

CLRKT

LED TROFFER RETROFIT KIT



The **CLRKT** Series is a led Troffer Retrofit Kit designed to modify existing fixtures to higher efficiency LED options. It is designed to save time and energy to upgrade fixtures rather than replacing them. The CLRKT Series of Troffer Retrofit Kits were designed to be high quality, energy efficient LED fixtures for use in commercial applications, offices, government facilities, schools, and public areas.

CONSTRUCTION: The fixture is constructed of aluminum components. Designed to retrofit into any existing 1x1, 1x4, 2x2, or 2x4 troffer.

OPTICAL SYSTEM: White polyester polymer finish with a minimum 93% reflectivity.

ELECTRICAL SYSTEM: 120/277V applications, 0-10v dimming standard. Long-life LED system rated for >100K life hours (L70 @ 25°C). Metal gear tray for internal LED driver. Complies with federal energy efficiency standards.

MOUNTING: The fixture can be retrofit into a existing fluorescent troffers. Single piece panels with pre-punched mounting holes makes installation simple and quick.

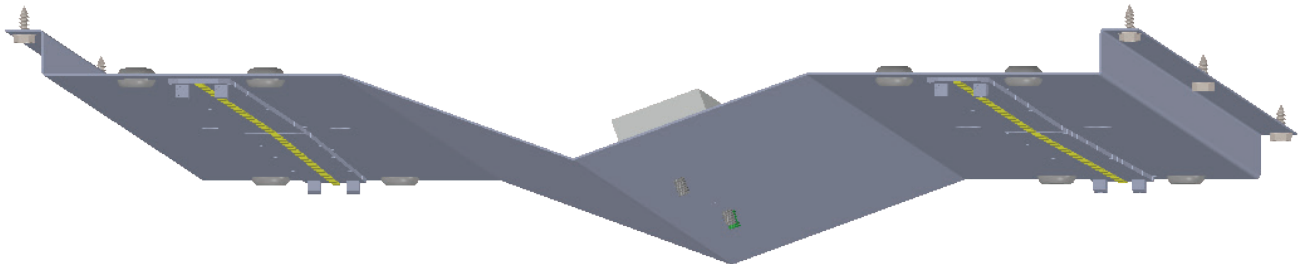
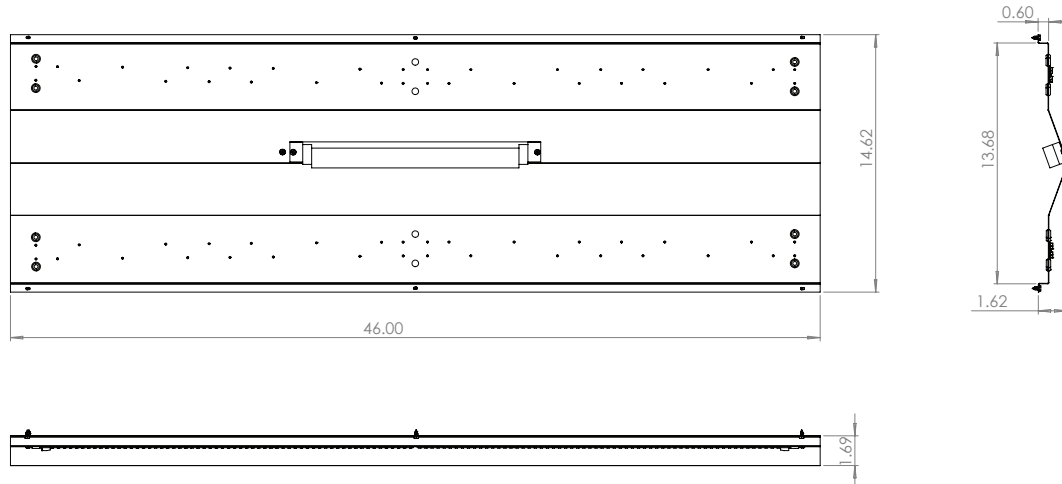
LISTINGS: Independantly tested to IESNA LM-79 and LM-80 specifications. ETL and cETL Listed. Damp location rated.

WARRANTY: 5-Year Limited Warranty. Complete warranty and terms located at www.aelnow.com/warranty

Ordering Example: CLRKT-22-40-11L-W-M

SERIES	SIZE	CCT	OUTPUT	REFLECTOR	VOLTAGE	OPTIONS
CLRKT	11 1x1 14 1x4 22 2x2 24 2x4	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K G GREEN LED R RED LED B BLUE LED A AMBER LED	1L 1000 Lumens (very low) 2L 2000 Lumens (low) 4L 4000 Lumens (Standard Low) 7L 7000 Lumens (Medium Low) 11L 11000 Lumens (High Low) 12L 12000 Lumens (Standard Medium) 13L 13000 Lumens (Medium Medium) 15L 15000 Lumens (High Medium) 17L 17000 Lumens (High) 20L 20000 Lumens (Medium High) 25L 25000 Lumens (High High) XX Custom Lumens	W White	M Multi-Volt (120-277V)	12EBL 1200 Lumen Emergency Driver OCC Internal Occupancy Sensor

DIMENSIONS



ENERGY AND PERFORMANCE DATA

INPUT VOLTAGE:	120/277VAC
SYSTEM INPUT POWER:	25.0 - 156.3 WATTS*
DELIVERED LUMEN OUTPUT:	4000 - 25000 LUMENS
STANDARD DIMMING CONTROL:	0-10V
CCT:	3000, 3500, 4000, 5000 KELVIN
CRI:	80 (MINIMUM)
LIFE TIME RATING:	>100,000 HRS @ L70
INPUT FREQUENCY:	50/60 HZ
POWER FACTOR:	>0.9
OPERATING TEMP:	-30° TO 50° C

APPROXIMATE COLOR TEMPERATURE MULTIPLIER

5000K	X	1.03
4000K	X	1
3500K	X	.97
3000K	X	.94
2700K	X	.91

OUTPUT	DELIVERED LUMENS	WATTS	L70 @20C (HRS)
4L	4000 LUMENS	25.0	>100K
7L	7000 LUMENS	43.8	>100K
11L	11000 LUMENS	68.8	>100K
12L	12000 LUMENS	75.0	>100K
13L	13000 LUMENS	81.3	>100K
15L	15000 LUMENS	93.8	>100K
16L	16000 LUMENS	100.0	>100K
20L	20000 LUMENS	125.0	>100K
25L	25000 LUMENS	156.3	>100K

*ACTUAL WATTAGE MAY DIFFER BY ±5% WHILE OPERATING 120/277V ±10%

INSTALLATION INSTRUCTIONS



STEP 1) Remove troffer to be retrofitted's doorframe/lens assembly

STEP 2) Remove fixture components (such as internal reflector/sockets/ballast)

STEP 2) Place LRKT retrofit kit into housing, and make electrical connections (ensure to make ground connection).

STEP 4) Using (6) of the included 6 x 3/8" self-tapping screws, zip retrofit kit into the housing. Ensure that it is properly secured.

STEP 5) Replace troffer doorframe/lens assembly