Core 4" Rectangular Multiple - 2 & 3 Cell

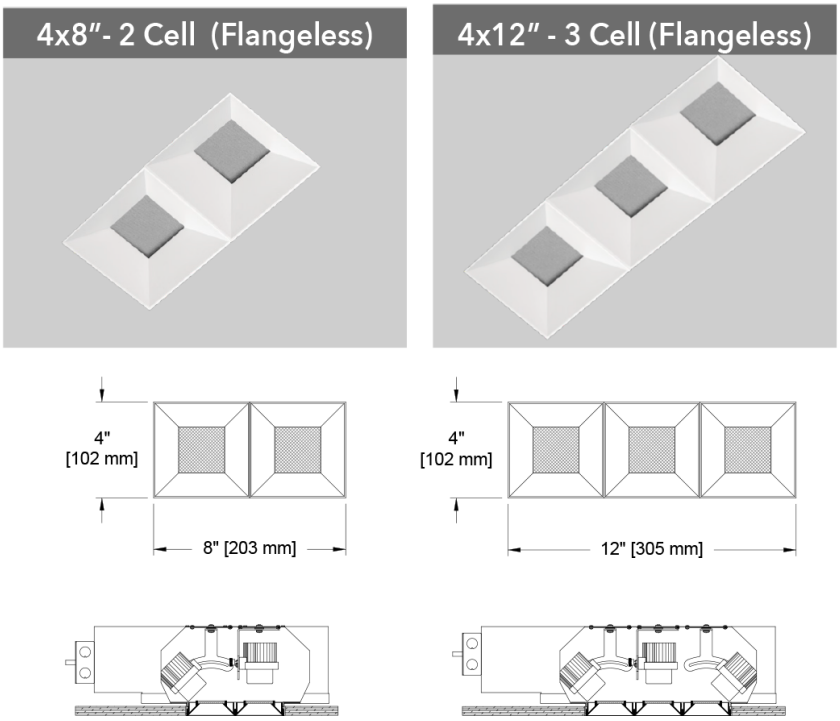
Formerly known as 1050-2, 1050-3, 1057-2, 1057-3
Recessed Adjustable Multiple Aperture (Cell)

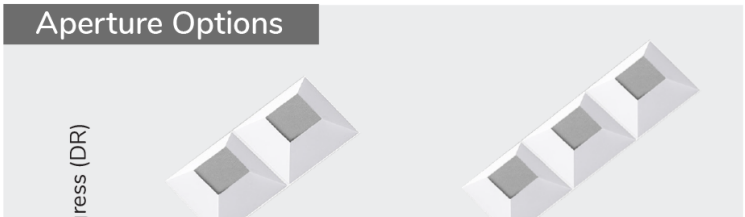
The Core Family

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.

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 40ºC 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 45º with 358º of rotation
- 4 beamspreads available- 15º, 24º, 40º, and 55º

Housing

- TITLE 24 Compliant to JA8 with IC/Airtight Housing
- c SP us Listed – Damp or wet with shower trim
- Approved for 8 (4-in / 4-out) #12 AWG conductors ratedfor 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

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1306 Doris Ave., Ocean, NJ 07712
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Core 4" Rectangular Multiple - 2 & 3 Cell

Formerly known as 1050-2, 1050-3, 1057-2, 1057-3
Recessed Adjustable Multiple Aperture (Cell)

