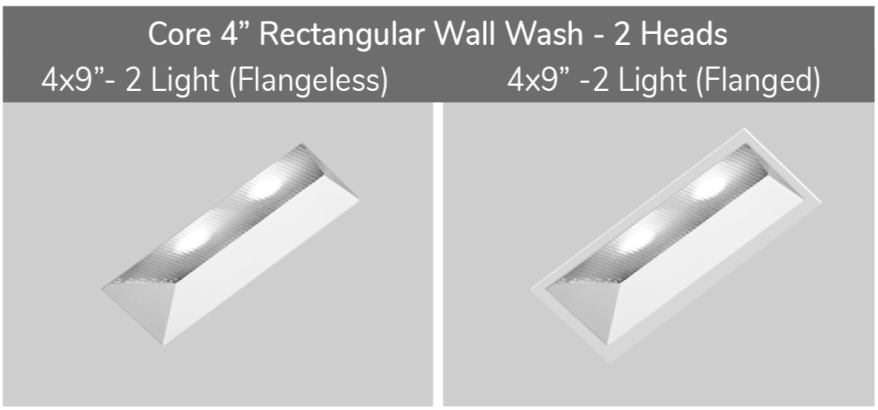
# Core 4" Rectangular Multiple Adjustable Wall Wash - 2 Head

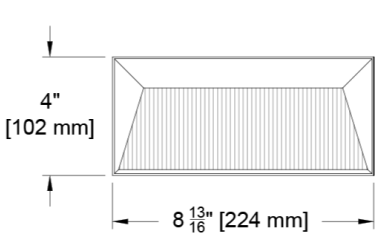
Formerly known as 1249-2

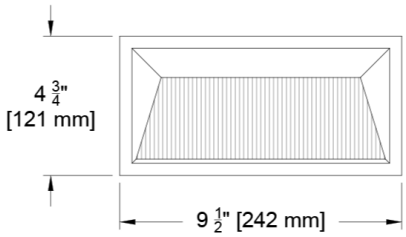
Recessed Adjustable Single Aperture

## 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 deploys 2 heads to increase the amount of washing light. Let us know if you need 3 heads - we can do as a modification. 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-TMHA)

#### 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 360° 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, Tunable White and RGBW options available

#### 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

- 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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NOTE: Last Updated on Tue, Jan 20, 2026 3:02 PM.
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# Core 4" Rectangular Multiple Adjustable Wall Wash - 2 Head

Formerly known as 1249-2

Recessed Adjustable Single Aperture

# Ordering Codes

PROJECT: SPECIFIER:

DATE: TYPE: QUANTITY:

*Ordering Code Example: CR4MWW-TMHA-Z-AU-C20-35-LD-2C-P16-LR*

| FIXTURE | TRIM | MOUNTING | SOURCE / WATTS | CCT | DRIVER / CONTROL | CIRCUITS | TRIM FINISH | ACCESSORIES |
|---|---|---|---|---|---|---|---|---|
| CR4MWW-TMHA | | | | | | | | |
| Core 4" Rectangular Multiple Adjustable Wall Wash - 2 Head | F<br>Flanged Trim<br><br>Z<br>Flangeless Trim | U<br>Universal - Non IC<br><br>AU<br>Universal IC/Airtight^<br><br>P<br>Plaster - Non IC<br><br>AP<br>Plaster IC/Airtight^<br><br>PM<br>Panel Mount - Non IC<br><br>APM<br>Panel Mount Airtight/IC^<br><br>California Title 24 Compliant<br>^Cannot be used with C28 source | **Citizen**<br><br>C14<br>15W<br>679Lm**<br>90+CRI, 60+R9<br><br>C20<br>21W<br>832Lm**<br>90+CRI, 60+R9<br><br>C28<br>30W*<br>1069Lm**<br>90+CRI, 60+R9<br><br>**Ambient Dim™**<br><br>A14<br>15W<br>461Lm**<br>95+CRI, 90+R9<br><br>A20<br>21W<br>858Lm<br>95+CRI, 90+R9<br><br>**Tunable**<br><br>T14<br>90+CRI, 60+R9<br>*Tunable White*<br><br>T20<br>21W<br>1490Lm^<br>90+CRI, 60+R9<br>*Tunable White*<br><br>RGBW<br>90+CRI, 60+R9<br><br>California Title 24 Compliant to JA8.<br><br>* Requires Active Cooling and not compatible with IC/Airtight housing. Not compatible with L2 and LP drivers.<br>** Based on single head. | 24<br>2400K<br><br>27<br>2700K<br><br>30<br>3000K<br><br>35<br>3500K<br><br>40<br>4000K<br><br>**Ambient Dim™**<br><br>2722 *<br>2700-2200K<br>**A14 Only*<br><br>3019<br>3000-1900K<br><br>3022 *<br>3000-2200K<br>**A14 Only*<br><br>**Tunable**<br><br>TW1840<br>1800-4000K<br>Tunable White<br>*w/ E1, E2, E3, E4*<br><br>TW2765<br>2700-6500K<br>Tunable White<br>*w/ E1, E2, E3, E4*<br><br>RG1280<br>1200-8000K<br>RGBW Dynamic Color Changing<br>**Requires E2 or E4* | C1<br>0-10<br>1.0%, UNV (120-277V) linear<br><br>C2<br>ELV/Triac<br>1.0%, (120V) linear<br><br>E1<br>0-10<br>0.1%, UNV (120-277V) log<br><br>E2<br>DALI-2<br>0.1%, UNV (120-277V) log<br><br>E3<br>0-10<br>0.1%, UNV (120-277V) linear<br><br>E4^<br>DMX<br>0.1%, UNV (120-277V)<br>Universal DMX Driver/Controller<br>*RGBW-DMX*<br>*^ INCLUDES DMX/RDM COMPATIBLE DRIVER WITH BUILT-IN DECODER - CONTROLLER BY OTHERS*<br><br>LD<br>Digital Ecosystem<br>1.0%, UNV (120-277V) ECO Hi-Lume SoftOn/Fade-to-Black LDE1<br><br>TR2<br>TruPhase™<br>0.1%, (120-120V) log<br>Up to 20W<br>Forward and Reverse compatible Phase Dimming Static White & Ambient Dim only<br><br>* Not compatible with C28 source | 1C<br>1 Circuit<br><br>2C<br>2 Circuit | W<br>White Paint<br><br>B<br>Black Paint<br><br>D<br>Wood*<br><br>PXX<br>Specialty Paint Color*<br>P01-P15<br><br>C<br>Custom/RAL Color**<br><br>* Wood "D" selection to be used with Z trim and PM mounting - Refer to Wood Trim Guide<br>** Refer to Finish Guide<br><br>FINISH GUIDE LINK<br><br>WOOD TRIM GUIDE | EM<br>Emergency Pack<br><br>CP<br>Chicago Plenum<br><br>**Controls**<br><br>LR<br>Lutron Wireless RF PowPak<br><br>ATH<br>Lutron Athena Wireless Node<br>*Must be used with E2 driver*<br><br>CA<br>Casambi Wireless BLE to be paired with driver |


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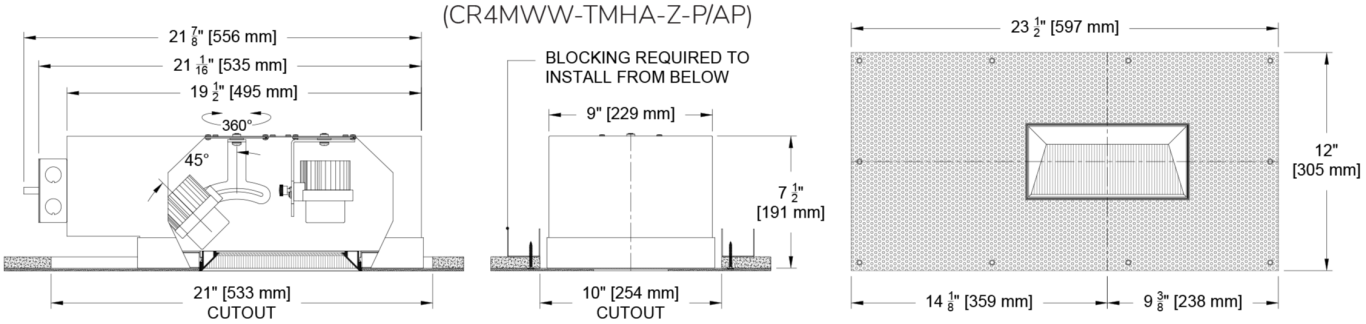
# Ceiling Cutouts and Dimensions

