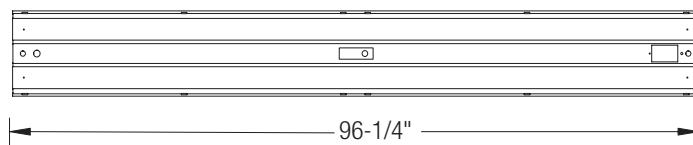
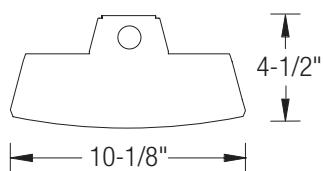

**DIMENSIONS**


NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
12000L	12000L	96W
16000L	16000L	128W
20000L	20000L	160W
24000L	24000L	190W

Based on 4000K, 90+ CRI. Actual wattage may vary +/- 5%

**FEATURES**

The OLB-LED Louvered Blade low bay delivers high-performance, low-glare illumination for a wide range of industrial and commercial spaces. Available in 4ft and 8ft lengths with a multiple lumen packages, it provides the flexibility to meet most application needs—including supermarket, garages, warehouses, assembly lines, and general industrial areas traditionally lit with fluorescent high bays.

Its unique blade-louver design combined with a special frosted optical overlay effectively shields the LEDs from direct view, delivering smooth, comfortable, and evenly distributed light with reduced glare. The result is a fixture that enhances visual comfort, improves productivity, and offers a modern, energy-efficient upgrade to outdated fluorescent systems.

LUMENS	12000L, 16000L, 20000L, 24000L
CCT	30K, 32K, 35K, 40K, 50K
CRI	85+ Standard, 90 optional, R9>50
COLOR QUALITY	3-Step MacAdam Ellipse
LENGTH	4 ft & 8 ft
MOUNTING	Suspended, Pendant, Surface Mount
DIMMING	DIM10 - 0-10V Flicker Free 1% Dimming
DISTRIBUTION	General, AD-Aisle, WW-Wall Wash, BT-Batwing
FINISH	White
OPERATING TEMP.	-20°C (-4°F) to 50°C (122°F)
UGR	19>
EMERGENCY	16W or 25W High Voltage Inverter (Remote)
LIFETIME	L70 at 100,000 Hours
PHOTOMETRIC	In accordance with IES LM79-08, LM80 and TM-30, TM-21

**DISTRIBUTION**


## OPTICS

The LED light engine is secured to the body of the luminaire, with the body acting as a heat sink. Fixture is designed with a flat blade cross baffle to provide high viewing lamp shielding to reduce brightness and glare.

## CONSTRUCTION

Body made from heavy-duty 18-gauge cold rolled steel, post-painted with white finish and engineered for maximum strength and extended life. All corners interlock for added structural strength, with sides and corners uniformly turned in and hemmed to remove sharp edges for safe handling and easy installation. Luminaire is supplied with multiple wiring entrances for easy daisy chain, continuous row mounting, or to add power packs, whips, or other accessories in the field.

## MOUNTING

This luminaire is suitable for suspension by chain, cable, pendant and surface mounting. Mounting brackets for surface, stem, suspended chain, aircraft cable, and other mounting options and related hardware must be ordered as accessories.

Suitable for mounting in continuous-row or individual mounting. End caps include knockouts for through wiring and fixture attachment in row-mounting applications.

## FINISH

Post-painted with a 93% reflective white coat to improve luminaire efficacy, with all powder coated body components seamlessly interlocked for added structural strength.

## OPTION

Luminaires can be shipped pre-installed with whips, modular wiring systems, daylight harvesting controls, occupancy sensors, and/or power packs for individual or room control applications.

## MAINTENANCE

LED driver can be accessed by removing diffuser and detaching LED tray. LED engines are removable and upgradable even after fixture installation.

## THERMAL MANAGEMENT

Our advanced thermal management system allows the light output of the LED engines to be maintained at 70% of initial lumens at 100,000 hours of operation.

## DRIVER & ELECTRICAL INFORMATION

Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120/277V and at 347V, produce less than 20% THD, and have a power factor of .90 to 1.00.

## DIMMING

DIM10 - 0-10V flicker free 1% dimming on MVOLT 120-277V or 347V.

## WARRANTY

5-year warranty for parts and components (labor not included).

## LISTINGS

cULus listed.

DLC Premium listed.

