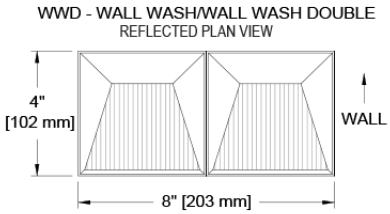
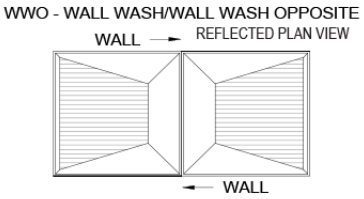
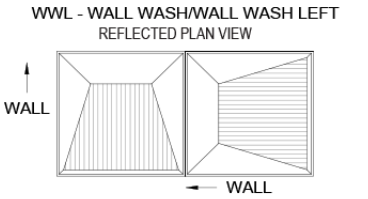
The Core Family

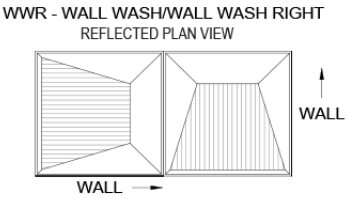
Welcome to the Core line of fixtures. The family is filled with a rich diversity of options while keeping classic forms. This member of the family allows multiple combinations of wall wash orientations. Whether needing to simply double the light or wash adjacent or opposite walls, we suspect you will find the needed combination. This version is equipped with adjustable heads if a field tweak is required. With many source, driver, control and finish options, including wood, this wall wash delivers a 3.7:1 uniformity from top to bottom of the wall.

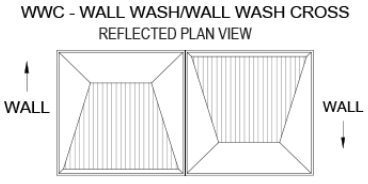


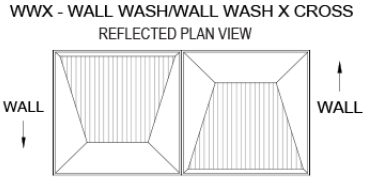












PROJECT: TYPE:

SPECIFIER: DATE:

Key Points (CR4MWW-TMCA)

Trim

- 14 color options + custom RAL or wood available
- Plaster Mount allows installation from below with large plaster flange and lip
- Individual die cast aluminum or machined wood trim assembled to look as one contiguous multi cell fixture

Source / Optics

- Wall wash achieves a uniform 3.7:1 ratio from top to bottom of 10' wall
- Adjustable with 45° tilt and 358° rotation
- Over 4000 lumens delivered with both cells and C28 source selection
- <2 MacAdam Steps (<2SDCM) for fixed white
- 90 CRI , 60+ R9 Standard- 95 CRI 90+R9 Optional
- 2400K, 2700K, 3000K, 3500K, 4000K
  Ambient Dim, RGBW & Tunable White options

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
- c SP us Listed – Damp
- TITLE 24 Compliant to JA8 with Airtight/IC Housing

Driver And Control

- 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
- Universal 120-277v

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Core 4" Rectangular Multiple Adjustable Wall Wash - 2 Cell

Recessed Adjustable Multiple Aperture (Cell)

specialty lighting industries

Ordering Codes

PROJECT: | SPECIFIER:

DATE: | TYPE: | QUANTITY:

