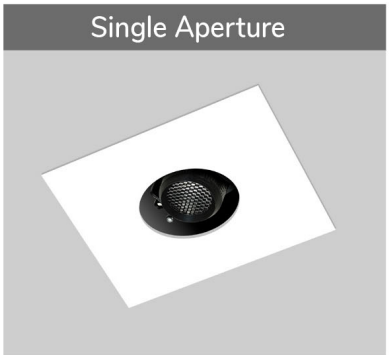
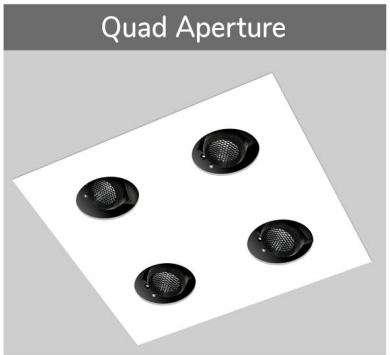
The Plains Family

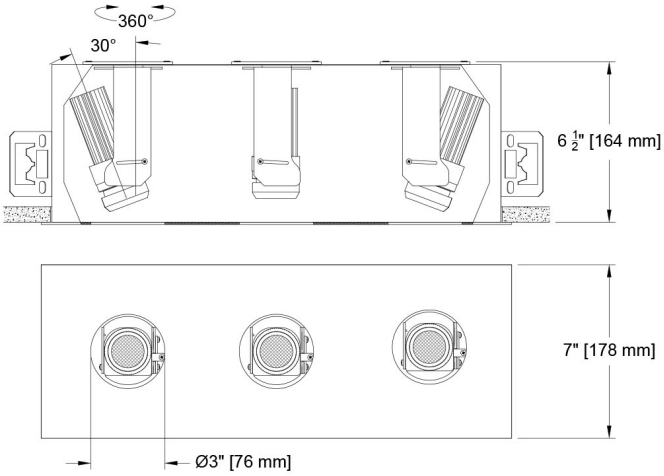
As the name implies, The Plains is built for open spaces. With 5 different aperture opening configurations you have flexibility to design a single to four light fixture including a Quad (2x2) arrangement. The snap on trim plate allows for simple installation and easy removal for aiming, field changeable optics and LED source or driver service. While the trim plate is simple and plain, what's under the hood is quite special. The Rivet aim dual cam adjusting mechanism allows the head to stay centered through +/- 30° tilt range while the magnetically attached head allows for 360° rotation. Offering static white and ambient dim, 2 wattage choices and multiple driver selections, The Plains has plenty of options.

PROJECT: TYPE:

SPECIFIER: DATE:







Key Points (PL3MD-RA)

Trim

- Single continuous trim plate in one to four 3" aperture opening configurations.
- 14 paint standard powder paint finishes as well as RAL or custom.

Source / Optics

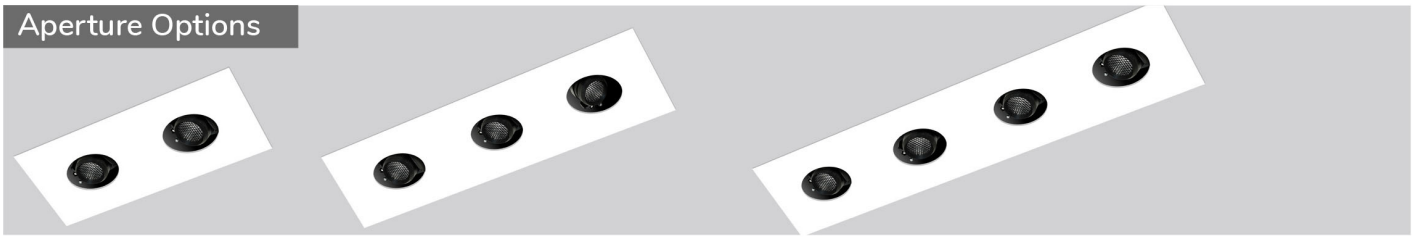
- Precision engineered dual axis cam for vertical tilt aiming up to 36º allows luminaire to remain centered in aperture reducing beam clipping
- Unique magnetic mounting of luminaire head promotes easy, full 360º rotational aiming, and allows toolless drop down of head for easy access to change optics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

