

# LBT SERIES

## LED MODULAR LOW BAY SYSTEM



- ✓ 5 Year Manufacturers Warranty
- ✓ Rated Operating Temperature Of -22° To 104° Fahrenheit
- ✓ Linear Trunking Options Available
- ✓ 60,000 Hour Rated Lifetime
- ✓ IP20 Weatherproof Rating
- ✓ Emergency Backup & Occupancy Sensor Optional

**Nominal Specifications**  
**LifeLux™ STD Rating**

**Power**  
40W, 65W, 80W, 96W, 120W

**Voltage**  
100-277V AC

**Lumen Output**  
160 Lm/W

**Color Temperature**  
3000K, 4000K, 5000K, 6000K

**Design Life**  
60,000 hrs

**Beam Angle**  
25, 60, 90, 140 degrees

**CRI**  
>80

**Power Factor**  
>0.95

**Warranty**  
5 Year Manufacturers Limited Warranty  
10 Year Warranty Optional

**Certifications**

UL, DLC, FCC, RoHS, CE

**Dimensions**

2' - 23.6" x 3.7" x 2.4" - 2.4 lbs.  
4' - 47.2" x 3.7" x 2.4" - 3.9 lbs.  
5' - 59.1" x 3.7" x 2.4" - 4.8 lbs.  
8' - 70.9" x 3.7" x 2.4" - 7.8 lbs.

**Features**

X, T, and L Node Connector Options

**Ordering Data: Per Chart Below**  
Example: USALED-LBT-2FT-40-30K-EM

XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
USALED	Model	Wattage	Color Temperature	Options
	LBB-2FT	40 = 40W	30K = 3000K	0-10V Dimming = Blank
	LBB-4FT	65 = 80W	40K = 4000K	EM = Emergency Backup
	LBB-8FT	80 = 80W	50K = 5000K	OS = Occupancy Sensor
		96 = 96W	60K = 6000K	BL = Bi-Level Dimming
		120 = 120W		

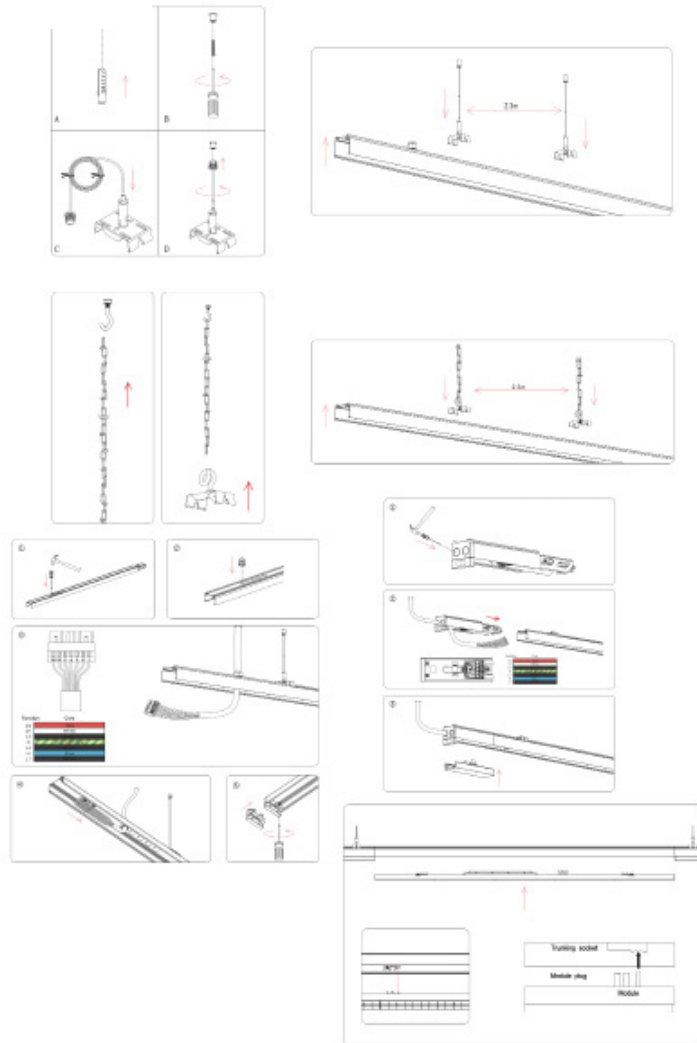
**APPLICATIONS:** High-ceiling area lighting, including but not limited to hallways, warehouses, stairways, offices, and other commercial areas.

**Kit Includes:** Brackets for hanging and direct-mount options, aircraft cable for hanging option



**Installation Summary:**

- 1) Turn off power to existing fixture or junction box.
- 2) Disconnect and remove existing fixture if there is one.
- 3) Locate struts or beams to anchor the fixture to.
- 4) Secure the aircraft wire through the hook and onto the anchor, tightening the clamps as necessary.
- 5) Secure the fixture to the wire, and level as necessary.
- 6) Open junction box and locate wires, locating the corresponding wires on the light.
- 7) Connect the corresponding wires on the fixture to the power source. Note: for 0-10V Dimming, test the connection now by powering on the light and using a voltage meter.
- 8) Close the junction box and secure.
- 9) Attach the end of the line wire to either the inside of the last fixture, or utilize the provided end cap.
- 10) Test the light to ensure the electrical connection is sound.



Model #	Length	Wattage	CCT	Nominal Lumen Output
USALED-LBB-2-40	2'	40W	3000K, 4000K, 5000K, 6000K	6,400 lm
USALED-LBB-2-65		65W	3000K, 4000K, 5000K, 6000K	10,400 lm
USALED-LBB-4-80	4'	80W	3000K, 4000K, 5000K, 6000K	12,800 lm
USALED-LBB-4-96		96W	3000K, 4000K, 5000K, 6000K	15,360 lm
USALED-LBB-8-120	8'	120W	3000K, 4000K, 5000K, 6000K	19,200 lm