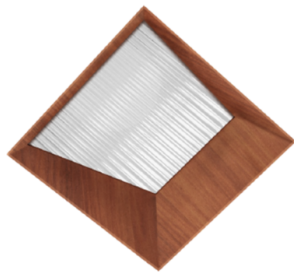
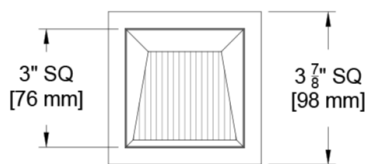
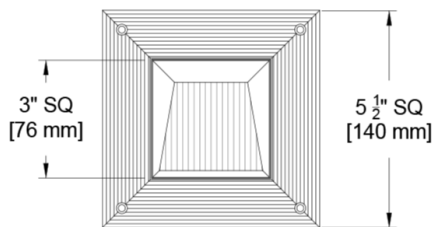
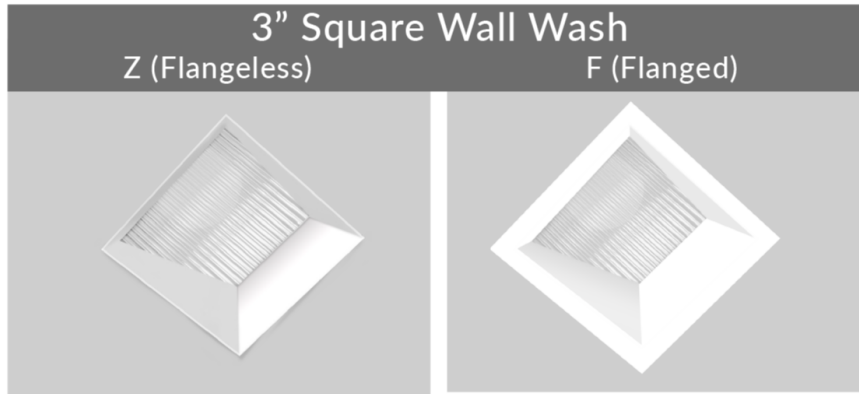


## The Core Family

The Core family line offers a rich diversity of technical and aesthetic options. Our 3" square wall wash offers 14+ finishes & custom wood choices. A wide range of source/optic selections, 3 ranges of Ambient Dim™ (Warm Dim), 5 beam spreads, and a multitude of driver/control options including TruPhase™ (phase dimming down to 0.1%). Our Core product family is created on platform allowing for a high degree of modification.



Available in Wood Trims

PROJECT:

TYPE:

SPECIFIER:

DATE:

### Key Points (CR3WW-SF)

#### Trim

- One-piece die cast aluminum or machined wood trim
- Frosted Supertex borosilicate glass spread lens, hinged for source and driver service
- Flangeless includes plaster flange with plaster lip
- 14 color options + custom, RAL or wood available
- Flange of Flangeless

#### 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 1069 delivered lumens (Static CCT 30K @ 90+ CRI)
- Adjustable to 45° with 360° of rotation
- Uniform light from floor to ceiling. Achieves a 3.7:1 ratio on a 10' ceiling at 2.0' setback with a 1:1 on center spacing

#### Housing

- **ETL** **24** Compliant to **JAB** with Airtight Housing (C14 only)
- **UL** **600** 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™** - Dim to 0.1% - 120v only
- **TruPhase™**, 0-10, DALI-2, DMX, Lutron or Casambi
- Flicker free to IEEE 1789-2015 available with EldoLED and TruPhase™ selections
- Prewired and integral to housing
- Universal 120-277v

Ordering Codes

PROJECT:

SPECIFIER:

DATE:

TYPE:

QUANTITY:

Ordering Code Example: CR3WW-SF-Z-AP-C20-35-E1-P14-EM

| FIXTURE                        | TRIM                                          | MOUNTING                                                                                                                                                                                 | SOURCE / WATTS                                                                                                                                                                                                                                                                                                                                                                                      | CCT                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | DRIVER / CONTROL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | TRIM FINISH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ACCESSORIES                                                                                                                                                                                                                                                |
|--------------------------------|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CR3WW-SF                       |                                               |                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                            |
| Core 3" Square Fixed Wall Wash | Z<br>Flangeless Trim<br><br>F<br>Flanged Trim | Shallow Housing<br><br>ASPM ●●<br>Airtight Shallow Panel<br>IC-Rated<br><br>ASP ●●<br>Airtight Shallow<br>Plaster<br>IC-Rated<br><br>ASU ●●<br>Airtight Shallow<br>Universal<br>IC-Rated | Citizen<br><br>C14 ●●<br>14W<br>950Lm<br>90+CRI, 60+R9<br><br>C10<br>10W<br>600Lm<br>88+CRI, 69+R9<br><br>Tunable<br><br>T9<br>90+CRI, 60+R9<br>Tunable White<br><br>T15<br>90+CRI, 60+R9<br>Tunable White<br><br>RGBW<br>90+CRI, 60+R9<br>Ambient Dim™<br><br>A8<br>8W<br>580Lm<br>95+CRI, 90+R9<br><br>A12 ●●<br>12W<br>913Lm<br>95+CRI, 90+R9<br><br>●● California Title<br>24 Compliant to JA8. | 24<br>2400K<br><br>30<br>3000K<br><br>35<br>3500K<br><br>40<br>4000K<br><br>27<br>2700K<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<br>Changing<br>*Requires E2 or E4<br>Ambient Dim™<br><br>2722<br>2700-2200K<br><br>3019<br>3000-1900K<br><br>3022<br>3000-2200K<br><br># In process - sources<br>being updated | C1<br>0-10<br>1.0%, UNV (120-277V)<br>linear<br><br>C2<br>ELV/Triac<br>1.0%, (120V) linear<br><br>E1<br>0-10<br>0.1%, UNV (120-277V)<br>log<br><br>E2<br>DALI-2<br>0.1%, UNV (120-277V)<br>log<br><br>E3<br>0-10<br>0.1%, UNV (120-277V)<br>linear<br><br>E4^<br>DMX<br>0.1%, UNV (120-277V)<br>Universal DMX<br>Driver/Controller<br>RGBW-DMX<br>^ INCLUDES DMX/RDM<br>COMPATIBLE DRIVER<br>WITH BUILT-IN<br>DECODER -<br>CONTROLLER BY<br>OTHERS<br>(REMOTE ONLY)<br><br>TR2<br>TruPhase™<br>0.1%, (120-120V) log<br>Up to 20W<br>Forward and Reverse<br>compatible Phase<br>Dimming<br>Static White & Ambient<br>Dim only<br><br>* Not compatible with<br>C28 | W<br>White Paint<br><br><br>B<br>Black Paint<br><br><br>PXX<br>Specialty Paint Color*<br><br><br>C<br>Custom/RAL Color**<br><br><br>D<br>Wood*<br><br><br>*See Wood Trim Guide<br>**Refer to Finish Guide<br><br>FINISH<br>GUIDE<br>LINK<br><br>WOOD<br>TRIM<br>GUIDE | EM<br>Emergency Pack*<br>*Remote Required<br><br>CP<br>Chicago Plenum<br><br>CA<br>Casambi<br>Wireless BLE to be<br>paired with driver<br><br>BABA<br><br>BABA Products |

