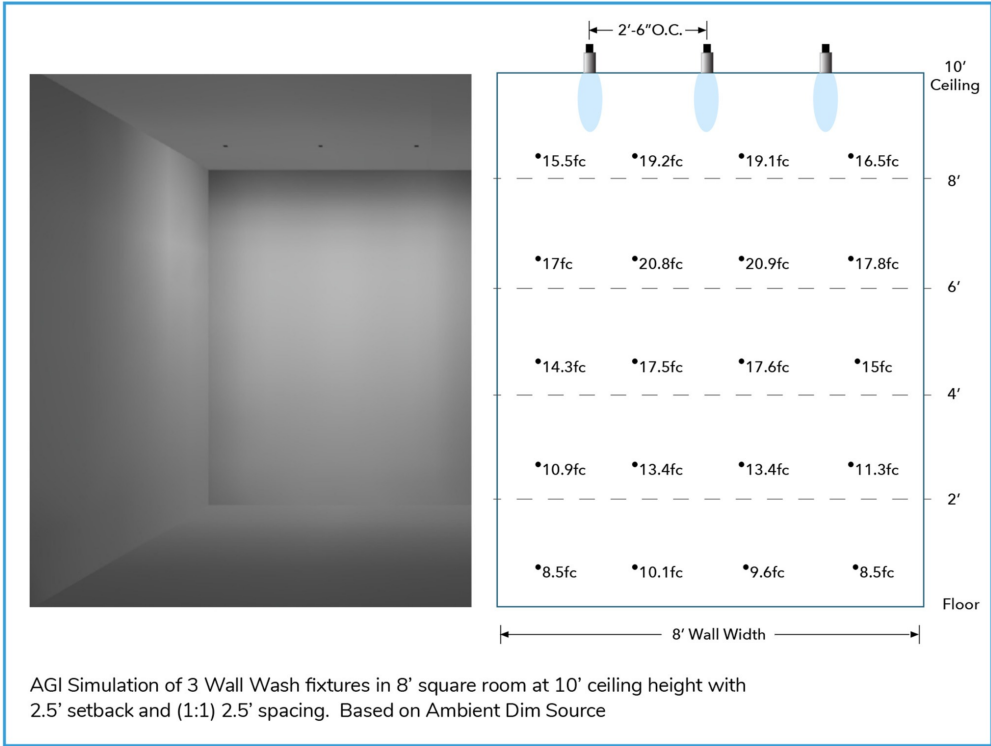
### Panel Mount Detail



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

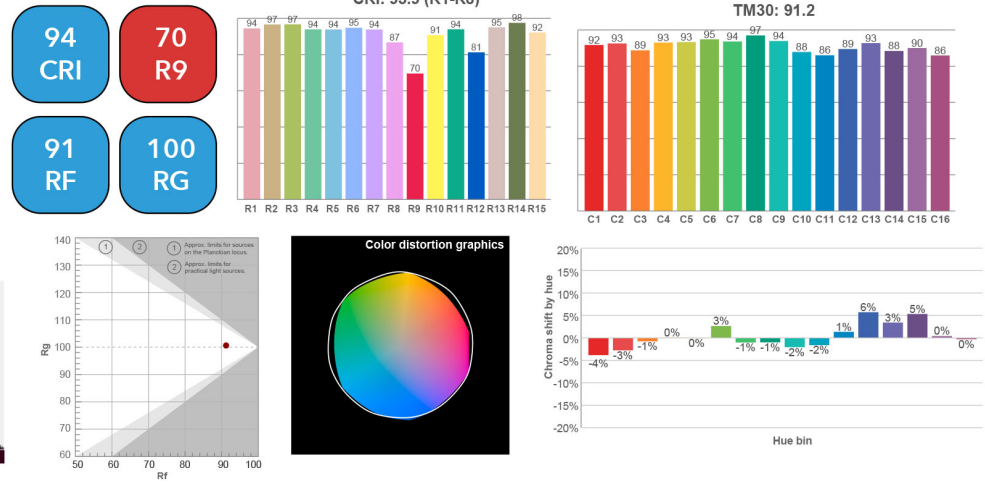


## Color Data

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

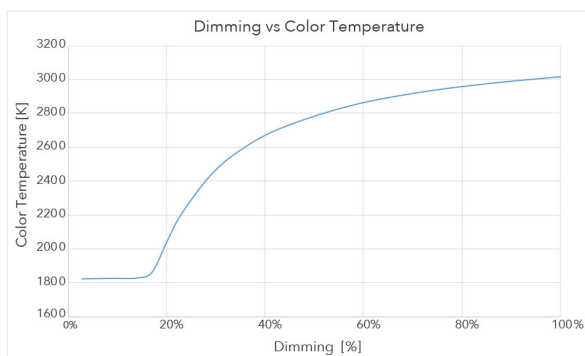
### Citizen Sources - C14, C20 and C28

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

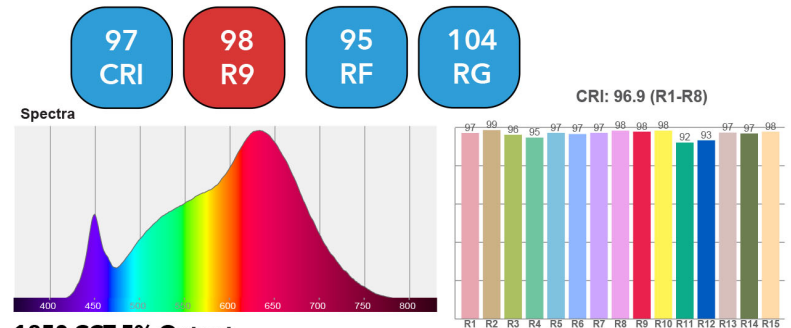


### Ambient Dim - 3000k to 1900k

- <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