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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	LUMENS / 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 Regress OR2 2 Cell - Open Regress **Three Head** DR3 3 Cell - Deep Regress OR3 3 Cell - Open Regress	Z Flangeless Trim	U Universal - Non IC AU Airtight Universal *IC-Rated* P Plaster - Non IC AP Airtight Plaster *IC-Rated* PM Panel Mount - Non IC APM Airtight Panel Mount *IC-Rated* California Title 24 Compliant *Not compatible with C28 Source	**Citizen** C14 15W 1173Lm** 90+CRI, 60+R9 C20 21W 1564Lm** 90+CRI, 60+R9 C28 30W* 2158Lm** 90+CRI, 60+R9 **Tunable** T9 90+CRI, 60+R9 *Tunable White* T14 90+CRI, 60+R9 *Tunable White* RGBW 90+CRI, 60+R9 **Ambient Dim™** A14 15W 810Lm 95+CRI, 90+R9 A20 21W 858Lm 95+CRI, 90+R9 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 Regress 15° beam, single cell	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*	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 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%, (120-120V) log 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	**Aperture Lens** 91A Solite 92A Supertex (Spreader Lens) 93A Frosted XXA Other Aperture Lens Treatments* **Reflector (lamp) Media** 91L Solite 97L Black Hexcel Louver XXL Other reflector (lamp) media* 1 piece of media per opening (aperture or reflector) can be selected *Refer to Lens Guide LENS ACCESSORY VISUAL GUIDE LINK	EM Emergency Pack CP Chicago Plenum BABA BABA Products CA Casambi Wireless BLE to be paired with driver **Controls** LR Lutron Wireless RF PowPak ATH Lutron Athena Wireless Node *Must be used with E2 driver*

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Core 4" Rectangular Multiple - 2 & 3 Cell

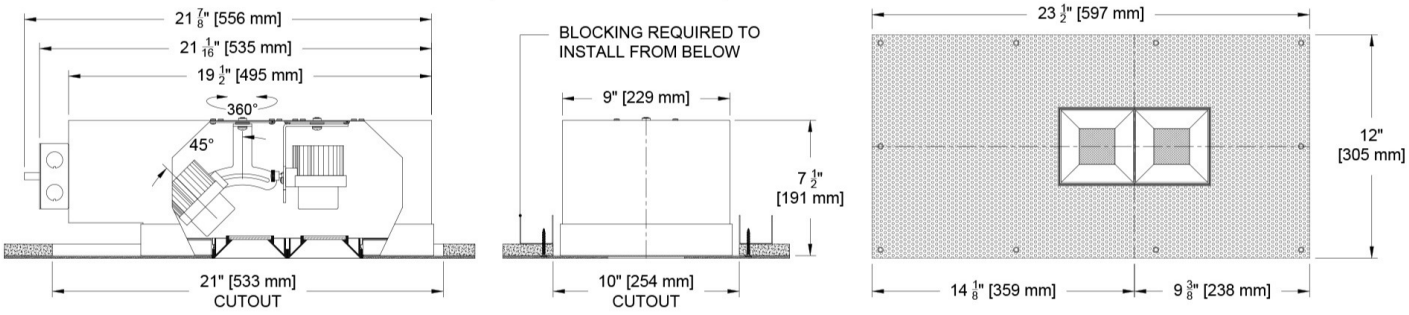
Formerly known as 1050-2, 1050-3, 1057-2, 1057-3
Recessed Adjustable Multiple Aperture (Cell)

Ceiling Cutouts and Dimensions

Deep Regress Shown - open regress same

2 Cell Flangeless Housing — Plaster Mount (P/AP)

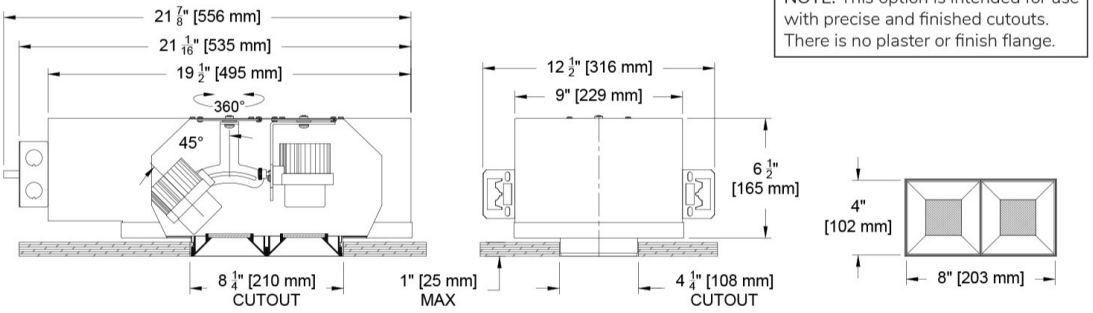
(CR4MD-TMCA-DR2-Z-P/AP)



