REVO™ LIGHTING

Client:	
Order #:	
Project:	
Type:	

DESCRIPTION:

REVO's RLT design-driven LED Fixture that effortlessly upgrades fluorescent troffers or parabolics to cutting-edge LED technology. Perfect for commercial spaces like offices, classrooms, healthcare facilities, and retail areas, RLT offers a seamless installation experience and substantial cost savings.

RLT fixtures are equipped with the latest LED technology, boasting efficacies of up to 152 lumens per watt. Designed with precision, these fixtures deliver consistent and balanced lighting, ensuring a comfortable environment for occupants. The main diffuser and slanted troffer minimize glare, providing soft and dispersed illumination tailored for ultimate comfort.

FEATURES

• Field selectable 3500k (warm/neutral white), 4000k (neutral white) & 5000k (cool white) color temperatures.*

• Long-life LEDs provide at least 196,000 hours of operation with at least 70% of initial lumen output (L70).**

• Provides a range of 4,500 to 5,800 nominal lumens.*

• Uniform illumination with no visible LED pixilation.

• Universal 120-277 AC voltage (50-60Hz) is standard.

• 0-10vdc, continuous dimming capability is standard.

• Power factor > 0.90.

• Total harmonic distortion < 20%.

• Color rendering index (Ra) > 80.

• Steel housing and PMMA lens.

• Easy installation in new construction or retrofit. Fits in standard 2' x 4' grid ceilings.

• Built-in earthquake clips provide secure installation in grid ceilings.

• Standard mounting options include recessed mounting in grid ceilings, or suspended mounting using earthquake clips. For other mounting options, see Mounting Means (page 4)

PERFORMANCE DATA

CRI

80+

CCT

3500K 4000K, 5000K

Projected Lifetime

>196,000 Hours (L70)

Dimming

0-10V Dimming Standard,
10% down to 100%

Operating Temperature

-25°C to 50°C Ambient

Warranty

5 year Standard
10 year Optional

ORDERING INFORMATION

RTL						
	B	C	D	E	F	G

A	FIXTURE SERIES	
	RTL	Architectural Center Basket Luminaire

B	WATTAGE/LUMENS RLT 2x2	
	22	22W/3120[1]
	27	27W/3649[1]
	32	32W/4196[1]

	WATTAGE/LUMENS RLT 2x4	
	33	33W/4460[1]
	37	37W/5002[1]
	44	44W/5675[1]

C	CCT	
	35	3500k
	40	4000K
	50	5000K

D	VOLTAGE	
	UNV	120-277V

E	FINISH	
	WH	White

F	OPTIONS	
	E	Emergency
	AR	Air Supply/Return5
	VWO	Lutron Vive System Enabled Fixture (Integral RF only) Standard DALI X% Driver or ES1/ES5 EcoSystem driver w/DBI link interface[4]
	VWSO	Lutron Vive Wireless Fixture (Integral RF w/Occ & Daylight Sensor Standard DALI X% Driver or ES1/ ES5 EcoSystem driver w/DBI link interface
	ES1	Lutron LDE1 Series EcoSystem 1% Dimming with Soft On Fade to Black
	ES5	Lutron LDE5 Series EcoSystem 5% dimming
	EO	EnlightedONE System[3]
	EC	Enlighted Connect
	ET	Enlighted IOT
	Flange	Flange Kit

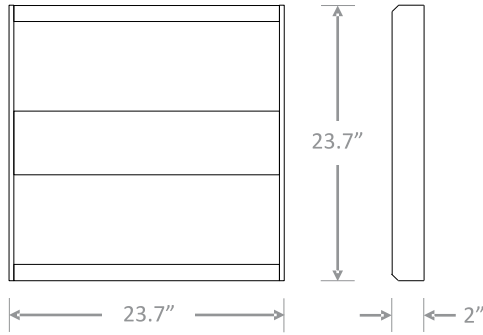| G	WARRANTY[6]	
	-	5 Year Warranty
	10	10 Year Warranty
	10L	10 Year Warranty including labor

