

# PLUG-AND-PLAY LIGHTBARS

## LED SELF-DRIVEN & DIMMING LIGHTBARS



The MaxLED LED Lightbar is a flexible lighting source that is easy to install in custom applications including:

**Commercial:**

- Sports book/gaming
- General cove lighting
- Accent and indirect lighting
- Wall washing

**Residential:**

- Kitchen & under cabinet
- General cove lighting
- Accent and Indirect lighting
- Base cabinet toe kick

**FEATURES:**

- Dimmable down to 15 percent
- Links together with connector to make long runs
- Pressure clips and double sided tape make installation a snap. Special tools are not required for most installations.
- Hardwire and plug-in configurations allow the Lightbar to adapt installation needs for any situation
- Architectural grade diffuser eliminates unsightly hot spots and ensures an even, pleasing distribution of light
- Leading edge efficacy is superior to CFL and halogen alternatives
- Premium performance in an easy to conceal enclosure
- Product is protected by MaxLite’s five year limited warranty

PROJECT NAME	
CATALOG NUMBER	
NOTES	
FIXTURE TYPE	ROOM SCHEDULE



**PIA'12** PRODUCT INNOVATION AWARD WINNER

**CONSTRUCTION:**

**Enclosure:** MaxLED’s line voltage Lightbars are constructed from high quality extruded aluminum.

**Diffuser:** Custom diffuser optimizes light distribution and conceals LEDs from view.

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

- Dry location listed
- Dimming: See complete list on page 2
- 120 Vac operation at 60 Hz **Finish:** Durable powder coated finish ensures Lightbars maintain a sleek appearance in all installations

**Luminaire Ordering Information:**



The manufacturer has certified this product to the California Energy Commission in accordance with California law.



Watts	Order Number	Model Number	Delivered Lumens	Lumens Per Watt	Luminair Life (Hrs.)	Dimensions L" x W" x H"	CCT
3.1	71217	MLSDB9627LED	125	40	50,000	6 x 0.79 x 0.83	2700
3.1	72046	MLSDB9635LED	135	47	50,000	6 x 0.79 x 0.83	3500
3.1	71218	MLSDB9650LED	152	47	50,000	6 x 0.79 x 0.83	5000
3.6	71215	MLSDB1227LED	181	50	50,000	12 x 0.79 x 0.83	2700
3.6	72044	MLSDB1235LED	190	55	50,000	12 x 0.79 x 0.83	3500
3.6	71216	MLSDB1250LED	198	55	50,000	12 x 0.79 x 0.83	5000
6.1	71213	MLSDB1827LED	285	47	50,000	12 x 0.79 x 0.83	2700
6.1	72045	MLSDB1835LED	300	53	50,000	12 x 0.79 x 0.83	3500
6.1	71214	MLSDB1850LED	312	53	50,000	12 x 0.79 x 0.83	5000
8.6	71211	MLSDB3327LED	467	54	50,000	12 x 0.79 x 0.83	2700
8.6	72043	MLSDB3335LED	480	58	50,000	12 x 0.79 x 0.83	3500
8.6	71212	MLSDB3350LED	503	58	50,000	12 x 0.79 x 0.83	5000
12	71900	MLSDB3627LED*	560	47	50,000	24 x 0.79 x 0.83	2700
12	72125	MLSDB3635LED*	560	47	50,000	24 x 0.79 x 0.83	3500
12	71903	MLSDB3650LED*	560	47	50,000	24 x 0.79 x 0.83	5000
24	71902	MLSDB7227LED*	1125	47	50,000	48 x 0.79 x 0.83	2700
24	72126	MLSDB7235LED*	1125	47	50,000	48 x 0.79 x 0.83	3500
24	71905	MLSDB7250LED*	1125	47	50,000	48 x 0.79 x 0.83	5000

