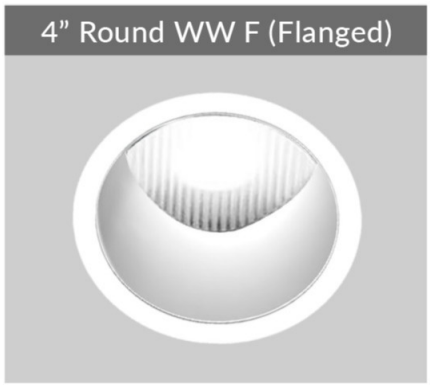
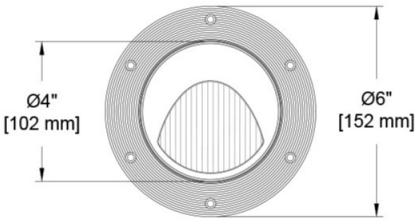
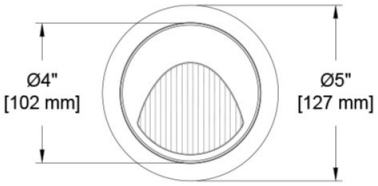
The Core Family

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.











Wood Trim Available

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

- 2400K, 2700K, 3000K, 3500K, 4000K
- AmbientDim™, 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

- TITLE 24 Compliant to JA8 with Airtight Housing (C14 source only)
- c SP us 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

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Ordering Codes

PROJECT: SPECIFIER:

DATE: TYPE: QUANTITY:

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

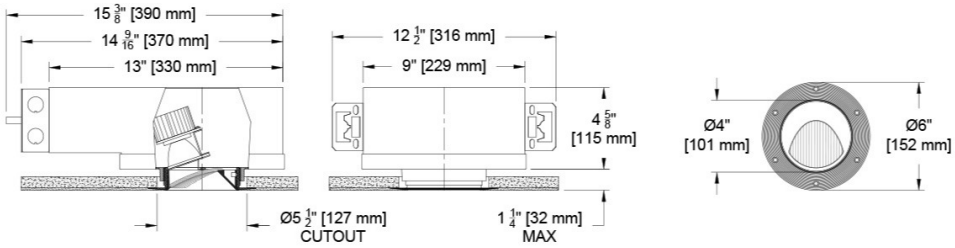
FIXTURE	TRIM	MOUNTING	LUMENS / WATTS	CCT	DRIVER / CONTROL	TRIM FINISH	ACCESSORIES
CR4WW-RF							
Core 4" Round Fixed Wall Wash	**Flangeless Trims** Z Flangeless Trim ZS Flangeless Shower Trim* *(for mounting choose from Flangeless Housings)* **Flanged Trims** F Flanged Trim FS Flanged Shower Trim* *(for mounting choose from Flanged Housings)* * Aperture Lens Required	**Flangeless Housings** APM Airtight Panel Mount *IC-Rated* P Plaster AP Airtight Plaster *IC-Rated* PM Panel Mount **Flanged Housings** U Universal - Non IC Housing ASU * Airtight Shallow Universal *IC-Rated* AU Airtight Universal *IC-Rated* **Shallow Housing** ASPM Airtight Shallow Panel *IC-Rated* ASU Airtight Shallow Universal *IC-Rated* ASP Airtight Shallow Plaster *IC-Rated* Supports CA Title 24 Compliance	**Citizen** C14 14W 833Lm 90+CRI, 60+R9 C20 20W 1056Lm 90+CRI, 60+R9 C28 31W 1616Lm 90+CRI, 60+R9 C32 35W 2751Lm 90+CRI, 60+R9 **Tunable** T9 90+CRI, 60+R9 *Tunable White* T15 90+CRI, 60+R9 *Tunable White* T20 90+CRI, 60+R9 *Tunable White* RGBW 90+CRI, 60+R9 **Ambient Dim™** A14 15W 578Lm 95+CRI, 90+R9 A20 21W 858Lm 95+CRI, 90+R9 Supports CA Title24 Compliance ~See Photometrics chart for latest performance data	24 2400K 27 2700K 30 3000K 35 3500K 40 4000K **Tunable** TW1840 1800-4000K Tunable White *w/ E1, E2, E3, E4* TW2765 2700-6500K Tunable White *w/ E1, E2, E3, E4* RG1280 1200-8000K RGBW Dynamic Color Changing **Requires E2 or E4* **Ambient Dim™** 2722 2700-2200K ** A14 Only* 3019 3000-1900K 3022 3000-2200K ** A14 Only*	C1 0-10 1.0%, UNV (120-277V) linear C2 ELV/Triac 1.0%, (120V) linear E1 0-10 0.1%, UNV (120-277V) log E2 DALI-2 0.1%, UNV (120-277V) log E3 0-10 0.1%, UNV (120-277V) linear 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* TR2 TruPhase™ 0.1%, (120-120V) log Up to 20W Forward and Reverse compatible Phase Dimming Static White & Ambient Dim only LD Digital Ecosystem 1.0%, UNV (120-277V) ECO Hi-Lume SoftOn/Fade-to-Black LDE1	W White Paint B Black Paint D Wood* PXX Specialty Paint Color* P01-P15 C Custom/RAL Color** * Wood "D" selection to be used with Z trim and PM mounting - Refer to Wood Trim Guide ** Refer to Finish Guide FINISH GUIDE LINK WOOD TRIM GUIDE	EM Emergency Pack* **Remote Required* CP Chicago Plenum BABA BABA Compliant BABA Products CA Casambi Wireless BLE to be paired with driver **Controls** LR Lutron Wireless RF PowPak ATH Lutron Athena Wireless Node *Must be used with E2 driver*