California Title 24 compliant.

Damp location rated.

## Example: 8-OLB-LED-20000L-DIM10-MVOLT-35K-85

8	OLB-LED										
SIZE	SERIES	LUMENS	DIMMING	VOLTAGE	DISTRIBUTION	CCT	CRI	EMERGENCY	ACCESSORIES		
8 - 8'	OLB-LED	12000L 16000L 20000L 24000L	DIM10 (0-10V)	MVOLT (120/277V) 347V	(Blank) - General AD - Aisle BT - Batwing WW - Wall Wash	30K 32K 35K 40K 50K	85 90	0-EMG-LED-16W 0-EMG-LED-25W	VHCH - V-Hook with Chain Kit (included) GSS - 10' Grapple Suspension System S05 - 12' Power Cord with 5 Conductors for 1-10V dimming fixtures S06 - 12' Power Cord with 5 Conductors for 1-10V dimming fixtures with Emergency OLB-SMB - Surface Mount Brackets OLB-SM - Stem for Stem Mount OLB-HUB - Hub for Stem Mount option BABA - Build & Buy in America Compliance		

## SENSOR OPTION

411-HBOLA-PDX - PIR Fixture Mount Occupancy Sensor with Daylight Harvesting with 0-10V dimming  
HBP-111 - PIR Fixture Mount High Bay Occupancy Sensor

FSP-221-B-D-LX - PIR Drop Nipple Fixture Mount High Bay Sensor with Daylight Harvesting with 0-10V dimming

FSP311-B-D-LX - 0-10V Continuous Dimming PIR Photo Sensor with Bluetooth Control Option

OFD1Z-10W - PIR Smart Occupancy Sensor

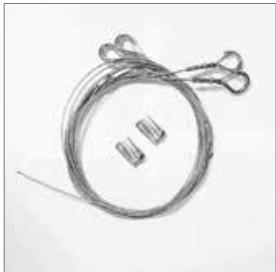
421-OSFLA-LTW - Photocell, End mount

FSP-321B-D-LX - High Bay Sensor with Aisle and Adapter with 42" leads PIR Side mount High Bay Sensor with Daylight Harvesting with 0-10V dimming with bluetooth control option.

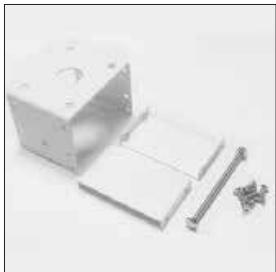
## ACCESSORIES



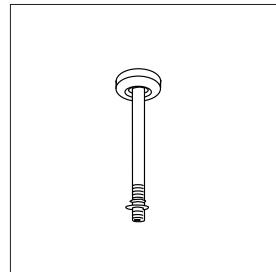
**VHCH**  
V-hook with Chain Kit (Included)



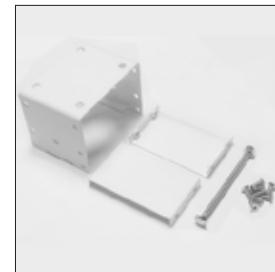
**GSS**  
10' Grapple Suspension System



**OLB-HUB**  
Hub for Stem Mount



**OLB-SM**  
Stem Mount



**OLB-SMB**  
Surface Mount Bracket

## WHIPS

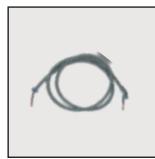
Low Bays can be shipped with pre-installed modular wiring systems by AFC cable



**C3**  
3/8 X 6FT Flex Assy 3/18  
Black, White, Green wire  
84" 90° & STR  
SNAP - Aluminum  
Single Circuit



**C5**  
3/8 X 6FT Flex Assy 18/5  
White, Gray, Purple wire  
Extended to 12"



**C6**  
6-wire Flex Cable  
(Single Circuit)



**1DB1+2DB1**  
120/208/240V • 277/480V  
Distribution cables  
3-wire w/ground-phase A, B,  
1' cable length



**S05-BK**  
5-Wire Black Cord  
18AWG 105°C  
White, Black, Green,  
Purple, Gray wire  
120/277V



**S05-WH**  
5-Wire White Cord  
18AWG 105°C  
White, Black, Green,  
Purple, Gray wire  
120/277V



**S06-BK**  
6-Wire Black Cord  
White, Black, Green,  
Purple, Gray, Orange wire



**S06-WH**  
6-Wire Black Cord  
White, Black, Green,  
Purple, Gray, Orange wire

## PLUGS

Low Bays can be shipped with pre-installed modular wiring systems by AFC cable



**PCTL120**  
Lock Plug  
10' NEMA L5-15R 120V



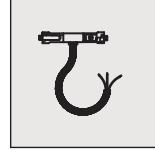
**PCSB120-BK**  
Straight Blade Plug  
10' NEMA 5-15R 120V  
White & Black