[1] Delivered Lumens (5000K)
[2] 5 Year Warranty is Standard unless specified

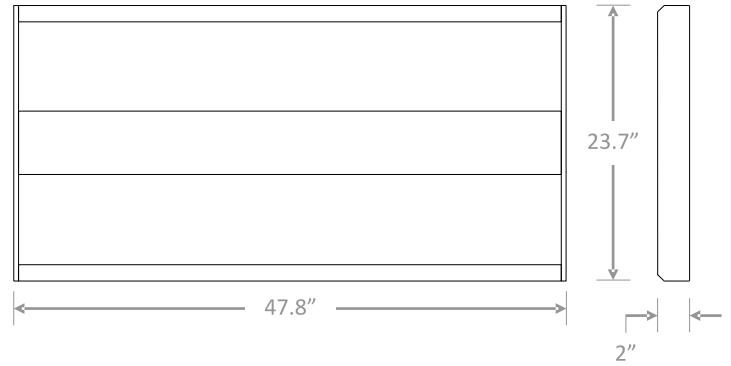POWERED BY ESPEN TECHNOLOGY

DIMENSIONS
RLT 2x2

23.7"

23.7"

2"

Weight: 7 lbs.

RLT 2x4

23.7"

47.8"

2"

Weight: 11 lbs.

PHOTOMETRIC DATA
RLT 2x2

Luminaire Data

Description	Center Basket 2X2 4L 5K - RTL
Total Lumens	4,205
Input Wattage	32
Efficacy (lm/W)	131
Spacing Criterion (0-180°)	1.24
Spacing Criterion (90-270°)	1.28

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20°	521	12.4%
0-30°	1,104	26.3%
0-40°	1,807	43.0%
20-50°	2,017	48.0%
40-70°	1,936	46.0%
0-60°	3,206	76.2%
0-80°	4,102	97.5%
0-90°	4,202	99.9%
90-180°	3	0.1%
0-180°	4,205	100.0%

Polar Graph

90°

60°

30°

0°

357
713
1070
1427

— 0° Graph
--- 90° Graph
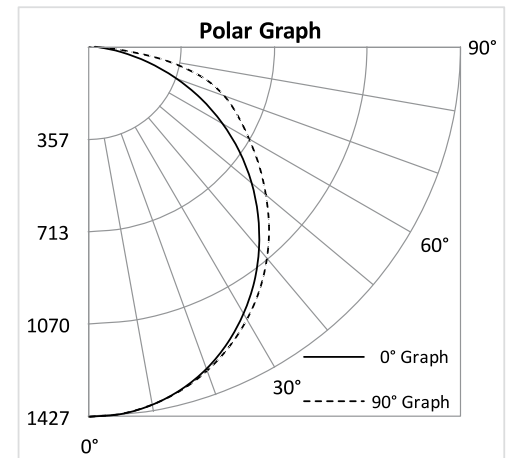
PHOTOMETRIC DATA
RLT 2x4

Luminaire Data

Description	Center Basket 2X4 6L 5K - RTL
Total Lumens	5,675
Input Wattage	44
Efficacy (lm/W)	129
Spacing Criterion (0-180°)	1.26
Spacing Criterion (90-270°)	1.28

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20°	689	12.1%
0-30°	1,465	25.8%
0-40°	2,407	42.4%
20-50°	2,706	47.7%
40-70°	2,630	46.3%
0-60°	4,305	75.9%
0-80°	5,526	97.4%
0-90°	5,671	99.9%
90-180°	4	0.1%
0-180°	5,675	100.0%

Polar Graph

90°

60°

30°

0°

470
940
1410
1880

— 0° Graph
--- 90° Graph

POWERED BY **ESPEN** TECHNOLOGY
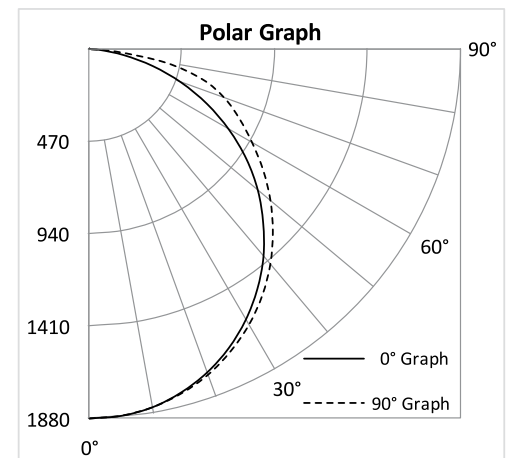
MOUNTING MEANS – ORDER SEPARATELY

• Optional surface mounting kits (SMKT-24) mounts below the ceiling.

• Optional flange mounting kits provide for recessed installation on plaster or other hard ceilings. Attach Flange Mount Kit (FLANGEKIT24-ET) to ceiling joists or other stationary structures, and the panel is mounted flush to the ceiling.