Ordering Code Example: CR4MWW-TMCA-Z-AU-WWO-C20-35-LD-2C-P14-LR

FIXTURE	TRIM	MOUNTING	CONFIGURATION	LUMENS / WATTS	CCT	DRIVER / CONTROL	CIRCUITS	TRIM FINISH	ACCESSORIES
CR4MWW-TMCA									
Core 4" Rectangular Multiple Adjustable Wall Wash - 2 Cell	Z Flangeless Trim	U Universal - Non IC* AU Airtight Universal *IC-Rated* P Plaster - Non IC AP Airtight Plaster *IC-Rated* PM Panel Mount - Non IC* APM Airtight Panel Mount *IC-Rated* California Title 24 Compliant *Percision cutout required ^Cannot be used with C28 source	WWD Wall Wash Double WWO Wall Wash Opposite WWR Wall Wash Right WWL Wall Wash Left WWC Wall Wash Cross WWX Wall Wash Xcross Note: Thumbnails are RCP view	**Citizen** C14 15W 679Lm** 90+CRI, 60+R9 C20 21W 832Lm** 90+CRI, 60+R9 C28 30W* 1069Lm** 90+CRI, 60+R9 **Ambient Dim™** A14 15W 461Lm** 95+CRI, 90+R9 A20 21W 858Lm 95+CRI, 90+R9 **Tunable** RGBW 90+CRI, 60+R9 T14 90+CRI, 60+R9 *Tunable White* T20 21W 1490Lm^ 90+CRI, 60+R9 *Tunable White* 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 cell.	24 2400K 27 2700K 30 3000K 35 3500K 40 4000K **Ambient Dim™** 2722 * 2700-2200K **A14 Only* 3019 3000-1900K 3022 * 3000-2200K **A14 Only* **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*	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* LD Digital Ecosystem 1.0%, UNV (120-277V) ECO Hi-Lume SoftOn/Fade-to-Black LDE1 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	1C 1 Circuit 2C 2 Circuit	W White Paint B Black Paint D Wood* PXX Specialty Paint Color* 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 CP Chicago Plenum BABA 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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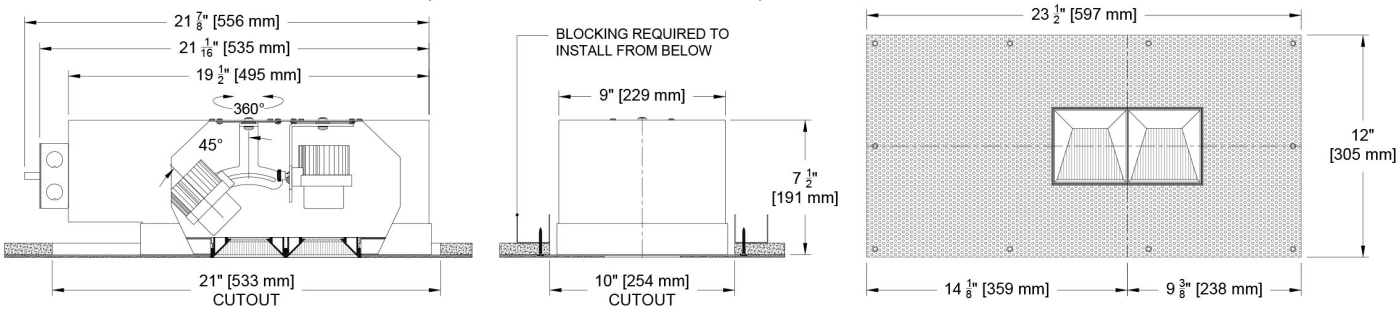
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Ceiling Cutouts and Dimensions

Wall Wash Double configuration is shown. All other configurations exhibit the same cutouts and dimensions.

2 Cell Flangeless Housing — Plaster Mount (P/AP)

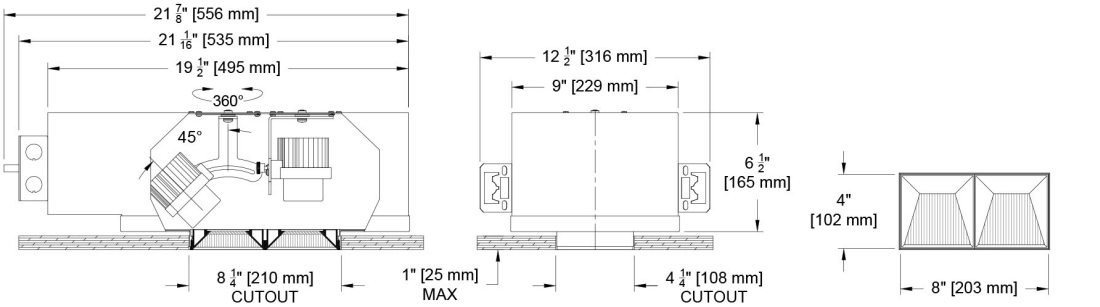
(CR4MWW-TMCA-2-Z-P/AP)



