Catalog #: Type:

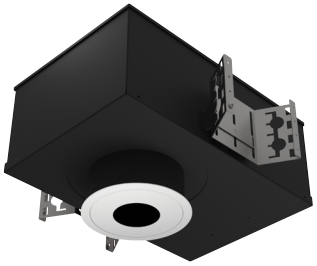
Project: Date:

Notes:

4” acrobat LED Pinhole Downlight

IC/CCEA New Construction Housing

Round or Square / Trimmed or Trimless



Wattage	CCT	Delivered Lumens	Efficacy
10W	3000K	1006lm	101lpw
15W	3000K	1531lm	102pw
20W	3000K	1822lm	91pw
25W	3000K	2163lm	87lpw

Lumens will vary depending on CCT, optic, finish & trim type

Description

- Acrobat Air Tight IC/Chicago Plenum downlight delivers over 2100lm through a 2-1/2” pinhole with four optical distributions. Delivered lumens are maintained in different ceiling thicknesses.
- Drivers are accessible from below the ceiling.

Field Replaceable LED Light Engine

- 10W, 15W, 20W or 25W LED with 2 SDCM binning
- 2700K, 3000K, 3500K or 4000K at 90 CRI
- Field replaceable optics available in spot, narrow flood, flood or wide flood
- 50,000 hours at 70% lumen maintenance (L70)

Field Replaceable Dimming Driver

- Power factor > 0.9, 50/60Hz
- Multiple dimming drivers available
- Complies with IEEEC62.41 surge protection

Housing

18 gauge galvanized steel housing and junction box with 1/2” trade size knockouts. Includes universal butterfly brackets to accommodate C-Channel, adjustable bar hangers, and EMT. C-Channel is recommended for T-bar ceilings and must be ordered separately. Adjustable wood joist bar hangers are included. Max. ambient temperature: 104ºF (40ºC)

Ceiling Thickness

- Accommodates ceiling thickness from 1/2” to 2”
- Delivered lumens are maintained through entire range

Trim Style

- Die-cast aluminum pinhole trim with powder coat finishes, consult factory for custom finishes
- Trimless mud plate and wood ceiling option available

Accessories

Accommodates (2) accessories, a media holder is required. Accessories are not compatible when used with lensed trim.

Emergency

Remote inverter operates for 90 minutes with remote test switch available, requires above ceiling access.

Listing/Warranty

- Patent pending
- Five (5) year limited warranty
- UL listed to US and Canadian standards for damp locations
- UL listed to US and Canadian standards for wet locations when used with lens.
- Meets ASTM E283 standards
- Meets CEC Title 24 JA8 High Efficacy LED requirements
- CCEA approved - Chicago rated

c UL us LISTED WET LOCATION JA8 TITLE 24 COMPLIANT

Housing Order Matrix (Example: A4-IC25S-R00-LCB-24)

Type	Wattage	Driver	Aperture	Trim Style	Rev	Hanger Bar
A4-IC (IC/CP)	☐ **10** (10W) ☐ **15** (15W) ☐ **20** (20W) ☐ **25** (25W)	☐ **S**[1] (ERP, Universal Dim, Triac/ELV/0-10V 1% 120-277V) ☐ **L3** (Lutron Hi-lume® Fade-to-Black 1% 120-277V) ☐ **EL1** (eldoLED DALI 1% 120-277V) ☐ **EL2** (eldoLED 0-10V 1% 120-277V) ☐ **DMX** (DMX 1% 120-277V) ☐ **SR1**[1] (Remote ERP, Universal Dim, Triac/ELV/0-10V 1% 120-277V)	☐ **-R** (Round) ☐ **-S** (Square)	☐ (blank) (Flanged) ☐ **TL** (Trimless) ☐ **WC** (Wood Ceiling)	**00**	☐ (blank) (Standard) ☐ **-LCB-24** (24” C-Channel) ☐ **-LCB-48** (48” C-Channel)

1.Forward and reverse phase dimming at 120V only

All drivers are accessible from below the ceiling

Trim Order Matrix (Example: A4-3RWH-WH2730-NL-00)

Trim	Aperture	Pinhole Finish	Flange Finish	CCT / CRI	Optic	Lens Type	Rev
A4-3	☐ **R** (Round) ☐ **S** (Square)	☐ **WH** (White) ☐ **BL** (Black) ☐ **SA** (Satin Aluminum) ☐ **BZ** (Bronze)	☐ (blank) (Trimless / Wood Ceiling) ☐ **-WH** (White) ☐ **-BL** (Black) ☐ **-SA** (Satin Aluminum) ☐ **-BZ** (Bronze)	☐ **27** (2700K / 90 CRI) ☐ **30** (3000K / 90 CRI) ☐ **35** (3500K / 90 CRI) ☐ **40** (4000K / 90 CRI)	☐ **10** (Spot) ☐ **30** (Narrow Flood) ☐ **50** (Flood) ☐ **80** (Wide Flood)	☐ **-NL** (No Lens - damp location) ☐ **-FR** (Frosted - wet location) ☐ **-MP** (Solite - wet location) ☐ **-CL** (Clear - wet location)	**-00**

Accessories (Note: Media holder required)

- ☐ **A4-MHLDR** (Media Holder- required)
- ☐ **A4-HEX** (Hex Louver)
- ☐ **A4-FR** (Frosted Lens)
- ☐ **A4-MP** (Solite Lens)
- ☐ **A4-CL** (Clear Lens)
- ☐ **A4-LS** (Linear Spread Lens)

