REVO LIGHTING

PERFORMANCE DATA

DESCRIPTION:
REVO's RTL 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.

RTL 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)

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	/	HE	/	24	/	40WS	/	CS	/	UNV	/	10V	/	WH	/	SRB	/	_____	/	_____
SERIES		EFFICACY		SIZE		WATTAGE		CCT		VOLTAGE		DRIVER FEATURES		FINISH		CONTROLS		EMERG. BATT.		WARRANTY

FIXTURE SERIES	
RTL	LED Center Basket Troffer
EFFICACY	
HE	High Efficacy (140-150 LPW)
STD	Standard Efficacy (125+ LPW)
SIZE	
14	1x4 Nominal Size
22	2x2 Nominal Size
24	2x4 Nominal Size
WATTAGE*	
30WS	20W, 25W, 30W Select. (2,500 - 3,750 lm)(STD)(2x2, 1x4)
34WS	25W, 30W, 34W Select. (3,250 - 4,420 lm)(STD)(2x4)
44WS	32W, 36W, 44W Select. (4,470 - 5,850 lm)(STD)2x4)
45WS	34W, 38W, 45W Select.(4,250 - 5,625 lm)(STD)(2x4)
56WS	46W, 52W, 56W Select. (5,750 - 7,000 lm)(STD)(2x4)
30WS	20W, 25W, 30W Select. (3,000 - 4,500 lm)(HE)(2x2, 1x4)
32WS	22W, 27W, 32W Select. (3,070 - 4,370 lm)(HE)(2x2)
35WS	25W, 30W, 25W Select. (3,750 - 5,250 lm)(HE)(2x4, 2x2, 1x4)
50WS	34W, 42W, 50W Select. (4,800 - 7,500 lm)(HE)(2x4)

| CCT	
CS	80+ CRI, 35K, 40K, 50K CCT Select.
VOLTAGE	
UNV	Universal 120-277VAC
DRIVER FEATURES	
10V	0-10V Dimming
12A	12V Aux Power & 0-10V Dimming
FINISH	
WH	White Finish

CONTROLS	
SRB	Sensor Ready Plug'n'Play Bracket
MDLP	Motion PIR Occ. & Daylight Harv., Plug'n'Play
MDLPBA	Motion PIR Occ. & Daylight Harv., Plug'n'Play, Bluetooth App
EMERGENCY BATT. BACKUP	
EM8	8 Watt (900 lm) 90 Min. Emerg. Batt.
EM15	15 Watt (1500 lm) 90 Min. Emerg. Batt.
WARRANTY	
-	5 Year Warranty (Standard)
10Y	10 Year Warranty
10YL	10 Year Warranty with Labor

*Delivered Lumens based on 4000K

UL LISTED E504298
Suitable for Damp Locations

REVO™
LIGHTING

DIMENSIONS
RTL 2x2

23.7"

23.7" — 2"
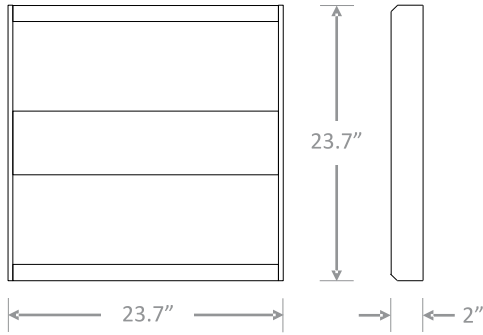
Weight: 7 lbs.

RTL 2x4

23.7"

47.8"

2"
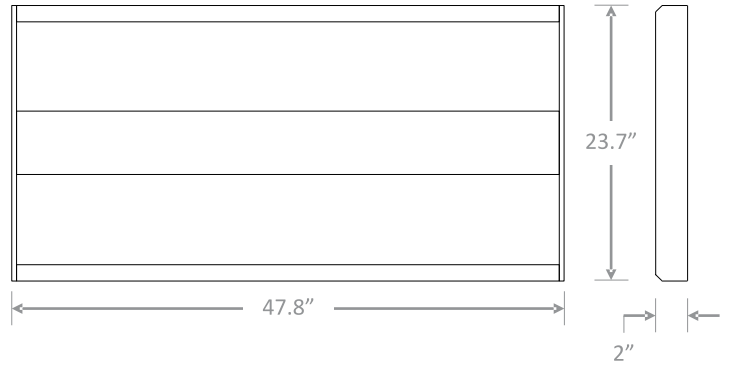
Weight: 11 lbs.

PHOTOMETRIC DATA
RTL 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°

357

713

60°

1070

1427

30°

0°

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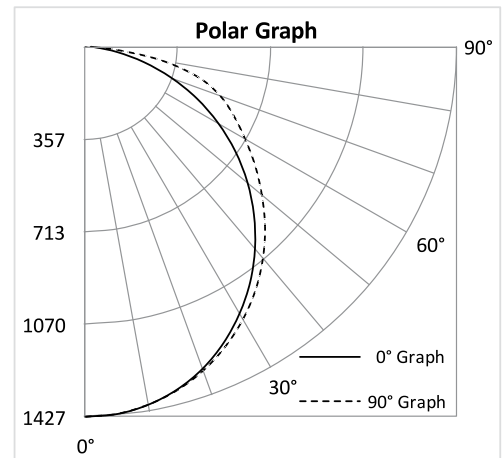
PHOTOMETRIC DATA
RTL 2x4

