

Project		Catalog #		Type	
Prepared by		Notes		Date	



Metalux

LBLED

Low Bay Linear Series
Symmetric Distribution

Typical Applications

• Industrial • Commercial

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- Product Warranty

Product Certification



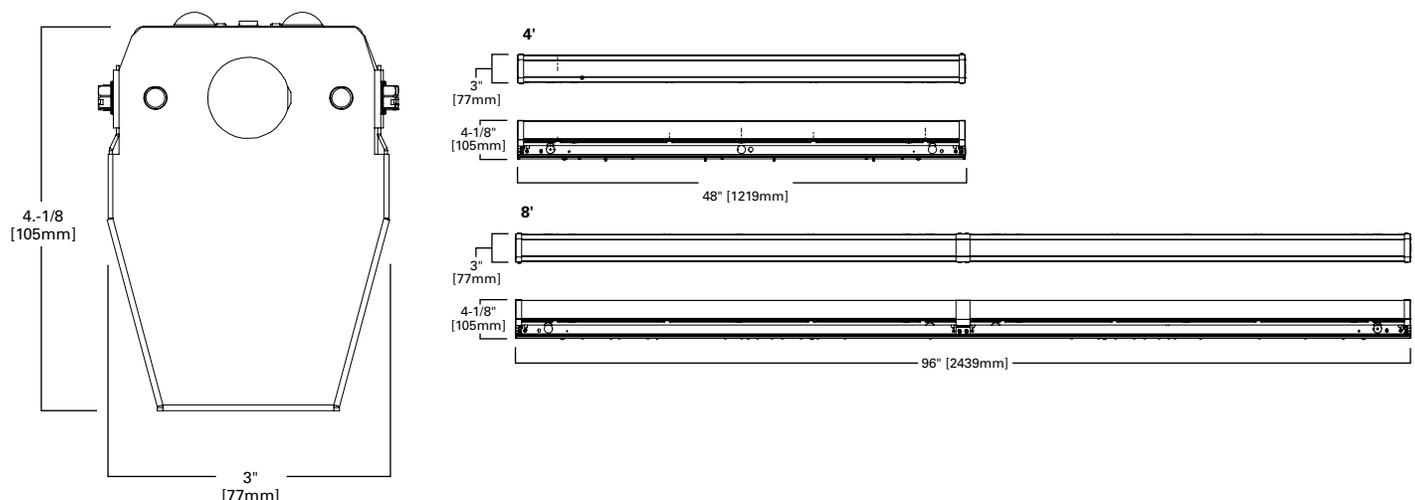
Product Features



Top Product Features

- Die formed CRS housing painted after fabrication for added durability
- High Impact optical lens protects LEDs
- Available lumen packages up to 22,000 lumens
- High-Performance efficacy up to 154 lm/W
- Precision optics in symmetric and asymmetric distribution
- Impact protection rating IK09 Lens and IK08 Housing
- Options to meet Buy American and other domestic preference requirements

Dimensional and Mounting Details



Order Information

SAMPLE ORDER NUMBER: **4LBLED-LD4-10-SYMF-UNV-L840-CD1-U**

Domestic Preferences ⁽¹⁾	Length	Series	Lamp Type	LED Lumen Output		Optic	Voltage	Options
[Blank] =Standard BAA =Buy American Act TAA =Trade Agreements Act	4=4' Length 8=8' Length	LBLED =Linear LED Low Bay Series	LD4 =LED 4.0	4 ft. 6=6000 7=7000 8=8000 9=9000 10=10000 11=11000	8 ft. 9=9000 10=10000 12=12000 14=14000 16=16000 22=22000	SYMW =Symmetric, white SYMF =Symmetric, frost	UNV =Universal Voltage 120-277 347V =347 Volt	EL7W =7-watt, 120V-277V emergency battery pack installed (2), (3) EL14W =14-watt 120V-277V emergency battery pack installed (2), (3)
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.								Notes (2) Not available with UNC. (3) With integral test switch/indicator/laser test. For approximate delivered lumens multiply the lumens per watt of the desired fixture by the wattage of the emergency battery pack (100 lm/W x 7=700 lumens).

CCT Options	Driver Type	Number of Drivers	Wiring	Packaging
L835 =3500K L840 =4000K L850 =5000K	CD =0-10V Dimming Driver (10% - 100% Dimming)	1=1 Driver 2=2 Drivers (8ft UNV in 14,000, 16,000 and 22,000 lumen) (4ft and 8ft 347V in 8,000, 9,000, 10,000, 11,000, 12,000 and 14,000 lumens) 4=4 Drivers (8ft 347V in 16,000 and 22,000 lumens)	C3 (1) =1 Circuit, 3' Cord with no Plug C3 (2) =2 Circuits, 3' Cord with no Plug C6 (1) =1 Circuit, 6' Cord with no Plug C6 (2) =2 Circuits, 6' Cord with no Plug PC3/120 =(NEMA L5-15P) 3' Cord with NEMA Plug PC3/277 =(NEMA L7-15P) 3' Cord with NEMA Plug PC3/347 =(NEMA L24-20P) 3' Cord with NEMA Plug PC6/120 =(NEMA L5-15P) 6' Cord with NEMA Plug PC6/277 =(NEMA L7-15P) 6' Cord with NEMA Plug PC6/347 =(NEMA L24-20P) 6' Cord with NEMA Plug	U =Unit Pack

