

PLUG-AND-PLAY LIGHTBARS SELF-DRIVEN LB SERIES



1' model



PRODUCT DESCRIPTION:

The MaxLED LED Lightbar is a flexible lighting source that offers leading-edge efficacy that is superior to Linear Fluorescent and halogen alternatives in custom applications including:

COMMERCIAL	RESIDENTIAL
Sport book/gaming	Kitchen & under cabinet
General cove lighting	General cove lighting
Accent & indirect lighting	Accent & indirect lighting
Wall washing	Base cabinet toe kick
Display	

FEATURES:

- Operating Temperature 0°-104° F
- Links together with connector to make long runs*
- Pressure clips and double sided tape for easy installation
- Hardwire and plug-in configurations available
- Suitable for damp locations
- 120 Vac operation at 60Hz
- Suitable for food preparation applications

CONSTRUCTION:

Enclosure: High quality extruded aluminum

Diffuser: Architectural-grade diffuser eliminates unsightly hot spots and ensures an even, pleasing distribution of light

Driver: Integral low voltage driver maximizes efficiency without sacrificing light output

Finish: Durable powder coated finish

MODEL SELECTION (Full list of order codes on pg. 3)

Typical order example: 36LB27

LENGTH (INCHES)	FAMILY	CCT	OPTIONS
6= 6" 12= 12" 24= 24" 48= 48" 72= 72"	LB= LED LightBars	27= 2700K 35= 3500K 50= 5000K	(OMIT)= Standard AO²= Ambient HO²= High Output

MODEL TYPE	MAXIMUM FT PER RUN TYPICAL (RECOMMENDED)*
-AO²	60ft
Standard	40ft
-HO²	24ft



NOTES:

1. Not compatible with previous generation of Lightbars
2. AO (Ambient) and HO (High Output) options are available only in 12" models
3. 2700K models have 90+ CRI
4. Maximum Ft per Run not evaluated with dimmers and not applicable when combining different Model Types
5. Dimmable down to 5% only when using same length product. When combining different lengths, dimming level varies.
6. For optimal performance set the dimmer minimum threshold by consulting the dimmer manufacturer's instruction manual. Set the threshold so that the different lengths all turn off uniformly.








SPECIFICATIONS:

		6LBXX	12LB XXAO	12LBXX	12LB XXHO	24LBXX	48LBXX	72LBXX
ITEM	SPECIFICATION	DETAILS						
GENERAL PERFORMANCE	Power Consumption (W)	2.9	4.2	6.4	9.5	10.9	23.5	35.3
	Lumens Delivered (lm)	146	244	368	567	648	1,384	1,978
	Efficacy (lm/W)	51	58	58	60	60	59	56
	CRI	80						
	Color Temperature	2700K*, 3500K, 5000K						
	Color Consistency	Proprietary binning for uniform color						
	L70 Lifetime (hours)	50,000						
ELECTRICAL	Power Factor	0.980						
	Input Voltage	120V						
	Dimming							
PHYSICAL	Operating Temperature	0° - 104°F						
CERTIFICATION	Certification							
	Material Usage	RoHS compliant; no mercury						
	Environment	Damp locations						
	Warranty	5 years						

*2700K models have 90+ CRI

ACCESSORIES INCLUDED	
DESCRIPTION	ACCESSORY IMAGE
4" corner joiner for continuous runs	
Bar-to-bar joiner	
Quick-clip mounting bracket and screws	
Directional mounting clips	
Alternative mounting option double-sided tape	

Pictures are not to scale

OPTIONAL ACCESSORIES			
ORDER CODE	MODEL NUMBER	DESCRIPTION	ACCESSORY IMAGE
71219	MLSDBLJL40G	Joiner lead 40"	
71225	MLSDBLBC48G	Line cord 48" w/ molded plug to demonstrate lightbars	
71221	MLSDBLJL70G	Hardwired lead 70"	
72139	MLSDBLJL12G	Joiner lead 12"	
71631	MLSDBLCONNCS	Lightbar connection - unpainted	
74085	MLSDBL-CBOX	Lightbar connection box	
74230	MLSDBL-DBOX	Lightbar distribution box with on-off switch	

Pictures are not to scale

ORDERING:

ORDER CODE	ITEM NUMBER	WATTS	SIZE (INCHES)	NUMBER OF LEDS	CCT
74938	6LB27	2.9	6	9	2700K*
74939	6LB35	3.0	6	9	3500K
74940	6LB50	3.3	6	9	5000K
74946	12LB27	6.4	12	18	2700K*
74941	12LB27AO	4.2	12	12	2700K*
74949	12LB27HO	9.5	12	32	2700K*
74947	12LB35	6.0	12	18	3500K
74942	12LB35AO	4.2	12	12	3500K
74950	12LB35HO	9.8	12	32	3500K
74948	12LB50	6.0	12	18	5000K
74943	12LB50AO	4.4	12	12	5000K
74951	12LB50HO	10.9	12	32	5000K
74952	24LB27	10.9	24	36	2700K*
74953	24LB35	12.0	24	36	3500K
74954	24LB50	12.0	24	36	5000K
74958	48LB27	23.5	48	72	2700K*
74959	48LB35	24.0	48	72	3500K
74960	48LB50	24.0	48	72	5000K
74964	72LB27	35.3	72	108	2700K*
74965	72LB35	36.0	72	108	3500K
74966	72LB50	36.0	72	108	5000K

* 90+ CRI model