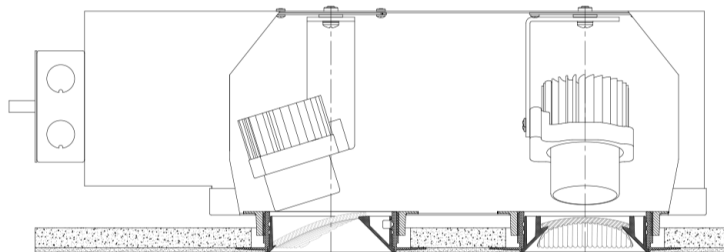
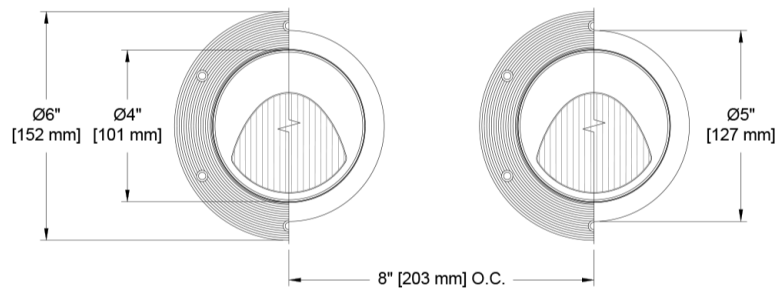
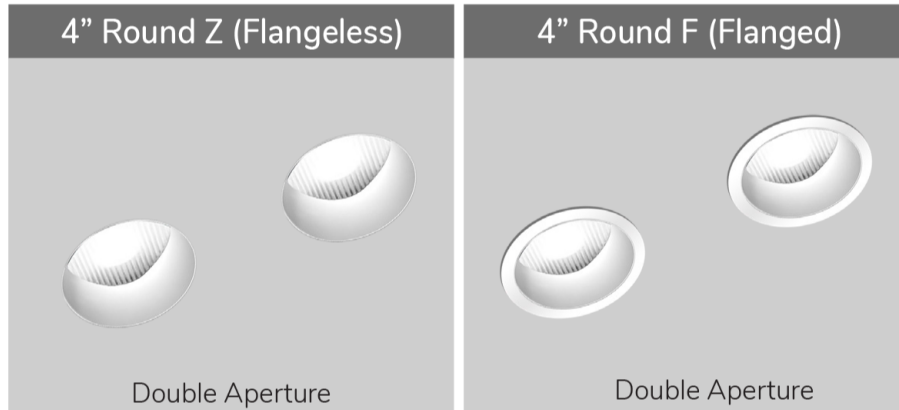


## The Core Family

When one wall wash is not enough, you can make it a double. Need more light, or savings on installation costs, this 8" on center dual aperture fixture delivers a rich diversity of technical and aesthetic options including field configurable wall wash orientations for adjacent or opposite walls, 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 wall and a 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 for it.



PROJECT:

TYPE:

SPECIFIER:

DATE:

### Key Points (CR4MWW-RMDL)

#### Trim

- Flanged or Flangeless
- Trim and light engine can be field adjusted 358° to wash adjacent or oppsite walls or objects
- 14 color options + custom RAL or wood available
- One-piece die cast aluminum or machined wood trim
- Plaster Mount has plaster flange and lip

#### Source / Optics

- Wall wash achieves a uniform 3.7:1 ratio from top to bottom of 10' wall
- Over 3200 lumens delivered with both apertures and C28 source selection
- <2 MacAdam Steps (<2SDCM) for fixed white
- 90 CRI , 60+ R9 Standard- 95 CRI 90+R9 Optional with Ambient Dim
- 2400K, 2700K, 3000K, 3500K, 4000K  
Ambient Dim, RGBW & Tunable White options
- Lifetime: L87B3>55,000 hours at 40°C Ambient

#### Housing

- 3 types of flangeless mounting options
- Heavy gauge aluminum for new construction or remodel
- IC Rated / Airtight Housing approved for use in direct contact with insulation – Chicago Plenum Available
- Approved for 8 (4-in / 4-out) #12 AWG conductors rated for 90°C through wiring
- cULus Listed – Damp or wet with shower trim
- ETL 24 Compliant to JA8 with Airtight/IC Housing

#### Driver

- Universal 120-277v
- Dimming to 0.1% available
- Prewired and integral to housing
- Flicker free to IEEE 1789-2015
- Phase, 0-10, DALI-2, DMX, Ecosystem or Wireless Control

## Ordering Codes

PROJECT:

SPECIFIER:

DATE:

TYPE:

QUANTITY:

