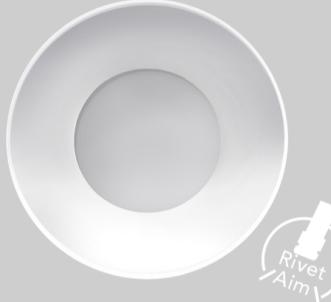


The Core Family meets the Rivet Family

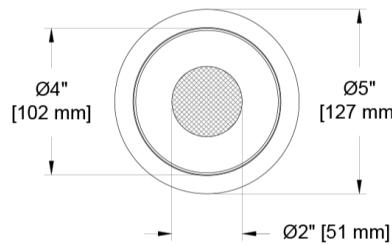
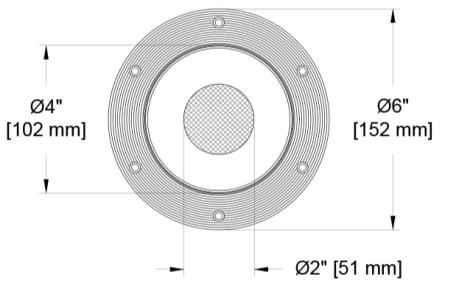
Linking the timeless style and elegance of the Core fixture trims with the precision adjusting of the Rivet light engine, we form the Cor-Vet. The core trims offer 3 aperture options in 14 standard finishes, custom color match, RAL or our renowned custom wood trims. The Rivet light engine brings a precision engineered dual axis cam for 36° tilt hot aiming and a unique magnetic head mounting for easy 360° rotation. With a toolless drop down of the optic assembly for quick media placement, you can easily shape the finely tuned static white and Ambient Dim (warm dim) sources with up to 2 pieces of media. You have found the Round Cor-Vet 4" Adjustable Downlight and hope you enjoy the details.

4" Round Z (Flangeless)

4" Round F (Flanged)



Deep Regress shown



Aperture Options

Deep Regress (DR)
2" Optical ApertureFlat (pinhole) (FL)
2" Optical ApertureOpen Regress (OR)
3" Optical ApertureWood Finish Available
with All apertures options

PROJECT:

TYPE:

SPECIFIER:

DATE:

Key Points (CRV4D-RA)

Trim

- One-piece die cast aluminum or machined wood trim
- Flangeless includes plaster flange with lip
- 14 color options + custom RAL or wood available
- Flanged or Flangeless

Source / Optics

- Unique magnetic mounting of luminaire head promotes easy, full 360° rotational aiming, and allows toolless drop down of head for easy access to change optics, lens accessories and driver service.
- Precision engineered dual axis cam for vertical tilt aiming up to 36° allows luminaire to remain centered in aperture reducing beam clipping
- 3 beamspreads available - 20°, 28° and 40°
- Up to 965 delivered lumens
- <2 MacAdam Steps (<2SDCM) for fixed white
- 90 CRI, 60+ R9 Standard- 95 CRI 90+R9 Optional with Ambient Dim
- 2700, 3000, 3500, 4000K and Ambient Dim (3000k-1900k)
- Lifetime: L87B3>55,000 hours at 40°C Ambient

Housing

- 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
- Listed – Damp or wet with shower trim
- Fixture supports CA Title 24 compliance to JA8 requirements with Airtight Housing

Driver And Control

- TruPhase™, 0-10, DALI-2, Ecosystem or Wireless Control
- Flicker free to IEEE 1789-2015 available with EldoLED and TruPhase™ selections
- Prewired and integral to housing
- Universal 120-277v

Ordering Codes

PROJECT:

SPECIFIER:

DATE:

TYPE:

QUANTITY:

Ordering Code Example: CRV4D-RA-DR-Z-AP-C20-35-20-E2-P16-91A-97L-CP-LR

Fixture	Aperture	Trim	Mounting	Source / Watts	CCT	Beam	Driver / Control	Trim Finish	Lens Accessories	Accessories
CRV4D-RA										

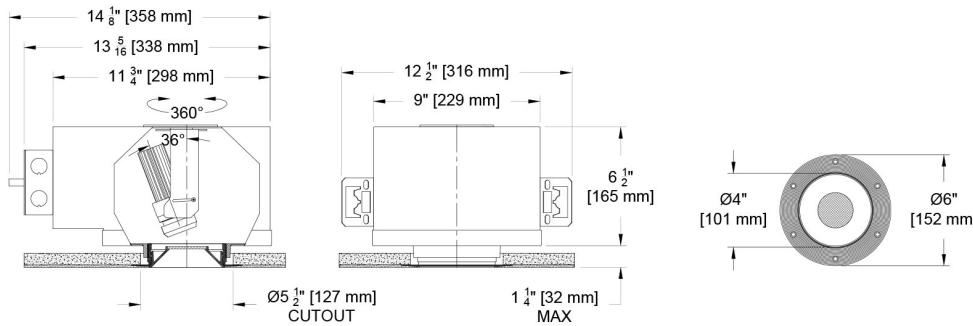
Ceiling Cutouts and Dimensions

Deep Regress Shown - others similar

Round Flangeless Housing

Plaster Mount (P/AP)

