

Project Name: _____

Fixture Type: _____

Date: _____



4" ELIUM™ Gear Adjustable Downlights

IC Rated, up to 2000 lumens. 120-277V, Triac, ELV, 0-10V, Dali 2, Lutron, EldoLed. New Construction. Round, Square, Flanged and Flangeless.

4" ELIUM TRIMS



Round Bevel



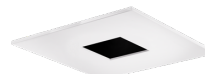
Round Pinhole



Round Wall Wash



Square Bevel



Square Pinhole



Square Wall Wash



Flangeless Round
Bevel



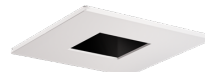
Flangeless Round
Pinhole



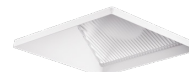
Flangeless Round
Wall Wash



Flangeless Square
Bevel



Flangeless Square
Pinhole



Flangeless Square
Wall Wash

FEATURES	SPECIFICATIONS
3 Part System: Frame, Module, & Trim - UL Listed for direct contact with insulation - Title 24 JA8-2022-E - Lockable gear adjustment up to 40° center axis tilt and 359° rotation, adjusted with 1/8" Allen Key from below the ceiling - Patented LED Module with in field changeable optic - Standard Dimming to 1% with 0-10V, Triac and ELV dimmers. Optional 0.1% dimming - Compatible with ceilings up to 2" thick (2" thick ceilings may limit tilt) - Flanged and flangeless options - Precision single piece die-cast trims 50,000 hours lifespan L70	WATTAGE: 5W – 19W
	LUMENS: 750 lm – 2000 lm
	VOLTAGE: 120-277V
	COLOR TEMP: 2400K, 2700K, 3000K, 3500K, 4000K, Sunset Dim to Warm
	DIMMABLE: 0-10V, Triac, ELV (1%), 0-10V (0.1%), Dali2 (0.1%), LUTRON HI-LUME (0.1%)
	UL LISTED: Damp & Wet location options
	BEAM ANGLE: 15°, 24°, 36°, 50°
	CRI: 95+

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



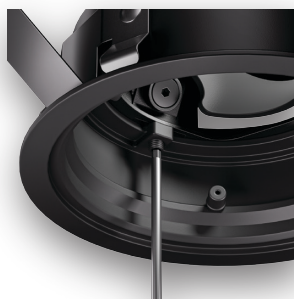
LOCKABLE HOT AIMING GEAR ADJUSTMENT FROM BELOW

Adjustability



Hot Aiming from below
the ceiling using
a 1/8" Allen Key

Rotation Lock



359° Lockable Rotation
with 1/8" Allen Key*

Lockable Gear Adjustment



Easy access for quick
and effortless adjustments
from below the ceiling



* 1/8" Allen Key (**LU332ALLEN**) ordered separately

1. Specify housing part number

HOUSING

Example: LU45RDX07ICA

ELIUM	SIZE	STYLE	DRIVER	LUMENS/WATTAGE	ICA	OPTIONAL EM
LU						
LU	45 4"	RD Round	X 120-277V, 0-10V, Triac/ELV 1%	07 750 lm (6W)	ICA IC Airtight	(Blank) No EM
		SQ Square	ED EldoLed, 0-10V 0.1%	10 1000 lm (8W)	AJICA ICA for R60 Insulation and Chicago Plenum	EM5 25W EM, 90 min ¹
			AL EldoLed, Dali 2 0.1%	12 1250 lm (11W)		EM7 15W EM, 90 min ²
			LN Lutron, Hi-Lume	15 1500 lm (14W)		
				20 2000 lm (19W)		

¹ Access from above required
² Internal EM accessible from below

2. Specify module part number

MODULE

Example: LUM2430D-S

ELIUM	TYPE	COLOR TEMPERATURE	BEAM
LU			
LU	24 CREE PRO9 Chip, CRI 95+	24D 2400K	-S 15° ²
		27D 2700K	-N 24°
		30D 3000K	-F 36°
		35D 3500K	-W 50°
		40D 4000K	
19 Bridgelux Dim to Warm, 3000K to 1800K		SD Sunset Dim to Warm ¹	

¹ Automatically dims from 3000K to 1800K. SD Module for use with 1250 lm (11W) and 1500lm (14W)* Housings only ² Not for SD option

SECONDARY MODULE OPTICS*

L45	L57	L51	L49	L58
Black Louver	White Louver	CCT Reducer	Frosted Lens	Solite Lens

