**specialty** lighting industries

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 allows multiple combinations of wall wash orientations. Whether needing to simply double the light or wash adjacent or opposite walls, we suspect you will find the needed combination. 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.
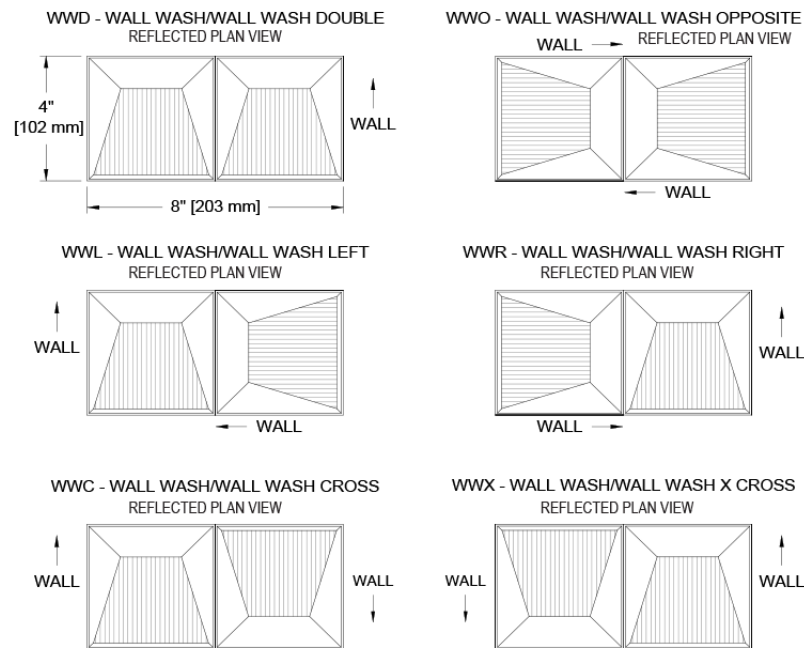
PROJECT:

TYPE:

SPECIFIER:

DATE:

Key Points (CR4MWW-TMCA)

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 358° 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, RGBW & Tunable White options

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(CSA)us Listed – Damp

- TITLE 24 Compliant to JA8 with Airtight/IC Housing

Driver And Control

- 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

4"x9"- 2 Cell Adjustable
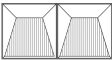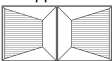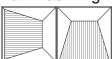### (WWL -Wall Wash/Wall Wash Left)
See below for all 5 possible configurations/orientations

WWD - WALL WASH/WALL WASH DOUBLE
REFLECTED PLAN VIEW
4" [102 mm]
WALL
8" [203 mm]

WWO - WALL WASH/WALL WASH OPPOSITE
REFLECTED PLAN VIEW
WALL
WALL

WWL - WALL WASH/WALL WASH LEFT
REFLECTED PLAN VIEW
WALL
WALL

WWR - WALL WASH/WALL WASH RIGHT
REFLECTED PLAN VIEW
WALL
WALL

WWC - WALL WASH/WALL WASH CROSS
REFLECTED PLAN VIEW
WALL
WALL

WWX - WALL WASH/WALL WASH X CROSS
REFLECTED PLAN VIEW
WALL
WALL

www.specialty-lighting.com
© 2025 Specialty Lighting Industries

NOTE: Last Updated on Tue, Nov 25, 2025 9:06 AM.
These specifications are subject to change without notice.

Specialty Lighting Industries
1306 Doris Ave., Ocean, NJ 07712
Tel. 732.517.0800 | Fax 732.517.0971

Ordering Codes

PROJECT: SPECIFIER:

DATE: TYPE: QUANTITY:

