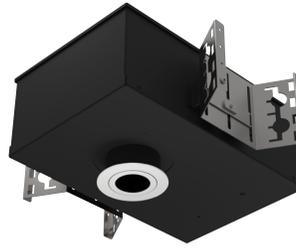Catalog #:

Type:

Project:

Date:

Notes:

1" acrobat LED Pinhole Downlight
IC/CCEA New Construction Housing
Round or Square / Trimmed or Trimless

Wattage	CCT	Delivered Lumens	Efficacy
10W	3000K	781lm	78lpw

Lumens will vary depending on CCT, optic & lens option

Description

- Acrobat Air Tight IC/Chicago Plenum downlight delivers over 750lm through a 1-1/2" aperture with four optical distributions. Delivered lumens are maintained in different ceiling thicknesses.
- No above ceiling access required except for certain specified driver configurations

Field Replaceable LED Light Engine

- 10W 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 1-1/4" (Extended 2" collar available, must specify)
- 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 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 wet 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

cULus LISTED   WET LOCATION   JA8 TITLE 24 COMPLIANT

Housing Order Matrix (Example: A1-IC10S-R00-LCB-24)

Type	Wattage	Driver	Aperture	Trim Style	Rev	Extended Collar	Hanger Bar
A1-IC (IC/CP)	**10** (10W)	**S**[2,3] (ERP, Universal Dim, Triac/ELV/0-10V 1% 120-277V) **L3**[1] (Lutron Hi-lume® Fade-to-Black 1% 120-277V) **EL1**[1] (EldoLED DALI 1% 120-277V) **EL2**[1] (EldoLED 0-10V 1% 120-277V) **DMX**[1] (DMX 1% 120-277V) **SR1**[3] (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 1-1/4") **-2** (Up to 2")	(blank) (Standard) **-LCB-24** (24" C-Channel) **-LCB-48** (48" C-Channel)

1. Above ceiling access requires
2. Accessible from below ceiling
3. Forward and reverse phase dimming at 120V only

Trim Order Matrix (Example: A1-3RWH-WH2730-NL-00)

Trim	Aperture	Pinhole Finish	Flange Finish	CCT / CRI	Optic	Lens Type	Rev
A1-3	**R** (Round) **S** (Square)	**WH** (White) **BL** (Black) **SA** (Satin Aluminum) **BZ** (Bronze)	(blank) (Trimless) **-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)

- **A1-MHLDR** (Media Holder- required)
- **A1-HEX** (Hex Louver)
- **A1-FR** (Frosted Lens)
- **A1-MP** (Solite Lens)
- **A1-CL** (Clear Lens)
- **A1-LS** (Linear Spread Lens)

Optics

- **A1-10-OPTIC** (10º Spot)
- **A1-30-OPTIC** (30º Narrow Flood)
- **A1-50-OPTIC** (50º Flood)
- **A1-80-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)

