

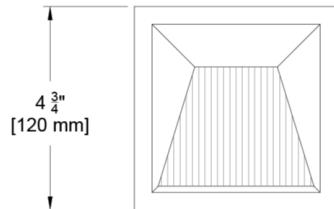
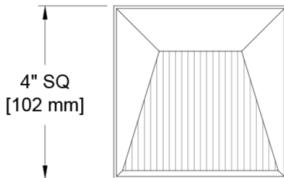
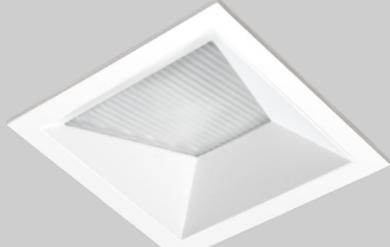
The Core Family

Welcome to the Core line of fixtures. You will find a rich diversity of technical and aesthetic options with 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 the wall and 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.

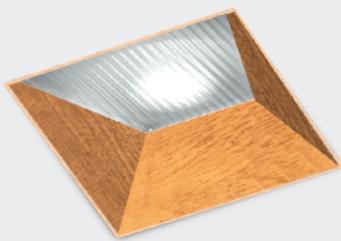
4" Square Z (Flangeless)



4" Square F (Flanged)



Wood Trims Available



PROJECT:

TYPE:

SPECIFIER:

DATE:

Key Points (CR4WW-SA)

Trim

- Flange of Flangeless
- 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
- One-piece die cast aluminum or machined wood trim

Source / Optics

- 2400K, 2700K, 3000K, 3500K, 4000K Ambient Dim, RGBW & Tunable White options
- Lifetime: L87B3>55,000 hours at 40°C ambient
- 90 CRI, 60+ R9 Standard- 95 CRI 90+R9 Optional
- <2 MacAdam Steps (<2SDCM) for fixed white
- Up to 1069 delivered lumens
- Adjustable to 45° with 360° of rotation
- Uniform light from floor to ceiling. Achieves a 3.7:1 ratio on a 10' ceiling at 2.5' setback with a 1:1 on center spacing

Housing

-  Compliant to  with Airtight Housing (C14 only)



- CSA us 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™, 0-10, DALI-2, DMX, Ecosystem or Wireless Control
- Flicker free to IEEE 1789-2015 available with EldoLED and TruPhase™ selections
- Pre wired and integral to housing
- Universal 120-277V

Ordering Codes

PROJECT:

SPECIFIER:

DATE:

TYPE:

QUANTITY:

Ordering Code Example: CR4WW-SA-Z-AP-C20-35-E1-P14-EM

| Fixture | Trim | Mounting | Source / Watts | CCT | Driver / Control | Trim Finish | Accessories |
|----------|------|----------|----------------|-----|------------------|-------------|-------------|
| CR4WW-SA | | | | | | | |

Core 4" Square Wall Wash

Flanged Trims

- F** Flanged Trim
- FS** Flanged Shower Trim
(for mounting choose from Flanged Housings)
- Flangeless Trims**

 - Z** Flangeless Trim
 - ZS** Flangeless Shower Trim
(for mounting choose from Flangeless Housings)

Flanged Housings

- U** Universal - Non IC Housing
- AU** Universal IC/Airtight*

Flangeless Housings

- P** Plaster
- AP** Plaster IC/Airtight*

California Title Compliant

* Cannot be used with C28 Source

Citizen

- C14** 14W 679Lm 90+CRI, 60+R9
- C20** 21W 832Lm 90+CRI, 60+R9
- C28** 30W* 1069Lm 90+CRI, 60+R9
- Tunable**
- T9** 90+CRI, 60+R9 Tunable White w/ E1, E2, E3, E4
- T15** 90+CRI, 60+R9 Tunable White w/ E1, E2, E3, E4
- T20** 21W 90+CRI, 60+R9 Tunable White
- RGBW** 90+CRI, 60+R9
- Ambient Dim™**
- A14** 15W 461Lm 95+CRI, 90+R9
- A20** 21W 858Lm 95+CRI, 90+R9
- California Title 24 Compliant to JA8.**
- * Requires Active Cooling, must be used with NIC housing. Not compatible with L2 and LP drivers.

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 *A14 Only

3019 3000-1900K

3022* 3000-2200K *A14 Only

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) linear

RGBW-DMX 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

W White Paint

B Black Paint

PXX Specialty Paint Color*

P01-P15

C Custom/RAL Color**

D Wood*

*See Wood Trim Guide
**Refer to Finish Guide

FINISH GUIDE LINK

WOOD TRIM GUIDE

EM Emergency Pack

CP Chicago Plenum Controls

LR Lutron Wireless RF PowPak

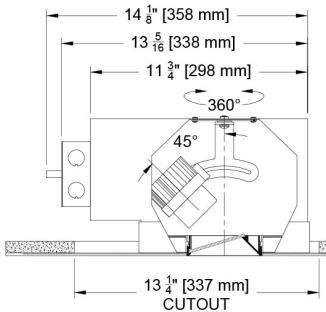
ATH Lutron Athena Wireless Node
Must be used with E2 driver

