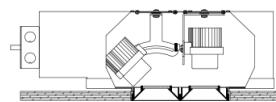
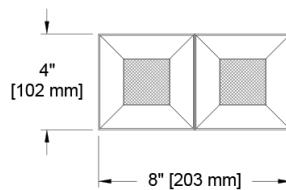
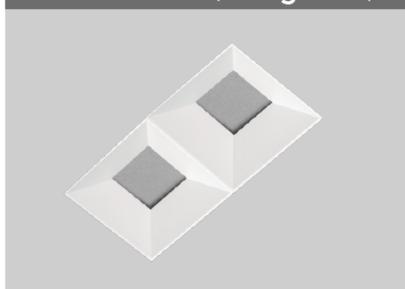


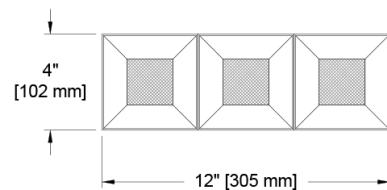
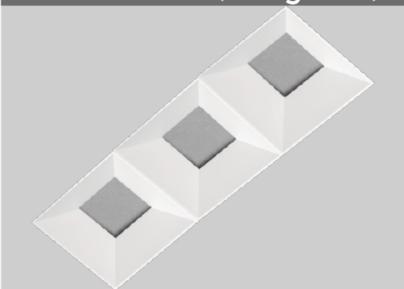
The Core Family

Welcome to the Core line of fixtures. The family is filled with a rich diversity of options while keeping classic forms. This highly modifiable family lineage features individually adjustable heads in multiple cells with a wide selection of options including wood trims and up to 6000 lumens in a 3 cell selection.

4x8"- 2 Cell (Flangeless)



4x12"- 3 Cell (Flangeless)



Aperture Options

Deep Recess (DR)

2 Cell
Formerly known as 1050-2

3 Cell
Formerly known as 1050-3

Open Recess (OR)

2 Cell
Formerly known as 1057-2

3 Cell
Formerly known as 1057-3

Wood Finish
3 Cell shown (2 Cell Available)
Formerly known as 1057-3

PROJECT:

TYPE:

SPECIFIER:

DATE:

Key Points (CR4MD-TMCA)

Trim

- Individual die cast aluminum or machined wood trim assembled to look as one contiguous multi cell fixture
- Plaster mount allows installation from below and includes mud-in flange with plaster lip
- 14 color options + custom/RAL or wood available
- 3 types of flangeless mounting available

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
- Over 6000 lumens delivered in 3 cell fixture with a C28 source selection
- Adjustable to 45° with 358° of rotation
- 4 beamspreads available- 15°, 24°, 40°, and 55°

Housing

- **TITLE 24** Compliant to **JA8** with IC/Airtight Housing

- **CS** 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™ 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

Ordering Codes

PROJECT:

SPECIFIER:

DATE:

TYPE:

QUANTITY:

Ordering Code Example: CR4MD-TMCA-DR3-Z-AP-C20-35-24-E2-3C-P14-97L-CP

| Fixture | Aperture | Trim | Mounting | Source / Watts | CCT | Beam | Driver / Control | Circuits | Trim Finish | Lens Accessories | Accessories |
|--|--|--|---|--|--|---|--|--|---|--|--|
| CR4MD-TMCA | | | | | | | | | | | |
| Core 4" Rectangular Multiple Adjustable Downlight - 2 and 3 Cell | Two Head DR2 2 Cell - Deep Recess OR2 2 Cell - Open Recess Three Head DR3 3 Cell - Deep Recess OR3 3 Cell - Open Recess | Z Flangeless Trim AU Universal - Non IC Universal IC/Airtight* | U Universal - Non IC P Plaster - Non IC AP Plaster IC/Airtight* | Citizen C14 15W 1173Lm** 90+CRI, 60+R9 C20 21W 1564Lm** 90+CRI, 60+R9 C28 30W* 2158Lm** 90+CRI, 60+R9 | 24 2400K 27 2700K 30 3000K 35 3500K | 15 Spot 24 Narrow Flood 40 Flood 55 Wide Flood | 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 | 1C 1 Circuit 2C 2 Circuit | W White Paint B Black Paint D Wood* | Aperture Lens 91A Solite 92A Supertex (Spreader Lens) 93A Frosted XXA Other Aperture Lens Treatments* P01-P15 Reflector (lamp) Media | EM Emergency Pack CP Chicago Plenum Controls LR Lutron Wireless RF PowPak ATH Lutron Athena Wireless Node CA Casambi Wireless BLE to be paired with driver |
| | | | PM Panel Mount - Non IC APM Panel Mount Airtight/IC* | Tunable T9 90+CRI, 60+R9 Tunable White T14 90+CRI, 60+R9 Tunable White | TW1840 1800-4000K Tunable White w/ E1, E2, E3, E4 | | | PXX Specialty Paint Color* | | | |
| | | | California Title 24 Compliant *Not compatible with C28 Source | RGBW 90+CRI, 60+R9 Ambient Dim™ A14 15W 810Lm 95+CRI, 90+R9 A20 21W 858Lm 95+CRI, 90+R9 | TW2765 2700-6500K Tunable White w/ E1, E2, E3, E4 | | 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 | C Custom/RAL Color** | 91L Solite 97L Black Hexcel Louver | * Wood "D" selection to be used with Z trim and PM mounting - Refer to Wood Trim Guide ** Refer to Finish Guide | |
| | | | | 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 Open Recess 15° beam, single cell | RG1280 1200-8000K RGBW Dynamic Color Changing *Requires E2 or E4 | | LD Digital Ecosystem 1.0%, UNV (120-277V) ECO Hi-Lume SoftOn/Fade-to-Black LDE1 | | | 1 piece of media per opening (aperture or reflector) can be selected *Refer to Lens Guide | |
| | | | | Ambient Dim™ 2722* 2700-2200K *A14 Only 3019 3000-1900K 3022 * 3000-2200K *A14 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 | | |  | |

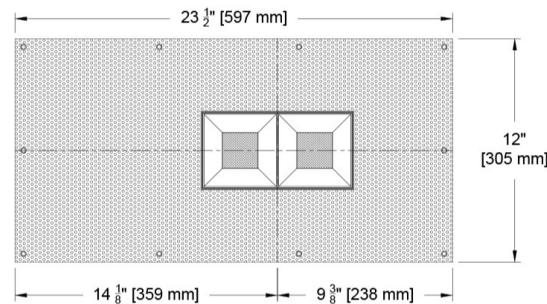
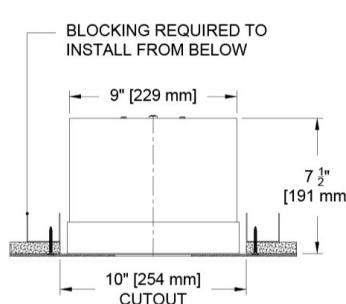
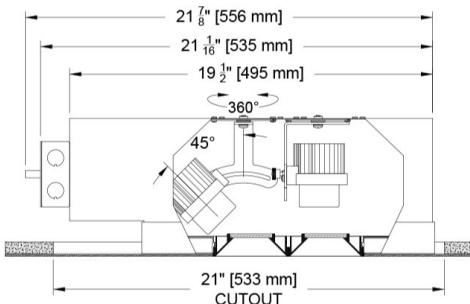
Ceiling Cutouts and Dimensions

Deep Regress Shown - open regress same

2 Cell Flangeless Housing

Plaster Mount (P/AP)

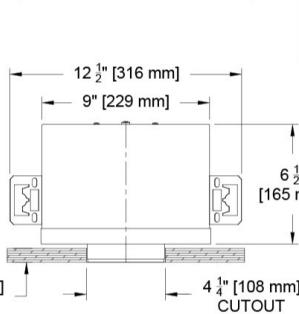
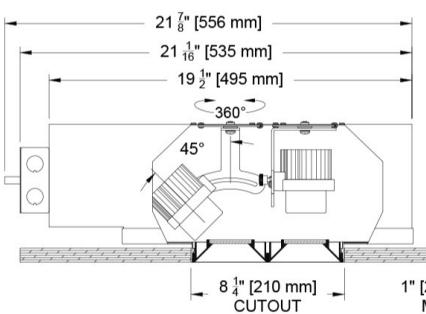
(CR4MD-TMCA-DR2-Z-P/AP)



