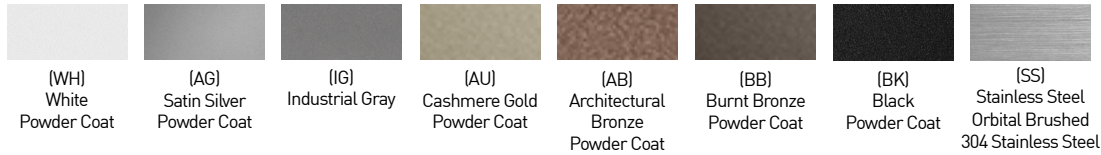# 2 SERIES HAL INT
ADJUSTABLE

Our smallest aperture family of pin-hole fixtures offers high-output illumination for high-drama design statements in discerning residential, retail, and hospitality environments.

ORDERING INFORMATION

FITTING	RATING		FLANGE FINISH		INSTALL TYPE		CEILING THICKNESS	POWER SUPPLY	EFFECTS DEVICE	FLANGE CONFIGURATION
		-		-	EX	-		INTERNATIONAL (120V – 240V)	Standard Effects Device	
2RA Round Expanded	1 IP20 Dry / Damp		WH White		EX Export		0 3mm - 13mm	**LVH** Low Voltage Halogen*	04 Soft Focus Lens	F Flange Overlay (No Appliqué)*
2PA Round Pinhole	2 IP64 Wet *		AG Satin Silver				1 13mm - 20mm	*(Fitting ships with MR16 socket, power supply not provided)		*(Required for Zero-Sightline wood applications)
2SA Square Expanded	*(Lens sealed in place)		IG Industrial Gray				2 20mm - 32mm	**MVH** Mains Voltage Halogen*	Optional Effects Device	G Zero Sightline Gypsum (1.57mm Appliqué)*
			AU Cashmere Gold				3 32mm - 51mm	*(Fitting ships with GU10 socket, power supply not provided)	NL No Lens*	
			AB Arch Bronze				4 51mm - 76mm		*(Not available for IP64 wet location)	*(Not available for wet location)
			BB Burnt Bronze						01 Linear Spread Lens	P Zero Sightline Plaster (3.18mm Appliqué)*
			BK Black						02 Honeycomb Louver*	
			PR Primer						*(Not available for IP64 wet location)	*(Not available for wet location)
			SS Stainless Steel*						03 Clear Glass Lens	
			*(Increased lead time)						05 Frosted Glass Lens	
			CF Custom*						09 Ultra Violet Lens	
			*(Consult Factory)						26 Frosted Linear Spread Lens*	
									*(Not available for IP64 wet location)	

(WH) White Powder Coat	(AG) Satin Silver Powder Coat	(IG) Industrial Gray	(AU) Cashmere Gold Powder Coat	(AB) Architectural Bronze Powder Coat	(BB) Burnt Bronze Powder Coat	(BK) Black Powder Coat	(SS) Stainless Steel Orbital Brushed 304 Stainless Steel

PART NUMBER NOTES
- Fitting ships as e.g. 2RA1-WH-EX-1-LVH04
- Appliqué ships with fitting

ACCESSORIES

ALTERNATE EFFECTS DEVICES
☐ **LSL-2**   Linear Spread Lens
☐ **HCL-2**   Honeycomb Louver*
*(Not available for IP64 wet location)
☐ **CGL-2**   Clear Glass Lens
☐ **SFL-2**   Soft Focus Lens
☐ **FGL-2**   Frosted Glass Lens
☐ **UVL-2**   Ultra Violet Lens
☐ **FLSL-2**   Frosted Linear Spread Lens*
*(Not available for IP64 wet location)

ROUTER TOOL GUIDE (IP10 Dry / Damp locations only)
Recommended for Zero-Sightline installations in wood ceilings. Must Specify **F** Flange Configuration
☐ **DLA-RTG-2S-RD**   Tool, router guide; reusable

ADJUSTMENT TOOL
One included with every four fittings.
☐ **TOOL-HEX-050**

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[DATE OF REV: 02142025]

2 SERIES HAL INT ADJUSTABLE

DOWNLIGHT FITTING

Hot-aim adjustment from below up to 45° tilt and 357° rotation, faceplate conceals adjustment mechanisms.

Ⓐ ADJUSTABLE YOKE
Adjustable yoke allows for quick exchange of lamp and effects devices. Accommodates up to 2 effects devices.

Ⓑ TILT GUIDE
Features adjustment angles and allows for pre-aiming prior to insertion of fitting.

Ⓒ EFFECTS DEVICES
Soft Focus Lens standard; effects device must be specified. Lens is sealed in aperture in IP64 Wet location fitting. Secondary effects device available.

Ⓓ FITTING PLATE
Features removable faceplate providing access to adjustment mechanisms. Rare Earth magnets secure faceplate firmly to fitting mechanism and do not degrade over time.

- IP10 Dry / Damp Location: Thickness measures 1.5mm
- IP64 Wet Location: Sealed aperture and integral silicone gasket. 4.3mm return, installed as flange overlay only.