CA Casambi Wireless BLE to be paired with driver

Ceiling Cutouts and Dimensions

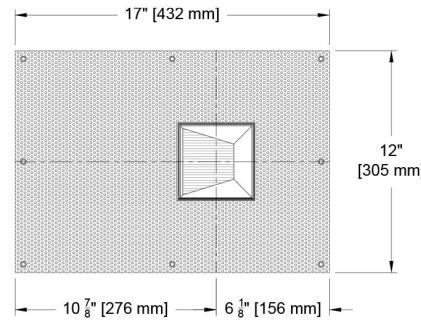
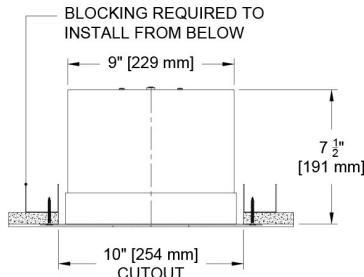
Deep Regress Shown - others similar

Square Flangeless Housing

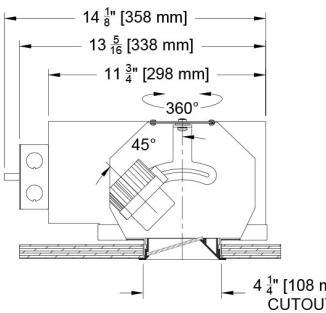


Plaster Mount (P/AP)

(CR4WW-SA-Z-P/AP)

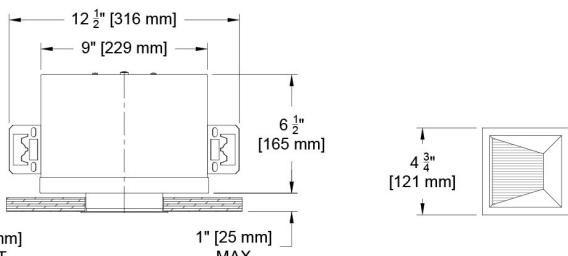


Square Flanged Housing

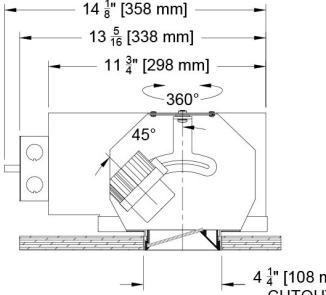


Flanged Mount (U/AU)

(CR4WW-SA-F-U/AU)



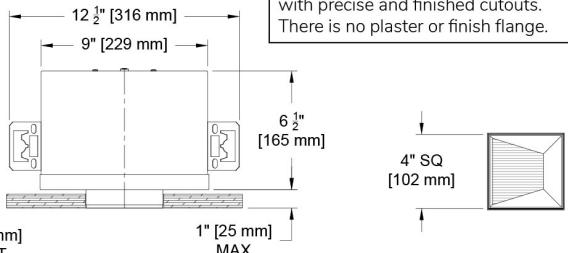
Square Flangeless Housing



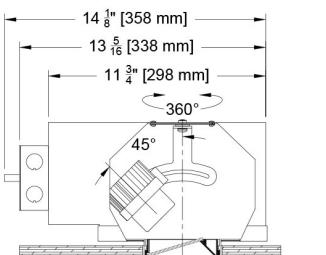
Flangeless Mount (U/AU)

(CR4WW-SA-Z-U/AU)

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



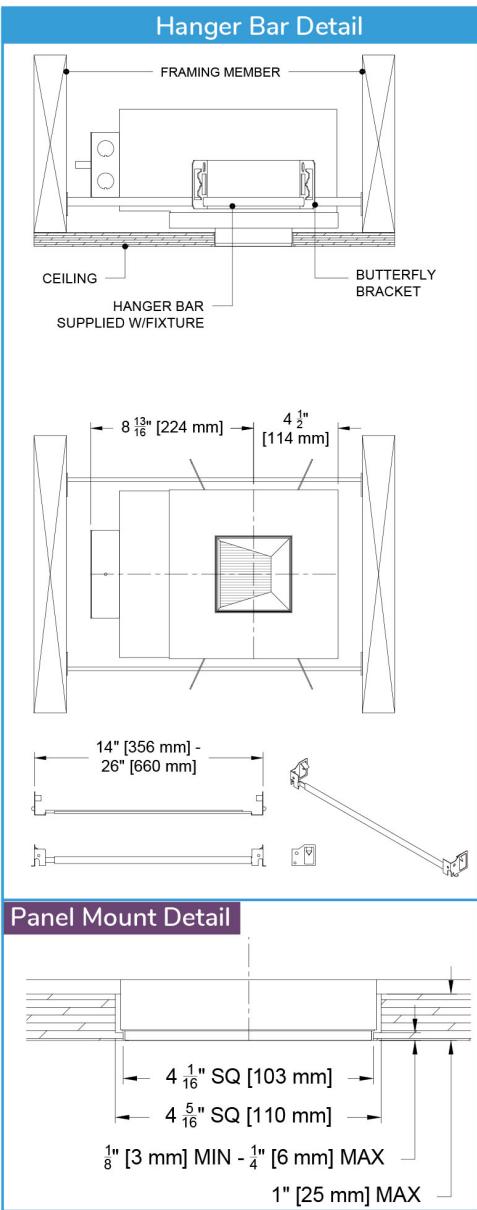
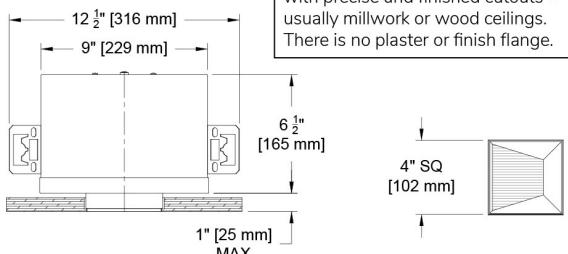
Square Flangeless Housing