2 Cell Flangeless Housing — Flangeless Mount (U/AU)

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

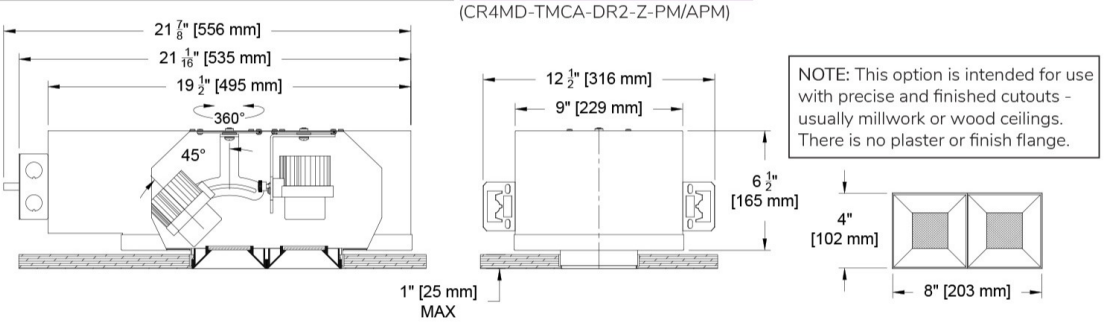
NOTE: This option is intended for use with precise and finished cutouts. There is no plaster or finish flange.



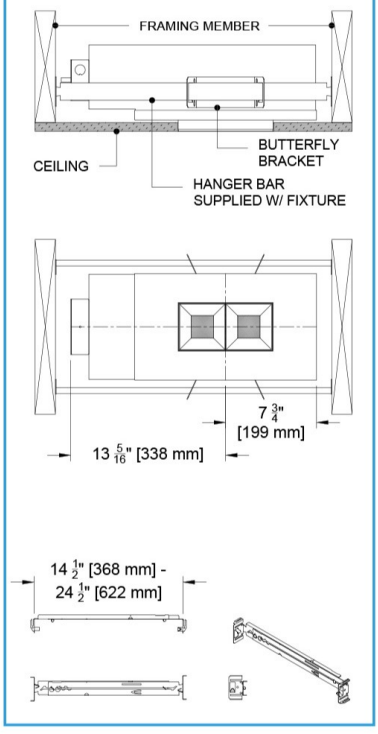
2 Cell Flangeless Housing — Panel Mount (PM/APM)

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

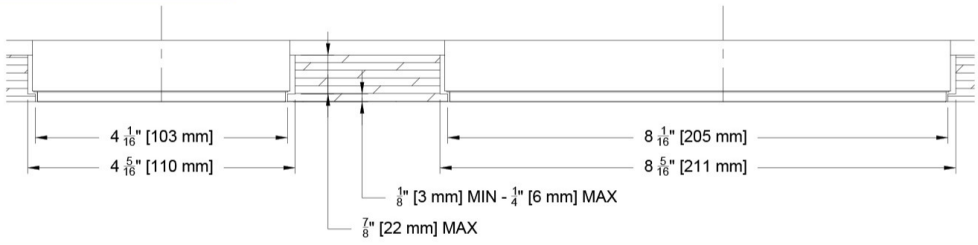
NOTE: This option is intended for use with precise and finished cutouts - usually millwork or wood ceilings. There is no plaster or finish flange.