Housing

- Black housing as standard
- Heavy gauge aluminum for new construction
- IC Rated / Airtight Housing approved for use in direct contact with insulation – Chicago Plenum Available
- c us Listed – Damp
- TITLE 24 Suports California Title 24 part 6 compliance to JA8 requirements

Driver

- Up to 4 circuits available
- Phase, 0-10, DALI, or Ecosystem
- Flicker free to IEEE 1789-2015 available
- Prewired and integral to housing unless otherwise noted
- Universal 120-277v unless otherwise noted



Double Triple Four

ROUND Beamspreads		20°				26°				32°			
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	8	445	56	1707	56°	461	58	1489	59°	455	58	1143	65°
Citizen C11	12	665	57	2552	56°	678	58	2179	60°	659	56	1650	65°
Ambient Dim A9	10	414	41	1743	53°	417	41	1458	60°	419	41	1101	63°
Ambient Dim A11	12	470	40	1956	54°	475	40	1603	57°	466	39	1231	63°

See page XX for full photometry table.

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Ordering Codes

PROJECT:

SPECIFIER:

DATE:

TYPE:

QUANTITY:

Ordering Code Example: PL3MD-RA-2-F-AU-A9-AD-28-E1-1C-B-91L-97L-CP

Dimming performance may vary based on selected dimmer. If dimming performance is critical, we suggest testing the specified fixture(s) with the selected dimming system.

FIXTURE	APERTURE	TRIM	MOUNTING	LUMENS / WATTS	CCT	BEAM	DRIVER / CONTROL	CIRCUITS	TRIM FINISH	LENS ACCESSORIES	ACCESSORIES
PL3MD-RA											
The Plains 3" Round Multiple Adjustable Downlight	1 Single 2 Double 3 Triple 4 Four 4Q Quad Notes: Single - only with C1/C2 drivers	F Flanged Trim Note: Flangeless option not available. If needed contact factory for modification	AU Airtight Universal *IC-Rated* Supports California Title 24 part 6 to JA8 Requirements	**Citizen** C7 9W 696Lm* 90+CRI, 60+R9 C11 13W 965Lm* 90+CRI, 60+R9 **Ambient Dim™** A9 10W 547Lm* 95+CRI, 90+R9 3000 to 1900k A11 12W 629Lm* 95+CRI, 90+R9 3000 to 1900k Note: Wattage and lumen outputs listed above are per head Supports California Title 24 part 6 to JA8 Requirements * Based on 20° beam	**Citizen** 27 2700K 30 3000K 35 3500K 40 4000K **Ambient Dim™** AD 3000-1900K	20 Spot 28 Narrow Flood 40 Flood	C1 0-10 1.0%, UNV (120-277V) linear C2 ELV/Triac 1.0%, (120-277V) 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 **Lutron** LD Digital Ecosystem+ 1.0%, UNV (120-277V) ECO Hi-Lume SoftOn/Fade-to-Black LDE1 LP Digital Ecosystem 0.1%, UNV (120-277V) ECO Premier Hi-Lume SoftOn/Fade-to-Black, PEQ0, 20W max +Not compatible on Quad	1C 1 Circuit 2C 2 Circuit 3C 3 Circuit 4C 4 Circuit	W White Paint B Black Paint C Custom/RAL Color* PXX Specialty Paint Color* P01-P15 * Refer to Finish Guide FINISH GUIDE LINK	**Reflector (lamp) Media** 91L Solite 93L Frosted 97L Black Hexcel Louver XXL Other reflector (lamp) media* Up to 2 lamp accessories can be selected. 91L and 97L are standard with each fixture. *See Lens Accessory Guide LENS ACCESSORY VISUAL GUIDE LINK	EM Emergency Pack CP Chicago Plenum BABA BABA Compliant 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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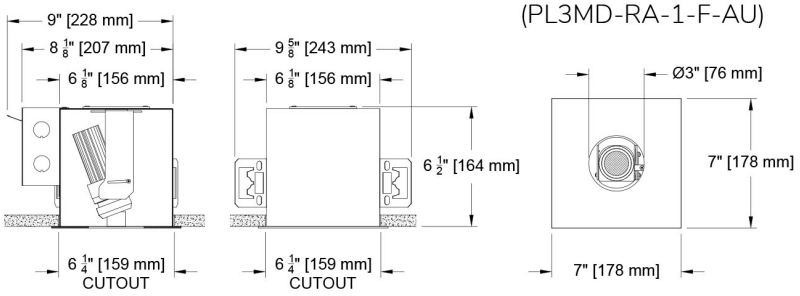
Ceiling Cutouts and Dimensions

