

The Core Family

Welcome to the Core line of fixtures. You will find a rich diversity of technical and aesthetic options with over 14 finishes including custom wood trims, flux and source selections featuring 90+ CRI fixed white and our world class Ambient Dim (Warm Dim), a 3.7:1 uniformity ratio from top to bottom of the wall and plethora of driver and control choices. The Core 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.

PROJECT:

TYPE:

SPECIFIER:

DATE:

Key Points (CR4WW-RF)




Trim

- Flange 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
- 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 1616 delivered lumens
- 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

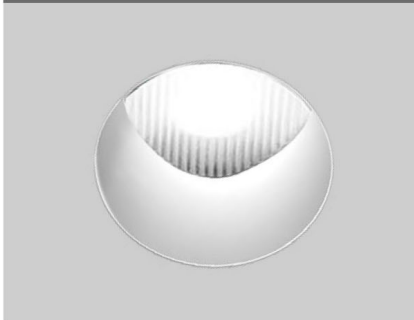
Housing

-  Compliant to  with Airtight Housing (C14 source only)
-  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

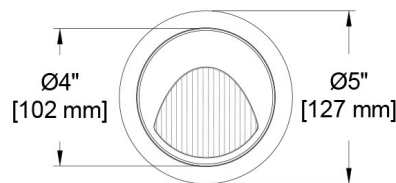
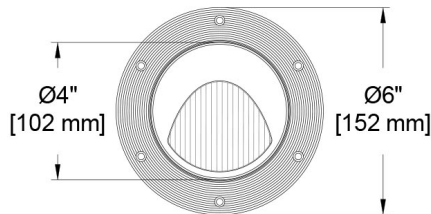
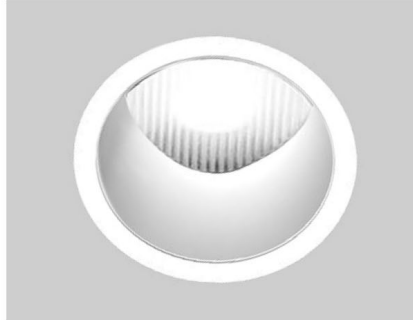
Driver

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

4" Round WW Z (Flangeless)



4" Round WW F (Flanged)



Wood Trim Available

Ordering Codes

PROJECT:

SPECIFIER:

DATE:

TYPE:

QUANTITY:

Ordering Code Example: CR4WW-RF-F-AU-C20-35-E2-P16-CP

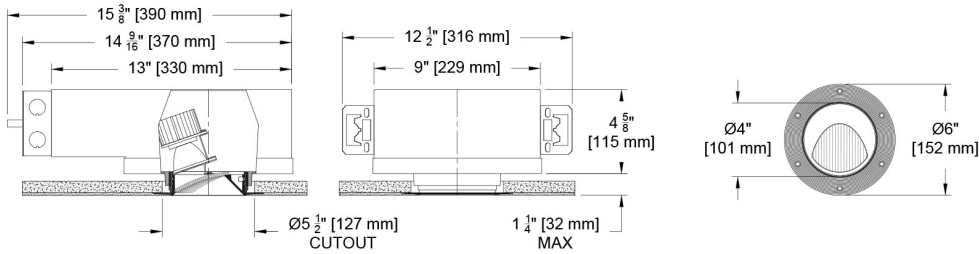
FIXTURE	TRIM	MOUNTING	SOURCE / WATTS	CCT	DRIVER / CONTROL	TRIM FINISH	ACCESSORIES
CR4WW-RF							
Core 4" Round Fixed Wall Wash	<div>Flanged Trims</div> <div>F</div> <div>Flanged Trim</div> <div>FS</div> <div>Flanged Shower Trim*</div> <div>(for mounting choose from Flanged Housings)</div> <div>Flangeless Trims</div> <div>Z</div> <div>Flangeless Trim</div> <div>ZS</div> <div>Flangeless Shower Trim*</div> <div>(for mounting choose from Flangeless Housings)</div> <div>* Aperture Lens Required</div>	<div>Flanged Housings</div> <div>U</div> <div>Universal - Non IC Housing</div> <div>AU</div> <div>Universal IC/Airtight</div> <div>Flangeless Housings</div> <div>P</div> <div>Plaster</div> <div>AP</div> <div>Plaster IC/Airtight</div> <div>PM</div> <div>Panel Mount</div> <div>APM</div> <div>Panel Mount Airtight/IC</div> <div>Supports CA Title 24 Compliance</div>	<div>Citizen</div> <div>C14</div> <div>14W</div> <div>833Lm</div> <div>90+CRI, 60+R9</div> <div>C20</div> <div>20W</div> <div>1056Lm</div> <div>90+CRI, 60+R9</div> <div>C28</div> <div>31W</div> <div>1616Lm</div> <div>90+CRI, 60+R9</div> <div>C32</div> <div>35W</div> <div>2751Lm</div> <div>90+CRI, 60+R9</div> <div>Tunable</div> <div>T9</div> <div>90+CRI, 60+R9</div> <div>Tunable White</div> <div>T15</div> <div>90+CRI, 60+R9</div> <div>Tunable White</div> <div>T20</div> <div>90+CRI, 60+R9</div> <div>Tunable White</div> <div>RGBW</div> <div>90+CRI, 60+R9</div> <div>Ambient Dim™</div> <div>A14</div> <div>15W</div> <div>578Lm</div> <div>95+CRI, 90+R9</div> <div>A20</div> <div>21W</div> <div>858Lm</div> <div>95+CRI, 90+R9</div> <div>Supports CA Title24 Compliance</div> <div>~See Photometrics chart for latest performance data</div>	<div>24</div> <div>2400K</div> <div>27</div> <div>2700K</div> <div>30</div> <div>3000K</div> <div>35</div> <div>3500K</div> <div>40</div> <div>4000K</div> <div>Tunable</div> <div>TW1840</div> <div>1800-4000K</div> <div>Tunable White</div> <div>w/ E1, E2, E3, E4</div> <div>TW2765</div> <div>2700-6500K</div> <div>Tunable White</div> <div>w/ E1, E2, E3, E4</div> <div>RG1280</div> <div>1200-8000K</div> <div>RGBW Dynamic Color Changing</div> <div>*Requires E2 or E4</div> <div>Ambient Dim™</div> <div>2722</div> <div>2700-2200K</div> <div>* A14 Only</div> <div>3019</div> <div>3000-1900K</div> <div>3022</div> <div>3000-2200K</div> <div>* A14 Only</div>	<div>C1</div> <div>0-10</div> <div>1.0%, UNV (120-277V)</div> <div>linear</div> <div>C2</div> <div>ELV/Triac</div> <div>1.0%, (120V)</div> <div>linear</div> <div>E1</div> <div>0-10</div> <div>0.1%, UNV (120-277V)</div> <div>log</div> <div>E2</div> <div>DALI-2</div> <div>0.1%, UNV (120-277V)</div> <div>log</div> <div>E3</div> <div>0-10</div> <div>0.1%, UNV (120-277V)</div> <div>linear</div> <div>E4^</div> <div>DMX</div> <div>0.1%, UNV (120-277V)</div> <div>Universal DMX Driver/Controller</div> <div>RGBW-DMX</div> <div>^ INCLUDES DMX/RDM COMPATIBLE DRIVER WITH BUILT-IN DECODER - CONTROLLER BY OTHERS</div> <div>Lutron</div> <div>LD</div> <div>Digital Ecosystem</div> <div>1.0%, UNV (120-277V)</div> <div>ECO Hi-Lume</div> <div>SoftOn/Fade-to-Black</div> <div>LDE1</div> <div>LP</div> <div>Digital Ecosystem*</div> <div>0.1%, UNV (120-277V)</div> <div>ECO Premier Hi-Lume</div> <div>SoftOn/Fade-to-Black,</div> <div>PEQ0, 20W max</div>	<div>W</div> <div>White Paint</div> <div>B</div> <div>Black Paint</div> <div>D</div> <div>Wood*</div> <div>PXX</div> <div>Specialty Paint Color*</div> <div>P01-P15</div> <div>C</div> <div>Custom/RAL Color**</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>FINISH GUIDE LINK</div> <div>WOOD TRIM GUIDE</div>	<div>EM</div> <div>Emergency Pack</div> <div>CP</div> <div>Chicago Plenum</div> <div>Controls</div> <div>LR</div> <div>Lutron Wireless RF PowPak</div> <div>ATH</div> <div>Lutron Athena Wireless Node</div> <div>Must be used with E2 driver</div> <div>CA</div> <div>Casambi Wireless BLE to be paired with driver</div>

Ceiling Cutouts and Dimensions

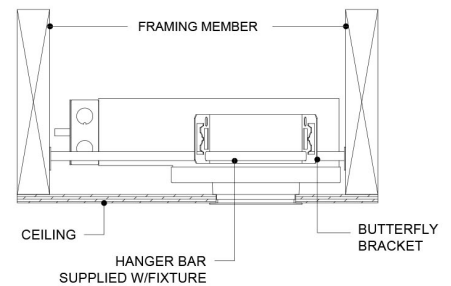
Round Flangeless Housing

Plaster Mount (P/AP)

(CR4WW-RF-Z-P/AP)