Hanger Bar Detail



Panel Mount Detail



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Core 4" Rectangular Multiple - 2 & 3 Cell

Formerly known as 1050-2, 1050-3, 1057-2, 1057-3

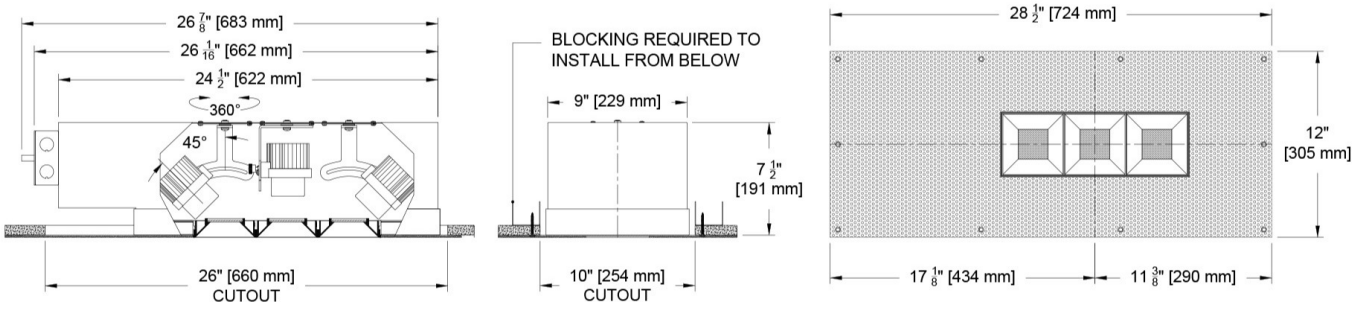
Recessed Adjustable Multiple Aperture (Cell)

Ceiling Cutouts and Dimensions

Deep Regress Shown - open regress same

3 Cell Flangeless Housing — Plaster Mount (P/AP)

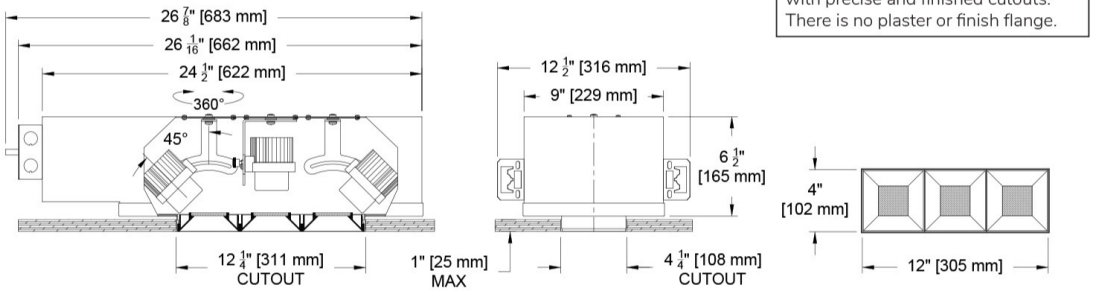
(CR4MD-TMCA-DR3-Z-P/AP)



3 Cell Flangeless Housing — Flangeless Mount (U/AU)

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

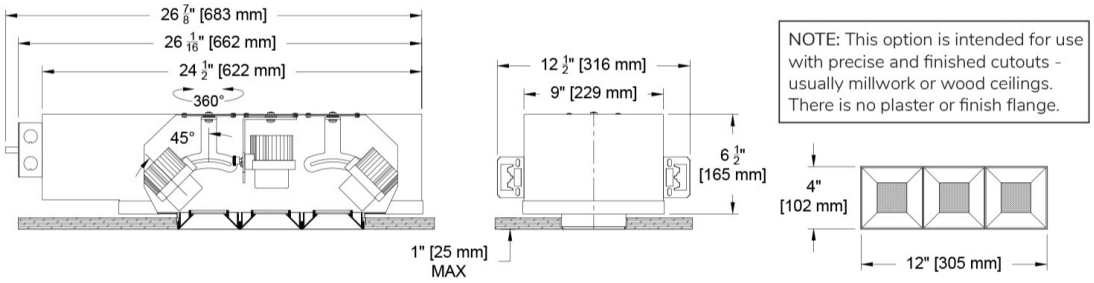
NOTE: This option is intended for use with precise and finished cutouts. There is no plaster or finish flange.



