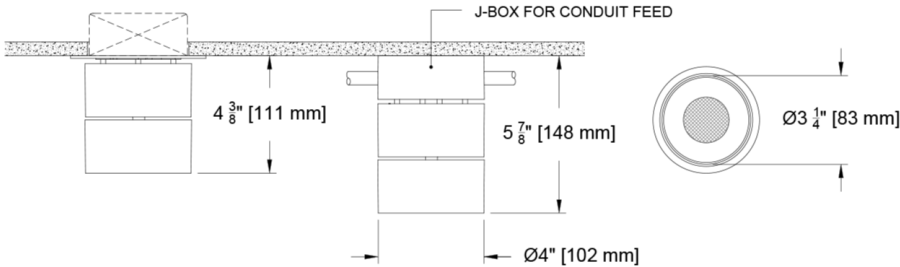


The Core Family

Welcome to the Core line of cylinder fixtures. When plenum space is constrained or an open ceiling plan is deployed the round adjustable cylinder features 3 mounting options: Surface, Stem/Pendant and J-Box (for open ceiling applications). The J-box mounting comes with a crafted and finished J-box cover allowing conduit pass through. With 40 paint and anodize finish options available, the fixture deploys 360° of rotation and 90° of tilt to get the light moving to where you want it.



PROJECT: TYPE:
SPECIFIER: DATE:

Key Points (CR4C-RA)

Housing/Trim

- Heavy gauge extruded aluminum finished and machined in USA
- 3 Mounting options - Surface, Jbox or Stem/Pendant mount
- 40 finish options + custom and RAL available
- Adjustable - 360° rotation and 90° tilt
-  Listed to UL standard 1598 - Damp Location

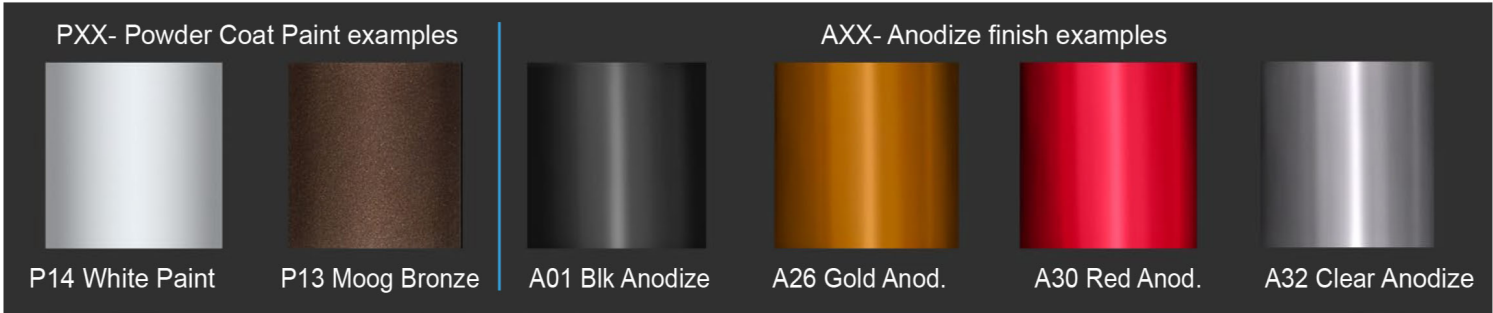
Source/Optics

- Up to 940 delivered lumens
-  source efficacy to JA8 requirements
- <2 MacAdam Ellipses (<2SDCM) for fixed white sources
- 90+ CRI, 60+ R9 standard, 95 CRI, 90+ R9 available in Ambient Dim
- 2400K, 2700K, 3000K, 3500K, 4000K Ambient Dim, RGBW & Tunable White options
- Beam options of 20°, 26°, 38° and 60°
- Lifetime: L87B3>55,000 hours at 40° C ambient for fixed white source

Driver

- Universal 120v to 277v
- Prewired & integral to fixture. Remote available upon request
- Flicker free to IEEE 1789-2015
- Phase, 0-10, DALI-2, DMX, Ecosystem or Wireless control

Finish Options - See finish guide for full spectrum of colors



Ordering Codes

PROJECT:

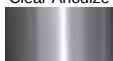
SPECIFIER:

DATE:

TYPE:

QUANTITY:

