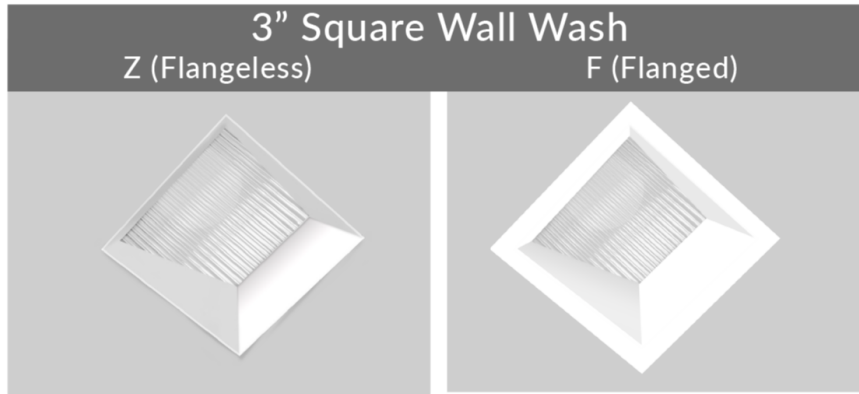
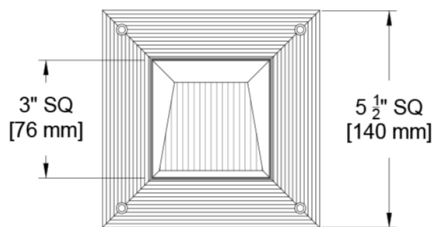
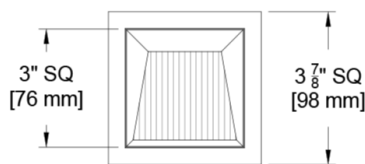
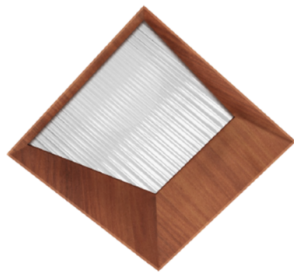


The Core Family

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

- **TITLE 24** Compliant to **JAB** with Airtight Housing (C14 only)
- **UL** 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	LUMENS / WATTS	CCT	DRIVER / CONTROL	TRIM FINISH	ACCESSORIES
CR3WW-SF							
Core 3" Square Fixed Wall Wash	Z Flangeless Trim F Flanged Trim	Shallow Housing ASPM ●● Airtight Shallow Panel IC-Rated ASP ●● Airtight Shallow Plaster IC-Rated ASU ●● Airtight Shallow Universal IC-Rated	Citizen C14 ●● 14W 950Lm 90+CRI, 60+R9 C10 10W 600Lm 88+CRI, 69+R9 C20 ●● 21W 1422Lm** 90+CRI, 60+R9 Tunable T9 90+CRI, 60+R9 Tunable White T15 90+CRI, 60+R9 Tunable White RGBW 90+CRI, 60+R9 Ambient Dim™ A14 14W 580Lm 95+CRI, 90+R9 A20 ●● 15W 913Lm 95+CRI, 90+R9 ●● California Title 24 Compliant to JA8.	24 2400K 30 3000K 35 3500K 40 4000K 27 2700K 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 Ambient Dim™ 2722 2700-2200K 3019 3000-1900K 3022 3000-2200K # In process - sources being updated	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 (REMOTE ONLY) 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	W White Paint <div></div> B Black Paint <div></div> PXX Specialty Paint Color* P01-P15 <div></div> C Custom/RAL Color** <div></div> D Wood* <div></div> *See Wood Trim Guide **Refer to Finish Guide FINISH GUIDE LINK WOOD TRIM GUIDE	EM Emergency Pack* *Remote Required CP Chicago Plenum CA Casambi Wireless BLE to be paired with driver BABA Compliant <div></div> BABA Products

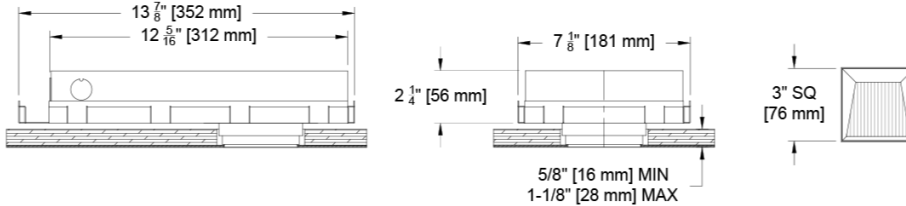
Ceiling Cutouts and Dimensions

Deep Regress Shown - others similar

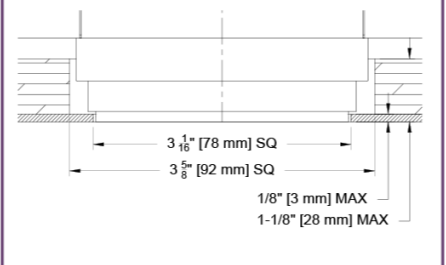
Square Flangeless Housing

Panel Mount (Z/ASPM)