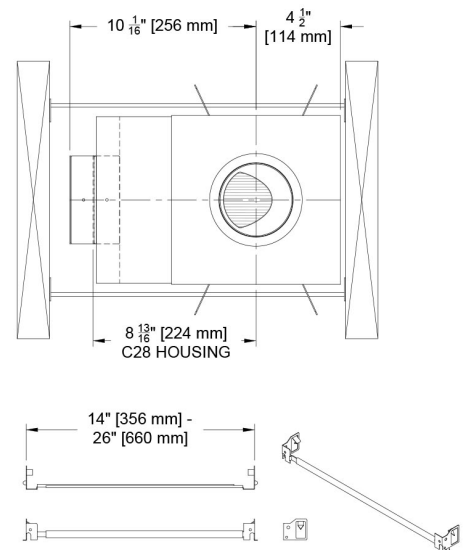
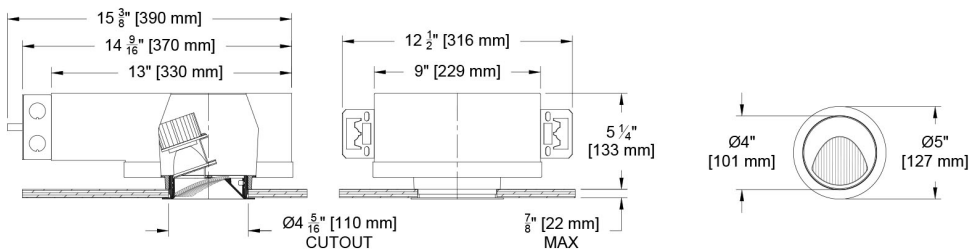
Hangar Bar Detail



Round Flanged Housing

Flanged Mount (U/AU)

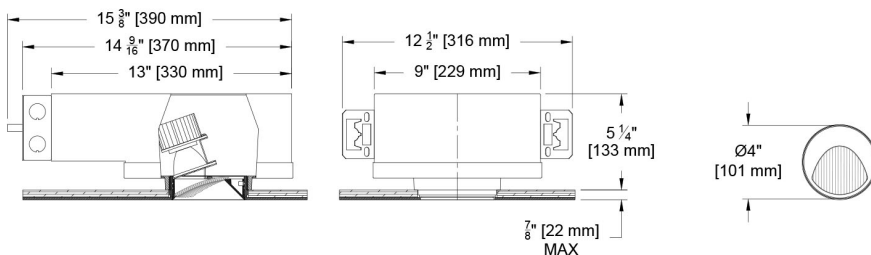
(CR4WW-RF-F-U/AU)



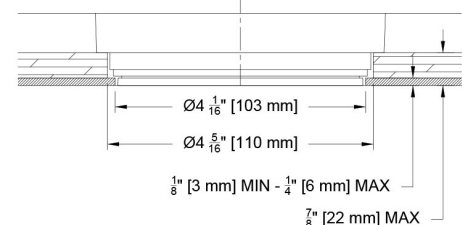
Round Flangeless Housing

Panel Mount (PM)

(CR4WW-RF-Z-PM)



