

Project		Catalog #		Type	
Prepared by		Notes		Date	



Metalux

Industrial LED Linear Retrofit Kit

LED Linear Bay Retrofit System

Typical Applications

Big Box Retail • Shopping Malls • School Gymnasium • Light Industrial • Warehouse • Manufacturing

Product Certification



Product Features



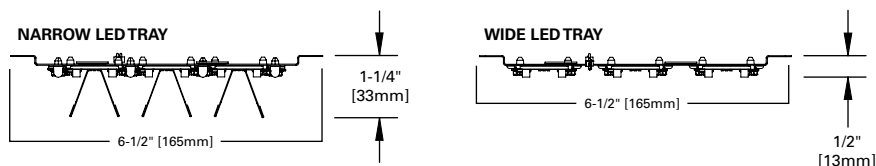
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Top Product Features

- Kit is pre-wired assembly with quick connects that decreases install time
- Retrofit existing Metalux I5 and I8 linear fluorescent luminaires in either 4ft, 8ft or continuous row installations
- Provides the best price-performance combination on the market when compared to new construction installs or traditional lamp/ballast replacements
- Available in narrow or wide distribution
- Options to meet Buy American and other domestic preference requirements

Dimensional and Mounting Details



[additional product diagrams](#)

Order Information

SAMPLE ORDER NUMBER: **4ILEDKIT-LD5-9-W-UNV-L840-CD1-U**

Domestic Preferences ⁽¹⁾	Length	Series	Lamp Type	Lumen Output	Distribution	Voltage	CCT	Driver Type	Number of Drivers	Packaging
[Blank] =Standard BAA =Buy American Act TAA =Trade Agreements Act	4=4 ft. Length ⁽²⁾	ILEDKIT =LED High Bay Kit	LD5 =LED 5.0	4 ft. 5=5,000 Lumens 7=7,000 Lumens 9=9,000 Lumens 11=11,000 Lumens 14=14,000 Lumens 16=16,000 Lumens ⁽³⁾	N =Narrow W =Wide	UNV =Universal 120-277 Voltage UNC =Universal 347/480 Voltage	L835 =3500K L840 =4000K L850 =5000K	CD =0-10V Dimming Driver (standard)	1 =1 Driver 2 =2 Drivers (16,000, 14,000 lumen)	U =Unit Pack
Notes (1) Only product configurations with these designated prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or Trade Agreements Act of 1979 (TAA), respectively. Please refer to DOMESTIC PREFERENCES website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.	(2) Two 4ft kits required for 8ft fixture retrofits.			Notes (3) Max ambient 40C for 16K lumen package.						

Accessories (order separately) ⁽⁵⁾

Door Frames (for Field Installation) ⁽⁴⁾
ILED-4-FRM/FL-PK=4 ft. Frosted Acrylic Lens & Frame
ILED-4-FRM/CL-PK=4 ft. Clear Acrylic Lens & Frame
ILED-4-WG-PK=4 ft. Wireguard
ILED-4-TBW-PK=4 ft. Thin White Baffle
ILED-4-ASY-PK=4 ft. Asymmetric Directional Louver

Notes

(4) 8 ft. fixtures require two door frames per fixture. (5) Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.

Product Specifications

Construction

- Kit assembly consists of three components: LED module, extension bracket (18 only), and driver(s)
- Components are painted after fabrication
- Kits are pre-assembled with quick connects
- Mounting hardware included

Finish

- Electrostatically applied, baked white enamel finish
- Multistage cleaning cycle
- Iron phosphate coating with rust inhibitor

Electrical

- Long-life LED system with electrical driver
- LED's available in 3500K, 4000K, and 5000K with a CRI > 80
- Drivers available for 120-277V, 347V, and 480V applications
- 0-10V dimming standard

Optics

- Available in narrow or wide distribution
- Narrow beam optical module utilize 95% specular aluminum finish.
- Thin blade white baffle
- Clear or frosted white acrylic lens

Compliance

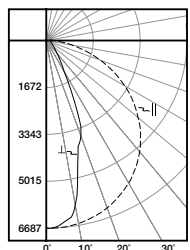
- cULus listed for damp locations
- -20 C to 45 C for ambient environments
- LED modules comply with IESNA LM79-80 testing standards

Warranty

- Five-year limited Warranty

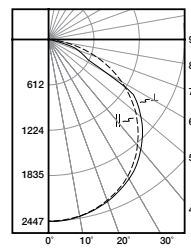
Photometric Data

 [View IES files](#)



4ILEDKIT-7-LD5-N-UNV-L840

Electronic Driver
 Linear LED 4000K
 Spacing criterion: (H) 1.27 x mounting height,
 (L) 0.59 x mounting height
 Lumens: 6555
 Input Watts: 39.5W
 Efficacy: 165.9 lm/W
 Test Report: 4ILEDKIT-7-LD5-N-UNV-L840.IES



4ILEDKIT-LD5-7-W-UNV-L835

Electronic Driver
 Linear LED 3500K
 Spacing criterion: (H) 1.29 x mounting height,
 (L) 1.32 x mounting height
 Lumens: 6994
 Input Watts: 39.5W
 Efficacy: 177.1 lm/W
 Test Report: 4ILED-LD5-7-W-UNV-L835.IES

Energy and Performance Data

Energy and Performance Data by Catalog Number

Catalog Number	Delivered Lumens	Watts	Efficacy (lm/W)
4 ft. Length			
4ILEDKIT-LD5-5-W-UNV-L840-CD1-U	5007	31	160
4ILEDKIT-LD5-7-W-UNV-L840-CD1-U	6996	46	152
4ILEDKIT-LD5-9-W-UNV-L840-CD1-U	9051	60	151
4ILEDKIT-LD5-11-W-UNV-L840-CD1-U	10949	79	139
4ILEDKIT-LD5-14-W-UNV-L840-CD2-U	13962	98	143
4ILEDKIT-LD5-16-W-UNV-L840-CD2-U	16050	113	142

Lumen Maintenance

Ambient Temperature	TM-21 Lumen Maintenance (60,000 hours)	Theoretical L70 (Hours)
25°C	> 86%	171,000

Shipping Data

Catalog No.	Wt.
4ILEDKIT	7 lbs.

Ambient Ratings

Lumen Package	Ambient Rated	Drivers			Lensed	EM
		CD	SD	5LTD		
4ILEDKIT-LD5-5	45°C	45°C	45°C	45°C	45°C	35°C
4ILEDKIT-LD5-7	45°C	45°C	45°C	45°C	45°C	35°C
4ILEDKIT-LD5-9	45°C	45°C	45°C	45°C	45°C	35°C
4ILEDKIT-LD5-11	45°C	45°C	45°C	45°C	45°C	35°C
4ILEDKIT-LD5-14	45°C	45°C	45°C	45°C	45°C	35°C
4ILEDKIT-LD5-16	40°C	40°C	40°C	40°C	40°C	35°C

Energy Data

Catalog No.	Input Watts
4ILEDKIT-LD5-5	33
4ILEDKIT-LD5-7	50
4ILEDKIT-LD5-9	66
4ILEDKIT-LD5-11	84
4ILEDKIT-LD5-14	102
4ILEDKIT-LD5-16	127

Dimensional and Mounting Details