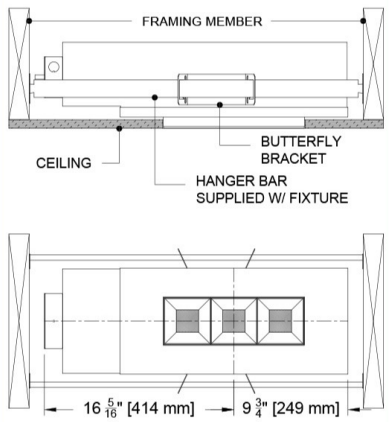
3 Cell Flangeless Housing — Panel Mount (PM/APM)

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

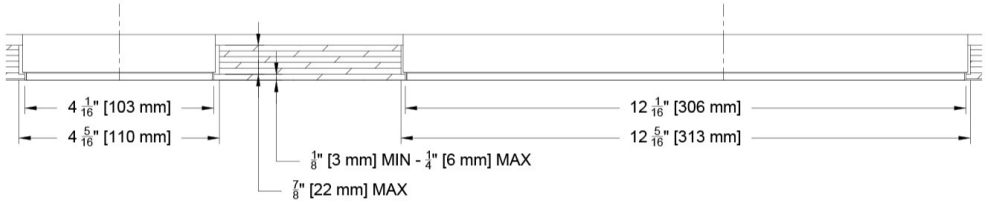
NOTE: This option is intended for use with precise and finished cutouts - usually millwork or wood ceilings. There is no plaster or finish flange.



Hanger Bar Detail



Panel Mount Detail



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Core 4" Rectangular Multiple - 2 & 3 Cell

Formerly known as 1050-2, 1050-3, 1057-2, 1057-3

Recessed Adjustable Multiple Aperture (Cell)

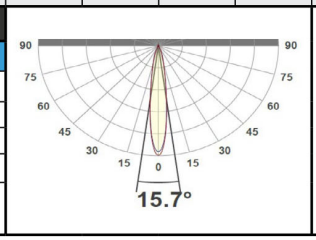
Photometric Table

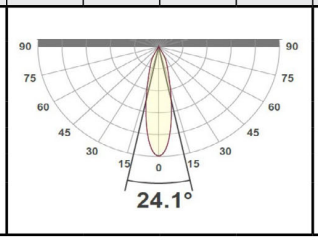
All data is based on goniometer measurements of production representative product for a single cell fixture. Multiple cells will deliver additional light and will need to be accounted for individually in calculations. All lumen values can vary +/- 10% from LED manufacturer rated flux range. Measurements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

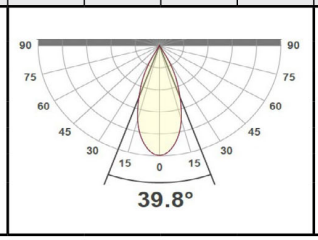
SQUARE Beamspreads			15°				24°				40°				55°			
	Source	System watts (W)	Delivered Lumens (lm)	Lumens/ Watt	Peak CD	10% Field	Delivered Lumens (lm)	Lumens/ Watt	Peak CD	10% Field	Delivered Lumens (lm)	Lumens/ Watt	Peak CD	10% Field	Delivered Lumens (lm)	Lms/ Watt	Peak CD	10% Field
Deep Regress	Citizen 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°

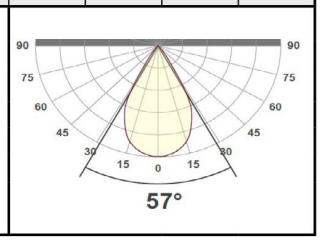
CCT Multiplier	
CCT	Citizen
2700	0.95
3000	1.00
3500	1.02
4000	1.03

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.