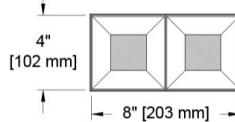
2 Cell Flangeless Housing

Flangeless Mount (U/AU)

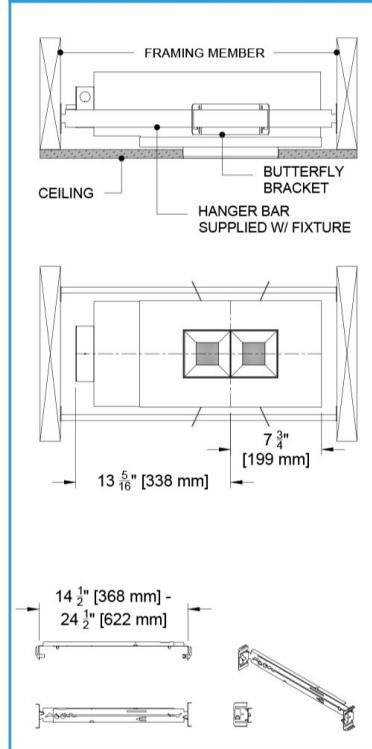
(CR4MD-TMCA-DR2-Z-U/AU)



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



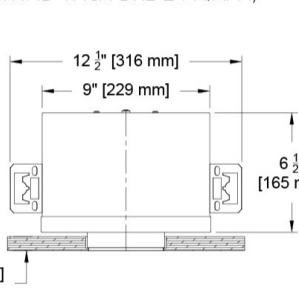
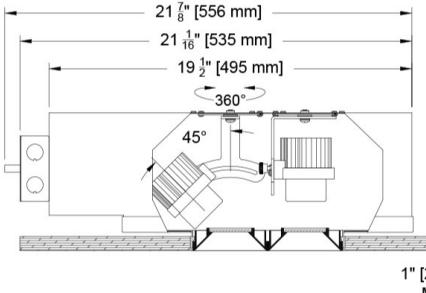
Hanger Bar Detail



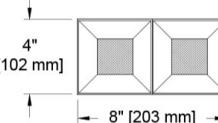
2 Cell Flangeless Housing

Panel Mount (PM/APM)

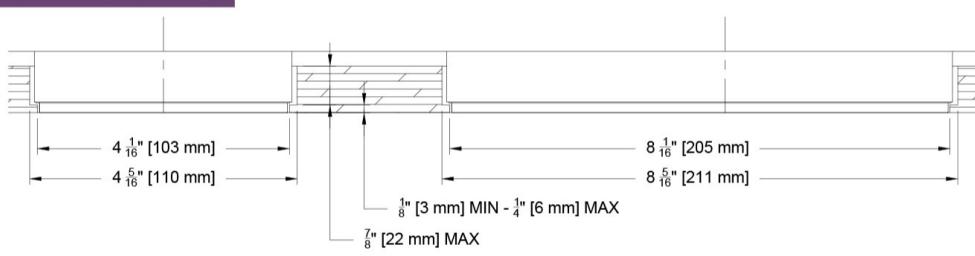
(CR4MD-TMCA-DR2-Z-PM/APM)



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



Panel Mount Detail



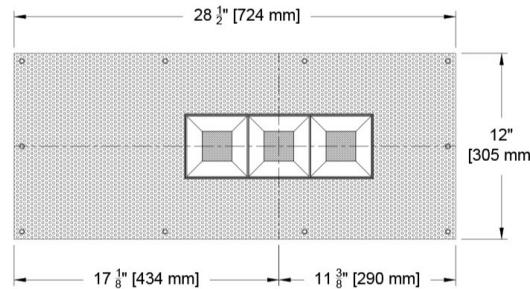
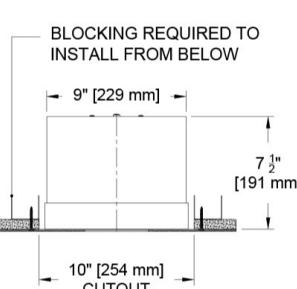
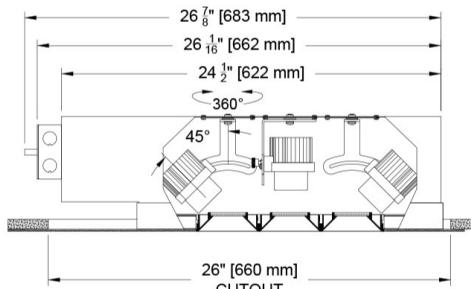
Ceiling Cutouts and Dimensions