**PCTL277**  
Twist Lock Plug  
10' NEMA L7-15P 277V



**PCTL480V**  
Twist Lock Plug  
10' NEMA LA20P 480V



**1CB1SC1HV**  
**2CB1SC1HV**  
1=Lighting "T" w/Drop Cord  
2=277/480V Distribution Cable  
3-wire w/ground-phase A,B  
3' cable length, 12 AWG,  
Hi-Voltage (optional)

## CORDS

Low Bays can be shipped with pre-installed modular wiring systems by AFC cable



#### INTEGRATED SENSOR AND CONTROL OPTIONS

With the integration of controls, Elite Lighting now offers its products with controls-ready performance that increases energy efficiency, smarter space planning, and the enhancement of safety and productivity in the workplace. By utilizing these controls, Elite Lighting luminaires enable your customer's facility to run smarter, with the use of an easily controlled system through any platform.

Luminaire will be shipped with Powerpacks pre-installed, ready to be integrated to designated control systems

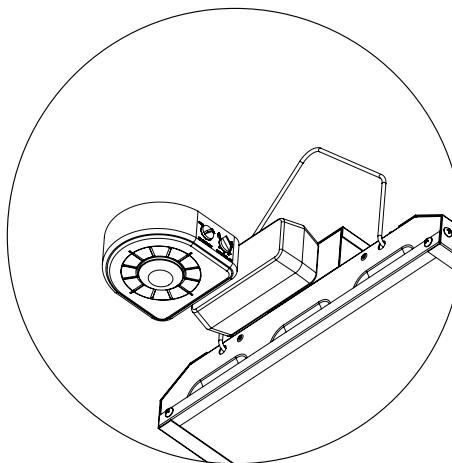
Luminaire will be shipped with Sensors installed on the luminaire, allowing for individual luminaire control.

Luminaires will be ready to be integrated with designated control systems

Luminaire will be shipped with Sensors to be remotely installed on the ceiling. Luminaires will be ready to be integrated with designated control systems

BRAND	LEVITON®	legrand
HIGH BAY SENSORS	<p><b>OSFHU-LTW</b> - PIR Fixture Mount High Bay Occupancy Sensor.</p> <p><b>411-HBOLA-PDX</b> - PIR Fixture Mount Occupancy Sensor with Daylight Harvesting with 0-10V Dimming.</p> <p><b>OFD1Z-10W</b> - PIR Smart Occupancy Sensor with Photocell, End/Fixture Mount.</p> <p><b>421-OSFLA-LTW</b> - High Bay Sensor with Aisle and Adapter with 42" leads</p>	<p><b>HBP-111</b> - PIR Fixture Mount High Bay Occupancy Sensor.</p> <p><b>FSP-221-B-D</b> - PIR Drop Nipple Fixture Mount Bay Sensor with Daylight Harvesting with 0-10V Dimming.</p> <p><b>FSP-321B-D</b> - PIR Side mount high Bay Sensor with Daylight Harvesting with 0-10V Dimming. with bluetooth control option.</p>

#### SIDE MOUNT OCCUPANCY DAYLIGHT HARVESTING SENSOR



##### SENSOR OPTION

**OSFHU-LTW** - PIR Fixture Mount High Bay Occupancy Sensor.

**411-HBOLA-PDX** - PIR Fixture Mount Occupancy Sensor with Daylight Harvesting with 0-10V Dimming.

**HBP-111** - PIR Fixture Mount High Bay Occupancy Sensor.

**FSP-221-B-D** - PIR Drop Nipple Fixture Mount Bay Sensor with Daylight Harvesting with 0-10V Dimming.

**OFD1Z-10W** - PIR Smart Occupancy Sensor with Photocell, End/Fixture Mount.

**421-OSFLA-LTW** - High Bay Sensor with Aisle and Adapter with 42" leads