CR3WW-SF-Z-ASPM-



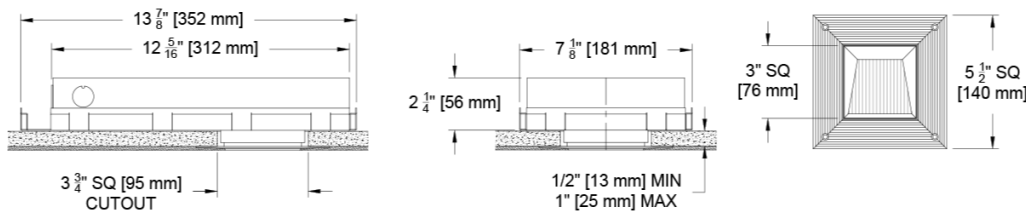
Panel Mount Detail



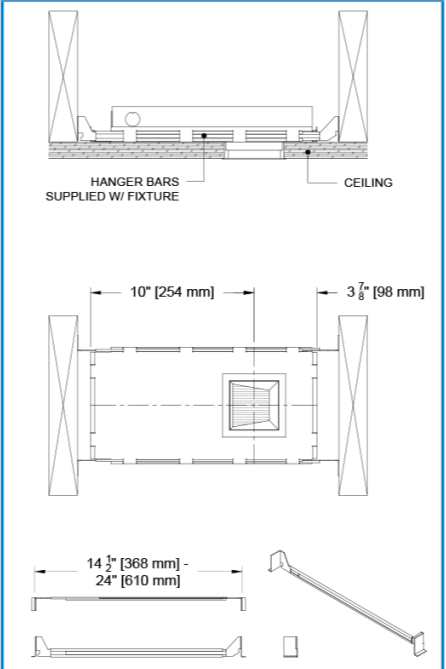
Square Flangeless Housing

Plaster Mount (Z/ASP)

CR3WW-SF-Z-ASP-



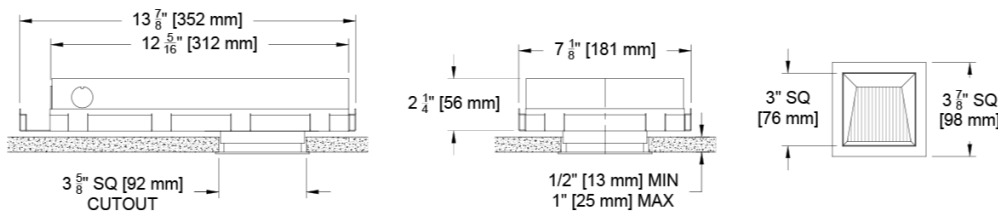
Hanger Bar Detail



Square Flanged Housing

Universal Mount (F/ASU)

CR3WW-SF-F-ASU-



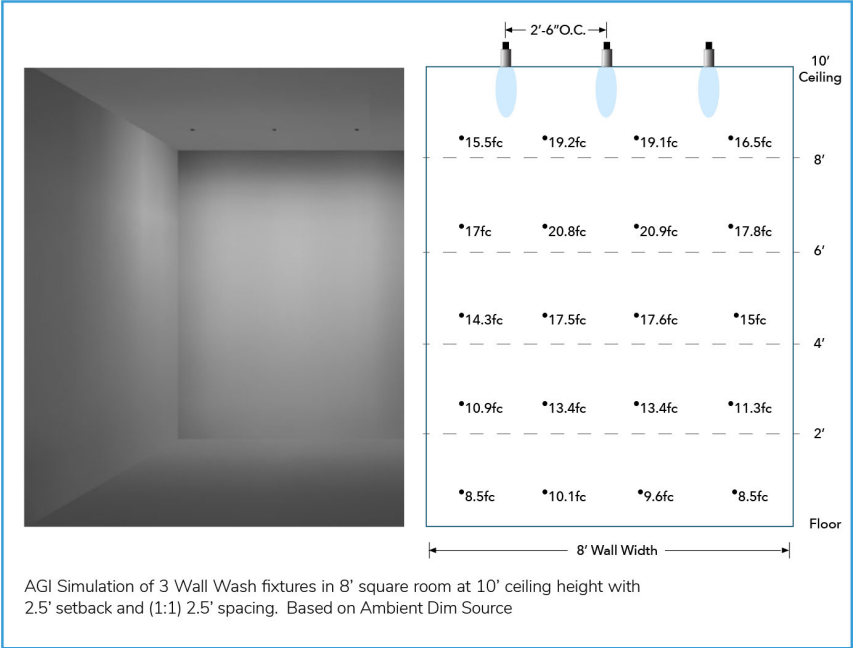
Photometric Table All data is based from goniometer measurements of production representative product. All lumen values can vary +/- 10% from LED manufacturer rated flux range. Measurements at 3000 CCT. C28 source requires active cooling and must be used with NIC housing for required airflow. C14 is 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