*Ordering Code Example: CR4MWW-RMDL-Z-AU-C20-35-C1-2C-P14-LR*

FIXTURE	TRIM	MOUNTING	SOURCE / WATTS	CCT	DRIVER / CONTROL	CIRCUITS	TRIM FINISH	ACCESSORIES	
CR4MWW-RMDL									
Core 4" Round Double Wall Wash	Flanged Trims	Flanged Housings	Citizen	24 2400K	C1 0-10 1.0%, UNV (120-277V) linear	1C 1 Circuit	W White Paint	CP Chicago Plenum	
	F Flanged Trim	U Universal - Non IC	C14 15W 679Lm** 90+CRI, 60+R9	30 3000k	C2 ELV/Triac 1.0%, (120V) linear	2C 2 Circuit		EM Emergency Pack	
	FS Flanged Shower Trim*	AU Universal IC/Airtight*	C20 21W 832Lm** 90+CRI, 60+R9	35 3500K	E1 0-10 0.1%, UNV (120-277V) log		B Black Paint	Controls	
	(for mounting choose from Flanged Housings)	Flangeless Housings	C28 30W* 1069Lm** 90+CRI, 60+R9	40 4000k	E2 DALI-2 0.1%, UNV (120-277V) log		D Wood*	LR Lutron Wireless RF PowPak	
	Flangeless Trims	P Plaster - Non IC	Tunable	27 2700k	E3 0-10 0.1%, UNV (120-277V) linear		PXX Specialty Paint Color*	ATH Lutron Athena Wireless Node Must be used with E2 driver	
	Z Flangeless Trim	AP Plaster IC/Airtight*	T9 10W 90+CRI, 60+R9 Tunable White	TW1840 1800-4000K Tunable White w/ E1, E2, E3, E4	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			CA Casambi Wireless BLE to be paired with driver	
	ZS Flangeless Shower Trim*	PM Panel Mount - Non IC	T15 15W 90+CRI, 60+R9 Tunable White	TW2765 2700-6500K Tunable White w/ E1, E2, E3, E4			C Custom/RAL Color**		
	(for mounting choose from Flangeless Housings)	APM Panel Mount Airtight/IC*	T20 21W 90+CRI, 60+R9 Tunable White	RG1280 1200-8000K RGBW Dynamic Color Changing *Requires E2 or E4					
		California Title 24 Compliant *Not compatible with C28 source	RGBW 90+CRI, 60+R9	Ambient Dim™		LD Digital Ecosystem 1.0%, UNV (120-277V) ECO Hi-Lume SoftOn/Fade-to-Black LDE1		* Wood "D" selection to be used with Z trim and PM mounting - Refer to Wood Trim Guide ** Refer to Finish Guide	
			A14 15W 95+CRI, 90+R9	2722 2700-2200K *A14 Only		LP Digital Ecosystem* 0.1%, UNV (120-277V) ECO Premier Hi-Lume SoftOn/Fade-to-Black, PEQ0, 20W max  * Not compatible with C28			
		A20 21W 95+CRI, 90+R9  California Title 24 Compliant to JA8.  * Requires Active Cooling and not compatible with IC/Airtight housing. Not compatible with L2 and LP drivers.  ** Based on single aperture.	3019 3000-1900K  3022 3000-2200K *A14 Only						

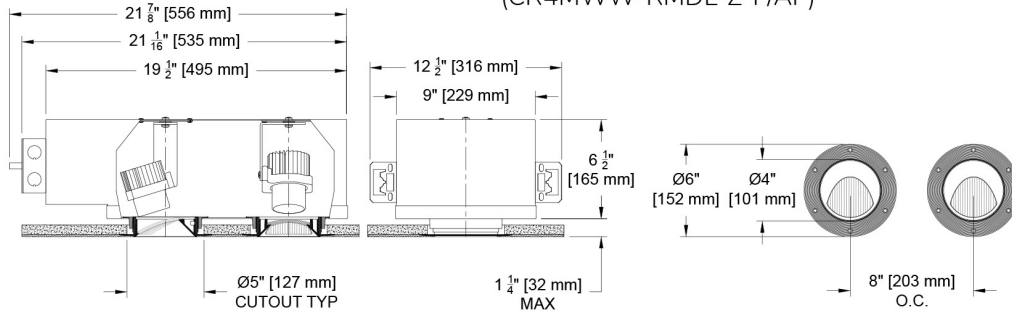
# Ceiling Cutouts and Dimensions

Wall Wash trim and light engine can be field adjusted 358° to wash adjacent or opposite walls or objects.

