

## Cor-Vet 4" Square Adjustable Downlight (102mm)

Core trims and mountings with Rivet light engine and adjusting

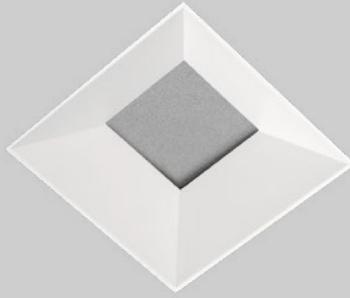
Adjustable Recessed Accent Light



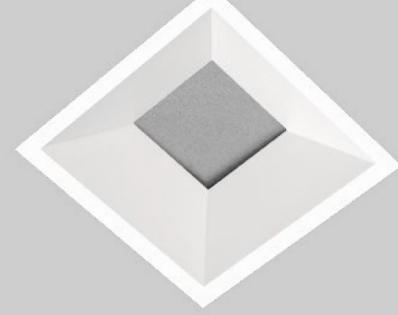
# The Core Family meets the Rivet Family

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 Square Cor-Vet 4" Adjustable Downlight and hope you enjoy the details.

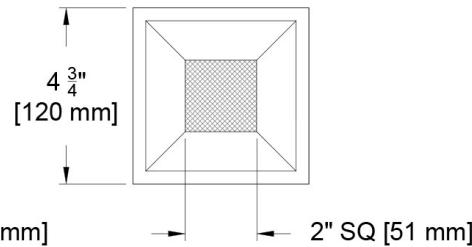
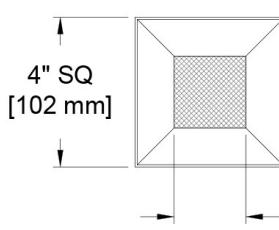
### 4" Square Z (Flangeless)



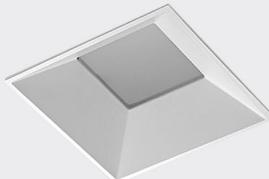
### 4" Square F (Flanged)



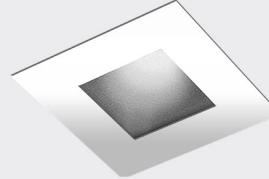
Deep Regress Shown



### Aperture Options



Deep Regress (DR)  
2" Optical Aperture  
Formerly known as 1009



FL- Flat (Pin Hole)  
2" Optical Aperture  
Formerly known as 1012



Open Regress (OR)  
3" Optical Aperture  
Formerly known as 1017



Wood Finish  
All apertures options

SQUARE 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	746	88	3554	54°	667	78	2145	61°	688	81	1455	64°		
Citizen C11	13	1073	85	4823	55°	928	74	2895	62°	959	76	2030	64°		
Ambient Dim A9	10	598	59	2124	60°	529	52	1382	64°	565	56	1159	64°		
Ambient Dim A11	12	685	57	2470	50°	565	47	1603	54°	592	49	1341	53°		

Ambient dim measured at full output. ISO cd Plots based upon C11 Source. Refer to photometry tab on product page for exact ISO cd plot and IES files. Data is based upon a single head aimed at 0°.

# Ordering Codes

PROJECT:

SPECIFIER:

DATE:

TYPE:

QUANTITY:

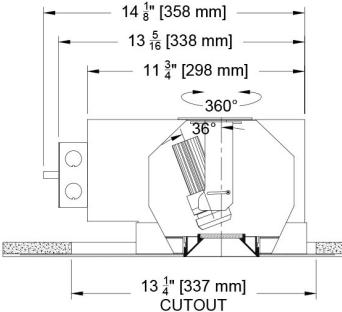
Ordering Code Example: CRV4D-SA-DR-Z-AP-C20-35-20-E2-P16-91A-97L-CP-LR

