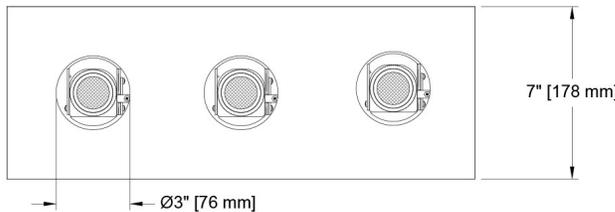
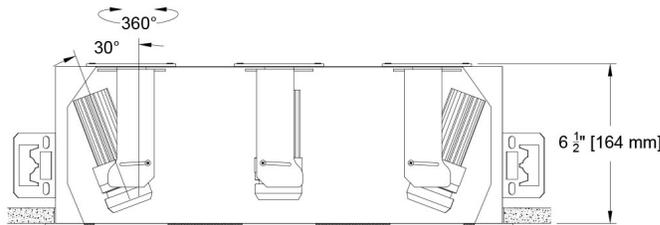
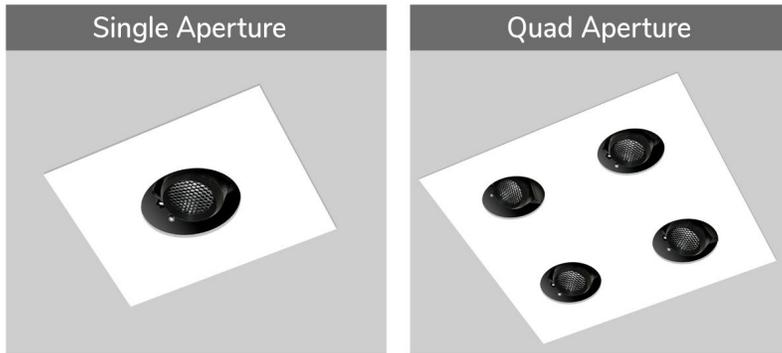


The Plains Family

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

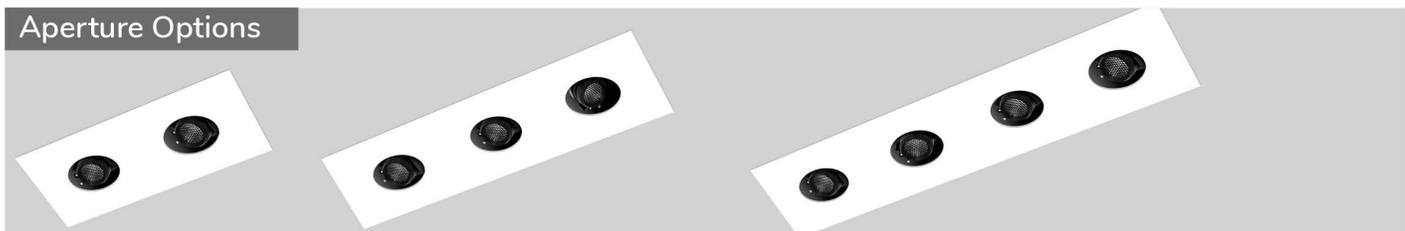
- Precision engineered dual axis cam for vertical tilt aiming up to 36° allows luminaire to remain centered in aperture reducing beam clipping
- Unique magnetic mounting of luminaire head promotes easy, full 360° rotational aiming, and allows toolless drop down of head for easy access to change optics and lens accessories, as well as driver servicing
- 3 beamspreads available - 20°, 28° and 40°
- 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 40°C 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
- US Listed – Damp
- Supports 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



| 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.

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.

