

Project Name: _____

Fixture Type: _____

Date: _____



ELIUM™ Downsizer Ring to 4" Downlights

120-277V, Triac, ELV, 0-10V. Round and Square Flangeless.

4" ELIUM TRIMS



Flangeless Round
Bevel



Flangeless Round
Pinhole



Flangeless Round
Wall Wash



Flangeless Square
Bevel



Flangeless Square
Pinhole



Flangeless Square
Wall Wash

FEATURES	SPECIFICATIONS
- For use in existing 5", 6", and 8" housings. 3 Part System: Downsizer Ring, Module, & Trim. - Title 24 JA8-2025-E - Lockable gear adjustment up to 40° center axis tilt (tilt ° may be limited based on existing housing size) with 3/32" Allen Key from below the ceiling. - Patented LED Module with in field changeable optics. - Standard Dimming to 1% with 0-10V, Triac and ELV dimmers. Optional 0.1% dimming. - Flangeless - Precision single piece die-cast trims. 50,000 hours lifespan L70.	WATTAGE: 5W – 19W
	LUMENS: 1000 lm
	VOLTAGE: 120-277V
	COLOR TEMP: 2400K, 2700K, 3000K, 3500K, 4000K, Sunset Dim to Warm
	DIMMABLE: 0-10V, Triac, ELV (1%)
	UL LISTED: Damp & Wet location options
	BEAM ANGLE: 15°, 24°, 36°, 50°
	CRI: 95+

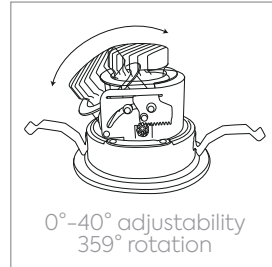
4" ELIUM™ 3-PART SYSTEM: DOWNSIZER RING, MODULE & TRIM



Clear and Solite
Lens Options



Flangeless Millwork
Options



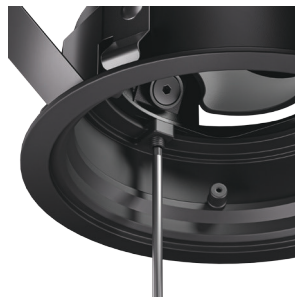
LOCKABLE HOT AIMING GEAR ADJUSTMENT FROM BELOW

Adjustability



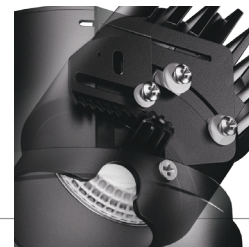
Hot Aiming from below
the ceiling using
a $\frac{3}{32}$ " Allen Key

Rotation Lock



359° Lockable Rotation
with $\frac{3}{32}$ " Allen Key*

Lockable Gear Adjustment



Easy access for quick
and effortless adjustments
from below the ceiling



* $\frac{3}{32}$ " Allen Key (**LU332ALLEN**) ordered separately

1. Specify downsizer ring part number		DOWNSIZER RING		Example: LU45RD6DSR	
ELIUM	SIZE	STYLE	DOWNSIZER RING		
LU					
LU	45 4"	RD Round	6DSR	6" Downsizer Ring	
		SQ Square			

2. Specify module part number		MODULE		Example: LU10DX30-F	
ELIUM	TYPE	COLOR TEMPERATURE		BEAM	
LU					
LU	10DX CREE PRO9 Chip, CRI 95+ 1000 lm, 0-10V, Triac/ ELV 1% Dimming 120-277V Input	24 2400K		-S² 15°	
		27 2700K		-N 24°	
		30 3000K		-F 36°	
		35 3500K		-W 50°	
		40 4000K			
	10DX LED COB	SD¹ Dim to Warm Bridgelux, 3000K to 1800K			

¹ Automatically dims from 3000K to 1800K. ² Not for **SD** option

SECONDARY MODULE OPTICS*				
L45 Black Louder	L57 White Louder	L51 CCT Reducer	L49 Frosted Lens	L47 Solite Lens

*Module Fits up to 4 secondary optics

SOCKET ADAPTERS			
PSA30 E26 Medium Base Adapter	PSA31 GU10 Base Adapter	PSA38 Hard Wire Adapter	PSA38-22 22" Rewiring Kit Hard Wire Adapter

For retrofitting existing housings
(adapters to male Quick Connect)