Fixture	Aperture	Trim	Mounting	Source / Watts	CCT	Beam	Driver / Control	Trim Finish	Lens Accessories	Accessories
CRV4D-SA										
Cor-Vet 4" Square Adjustable Downlight with Rivet Head	DR CorVet Deep Recess	F Flanged Trim	Flanged Housings	Citizen	27 2700K	20 Spot	C1 0-10 1.0%, UNV (120-277V) linear	W White Paint	Aperture Lens	CP Chicago Plenum
	OR CorVet Open Recess	Z Flangeless Trim	U Universal - Non IC Housing	C7 9W 746Lm* 90+CRI, 60+R9	30 3000K	28 Narrow Flood	C2 ELV/Triac 1.0%, (120V) linear	B Black Paint	91A Solite	EMP Emergency Pack with phase cut control system utilizing C1 driver
	FL CorVet Flat	FS Flanged Shower Trim*	AU Universal IC/Airtight*	C11 13W 1073Lm* 90+CRI, 60+R9	35 3500K	45 Flood	LD Digital Ecosystem 1.0%, UNV (120-277V) ECO Hi-Lume SoftOn/Fade-to-Black LDE1	D Wood*	93A Frosted	XXA Other Aperture Lens Treatments*
	ZS Flangeless Shower Trim*	ZS Flangeless Shower Trim*	Flangeless Housings	Ambient Dim™	40 4000K		TR2 TruPhase™ 0.1%, (120-120V) log Up to 20W Forward and Reverse compatible Phase Dimming Static White & Ambient Dim only	PXX Specialty Paint Color*	Reflector (lamp) Media	EM Emergency Pack Controls
	* Aperture Lens Required		P Plaster	A9 10W 598Lm* 95+CRI, 90+R9 3000 to 1900K	AD 3000-1900K		EldoLED	P01-P15	91L Solite	LR Lutron Wireless RF PowPak
			AP Plaster IC/Airtight*	A11 12W 685Lm* 95+CRI, 90+R9 3000 to 1900K			E1 0-10 0.1%, UNV (120-277V) log	C Custom/RAL Color**	93L Frosted	ATH Lutron Athena Wireless Node Must be used with E2 driver
			PM Panel Mount	APM Panel Mount Airtight/IC*			E2 DALI-2 0.1%, UNV (120-277V) log	*Wood "D" Selection to be used with Z trim and PM mounting **See Specialty Finish Guide		XXL Other reflector (lamp) media*
				APM Supports CA Title 24 compliance to JA8 requirements	* Based on Rivet 20° beam  All values based on Rivet photometry. Deep Recess and Flat apertures will experience beam clipping. Contact factory if exact photometry is required.		E3 0-10 0.1%, UNV (120-277V) linear	Note: 1 piece of Media for aperture opening and 2 pieces of media for the lamp (reflector) opening can be selected *See Lens Accessory Guide		CA Casambi Wireless BLE to be paired with driver
								 		

## Ceiling Cutouts and Dimensions

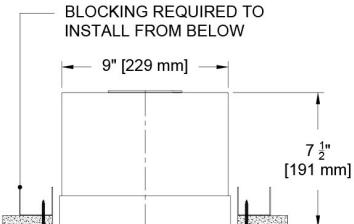
Deep Regress Shown - other apertures similar

### Square Flangeless Housing



### Plaster Mount (P/AP)

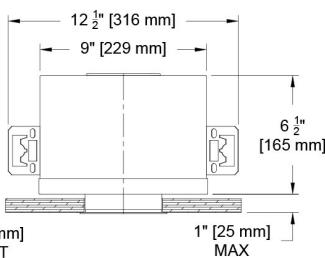
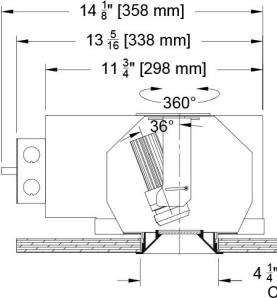
(CRV4D-SA-DR-Z-P/AP)



### Square Flanged Housing

### Flanged Mount (U/AU)

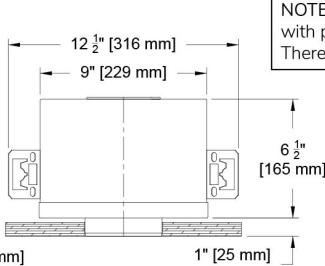
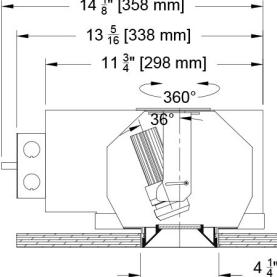
(CRV4D-SA-DR-F-U/AU)



### Square Flangeless Housing

### Flangeless Mount (U/AU)

(CRV4D-SA-DR-Z-U/AU)

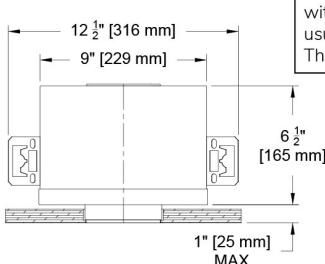
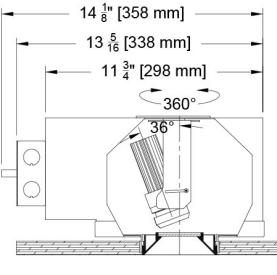


NOTE: This option is intended for use with precise and finished cutouts. There is no plaster or finish flange.

