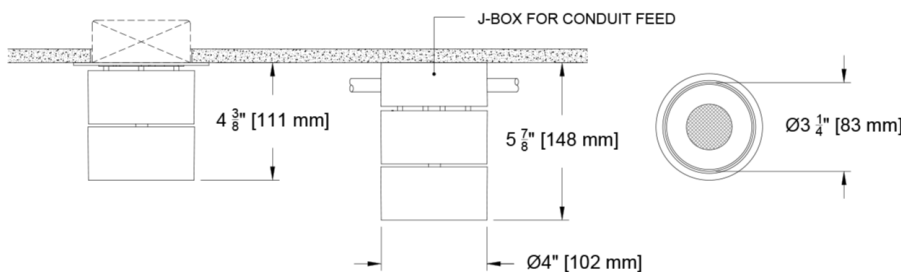


The Core Family

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

- 2400K, 2700K, 3000K, 3500K, 4000K
-  AmbientDim™, RGBW & Tunable White options
- 90+ CRI, 60+ R9 standard, 95 CRI, 90+ R9 available in Ambient Dim
- <2 MacAdam Ellipses (<2SDCM) for fixed white sources
- Up to 940 delivered lumens
- Beam options of 20°, 26°, 38° and 60°
-  source efficacy to  requirements
- [View Photometry](#)

Driver

-  TruPhase™ - Dimming down to 0.1% - 120V only
- Phase, 0-10, DALI-2, DMX, Ecosystem or Wireless control
- Flicker free to IEEE 1789-2015
- Prewired & integral to fixture. Remote available upon request
- Universal 120v to 277v

Finish Options - See finish guide for full spectrum of colors

PXX- Powder Coat Paint examples



P14 White Paint

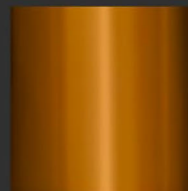


P13 Moog Bronze

AXX- Anodize finish examples



A01 Blk Anodize



A26 Gold Anod.



A30 Red Anod.



A32 Clear Anodize

Adjustable Surface Accent Light



PROJECT:

SPECIFIER:

DATE:

TYPE:

QUANTITY:

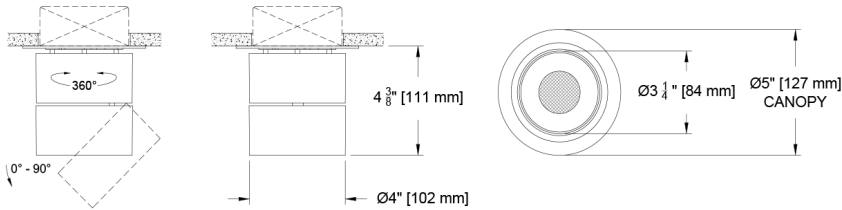
Fixture	Mounting	Length	Source / Watts	CCT	Beam	Driver / Control	Housing Finish	Lens	Accessories	
CR4C-RA										
Core 4" Round Adjustable Cylinder	SM Surface Mount*	B Blank - use for surface or jbox mount	Citizen	24 2400K	20 Spot	C1 0-10 1.0%, UNV (120-277V) linear	W White Paint	91A Solite	EM Emergency 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		Aperture Lens	CA Casambi Wireless BLE to be paired with driver	
	JB J Box mount^	6 6" Stem	Tunable	30 3000K	38 Flood	E1 0-10 0.1%, UNV (120-277V) log	B Black Paint	93A Frosted	Controls	
	JBR J Box mount^ (Remote Driver)	12 12" Stem	T9 ** 90+CRI, 60+R9 Tunable White	35 3500K	60 Wide Flood	E2 0-10 0.1%, UNV (120-277V) log		XXA Other Aperture Lens Treatments*	LR Lutron Wireless RF PowPak	
	LJB Large Junction Box, accommodates Lutron & EdoLED^	18 18" Stem	T14 ** 90+CRI, 60+R9 Tunable White	40 4000K		E3 0-10 0.1%, UNV (120-277V) linear	PXX Specialty Paint Color*		ATH Lutron Athena Wireless Node Must be used with E2 driver	
	STM Stem Mount	24 24" Stem	RGBW 90+CRI, 60+R9 Ambient Dim™	TW1840 1800-4000K 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	A01 Black Anodize			
	Recessed Jbox supplied by others	Note: All stems supplied by Specialty Lighting	A14 ●● 14W 831Lm 95+CRI, 90+R9 **Based on 20° Optic ** Requires Remote Driver	TW2765 2700-6500K Tunable White w/ E1, E2, E3, E4		TR2 TruPhase™ 0.1%, (120-120V) log Up to 20W Forward and Reverse compatible Phase Dimming Static White & Ambient Dim only	A32 Clear Anodize			
				RG1280 1200-8000K RGBW Dynamic Color Changing *Requires E2 or E4			AXX Specialty Anodize Color*			
				Ambient Dim™				A1-A36		
					2722 2700-2200K			C Custom/RAL*		
				3019 3000-1900K		Lutron				
				3022 3000-2200K		LD Digital Ecosystem* 1.0%, UNV (120-277V) ECO Hi-Lume SoftOn/Fade-to-Black LDE1 Note: EdoLED and Lutron drivers require the selection of LJB mounting.	*See Finish Guide			
										

