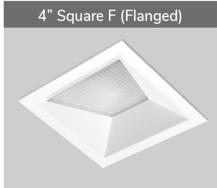
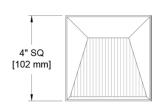
# specialty lighting industries

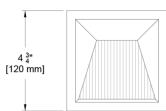
# The Core Family

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.











PROJECT: TYPE:

SPECIFIER: DATE:

### Key Points (CR4WW-SF)

#### Trim

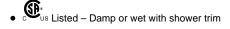
- Flanged of Flangeless
- Frosted Supertex borosilicate glass spread lens, hinged for source and driver service
- Flangeless includes plaster flange with lip
- 14 color options + custom, RAL or wood available
- One-piece die cast aluminum or machined wood trim

### Source / Optics

- Lifetime: L87B3>55,000 hours at 40°C ambient
- 2400K, 2700K, 3000K, 3500K, 4000K
   Ambient Dim, 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
- 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

• TITLE 24 Compliant to with Airtight Housing



- 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

#### Drive

- TruPhase<sup>™</sup>, 0-10, DALI-2, DMX, Ecosystem or Wireless Control
- Flicker free to IEEE 1789-2015 available with EldoLED and TruPhase™ selections
- Prewired and integral to housing
- Universal 120-277v



# **Ordering Codes**

PROJECT: SPECIFIER:

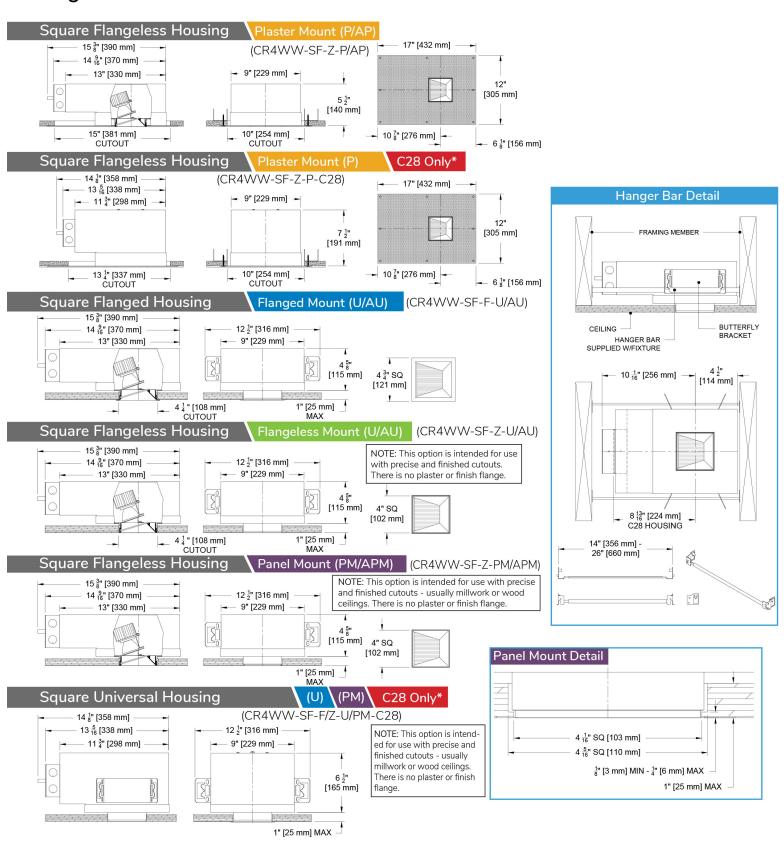
DATE: TYPE: QUANTITY:

Ordering Code Example: CR4WW-SF-F-AU-C20-35-E2-P16-CP

FIXTURE	TRIM	SF-F-AU-C2U-35-	SOURCE / WATTS	ССТ	DRIVER / CONTROL	TRIM FINISH	ACCESSORIES
CR4WW-SF							
Core 4" Square Fixed Wall Wash	Flanged Trims  F Flanged Trim  FS Flanged Shower Trim  (for mounting choose from Flanged Housings)  Flangeless Trims  Z 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  PM Panel Mount Airtight/IC* California Title Compliant	Citizen  C14  15W 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  T15 90+CRI, 60+R9 Tunable White  RGBW 90+CRI, 60+R9 A14 15W 461Lm 95+CRI, 90+R9  A20  21W 95+CRI, 90+R9  A20  21W 95+CRI, 90+R9  A20  72H 95+CRI, 90+R9  A20  73H A14 A15W A61Lm A15W A61Lm A14 A15W A61Lm A14 A15W A61Lm A14 A15W A61Lm A14 A15W A61Lm A15W A61Lm A15W A61Lm A14 A15W A14 A15W A15W A15W A15W A15W A15W A15W A15W	24 2400K 27 2700K 30 3000K 35 3500K 40 4000K 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) 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 TruPhaseTM 0.1%, (100-277V) Up to 20W Forward and Reverse compatible Phase Dimming 2 Dimming 2 Dimming 2 Dimming 3 Explain Static White & Ambient Dim only * Not compatible with C28 Source	W White Paint  B Black Paint  D Wood*  PXX Specialty Paint Color*  P01-P15  C Custom/RAL Color**  *See wood trim guide.  *"See Finish Guide  FINISH GUIDE LINK  VOOD 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



output. \*CZ28 requires active cooling and cannot be used with

IC housing, Chicago Plenum or

LP Driver.



•15fc

•11.3fc

\*8.5fc

4'

2'

Floor

# 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 very +/-10% from source manufacturer rated flux range.

All data below is based from goniometer measurement of production representative product.

SQUARE Wall Wash (CR4WW-SF)

Citizen C14	1	14	679	49			
Citizen C20	)	21	832	40			
Citizen C28	3*	30	1069	35			
Ambient D	im A14	15	461	31			
СС	T Multiplier						
ССТ	Citizen						
2700	0.95	90					
3000	1.00	75					
3500	1.02	60					
4000	1.03	45 45					
All data based on 3000k in fixed position (CR4WW-SF). Ambient Dim based on 3000k at full cutout #5728 requires active		35.6°					

All lumen values can vary +/- 10% from LED manufacturer rated nominal flux. •15.5fc •19.2fc •19.1fc •16.5fc 8' •17fc •20.8fc •20.9fc •17.8fc 6'

•14.3fc

•10.9fc

\*8.5fc

•17.5fc

•13.4fc

•10.1fc

•17.6fc

•13.4fc

•9.6fc

8' Wall Width

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 Ambient Dim Source



## Color Data

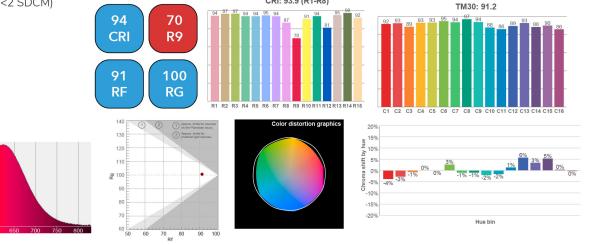
All data is based from goniometer measurements of production representative product. All values can vary +/- 10% from LED manufacturer rated data range. Measurements at 3000 CCT.

### Citizen Sources - C14, C20 and C28

- <2 MacAdam Ellipse (<2 SDCM)
- 90+ CRI and RF

Spectra

• 60+R9, Hue Bin 1



CRI: 93.9 (R1-R8)

### 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

