MaxLiTe®

A NEW WAVE OF LIGHT

LED LITEBARS™ FOR HIGH-PERFORMING, CONTINUOUS LIGHTING

MAY 31, 2018

MaxLiTe UNIVERSITY

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MAXLITE WEBINARS:

Agenda

- **LED LiteBars™**
  - Introduction
  - Applications
  - Features
  - Specifications
  - Accessories
  - Brochure/FAQ
- MaxLite University
- Subscribe
- Social Media
- Q&A

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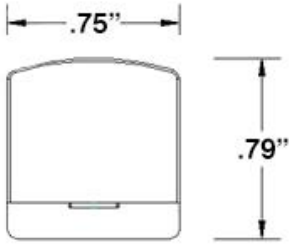
LED LiteBars™ LB Series

MaxLite LED LiteBars™ offer endless possibilities for designing functional or decorative lighting. Linkable in continuous runs, LiteBars produce beautiful, even light with superior dimming performance. Ultra-compact and simple to mount, the bars can navigate the tightest corners and illuminate the smallest spaces with ease.



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LITEBAR™ APPLICATIONS

- Under cabinet
- Accent & indirect lighting
- Display
- Cove lighting
- Wall washing
- Base cabinet toe kick

APPLICATIONS

UNDER CABINETS

COVES

DISPLAY CASES

ACCENT

INDIRECT LIGHTING

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LITEBAR™ FEATURES

- Dimmable down to 10%, with forward phase or reverse phase dimmers
- Operating Temperature 0°-104°F
- Patent-pending integrated connector allows LiteBars to be connected for long runs of up to 40’
- 3 mounting options available: Standard bracket, Pivot bracket, Magnetic mounting
- Hardwire and plug-in configurations available
- Suitable for damp locations
- 120 Vac operation at 60Hz

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MAXLITE WEBINARS:

Model	Size	Wattage	Lumens
LB06xx	6”	3	150
LB12xx	12”	6	300
LB24xx	24”	12	650
LB36xx	36”	18	950
LB48xx	48”	24	1,300

- Unique connecting system
- 3 Mounting methods
  - Pivot, Magnetic, Bracket
- Available in 2700K, 3500K and 5000K
- 120V 60Hz
- Phase Dimming standard
- 5 year warranty
- A la carte ordering

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LITEBAR™ SPECIFICATIONS

SPECIFICATIONS:		LB06XX	LB12XX	LB24XX	LB36XX	LB48XX
ITEM	SPECIFICATION	DETAILS				
GENERAL PERFORMANCE	Power Consumption	2.1	4.3	7.9	12.2	16.0
	Lumens	148	341	657	987	1,330
	Efficacy (lm/W)	70	79	84	81	83
	CRI	>80 (90 CRI Available, Contact MaxLite for Info.)				
	Color Temperature (K)	2700K, 3500K, 5000K				
	L70 Lifetime (hours)	≥50,000				
	Color Consistency	Proprietary binning for uniform color				
ELECTRICAL	Power Factor	>0.9				
	Input Voltage	120V				
	Compatible Dimmers	See List of Compatible Dimmers				
PHYSICAL	Weight	Pending				
	Mounting	Standard bracket, Pivot bracket, Magnetic				
	Operating Temperature	0°F - 104°F				
CERTIFICATION	Certification	Energy Star, cULus, FCC				
	Material Usage	ROHS compliant				
	Environment	Damp locations				
	Warranty	5 years				

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LITEBAR™ - SIZES

LiteBars™ are available in the following sizes:

- 6”, 12”, 24”, 36”, 48”

CONSTRUCTION:

Enclosure: High quality extruded aluminum.

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

Driver: Integral driver maximizes efficiency without sacrificing light output, and allows for easy LiteBar™ connection to create continuous lighting.