Ordering Code Example: CR4MWW-TMCA-Z-AU-WWO-C20-35-LD-2C-P14-LR

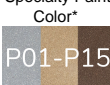| FIXTURE	TRIM	MOUNTING	CONFIGURATION	SOURCE / WATTS	CCT	DRIVER / CONTROL	CIRCUITS	TRIM FINISH	ACCESSORIES
CR4MWW-TMCA									
Core 4" Rectangular Multiple Adjustable Wall Wash - 2 Cell	Z Flangeless Trim	U Universal - Non IC* AU ●● Universal IC/Airtight*^ P Plaster - Non IC AP ●● Plaster IC/Airtight^ PM Panel Mount - Non IC* APM ●● Panel Mount Airtight/IC*^ ● California Title 24 Compliant *Percision cutout required ^Cannot be used with C28 source	**WWD** Wall Wash Double **WWO** Wall Wash Opposite **WWR** Wall Wash Right **WWL** Wall Wash Left **WWC** Wall Wash Cross **WWX** Wall Wash Xcross Note: Thumbnails are RCP view	**Citizen** C14 ●● 15W 679Lm** 90+CRI, 60+R9 C20 21W 832Lm** 90+CRI, 60+R9 C28 30W* 1069Lm** 90+CRI, 60+R9 **Ambient Dim™** A14 15W 461Lm** 95+CRI, 90+R9 A20 ●● 21W 858Lm 95+CRI, 90+R9 **Tunable** RGBW 90+CRI, 60+R9 T14 90+CRI, 60+R9 *Tunable White* T20 ●● 21W 1490Lm^ 90+CRI, 60+R9 *Tunable White* ● California Title 24 Compliant to JA8. * Requires Active Cooling and not compatible with IC/Airtight housing. Not compatible with L2 and LP drivers. ** Based on single cell.	24 2400K 27 2700K 30 3000K 35 3500K 40 4000K **Ambient Dim™** 2722 * 2700-2200K *A14 Only* 3019 3000-1900K 3022 * 3000-2200K *A14 Only* **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*	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 TruPhase™ 0.1%, (100-277V) linear Up to 20W Forward and Reverse compatible Phase Dimming Static White & Ambient Dim only * Not compatible with C28	1C 1 Circuit 2C 2 Circuit	W White Paint B Black Paint D Wood* PXX Specialty Paint Color* P01-P15 C Custom/RAL Color** * Wood "D" selection to be used with Z trim and PM mounting - Refer to 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

www.specialty-lighting.com
© 2025 Specialty Lighting Industries

NOTE: Last Updated on Tue, Nov 25, 2025 9:06 AM.
These specifications are subject to change without notice.

Specialty Lighting Industries
1306 Doris Ave., Ocean, NJ 07712
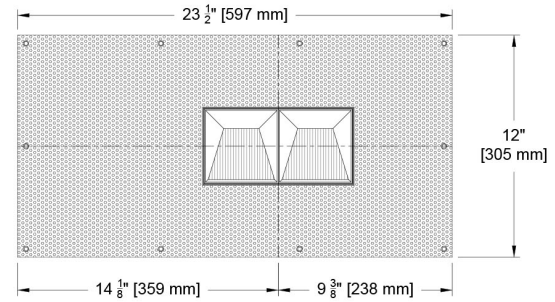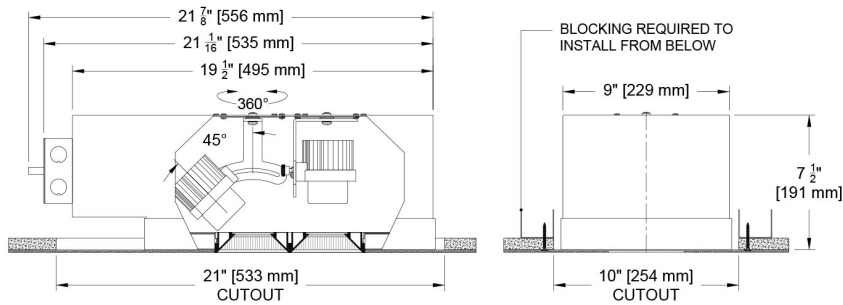Tel. 732.517.0800 | Fax 732.517.0971