Optics

- ☐ **A4-10-OPTIC** (10º Spot)
- ☐ **A4-30-OPTIC** (30º Narrow Flood)
- ☐ **A4-50-OPTIC** (50º Flood)
- ☐ **A4-80-OPTIC** (80º Wide Flood)

Emergency

- ☐ **EM-1000** (25W LED Remote Inverter)
- ☐ **EM-1002** (10W LED Remote Emergency Driver)
- ☐ **EM-1003** (35W LED Remote Inverter)
- ☐ **EM-1004** (50W LED Remote Inverter)

Spec-00166 Revised 10/24/2022

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4” acrobat LED Pinhole Downlight

IC/CCEA New Construction Housing

Round or Square / Trimmed or Trimless

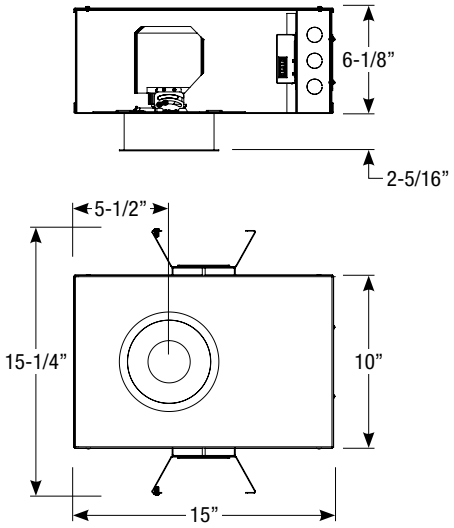
Catalog #: Type:

Project: Date:

Notes:

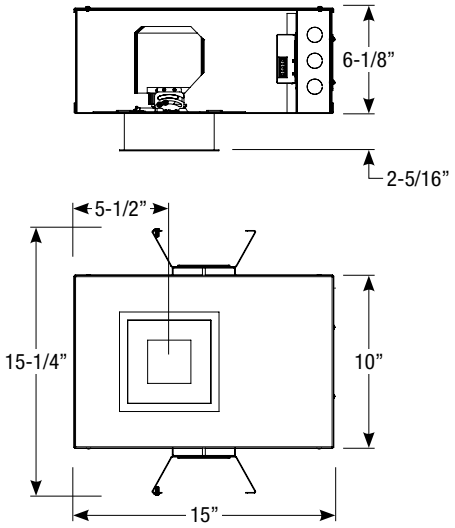
Housing Dimensions

Round



Ceiling Cut-out: 5-3/8” Ø

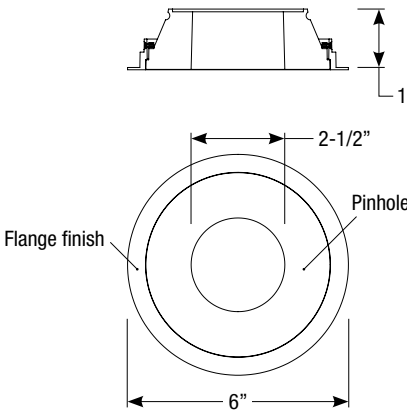
Square



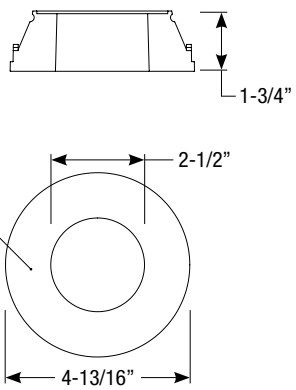
Ceiling Cut-out: 5-3/8” x 5-3/8”

Trim Dimensions

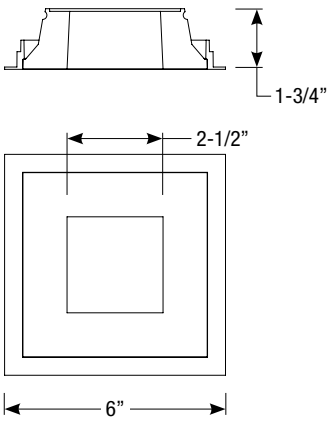
Round Trimmed



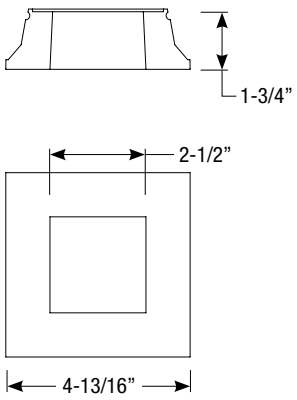
Round Trimless

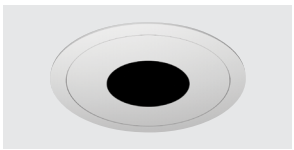


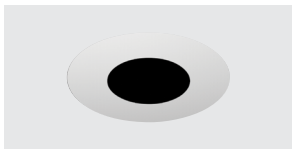
Square Trimmed

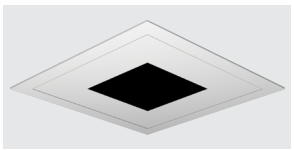


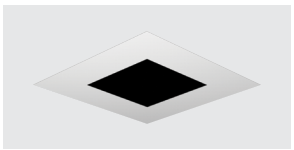
Square Trimless











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