

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

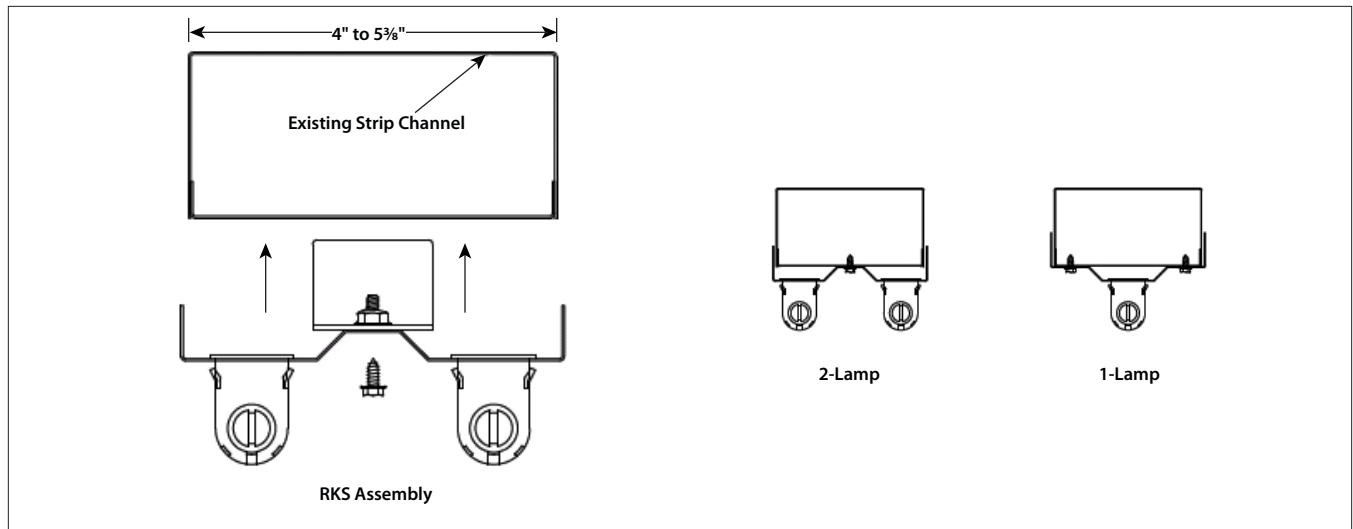
RKS		-	-	-	U	-
MODEL	SIZE	NO. OF LAMPS IN CROSS SECTION	LAMP TYPE	BALLAST	VOLTAGE	OPTIONS
RKS Retrofit Kit Strip Type Fixtures	4 4' 8 8'	1 One 2 Two	32 4', T8: 32, 30, 28, 25 Watt 54 4', T5HO: 54 or 51 Watt	ELW 1 or 2-Lamp, Electronic T8, Instant Start, 0.77 Ballast Factor E 1 or 2-Lamp, Electronic T8, 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.