Ceiling Cutouts and Dimensions

Wall Wash Double configuration is shown. All other configurations exhibit the same cutouts and dimensions.
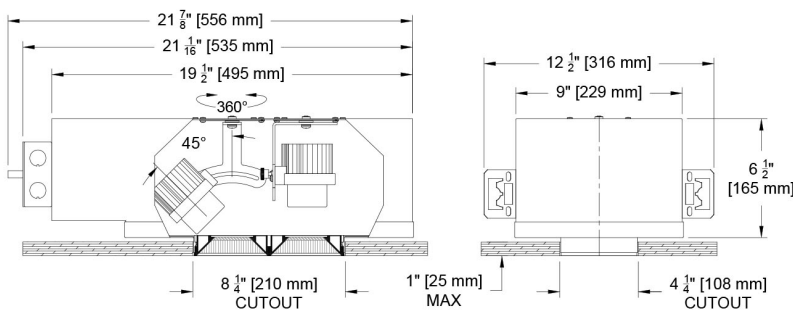
2 Cell Flangeless Housing — Plaster Mount (P/AP)
(CR4MWW-TMCA-2-Z-P/AP)

21 7/8" [556 mm]
21 1/16" [535 mm]
19 1/2" [495 mm]
360°
45°
21" [533 mm] CUTOUT

BLOCKING REQUIRED TO INSTALL FROM BELOW
9" [229 mm]
7 1/2" [191 mm]
10" [254 mm] CUTOUT

23 1/2" [597 mm]
12" [305 mm]
14 1/8" [359 mm]
9 3/8" [238 mm]

2 Cell Flangeless Housing — Flangeless Mount (U/AU)
(CR4MWW-TMCA-2-Z-U/AU)

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

21 7/8" [556 mm]
21 1/16" [535 mm]
19 1/2" [495 mm]
360°
45°
8 1/4" [210 mm] CUTOUT
1" [25 mm] MAX

12 1/2" [316 mm]
9" [229 mm]
6 1/2" [165 mm]
4 1/4" [108 mm] CUTOUT

4" [102 mm]
8" [203 mm]

Hanger Bar Detail

FRAMING MEMBER
BUTTERFLY BRACKET
CEILING
HANGER BAR SUPPLIED W/ FIXTURE

7 3/4" [199 mm]
13 5/16" [338 mm]

14 1/2" [368 mm] - 24 1/2" [622 mm]
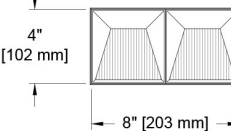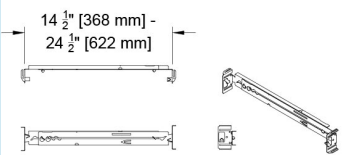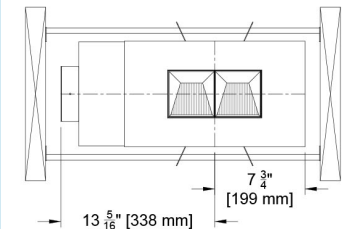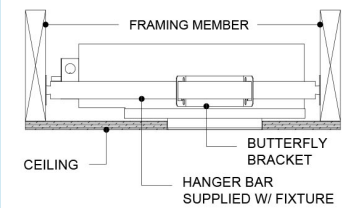
2 Cell Flangeless Housing — Panel Mount (PM/APM)
(CR4MWW-TMCA-2-Z-PM/APM)
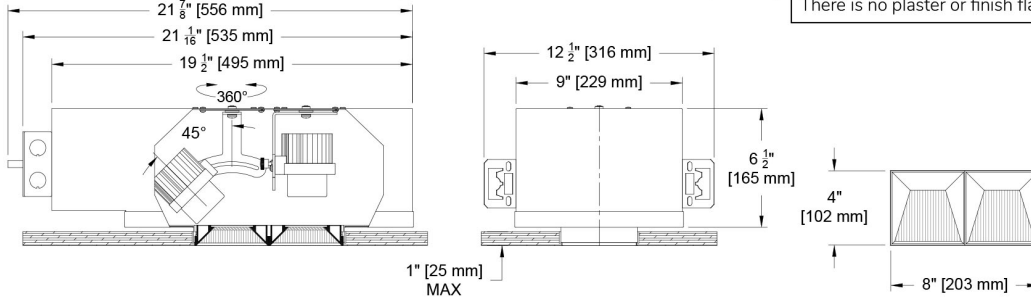
NOTE: This option is intended for use with precise and finished cutouts - usually millwork or wood ceilings. There is no plaster or finish flange.