*Module Fits up to 4 secondary optics

3. Specify trim part number

TRIM

Example: LU45RD10T72W

ELIUM	SIZE	SHAPE	STYLE	TRIM	LENS	FINISH
LU						
LU	45 4"	RD Round	10 Bevel	T Flanged ²	(Blank) Open, No Lens ^{5,7}	W All White
		SQ Square	27 Pinhole	LS Flangeless ^{3,4}	72 Clear Lens ^{6,7}	BB All Black
			33 Wall Wash ¹		83 Difused Lens ^{6,7}	
					94 Linear Lens ^{6,8}	

¹ Requires Linear Lens (94 lens option)

² For ceiling thickness up to 2"
³ For ceiling thickness up to 3.5"
⁴ Requires Spackle Frame, ordered Separately

⁵ Damp Location
⁶ Wet Location
⁷ Not available for Wall Wash Trim
⁸ For Wall Wash trim only

ACCESSORIES

ROUND SPACKLE FRAME

SQUARE SPACKLE FRAME

ALLEN KEY

LU45RDSF

LU45SQSF

LU332ALLEN



eliumlighting.com

orders@eliumlighting.com

(323) 231 - 2090

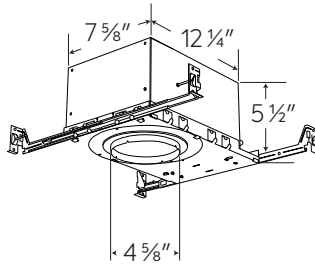
Elium reserves the right to make specification and design changes without notification.

PRODUCTS

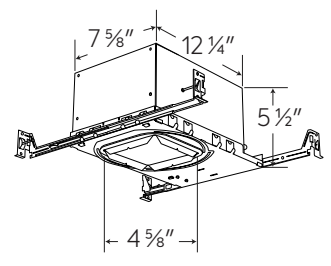
Housings



4" HOUSING Round



4" HOUSING Square

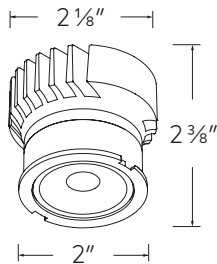


25° collar rotation
for square alignment

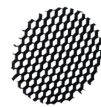
Module



ELIUM Module



Accessories



Black Louver
L45



White Louver
L57



CCT Reducer
L51



Frosted Lens
L49



Solite Lens
L58

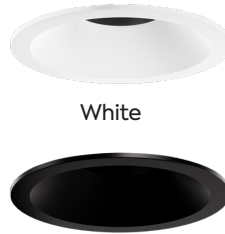


Lenses
LUP15D (15")
LUP24D (24")
LUP36D (36")
LUP50D (50")

Trims

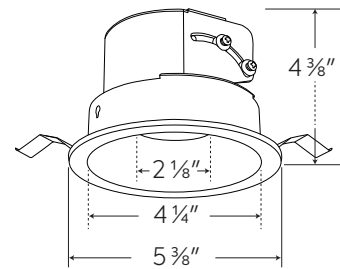


Round Bevel

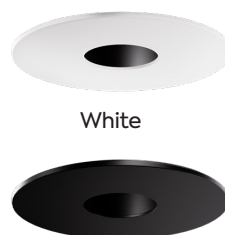


White

Black

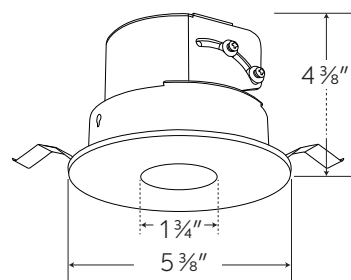


Round Pinhole



White

Black





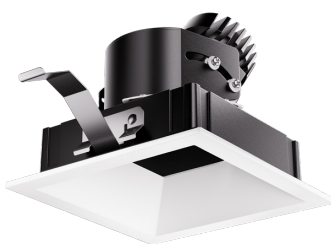
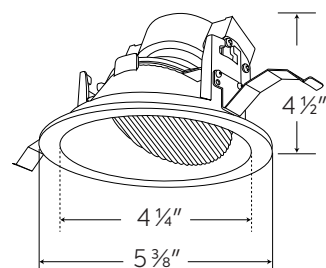
Round Wall Wash