## 4" Round Flangeless Housing

### Plaster Mount (P/AP)

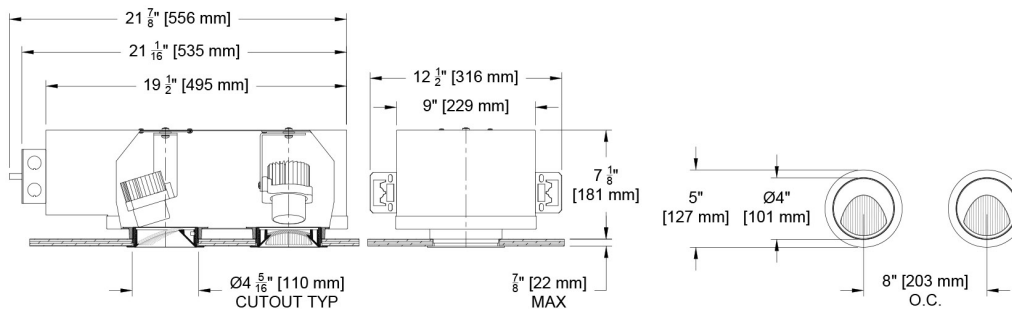
(CR4MWW-RMDL-Z-P/AP)



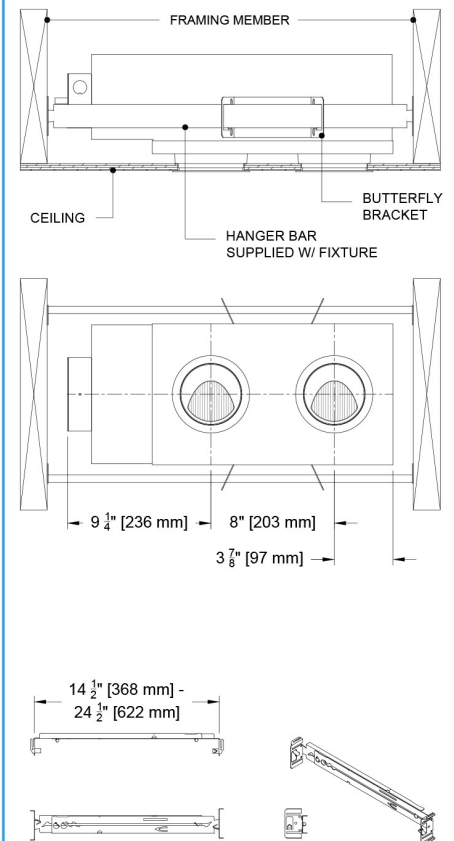
## 4" Round Flangeless Housing

### Flanged Mount (U/AU)

(CR4MWW-RMDL-F-U/AU)



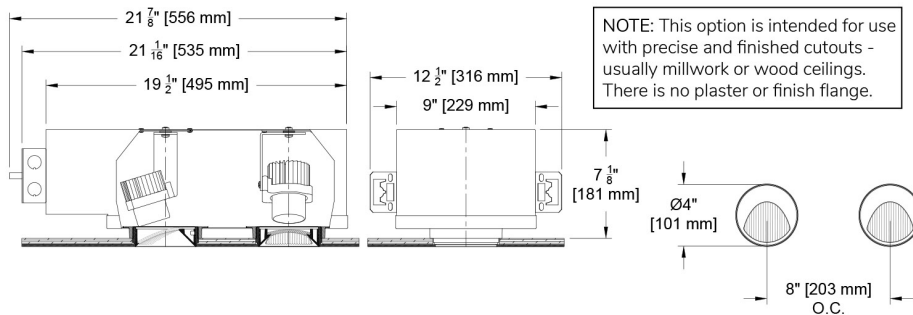
## Hanger Bar Detail



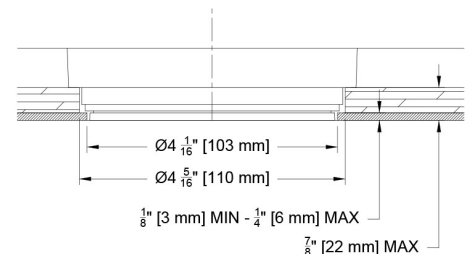
## 4" Round Flangeless Housing

### Panel Mount (PM)

(CR4MWW-RMDL-Z-PM)