2 Cell Flangeless Housing — Flangeless Mount (U/AU)

(CR4MWW-TMCA-2-Z-U/AU)

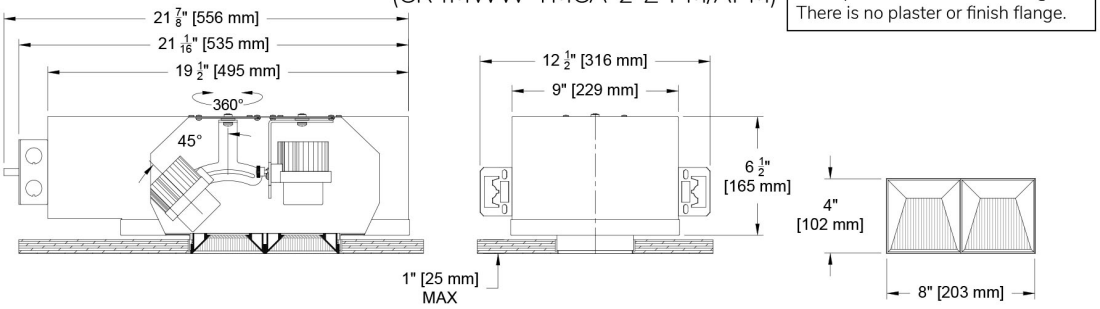
NOTE: This option is intended for use with precise and finished cutouts. There is no plaster or finish flange.



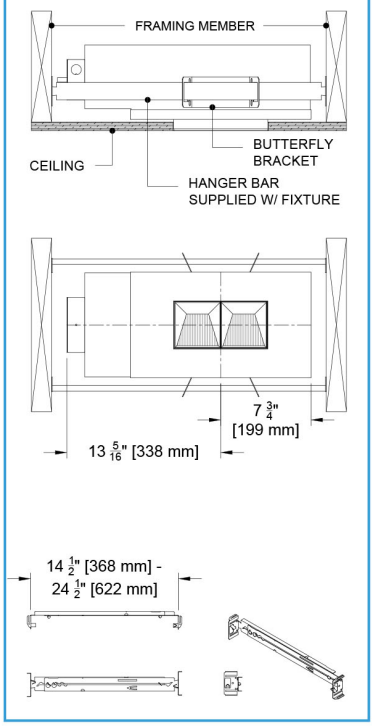
2 Cell Flangeless Housing — Panel Mount (PM/APM)

(CR4MWW-TMCA-2-Z-PM/APM)

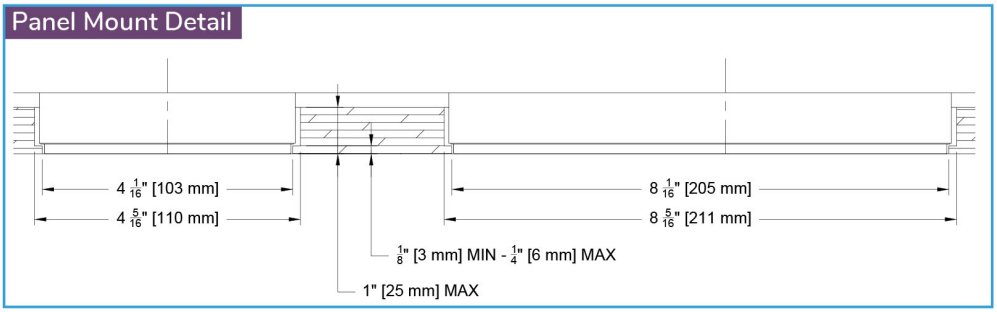
NOTE: This option is intended for use with precise and finished cutouts - usually millwork or wood ceilings. There is no plaster or finish flange.