White



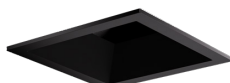
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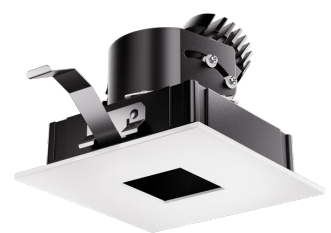
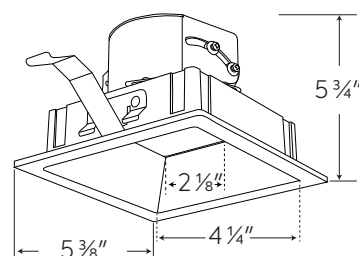
Square Bevel



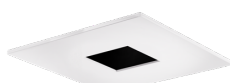
White



Black



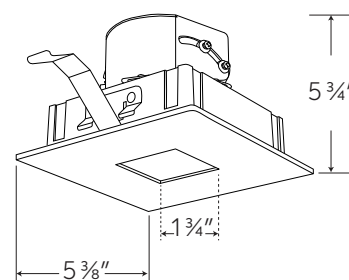
Square Pinhole



White



Black



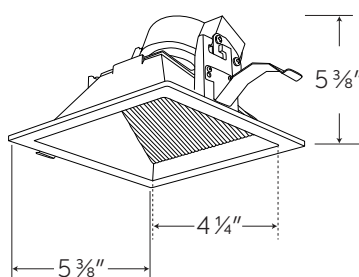
Square Wall Wash



White



Black



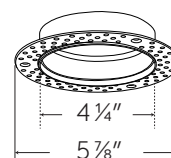
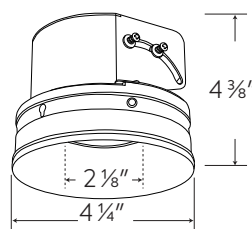
Flangeless Round Bevel



White



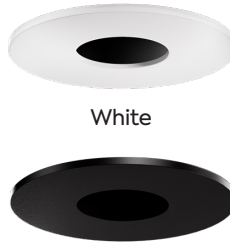
Black



Spackle Frame
Ordered Separately

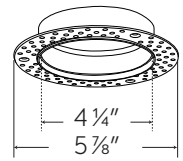
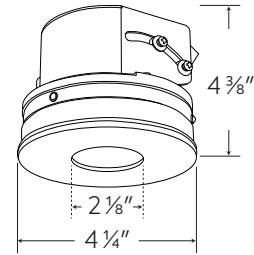


Flangeless Round Pinhole



White

Black



Spackle Frame
Ordered Separately

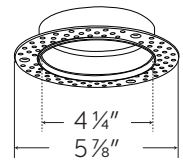
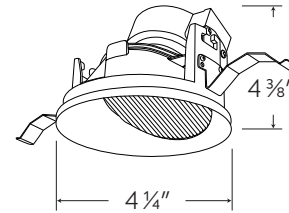


Flangeless Round Wall Wash



White

Black



Spackle Frame
Ordered Separately

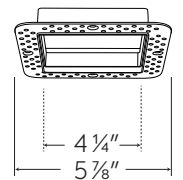
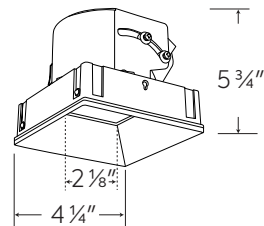


Flangeless Square Bevel



White

Black



Spackle Frame
Ordered Separately

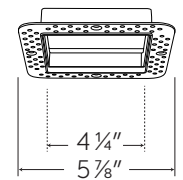
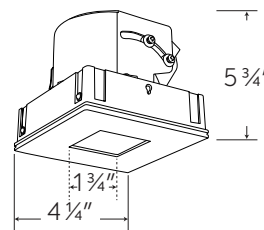


Flangeless Square Pinhole



White

Black



Spackle Frame
Ordered Separately

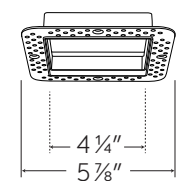
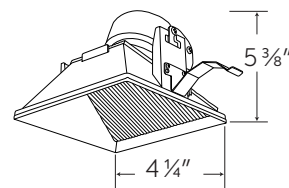


Flangeless Square Wall Wash



White

Black



Spackle Frame
Ordered Separately

TECHNICAL SPECIFICATIONS

The ELIUM Downlight is a modular, high-performance recessed lighting system designed for versatility and ease of installation. The system consists of three key components: Housing, Module, and Trim Mechanism. The module securely twists onto the trim mechanism and connects to the housing via a quick-connect system. Both the module and driver are fully serviceable from below the ceiling.

HOUSING:

Designed for ceiling plenums with 2 x 6 joists or taller.