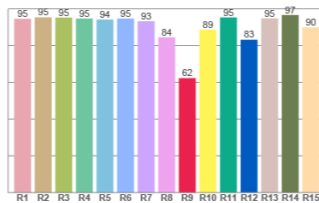
Citizen Sources - C14, C20 and C28

Citizen CoB c10, c14

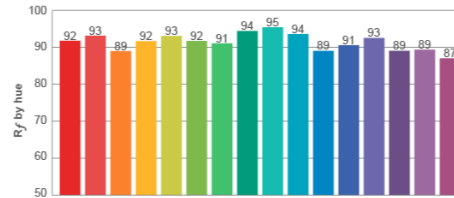
- <3 MacAdam Ellipse (<3 SDCM)



CRI: 93.3 (R1-R8)

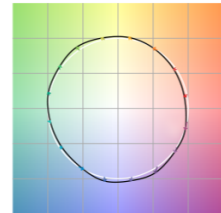


TM30: 91.6

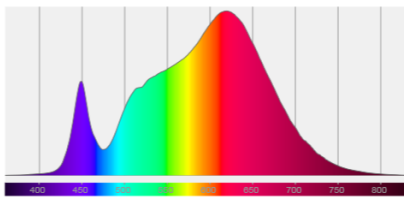
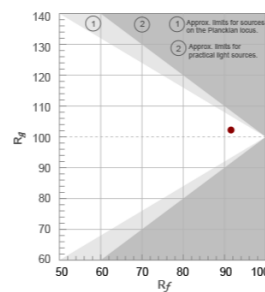


TM-30Color

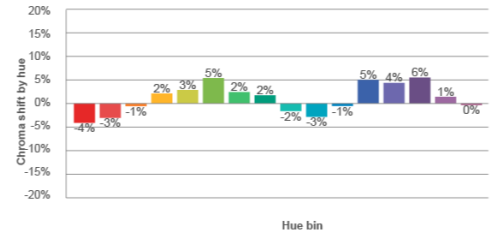
Color vector graphics



Spectra



Color distortion



AmbientDim™

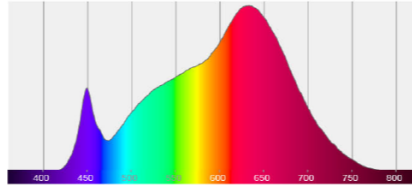
A8, A12

- <3 MacAdam Ellipse (<3 SDCM)

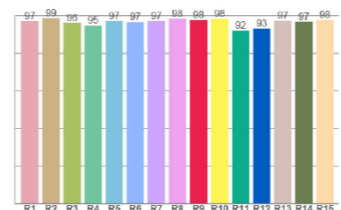
3000 CCT Full Output



Spectra



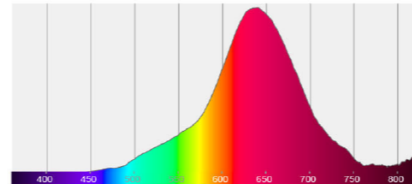
CRI: 96.9 (R1-R8)



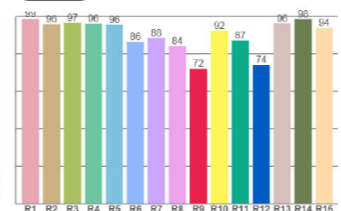
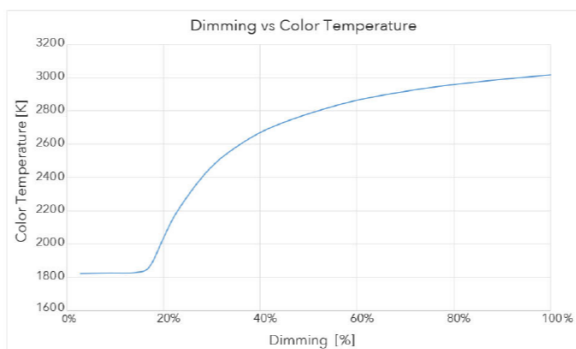
1850 CCT 5% Output



Spectra



CRI: 92.6 (R1-R8)



Ambient Dim - 3000k to 1900k