• Optional cable mounting kits provide additional security, as well as suspended mounting. Attach one end of the Cable Mount Kit (PNL-CM) to luminaire earthquake clips using spring clips, and attach the other end to stationary structures using the adjustable, locking ceiling attachment (see picture below right).
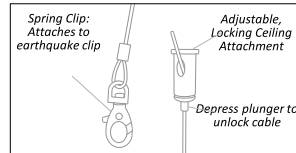
3 ¾"
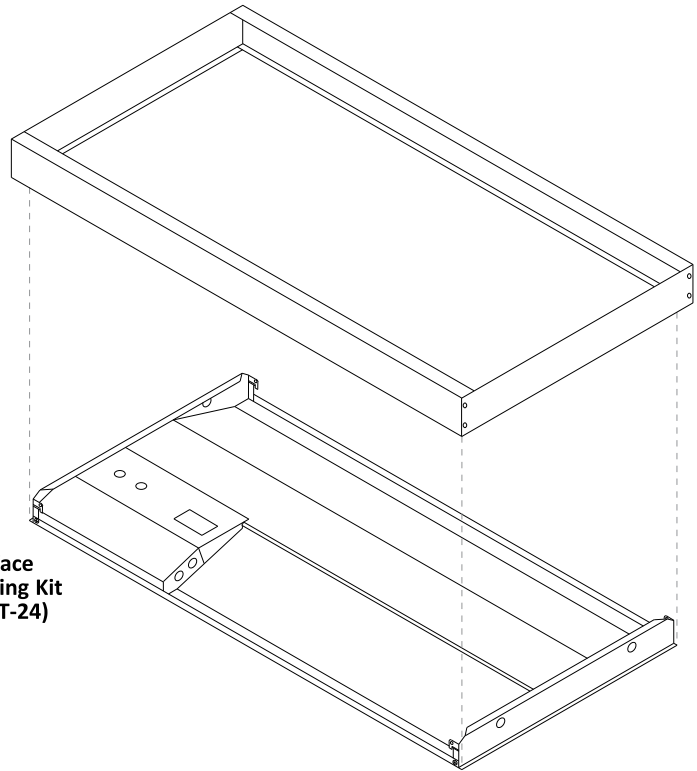
Surface Mounting Kit (SMKT-24)

1 ½"
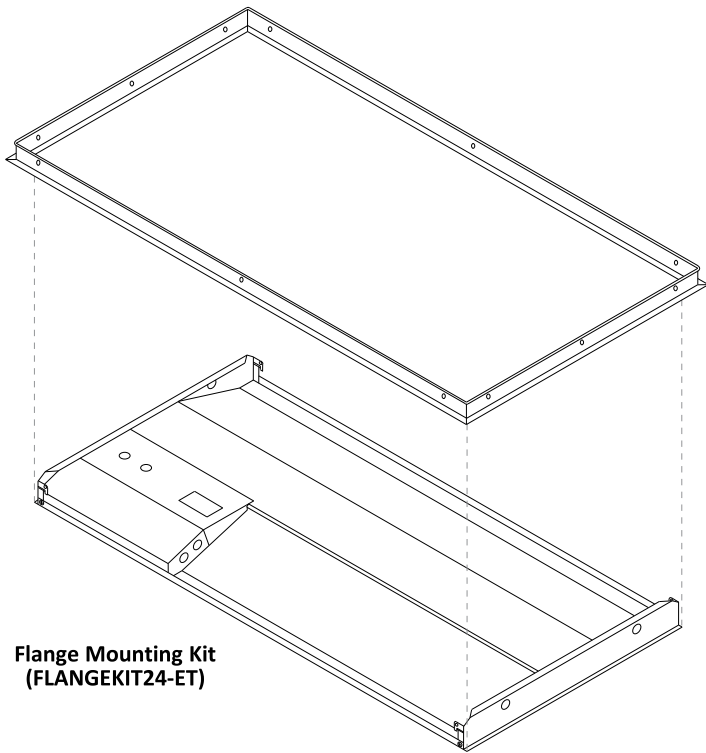
Flange Mounting Kit (FLANGEKIT24-ET)

Cable Mounting Kit (PNL-CM)

Spring Clip: Attaches to earthquake clip

Adjustable, Locking Ceiling Attachment

Depress plunger to unlock cable

Cable Mount Kit:
• Spring Clip
• Adjustable, locking ceiling attachment

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