
DESCRIPTION:

The RTL is a design-forward LED retrofit solution engineered to seamlessly convert fluorescent troffers or parabolic fixtures into high-performance LED systems. Ideal for offices, classrooms, healthcare facilities, and retail environments, it delivers easy installation and meaningful energy savings. Featuring advanced LED technology with efficacies up to 125 lumens per watt, VEFT provides uniform, balanced illumination for optimal visual comfort. Its integrated main diffuser and angled troffer design reduce glare while producing soft, evenly distributed light.

FEATURES

- Switchable CCT and Wattage
- Uniform illumination with no visible LED pixilation
- Sensor Ready Bracket for optional Sensors
- Emergency Battery Backup Solutions
- Mounting: Grid ceiling, Surface mounting, Recessed drywall

CONSTRUCTION & ELECTRICAL

- 12V Aux Power & 0-10 V Dimming
- Universal 120-277VAC
- Steel housing and PMMA lens.
- Power Factor > 0.90
- THD < 20%

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

-20°C (-4°F) to 50°C (122°F)

Warranty

5 year Standard

ORDERING INFORMATION

RTL / HE / 24 / 45WS / 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	
STD	Standard Efficacy (130+ LPW)
SIZE	
14	1x4 Nominal Size
22	2x2 Nominal Size
24	2x4 Nominal Size
WATTAGE*	
30WS	20W, 25W, 30W Select. (2,600 - 3,900lm) (STD) (1x4, 2x2)
34WS	25W, 30W, 34W Select. (3,250 - 4,500lm) (STD) (2x4)

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

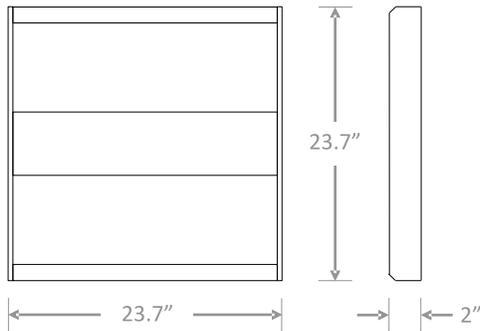
CONTROLS	
SRB	Sensor Ready Plug'n'Play Bracket (Standard)
MDLP	Motion PIR Occ. & Daylight Harv., Plug'n'Play
MDLPBA	Motion PIR Occ. & Daylight Harv., Plug'n'Play, Bluetooth App
EMERGENCY BATT. BACKUP	
EM8	8 Watt (900 lm) 90 Min. Emerg. Batt.
EM15	15 Watt (1500 lm) 90 Min. Emerg. Batt.
WARRANTY	
-	5 Year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

*Delivered Lumens based on 4000K



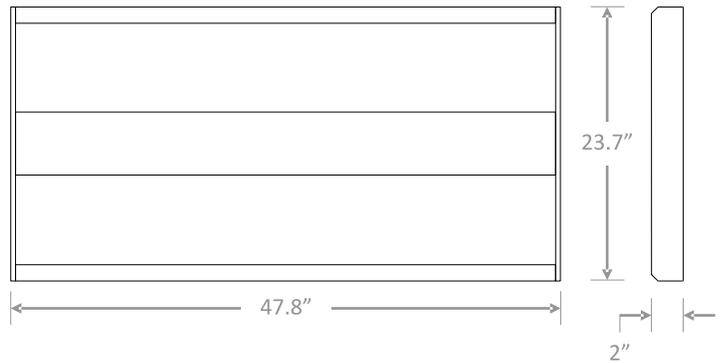
DIMENSIONS

RTL 2x2



Weight: 7 lbs.

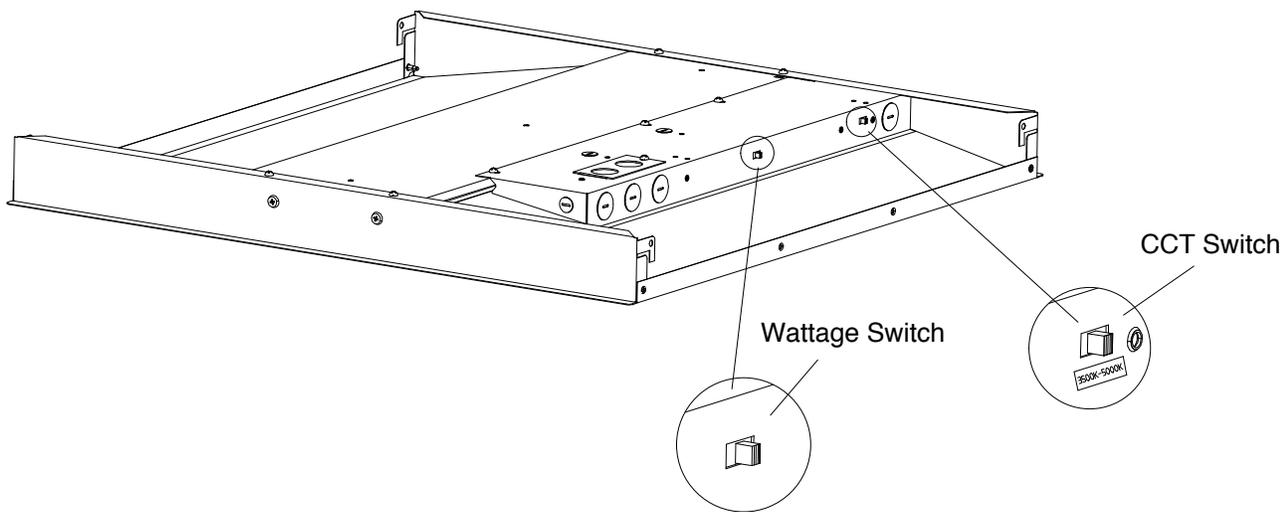
RTL 2x4



Weight: 11 lbs.

