# **Industrial LED Linear Bay**

Technical bulletin

# Metalux

# High bay and low bay energy solution.

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

Specification grade full body die-formed cold rolled steel housing in 4' or 8' lengths. The housing features an integral driver channel that adds strength and provides numerous KO's for easy installation.

#### Electrical

Long-life LED system coupled with electrical driver to deliver optimal performance. LED's available in 3500K, 4000K and 5000K with a CRI ≥ 80. cULus listed. Electronic drivers are available for 120-277V, 347V and 480V applications. 0-10V dimming driver is standard.

#### Construction

- · 4ft. and 8ft. specification grade full-body housing
- · Low profile, narrow 11" housing
- · Available in surface, suspended or continuous row mount
- cULus, ROHS Compliant and LM79/LM80 Compliant

#### **Performance**

- Multiple lumen packages available:
  4 ft: 5,000, 7,000, 9,000, 11,000, 14,000, 16,000
  8 ft: 10,000, 14,000, 18,000, 22000, 28,000, 32,000
- · High efficacy up to 139 lm/W
- L86 at > 60,000 hours (at 35°C)
- Three Correlated Color Temperatures (3500K, 4000K and 5000K) at ≥ 80 CRI
- · -20°C 45°C ambient environments

# **Options**

- Precision optics narrow and wide distribution
- · Shielding options include clear and frosted lenses, baffle or wireguard
- · Modular Wiring System (MWS) for easy install
- · Integral occupancy sensors available
- Emergency 7 watt and 14 watt options

#### **Controls**

- Includes 0-10V (analog) dimming for control using Cooper Lighting Solutions 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.

## Warranty

· Five-year warranty

### Stock and made-to-order (MTO)

· Available in select stock skus or MTO with two-week lead times

# ILED Performance

Catalog Logic	Description	Delivered Lumens	Wattage	Efficacy (lm/W)
4ILED-LD4-5-W-UNV-L840-CD1-U	4ft. ILED, 5,000 Lumens, Wide, 40K, Wide	5,101	37	139
4ILED-LD4-7-W-UNV-L840-CD1-U	4ft. ILED, 7,000 Lumens, Wide, 40K, Wide	7,246	57	128
4ILED-LD4-9-W-UNV-L840-CD1-U	4ft. ILED, 9,000 Lumens, Wide, 40K, Wide	9,092	74	123
4ILED-LD4-11-W-UNV-L840-CD1-U	4ft. ILED, 11,000 Lumens, Wide, 40K, Wide	11,448	101	114
4ILED-LD4-14-W-UNV-L840-CD2-U	4ft. ILED, 14,000 Lumens, Wide, 40K, Wide	13,824	115	121
4ILED-LD4-16-W-UNV-L840-CD2-U	4ft. ILED, 16,000 Lumens, Wide, 40K, Wide	16,414	145	113
8ILED-LD4-10-W-UNV-L840-CD1-U	8ft. ILED, 10,000 Lumens, Wide, 40K, Wide	10,202	73	139
8ILED-LD4-14-W-UNV-L840-CD2-U	8ft. ILED, 14,000 Lumens, Wide, 40K, Wide	14,492	113	128
8ILED-LD4-18-W-UNV-L840-CD2-U	8ft. ILED, 18000 Lumens, Wide, 40K, Wide	18,184	148	123
8ILED-LD4-22-W-UNV-L840-CD2-U	8ft. ILED, 22,000 Lumens, Wide, 40K, Wide	22,896	201	114
8ILED-LD4-28-W-UNV-L840-CD4-U	8ft. ILED, 28,000 Lumens, Wide, 40K, Wide	27,648	229	121
8ILED-LD4-32-W-UNV-L840-CD3-U	8ft. ILED, 32,000 Lumens, Wide, 40K, Wide	32,828	290	113
8ILED-LD4-32-W-UNV-L840-CD3-U	8ft. ILED, 32000 Lumen, Wide, 40K, Wide	32828	290	113