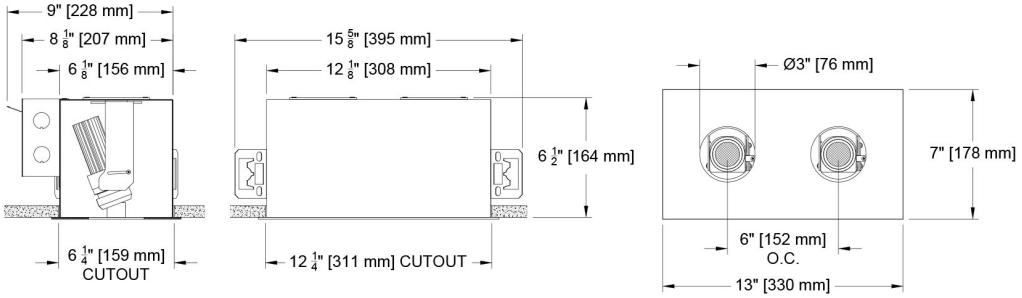
3” - 1x1 Configuration | Flanged Trim (F)

(PL3MD-RA-1-F-AU)



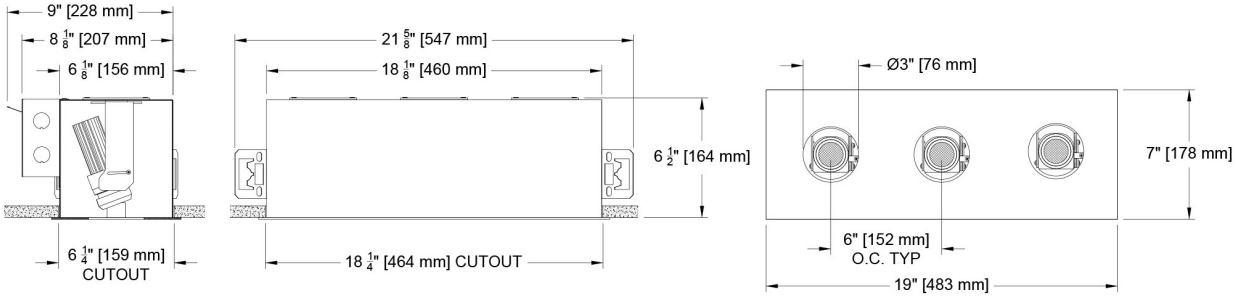
3” - 1x2 Configuration | Flanged Trim (F)

(PL3MD-RA-2-F-AU)



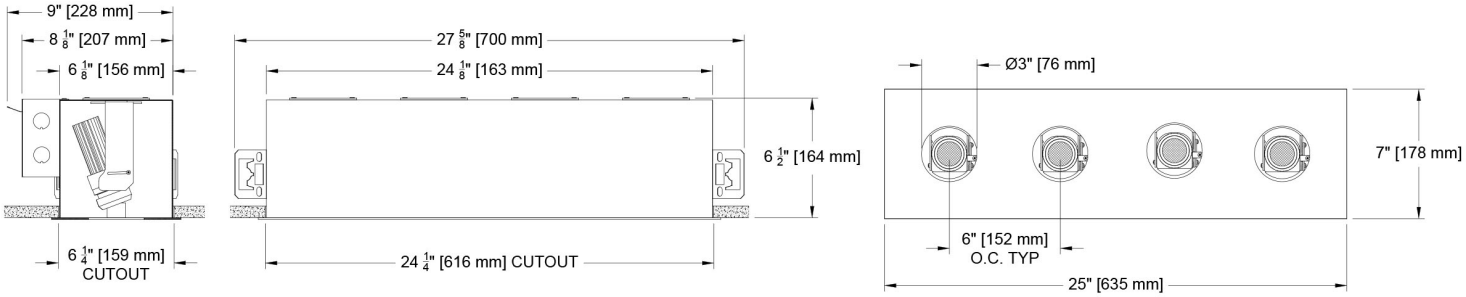
3” - 1x3 Configuration | Flanged Trim (F)