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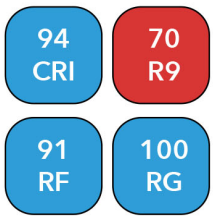
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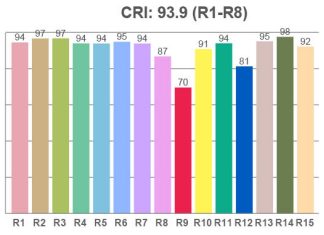
Color Data

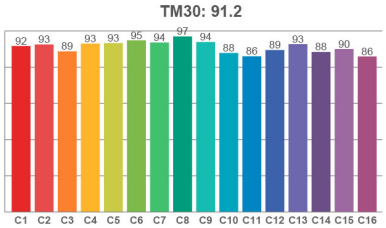
All data is based from goniometer measurements of production representative product. All values can vary +/- 10% from LED manufacturer rated data range. Measurements at 3000 CCT

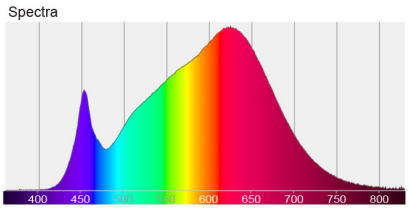
Citizen Sources for C14, C20 and C28

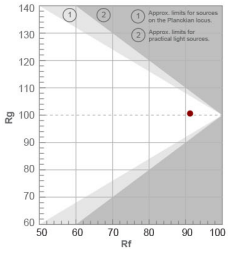
- <2 MacAdam Ellipse (<2 SDCM)
- 90+ CRI and RF
- 60+R9, Hue Bin 1

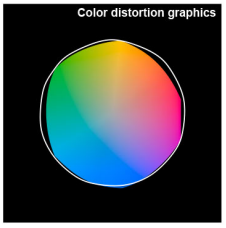


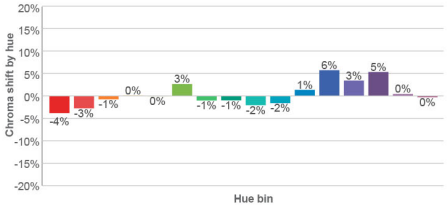






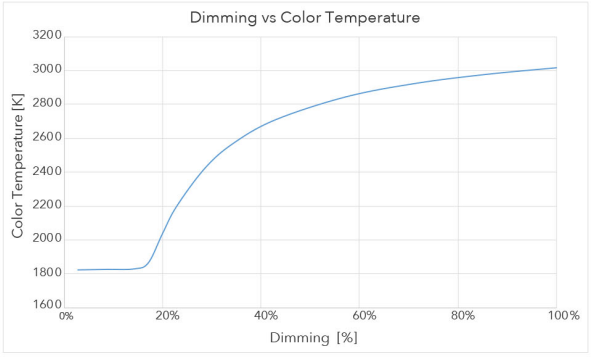






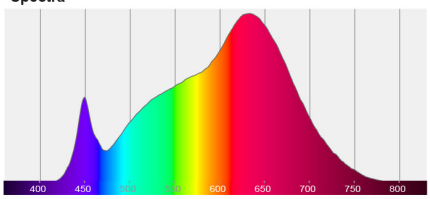
Ambient Dim 3000k to 1900k

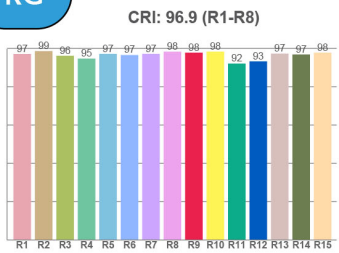
- <3 MacAdam Ellipse (<3 SDCM)
- 95+ CRI and RF
- 90+R9, Hue Bin 1
- Follows Black Body Locus through dimming range



3000 CCT Full Output

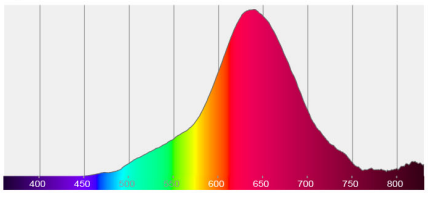


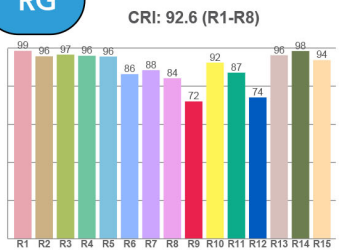




1850 CCT 5% Output







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Tunable White and RGBW

Color and flux information available upon request

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