Hanger Bar Detail



Panel Mount Detail



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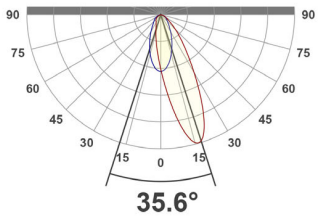
Photometric Table

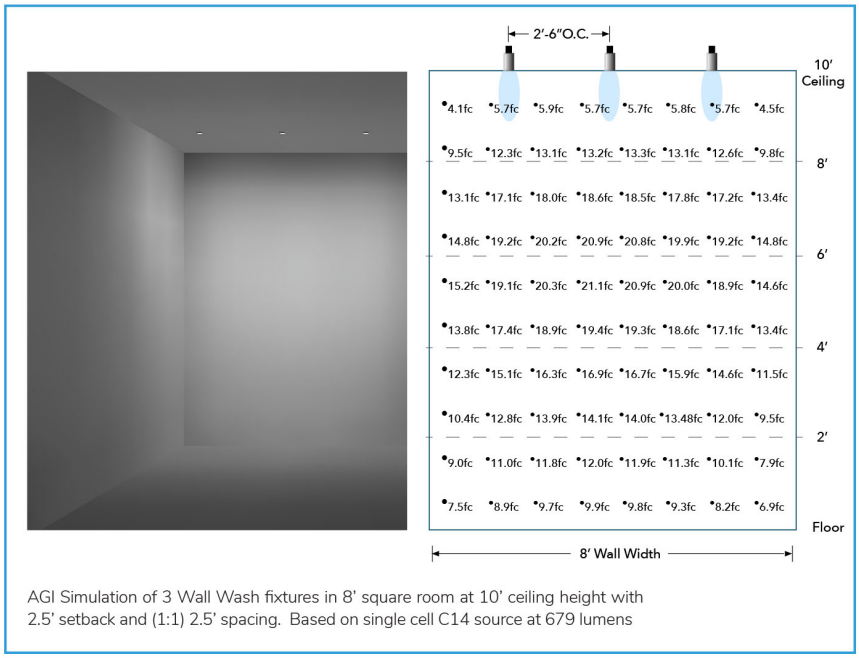
All data is based from goniometer measurements of production representative single cell fixture. Multiple cells will deliver additional light and will need to be accounted for individually, including selected orientation, in calculations. All lumen values can vary +/- 10% from LED manufacturer rated flux range. Measurements at 3000 CCT

RECTANGULAR (2 Cell) Wall Wash (CR4WW-TMCA)			
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 measurements are delivered or derived delivered lumens at 3000k . For other CCTs use the following multipliers: 2700 - 0.95, 3500 - 1.02, 4000, 1.03. Values are based on a single head Core 4" square wall wash (CR4WW-SF). Multiple heads will deliver more light and will need to be accounted for individually in calculations. Ambient Dim measured at full output.*C28 requires active cooling and NIC housing





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 single cell C14 source at 679 lumens

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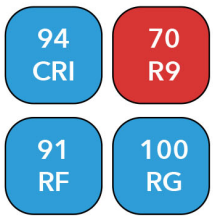
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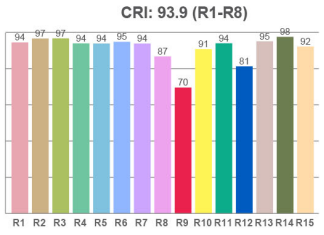
Color Data