21 7/8" [556 mm]
21 1/16" [535 mm]
19 1/2" [495 mm]
360°
45°

12 1/2" [316 mm]
9" [229 mm]
6 1/2" [165 mm]
1" [25 mm] MAX

4" [102 mm]
8" [203 mm]

Panel Mount Detail

4 1/16" [103 mm]
4 5/16" [110 mm]
8 1/16" [205 mm]
8 5/16" [211 mm]
1/8" [3 mm] MIN - 1/4" [6 mm] MAX
1" [25 mm] MAX

www.specialty-lighting.com
© 2025 Specialty Lighting Industries

NOTE: Last Updated on Tue, Nov 25, 2025 9:06 AM.
These specifications are subject to change without notice.

Specialty Lighting Industries
1306 Doris Ave., Ocean, NJ 07712
Tel. 732.517.0800 | Fax 732.517.0971

specialty
lighting industries

Photometric Table

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

RECTANGULAR (2 Cell) Wall Wash (CR4WW-TMCA)			
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

35.6°

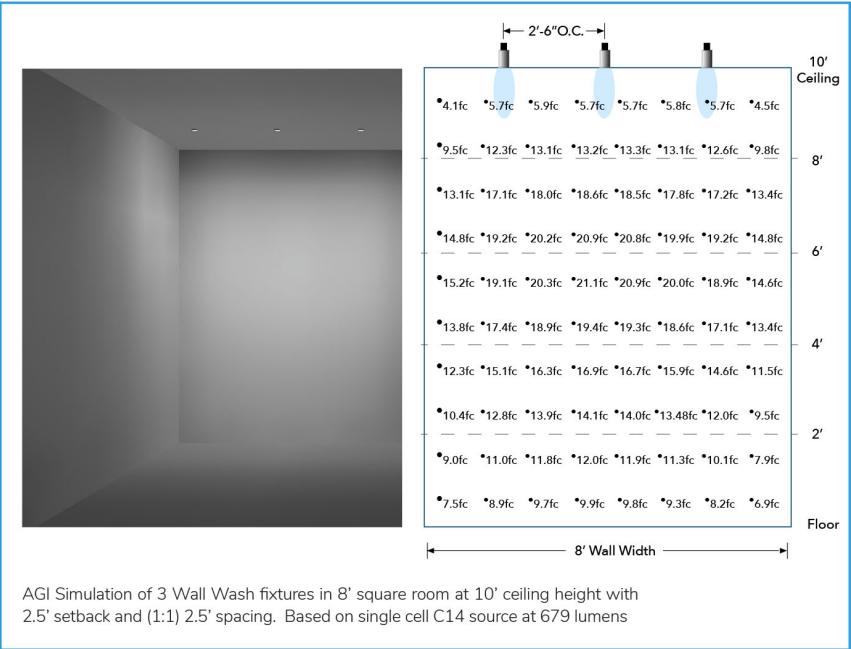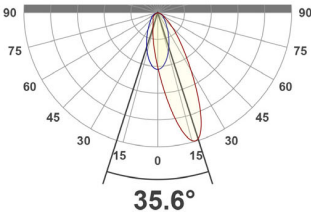AGI Simulation of 3 Wall Wash fixtures in 8' square room at 10' ceiling height with 2.5' setback and (1:1) 2.5' spacing. Based on single cell C14 source at 679 lumens

2'-6"O.C.