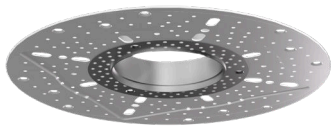
3. Specify trim part number		TRIM		Example: LU45RD10LS72W		
ELIUM	SIZE	SHAPE	STYLE	TRIM	LENS	FINISH
LU						
LU	45 4"	RD Round	10 Bevel	LS Flangeless ^{2,3}	(Blank) Open, No Lens ^{4,6}	W All White ⁸
		SQ Square	27 Pinhole		72 Clear Lens ^{5,6}	BB All Black
			33 Wall Wash ¹		83 Solite Lens ^{5,6}	BZ All Bronze
					94 Linear Lens ^{5,7}	HH All Haze
						CC Custom Color

¹ Requires Linear Lens (94 lens option) ³ Requires Spackle Frame, ordered separately ⁴ Damp Location ⁸ White trims are field paintable
² Works with all ceiling thicknesses (2"+ thick ceilings may limit adjustment). ⁵ Wet Location ⁶ Not available for Wall Wash Trim
⁷ For Wall Wash trim only

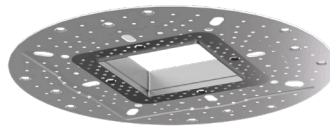
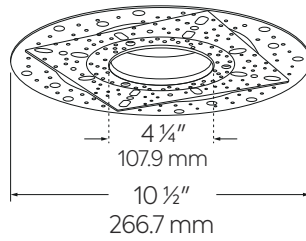
ACCESSORIES
ALLEN KEY
LU332ALLEN

PRODUCTS

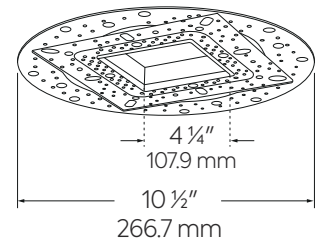
DOWNSizer RING



ROUND



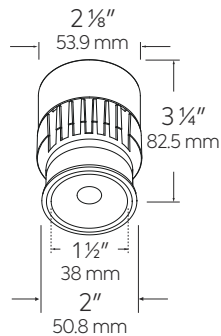
SQUARE



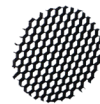
Module



ELIUM Module



Accessories



Black Louver
L45



White Louver
L57



CCT Reducer
L51



Frosted Lens
L49



Solite Lens
L47



Lenses
LUP15D (15°)
LUP24D (24°)
LUP36D (36°)
LUP50D (50°)

Socket Adapters



PSA30
E26 Medium
Base Adapter



PSA31
GU10 Base
Adapter



PSA38
Hard Wire
Adapter



PSA38-22
22' Rewiring Kit
Hard Wire Adapter

Trims



Flangeless Round Bevel



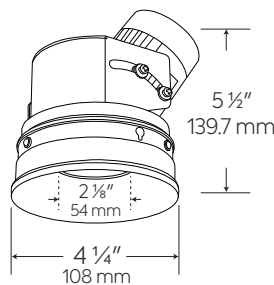
White

Bronze



Black

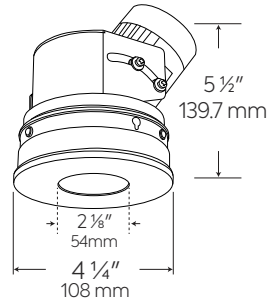
All Haze



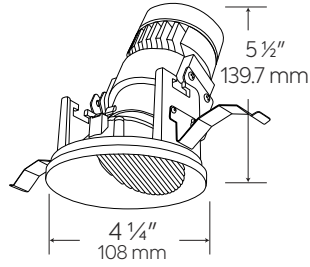
Trims



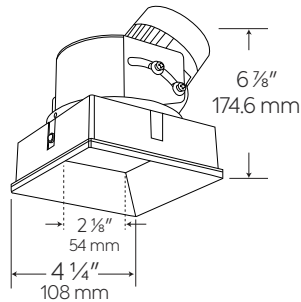
Flangeless Round Pinhole



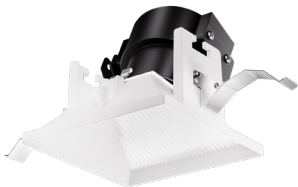
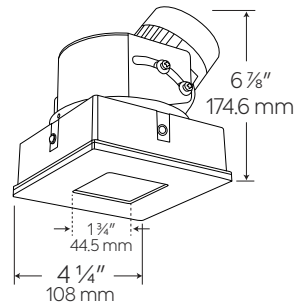
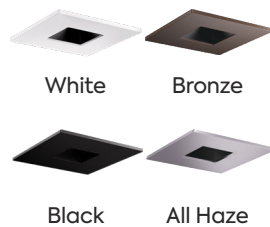
Flangeless Round Wall Wash