Deep Regress Shown - open regress same

3 Cell Flangeless Housing

Plaster Mount (P/AP)

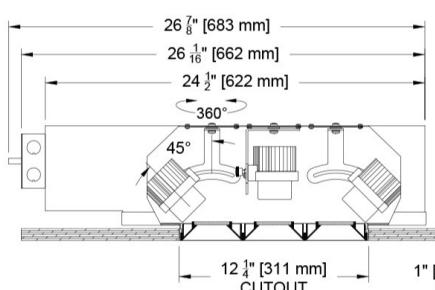
(CR4MD-TMCA-DR3-Z-P/AP)



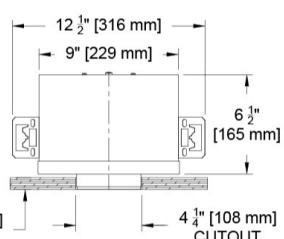
3 Cell Flangeless Housing

Flangeless Mount (U/AU)

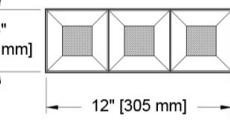
(CR4MD-TMCA-DR3-Z-U/AU)



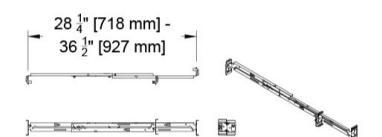
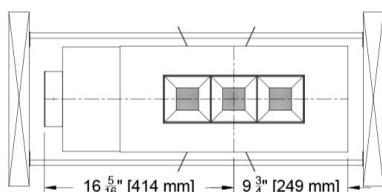
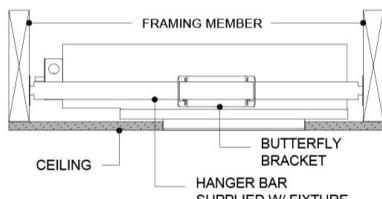
1" [25 mm] MAX



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



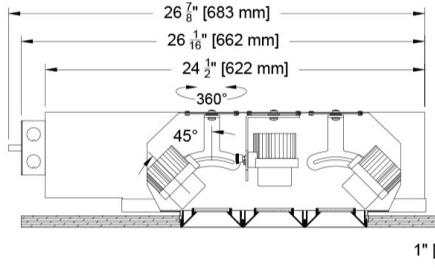
Hanger Bar Detail



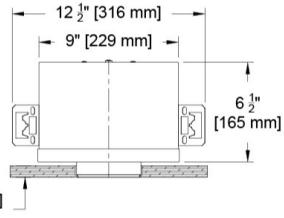
3 Cell Flangeless Housing

Panel Mount (PM/APM)

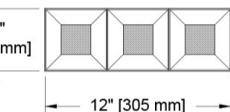
(CR4MD-TMCA-DR3-Z-PM/APM)