Ordering Code Example: CR4C-RA-JB-C14-30-38-C1-L07-91A-EM

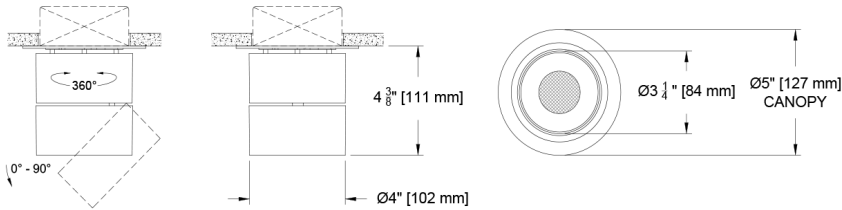
FIXTURE	MOUNTING	LENGTH	SOURCE / WATTS	CCT	BEAM	DRIVER / CONTROL	HOUSING FINISH	LENS ACCESSORIES	ACCESSORIES
CR4C-RA									
Core 4" Round Adjustable Cylinder	SM Surface Mount*	B Blank - use for surface or jbox mount	Citizen	24 2400K	20 Spot	C1 0-10 1.0%, UNV (120-277V) linear	W White Paint 	91A Solite	EM Emergency Pack
	SMR Surface Mount ^ (Remote driver)	- Specify Length	C14   14W 940Lm* 90+CRI, 60+R9	27 2700K	26 Narrow Flood	C2 ELV/Triac 1.0%, (120V) linear	B Black Paint 	Aperture Lens 93A Frosted	Controls LR Lutron Wireless RF PowPak
	JB J Box mount^	6 6" Stem	Tunable	30 3000K	38 Flood	E1 0-10 0.1%, UNV (120-277V) log	PXX Specialty Paint Color* 	XXA Other Aperture Lens Treatments*	ATH Lutron Athena Wireless Node <i>Must be used with E2 driver</i>
	JBR J Box mount^ (Remote Driver)	12 12" Stem	T9 90+CRI, 60+R9 <i>Tunable White</i>	35 3500K	60 Wide Flood	E2 DALI-2 0.1%, UNV (120-277V) log	A01 Black Anodize 		CA Casambi Wireless BLE to be paired with driver
	LJB Large Junction Box, accommodates Lutron & EldoLED^	18 18" Stem	T14 90+CRI, 60+R9 <i>Tunable White</i>	40 4000K	Tunable	E3 0-10 0.1%, UNV (120-277V) linear	A32 Clear Anodize 		
	STM Stem Mount	24 24" Stem	RGBW 90+CRI, 60+R9	TW1840 1800-4000K Tunable White <i>w/ E1, E2, E3, E4</i>	TW2765 2700-6500K Tunable White <i>w/ E1, E2, E3, E4</i>	E4^ DMX 0.1%, UNV (120-277V) Universal DMX Driver/Controller <i>RGBW-DMX</i> <i>^ INCLUDES DMX/RDM COMPATIBLE DRIVER WITH BUILT-IN DECODER - CONTROLLER BY OTHERS</i>	AAX Specialty Anodize Color* 		
	*Recessed Jbox supplied by others	Note: All stems supplied by Specialty Lighting	Ambient Dim™	RG1280 1200-8000K RGBW Dynamic Color Changing <i>*Requires E2 or E4</i>	RG1280 1200-8000K RGBW Dynamic Color Changing <i>*Requires E2 or E4</i>	LP Digital Ecosystem* 0.1%, UNV (120-277V) ECO Premier Hi-Lume SoftOn/Fade-to-Black, PEQ0, 20W max	C Custom/RAL* 		
	^Surface Jbox cover crafted, finished and supplied by Specialty			A14   14W 831Lm* 95+CRI, 90+R9	2722 2700-2200K	LD Digital Ecosystem* 1.0%, UNV (120-277V) ECO Hi-Lume SoftOn/Fade-to-Black LDE1	*See Finish Guide 		
				*Based on 20° Optic	3019 3000-1900K		Note: EldoLED and Lutron drivers require the selection of LJB mounting.		
					3022 3000-2200K				