10' Ceiling

	4.1fc	5.7fc	5.9fc	5.7fc	5.7fc	5.8fc	5.7fc	4.5fc	
8'	9.5fc	12.3fc	13.1fc	13.2fc	13.3fc	13.1fc	12.6fc	9.8fc	
	13.1fc	17.1fc	18.0fc	18.6fc	18.5fc	17.8fc	17.2fc	13.4fc	
6'	14.8fc	19.2fc	20.2fc	20.9fc	20.8fc	19.9fc	19.2fc	14.8fc	
	15.2fc	19.1fc	20.3fc	21.1fc	20.9fc	20.0fc	18.9fc	14.6fc	
4'	13.8fc	17.4fc	18.9fc	19.4fc	19.3fc	18.6fc	17.1fc	13.4fc	
	12.3fc	15.1fc	16.3fc	16.9fc	16.7fc	15.9fc	14.6fc	11.5fc	
2'	10.4fc	12.8fc	13.9fc	14.1fc	14.0fc	13.48fc	12.0fc	9.5fc	
	9.0fc	11.0fc	11.8fc	12.0fc	11.9fc	11.3fc	10.1fc	7.9fc	
Floor	7.5fc	8.9fc	9.7fc	9.9fc	9.8fc	9.3fc	8.2fc	6.9fc	

8' Wall Width

www.specialty-lighting.com
© 2025 Specialty Lighting Industries

NOTE: Last Updated on Tue, Nov 25, 2025 9:06 AM.
These specifications are subject to change without notice.

Specialty Lighting Industries
1306 Doris Ave., Ocean, NJ 07712
Tel. 732.517.0800 | Fax 732.517.0971

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
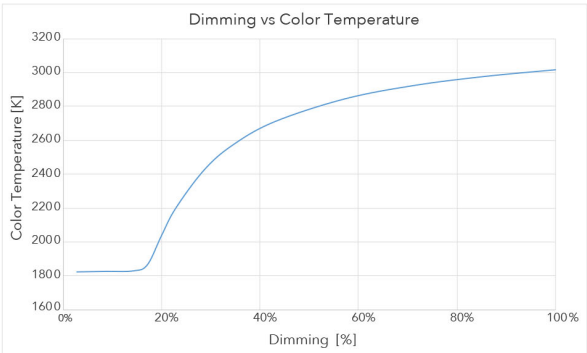
Citizen Sources for C14, C20 and C28

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

94 CRI **70 R9**
91 RF **100 RG**

CRI: 93.9 (R1-R8)

TM30: 91.2
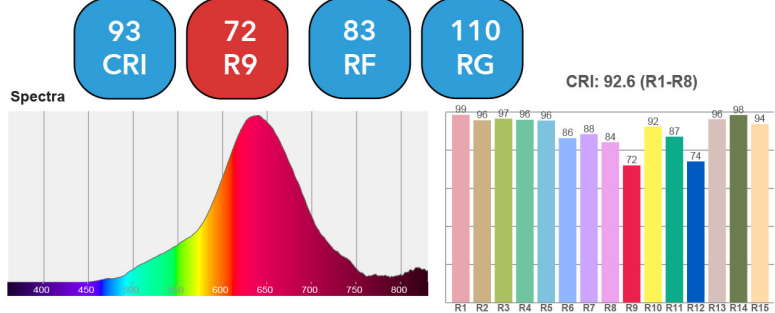
Spectra

Color distortion graphics

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

97 CRI **98 R9** **95 RF** **104 RG**

Spectra

CRI: 96.9 (R1-R8)

1850 CCT 5% Output

93 CRI **72 R9** **83 RF** **110 RG**

Spectra

CRI: 92.6 (R1-R8)

Dimming vs Color Temperature

www.specialty-lighting.com
© 2025 Specialty Lighting Industries

NOTE: Last Updated on Tue, Nov 25, 2025 9:06 AM.
These specifications are subject to change without notice.

Specialty Lighting Industries
1306 Doris Ave., Ocean, NJ 07712
Tel. 732.517.0800 | Fax 732.517.0971

Tunable White and RGBW

Color and flux information available upon request

www.specialty-lighting.com
© 2025 Specialty Lighting Industries

NOTE: Last Updated on Tue, Nov 25, 2025 9:06 AM.
These specifications are subject to change without notice.

Specialty Lighting Industries
1306 Doris Ave., Ocean, NJ 07712
Tel. 732.517.0800 | Fax 732.517.0971