



Project Name:

Type:

Catalog#:

The EX-LITE Troffer retrofit kit is an LED upgrade lighting kit by using existing fluorescent fixtures' chassis to minimize labor and disposal cost.

3 CCTs and 3 Wattages tunable.

Ordering SKU:

SKU	Full Model #
TR22RK	TRRK-22/JH/30/25/20/YDM/CCT
TR14RK	TRRK-14/JH/30/25/20/YDM/CCT
TR24RK	TRRK-24/NJ/45/38/34/YDM/CCT

Specs:

SKU	Wattage(Tunable)	CCT(Tunable)	lm/W	Lumens	CRI
TR22RK	22W/30W/35W	3500K/4000K/5000K	130lm/W	2,600lm/3,250lm/3,900lm	80+
TR14RK	22W/30W/35W	3500K/4000K/5000K	130lm/W	2,600lm/3,250lm/3,900lm	80+
TR24RK	34W/38W/45W	3500K/4000K/5000K	130lm/W	4,420lm/4,940lm/5,850lm	80+

Features & Specs

Construction:

- Beautiful white matte finish constructed with a high gauge durable body construction to withstand industrial and commercial warehousing environments.
- Frosted polycarbonate lens to provide even light distribution with no diode visibility or glare.

Mounting:

- Door hinged retrofit into existing troffer.

Electrical:

- High Power Factor, low THD UL listed driver.
- Universal line voltage input 110-277V.
- Dimmable 0-10V.
- Wattage tunable.

Optical:

- Frosted Polycarbonate lens.
- Easy-to-remove lens for easy maintenance.
- CCT tunable.

Controls Options:

- Emergency Backup.

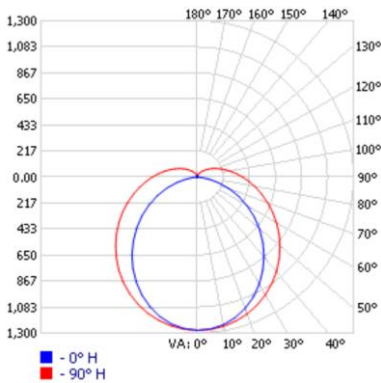
Warranty:

- 5 years warranty for complete kit.

Listings:

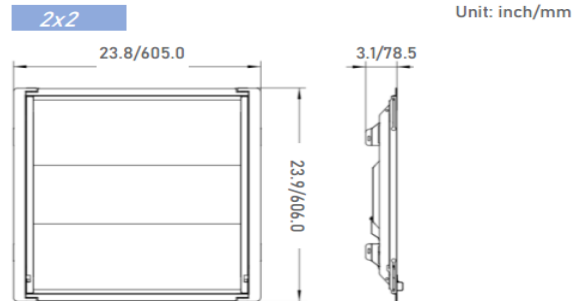
- UL
- DLC Premium
- RoHs

Photometrics (TR22RK-30W):



Coefficients Of Utilization - Zonal Cavity Method																		
Effective Floor Cavity Reflectance: 20%																		
RCC %:	80				70				50			30			10		0	
RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	0	
RCR: 0	1.16	1.16	1.16	1.16	1.12	1.12	1.12	0.89	1.05	1.05	1.05	0.98	0.98	0.98	0.92	0.92	0.92	0.89
1	1.04	0.98	0.93	0.89	1	0.95	0.9	0.71	0.88	0.85	0.81	0.83	0.8	0.77	0.77	0.75	0.73	0.7
2	0.94	0.85	0.77	0.71	0.9	0.82	0.75	0.58	0.76	0.71	0.66	0.71	0.67	0.62	0.67	0.63	0.59	0.56
3	0.85	0.74	0.65	0.58	0.82	0.71	0.63	0.48	0.67	0.6	0.54	0.62	0.57	0.52	0.58	0.54	0.5	0.47
4	0.78	0.65	0.56	0.49	0.74	0.63	0.54	0.41	0.59	0.52	0.46	0.55	0.49	0.44	0.52	0.47	0.42	0.4
5	0.71	0.58	0.49	0.42	0.68	0.56	0.47	0.36	0.53	0.45	0.39	0.49	0.43	0.38	0.46	0.41	0.36	0.34
6	0.66	0.52	0.43	0.36	0.63	0.5	0.42	0.31	0.47	0.4	0.34	0.45	0.38	0.33	0.42	0.36	0.32	0.3
7	0.61	0.47	0.38	0.32	0.58	0.46	0.37	0.28	0.43	0.36	0.3	0.41	0.34	0.29	0.38	0.33	0.28	0.26
8	0.57	0.43	0.34	0.28	0.54	0.42	0.33	0.25	0.39	0.32	0.27	0.37	0.31	0.26	0.35	0.3	0.25	0.23
9	0.53	0.39	0.31	0.25	0.51	0.38	0.3	0.22	0.36	0.29	0.24	0.34	0.28	0.23	0.33	0.27	0.23	0.21
10	0.49	0.36	0.28	0.23	0.48	0.35	0.28	0.2	0.33	0.27	0.22	0.32	0.26	0.21	0.3	0.25	0.21	0.19

