

ILED
Industrial LED High Bay

Metalux



EATON

Powering Business Worldwide



Innovation you can rely on™

The **Industrial LED Linear Bay** is the energy efficient solution for both low bay and high bay applications. The Linear Bay has been optimized to provide maximum performance utilizing the latest in LED technology. Several lumen packages and distributions make it suitable for a wide range of applications including “big box” retail, shopping malls, school gymnasiums, light industrial, warehouse and manufacturing.

Construction

- 4ft. and 8ft. specification grade full-body housing
- Low profile, narrow 11" housing
- Available in surface, suspended or continuous row mount
- cULus – Damp Location
- Five-year warranty

Performance

- Multiple lumen packages available:
4ft.: 5,000, 7,000, 9,000, 11,000, 14,000, 16,000
8ft.: 10,000, 14,000, 18,000, 22,000, 28,000, 32,000
- High-performance efficacy up to 139 lm/W
- L86 at > 60,000 hours (at 35°C)
- Three Correlated Color Temperatures (3500K, 4000K and 5000K) at typical 85 CRI
- -20°C - 45°C ambient environments



Shielding Options

Frosted

Clear

Baffle

Open

Options

- Precision optics – Narrow and Wide distribution
- Shielding options include Clear and Frosted lenses, Baffle or Wireguard
- Modular Wiring System for easy install
- Emergency – 7 watt and 14 watt options

Controls

- Includes 0-10V (analog) dimming for control using Eaton wall dimmers, Greengate Room Controllers, occupancy and/or daylight sensors and lighting controls panels.
- Available with native Fifth Light DALI drivers for complete digital energy management using the capable and scalable Fifth Light controllers and software.



Ordering Information

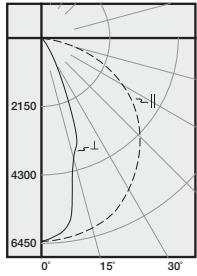
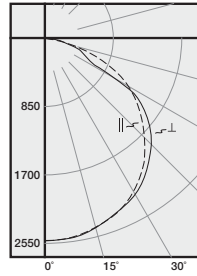
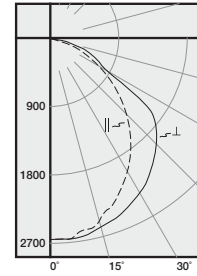