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°

470

940

60°

1410

1880
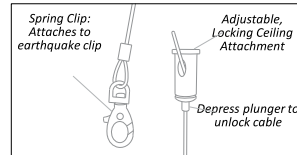
30°

0°

—— 0° Graph
- - - 90° Graph
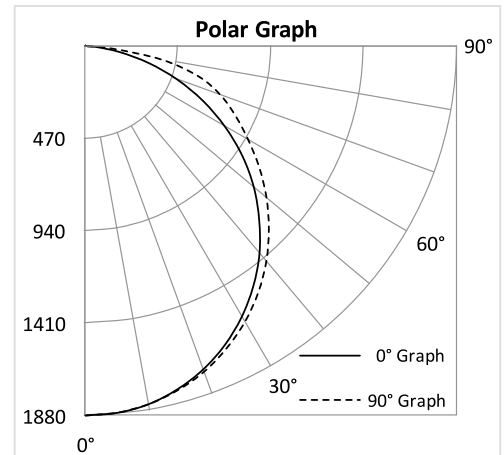
MOUNTING MEANS – ORDER SEPARATELY

• 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"

**Cable
Mounting Kit**

*Spring Clip:
Attaches to
earthquake clip*

*Adjustable,
Locking Ceiling
Attachment*

*Depress plunger to
unlock cable*
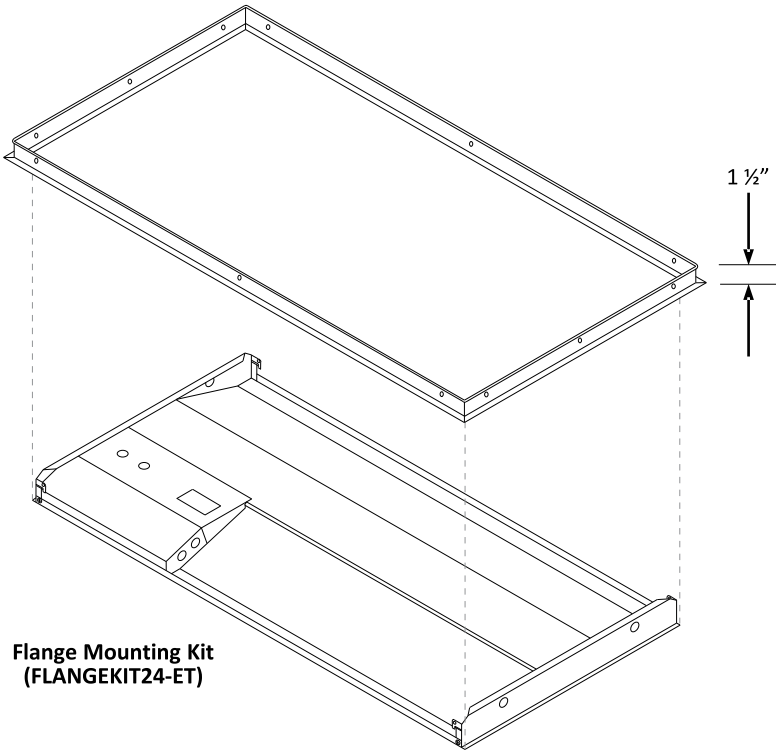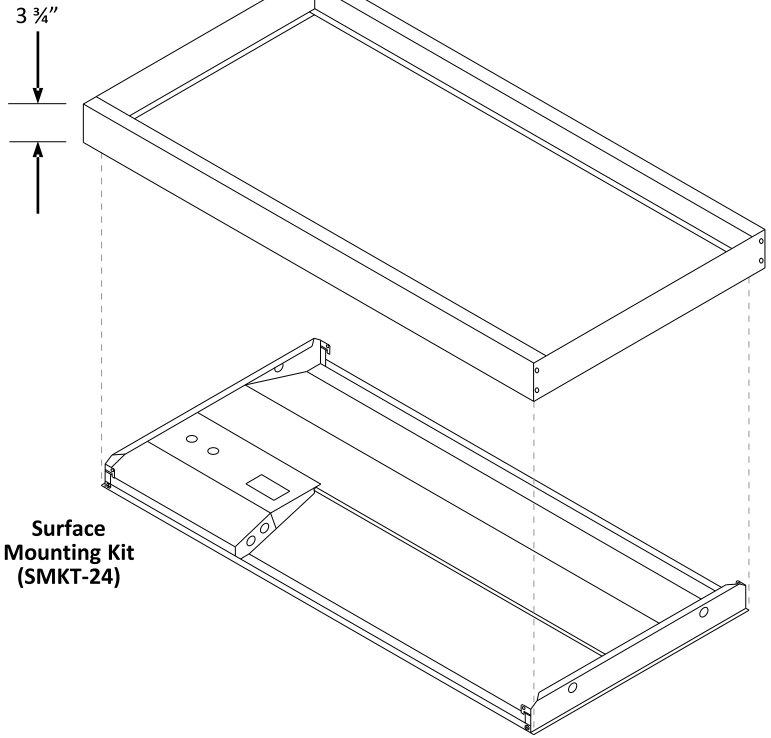
Cable Mount Kit:
• *Spring Clip*
• *Adjustable, locking ceiling attachment*

**Flange Mounting Kit
(FLANGEKIT24-ET)**