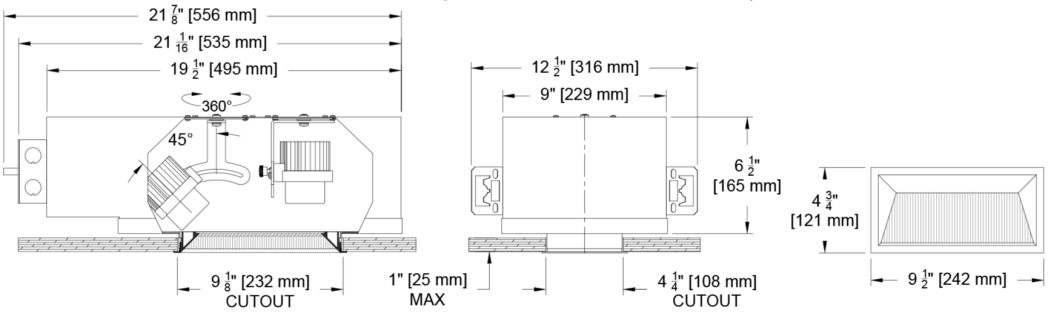
## 2 Head Flangeless Housing — Plaster Mount (P/AP)

(CR4MWW-TMHA-Z-P/AP)

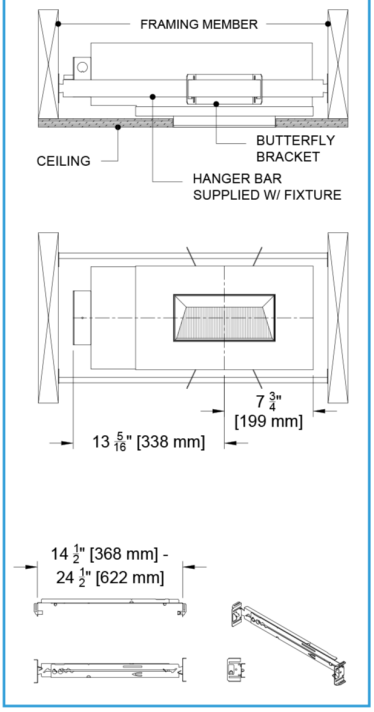



## 2 Head Flanged Housing — Flanged Mount (U/AU)

(CR4MWW-TMHA-F-U/AU)

