

Catalog Number
Project
Type

LRKT

LED Troffer Retrofit Kit



STANDARD

OPTIONAL



PRODUCT SPECIFICATIONS

DESCRIPTION

The LRKT 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.

APPLICATIONS

The LRKT 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 2x2 or 2x4 troffer.

OPTICAL SYSTEM

White polyester polymer finish with a minimum 93% reflectivity.

ELECTRICAL SYSTEM

Electronic drivers are available for 120/277V applications. 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 troffer mounted in either a standard grid ceiling. Single piece panels with pre-punched mounting holes makes installation simple and quick.

LISTINGS

Independantly tested to IESNA LM-79 and LM-80 specifications. UL and cUL Listed. Damp location rated.

WARRANTY

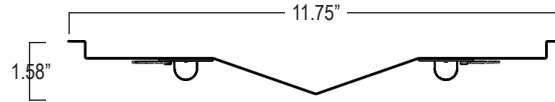
5-Year Limited Warranty. Complete warranty and terms located at www.aelnow.com/warranty.

ORDERING INFORMATION

Example: LRKT450HWM

Series	Color Temp	Output	Reflector	Voltage	Options
LRKT2 2 X 2 LRKT4 2 X 4	35 3500K 40 4000K 50 5000K	SL Standard Low ML Medium Low HL High Low SM Standard Medium MM Medium Medium HM High Medium SH Standard High MH Medium High HH High High	W White	M Multi-Volt (120-277VAC)	12EBL 1200 Lumen Emergency Ballast

FIXTURE DIMENSIONS



ENERGY AND PERFORMANCE DATA

Input Voltage	120/277VAC
System Input Power	33 - 179 Watts*
Delivered Lumen Output	4650 - 25000 Lumens
Standard Dimming Control	0-10V
CCT	3000, 3500, 4000, 5000 Kelvin
CRI	82 (minimum)
Life Time Rating	100,000 hrs @ L70
Input Frequency	50/60 Hz
Power Factor	>0.9
Operating Temp	30° to 50° C

*Actual wattage may differ by ±5% while operating 120/277V ±10%

Output	Delivered Lumens	System Wattage	L70 @20C (hrs)
SL	4650	33	>100K
ML	7974	57	>100K
HL	11150	80	>100K
SM	12040	86	>100K
MM	13016	93	>100K
HM	15728	112	>100K
SH	16500	118	>100K
MH	20000	143	>100K
HH	25000	179	>100K

Approximate Color Temperature Multiplier	
5000K	1.03
4000K	1
3500K	0.97
3000K	0.94
2700K	0.91