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Project Name
Model Number
Fixture Type
Notes

**PRODUCT IDENTIFICATION**

Product Model: RKT series LED Retrofit Kit

Product Description: LED Linear fluorescent retrofit kit, w/magnetic LED strips and driver

Product Applications: Retrofit 2' x 2', 1' x 4', and 2' x 4' "troffers" and 4' and 8' linear fluorescent fixtures

**PRODUCT SPECIFICATIONS**

Voltage: 90-277v, 50- 60 Hz

Power Factor: up to .998

Power Supplied: Quick-connect, remote driver

Mounting method: Magnetic, quick-connect

Luminous Efficiency: >150 lm/w LED module, 125-142 lm/w Luminaire

CCT: 3000, 3500, 4000, 5000K \*

CRI (Ra): 83 nominal, up to 95 CRI available

LM70 Lifespan: DLC >50,000, TM21 >196,000, Extrapolated Data >300,000

Model Number	Nominal Power	LED Strips Qty & Size	Retrofit Lumens**	Fits Fixture	Mounting	Qualification
RKT1418M-XX	20W	1/2 x 42"	2855	1' x 4' Troffer/Strip	Magnetic/Screw	UL 1598C/DLC Prem.
RKT2415M-XX	30W	2 X 42"	4348	2' X 4' Troffer/Strip	Magnetic/Screw	UL 1598C/DLC Prem.
RKT2418M-XX	40W	2 x 42"	5459	2' x 4' Troffer/Strip	Magnetic/Screw	UL 1598C/DLC Prem.
RKT3415M-XX	30W	3 x 42"	3876	2' x 4' Troffer/Strip	Magnetic/Screw	UL 1598C/DLC Std.
RKT3418M-XX	40W	3 x 42"	5201	2' x 4' Troffer/Strip	Magnetic/Screw	UL 1598C/DLC Prem.
RKT3424M-XX	50W	3 X 42"	6144	2' x 4' Troffer/Strip	Magnetic/Screw	UL 1598C/DLC Std.
RKT1209M-XX	10W	1 x 21"	1300	1' x 2' Troffer/Strip	Magnetic/Screw	UL 1598C only, No DLC
RKT2209M-XX	20W	2 x 21"	2284	2' x 2' Troffer/Strip	Magnetic/Screw	UL 1598C/DLC Std.
RKT3209M-XX	20W	3 X 21"	2422	2' X 2' Troffer/Strip	Magnetic/Screw	UL 1598C/DLC Std.
RKT3210M-XX	30W	3 x 21"	3458	2' X 2' Troffer/Strip	Magnetic/Screw	UL 1598C/DLC Std.

*The LED strips and the driver are magnetic backed, with screw mount option. They attach themselves to the troffer/striplight body in seconds and become a physical and thermal part of the fixture, truly making the fixture an LED luminaire. The entire body of the luminaire becomes the heat sink for the strips, making them operate at extremely cool operating temps of 36C-42C, which dramatically extends their lifespan and efficiency. When you consider efficiency, ease of install, incredible performance and extremely low cost, the RKT series retrofit kits are head and shoulders above the competition in every way. Available in 2' x 4", 1' x 4', and 2' x 2' variants.*

\* XX in model number denotes CCT, ie: RKT2418M-40 = 4000K, RKT2418M-50 = 5000K, etc.

\*\* All testing was performed by UL Verification Services Inc. according to DLC requirements in a Linear Ambient "Reference Luminaire". Led package outside of test luminaire produces approx.150 lm/w



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## Statement of Warranty by Optilumen Inc.

### Product(s): All RKT Series Linear LED Retrofit Kits

This product is warranted against failure due to defects in materials or workmanship for a period of 10 years from the beginning date of service, provided that the conditions of installation and operation have been proper and in accordance with industry standards.

At the sole discretion of Optilumen Inc., any product proven to be defective within the warranty period will be repaired or replaced. Warranty is valid with proof of purchase from an authorized Optilumen Inc. dealer, and warranty is limited to the original buyer only. Optilumen Inc. warranty program does not cover cosmetic damage, nor to damage due to acts of God, accident, misuse, abuse or negligence to the product.

Repair or replacement as provided under this warranty is the exclusive remedy of the consumer. Optilumen Inc. shall not be liable for any incidental or consequential damage for breach of any express or implied warranty on this product. Except to the extent provided by this warranty or prohibited by applicable law, there are no implied nor expressed warranties or merchantability or fitness for a particular purpose of this product.

Warranty will be void if the fixture or any part of it was altered or modified in any way from original design by Optilumen Inc.

The Warranty does not cover labor reimbursements.

The Warranty does not cover less than 25% LED outage per strip.

The Warranty does not cover failures due to abnormal conditions. These abnormal conditions include, but are not limited to, under/over voltage, under/over current, excessive switching and excessive ambient temperatures as defined in the product datasheet.

Optilumen Inc. reserves the right to examine all products and/or any associated component to determine the cause of failure and pattern of usage. Optilumen Inc. reserves the right to be the sole judge as to whether any items and components are defective and or covered under this warranty.