Ⓔ DOWNLIGHT FITTING ADAPTER
Included with fitting and required for installation. Uses (2) #6-32 flat-head screws with varying lengths to accommodate ceiling depth. Installed after ceiling is complete. Requires 92mm diameter cutout for flange overlay applications.

Ⓔ1 RETENTION
Engineered integral ball plungers correspond to fitting adaptor ensuring snug fit against finished ceiling.
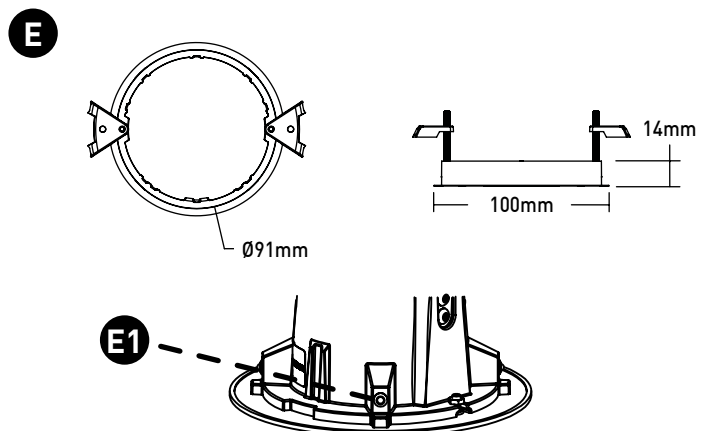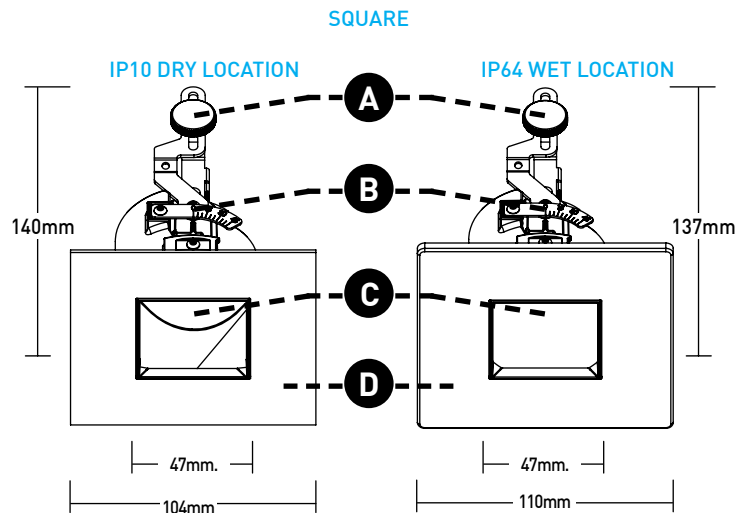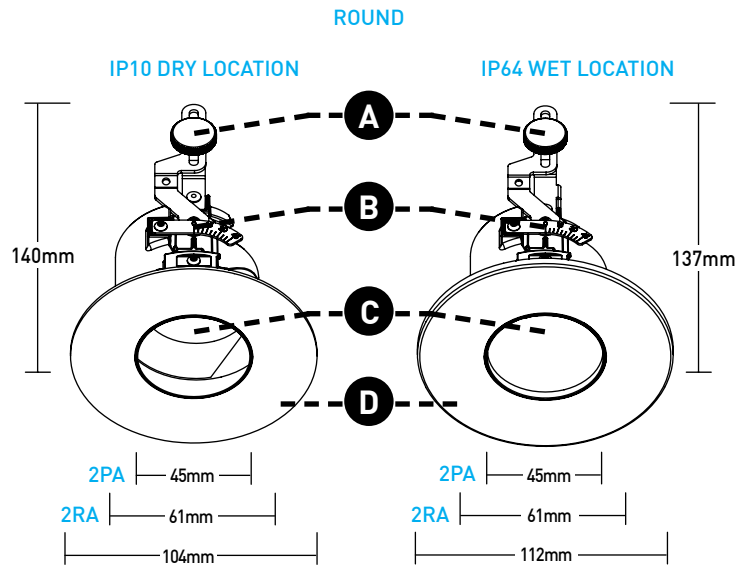
TILT CHART

Chart references abbreviated ceiling thickness and use of 1 effects device.

CEILING THICKNESS	≤ 19mm "-1" adaptor	≤ 25mm "-2" adaptor	≤ 32mm "-2" adaptor	≤ 38mm "-3" adaptor	≤ 44mm "-3" adaptor	≤ 50mm "-3" adaptor
Available Tilt	45°	44°	41°	35°	35°	33°

CEILING THICKNESS	≤ 57mm "-4" adaptor	≤ 70mm "-4" adaptor	≤ 76mm "-4" adaptor
Available Tilt	15°	15°	13°