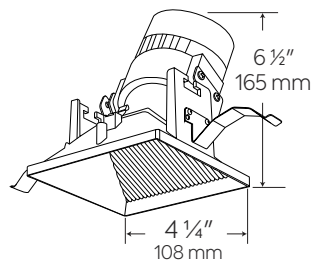
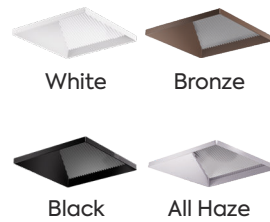
Flangeless Square Bevel



Flangeless Square Pinhole



Flangeless Square Wall Wash



TECHNICAL SPECIFICATIONS

OPTICS:

- Polycarbonate module lens diffuses light evenly throughout while reducing glare with LED technology.
- Standard lens is shatterproof.

CONSTRUCTION:

- **LIGHT ENGINE:** Diecast aluminum body with heat fins allow for efficient cooling
- **DOWNSIZER RING:** Made of high quality metal.
- **TRIMS:** Diecast aluminum trims with powder coated finish.

INSTALLATION:

- Twist-on design for toolless trim installation. Module must be installed into an enclosed housing.
- Must be used with enclosed housings, not compatible with open frames. For open frame options consult factory.

DISCLAIMER:

- Downsizer ring may limit can from being removed from ceiling, installer is responsible to make sure they still have access to the housing's junction box after installing downsizer ring.

LED TECHNOLOGY:

- Extremely accurate Color Rendering Index of 95+. Lumen Maintenance of 50,000 hours L70.
- Life based on LM80 standardized test results. Superior Thermal Management by utilizing integrated heatsink.
- Instant On to Full Brightness technology. No LED pixilation.

ELECTRICAL:

- Module connects to 120-277V power supply. High efficiency driver with a power factor >0.9. Start time of less than 0.75 seconds.

DIMMING:

- Works with 120-277V input. 120V Triac/ELV type dimmers and 120V or 277V 0-10V dimmers.
- Dims down to 1%. For full list of dimmers, refer to the Dimmer Compatibility list.
- Industry leading dimming that dims smoothly with no hot spots or flickering

SUNSET:

- Sunset color temperature is our dim-to-warm LED technology that allows the color temperature to become warmer as the product is dimmed. Our SUNSET items start at 3000K and go as low as 1800K when dimmed.
- For Sunset dim technology be sure to order an item with "Sunset" in the Color Temperature (CCT) attribute.

LISTINGS:

- RoHS Compliant. Meets Energy Star & California Title 24 JA8-2025-E standards

MODULE - LUMEN MULTIPLIER

CCT	MULTIPLIER	BEAM ANGLE	MULTIPLIER	LENSES	MULTIPLIER
2700K	0.96	15°	0.84	L45 - Black Louver	0.95
3000K	1	24°	0.89	L57 - White Louver	0.96
3500K	1.05	36°	1	L47 - Optic Spread	0.93
4000K	1.085	50°	1.065	L49 - Frosted Lens	0.85
SD	0.80			L51 - CCT Reducer	0.90
				Trim 72 - Clear Lens	0.95
				Trim 83 - Solite Lens	0.87

DIMMER COMPATIBILITY CHART

FOR REFERENCE ONLY

Testing conducted by ELIUM Lighting is not a substitute for and does not imply certification by an independent laboratory or any other standards certification. Refer to manufacturer specifications for more detailed information on product certifications and standards. Consult the dimmer manufacturer prior to installation to ensure compatibility.