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LITEBAR™ ACCESSORIES

LB-END - 14099577
End Cap

LB-BBC - 14098894
Bar-Bar Connector

LB-BBCF4 - 14098897
Bar-Bar Connector, Flexible 4”

LB-BBCF12 - 14098898
Bar-Bar Connector, Flexible 12”

LB-BBCF40 - 14098899
Bar-Bar Connector, Flexible 40”

LB-BBCR - 14098896
Bar-Bar Connector, 90 deg right

LB-BBCL - 14098895
Bar-Bar Connector, 90 deg left

LB-MB - 14098902
Mounting Bracket (2pcs per)

LB-PMB - 14098903
Pivot Mounting Bracket (2pcs per)

LB-MMB - 14098904
Magnetic Mounting Bracket (2pcs per)

LB-CBOX - 14098906
Connecter Box

LB-DBOX - 14098905
Distribution Box

LB-HWC70 - 14098900
70” Hardwire Cord

LB-PC48 - 14098901
40” Plug Cord

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LITEBAR™ CONNECTORS

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LITEBAR™ CONNECTORS

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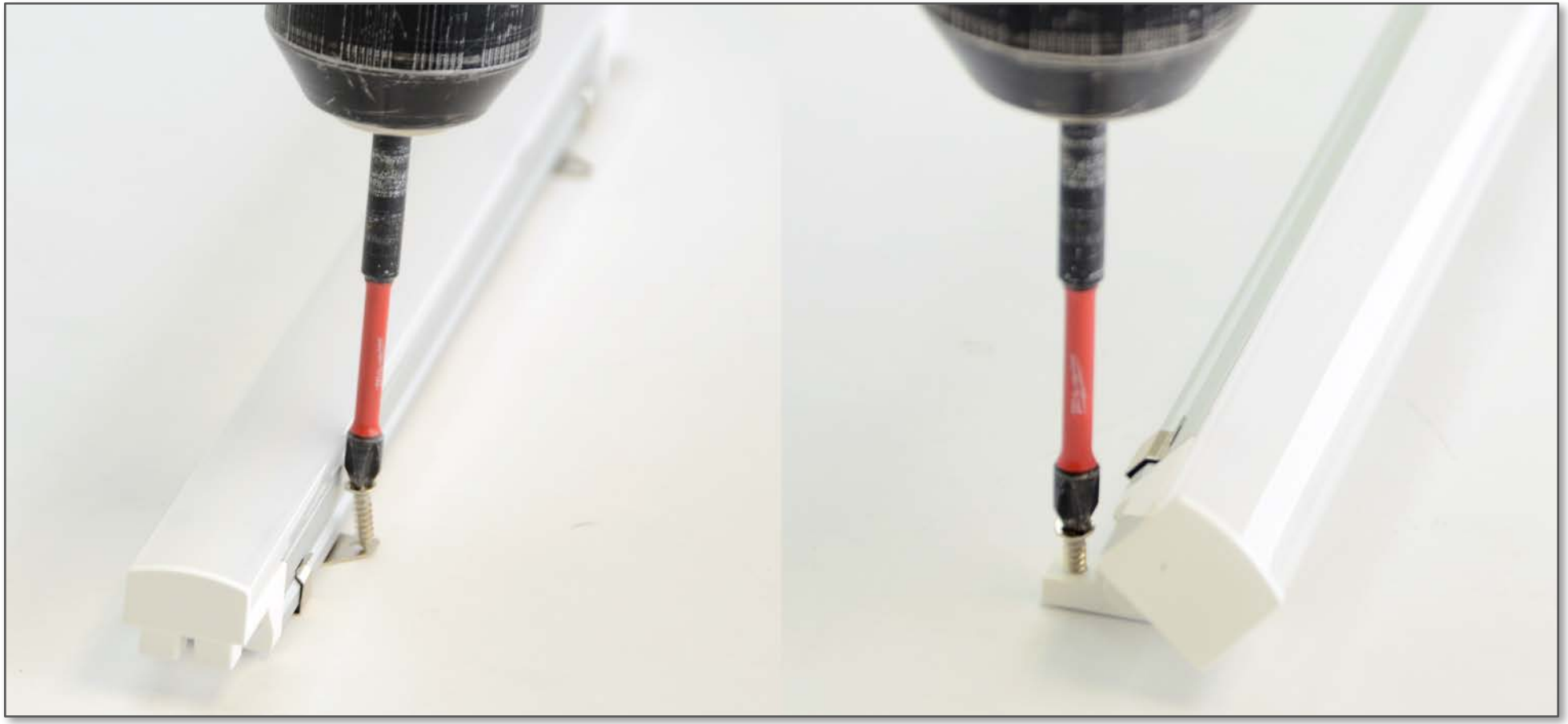
LITEBAR™ ACCESSORIES