Ceiling Cutouts and Dimensions

Adjustable Downlight

Surface Mount

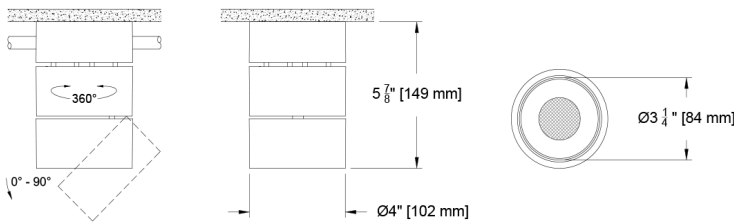
(CR4C-RA-SM-)



Adjustable Downlight

J-Box Mount

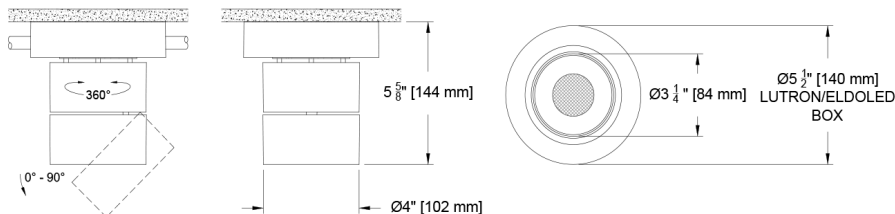
(CR4C-RA-JB-)



Adjustable Downlight

Large J-Box (for Lutron or EldoLED Driver)

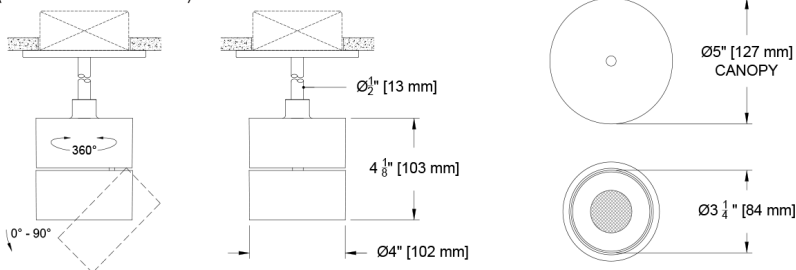
(CR4C-RA-LJB-)



Adjustable Downlight

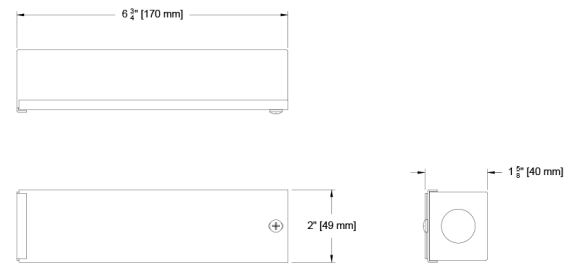
Stem / Pendant Mount

(CR4C-RA-STM-)



