

PROJECT INFORMATION

Project Name _____

Type _____

Catalog No. _____

Date _____

FEATURES

- Retrofit package to upgrade existing 4' or 8' striplights to energy-efficient fixtures using the latest T8 or T5HO technology
- Kit maximizes fixture efficiency and provides uniform light distribution
- Kits are shipped completely pre-wired and install with simple hand tools
- Standard kits include: channel cover, pre-wired ballast and sockets, safety cables, and optional bulk lamps
- Designed to fit most existing channel widths from 4" to 5 3/8"
- Kit attaches to existing socket brackets to reduce waste
- Includes dual safety cables for one person installation and secure attachment to existing channel
- Energy savings up to 50% compared to 2-lamp T12HO magnetic systems, while maintaining existing light levels.

CHANNEL COVER

White aluminum 0.032" with 91% reflectivity, designed to fit channels widths from 4" to 5 3/8"

CERTIFICATION

UL 1598B Listed as luminaire conversion, retrofit.

ELECTRICAL

Ballasts are energy efficient, thermally protected, automatic resetting, Class P, high power factor, sound rated A, electronic ballasts. Lamps are secured with rotary locking lamp sockets for ease of relamping and to reduce lamps disconnecting due to vibration or incidental contact. Ballast disconnect standard on all ballast supplied kits.

ORDERING INFORMATION

EXAMPLE RKS8-232-4EU

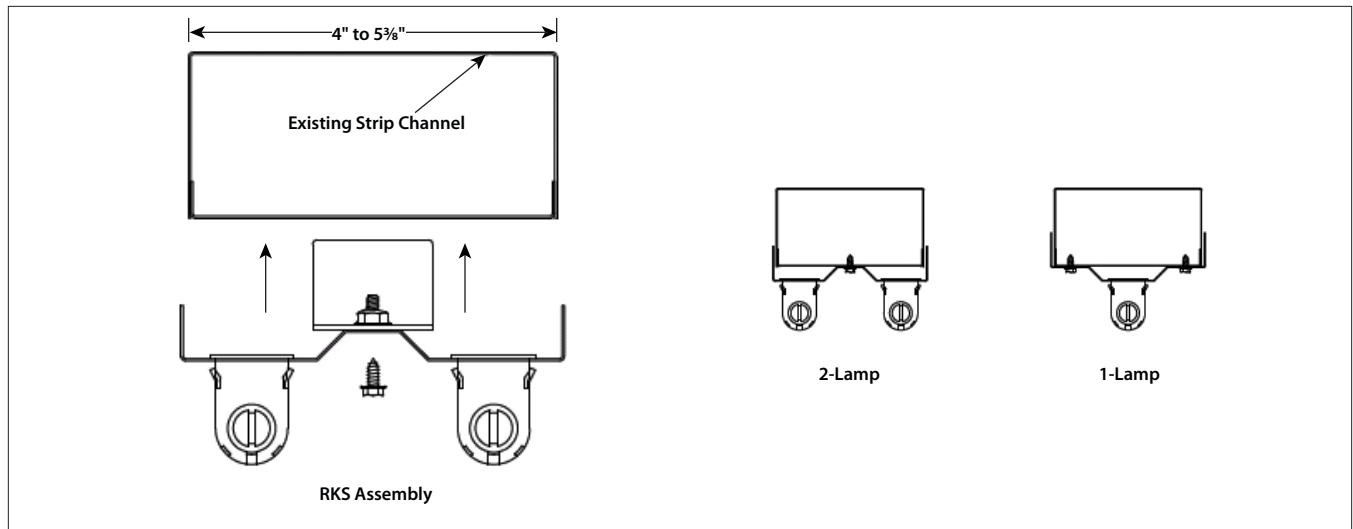
| RKS | | - | - | - | U | - |
|---------------------------------------|---|-------------------------------|--|---|-------------|--|
| MODEL | SIZE | NO. OF LAMPS IN CROSS SECTION | LAMP TYPE | BALLAST | VOLTAGE | OPTIONS |
| RKS Retrofit Kit Strip Type Fixtures | 4 4' 8 8' | 1 One 2 Two | 32 4', T8: 32, 30, 28, 25 Watt 54 4', T5HO: 54 or 51 Watt | ELW 1 or 2-Lamp, Electronic T8, Instant Start, 0.77 Ballast Factor E 1 or 2-Lamp, Electronic T8, Instant Start, 0.88 Ballast Factor EHL 1 or 2-Lamp, Electronic T8, Instant Start, 1.18 Ballast Factor ESD 1 or 2-Lamp, Electronic T8, Step Dimming, Programmed Start, 0.88 Ballast Factor EP 1 or 2-Lamp, Electronic T8, Programmed Start, 0.88 Ballast Factor or Electronic T5HO, 1.0 Ballast Factor 4ELW 4-Lamp, Electronic T8, Instant Start, 0.77 Ballast Factor 4E 4-Lamp, Electronic T8, Instant Start, 0.88 Ballast Factor 4EHL 4-Lamp, Electronic T8, Instant Start, 1.18 Ballast Factor 4EP 4-Lamp, Electronic T8, Programmed Start, 0.88 Ballast Factor or Electronic T5HO, 1.0 Ballast Factor Blank No Ballast Supplied (Please specify socket type under options) | U 120V-277V | (Required when no ballast is supplied) IS8 Instant Start T8 Sockets PS8 Programmed Start T8 Sockets PSS Programmed Start T5 Sockets |
| ACCESSORIES (ORDER SEPARATELY) | | | | | | |
| RKF32T8830 | T8 32 Watt Lamps, F0830, 85CRI, 3000K, order in case quantity only (25) | | | | | |
| RKF32T8835 | T8 32 Watt Lamps, F0835, 85CRI, 3500K, order in case quantity only (25) | | | | | |
| RKF32T8841 | T8 32 Watt Lamps, F0841, 85CRI, 4100K, order in case quantity only (25) | | | | | |
| RKF54T5835 | T5HO 54 Watt Lamps, F5835, 85CRI, 3500K, order in case quantity only (40) | | | | | |
| RKF54T5841 | T5HO 54 Watt Lamps, F5841, 85CRI, 4100K, order in case quantity only (40) | | | | | |