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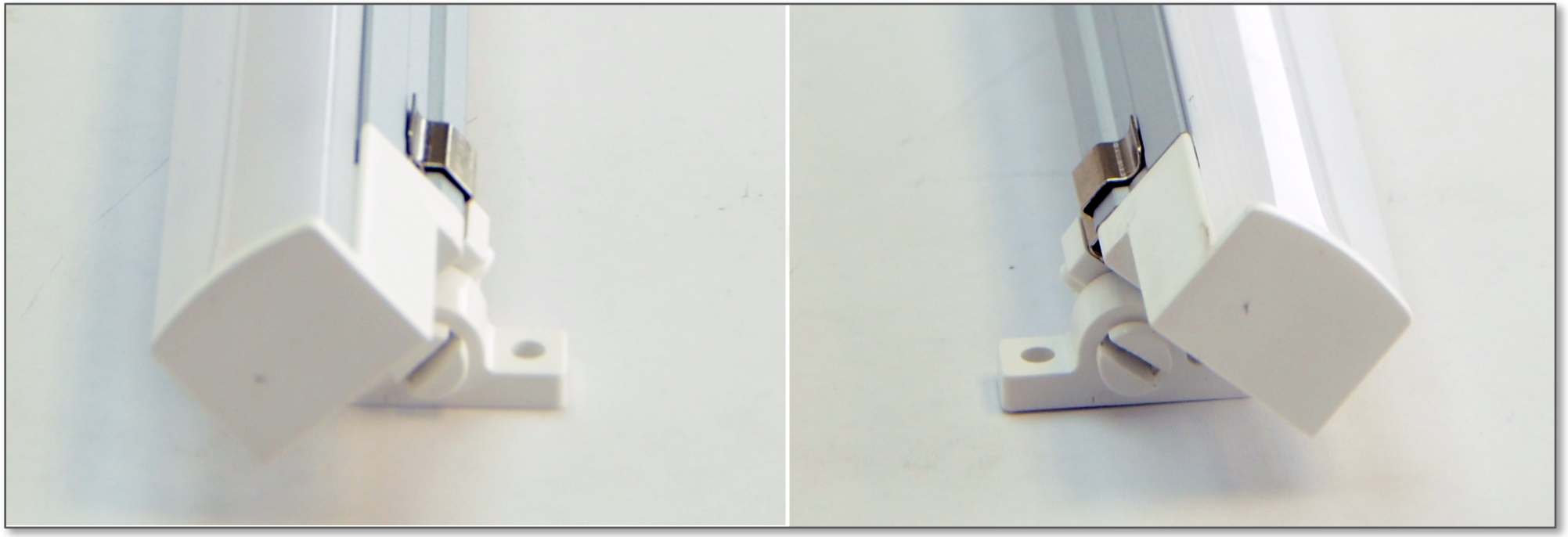
LITEBAR™ ACCESSORIES: PIVOT BRACKETS



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LITEBAR™ ACCESSORIES: MAGNETIC BRACKETS

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MAXLITE WEBINARS:

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MaxLiTe LiteBars™

MaxLite LED LiteBars™ offer near-endless possibilities for designing functional and decorative lighting. Linkable in continuous runs, LiteBars produce beautiful, even light with superior dimming performance. Ultra-compact and simple to mount, the bars can navigate the tightest corners and illuminate the smallest spaces with ease.

CCTs Available:

2700K 3500K 5000K

ENERGY STAR DLC LISTED c UL us LISTED FC RoHS COMPLIANT

LINKABLE

Patent-pending, integrated connector enables continuous runs of high quality light up to 60 feet long.

DIMMABLE

Smooth and even dimming down to 10 percent of full light output with standard phase-cut dimmers; also compatible with reverse-phase dimming. Exceptional dimming performance across the entire run.

UNIFORM LIGHT

Architectural-grade diffuser eliminates unsightly hot spots.

EASY MOUNTING

Convenient/flexible mounting options.Bracket, pivot and magnetic mounting options for flexible, convenient installation.