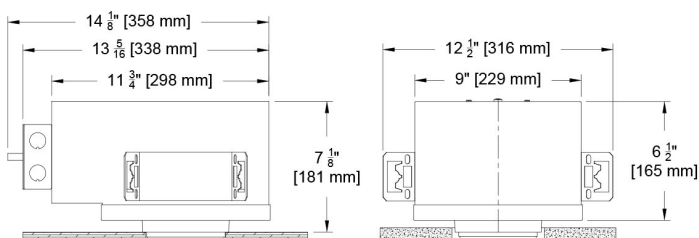
Panel Mount Detail



Round Housing for

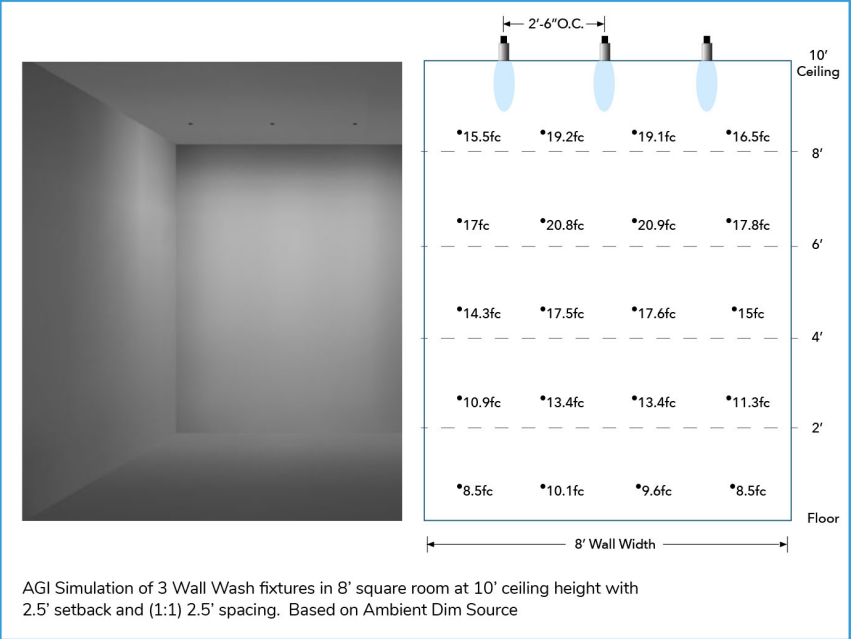
(P) (U) (PM) C28 Only*

(CR4WW-RF-F/Z-P/U/PM-C28)



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 Wall Wash (CR4WW-RF)			
Source	System watts (W)	Delivered Lumens (lm)	Lumens/ Watt
Citizen C14	14	833	60
Citizen C20	20	1056	53
Citizen C28*	31	1616	53
Ambient Dim A14	14	578	40
CCT Multiplier			
CCT	Citizen		
2700	0.95		
3000	1.00		
3500	1.02		
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			

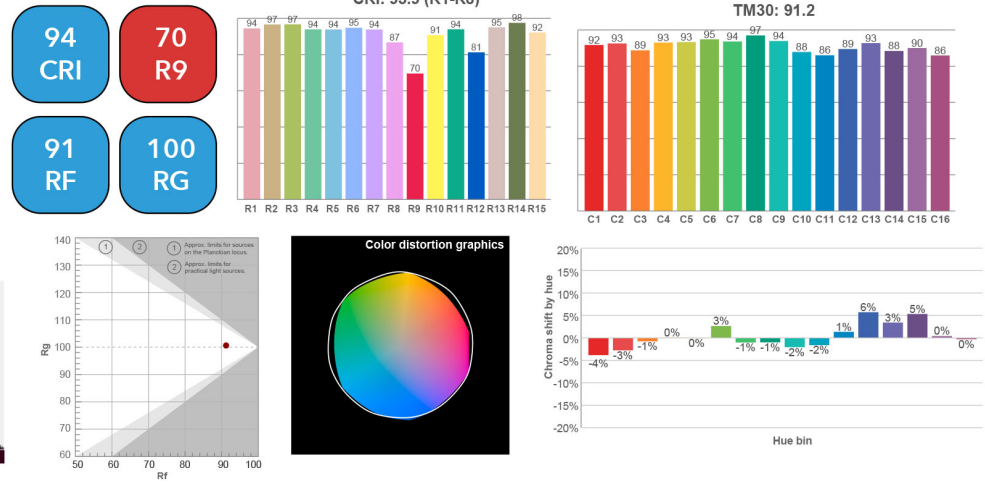


Color Data

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

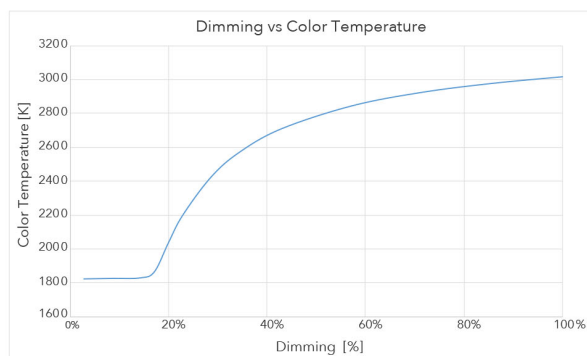
Citizen Sources - C14, C20 and C28

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

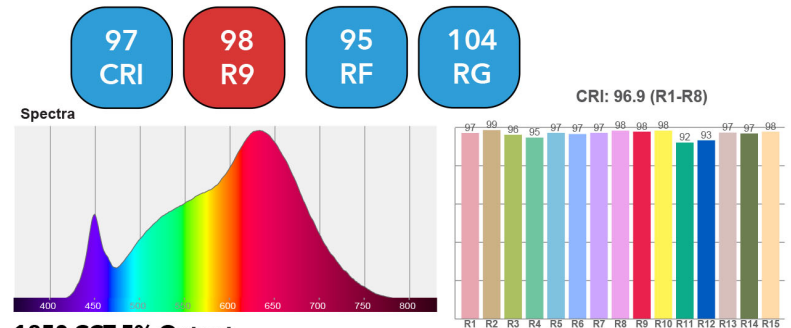


Ambient Dim - 3000k to 1900k

- <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