MANUFACTURER	PRODUCT	PART NUMBER	DIMMED LIGHT OUTPUT RANGE
120V - Triac/ELV Dimmers for LU29RD, LU29SQ, LU37RD, LU37SQ, LU45RD & LU45SQ Series			
Leviton	120V AC 60Hz, 300W Electronic Low Voltage, 400 Volt Amp, Single Pole, 3-Way	IPE04	1% - 100%
	120V AC 60Hz, 300W CFL or 600W Incandescent, 400 Volt Amp, Single Pole, 3-Way	6673-10W	1% - 100%
	120V AC, 600W Incandescent with LED Locator, Single Pole, 3-Way	VP106	1% - 100%
	120V AC 60Hz, 500W Incandescent with LED Level Indicator, Single Pole, 3-Way	6161	1% - 100%
	120V AC, 150W LED/CFL or 600W Incandescent, Single Pole, 3-Way	6674	1% - 100%
Lutron	120V AC, 150W LED/CFL or 600W Incandescent/Halogen, Single Pole, 3-Way	RRD-6CL	1% - 100%
	120V AC 60Hz, 150W LED/CFL/Incandescent/Halogen, Single Pole, 3-Way	DVCL-153P	1% - 100%
	120V 60Hz, 150W LED/CFL or 600W Incandescent/Halogen, Single Pole, 3-Way	TGCL-153P	1% - 100%
	120V AC 60Hz, 300W Electronic Low Voltage, 3-Way, Commercial/Residential Application	DVELV-303P	1% - 100%
	120V, 600W Incandescent/Halogen, Single Pole, Residential Indoor Application	TG-600P	1% - 100%
	120V, 1000W Incandescent or 600W Magnetic Low Voltage, Single Pole, 3-Way	CT103P	1% - 100%
	120V AC 60Hz, 600W Electronic Low Voltage, Single Pole/Multi-Location	MAELV600	1% - 100%
	120V AC 60Hz, 500W Electronic Low Voltage, Single Pole/Multi-Location	FAELV500	1% - 100%
	120V AC 60Hz, 600W Incandescent/Halogen, Single Pole, Slide-to-Off Dimmer	S-600P	1% - 100%
	120V AC 60Hz, 150W LED/CFL or 600W Incandescent/Halogen, Single Pole, 3-Way	SCL-153P	1% - 100%
	Caséta® Wireless Dimmer	PD-6WCL	1% - 100%
	120V AC 60Hz, Low Voltage Load Type, 150W Single Pole	DVLV-600P	5% - 100%
	120V AC, 60Hz, 600W Incandescent/Halogen, Single Pole, 3-Way, Residential and Commercial Application	DV-603P	1% - 100%
	120V AC, 50/60Hz, 150W LED/CFL, 600W Incandescent/Halogen, Single Pole, 3-Way, Indoor Application	MA-PRO	1% - 100%
	120V AC 60Hz, 150W LED/CFL or 600W Incandescent/Halogen, Single Pole, 3-Way	MACL-153M	1% - 100%

***NOTE: Refer to dimmer manufacturer's documentation for installation instructions and circuit details**

Disclaimer: Minimum and maximum loads for LEDs and CFLs are given in number of lamps and may vary depending on the lamp being used. Testing conducted by ELCO Lighting is not a substitute for and does not imply certification by an independent laboratory or any other standards certification. Refer to manufacturer specifications for more detailed information on product certifications and standards.

Integrating our lighting with your Smart Home System is a breeze. Simply check your Smart Home system for compatible smart switches and cross reference that with our Dimming Compatibility Chart. Once the switches are integrated with your Smart Home system your lights will be ready to go.



DIMMER COMPATIBILITY CHART

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120V - Triac/ELV Dimmers for LU29RD, LU29SQ, LU37RD, LU37SQ, LU45RD & LU45SQ Series			
Eaton	120V AC, 300W LED/CFL or 600W Incandescent/MLV/Halogen, Single Pole, 3-Way	TAL06P1-C1	1% - 100%
Cooper	120V AC 60Hz, 300W LED/CFL or 600W Incandescent/Halogen, Single Pole, 3-Way	SLC03P / DAL06P	1% - 100%
	120V AC 60Hz, 300W LED/CFL or 600W Incandescent, Single Pole, 3-Way, Residential	DLC03P	1% - 100%
	120V AC 60Hz, 600W Incandescent/Halogen, Single Pole, 3-Way	RI061-VW-K2	1% - 100%
	120V AC 60Hz, 300W LED/CFL/ Incandescent/Halogen, Single Pole, 3-Way	AAL06A-C2	1% - 100%
Lightolier	120V, 260W Incandescent/Halogen, Single Pole, 3-Way	ZP260QEW	1% - 100%
0-10V Type Dimmers - 120/277V for LU29RD, LU29SQ, LU37RD, LU37SQ, LU45RD & LU45SQ Series			
Lutron	120/277V AC, 0-10V LED/CFL Ballast, Single Pole, 3-Way	NFTV	1% - 100%
	120/277V AC, 0-10V, Single Pole, 3-Way, Commercial and Residential, Indoor Application	DVSTV	1% - 100%
	120/277V AC 50/60Hz, 0-10V LED/CFL Ballast, Single Pole, 3-Way, Indoor Application	DVTV	1% - 100%
Leviton	120/277V AC 60Hz, 0-10V LED/CFL Ballast, Single Pole, 3-Way	IP710-DL	1% - 100%

***NOTE: Refer to dimmer manufacturer's documentation for installation instructions and circuit details**

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