RKLN Series

LED Linear Retrofit Kit

PacLights

OVERVIEW

The RKLN Series is a LED Linear Retrofit Kit designed to replace 1' x 4', 2' x 2', or 2' x 4' existing recessed troffers in drop-in ceilings. These LED Strips come with a magnetic backing giving the customer an easy installation. The RKLN Series is available in various wattages depending on the number and length of the LED strips.

-Limited Warranty: 5 Years
-Efficacy: 140 LPW
-Lumen Output: 2450 to 7050 LM
-Wattage: 20 - 50 W

APPLICATIONS

The RKLN replaces traditional tubes in a variety of commercial applications, including offices, lobbies, hallways and conference rooms in schools, libraries, airports, showrooms and hospitality environments.

Project:	Type:
Prepared By:	Date:

Major Models

2 Ft. Kits

Model	Strip Qty	Watts	Lens	Lumens (LM)
RKLN22F25	2	25 W	Frosted	2950
RKLN22N20	2	20 W	No Lens	2450

4 Ft. Kits

Model	Strip Qty	Watts	Lens	Lumens (LM)
RKLN44N50	4	50 W	No Lens	6500
RKLN44F50	4	50 W	Frosted	6450
RKLN34F40	3	40 W	Frosted	5200
RKLN24N50	2	50 W	No Lens	7050
RKLN24F36	2	36 W	Frosted	4150
RKLN24N32	2	32 W	No Lens	4500

*Lumen Output based on 5000K Color Temperature. Also available in 3500K,4000K,or 4500K

Technical Specifications

Warranty

Paclights warrants these LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. Please refer to our full warranty.

Qualifications

DLC Qualification:
Selected models of this product are on the Design Lights Consortium (DLC) Qualified Products List and are eligible for rebates from DLC Member Utilities. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/qpl

Qualifications (continued)

ETL Listing
ETL Listed, conforms to UL STD 1598, Certified to CSA STD C22.2 No. 250.0
Suitable for Wet Locations

Construction

Ambient Temperature: Suitable for 50°C (122°F)
Cold Weather Starting: -4 F°/-20° C
Mounting Methods:
Attach to the metal fixture with the magnetic back
Green Technology:
Mercury and UV free, and RoHS compliant. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.
Lens:
Frosted/ No Lens

Electrical

Driver:
Input Voltage: AC100-277V, 60 Hz
Dimmable (optional)
Power Factor : up to 0.998
Operating Temperature: -4° F (-20° C) to 122° F (50° C)
Wattage: Vary

LED Characteristics

LEDs:
Lifespan: 50,000 hour
Color Temp : 3500 K, 4000 K, 4500 K, 5000K
Humidity: 20% - 85% RH, non-condensing
Color Rendering Index (CRI) : 80

Ordering Matrix

Model	Strips Quantity	Length	Lens	*Wattage	Dimming		Color Temperature
RKLN	2	4	F	36	D	–	40
	2	**2** = 2 ft	**F** = Frosted	**20** = 20 W	**[blank]** = Non-dimmable		**35** = 3500 K
	3	**4** = 4 ft	**N** = No Lens	**25** = 25 W	**D** = Dimmable		**40** = 4000 K
	4			**32** = 32 W			**45** = 4500 K
				36 = 36 W			**50** = 5000 K
				40 = 40 W			
				50 = 50 W			

*Not all combinations are available, please refer to full models table.

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Dimensions

No Lens Strips

SEE CHART

.71

.33

Frosted Lens Strips

SEE CHART

.66

.68

Retrofit Examples

Retrofit on 4' Florescent Fixtures

Retrofit on 8' Florescent Fixtures

Retrofit on 2' x 4' Troffer