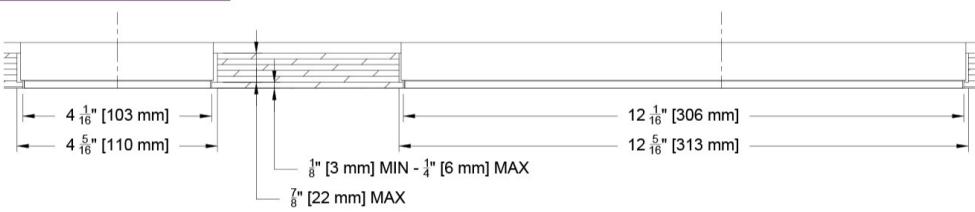
1" [25 mm] MAX



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

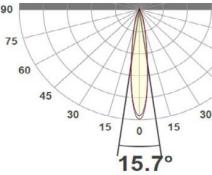
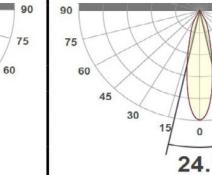
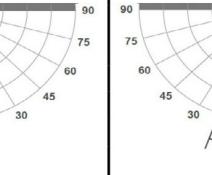
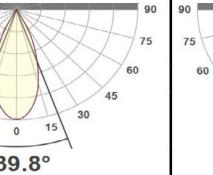


Panel Mount Detail



Photometric Table

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

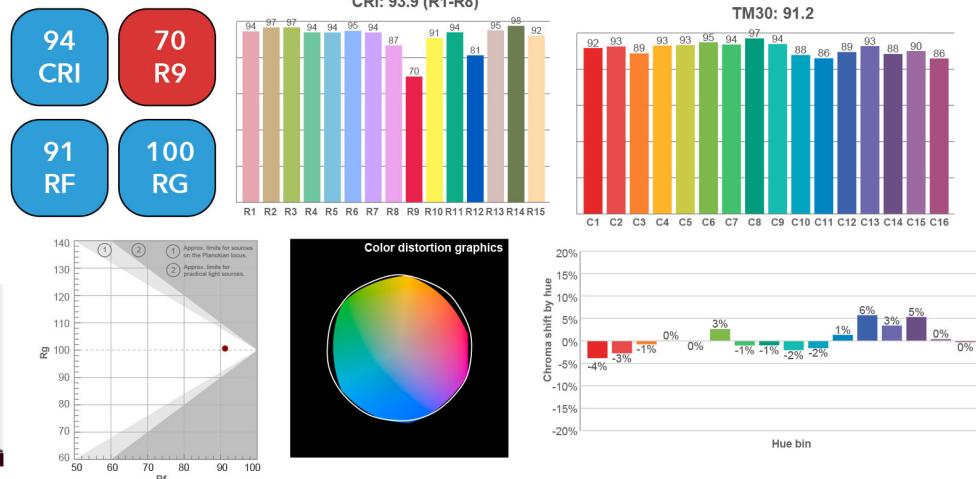
| SQUARE Beamspreads | | 15° | | | | 24° | | | | 40° | | | | 55° | | | | |
|-------------------------------------|-----------------|--|-----------------------------|-----------------|------------|--|-----------------------------|-----------------|------------|---|-----------------------------|-----------------|------------|--|-----------------------------|----------|------------|-----------|
| Source | | System watts (W) | Delivered Lumens (lm) | Lumens/ Watt | Peak CD | 10% Field | Delivered Lumens (lm) | Lumens/ Watt | Peak CD | 10% Field | Delivered Lumens (lm) | Lumens/ Watt | Peak CD | 10% Field | Delivered Lumens (lm) | Lms/Watt | Peak CD | 10% Field |
| Deep Regress | Citizen C14 | 15 | 1068 | 71 | 7642 | 42° | 995 | 66 | 4174 | 46° | 1037 | 69 | 3429 | 51° | 996 | 66 | 1402 | 71° |
| | Citizen C20 | 21 | 1424 | 68 | 10190 | 40° | 1326 | 63 | 5562 | 39° | 1382 | 66 | 4570 | 55° | 1328 | 63 | 1870 | 73° |
| | Citizen C28* | 30 | 1848 | 62 | 13223 | 44° | 1857 | 62 | 7791 | 47° | 1916 | 64 | 6336 | 54° | 1816 | 61 | 2556 | 69° |
| | Ambient Dim A14 | 15 | 694 | 46 | 6220 | 43° | 656 | 44 | 3189 | 44° | 656 | 44 | 1827 | 53° | 643 | 43 | 1028 | 70° |
| Open Regress | Citizen C14 | 15 | 1173 | 78 | 7776 | 42° | 1091 | 73 | 4167 | 52° | 1112 | 74 | 2422 | 66° | 1058 | 71 | 1357 | 74° |
| | Citizen C20 | 21 | 1564 | 74 | 10369 | 41° | 1455 | 69 | 5559 | 57° | 1482 | 71 | 3199 | 63° | 1411 | 67 | 1810 | 76° |
| | Citizen C28* | 30 | 2158 | 72 | 14306 | 44° | 2008 | 67 | 7669 | 55° | 2045 | 68 | 4455 | 67° | 1947 | 65 | 2496 | 72° |
| | Ambient Dim A14 | 15 | 810 | 54 | 5857 | 39° | 779 | 52 | 3270 | 56° | 779 | 52 | 1829 | 60° | 764 | 51 | 1058 | 72° |
| CCT Multiplier | |  15.7° | | | |  24.1° | | | |  39.8° | | | |  57° | | | | |
| CCT | | Citizen | | | | | | | | | | | | | | | | |
| 2700 | | 0.95 | | | | | | | | | | | | | | | | |
| 3000 | | 1.00 | | | | | | | | | | | | | | | | |
| 3500 | | 1.02 | | | | | | | | | | | | | | | | |
| 4000 | | 1.03 | | | | | | | | | | | | | | | | |
| All measurements based on 3000 CCT. | | | | | | | | | | | | | | | | | | |