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Ceiling Cutouts and Dimensions

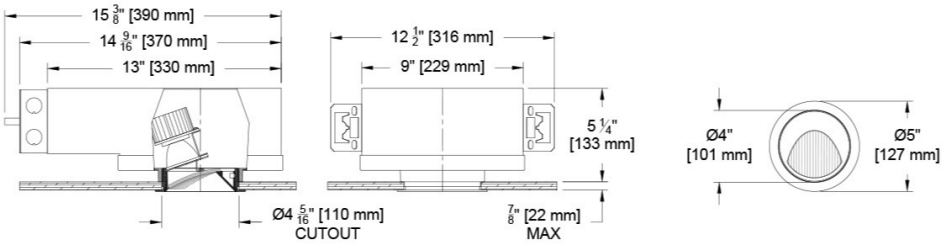
Round Flangeless Housing | Plaster Mount (P/AP)

CR4WW-RF-Z-P/AP-



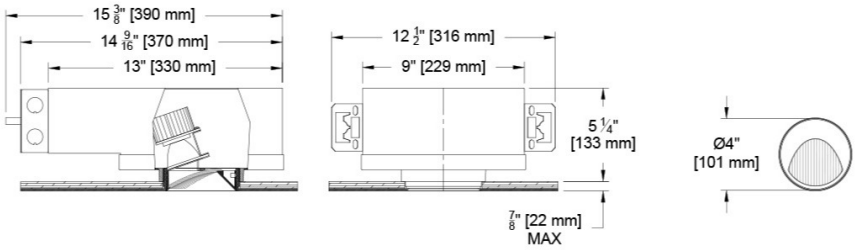
Round Flanged Housing | Universal Mount (U/AU)

CR4WW-RF-F-U/AU-



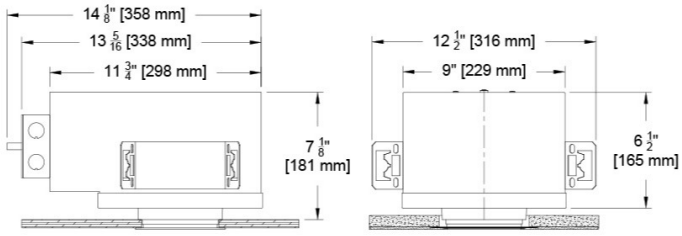
Round Flangeless Housing | Panel Mount (PM)