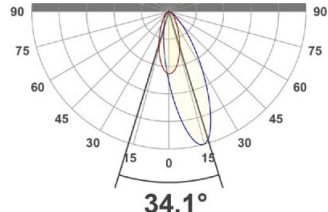


## Panel Mount Detail

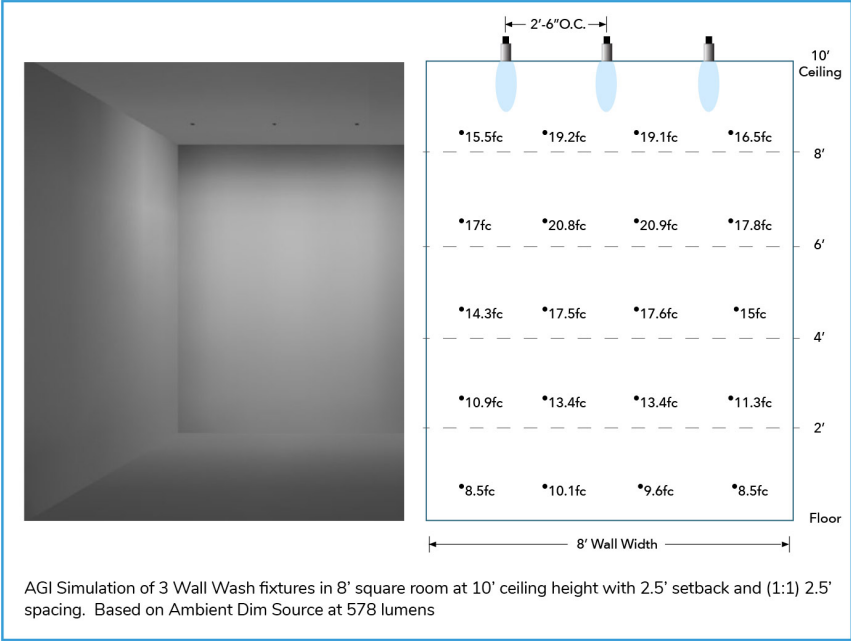


Photometric Table

Values are based on a single aperture CR4WW-RF. Calculations will require placing the second head (IES file) 8" on center from the first placed IES file in the desired orientation. All Measurements are delivered or derived delivered lumens at 3000k. Ambient dim at full output. \*C28 source requires active cooling and must be used with NIC housing for required airflow. All values can vary +/-10% from source manufacturer rated flux range.

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 values are delivered from a single aperture fixture

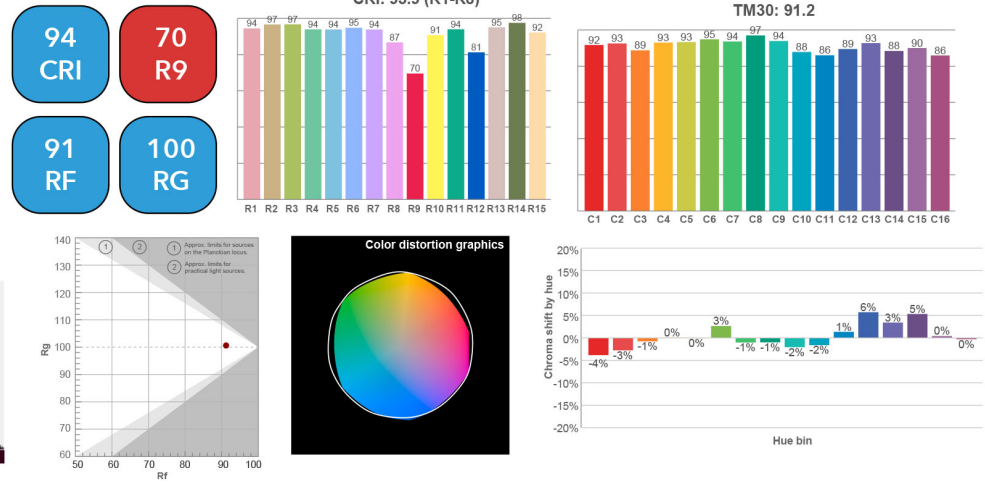


## Color Data

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.

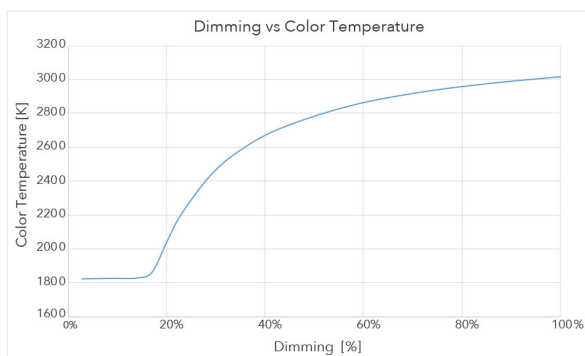
### Citizen Sources for C14, C20 and C28

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

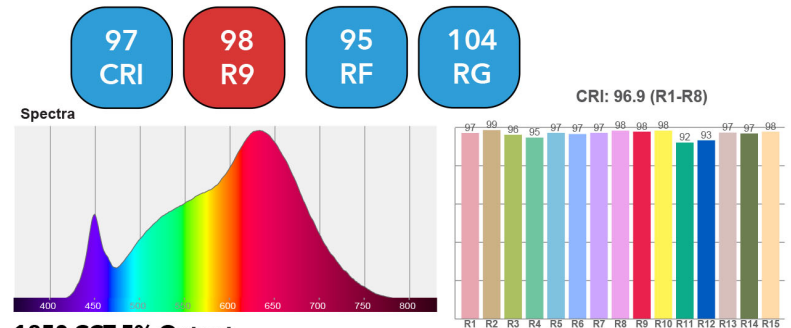


### Ambient Dim 3000k to 1900k

- <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