- High-strength hanger bars can be easily nailed to joists.
- Compatible with T-grid and drop ceiling applications.
- Adjustable hanger bars extend from 7.5" to 24".
- Accessible driver mounted on the frame for easy servicing.
- Rotatable square collar ensures precise square alignment.
- Knockouts for easy wiring:
 - Two 3/4" knockouts
 - Seven 1/2" trade-size conduit knockouts
 - One 3/8" knockout
 - Four pry-out knockout slots for Romex wiring

EMERGENCY OPTIONS:

- 90-minute emergency battery backup with remote test switch.
- 15W emergency backup accessible from below the ceiling.
- 25W emergency backup requires access from above.

OPTICS:

- Precision-engineered PIR optics available in 15°, 24°, 36° and 50° beam spreads.
- Field-changeable secondary lenses available—no accessory holder required. Module can hold up to 4 secondary lenses.

LED TECHNOLOGY:

CREE COB LED for superior performance.

- 95+ CRI for exceptionally accurate color rendering.
- 50,000-hour L70 lifespan based on LM80 test standards.
- Advanced thermal management with integrated heat sink.
- Instant-on to full brightness with no visible LED pixilation.

SUNSET DIMMING:

- Dim-to-warm LED technology: Color temperature automatically warms as it dims.
- 3000K at full brightness, dimming smoothly down to 1800K.
- To order, select an item with "Sunset SD" in the Color Temperature (CCT) attribute.

ADJUSTABILITY:

- Adjustable from below the ceiling while keeping the light centered with the trim opening.
- 40° tilt adjustment, set using a 1/8" Allen key with an Automatic locking mechanism ensures secure positioning.
- Lockable 359° rotation for precise aiming.

MODULE - LUMEN MULTIPLIER

CCT	MULTIPLIER	BEAM ANGLE	MULTIPLIER
2700K	0.96	15°	0.84
3000K	1	24°	0.89
3500K	1.05	36°	1
4000K	1.085	50°	1.065
SD	0.80		

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 LU37RD Series, LU37SQ Series, LU45RD Series & 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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MANUFACTURER	PRODUCT	PART NUMBER	DIMMED LIGHT OUTPUT RANGE
120V – Triac/ELV Dimmers for LU37RD Series, LU37SQ Series, LU45RD Series & 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 LU37RD Series, LU37SQ Series, LU45RD Series & 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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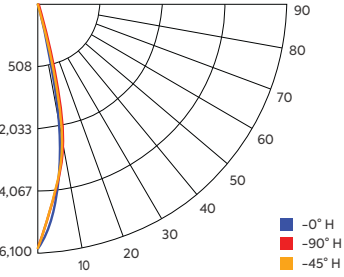
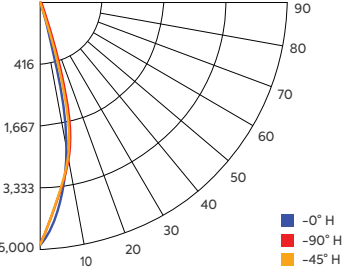
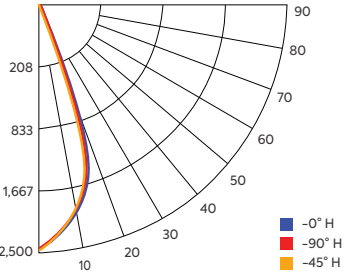
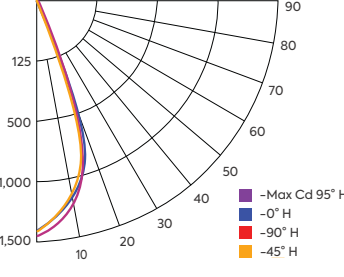
PHOTOMETRIC REPORT