Dimensions



Unit: inch/mm

Installation instruction:

Figure 1

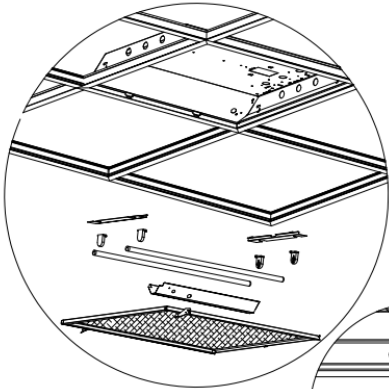


Figure 2

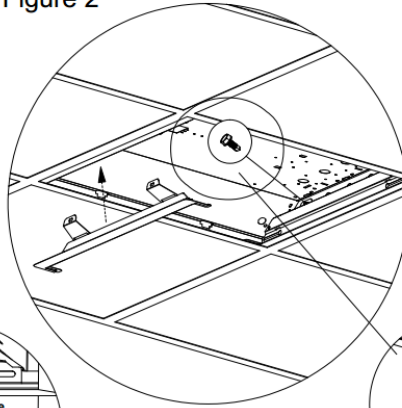


Figure 3

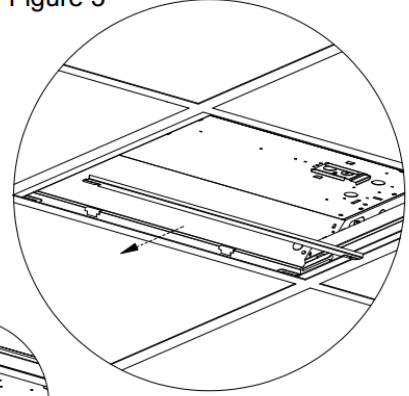


Figure 4

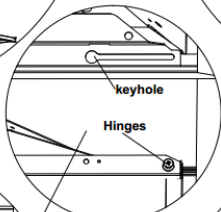
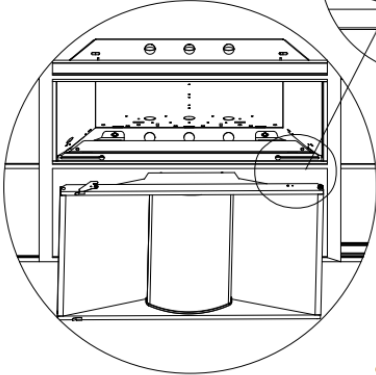
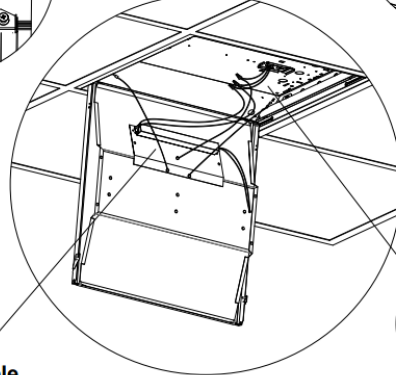


Figure 5



Safety cable

Figure 6

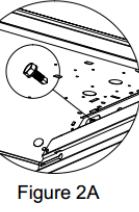
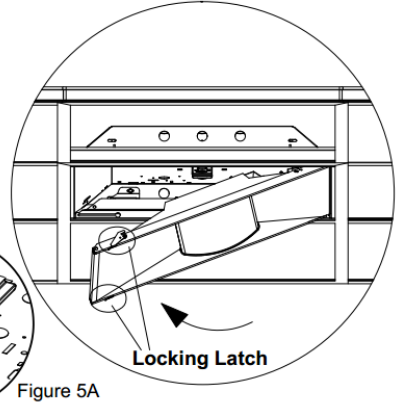


Figure 2A

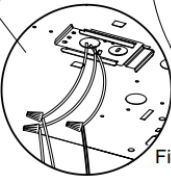


Figure 5A

Locking Latch

Prior to installation, disconnect all incoming power to fixture. Remove existing hardware (lens/lens frame, parabolic louver, reflectors/ballast covers, brackets, lamps/lamp holders). Leave supply and grounding leads. (Fig.1)

NOTE: Follow all federal and local regulations when disposing of lamps and removed components.

Locking Latch

Install LED panel end brackets to each end of the existing fixture by gently lifting it and placing LED panel end brackets between the fixture and T-grid. (Fig.2)

If you are not pleased with the gap between the fixture and T-grid, you may install LED panel side brackets between the fixture and T-grid, there are two tabs to allow for placing the side brackets into the slot of end brackets. (Fig.3)

Secure the LED panel brackets to the existing fixture using the provided #8x1/2" self-drilling screws. (Fig.2A)

Locate the door assembly body onto the keyholes of end brackets, and then slide the door assembly body horizontally to the end of slots. (Fig.4)

Hook the safety cables into the holes positioned the end brackets.

Use the wire caps to connect the wire leads of the troffer kits to the main power leads.

(Black-Live, White-Neutral, Green-Grounding) (Fig.5 & Fig.5A)

Secure the door assembly body by lock the latches riveted on each end of the assembled door frame. (Fig.6)