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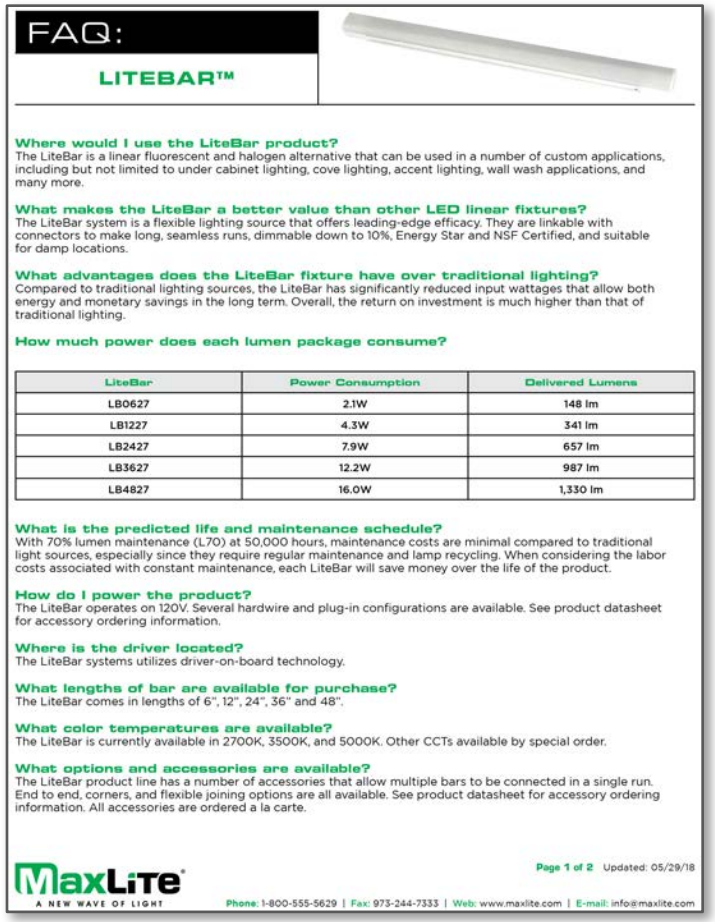
LITEBAR™ FAQ

View the LiteBar™ FAQ at:
http://www.maxlite.com/resources/PDFS/Flyers/MaxLite_FAQ-LiteBar.pdf



FAQ:

LITEBAR™

Where would I use the LiteBar product?
The LiteBar is a linear fluorescent and halogen alternative that can be used in a number of custom applications, including but not limited to under cabinet lighting, cove lighting, accent lighting, wall wash applications, and many more.

What makes the LiteBar a better value than other LED linear fixtures?
The LiteBar system is a flexible lighting source that offers leading-edge efficacy. They are linkable with connectors to make long, seamless runs, dimmable down to 10%, Energy Star and NSF Certified, and suitable for damp locations.

What advantages does the LiteBar fixture have over traditional lighting?
Compared to traditional lighting sources, the LiteBar has significantly reduced input wattages that allow both energy and monetary savings in the long term. Overall, the return on investment is much higher than that of traditional lighting.

How much power does each lumen package consume?

LiteBar	Power Consumption	Delivered Lumens
LB0627	2.1W	148 lm
LB1227	4.3W	341 lm
LB2427	7.9W	657 lm
LB3627	12.2W	987 lm
LB4827	16.0W	1,330 lm

What is the predicted life and maintenance schedule?
With 70% lumen maintenance (L70) at 50,000 hours, maintenance costs are minimal compared to traditional light sources, especially since they require regular maintenance and lamp recycling. When considering the labor costs associated with constant maintenance, each LiteBar will save money over the life of the product.

How do I power the product?
The LiteBar operates on 120V. Several hardwire and plug-in configurations are available. See product datasheet for accessory ordering information.

Where is the driver located?
The LiteBar systems utilizes driver-on-board technology.

What lengths of bar are available for purchase?
The LiteBar comes in lengths of 6", 12", 24", 36" and 48".

What color temperatures are available?
The LiteBar is currently available in 2700K, 3500K, and 5000K. Other CCTs available by special order.

What options and accessories are available?
The LiteBar product line has a number of accessories that allow multiple bars to be connected in a single run. End to end, corners, and flexible joining options are all available. See product datasheet for accessory ordering information. All accessories are ordered a la carte.

