

Category: ECS
**Energy
Conservation
Series**

Prefix:
EFK

Retrofit Series (Name):
Easy-Fit Retrofit Kit



Innovative Lighting Ideas
Energy Efficient Solutions



Easy-Fit Retrofit Kit Series

GENERAL DESCRIPTION

The Easy-Fit Retrofit Kit (EFK) Series has been developed to retrofit existing recessed T-Bar grid troffers. This series utilizes computer designed reflector technology for optimal fixture efficiency, reduction of energy consumption and improved quality of light. It also provides ease of installation for the installing contractor.

Typical applications for this type of product are interior spaces where finished T-Bar grid ceilings exist. Applications include:

- Commercial / Corporate Office Spaces
- Hospitals, Government Facilities and Military Bases
- Retail Spaces, Schools, Colleges and Universities
- All General Illumination Indoor Applications

DESIGN FEATURES / SPECIFICATIONS

CONSTRUCTION

- Brackets are precision die formed from 22 ga. cold rolled steel.
- Brackets can accommodate 2 lamp or 3 lamp T8.
- Finish to be pre-painted gloss white polyester powder coat enamel.

REFLECTOR

- Precision die formed optics which has been designed for maximum efficiency and photometric properties using the latest CAD software.
- Choice of optics includes focused, normal and spread beam distribution. Consult factory for custom optics design and spacing criteria options.
- Choice of materials include:
 - Alanod Miro4® Enhanced Specular Aluminum, 95% total reflectance, 25 year warranty.
 - Enhanced Specular Aluminum, 92% total (min.) reflectance, 25 year warranty.
 - High Reflectance White Powder Coated Aluminum, 91% total reflectance, 10 year warranty.
 - Polished Aluminum, 87% total (min.) reflectance, 25 year warranty.
 - Consult factory for availability of all other material choices.

LAMP HOLDERS

- Vossloh-Schwabe® premium type featuring:
 - Anti-vibration internal lamp locking design
 - High temperature resistant ("T" marking).
 - Heat and UV blocking shield to prevent degradation of material.
- Multi-point contact design for optimum lamp pin contact.
- Produced in accordance with DIN ISO 9001 and IEC standards.

BALLASTS (by others unless specified)

- All standard ballasts are electronic, energy saving, thermally protected, Class-P, non-PCB, Sound Rated "A", 0 degree (Type 1 Outdoor).
- UL/CSA certified, where applicable. Compliant with Federal Ballast Law (Public Law 100-357, 1988).
- Choice of ballast factors. L=Low, N=Normal, H=High.
- Choice of dedicated, universal or special voltage - Consult factory for available options.
- Warranted by ballast manufacturer. Typical ballast warranty is for 5 years (120-277v) and 3-years (347-480v). Consult factory for latest warranty information.

LAMPS (by others unless specified)

- Lamp type, CRI ratings, temperature colors, lamp life ratings are all viable options which can be supplied - Consult factory for information.

ELECTRICAL

- Retrofit Kit components are UL Listed.
- Product includes luminaire disconnect as specified in NEC 410.73(G), 2005 Edition, and CEC part I, rule 30-308(4), 2006 Edition.

QUALITY CONTROL

- All retrofit kits are designed and fabricated at RENOVA's manufacturing facility.

GUARANTEE

- RENOVA warrants all Retrofit Kits to be free of defects in manufacturing and workmanship for a period of (1) year from date of purchase. This warranty excludes damage of any kind resulting from improper installation, misuse, abuse, accidents, mis-application, or natural disasters. Please refer to the "Terms and Conditions" section of the RENOVA website for additional information.



Recessed Troffer with Retrofit Kit shown

Note: RENOVA products are constantly being improved; therefore, the information shown is subject to change without notice. Always consult your lighting representative or RENOVA Lighting Systems, Inc. for the latest information.