All measurements are delivered or derived delivered lumens at 3000K. Values are based on a single head aimed at 0° in the Core 4" square down light (CR4D-SA). 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 must be used with NIC housing.

Color Data

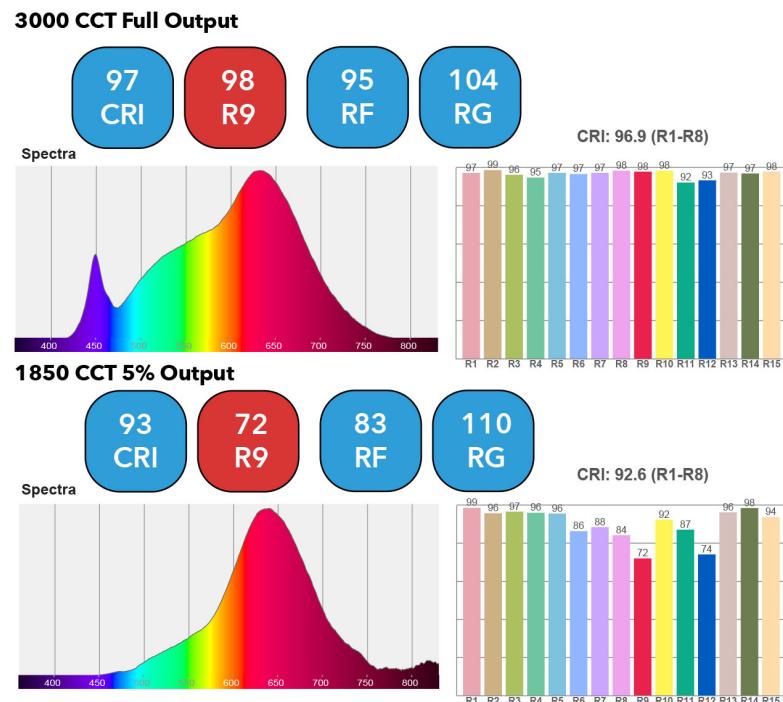
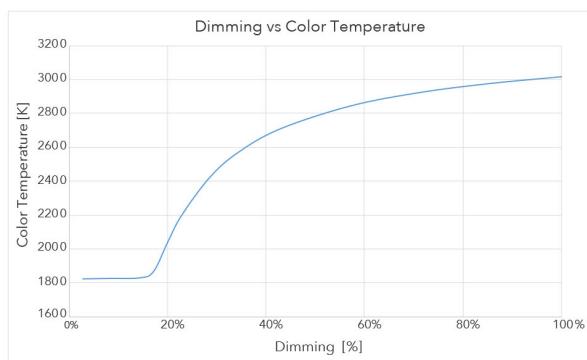
Citizen Sources for C14, C20 and C28

- <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



Tunable White and RGBW

Color and flux information available upon request