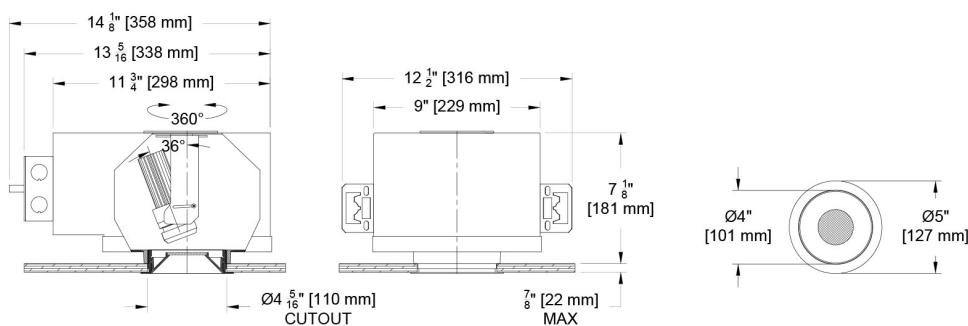
(CRV4D-RA-DR-Z-P/AP)



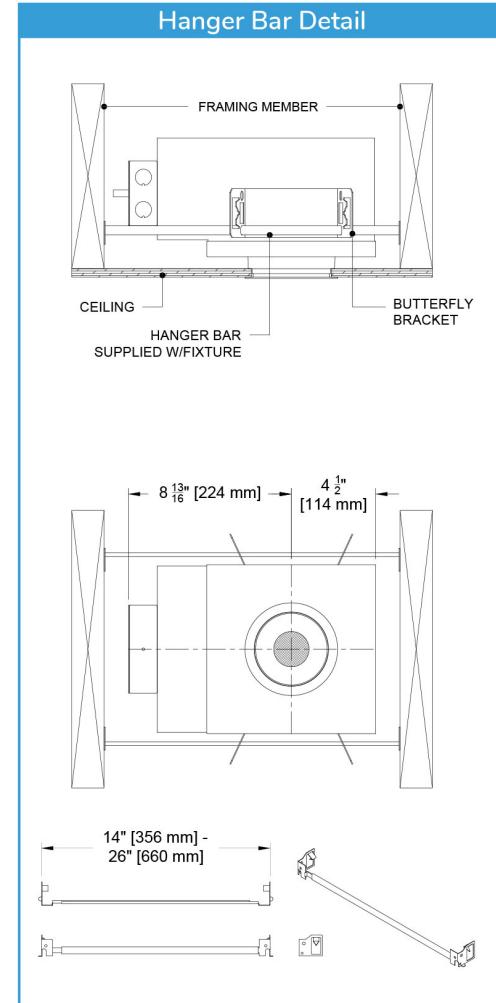
Round Flanged Housing

Flanged Mount (U/AU)

(CRV4D-RA-DR -F-U/AU)



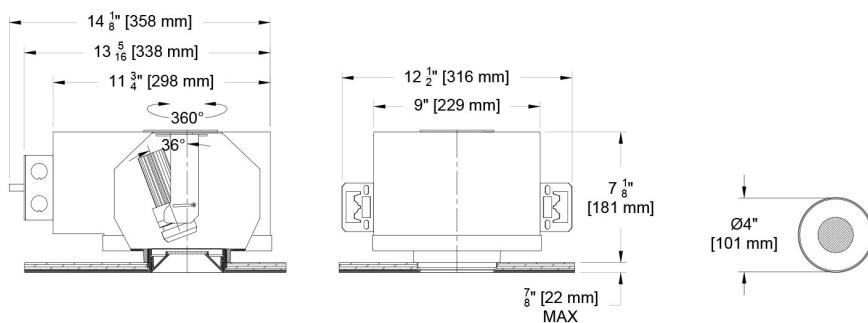
Hanger Bar Detail



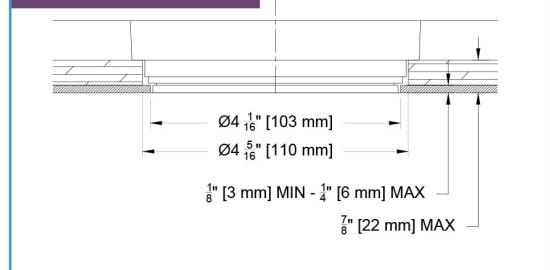
Round Flangeless Housing

Panel Mount (PM/APM)

(CRV4D-RA-DR -P-PM/APM)



Panel Mount Detail



Cor-Vet 4" Round Adjustable Downlight (102mm)

Core trims and mountings with Rivet light engine and adjusting

Adjustable Recessed Accent/Downlight



Photometric Table

All data is based from goniometer measurements of production representative Rivet product. The Rivet head is common to both fixtures and will have similar photometrics. The Core Deep Recess and Flat apertures will experience additional beam clipping. Contact factory if photometry of a particular combination is required. All lumen values can vary +/- 10% from LED manufacturer rated flux range. Measurements at 3000 CCT and Ambient Dim at full output.