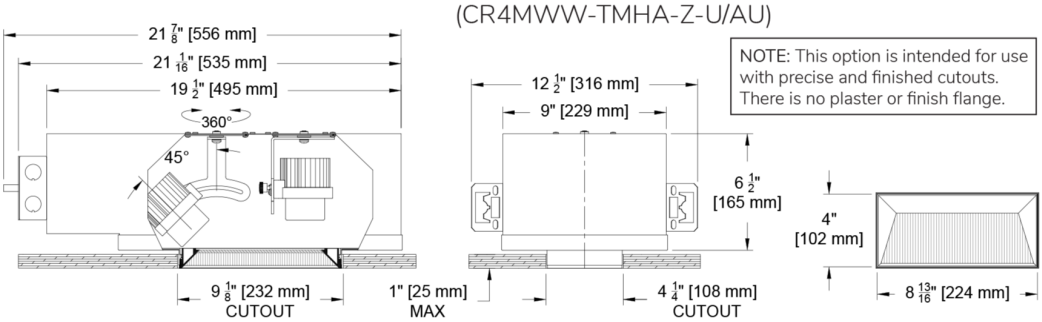



## Hanger Bar Detail




## 2 Head Flangeless Housing — Flangeless Mount (U/AU)

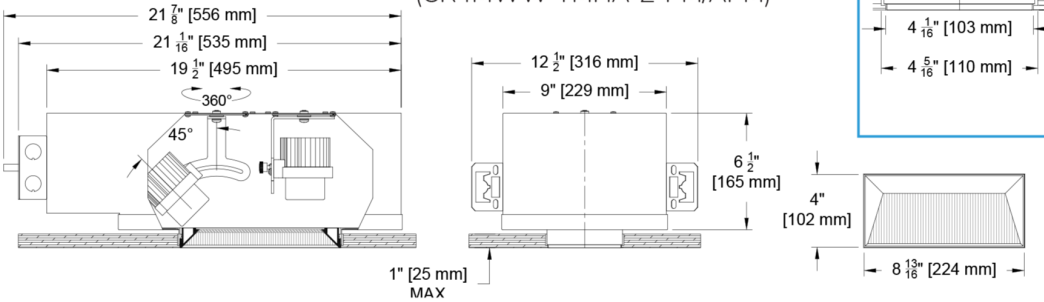
(CR4MWW-TMHA-Z-U/AU)



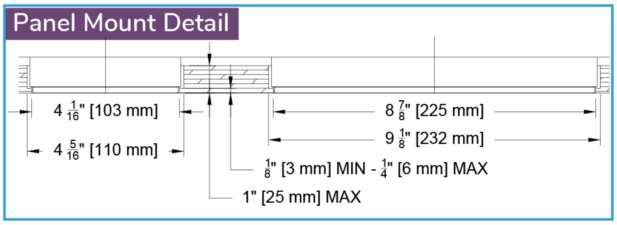

NOTE: This option is intended for use with precise and finished cutouts. There is no plaster or finish flange.

## 2 Head Flangeless Housing — Panel Mount (PM/APM)

(CR4MWW-TMHA-Z-PM/APM)




## Panel Mount Detail




NOTE: This option is intended for use with precise and finished cutouts - usually millwork or wood ceilings. There is no plaster or finish flange.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# Core 4" Rectangular Multiple Adjustable Wall Wash - 2 Head

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Recessed Adjustable Single Aperture

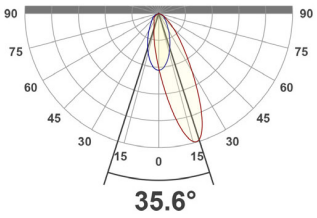
## Photometric Table

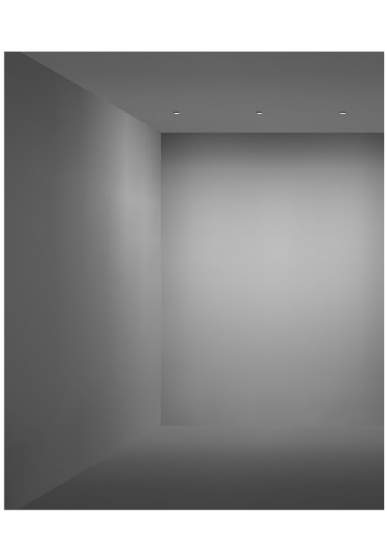
All data is based from goniometer measurements of production representative single head fixture. Multiple heads will deliver additional light and will need to be accounted for individually in calculations. All lumen values can vary +/- 10% from LED manufacturer rated flux range. Measurements at 3000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

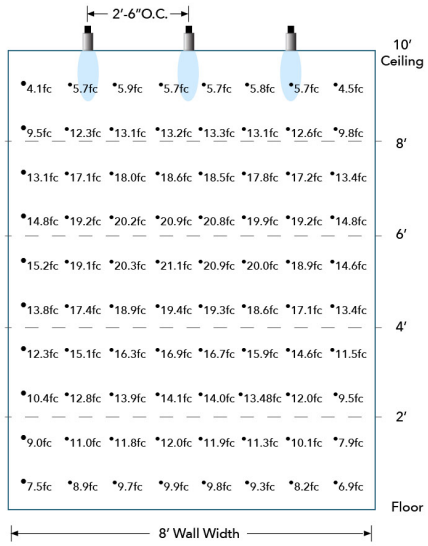
| SQUARE Wall Wash (CR4WW-SF) | | | |
|---|---|---|---|
| Source | System watts (W) | Delivered Lumens (lm) | Lumens/ Watt |
| Citizen C14 | 14 | 679 | 49 |
| Citizen C20 | 21 | 832 | 40 |
| Citizen C28* | 30 | 1069 | 35 |
| Ambient Dim A14 | 15 | 461 | 31 |

| 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 C14 at 679 Lumens



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# Core 4" Rectangular Multiple Adjustable Wall Wash - 2 Head