Ceiling Cutouts and Dimensions

Adjustable Downlight

Surface Mount

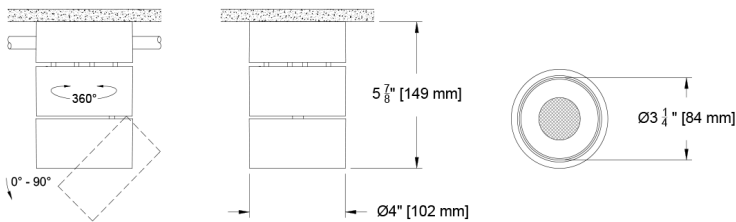
(CR4C-RA-SM-)



Adjustable Downlight

J-Box Mount

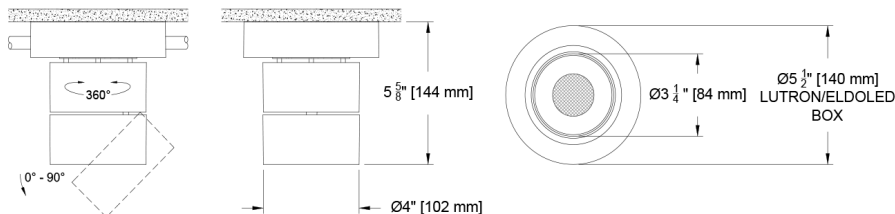
(CR4C-RA-JB-)



Adjustable Downlight

Large J-Box (for Lutron or EldoLED Driver)

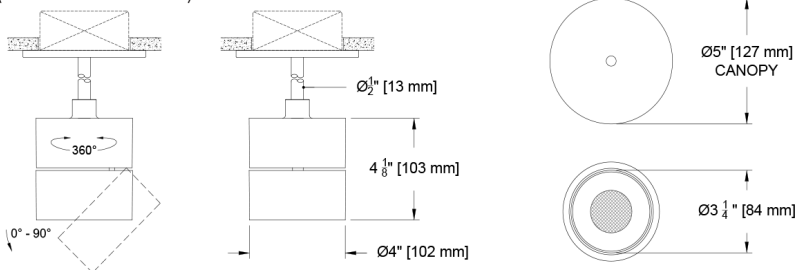
(CR4C-RA-LJB-)



Adjustable Downlight

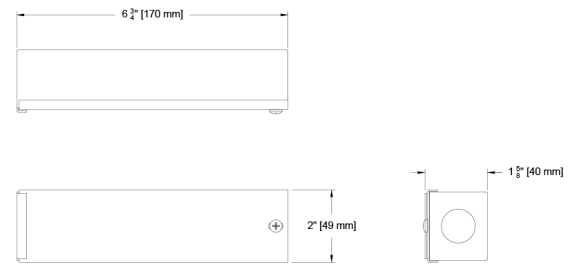
Stem / Pendant Mount

(CR4C-RA-STM-)



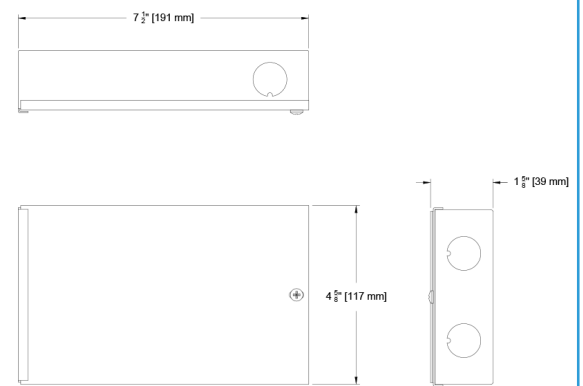
Remote Driver Box

For C1, C2, E1, E2, E3, TR2



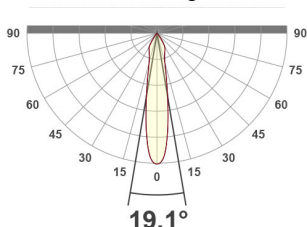
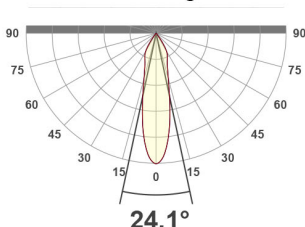
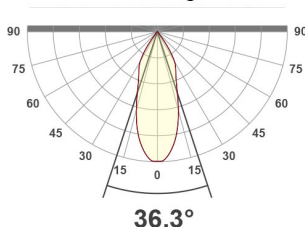
Remote Driver Box