4" Round Bevel

PHOTOMETRIC REPORT	CANDLE POWER SUMMARY	ILLUMINANCE AT A DISTANCE																																																						
Product #: LU45RD10TW (Tilted at 0°, 1500lm); 15° Wattage: 12.63W Delivered Lumens: 1,263.3 lm Luminaire LPW: 99.96 lm/W	<table><tr><th>Degress Vertical</th><th>0°</th></tr><tr><td>0</td><td>6096</td></tr><tr><td>5</td><td>5362</td></tr><tr><td>15</td><td>1800</td></tr><tr><td>25</td><td>354</td></tr><tr><td>35</td><td>44</td></tr><tr><td>45</td><td>5</td></tr><tr><td>55</td><td>3</td></tr><tr><td>65</td><td>2</td></tr><tr><td>75</td><td>0</td></tr><tr><td>85</td><td>0</td></tr><tr><td>90</td><td>0</td></tr></table>	Degress Vertical	0°	0	6096	5	5362	15	1800	25	354	35	44	45	5	55	3	65	2	75	0	85	0	90	0	<table><tr><th>Distance to Target Plane</th><th>Center Beam Footcandles</th><th>Beam Diameter</th></tr><tr><td>4'</td><td>381</td><td>1.7'</td></tr><tr><td>6'</td><td>169</td><td>2.5'</td></tr><tr><td>8'</td><td>95.3</td><td>3.3'</td></tr><tr><td>10'</td><td>61.0</td><td>4.1'</td></tr></table> ZONAL LUMEN SUMMARY <table><tr><th>Zone</th><th>Lumens</th><th>%Luminaire</th></tr><tr><td>0-30°</td><td>1,201.9</td><td>95.3</td></tr><tr><td>0-40°</td><td>1,251.3</td><td>99.2</td></tr><tr><td>0-60°</td><td>1,259.6</td><td>99.9</td></tr><tr><td>0-90°</td><td>1,261.1</td><td>100</td></tr></table>	Distance to Target Plane	Center Beam Footcandles	Beam Diameter	4'	381	1.7'	6'	169	2.5'	8'	95.3	3.3'	10'	61.0	4.1'	Zone	Lumens	%Luminaire	0-30°	1,201.9	95.3	0-40°	1,251.3	99.2	0-60°	1,259.6	99.9	0-90°	1,261.1	100
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PHOTOMETRIC REPORT	CANDLE POWER SUMMARY	ILLUMINANCE AT A DISTANCE																																																						
Product #: LU45RD10TW (Tilted at 0°, 1500lm); 24° Wattage: 12.64W Delivered Lumens: 1,279.4 lm Luminaire LPW: 101.22 lm/W	<table><tr><th>Degress Vertical</th><th>0°</th></tr><tr><td>0</td><td>4880</td></tr><tr><td>5</td><td>4206</td></tr><tr><td>15</td><td>1833</td></tr><tr><td>25</td><td>480</td></tr><tr><td>35</td><td>63</td></tr><tr><td>45</td><td>4</td></tr><tr><td>55</td><td>2</td></tr><tr><td>65</td><td>2</td></tr><tr><td>75</td><td>0</td></tr><tr><td>85</td><td>0</td></tr><tr><td>90</td><td>0</td></tr></table>	Degress Vertical	0°	0	4880	5	4206	15	1833	25	480	35	63	45	4	55	2	65	2	75	0	85	0	90	0	<table><tr><th>Distance to Target Plane</th><th>Center Beam Footcandles</th><th>Beam Diameter</th></tr><tr><td>4'</td><td>305</td><td>1.9'</td></tr><tr><td>6'</td><td>136</td><td>2.9'</td></tr><tr><td>8'</td><td>76.2</td><td>3.8'</td></tr><tr><td>10'</td><td>48.8</td><td>4.8'</td></tr></table> ZONAL LUMEN SUMMARY <table><tr><th>Zone</th><th>Lumens</th><th>%Luminaire</th></tr><tr><td>0-30°</td><td>1,191.3</td><td>93.3</td></tr><tr><td>0-40°</td><td>1,265.3</td><td>99</td></tr><tr><td>0-60°</td><td>1,276.0</td><td>99.9</td></tr><tr><td>0-90°</td><td>1,277.5</td><td>100</td></tr></table>	Distance to Target Plane	Center Beam Footcandles	Beam Diameter	4'	305	1.9'	6'	136	2.9'	8'	76.2	3.8'	10'	48.8	4.8'	Zone	Lumens	%Luminaire	0-30°	1,191.3	93.3	0-40°	1,265.3	99	0-60°	1,276.0	99.9	0-90°	1,277.5	100