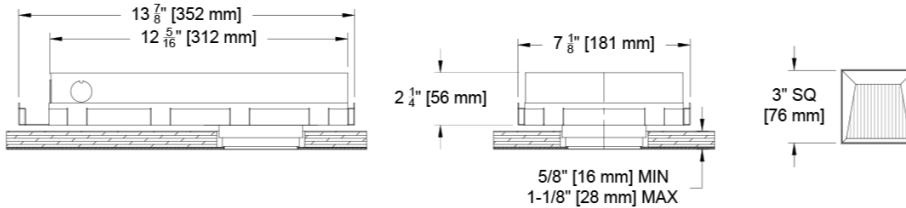
# Ceiling Cutouts and Dimensions

Deep Regress Shown - others similar

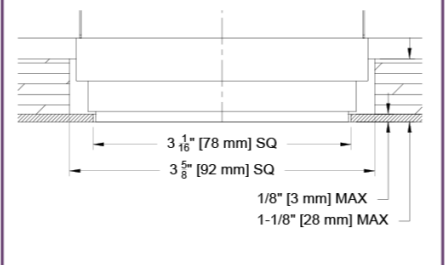
## Square Flangeless Housing

## Panel Mount (Z/ASPM)

CR3WW-SF-Z-ASPM-



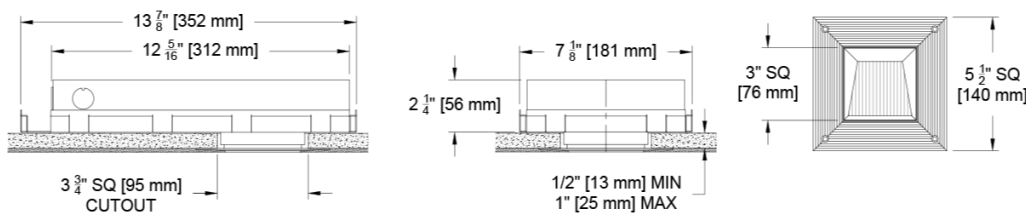
## Panel Mount Detail



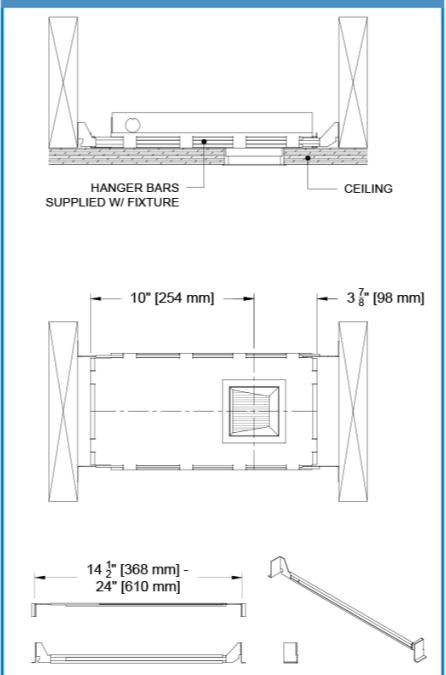
## Square Flangeless Housing

## Plaster Mount (Z/ASP)

CR3WW-SF-Z-ASP-



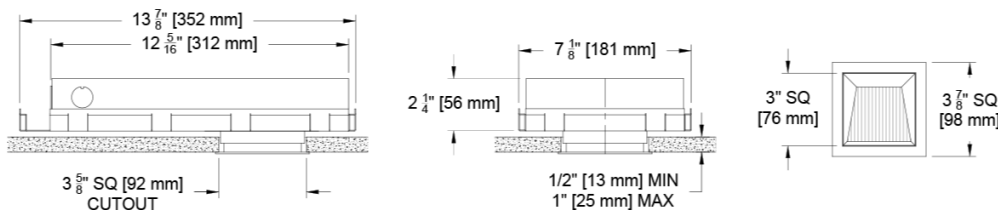
## Hanger Bar Detail



## Square Flanged Housing

## Universal Mount (F/ASU)

CR3WW-SF-F-ASU-



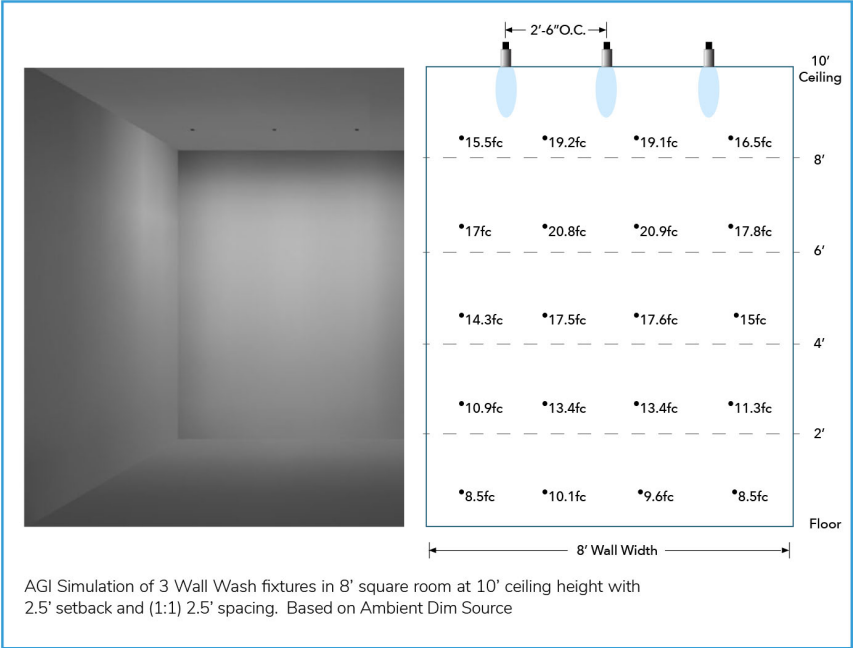
**Photometric Table** All data is based from goniometer measurements of production representative product. All lumen values can vary +/- 10% from LED manufacturer rated flux range. Measurements at 3000 CCT. C28 source requires active cooling and must be used with NIC housing for required airflow. C14 is the only source to meet CA Title 24 /JA8 requirements. All values can vary +/-10% from source manufacturer rated flux range. All data taken from fixed fixture (CR4WW-SF) - contact your regional sales manager if tilt measurements are required