Sample Number: 4ILED-LD4-9-W-FL-UNV-L840-CD1-U

| Length | Series ¹⁰ | Mounting Arrangement | LED Type | LED Lumens Output | | Distribution | Shielding Options |
|---|----------------------|--|--|--|---|--|--|
| 4=4' Length 8=8' Length | ILED=LED High Bay | [Blank]=Stand Alone R=Continuous Row Mount | LD4=LED 4.0 | 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 ^{1,7} | 8 ft. 10=10,000 Lumens 14=14,000 Lumens 18=18,000 Lumens 22=22,000 Lumens 28=28,000 Lumens 32=32,000 Lumens ^{1,7} | N=Narrow ² W=Wide | [Blank]=Open TBW=Thin White Baffle ⁵ FL=Frosted Acrylic Lens & Frame ^{2,5} FL/UPL=Frosted Lens w/Uplight ^{2,5} CL=Clear Acrylic Lens & Door Frame ^{2,5} ASY=Asymmetric Directional Louver ^{2,5} WG=Heavy Duty Wireguard |
| Voltage | | Options | | Driver Type | | Number of Drivers | |
| 120V=120 Volt 277V=277 Volt 347V=347 Volt ⁴ 480V=480 Volt ⁴ UNV=Universal Voltage 120-277 UNC=Universal Voltage 347/480 | | CCT L835=3500K L840=4000K L850=5000K Emergency EL7W=Emergency Installed, 7 Watts ^{3,4} EL14W=Emergency Installed, 14 Watts ^{3,4} GTD2=Bodine Generator Transfer Device ⁸ ETS2=IOTA Emergency Transfer Switch ⁸ | | CD=0-10V Dimming Driver (standard) SD=Step-dim Driver ⁷ 5LTD=Fifth Light (DALI) Driver | | 1=1 Driver 2=2 Drivers (16,000, 18,000 and 22,000 lumen) 4=4 Drivers (28,000 and 32,000 lumen) | |
| Options | | | Packaging | Accessories (order separately) | | | |
| Wiring PI_NG=Plug In System (1, 2, or 3 Circuit Capability), No Ground (ground provided by fixture body) ⁶ PI_WG=Plug In System (1, 2, or 3 Circuit Capability), With Ground (separate ground wire in harness) ⁶ CPI_NG=Crossover Plug In System (2 or 3 Circuit Capability), No Ground (ground provided by fixture body) ⁶ CPI_WG=Crossover Plug In System (2 or 3 Circuit Capability), With Ground (separate ground wire in harness) ⁶ TILW=Tandem Inline Wiring MWS=Modular Wiring System Motion Sensors MS=360° or 180° Motion Sensor, 120 through 347, or 480V MP=Modular Power Receptacle (Used for all Cord or Cord and Plug options) | | | U=Unit Pack PAL=Palletized Out of Carton PALC=Palletized In Carton | ILED-SPM=Single Monopoint Hanger w/Hub FH-1=Fixture Hook FL-1=Fixture Loop SHK=Fixture Hook AYC-CHAIN/SET/U=(2) Hooks, 36" Chain Sets w/S-Hooks TOGGLE=Single Toggle, #2 Cable (Specify 10' or 30') LOOP=Loop Hanger, #2 Cable (Specify 10' or 30') MC6=6' Modular Power Cord MPC6=6' Modular Power Cord & Plug (Specify Voltage) MMS=360° or 180° Aisle Motion Sensor with Modular Power Receptacle (120-277V) MDS6=6' Modular Power Cord with MWS 27DS18/2G06MP Connector Door Frames (for Field Installation) Door Frames (for field installation) ⁹ 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: 1. Max. ambient 40C for 16K and 32K lumen packages. 2. Narrow distribution not available with FL, FL/UPL, CL and ASY shielding options. 3. Max. ambient 35C for EL options. 4. EL not available in 347 or 480V configurations. 5. Wireguard available in conjunction with shielding option (catalog example TWB/WG). 6. PI option does not include low voltage wiring for 0-10V dimming. 7. Step-dim not available in 16,000 and 32,000 lumen configurations. 8. Used to transfer fixture to secondary power source for life-safety operation. When used with a dimming fixture, two devices are required to ensure control is disabled while operating under emergency power. 9. 8 ft. fixtures require two door frames per fixture. 10. DesignLights Consortium™ Qualified and classified for DLC Standard, refer to www.designlights.org for details. Specifications & dimensions subject to change without notice. Consult your Eaton Representative for availability and ordering information.

Photometrics

| 4 ft. Narrow 7,000 Lumens | 4 ft. Wide 7,000 Lumens | 4 ft. Wide w/Baffle 7,000 Lumens |
|---|---|---|
|  <p>Electronic Driver Linear LED 3500K Spacing criterion: () 1.3 x mtg height, (⊥) 0.6 x mtg height Lumens = 6392 Input Watts = 57.0W Efficacy = 112.1 lm/W Test: 4ILED-LD4-7-N-UNV-L835.IES</p> |  <p>Electronic Driver Linear LED 4000K Spacing criterion: () 1.3 x mtg height, (⊥) 1.3 x mtg height Lumens = 7246 Input Watts = 56.6W Efficacy = 120 lm/W Test: 4ILED-LD4-7-W-UNV-L840.IES</p> |  <p>Electronic Driver Linear LED 4000K Spacing criterion: () 1.1 x mtg height, (⊥) 1.3 x mtg height Lumens = 6625 Input Watts = 56.6W Efficacy = 117 lm/W Test: 4ILED-LD4-7-W-TWB-UNV-L840.IES</p> |

| Lumen Maintenance | | |
|---------------------|--|-------------------------|
| Ambient Temperature | TM-21 Lumen Maintenance (60,000 hours) | Theoretical L70 (Hours) |
| 35°C | > 86% | 171,000 |

| Certification Data | | | | |
|-----------------------|---------------------|----------------|------------------------------------|---------------|
| cULus - Damp Location | LM79/LM80 Compliant | ROHS Compliant | DesignLights Consortium™ Qualified | NOM Compliant |

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Product Lines**

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RSA
Metalux
Corelite
Neo-Ray
Fail-Safe
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Ametrix
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McGraw-Edison
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**Our Controls
Product Lines**

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Zero 88
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iLight (International Only)

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Peachtree City, GA 30269
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