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Product #: LU45RD10TW (Tilted at 0°, 1500lm); 36° Wattage: 12.70W Delivered Lumens: 1,254.1 lm Luminaire LPW: 98.68 lm/W	<table><tr><th>Degress Vertical</th><th>0°</th></tr><tr><td>0</td><td>2427</td></tr><tr><td>5</td><td>2296</td></tr><tr><td>15</td><td>1599</td></tr><tr><td>25</td><td>731</td></tr><tr><td>35</td><td>231</td></tr><tr><td>45</td><td>4</td></tr><tr><td>55</td><td>3</td></tr><tr><td>65</td><td>3</td></tr><tr><td>75</td><td>1</td></tr><tr><td>85</td><td>0</td></tr><tr><td>90</td><td>0</td></tr></table>	Degress Vertical	0°	0	2427	5	2296	15	1599	25	731	35	231	45	4	55	3	65	3	75	1	85	0	90	0	<table><tr><th>Distance to Target Plane</th><th>Center Beam Footcandles</th><th>Beam Diameter</th></tr><tr><td>4'</td><td>152</td><td>3.1'</td></tr><tr><td>6'</td><td>67.4</td><td>4.6'</td></tr><tr><td>8'</td><td>37.9</td><td>6.2'</td></tr><tr><td>10'</td><td>24.3</td><td>7.7'</td></tr></table> ZONAL LUMEN SUMMARY <table><tr><th>Zone</th><th>Lumens</th><th>%Luminaire</th></tr><tr><td>0-30°</td><td>1,058.9</td><td>84.5</td></tr><tr><td>0-40°</td><td>1,223.2</td><td>97.6</td></tr><tr><td>0-60°</td><td>1,250.3</td><td>99.8</td></tr><tr><td>0-90°</td><td>1,253.3</td><td>100</td></tr></table>	Distance to Target Plane	Center Beam Footcandles	Beam Diameter	4'	152	3.1'	6'	67.4	4.6'	8'	37.9	6.2'	10'	24.3	7.7'	Zone	Lumens	%Luminaire	0-30°	1,058.9	84.5	0-40°	1,223.2	97.6	0-60°	1,250.3	99.8	0-90°	1,253.3	100
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Product #: LU45RD10TW (Tilted at 0°, 1500lm); 50° Wattage: 12.91W Delivered Lumens: 1,205.2 lm Luminaire LPW: 93.30 lm/W	<table><tr><th>Degress Vertical</th><th>0°</th></tr><tr><td>0</td><td>1493</td></tr><tr><td>5</td><td>1417</td></tr><tr><td>15</td><td>1173</td></tr><tr><td>25</td><td>855</td></tr><tr><td>35</td><td>415</td></tr><tr><td>45</td><td>34</td></tr><tr><td>55</td><td>3</td></tr><tr><td>65</td><td>3</td></tr><tr><td>75</td><td>1</td></tr><tr><td>85</td><td>0</td></tr><tr><td>90</td><td>0</td></tr></table>	Degress Vertical	0°	0	1493	5	1417	15	1173	25	855	35	415	45	34	55	3	65	3	75	1	85	0	90	0	<table><tr><th>Distance to Target Plane</th><th>Center Beam Footcandles</th><th>Beam Diameter</th></tr><tr><td>4'</td><td>93.3</td><td>4.2'</td></tr><tr><td>6'</td><td>41.5</td><td>6.3'</td></tr><tr><td>8'</td><td>23.3</td><td>8.4'</td></tr><tr><td>10'</td><td>14.9</td><td>10.5'</td></tr></table> ZONAL LUMEN SUMMARY <table><tr><th>Zone</th><th>Lumens</th><th>%Luminaire</th></tr><tr><td>0-30°</td><td>873.9</td><td>72.5</td></tr><tr><td>0-40°</td><td>1,134.7</td><td>94.2</td></tr><tr><td>0-60°</td><td>1,201.8</td><td>99.7</td></tr><tr><td>0-90°</td><td>1,204.8</td><td>100</td></tr></table>	Distance to Target Plane	Center Beam Footcandles	Beam Diameter	4'	93.3	4.2'	6'	41.5	6.3'	8'	23.3	8.4'	10'	14.9	10.5'	Zone	Lumens	%Luminaire	0-30°	873.9	72.5	0-40°	1,134.7	94.2	0-60°	1,201.8	99.7	0-90°	1,204.8	100
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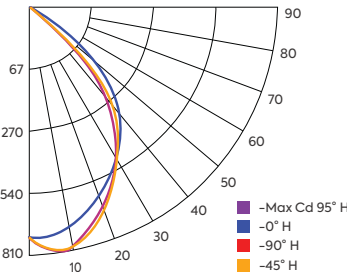
PHOTOMETRIC REPORT