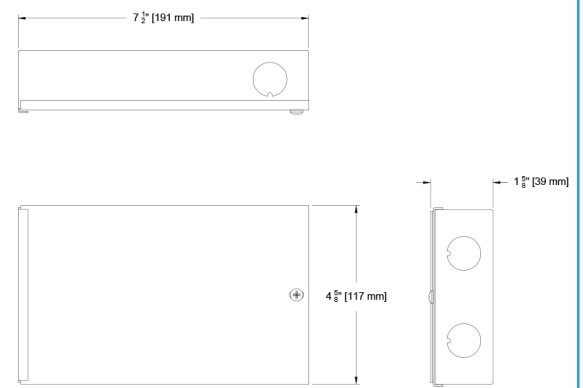
Remote Driver Box

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



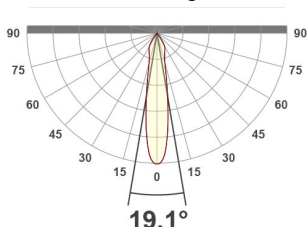
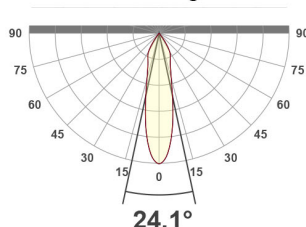
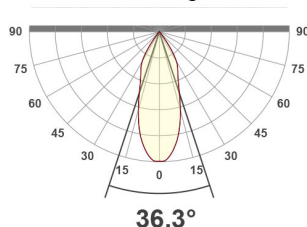
Remote Driver Box

E4, LD



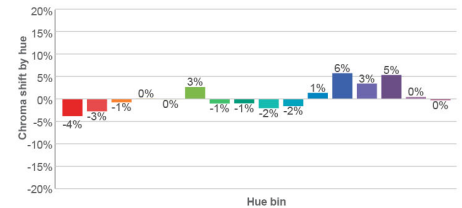
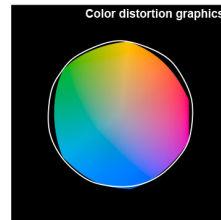
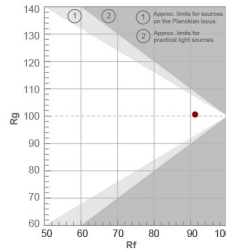
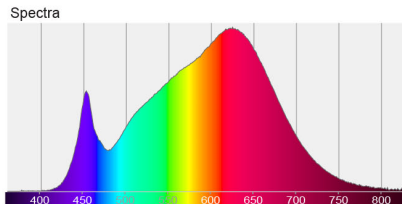
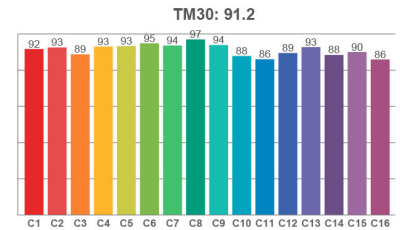
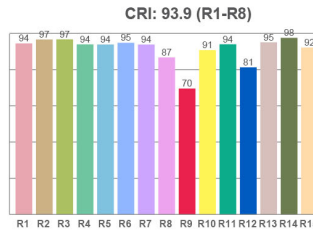
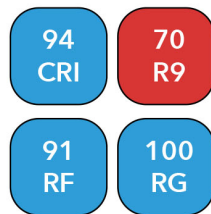
Photometric Table

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.													

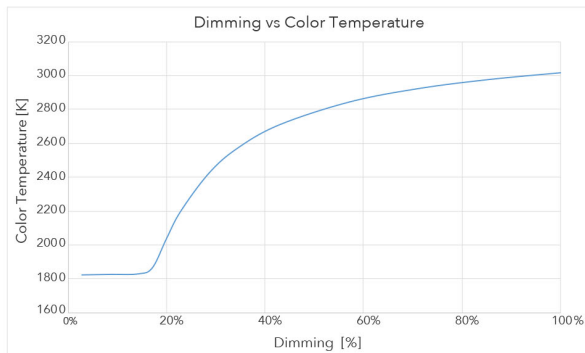
Citizen Source C14

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

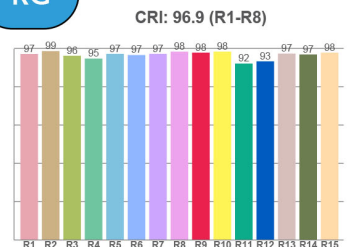
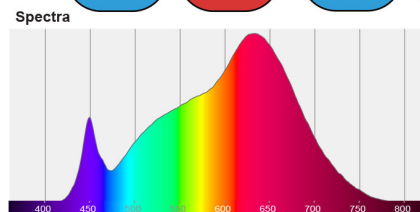


Ambient Dim Source A14 (AD - 3000k to 1900k)

- <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