Formerly known as 1249-2

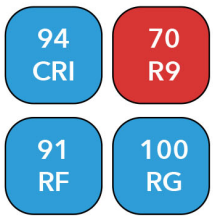
Recessed Adjustable Single Aperture

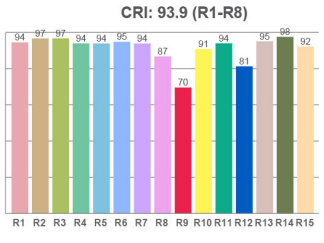
# Color Data

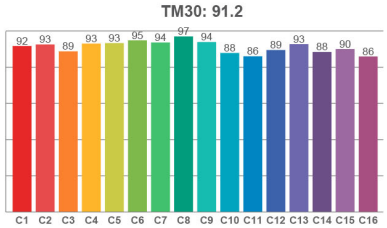
All data is based from goniometer measurements of production representative product. All lumen values can vary +/- 10% from LED manufacturer rated nominal flux. Measurements at 3000 CCT

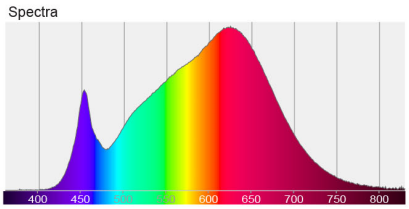
## Citizen Sources for C14, C20 and C28

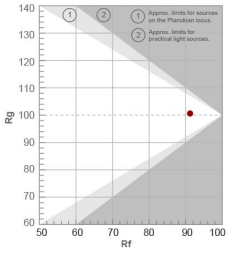
- <2 MacAdam Ellipse (<2 SDCM)
- 90+ CRI and RF
- 60+R9, Hue Bin 1

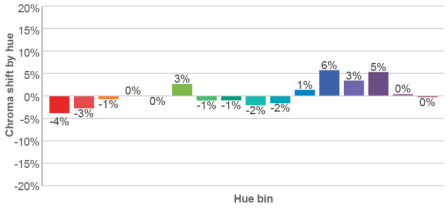


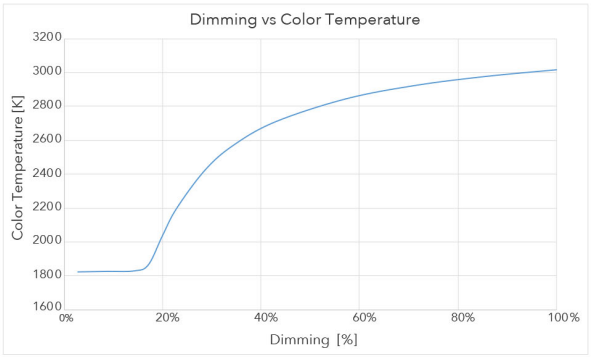



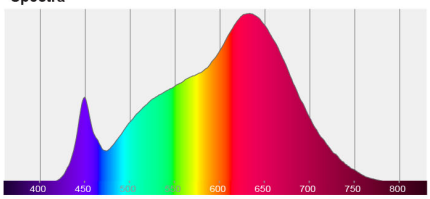


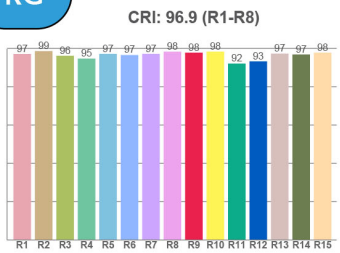

## Ambient Dim 3000k to 1900k

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

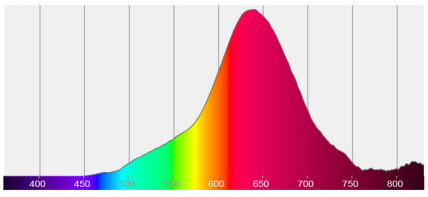


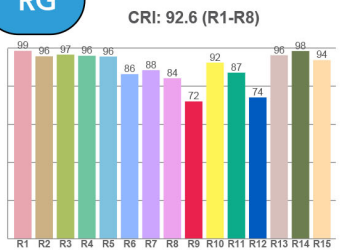

**3000 CCT Full Output**




**1850 CCT 5% Output**



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