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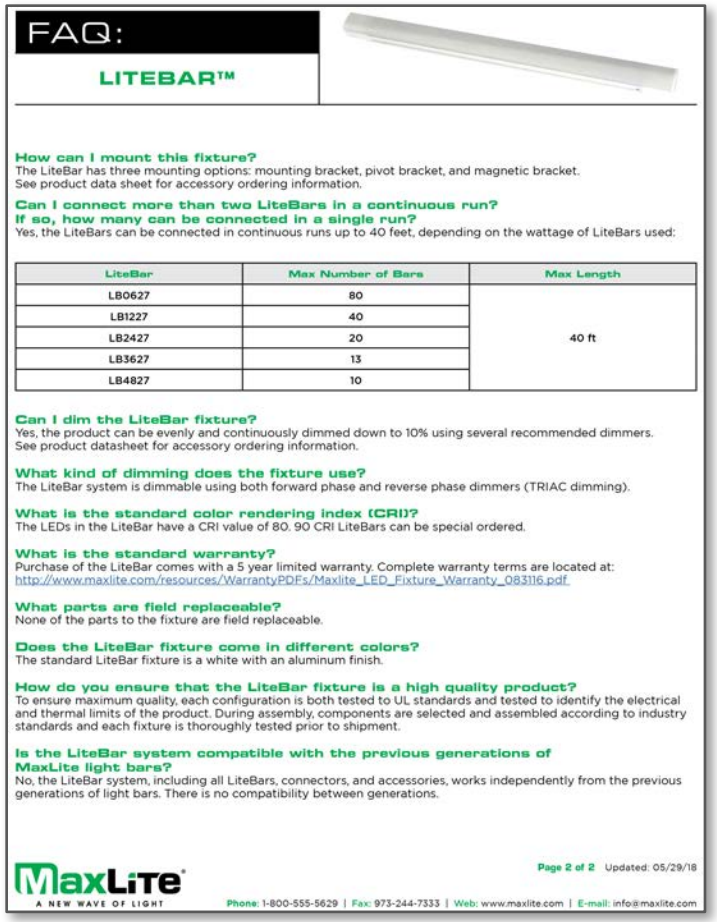

FAQ:

LITEBAR™

How can I mount this fixture?
The LiteBar has three mounting options: mounting bracket, pivot bracket, and magnetic bracket.
See product data sheet for accessory ordering information.

Can I connect more than two LiteBars in a continuous run? If so, how many can be connected in a single run?
Yes, the LiteBars can be connected in continuous runs up to 40 feet, depending on the wattage of LiteBars used:

LiteBar	Max Number of Bars	Max Length
LB0627	80	40 ft
LB1227	40	
LB2427	20	
LB3627	13	
LB4827	10	

Can I dim the LiteBar fixture?
Yes, the product can be evenly and continuously dimmed down to 10% using several recommended dimmers.
See product datasheet for accessory ordering information.

What kind of dimming does the fixture use?
The LiteBar system is dimmable using both forward phase and reverse phase dimmers (TRIAC dimming).

What is the standard color rendering index (CRI)?
The LEDs in the LiteBar have a CRI value of 80. 90 CRI LiteBars can be special ordered.

What is the standard warranty?
Purchase of the LiteBar comes with a 5 year limited warranty. Complete warranty terms are located at:
http://www.maxlite.com/resources/WarrantyPDFs/Maxlite_LED_Fixture_Warranty_083116.pdf

What parts are field replaceable?
None of the parts to the fixture are field replaceable.

Does the LiteBar fixture come in different colors?
The standard LiteBar fixture is a white with an aluminum finish.

How do you ensure that the LiteBar fixture is a high quality product?
To ensure maximum quality, each configuration is both tested to UL standards and tested to identify the electrical and thermal limits of the product. During assembly, components are selected and assembled according to industry standards and each fixture is thoroughly tested prior to shipment.

Is the LiteBar system compatible with the previous generations of MaxLite light bars?
No, the LiteBar system, including all LiteBars, connectors, and accessories, works independently from the previous generations of light bars. There is no compatibility between generations.