E4, LD



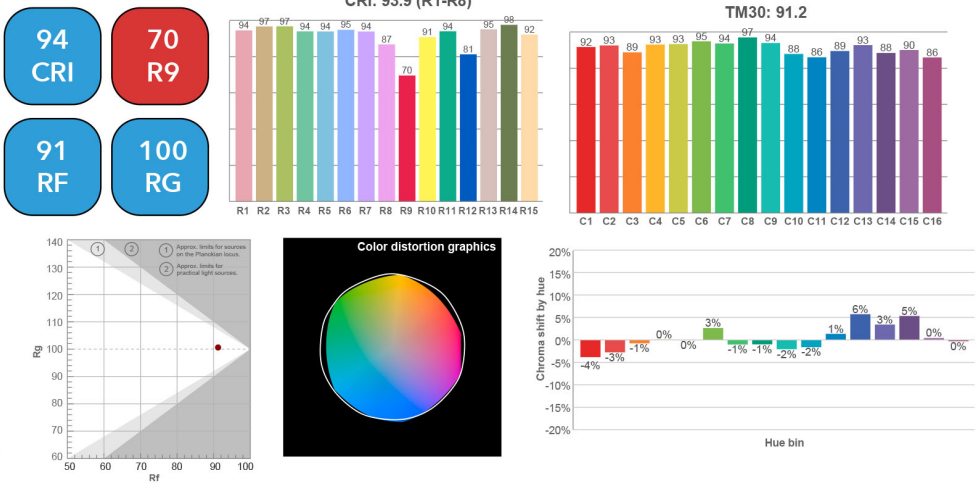
Photometric Table

All data is based from goniometer measurements of production representative product. All lumen values can vary +/- 10% from LED manufacturer rated flux range. All measurements are delivered lumens based on 3000K unless otherwise noted below. Ambient dim measured at full output. ISO cd Plots based upon C14 Source.

CYLINDER Beamspreads		20°				26°				38°			
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
Citizen C14	14	940	65	2529	70°	908	63	2102	71°	903	63	1456	75°
Ambient Dim A14	14	831	58	3063	65°	815	57	2328	68°	780	54	1449	73°
CCT Multiplier		Beam angle  19.1°				Beam angle  24.1°				Beam angle  36.3°			
CCT	Citizen												
2700	0.95												
3000	1.00												
3500	1.02												
4000	1.03												
All measurements are delivered lumens based on 3000K unless otherwise noted below. Ambient Dim measured at full output. ISO CD plots based on A14 source. C14 source increases beam spread approximately 3° to 5°. All fixture efficacies are Title 24 compliant to JA8.													

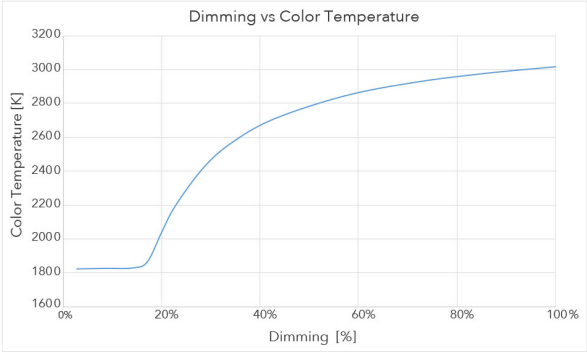
Citizen Source C14

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

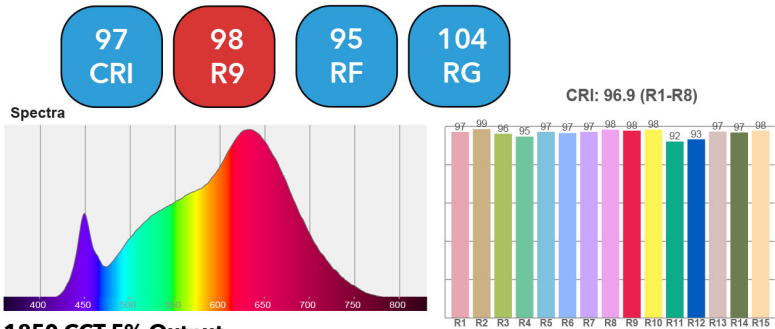


Ambient Dim Source A14 (AD - 3000k to 1900k)

- <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