(PL3MD-RA-3-F-AU)



3” - 1x4 Configuration | Flanged Trim (F)

(PL3MD-RA-4-F-AU)



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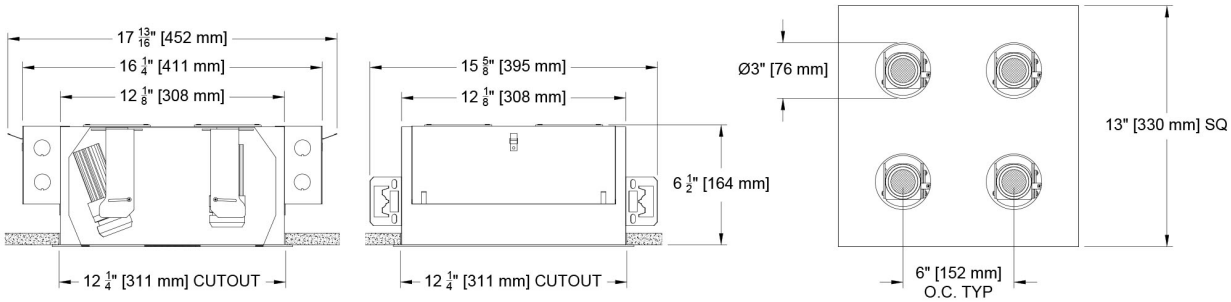
Ceiling Cutouts and Dimensions

3” - 2x2 Configuration | Flanged Trim (F)

(PL3MD-RA-2x2-F-AU)



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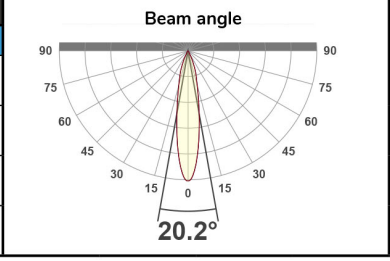
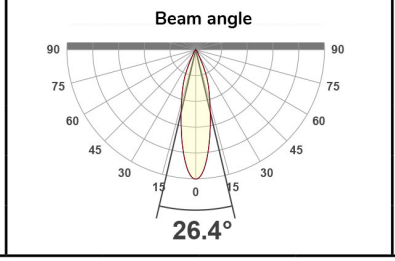
Photometric Table

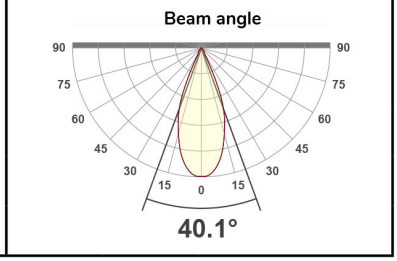
Values are delivered and based on a single aperture RV3D-RA. Multiple heads will deliver more light and will need to be accounted for individually in calculations. Calculations will require placing the second/additional heads (file) 6" on center from the first placed IES file. All Measurements are delivered delivered lumens based on 3000k. Ambient dim at full output. All values can very +/-10% from source manufacturer rated flux range. All data is based from goniometer measurements of production representative product. All lumen values can vary +/- 10% from LED manufacturer rated nominal flux. Measurements at 3000 CCT

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	
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.