CR4WW-RF-Z-PM-

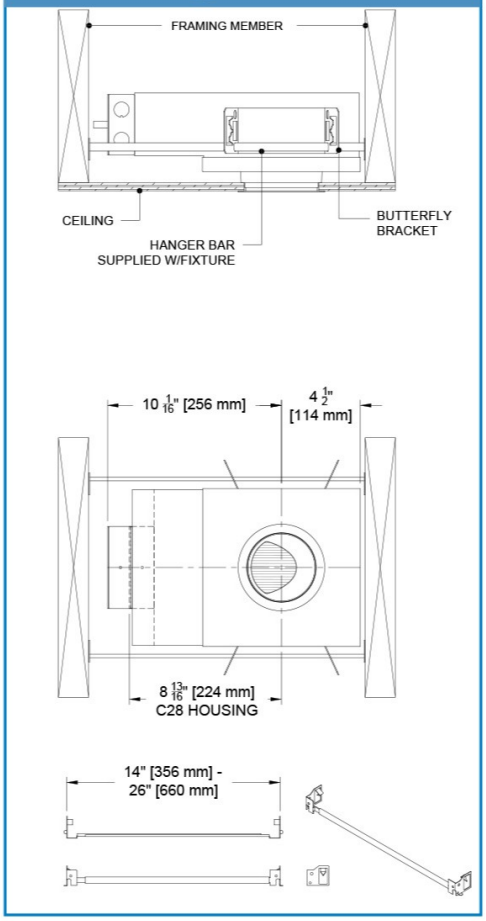


Round Housing for (P) (U) (PM) C28 Only*

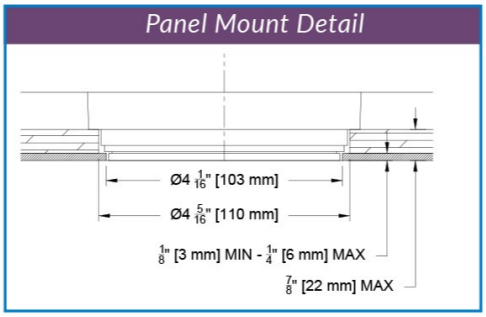
CR4WW-RF-F/Z-P/U/PM-C28-



Hanger Bar Detail



Panel Mount Detail

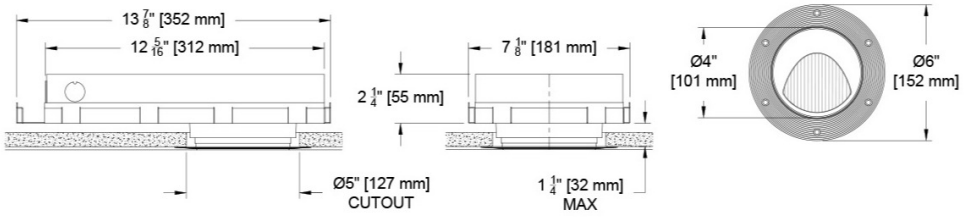


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Ceiling Cutouts and Dimensions

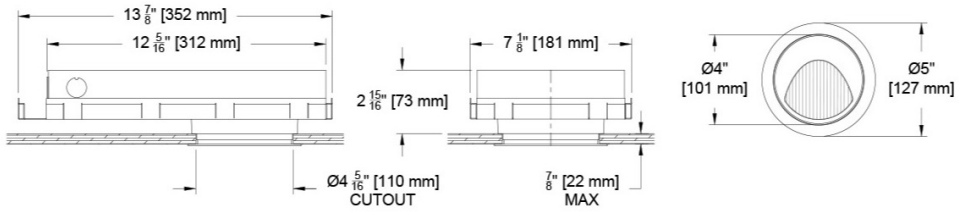
Round Flangeless Housing | Airtight Shallow Plaster (ASP)

CR4WW-RF-DR-Z-ASP-



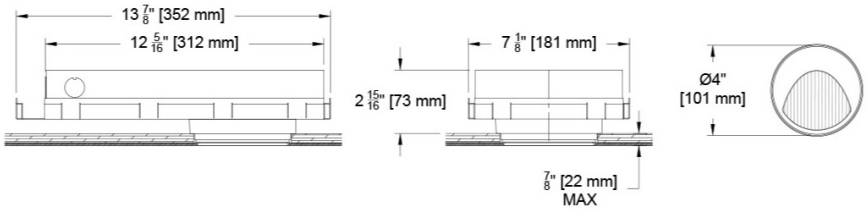
Round Flanged Housing | Airtight Shallow Universal (ASU)