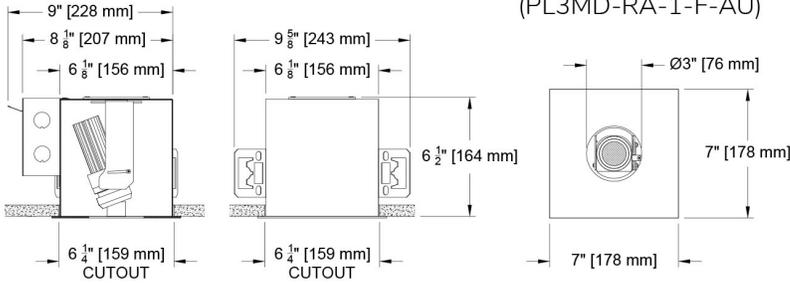
| FIXTURE | APERTURE | TRIM | MOUNTING | SOURCE / WATTS | CCT | BEAM | DRIVER / CONTROL | CIRCUITS | TRIM FINISH | LENS ACCESSORIES | ACCESSORIES |
|---|----------------------------------|--|---|--|---|--------------------|---|-----------------|---|--|---|
| PL3MD-RA | | | | | | | | | | | |
| The Plains 3" Round Multiple Adjustable Downlight | 1 Single | F Flanged Trim Note: Flangeless option not available. If needed contact factory for modification | AU ●● Universal IC/Airtight ●● Supports California Title 24 part 6 to JA8 Requirements | Citizen | Citizen | 20 Spot | C1 0-10 1.0%, UNV (120-277V) linear | 1C 1 Circuit | W White Paint B Black Paint C Custom/RAL Color* PXX Specialty Paint Color* P01-P15 * Refer to Finish Guide | 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 | EM Emergency Pack CP Chicago Plenum Controls LR Lutron Wireless RF PowPak ATH Lutron Athena Wireless Node <i>Must be used with E2 driver</i> CA Casambi Wireless BLE to be paired with driver |
| | 2 Double | | | C7 ●● 9W 696Lm* 90+CRI, 60+R9 | 27 2700K | 28 Narrow Flood | C2 ELV/Triac 1.0%, (120-277V) linear | 2C 2 Circuit | | | |
| 3 Triple | 3 Triple | | | C11 ●● 13W 965Lm* 90+CRI, 60+R9 | 30 3000K | 40 Flood | E1 0-10 0.1%, UNV (120-277V) log | 3C 3 Circuit | | | |
| 4 Four | 4 Four | | | Ambient Dim™ | 35 3500K | | E2 DALI-2 0.1%, UNV (120-277V) log | 4C 4 Circuit | | | |
| 4Q Quad | 4Q Quad | | | A9 10W 547Lm* 95+CRI, 90+R9 3000 to 1900k | 40 4000K | | E3 0-10 0.1%, UNV (120-277V) linear | | | | |
| Notes: | Single - only with C1/C2 drivers | | | A11 12W 629Lm* 95+CRI, 90+R9 3000 to 1900k | Ambient Dim™ AD 3000-1900K | | 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 | | | | |
| | | | | Note: Wattage and lumen outputs listed above are per head ●● Supports California Title 24 part 6 to JA8 Requirements * Based on 20° beam | | | | | | | |

Ceiling Cutouts and Dimensions

3" - 1x1 Configuration

Flanged Trim (F)

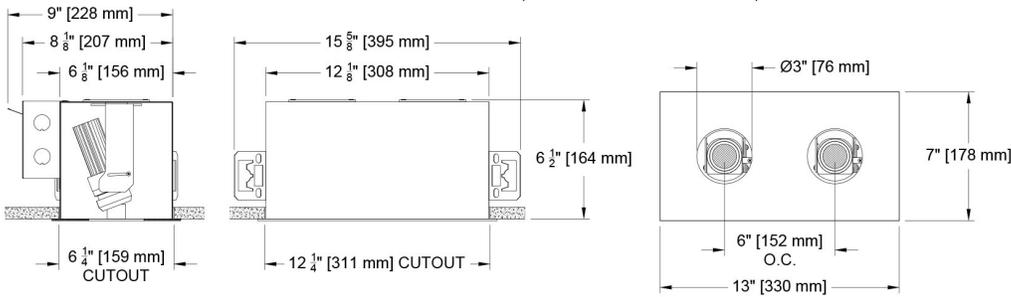
(PL3MD-RA-1-F-AU)



3" - 1x2 Configuration

Flanged Trim (F)