DIMENSIONS / DRAWINGS

ROUND

IP10 DRY LOCATION

IP64 WET LOCATION

140mm

137mm

2PA — 45mm
2RA — 61mm
104mm

2PA — 45mm
2RA — 61mm
112mm

SQUARE

IP10 DRY LOCATION

IP64 WET LOCATION

140mm

137mm

47mm.
104mm

47mm.
110mm

Ⓔ

Ø91mm

14mm

100mm

Ⓔ1

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2 SERIES HAL INT ADJUSTABLE

ZERO-SIGHTLINE INSTALLATIONS

Zero-Sightline installations available for IP10 Dry / Damp location fittings only. When installed according to manufacturer's instructions and ceiling conditions are met, fitting is flush with the ceiling plane. Consult 2-Series Installation Guidelines for appropriate ceiling cutouts and instructions for proper Zero-Sightline installations.
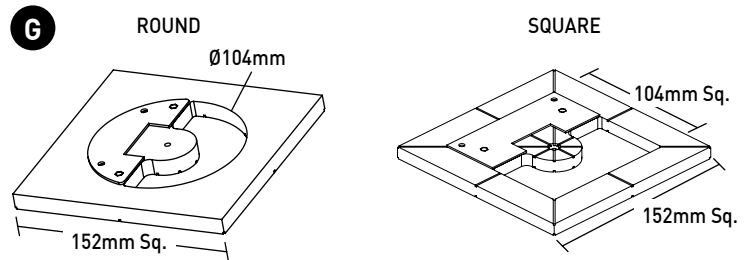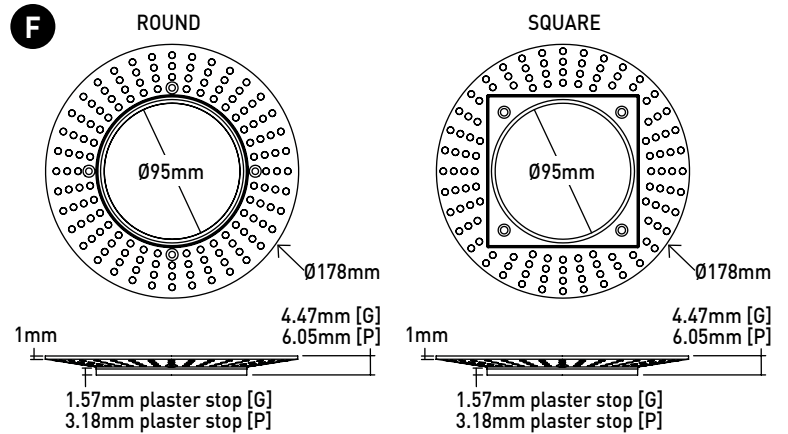
F APPLIQUÉ

- Specified on Flange Configuration and ships with housing; ships separately on remodel installations.
- For use in sheetrock ceiling applications.
- 1.57mm Appliqué (G Flange Configuration) recommended for gypsum ceiling installations and has plaster stop thickness of 1.57mm. Recommended for painted ceiling applications.
- 3.18mm Appliqué (P Flange Configuration) offers double thick plaster stop of 3.18mm where a heavier application of mud is preferred. Recommended for colorfast and venetian plaster applications. Not recommended for stucco applications.

G ROUTER TOOL GUIDE

- Specified separately and used with Flange Overlay configurations.
- For use in wood ceiling applications.
- **DLA-RTG-2S-RD** or **DLA-RTG-2S-SQ** required for wood Zero-Sightline ceiling installations.
- Router tool guide is reusable and suitable for multiple fixtures, minimum one per installer required.

DIMENSIONS / DRAWINGS

F ROUND

Ø95mm
Ø178mm
1mm
4.47mm [G]
6.05mm [P]
1.57mm plaster stop [G]
3.18mm plaster stop [P]

F SQUARE

Ø95mm
Ø178mm
1mm
4.47mm [G]
6.05mm [P]
1.57mm plaster stop [G]
3.18mm plaster stop [P]

G ROUND

Ø104mm
152mm Sq.

G SQUARE

104mm Sq.
152mm Sq.

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TECHNICAL

CONSTRUCTION

<u>Downlight Fitting</u>: Steel and aluminum; Painted finishes are granulated powder coat.
<u>Fitting Adaptor</u>: High impact composite and stainless steel.
<u>Appliqué</u>: Zinc alloy.

LAMP

MR-16 halogen and LED; 12-volt GU5.3 base and line / mains GU10 base. To ensure optimal results, it is recommended to specify lamps supplied by Lucifer Lighting. Note: MR-16 LED lamps, other than those listed, must be independently confirmed as compatible by the corresponding lamp manufacturer. Consult factory for assistance.

DIMMING PROTOCOL

Best achieved using a corresponding reverse phase control for electronic transformers and a forward phase control for magnetic transformers. Compatibility and performance may vary between controls and applied loads.

LISTING

CE Listed for IP10 Dry / Damp and IP64 Wet locations. NOM Certified.

WEIGHT

Fitting - 1.2 lbs max

LIMITED WARRANTY

Manufacturer's 1-year warranty, from the date of shipment by Seller, on all Lucifer Lighting provided system components. Consult website for full warranty terms and conditions.

CHANGE LOG

1. 02/14/2025: UPDATED FINISH OFFERINGS.

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