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

Interactive Menu

- Order Information page 2
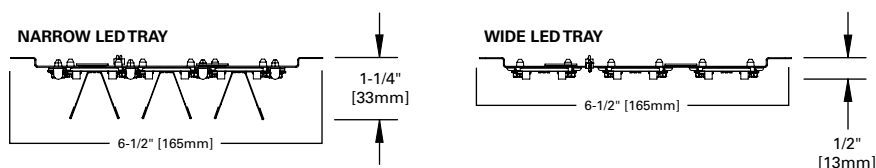- Photometric Data page 2
- Product Warranty

Product Certification

UL CERTIFIED SAFETY   RoHS COMPLIANT   BAA BUY AMERICAN ACT AVAILABLE   SYSTEMS CERTIFIED

Product Features

damp location   LINEAR DISCONNECT Safe and convenient means of disconnecting power   MWS MODULAR WIRING SYSTEM CLICK HERE

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

NARROW LED TRAY

6-1/2" [165mm]

1-1/4" [33mm]

WIDE LED TRAY

6-1/2" [165mm]

1/2" [13mm]

additional product diagrams

COOPER Lighting Solutions

Metalux

Industrial LED Linear Retrofit Kit

Order Information

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

Domestic Preferences	Length	Series	Lamp Type	Lumen Output	Distribution	Voltage	CCT	Driver Type	Number of Drivers	Packaging

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

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 (I8 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
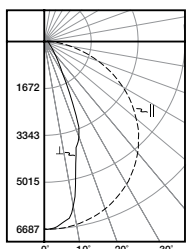- Clear or frosted white acrylic lens

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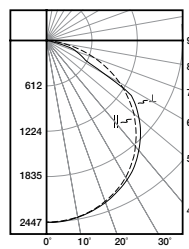- LED modules comply with IESNA LM79-80 testing standards

Warranty
- Five-year Warranty

Photometric Data

View IES files

4ILEDKIT-7-LD5-N-UNV-L835
Electronic Driver
Linear LED 4000K
Spacing criterion: (II) 1.27 x mounting height, (⊥) 0.59 x mounting height
Lumens: 6730
Input Watts: 50.4W
Efficacy: 133.5 lm/W
Test Report: 4ILEDKIT-7-LD5-N-UNV-L835.IES

4ILEDKIT-LD5-7-W-UNV-L840
Electronic Driver
Linear LED 3500K
Spacing criterion: (II) 1.29 x mounting height, (⊥) 1.32 x mounting height
Lumens: 7060
Input Watts: 50.4W
Efficacy: 140.1 lm/W
Test Report: 4ILED-LD5-7-W-UNV-L840.IES

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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 CD	Drivers SD	Drivers 5LTD	Lensed	EM
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

WIDE LED TRAY

6-1/2" [165mm]

46" [1168mm]

NARROW LED TRAY

6-1/2" [165mm]

46" [1168mm]

LED DRIVER

SPACER

#8 HEX WASHER HEAD SCREWS (GOLD)

#8 HEX WASHER HEAD SCREWS

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