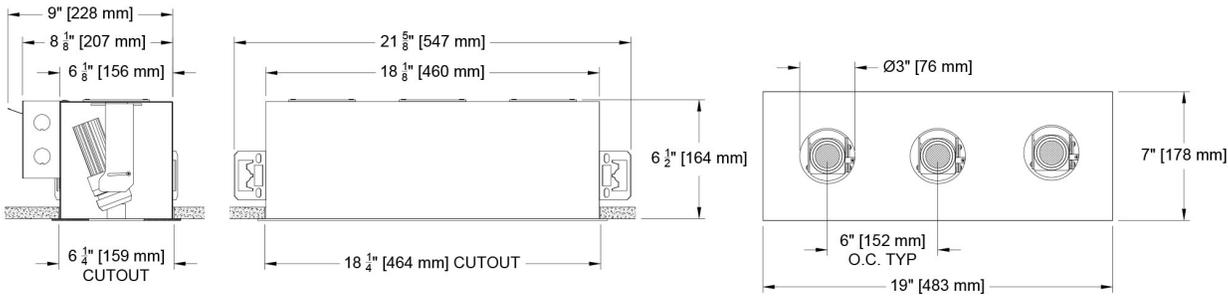
(PL3MD-RA-2-F-AU)



3" - 1x3 Configuration

Flanged Trim (F)

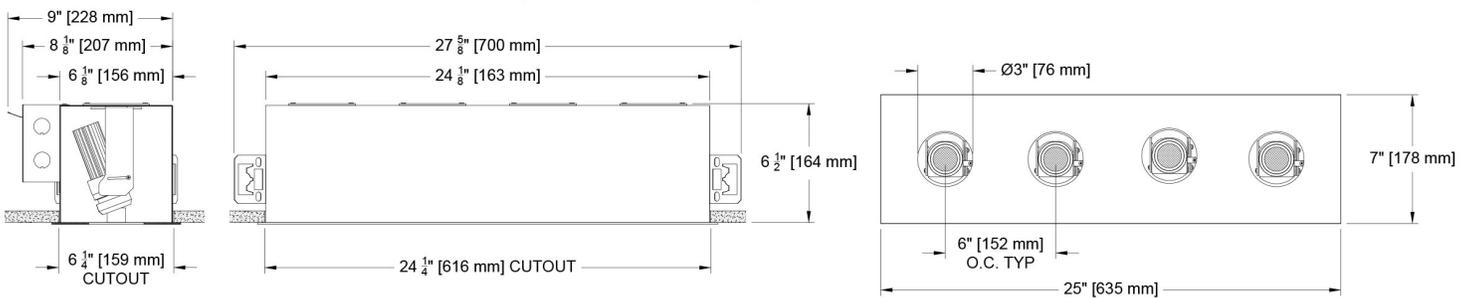
(PL3MD-RA-3-F-AU)



3" - 1x4 Configuration

Flanged Trim (F)

(PL3MD-RA-4-F-AU)