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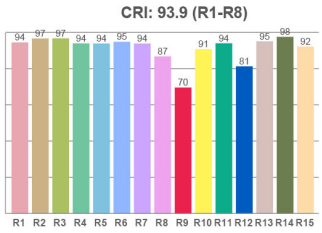
Color Data

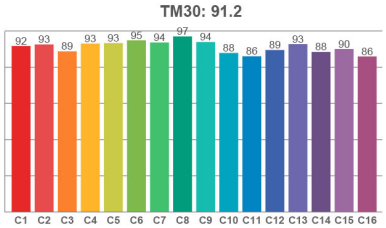
All data is based from goniometer measurements of production representative product. All lumen values can vary +/- 10% from LED manufacturer rated nominal flux. Measurements at 3000 CCT

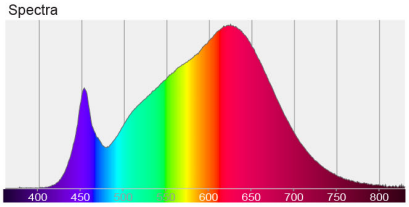
Citizen Source C7, C11

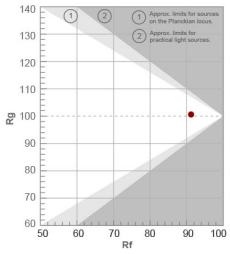
- <2 MacAdam Ellipse (<2 SDCM)
- 90+ CRI and RF
- 60+R9, Hue Bin 1

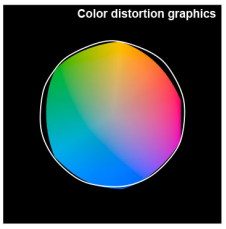
94 CRI | 70 R9 | 91 RF | 100 RG

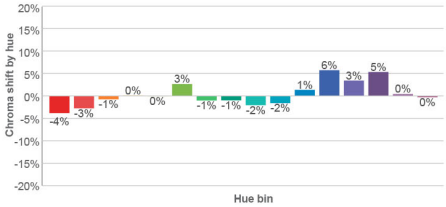






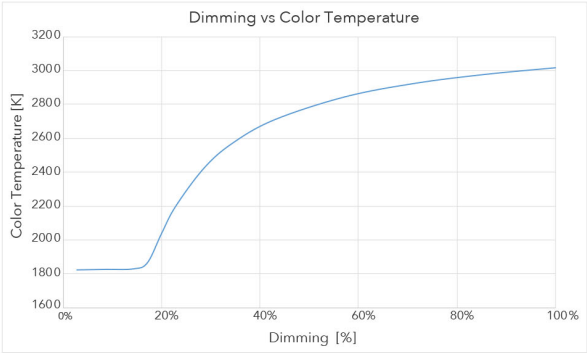






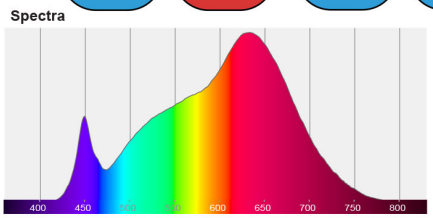
Ambient Dim Source A9, A11 (AD - 3000k to 1900k)

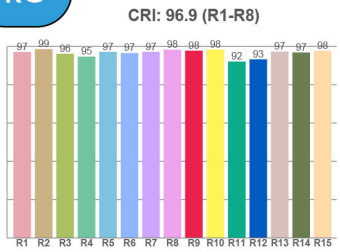
- <3 MacAdam Ellipse (<3 SDCM)
- 95+ CRI and RF
- 90+R9, Hue Bin 1
- Follows Black Body Locus through dimming range



3000 CCT Full Output

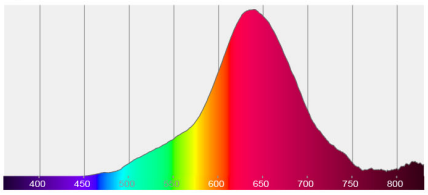
97 CRI | 98 R9 | 95 RF | 104 RG

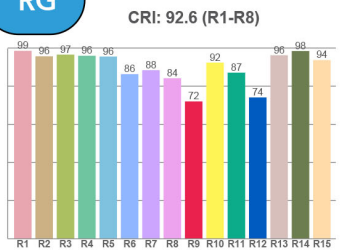




1850 CCT 5% Output

93 CRI | 72 R9 | 83 RF | 110 RG





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