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The MaxLite University Lighting Degree program offers three comprehensive courses in lighting fundamentals, ranging from beginner to advanced learning. It's free and eligible for the following continuing education units from the American Lighting Association:

- **Lighting Fundamentals - ALA: 4 CLC Credit Hours**
- **Lighting Fundamentals (Intermediate) - ALA: 2 CLC Credit Hours**
- **Lighting Fundamentals (Advanced) – ALA: 3 CLC Credit Hours**

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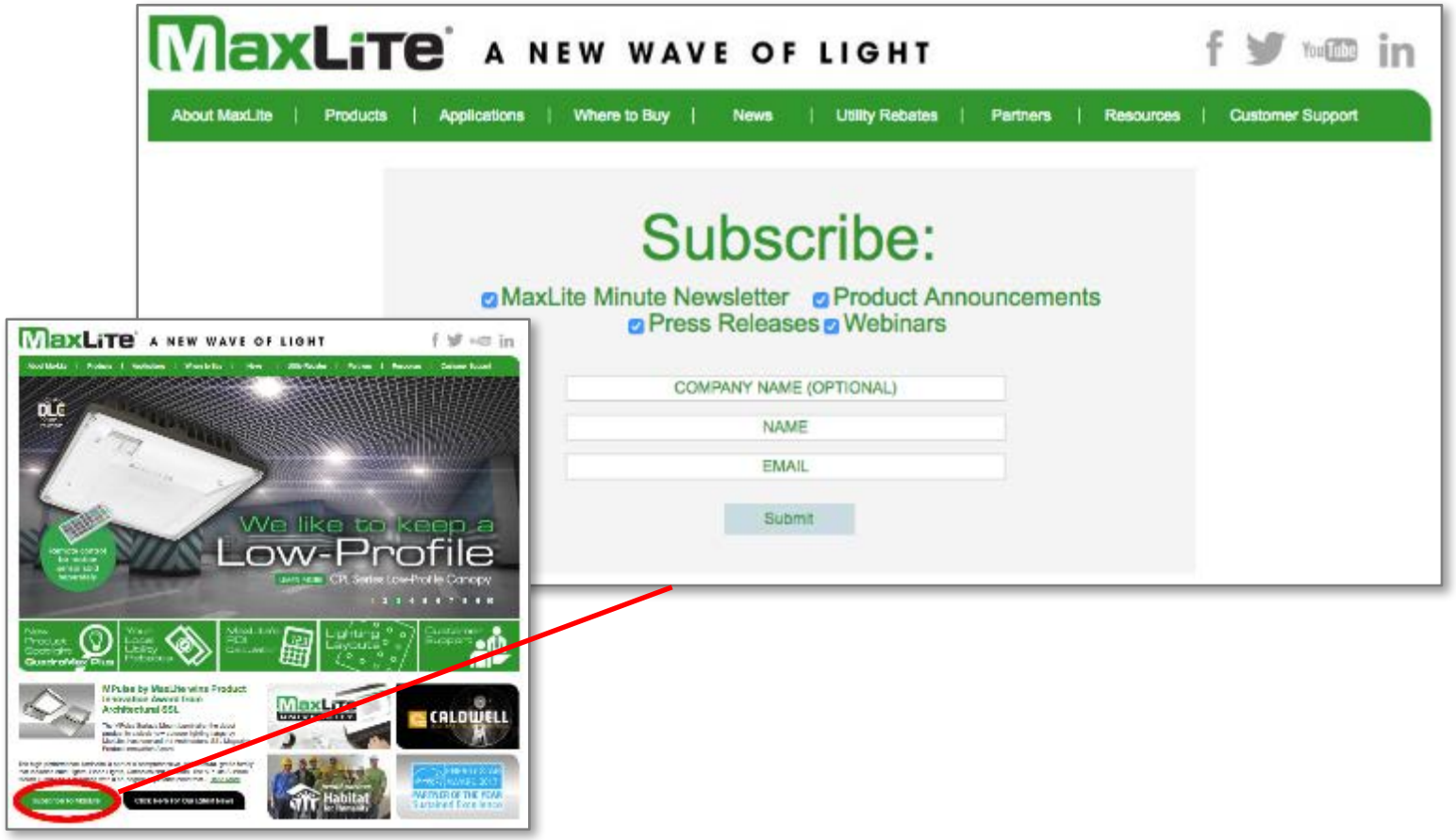

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THANKS FOR ATTENDING!

QUESTIONS/ANSWERS

Thank you everyone for your attention! Please feel free to use this opportunity to ask any questions you may have about MaxLite or the products shown in this presentation.

FOR MORE INFORMATION ABOUT OTHER MAXLITE PRODUCTS, OR FOR LIGHTING QUESTIONS IN GENERAL; PLEASE CONTACT:

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