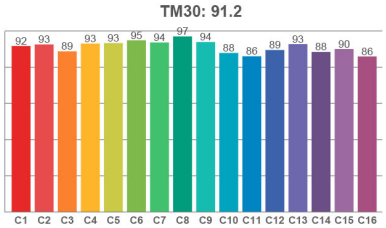
All data is based from goniometer measurements of production representative product. All values can vary +/- 10% from LED manufacturer rated data range. Measurements at 3000 CCT

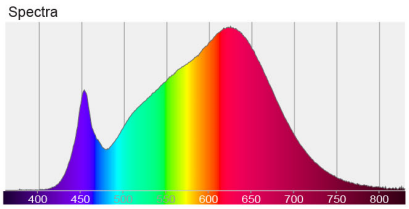
Citizen Sources for C14, C20 and C28

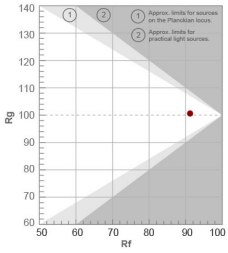
- <2 MacAdam Ellipse (<2 SDCM)
- 90+ CRI and RF
- 60+R9, Hue Bin 1

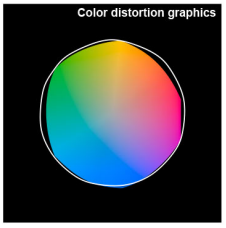


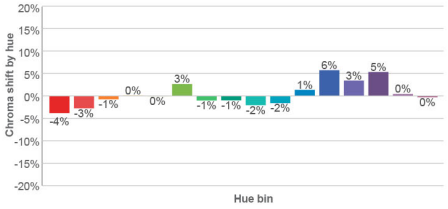






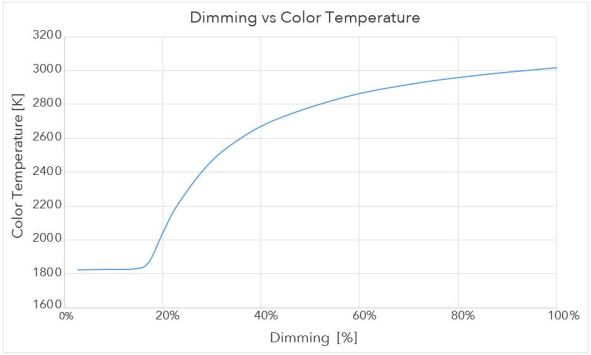






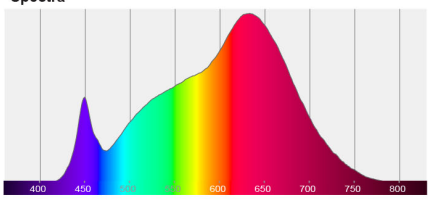
Ambient Dim 3000k to 1900k

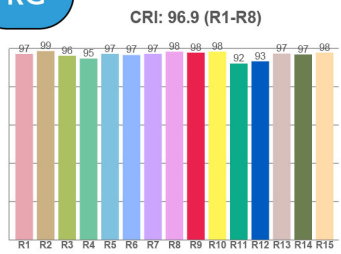
- <3 MacAdam Ellipse (<3 SDCM)
- 95+ CRI and RF
- 90+R9, Hue Bin 1
- Follows Black Body Locus through dimming range



3000 CCT Full Output

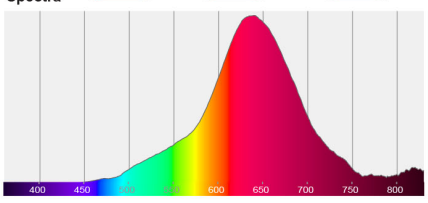


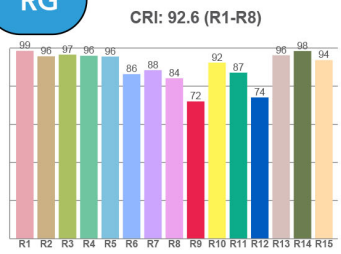




1850 CCT 5% Output







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Tunable White and RGBW

Color and flux information available upon request

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