ENERGY AND OPTICAL PERFORMANCE DATA

| 8' Existing System | | | | | | | | | |
|-------------------------------|--------------|----------|----------------------|----------------------------|----------------|------------------------------|-------------|---------------------------|--------------|
| Existing Lamp/ Ballast System | Lamp Type | Quantity | Mean Lumens Per Lamp | Typical Fixture Efficiency | Ballast Factor | Delivered Lumens Per Fixture | Input Watts | Delivered Lumens Per Watt | Annual Cost* |
| 1L96-T12 Mag | F96/T12/ES | 1 | 4750 | 85.2% | 0.88 | 3,561 | 76 | 47 | \$38.00 |
| 2L96-T12 Mag | F96/T12/ES | 2 | 4750 | 85.2% | 0.88 | 7,123 | 126 | 57 | \$63.00 |
| 1L96-T12HO Mag | F96/T12HO/ES | 1 | 6950 | 85.2% | 0.95 | 5,625 | 125 | 45 | \$62.50 |
| 2L96-T12HO Mag | F96/T12HO/ES | 2 | 6950 | 85.2% | 0.89 | 10,540 | 210 | 50 | \$105.00 |
| 8' Retrofit Options | | | | | | | | | |
| Proposed Lamp/Ballast System | Lamp Type | Quantity | Mean Lumens Per Lamp | Typical Fixture Efficiency | Ballast Factor | Delivered Lumens Per Fixture | Input Watts | Delivered Lumens Per Watt | Annual Cost* |
| 2L32-T8 ELWU | F32T8/841 | 2 | 2800 | 96.0% | 0.77 | 4,140 | 48 | 86 | \$24.00 |
| 4L32-T8 ELWU | F32T8/841 | 4 | 2800 | 96.0% | 0.77 | 8,279 | 96 | 86 | \$48.00 |
| 2L32-T8 EU | F32T8/841 | 2 | 2800 | 96.0% | 0.87 | 4,677 | 53 | 88 | \$26.50 |
| 4L32-T8 EU | F32T8/841 | 4 | 2800 | 96.0% | 0.87 | 9,354 | 107 | 87 | \$53.50 |
| 2L32-T8 EHLU | F32T8/841 | 2 | 2800 | 96.0% | 1.15 | 6,182 | 73 | 85 | \$36.50 |
| 4L32-T8 EHLU | F32T8/841 | 4 | 2800 | 96.0% | 1.15 | 12,365 | 147 | 84 | \$73.50 |
| 2L54-T5HO EPU | F54/T5HO/841 | 2 | 4300 | 99.7% | 1 | 8,574 | 117 | 73 | \$58.50 |
| 4L54-T5HO EPU | F54/T5HO/841 | 4 | 4300 | 99.7% | 1 | 17,148 | 234 | 73 | \$117.00 |

*Based on \$0.10/KWH and 5,000 operating hours per year

DIMENSIONAL DATA



NOTE: All dimensions are in inches; dimensions and specifications are subject to change without notice. Please consult factory or check sample for verification.