### Square Flangeless Housing

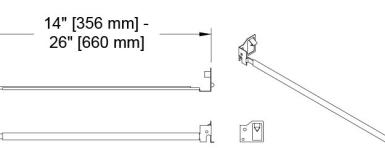
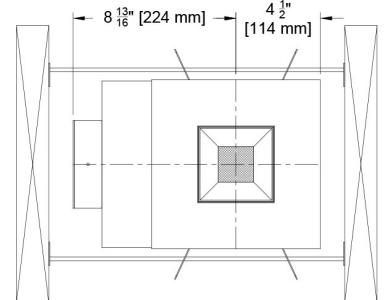
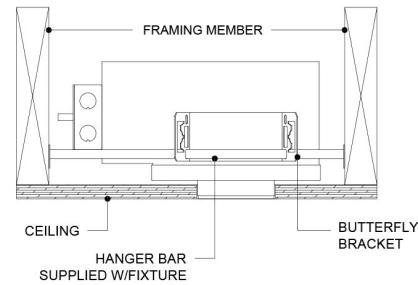
### Panel Mount (PM/APM)

(CRV4D-SA-DR-Z-PM/APM)

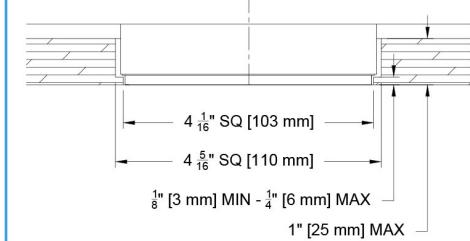


NOTE: This option is intended for use with precise and finished cutouts - usually millwork or wood ceilings. There is no plaster or finish flange.

### Hanger Bar Detail



### Panel Mount Detail

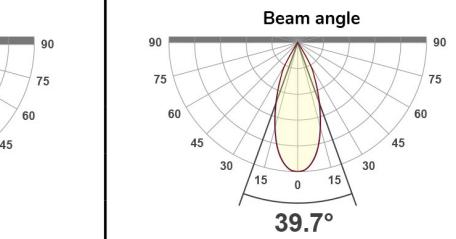
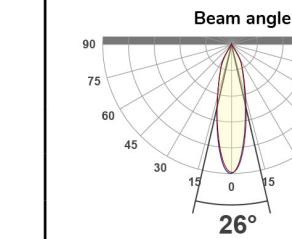
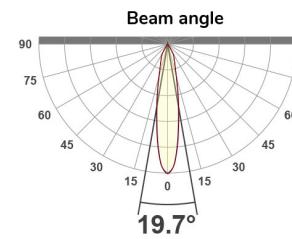


## Photometric Table

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 for 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.

SQUARE 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	746	88	3554	54°	667	78	2145	61°	688	81	1455	64°
Citizen C11	13	1073	85	4823	55°	928	74	2895	62°	959	76	2030	64°
Ambient Dim A9	10	598	59	2124	60°	529	52	1382	64°	565	56	1159	64°
Ambient Dim A11	12	685	57	2470	50°	565	47	1603	54°	592	49	1341	53°
CCT Multiplier													
CCT	Citizen												
2700	0.95												
3000	1.00												
3500	1.02												
4000	1.03												

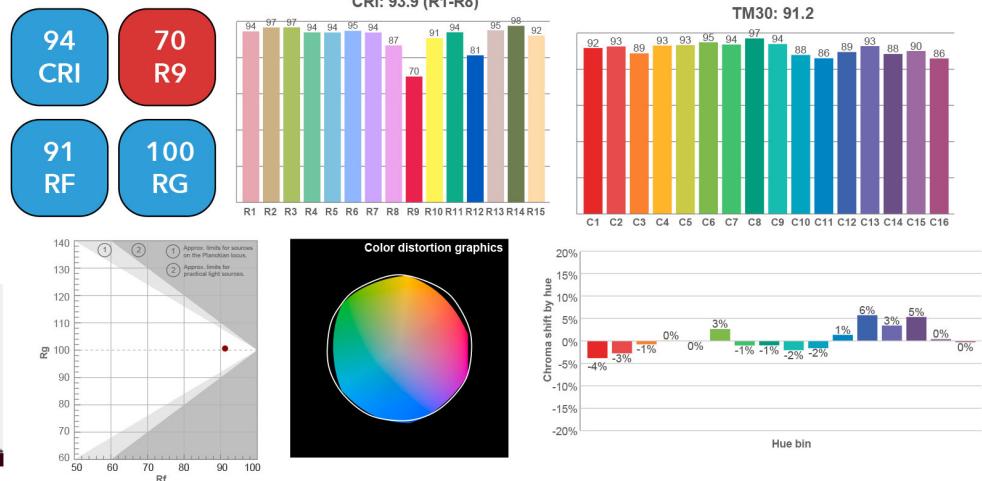
ISO cd Plots based upon C11 Source. Refer to photometry tab on product page for exact ISO cd plot and IES files.



## 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