All data below is based from goniometer measurement of production representative product.  
All lumen values can vary +/- 10% from LED manufacturer rated nominal flux.

| SQUARE Wall Wash (CR4WW-SA) |                  |                       |              |
|-----------------------------|------------------|-----------------------|--------------|
| 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 data based on 3000k in fixed position (CR4WW-SF). Ambient Dim based on 3000k at full output. \*CZ28 requires active cooling and cannot be used with IC housing, Chicago Plenum or LP Driver.



## 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 unless otherwise noted

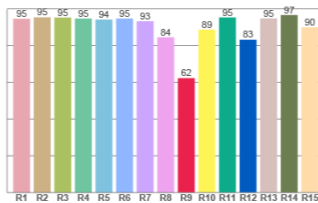
### Citizen Sources - C14, C20 and C28

#### Citizen CoB C10, C14

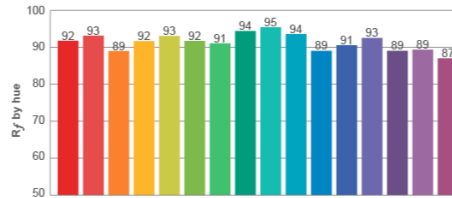
- <3 MacAdam Ellipse (<3 SDCM)



CRI: 93.3 (R1-R8)

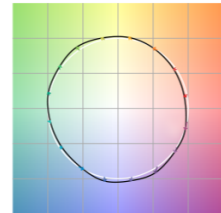


TM30: 91.6

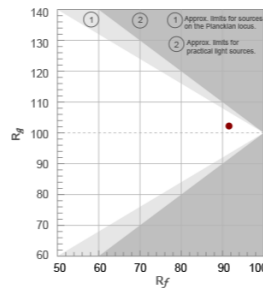
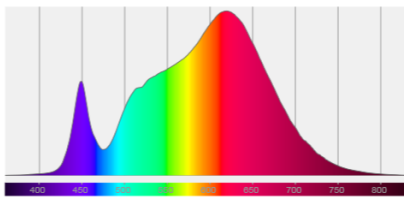


TM-30Color

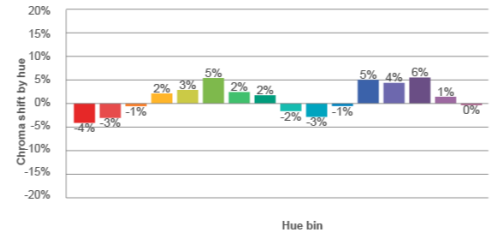
Color vector graphics



Spectra



Color distortion



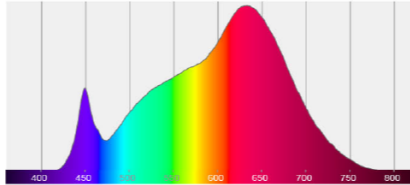
#### AmbientDim™ A8, A12

- <3 MacAdam Ellipse (<3 SDCM)

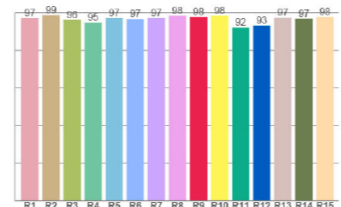
#### 3000 CCT Full Output



Spectra



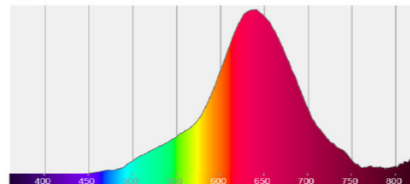
CRI: 96.9 (R1-R8)



#### 1850 CCT 5% Output



Spectra



CRI: 92.6 (R1-R8)

