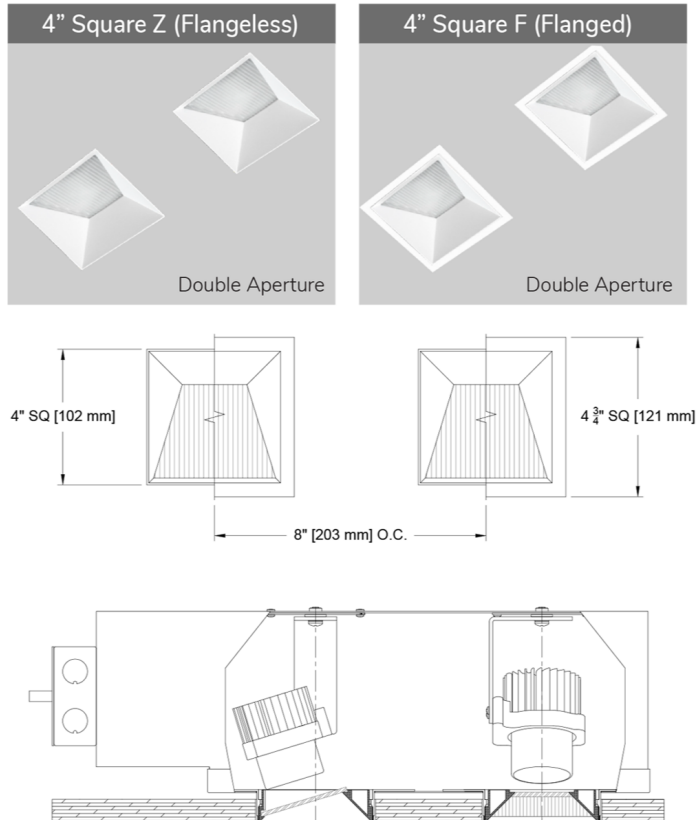


The Core Family

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-SMDL)

Trim

- Trim and light engine can be field oriented at 90° increments to wash adjacent or opposite walls
- Flanged or Flangeless
- 14 color options + custom RAL or wood available
- One-piece die cast aluminum or machined wood trim
- Plaster Mount allows installation from below with large plaster flange and lip

Source / Optics

- Wall wash achieves a uniform 3.7:1 ratio from top to bottom of 10' wall
- Over 2000 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
- 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
-  Listed – Damp or wet with shower trim
-  Compliant to  with Airtight/IC Housing

Driver

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

Recessed Fixed Multiple Aperture



PROJECT:

SPECIFIER:

DATE:

TYPE:

QUANTITY:

Fixture	Trim	Mounting	Source / Watts	CCT	Driver / Control	Circuits	Trim Finish	Accessories
CR4MWW-SMDL								
Core 4" Square 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	EM Emergency Pack* *Remote Required
	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	B Black Paint	CP Chicago Plenum
	FS Flanged Shower Trim*	AU ● ● Airtight Universal IC-Rated	C20 21W 832Lm** 90+CRI, 60+R9	35 3500K	E1 0-10 0.1%, UNV (120-277V) log		D 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 ● ● Airtight Plaster IC-Rated	T9 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		P01-P15	CA Casambi Wireless BLE to be paired with driver
	ZS Flangeless Shower Trim*	PM Panel Mount - Non IC	T20 ● ● 21W 1490Lm^ 90+CRI, 60+R9 Tunable White	TW2765 2700-6500K Tunable White w/ E1, E2, E3, E4	LD Digital Ecosystem 1.0%, UNV (120-277V) ECO Hi-Lume SoftOn/Fade-to-Black LDE1		C Custom/RAL Color**	
	(for mounting choose from Flangeless Housings)	APM ● ● Airtight Panel Mount IC-Rated	RGBW 90+CRI, 60+R9 Ambient Dim™	RGBW 1200-8000K Dynamic Color Changing Ambient Dim™		TR2 TruPhase™ 0.1%, (120-120V) log Up to 20W Forward and Reverse compatible Phase Dimming Static White & Ambient Dim only * Not compatible with C28		
		● ● California Title 24 Compliant *Not compatible with C28 source	A14 15W 95+CRI, 90+R9	2722* 2700-2200K *A14 Only				
			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. ^ Available upon request. Contact your regional sales manager.	3019 3000-1900K 3022 * 3000-2200K *A14 Only				