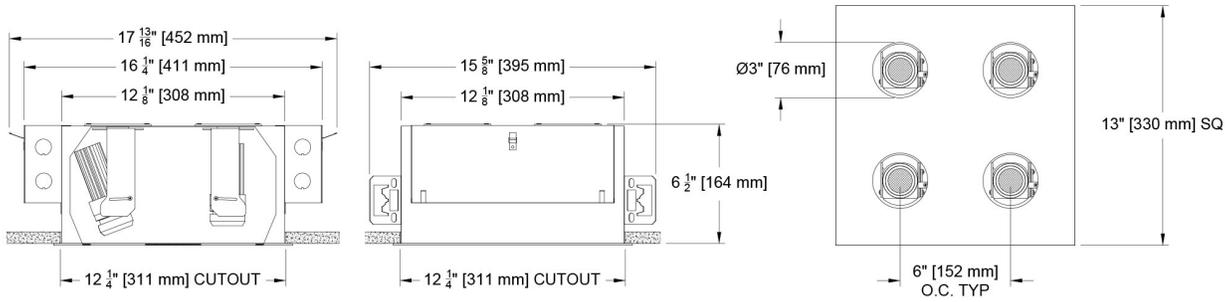


Ceiling Cutouts and Dimensions

3" - 2x2 Configuration

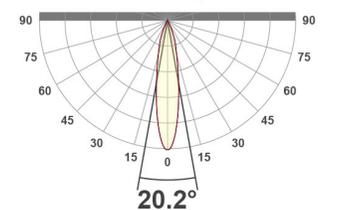
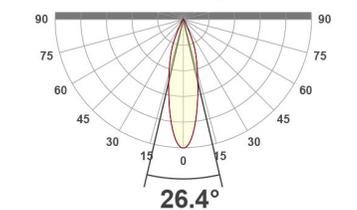
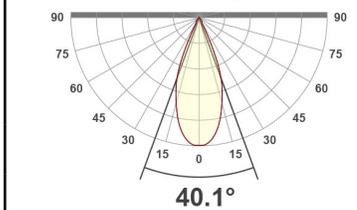
Flanged Trim (F)

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



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 vary +/-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 | | Beam angle | | | | Beam angle | | | | Beam angle | | | |
| 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

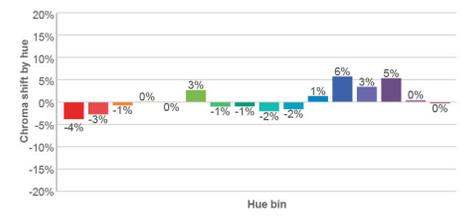
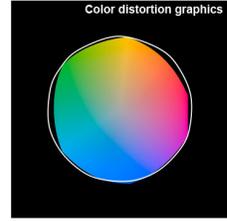
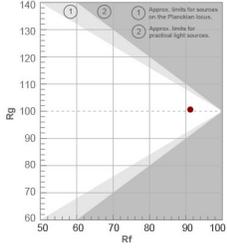
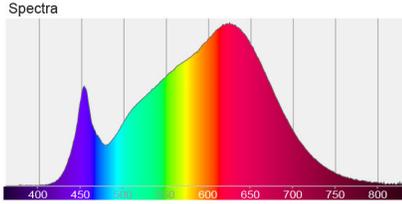
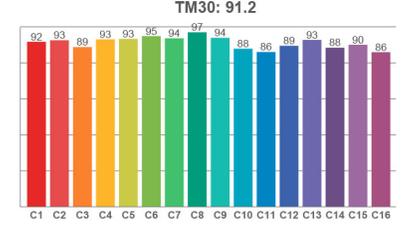
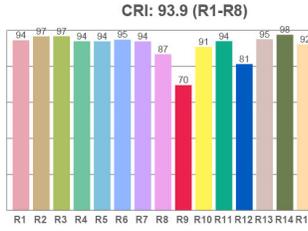
All data is based from goniometer measurements of production representative product. All lumen values can vary +/- 10% from LED manufacturer rated nominal flux. Measurements at 3000 CCT

Citizen Source C7, C11

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

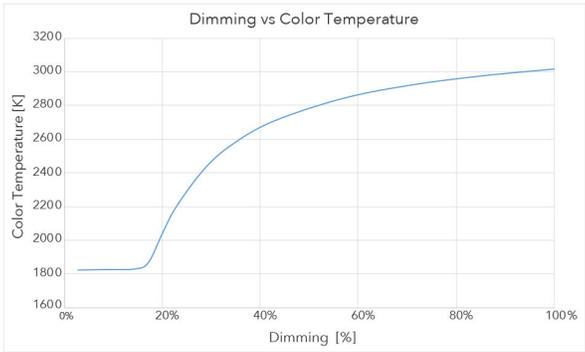
94 CRI 70 R9

91 RF 100 RG



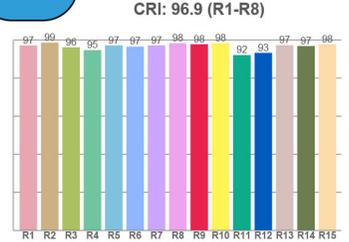
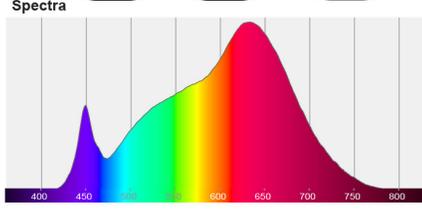
Ambient Dim Source A9, A11 (AD - 3000k to 1900k)

- <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