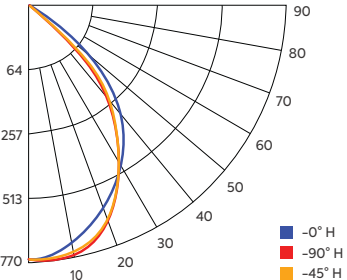
4" Round Pinhole

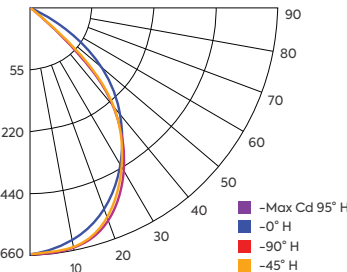
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Product #: LU45RD27TW (Tilted at 0°, 1500lm); 15° Wattage: 12.69W Delivered Lumens: 887.0 lm Luminaire LPW: 69.85 lm/W 	<table><tr><th>Degress Vertical</th><th>0°</th></tr><tr><td>0</td><td>5947</td></tr><tr><td>5</td><td>4650</td></tr><tr><td>15</td><td>1111</td></tr><tr><td>25</td><td>38</td></tr><tr><td>35</td><td>4</td></tr><tr><td>45</td><td>4</td></tr><tr><td>55</td><td>2</td></tr><tr><td>65</td><td>3</td></tr><tr><td>75</td><td>5</td></tr><tr><td>85</td><td>0</td></tr><tr><td>90</td><td>0</td></tr></table>	Degress Vertical	0°	0	5947	5	4650	15	1111	25	38	35	4	45	4	55	2	65	3	75	5	85	0	90	0	<table><tr><th>Distance to Target Plane</th><th>Center Beam Footcandles</th><th>Beam Diameter</th></tr><tr><td>4'</td><td>372</td><td>1.4'</td></tr><tr><td>6'</td><td>165</td><td>2.1'</td></tr><tr><td>8'</td><td>92.9</td><td>2.8'</td></tr><tr><td>10'</td><td>59.5</td><td>3.5'</td></tr></table> ZONAL LUMEN SUMMARY <table><tr><th>Zone</th><th>Lumens</th><th>%Luminaire</th></tr><tr><td>0-30°</td><td>870.2</td><td>98.4</td></tr><tr><td>0-40°</td><td>874.7</td><td>98.9</td></tr><tr><td>0-60°</td><td>877.6</td><td>99.2</td></tr><tr><td>0-90°</td><td>884.7</td><td>100</td></tr></table>	Distance to Target Plane	Center Beam Footcandles	Beam Diameter	4'	372	1.4'	6'	165	2.1'	8'	92.9	2.8'	10'	59.5	3.5'	Zone	Lumens	%Luminaire	0-30°	870.2	98.4	0-40°	874.7	98.9	0-60°	877.6	99.2	0-90°	884.7	100
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4'	151	2.2'																																																						
6'	67.2	3.4'																																																						
8'	37.8	4.5'																																																						
10'	24.2	5.6'																																																						
Zone	Lumens	%Luminaire																																																						
0-30°	685.7	98.5																																																						
0-40°	688.3	98.9																																																						
0-60°	691.7	99.4																																																						
0-90°	696.1	100																																																						
PHOTOMETRIC REPORT	CANDLE POWER SUMMARY	ILLUMINANCE AT A DISTANCE																																																						
Product #: LU45RD27TW (Tilted at 0°, 1500lm); 50° Wattage: 12.64W Delivered Lumens: 627.2 lm Luminaire LPW: 49.59 lm/W 	<table><tr><th>Degress Vertical</th><th>0°</th></tr><tr><td>0</td><td>1436</td></tr><tr><td>5</td><td>1344</td></tr><tr><td>15</td><td>1017</td></tr><tr><td>25</td><td>423</td></tr><tr><td>35</td><td>4</td></tr><tr><td>45</td><td>3</td></tr><tr><td>55</td><td>3</td></tr><tr><td>65</td><td>4</td></tr><tr><td>75</td><td>6</td></tr><tr><td>85</td><td>4</td></tr><tr><td>90</td><td>0</td></tr></table>	Degress Vertical	0°	0	1436	5	1344	15	1017	25	423	35	4	45	3	55	3	65	4	75	6	85	4	90	0	<table><tr><th>Distance to Target Plane</th><th>Center Beam Footcandles</th><th>Beam Diameter</th></tr><tr><td>4'</td><td>89.7</td><td>3.0'</td></tr><tr><td>6'</td><td>39.9</td><td>4.5'</td></tr><tr><td>8'</td><td>22.4</td><td>5.9'</td></tr><tr><td>10'</td><td>14.4</td><td>7.4'</td></tr></table> ZONAL LUMEN SUMMARY <table><tr><th>Zone</th><th>Lumens</th><th>%Luminaire</th></tr><tr><td>0-30°</td><td>610.3</td><td>97.4</td></tr><tr><td>0-40°</td><td>618.5</td><td>98.7</td></tr><tr><td>0-60°</td><td>622.1</td><td>99.3</td></tr><tr><td>0-90°</td><td>626.8</td><td>100</td></tr></table>	Distance to Target Plane	Center Beam Footcandles	Beam Diameter	4'	89.7	3.0'	6'	39.9	4.5'	8'	22.4	5.9'	10'	14.4	7.4'	Zone	Lumens	%Luminaire	0-30°	610.3	97.4	0-40°	618.5	98.7	0-60°	622.1	99.3	0-90°	626.8	100
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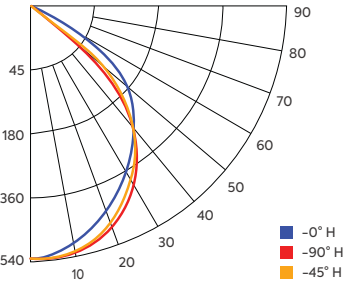
PHOTOMETRIC REPORT