EXTENDED

MAX12131

Lighting layouts and spacing criteria available upon request

- \* Designates lightbar that should be paired with an MLSDB18XXLED or MLSDB96XXLED Lightbar in order to maintain even light output and dimming performance.
- All claims are backed by LM-80 and LM-79 test reports. Visit Maxlite.com to download copies of test reports.
- Please note the maximum lumens of the extended lightbars may depreciate slightly when controlled with dimmer



# PLUG-AND-PLAY LIGHTBARS

LED SELF-DRIVEN & DIMMING LIGHTBARS



## ACCESSORIES INCLUDED:



4" corner joiner for continuous runs



Bar-to-bar joiner



Quick-clip mounting bracket and screws



Alternative mounting option double-sided tape

## OPTIONAL ACCESSORIES:



71219- MLSDLBJL40G  
Joiner lead 40"



71225- MLSDLBLC48G  
Line cord 48" w/ molded plug to demonstrate lightbars



71221- MLSDLBJL70G  
Hardwired lead 70"



71631- MLSDLBCONNNS  
Lightbar connection box - Unpainted

71645- MLSDLBCONNNSW  
Lightbar connection box - painted



71139 - MLSDLBJL12G  
Joiner lead 12"

### RECOMMENDED DIMMERS

Leviton 1K2105

Lutron CFL/LED TTCL-100

Leviton IPL06-10Z

Lutron DVELV-300P

Leviton IPL10

Lutron DVCL-153P

Use standard Triac Dimmer with shut off at 1.8W

### LIGHTBAR RECOMMENDED LINKING

Model	Linked Qty.
MLSDLB96	80
MLSDLB12	70
MLSDLB18	50
MLSDLB33	30

\*Please consult your dimmer control manufacturer for low level voltage uses. Lightbars may represent wattage levels too low for smooth dimming operations for some controls. The total linking represented here represents practical limits per lightbar construction. Please note, mixing wattages in a linked series may result in uneven dimming or illumination levels along your linked series of lightbars.



The manufacturer has certified this product to the California Energy Commission in accordance with California law.



Lighting layouts and spacing criteria available upon request

• All claims are backed by LM-80 and LM-79 test reports. Visit Maxlite.com to download copies of test reports.

MaxLite®: 1-800-555-5629 | Fax: 973-244-7333 | Web: www.maxlite.com | E-mail: info@maxlite.com



Revised: 07-24-13

**LED lighting facts**  
A Program of the U.S. DOE

MaxLED

Light Output (Lumens)	125
Watts	3
Lumens per Watt (Efficacy)	40

Color Accuracy	81
Color Rendering Index (CRI)	

**Light Color**  
Correlated Color Temperature (CCT) 2700 (Warm White)

2700K 3000K 4500K 6500K

Warm White Bright White Daylight

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit [www.lightingfacts.com](http://www.lightingfacts.com) for the Label Reference Guide.

Registration Number: WJP2-TY16TV (1/31/2012)  
Model Number: MLSDLB9627LED  
Type: Cove light

**LED lighting facts**  
A Program of the U.S. DOE

MaxLED

Light Output (Lumens)	181
Watts	4
Lumens per Watt (Efficacy)	50

Color Accuracy	81
Color Rendering Index (CRI)	

**Light Color**  
Correlated Color Temperature (CCT) 2700 (Warm White)

2700K 3000K 4500K 6500K

Warm White Bright White Daylight

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit [www.lightingfacts.com](http://www.lightingfacts.com) for the Label Reference Guide.

Registration Number: WJP2-TY161CC (1/31/2012)  
Model Number: MLSDLB1227LED  
Type: Cove light

**LED lighting facts**  
A Program of the U.S. DOE

MaxLED

Light Output (Lumens)	285
Watts	6
Lumens per Watt (Efficacy)	47

Color Accuracy	81
Color Rendering Index (CRI)	

**Light Color**  
Correlated Color Temperature (CCT) 2700 (Warm White)

2700K 3000K 4500K 6500K

Warm White Bright White Daylight

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit [www.lightingfacts.com](http://www.lightingfacts.com) for the Label Reference Guide.