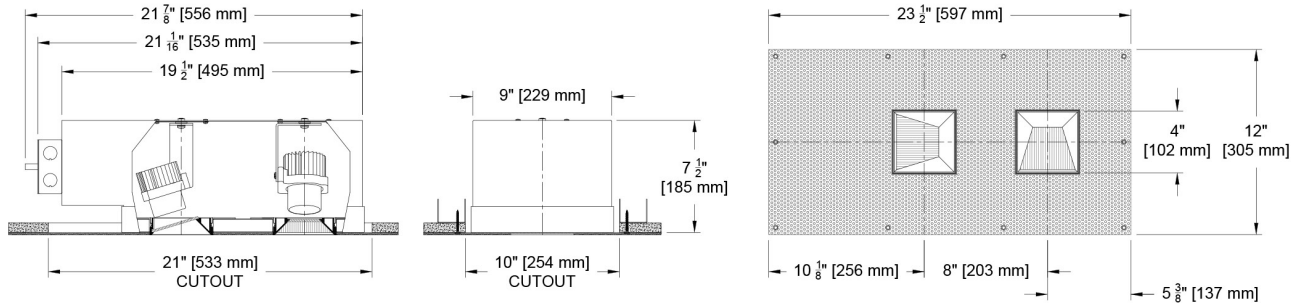
Ceiling Cutouts and Dimensions

Trim and light engine can be configured, in the field, at 90° increments to wash adjacent or opposite walls.

4" Square Flangeless Housing

Plaster Mount (P/AP)

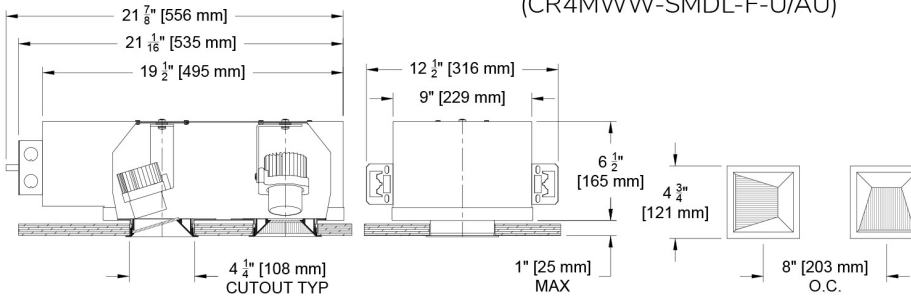
(CR4MWW-SMDL-Z-P/AP)



4" Square Flanged Housing

Flanged Mount (U/AU)

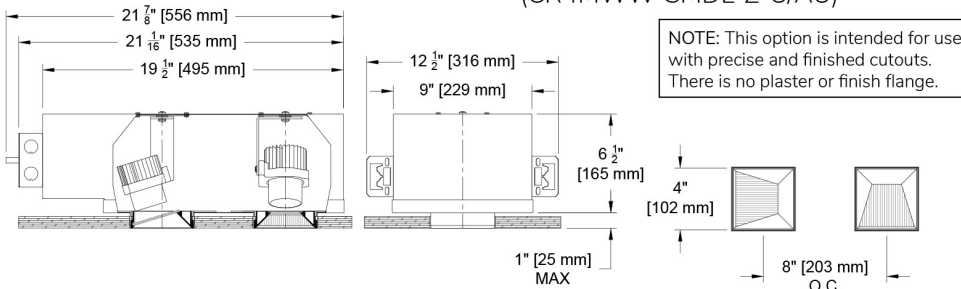
(CR4MWW-SMDL-F-U/AU)



4" Square Flangeless Housing

Flangeless Mount (U/AU)

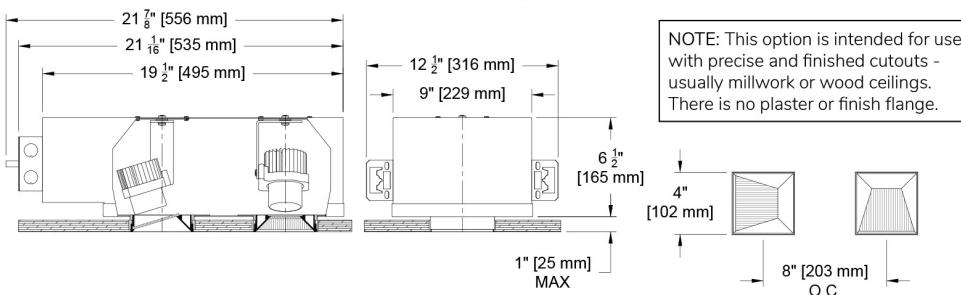
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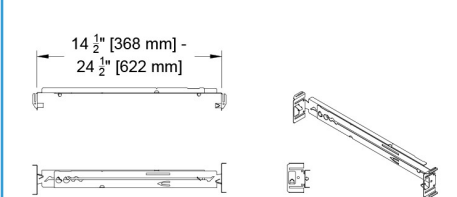
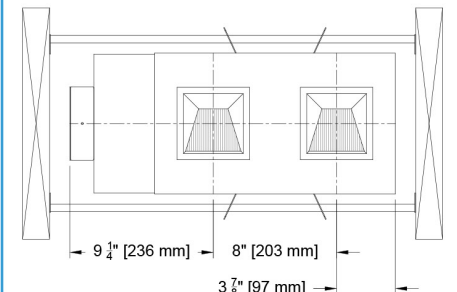
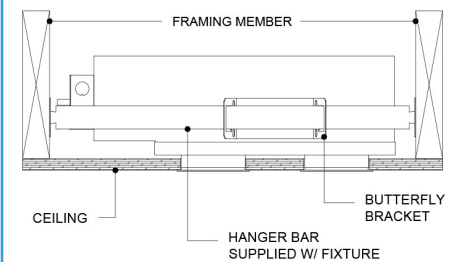
4" Square Flangeless Housing