Panel Mount (PM/APM)

(CR4WW-SA-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.



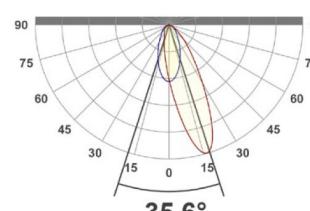
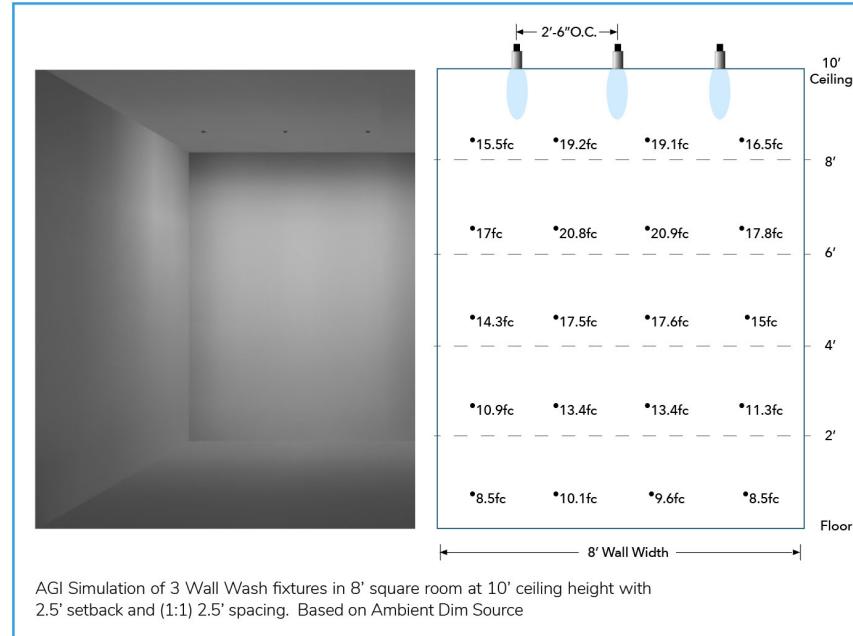
Photometric Table

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. *CZ8 requires active cooling and cannot be used with IC housing, Chicago Plenum or LP Driver.

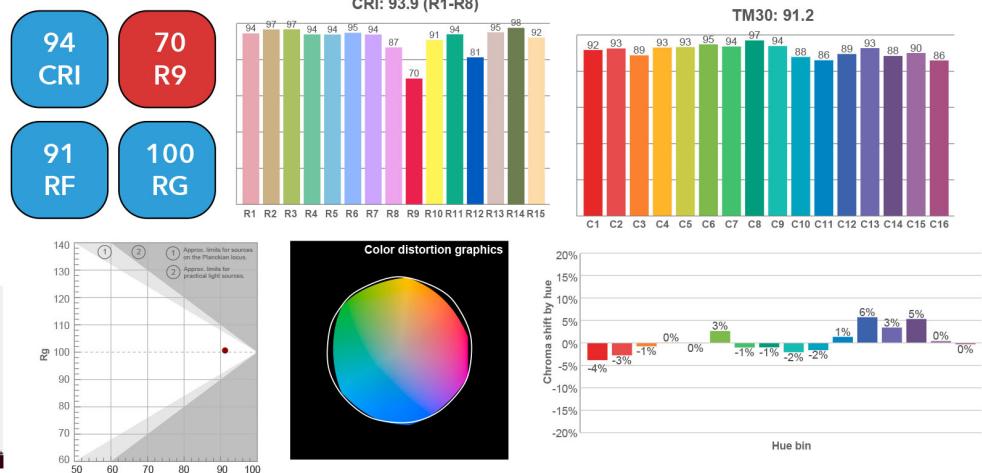



Color Data

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

- <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