CSL CREATIVE SYSTEMS LIGHTING

1" acrobat LED Pinhole Downlight
IC/CCEA New Construction Housing
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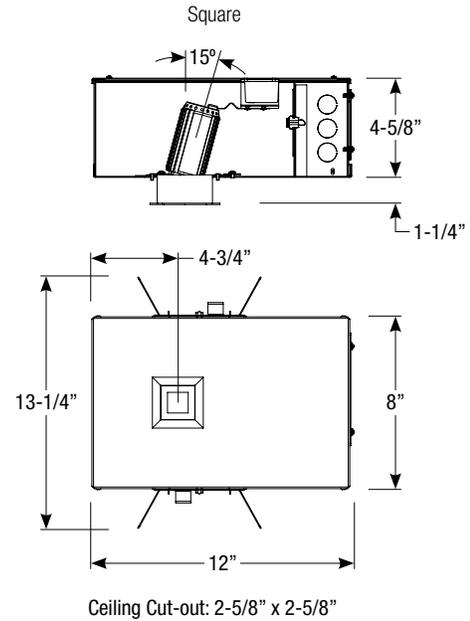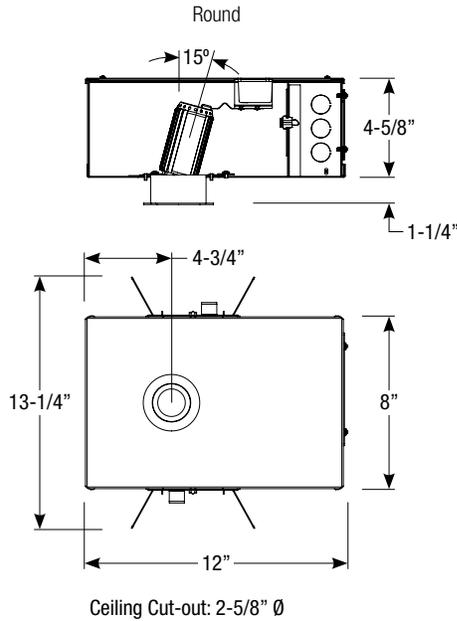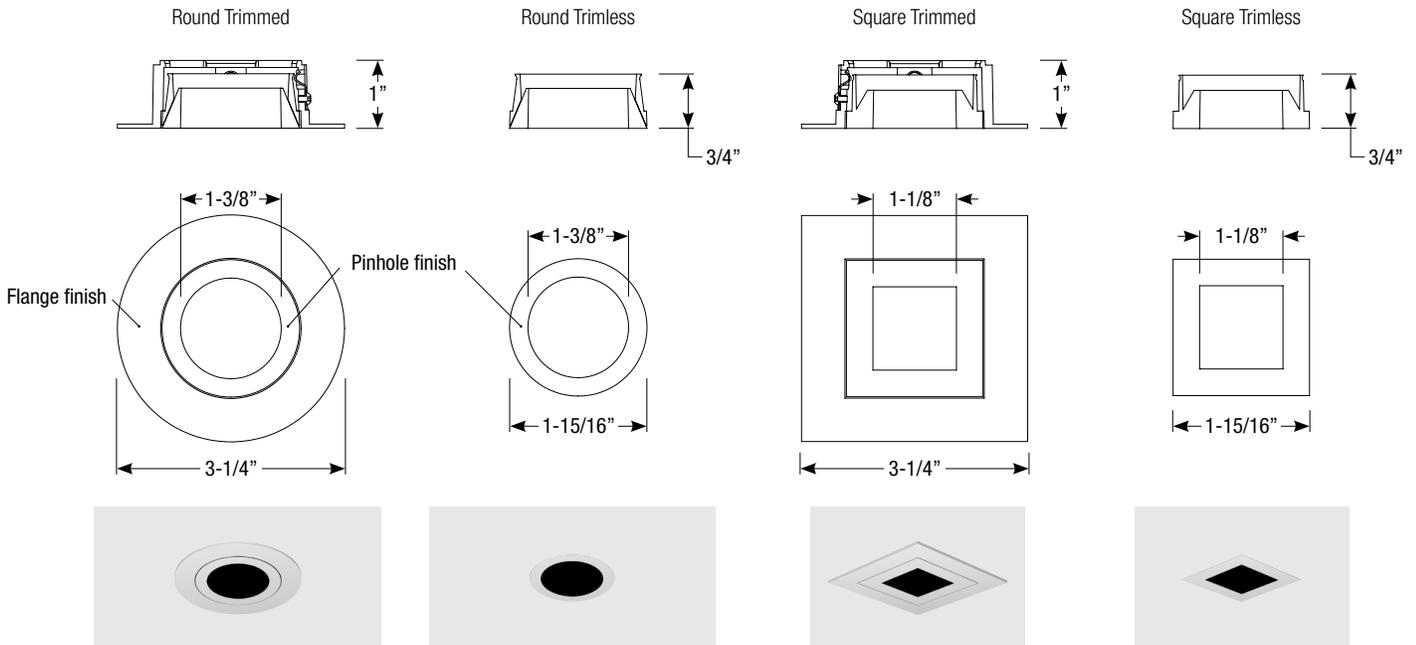
Notes:

CSL
CREATIVE
SYSTEMS
LIGHTING

Housing Dimensions

Round

15º

4-5/8"

1-1/4"

4-3/4"

13-1/4"

8"

12"

Ceiling Cut-out: 2-5/8" Ø

Square

15º

4-5/8"

1-1/4"

4-3/4"

13-1/4"

8"

12"

Ceiling Cut-out: 2-5/8" x 2-5/8"

Trim Dimensions

Round Trimmed

1"

1-3/8"

Flange finish

Pinhole finish

3-1/4"

Round Trimless

3/4"

1-3/8"

1-15/16"

Square Trimmed

1"

1-1/8"

3-1/4"

Square Trimless

3/4"

1-1/8"

1-15/16"

Wood Ceiling Dimensions

ROUND			
Aperture	A	B	C
1"	3-1/8"	2-1/8"	2-5/8"

SQUARE			
Aperture	A	B	C
1"	3-1/8" x 3-1/8"	2-1/8" x 2-1/8"	2-5/8" x 2-5/8"

Spec-00046 Revised 10/24/2022

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