Accessories (order separately) ⁽⁴⁾
AYC-Chain/Set =36" Chain Hanger (Use 1 set per fixture) SCF =Fixed Stem Set (Specify Length) SCS =Swivel Stem Set (Specify Length) SCA =Adjustable 48" Stem Set EYE CHAIN SET/3FT =Eye Bolt Chain (Use 1 set per fixture) A1B/Spacer-U =Spacer 1-1/2" to 2-1/2" from ceiling (Use 2 per fixture) TOGGLE =Single Toggle No. 2 (Specify Length) Y-TOGGLE — -2PK =(2) Y-Toggle Cable Kits (Specify 10 or 30 for length in feet)
Notes (4) Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.

Product Specifications

Construction

- Channel is die formed cold rolled steel
- Available in 4' and 8' lengths
- Groove for Tong Hanger
- Numerous KO's for easy installation
- Channel/wireway cover secured with sheet metal screws
- Impact protection rating IK09 Lens and IK08 Housing

Controls

- Equipped standard with a 0-10V continuous dimming driver that works with any standard 0-10V control/dimmer
- Dimming range is 10% to 100%; varies by control device
- Combine with energysaving products like occupancy sensors, day lighting controls, and lighting relay panels to maximize energy savings
- Motion control can be installed in end K.O. for linear applications

Electrical

- LED's available in 3500K, 4000K, and 5000K with a typical 85 CRI. Other color temperatures are available
- Long-Life LED system coupled with electronic (120-277V) driver to deliver optimal lighting performance
- Projected life is 60,000 hours at 70% lumen output
- 0-10V dimming driver standard

Emergency Battery Pack Option

- Optional 120-277V emergency battery available in 7W or 14W
- 90-minute backup period for code compliance
- Constant power to LED system for controlled, predictable discharge
- Integrated test switch/indicator light installed on fixture

Finish

- High reflective paint after fabrication, baked white enamel finish is standard
- Multistage cleaning cycle
- Iron phosphate coating with rust inhibitor

Channel/Wireway Cover

- Die formed heavy gauge steel
- Tight fit for ease of maintenance

Shielding

- Offers two different optical distributions and aesthetics - White and Frost

Installation

- Fixture may be surface, pendant, or stem mounted. See accessories in ordering information.

Compliance

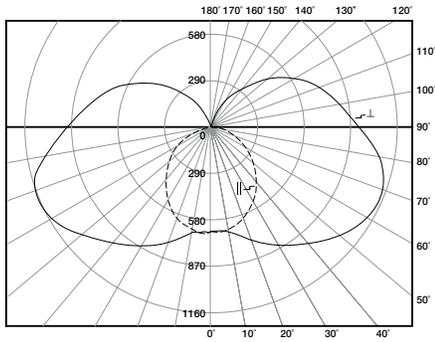
- Components are UL recognized
- Indoor luminaires are cULus listed for -20C to 40C ambient environments
- RoHS compliant
- Damp location listed, and comply with IESNA LM-79
- LEDs comply with LM-80 standards

Warranty

- Five year warranty.

Photometric Data

[View IES files](#)



4LBLED-LD4-60HL-LSYMW-UNV-L840-CD2-U

Electronic Driver
 Linear LED 4000K
 Spacing criterion: (||) 1.2 x mounting height,
 (⊥) 2.1 x mounting height
 Lumens: 6096
 Input Watts: 42.8W
 Efficacy: 142 lm/W
 Test Report: 4LBLED-LD4-60HL-LSYMWUNV-L840-CD2-U.IES

Energy and Performance Data

Energy and Performance Data by Catalog Number

Catalog Number	Delivered Lumens	Watts	Efficacy (lm/W)
Symmetric			
4LBLED-LD4-6-SYMF-UNV-L850-CD1-U	6726	44	153
4LBLED-LD4-7-SYMF-UNV-L850-CD1-U	7765	52	149
4LBLED-LD4-8-SYMF-UNV-L850-CD1-U	8802	56	157
4LBLED-LD4-9-SYMF-UNV-L850-CD1-U	10044	65	154
4LBLED-LD4-10-SYMF-UNV-L850-CD1-U	11168	76	146
4LBLED-LD4-11-SYMF-UNV-L850-CD1-U	12285	86	143
8LBLED-LD4-9-SYMF-UNV-L850-CD1-U	10207	62	165
8LBLED-LD4-10-SYMF-UNV-L850-CD1-U	11290	69	164
8LBLED-LD4-12-SYMF-UNV-L850-CD1-U	13453	83	161
8LBLED-LD4-14-SYMF-UNV-L850-CD2-U	15529	101	154
8LBLED-LD4-16-SYMF-UNV-L850-CD2-U	17604	113	156
8LBLED-LD4-22-SYMF-UNV-L850-CD2-U	24571	174	141

Lumen Maintenance

Ambient Temperature	TM-21 Lumen Maintenance (60,000 hours)	Theoretical L70 (Hours)
25°C	> 83%	113,000

Shipping Data

Length	Wt.
4 ft.	8 lbs.
8 ft.	15 lbs.

IK Rating

LBLED	IK Rating
Lens	IK09
Housing	IK08