

LED LIGHT ENGINES

Linkable Linear LED Light Engine /Retrofit Kit



FEATURES:

- Frosted or Clear lens options
- Integral driver-on-board, connects directly to 120VAC
- Dimmable to 10% with standard forward phase cut dimmers
- Low flicker technology
- Integral push-in quick connectors on each end allow linkable end-to-end daisy-chain connections for customizable longer lengths (5.5" max 8pcs, 11.5" max 4pcs)
- Optional magnetic mounting bracket

LISTINGS:

- ENERGY STAR® Certified
- Supports Compliance of JA8-2016-E
- The retrofit kits are ETL Classified for new luminaires designs or field retrofits
- The light engines and accessories are UL recognized components only. The customer is required to include those in the safety certification files for the product it will be used for.

CONSTRUCTION:

- Retrofit kits are ready for field usage and include a steel heat sink, UL 5VA rated plastic isolation barrier and an LED engine with metal core board

EQUIVALENCIES:

- 10LELK5.5BXX = 700-800 lm approx. 60W INC/ 13W CFL
- 18LELK11.5BXX = 1,250-1,350 lm approx. 75W INC/18W CFL

APPLICATIONS:

- Wall mount luminaires
- Surface mount luminaires
- Linear pendants
- Cove and channel lighting
- Troffers

ORDERING STRUCTURE - RETROFIT KIT

WATTAGE & FAMILY	LENGTH	CRI & CCT	LENS
10LELK= 10W Light Engine Linear Kit 18LELK= 18W Light Engine Linear Kit	5.5B= 5.5 Inch 11.5B= 11.5 Inch	927= 90+CRI, 2700K 930= 90+CRI, 3000K	OMIT= (Clear) F= Frosted

ORDERING STRUCTURE - LIGHT ENGINE

WATTAGE & FAMILY	LENGTH	CRI & CCT
10LEL= 10W Linear Light Engine 18LEL= 18W Linear Light Engine	5.5B= 5.5 Inch 11.5B= 11.5 Inch	927= 90+CRI, 2700K 930= 90+CRI, 3000K

SPECIFICATIONS:

		10W 5.5" CLEAR	10W 5.5" FROSTED	18W 11.5" CLEAR	18W 11.5" FROSTED
ITEM	SPECIFICATION	DETAILS			
GENERAL PERFORMANCE	Input Power (W)	10W		18W	
	Lumens Delivered (lm)	800	700	1350	1250
	Efficacy (lm/W)	80	70	75	69
	CRI	≥90			
	Lumen Maintenance (L70)	50,000 hours			
	Color Temperature	2700K-3000K			
ELECTRICAL	Power Factor	≥0.9			
	Input Voltage (V)	120V			
	TC	205.7° F (96.5°C)		189.5° F (87.5° C)	
PHYSICAL	Lens	Clear	Frosted	Clear	Frosted
	Operating Temperature	-4°F to 104°F			
CERTIFICATION	Certification	RU, ETL Classified, RoHS, JA8-2016-E			
	Environment	Dry, Damp			
	Warranty	5 Years			

ORDERING:

ORDER CODE	MODEL	ENERGY STAR ID	LENS	WATTAGE	LUMENS	CCT	MOL" x WIDTH"
RETROFIT KIT							
14099762	10LELK5.5B927	2332687	Clear	10	800	2700K	5.5" x 2.1"
14099766	10LELK5.5B927F	N/A	Frosted	10	700	2700K	5.5" x 2.1"
14099763	10LELK5.5B930	2332688	Clear	10	800	3000K	5.5" x 2.1"
14099767	10LELK5.5B930F	N/A	Frosted	10	700	3000K	5.5" x 2.1"
14099764	18LELK11.5B927	2334885	Clear	18	1350	2700K	11.5" x 2.2"
14099768	18LELK11.5B927F	N/A	Frosted	18	1250	2700K	11.5" x 2.2"
14099765	18LELK11.5B930	2334886	Clear	18	1350	3000K	11.5" x 2.2"
14099769	18LELK11.5B930F	N/A	Frosted	18	1250	3000K	11.5" x 2.2"

ORDER CODE	MODEL	WATTAGE	LUMENS	CCT	MOL X WIDTH
LIGHT ENGINE COMPONENT					
14099755	10LEL5.5B927	10	800	2700	5.5" x 2.1"
14099756	10LEL5.5B930	10	800	3000	5.5" x 2.1"
14099757	18LEL11.5B927	18	1350	2700	11.5" x 2.2"
14099758	18LEL11.5B930	18	1350	3000	11.5" x 2.2"

ACCESSORIES

ORDER CODE	MODEL NUMBER	DESCRIPTION
14099759	LEL5.5BIB	ISOLATION BARRIER FOR 10W 5.5" MODULE
14099760	LEL11.5BIB	ISOLATION BARRIER FOR 18W 11.5" MODULE