CR4WW-RF-DR-F-ASU-

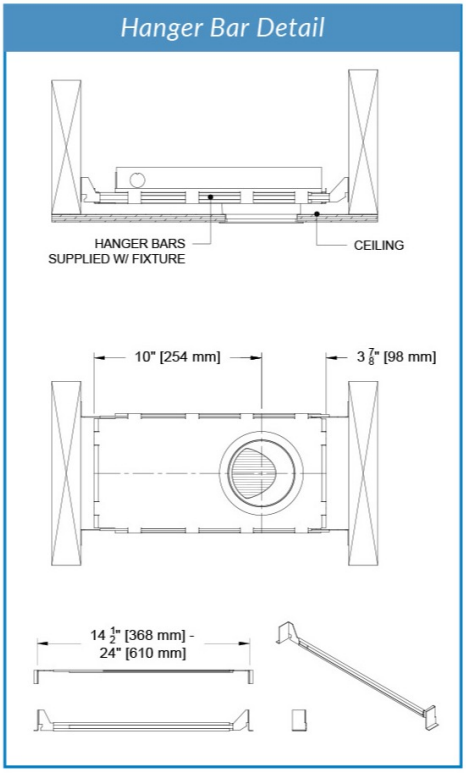


Round Flangeless Housing | Airtight Shallow Panel (ASPM)

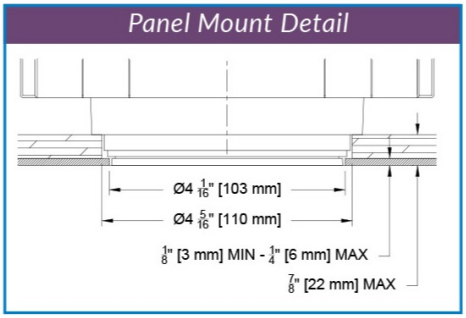
CR4WW-RF-Z-ASPM-



Hanger Bar Detail



Panel Mount Detail



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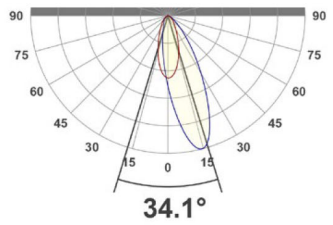
Photometric Table

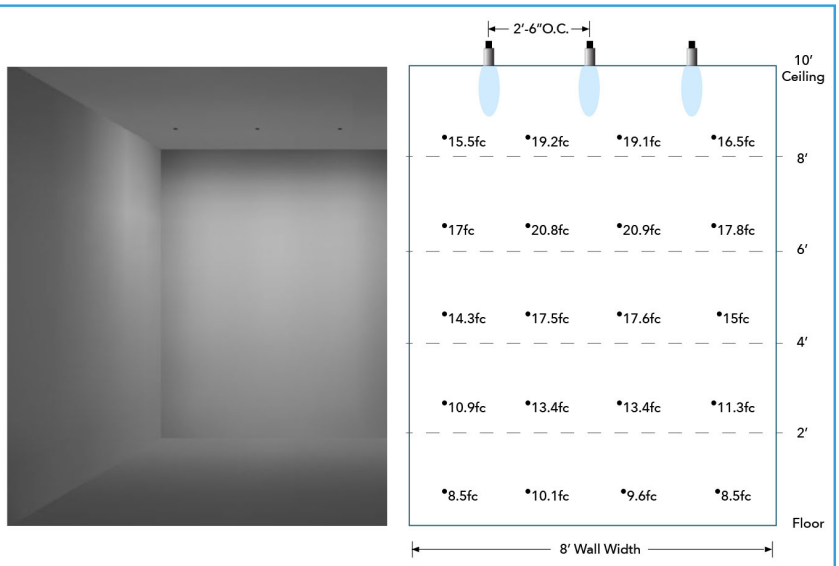
All data is based from goniometer measurements of production representative product. All lumen values can vary +/- 10% from LED manufacturer rated flux range. Measurements at 3000 CCT.