INSTALLATION INSTRUCTION

Field-Adjustable Wattage & CCT



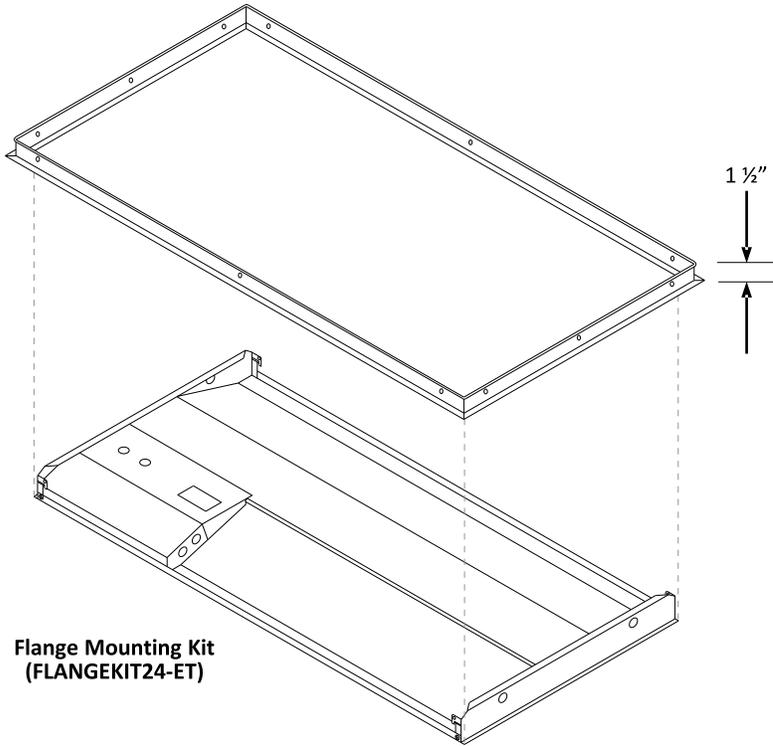
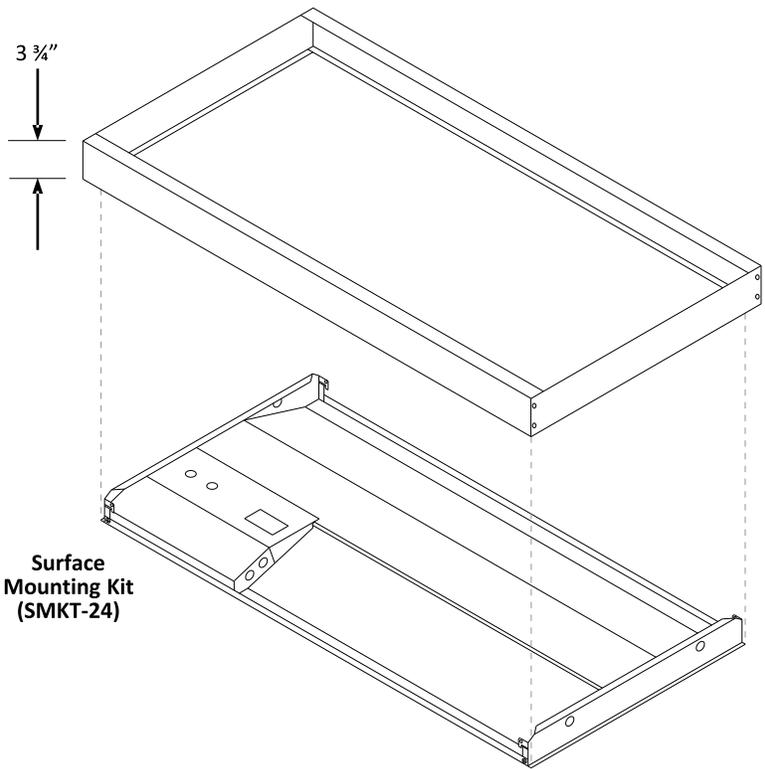
The end users may adjust the color temperature and lumen output respectively by the two DIP switch. Each DIP switch is accommodated with 3 options (left, middle and right), corresponding to 3 color temperatures and 3 powers respectively, which can perform the desired color temperature and lumen output combination.

Factory Settings:

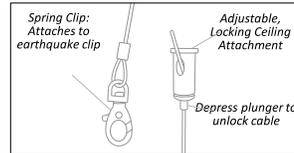
Select a wattage and color temperature by sliding switch left or right respectively to the desired value.

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).



Cable Mounting Kit



Cable Mount Kit:

- Spring Clip
- Adjustable, locking ceiling attachment