Registration Number: WJP2-BQJ74Z (1/31/2012)  
Model Number: MLSDLB1827LED  
Type: Cove light

**LED lighting facts**  
A Program of the U.S. DOE

MaxLED

Light Output (Lumens)	467
Watts	8.6
Lumens per Watt (Efficacy)	54

Color Accuracy	80
Color Rendering Index (CRI)	

**Light Color**  
Correlated Color Temperature (CCT) 2700 (Warm White)

2700K 3000K 4500K 6500K

Warm White Bright White Daylight

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit [www.lightingfacts.com](http://www.lightingfacts.com) for the Label Reference Guide.

Registration Number: WJP2-MMEKVS (1/31/2012)  
Model Number: MLSDLB3327LED  
Type: Cove light

**LED lighting facts**  
A Program of the U.S. DOE

MaxLED

Light Output (Lumens)	152
Watts	3
Lumens per Watt (Efficacy)	47

Color Accuracy	81
Color Rendering Index (CRI)	

**Light Color**  
Correlated Color Temperature (CCT) 5334 (Daylight)

2700K 3000K 4500K 6500K

Warm White Bright White Daylight

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit [www.lightingfacts.com](http://www.lightingfacts.com) for the Label Reference Guide.

Registration Number: WJP2-YS8EPE (2/16/2012)  
Model Number: MLSDLB9550LED  
Type: Cove light

**LED lighting facts**  
A Program of the U.S. DOE

MaxLED

Light Output (Lumens)	198
Watts	4
Lumens per Watt (Efficacy)	55

Color Accuracy	81
Color Rendering Index (CRI)	

**Light Color**  
Correlated Color Temperature (CCT) 5000 (Daylight)

2700K 3000K 4500K 6500K

Warm White Bright White Daylight

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit [www.lightingfacts.com](http://www.lightingfacts.com) for the Label Reference Guide.

Registration Number: WJP2-RW7PKT (2/16/2012)  
Model Number: MLSDLB1250LED  
Type: Cove light

**LED lighting facts**  
A Program of the U.S. DOE

MaxLED

Light Output (Lumens)	312
Watts	6
Lumens per Watt (Efficacy)	53

Color Accuracy	81
Color Rendering Index (CRI)	

**Light Color**  
Correlated Color Temperature (CCT) 5313 (Daylight)

2700K 3000K 4500K 6500K

Warm White Bright White Daylight

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit [www.lightingfacts.com](http://www.lightingfacts.com) for the Label Reference Guide.

Registration Number: WJP2-H7AFF4 (2/16/2012)  
Model Number: MLSDLB1850LED  
Type: Cove light

**LED lighting facts**  
A Program of the U.S. DOE

MaxLED

Light Output (Lumens)	503
Watts	8.7
Lumens per Watt (Efficacy)	58

Color Accuracy	82
Color Rendering Index (CRI)	

**Light Color**  
Correlated Color Temperature (CCT) 5313 (Daylight)

2700K 3000K 4500K 6500K

Warm White Bright White Daylight

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit [www.lightingfacts.com](http://www.lightingfacts.com) for the Label Reference Guide.

Registration Number: WJP2-TBZHKD (2/16/2012)  
Model Number: MLSDLB3350LED  
Type: Cove light



The manufacturer has certified this product to the California Energy Commission in accordance with California law.

Lighting layouts and spacing criteria available upon request

• All claims are backed by LM-80 and LM-79 test reports. Visit [Maxlite.com](http://Maxlite.com) to download copies of test reports.

MaxLite®: 1-800-555-5629 | Fax: 973-244-7333 | Web: [www.maxlite.com](http://www.maxlite.com) | E-mail: [info@maxlite.com](mailto:info@maxlite.com)

**MAXLITE**  
Revised: 07-24-13