Panel Mount (PM/APM)

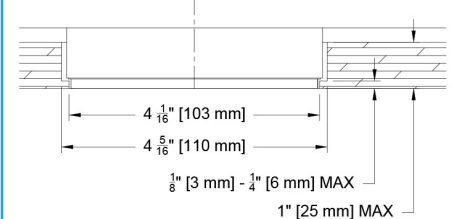
(CR4MWW-SMDL-Z-PM/APM)



Hanger Bar Detail

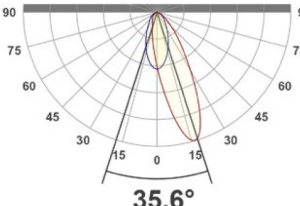


Panel Mount Detail

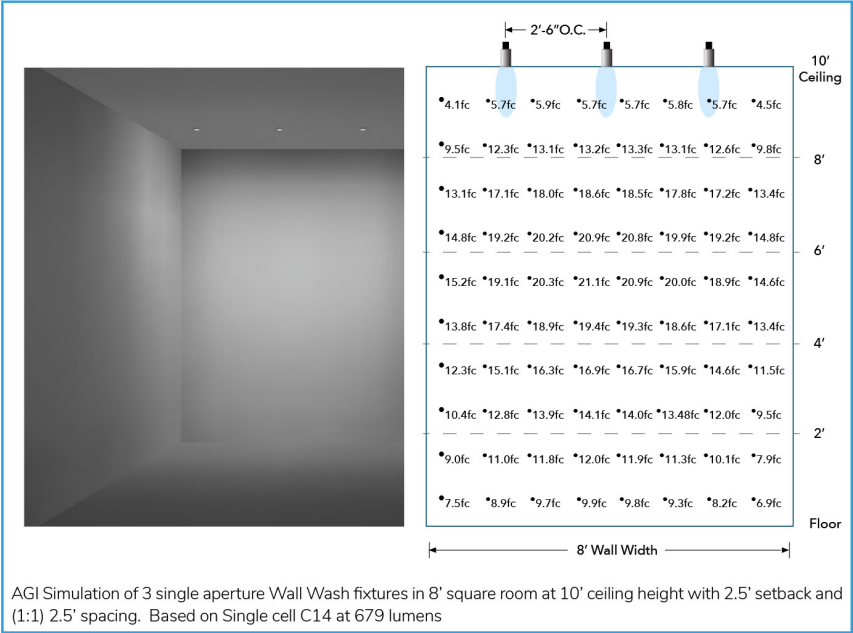


Photometric Table

Values are based on a single aperture CR4WW-SF. 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.

SQUARE Wall Wash (CR4WW-TMCF)			
Source	System watts (W)	Delivered Lumens (lm)	Lumens/ Watt
Citizen C14	14	679	49
Citizen C20	21	832	40
Citizen C28*	30	1069	35
Ambient Dim A14	15	461	31
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

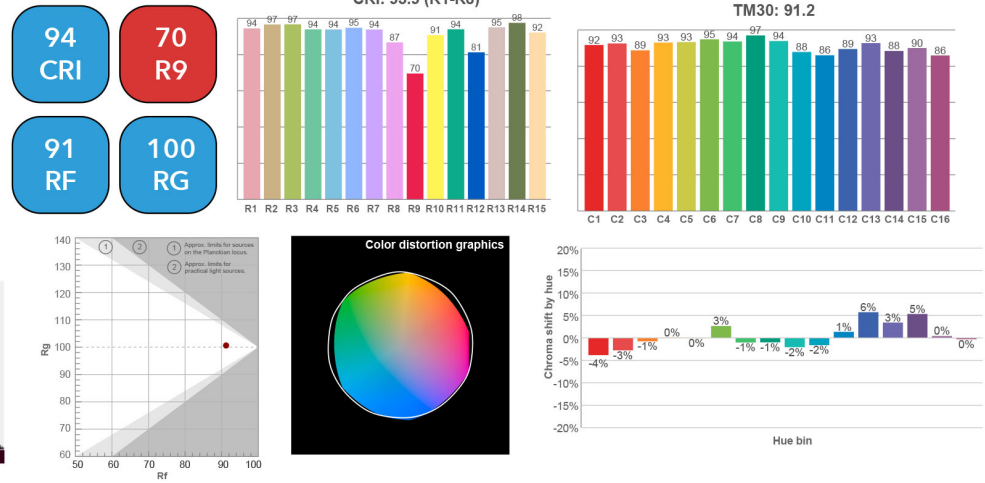


Color Data

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