4" Round Wall Wash with Linear Lens

PHOTOMETRIC REPORT		CANDLE POWER SUMMARY		ILLUMINANCE AT A DISTANCE		
Product #: LU45RD33T94W (1500lm); 15° Wattage: 12.63W Delivered Lumens: 1875.1 lm Luminaire LPW: 148.46 lm/W 		Degress Vertical 0° 0779 5773 15698 25561 35407 45268 55128 6529 759 853 900		Distance to Target Plane Center Beam Footcandles Beam Diameter 4' 48.7 4.2' 6' 21.6 6.4' 8' 12.2 8.5' 10' 7.79 10.6'		
				ZONAL LUMEN SUMMARY		
				Zone	Lumens	%Luminaire
				0-30°	483.5	50.5
				0-40°	696.3	72.7
				0-60°	932.6	97.4
				0-90°	957.5	100

PHOTOMETRIC REPORT		CANDLE POWER SUMMARY		ILLUMINANCE AT A DISTANCE		
Product #: LU45RD33T94W (1500lm); 24° Wattage / Lumens: 12.64W / 1875.1 lm Luminaire LPW: 148.34 lm/W 		Degress Vertical 0° 0752 5742 15664 25533 35389 45260 55134 6530 759 853 900		Distance to Target Plane Center Beam Footcandles Beam Diameter 4' 47.0 4.4' 6' 20.9 6.7' 8' 11.7 8.9' 10' 7.52 11.1'		
				ZONAL LUMEN SUMMARY		
				Zone	Lumens	%Luminaire
				0-30°	473.0	49.3
				0-40°	686.9	71.5
				0-60°	934.1	97.3
				0-90°	960.2	100

PHOTOMETRIC REPORT		CANDLE POWER SUMMARY		ILLUMINANCE AT A DISTANCE		
Product #: LU45RD33T94W (1500lm); 36° Wattage: 12.68W Delivered Lumens: 1875.1 lm Luminaire LPW: 147.87 lm/W 		Degress Vertical 0° 0650 5639 15572 25472 35365 45259 55141 6531 7512 854 900		Distance to Target Plane Center Beam Footcandles Beam Diameter 4' 40.6 5.3' 6' 18.1 8.0' 8' 10.2 10.7' 10' 6.50 13.3'		
				ZONAL LUMEN SUMMARY		
				Zone	Lumens	%Luminaire
				0-30°	429.0	45.5
				0-40°	643.7	68.3
				0-60°	911.7	96.7
				0-90°	942.4	100

PHOTOMETRIC REPORT		CANDLE POWER SUMMARY		ILLUMINANCE AT A DISTANCE		
Product #: LU45RD33T94W (1500lm); 50° Wattage: 12.97W Delivered Lumens: 1875.1 lm Luminaire LPW: 144.57 lm/W 		Degress Vertical 0° 0530 520 15467 25395 35318 45239 55144 6531 7512 854 900		Distance to Target Plane Center Beam Footcandles Beam Diameter 4' 33.1 6.2' 6' 14.7 9.3' 8' 8.28 12.5' 10' 5.30 15.6'		
				ZONAL LUMEN SUMMARY		
				Zone	Lumens	%Luminaire
				0-30°	362.4	42.3
				0-40°	557.6	65.1
				0-60°	824.9	96.3
				0-90°	856.9	100