

PROJECT NAME: \_\_\_\_\_

CATALOG #: \_\_\_\_\_

NOTES: \_\_\_\_\_

DATE: \_\_\_\_\_

## BLS-LIN LED LINEAR FIXTURE

BLS-LIN LED Linear Fixture is a visually comfortable light and best choice for replacing fluorescent lamps with high efficacy. Available for 4ft and 8ft applications. The BLS-LIN is suitable for commercial, retail and institutional applications including gymnasiums, factories and warehouses.



### SPECIFICATIONS FEATURES

**Color Temperature Tuning:** Capable of delivering 4000K & 5000K color temperatures.

**Housing:** Easy installation, one-piece housing does not require additional accessories, more cost-effective.

**Lens:** Frosted acrylic.

**Mounting:** Surface mounting or Chain mounting for different applications.

**CRI:** 80

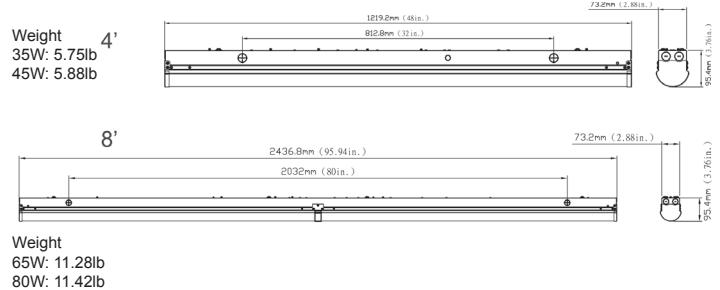
**Voltage:** 120-277V & 347-480V

**Lifespan:** Estimated 50,000 Hour based on IES LM-80 results and TM-21 calculations.

**Operating Temperature:** -40°C to 40°C (-40°F - + 104°F).

**Listings:** cULus, Suitable for damp location. DesignLights Consortium® (DLC) Qualified Product: Unless noted, not all versions of this product may be DLC® qualified. For a complete list of Lumecon DLC® Qualified Products visit: [www.designlights.org](http://www.designlights.org).

**Warranty:** 5 year warranty



### ORDERING GUIDE

SAMPLE: BLS-LIN-4-23-1-40-M-BB-F



MODEL	WATTAGE	VOLTAGE	CCT	SENSOR	EMERGENCY BATTERY	LENS
BLS-LIN-4	23 23W	1 120-277V	40 4000K	M Motion Sensor	BB Battery Back-Up	F Frosted Lens
	35 35W	2 347-480V	50 5000K	BLANK Without Motion Sensor	BLANK Without Battery Backup	
	45 45W					
BLS-LIN-8	46 46W	1 120-277V	40 4000K	M Motion Sensor	BB Battery Back-Up	F Frosted Lens
	65 65W	2 347-480V	50 5000K	BLANK Without Motion Sensor	BLANK Without Battery Backup	

Note: The wattage is 80W when the voltage is 120-277V, while the voltage is 347/480V, the wattage is 85W.

## STRUCTURAL DESIGN

### 1/2" KNOCKOUTS

End Cap Wiring Knockouts are designed for connecting multiple fixtures, to achieve 4ft, 8ft, 12ft length etc.

### EMERGENCY BATTERY

8W 900lm 90min

### 1/2" KNOCKOUTS

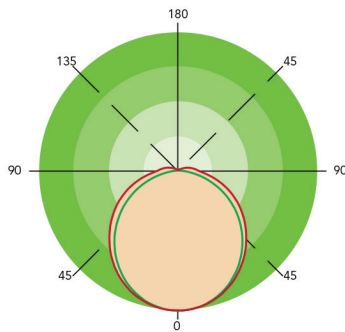
This 1/2" knockouts can be designed for external PIR sensor allows for security and energy savings.

### HOUSING

Easy installation and lower maintenance, and one-piece housing does not require additional accessories, more cost-effective.



## PHOTOMETRICS



## PERFORMANCE DATA

SYSTEM WATTS	SIZE	LENS	VOLTAGE	4000K(CRI80)		5000K(CRI80)	
				LUMENS	LPW	LUMENS	LPW
23W	4 FT	Frosted	120-277VAC/347-480V	3000lm	130lm/W	3050lm	133lm/W
35W	4 FT	Frosted	120-277VAC/347-480V	4650lm	133lm/W	4700lm	134lm/W
45W	4 FT	Frosted	120-277VAC/347-480V	6000lm	133lm/W	6050lm	134lm/W
46W	8 FT	Frosted	120-277VAC/347-480V	6050lm	132lm/W	6100lm	133lm/W
65W	8 FT	Frosted	120-277VAC/347-480V	8700lm	134lm/W	8750lm	135lm/W

## ELECTRICAL LOAD

Size	Number Of Drivers	Driver Current (mA)	Nominal Power (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
4 FT	1	530	23	120	0.19
			23	208	0.11
			23	240	0.10
			23	277	0.08
		530	23	347	0.07
			23	480	0.05
4 FT	1	850	35	120	0.29
			35	208	0.17
			35	240	0.15
			35	277	0.13
		1020	35	347	0.10
			35	480	0.07
4 FT	1	1120	45	120	0.38
			45	208	0.22
			45	240	0.19
			45	277	0.16
		1200	45	347	0.13
			45	480	0.09
8 FT	1	1120	46	120	0.38
			46	208	0.22
			46	240	0.19
			46	277	0.17
		1200	46	347	0.13
			46	480	0.10
8 FT	1	1500	65	120	0.54
			65	208	0.31
			65	240	0.27
			65	277	0.23
		1600	65	347	0.19
			65	480	0.14