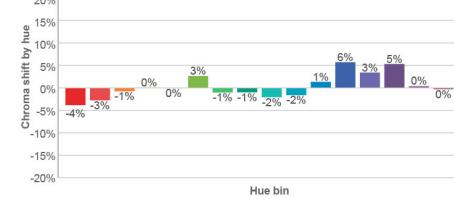
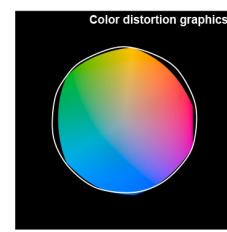
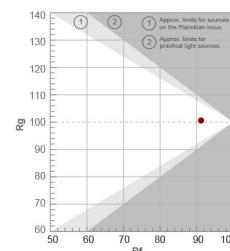
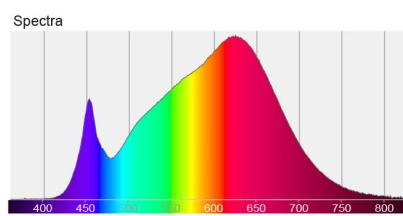
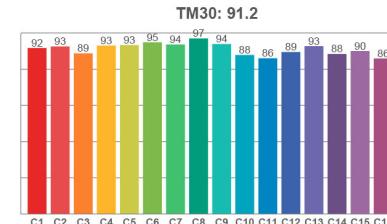
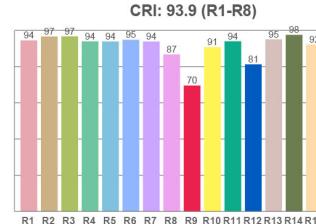
ROUND Beamspreads		20°				28°				40°			
Source	System watts (W)	Delivered Lumens (lm)	Lumens/ Watt	Peak CD	10% Field	Delivered Lumens (lm)	Lumens/ Watt	Peak CD	10% Field	Delivered Lumens (lm)	Lumens/ Watt	Peak CD	10% Field
Citizen C7	9	696	82	3520	48°	632	74	2101	52°	644	76	1143	54°
Citizen C11	13	965	77	4962	48°	875	69	2918	52°	888	70	2046	54°
Ambient Dim A9	10	547	54	2145	50°	484	48	1358	54°	514	51	1166	54°
Ambient Dim A11	12	629	52	2470	50°	565	47	1603	54°	592	49	1341	53°
CCT Multiplier		Beam angle				Beam angle				Beam angle			
CCT	Citizen												
2700	0.95	20.2°				26.4°				40.1°			
3000	1.00												
3500	1.02												
4000	1.03												

ISO cd Plots based upon C11 Source. Refer to photometry tab on product page for exact ISO cd plot and IES files.

Color Data

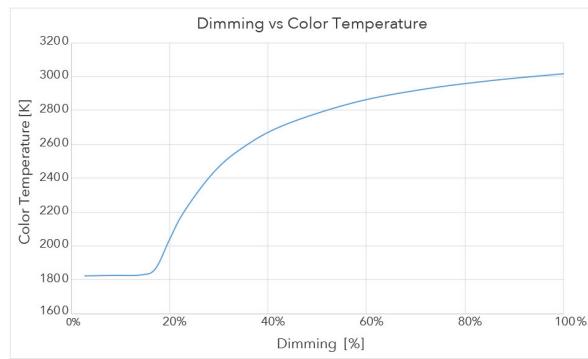
Citizen Sources - C7 and C11

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

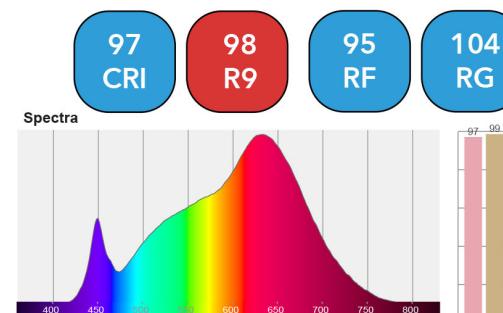


Ambient Dim Source A9, A11 (AD - 3000k to 1900k)

- <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