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





AGI Simulation of 3 Wall Wash fixtures in 8' square room at 10' ceiling height with 2.5' setback and (1:1) 2.5' spacing. Based on Ambient Dim Source

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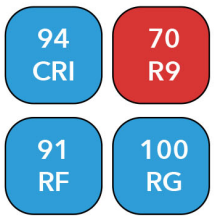
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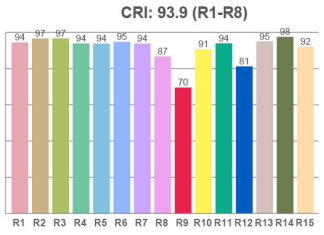
Color Data

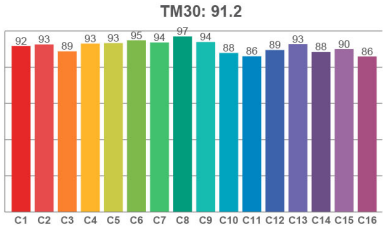
All data is based from goniometer measurements of production representative product. All values can vary +/- 10% from LED manufacturer rated data range. Measurements at 3000 CCT.

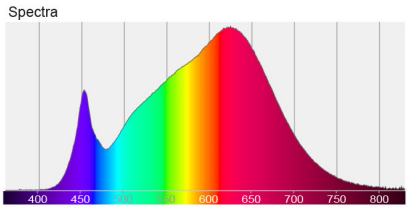
Citizen Sources - C14, C20 and C28

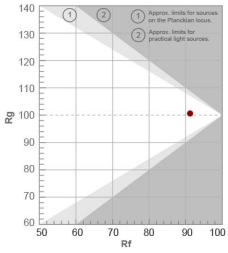
- <2 MacAdam Ellipse (<2 SDCM)
- 90+ CRI and RF
- 60+R9, Hue Bin 1

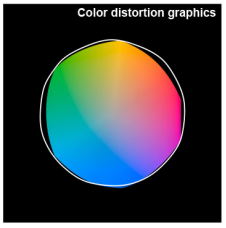


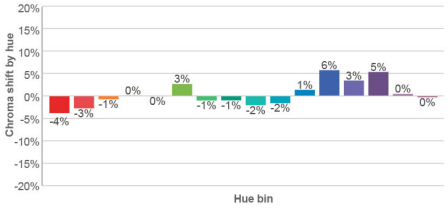






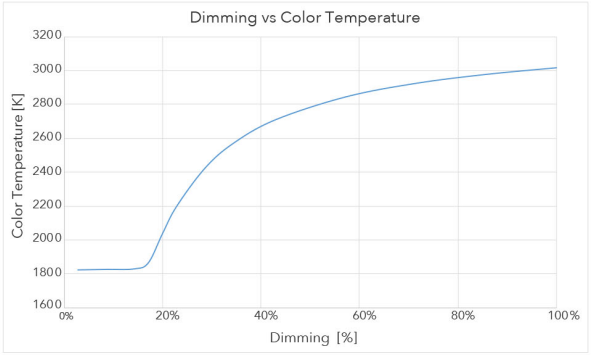






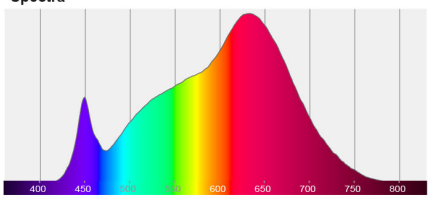
Ambient Dim - 3000k to 1900k

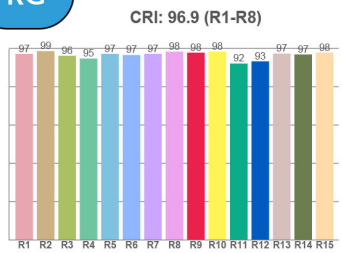
- <3 MacAdam Ellipse (<3 SDCM)
- 95+ CRI and RF
- 90+R9, Hue Bin 1
- Follows Black Body Locus through dimming range



3000 CCT Full Output

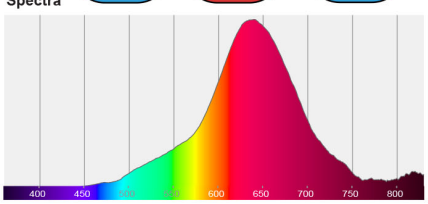


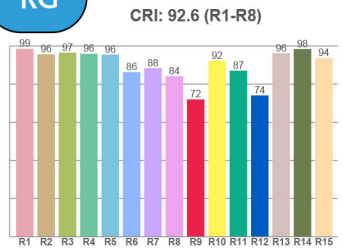




1850 CCT 5% Output







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