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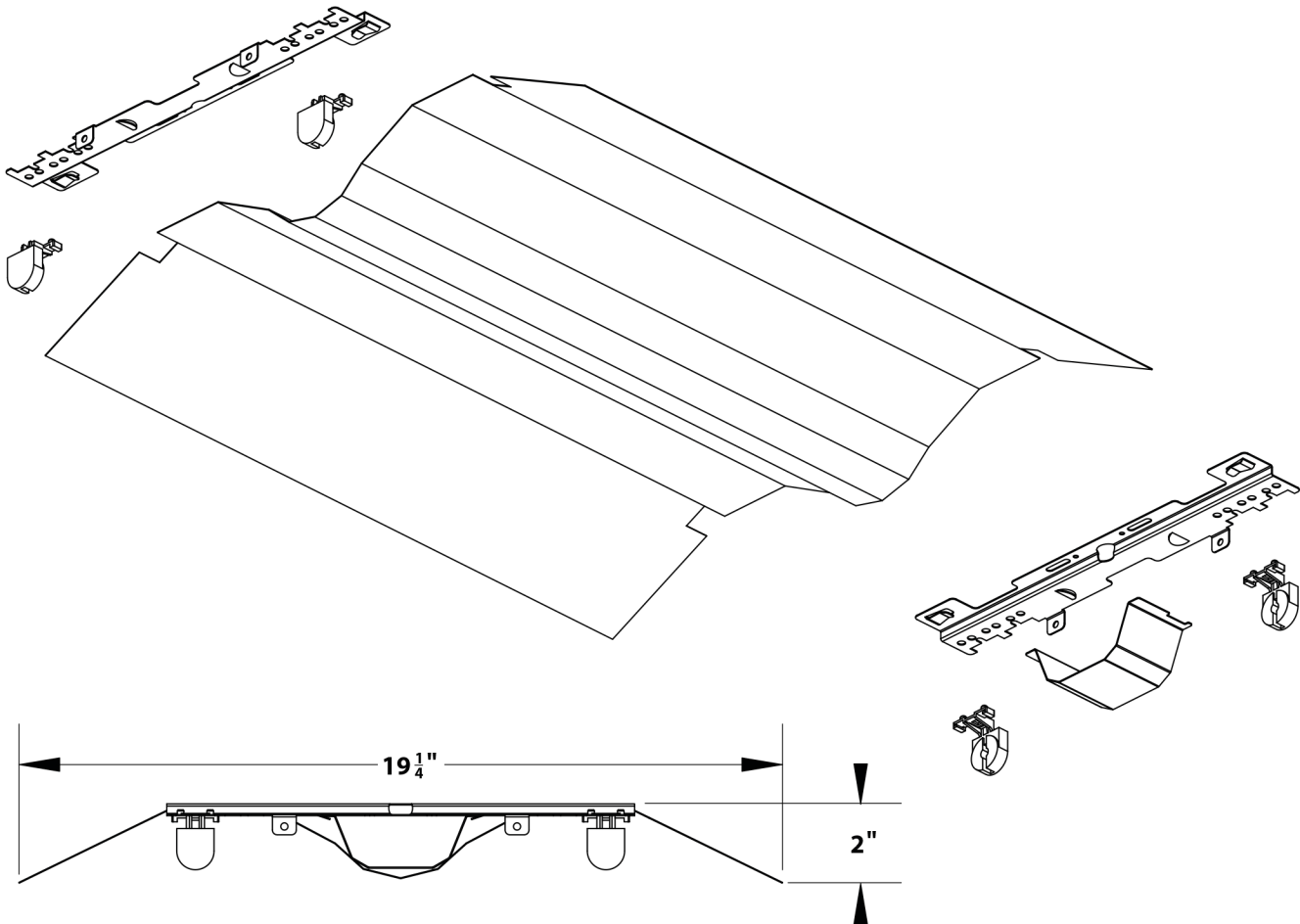
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2-Lamp T8 Easy-Fit Retrofit Kit Shown



ORDERING GUIDE

SERIES	SIZE	REFLECTOR MATERIAL	NUMBER OF LAMPS	LAMP TYPE	LAMPHOLDER TYPE	OPTIONS
EFK						
EFK - PRISMATIC TROFFER RETROFIT KIT	14 - 1x4 22 - 2x2 24 - 2x4	M - MRO4 (95% TR) W - WHITE (91% TR)	1 - 1L 2 - 2L 3 - 3L		V - Vossloh	

Photometric data, IES files and all other information is available upon request.

***ADDITIONAL OPTIONS**
(See "Options" sheet for all available options)

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