

Project	
Notes	
Type	Date
Cat. No.	

RKLS™ Series

Linear Magnetic Module Retrofit Kit

DESCRIPTION

The Aleo RKLS Series Magnetic Module Retrofit Kit is the ultimate retrofit kit for energy-savings in myriad of commercial applications. The RKLS offers extreme versatility and flexibility with the ability to be fit inside various existing linear luminaires. The magnetic design allows for easy and convenient installation. Removeable lens allows for increased light output for fixtures with existing lens. Field Adjustable lumen output increases flexibility. Easy replacement and maintenance with external driver.

APPLICATIONS

Retrofit of commercial, retail, education, hospitality, corporate. Ideal upgrade for prismatic troffers, parabolic troffers, strips/channels, wraparounds, vapor tights.

Specification Features

Construction

Precision extruded aluminum heat sink with integral LED and magnetic mounting. Seamless design with metal end and optical lens.

Optical System

Lens delivers balanced, comfortable illuminance. Optimal glare control. For higher efficacy and lumen output, lens is removable.

Certification

ETL Listed.

Warranty

7-year Limited Warranty. See warranty documentation for more information.

Electrical

External LED Driver for easy driver and module replacement. Universal voltage: 120V-277V input. 0-10V dimming. 12V Aux power with dim-to-off feature.

Installation / Mounting

Quick and easy installation. Modules are magnetic for fast mounting and alignment. Comes with quick connector for sensor installation. LED driver matches standard ballast mounting pattern.

Controls / Dimming

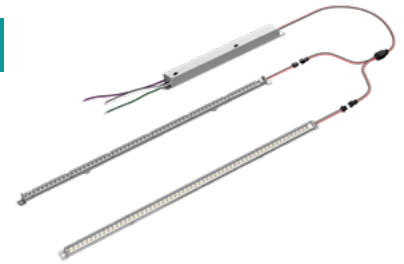
Continuous dimming (0-10V) comes standard. Can be used with dimmer and sensor controls

Retrofit Kit Contents

(1) LED Driver, (2) Magnetic Modules, Quick Connect, Retrofit Label.

Field-Adjustable CCT / Wattage

Increased versatility and reduced inventory burden. Wattage and Color Temp. can be adjusted in the field by selecting (3) different wattages and (3) different CCTs via switch on driver.



RKLS Series

(2) Modules
20W / 24W / 30W / 40W

Rated Life 75,000 hours
Limited Warranty 7-years
Efficacy up to 130 lm/W
0-10V Continuous Dimming



Quick Ship

RKLS-2-22UXL/8CT G2 (SR)
RKLS-2-44UXL/8CT G2 (SR)

Ordering Information

Example: RKLS-2-44UXL/8CT G2 (SR)

RKLS	2	44	UXL	8	CT	[Blank]	(SR)
Series RKLS Magnetic Module Retrofit Kit	No. Of Modules 2 - (2) Modules	Module Length 44 44" (Nom.) length 22 22" (Nom.) length	Lumen Package UXL Field Adjustable 44" 24W/30W/40W 22" 12W/15W/20W	CRI 8 80+	Color Temp CT 3500K 4000K 5000K	Input Voltage Blank 120V-277V	Controls (SR) Sensor Ready
					* Utilize 3-way switch to select		

Specifications and Dimensions subject to change without notice.

Performance Summary

Input Voltage	120V-277V
Input Frequency	50/60 Hz
Rated Wattage	See Performance Table
Delivered Lumens	See Performance Table
Efficacy	> 130 LPW (typ.)
CRI	80+
Available CCT	3500K/4000K/5000K
Rated Life	75,000 hrs.
L70	160,000 hrs.
Power Factor	> 0.9
THD	< 20%
Dimming	0-10V Continuous
Operating Temp.	-20C to 45C

Driver Specifications

Input Voltage	120V-277V
Frequency Range (Hz)	50/60 Hz
Power Factor (Min.)	0.9 @ full load
THD (Max.)	20%
AC Current (Max.)	1.05A
Inrush Current (Max.)	50A
Output voltage (V) per Channel	30-42V
Rated Power Max (System)	30/40W

Performance Data

Form Factor	Catalog No.	Nominal Wattage	Color Temperature	Lumens (lm)	Wattage (W)	Efficacy (lm/W)
22"	RKLS-2-22UXL/8CT G2 (SR)	12	3500K	1,699	12.3	138.1
			4000K	1,801	11.8	152.6
			5000K	1,742	12.2	142.8
		15	3500K	2,092	15.3	136.7
			4000K	2,236	14.8	151.1
			5000K	2,163	15.3	141.4
		20	3500K	2,762	20.4	135.4
			4000K	2,947	19.7	149.6
			5000K	2,856	20.4	140.0
44"	RKLS-2-44UXL/8CT G2 (SR)	24	3500K	3,204	24.0	133.5
			4000K	3,408	23.5	145.0
			5000K	3,312	24.0	138.0
		30	3500K	3,966	30.0	132.2
			4000K	4,222	29.4	143.6
			5000K	4,101	30.0	136.7
		40	3500K	5,223	39.9	130.9
			4000K	5,574	39.2	142.2
			5000K	5,398	39.9	135.3

Performance Data is of retrofit kit without optional lens accessory, includes installation into existing luminaire

Product Dimensions

