MaxLiTe®

A NEW WAVE OF LIGHT

QuadroMAX & Selecting The Right Outdoor Products

January 28, 2016

TODAY'S AGENDA

- Strategies for selecting the right outdoor product.
- Why QuadroMAX is unique.
- New outdoor products from MaxLite.

STRATEGIES

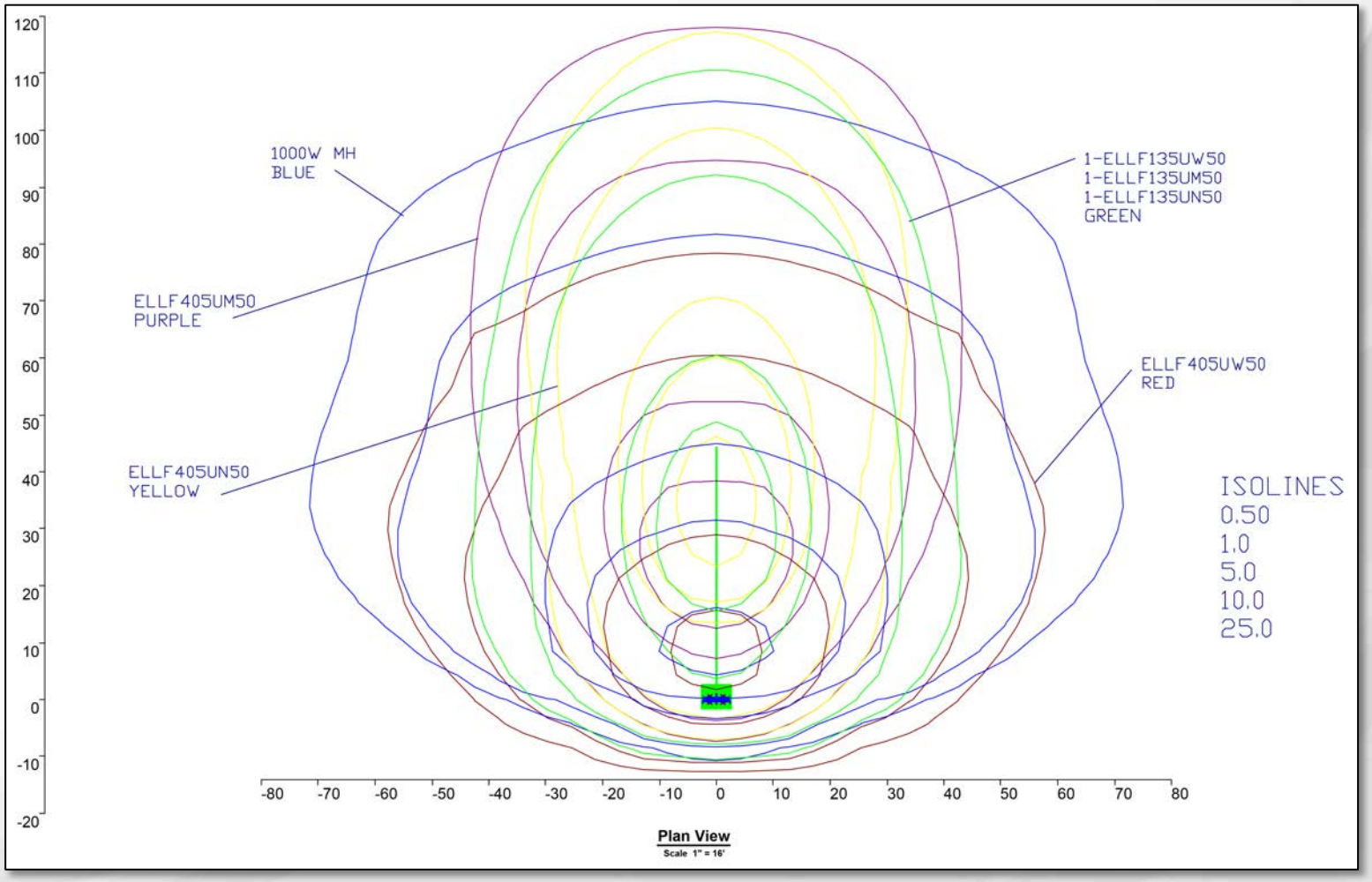
- **Listen:**
  - Ask probing questions
  - Keep client engaged
  - Direct presentation to their needs
  - Prepare for the unanticipated
  - Make the client an educated consumer

STRATEGIES

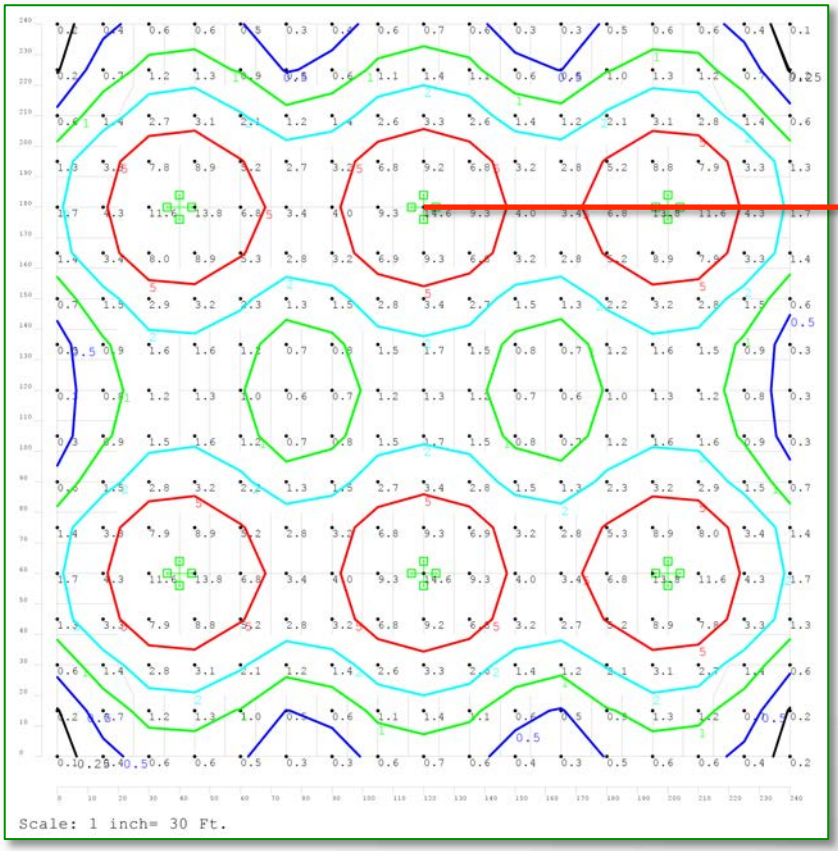
- Simple one for one

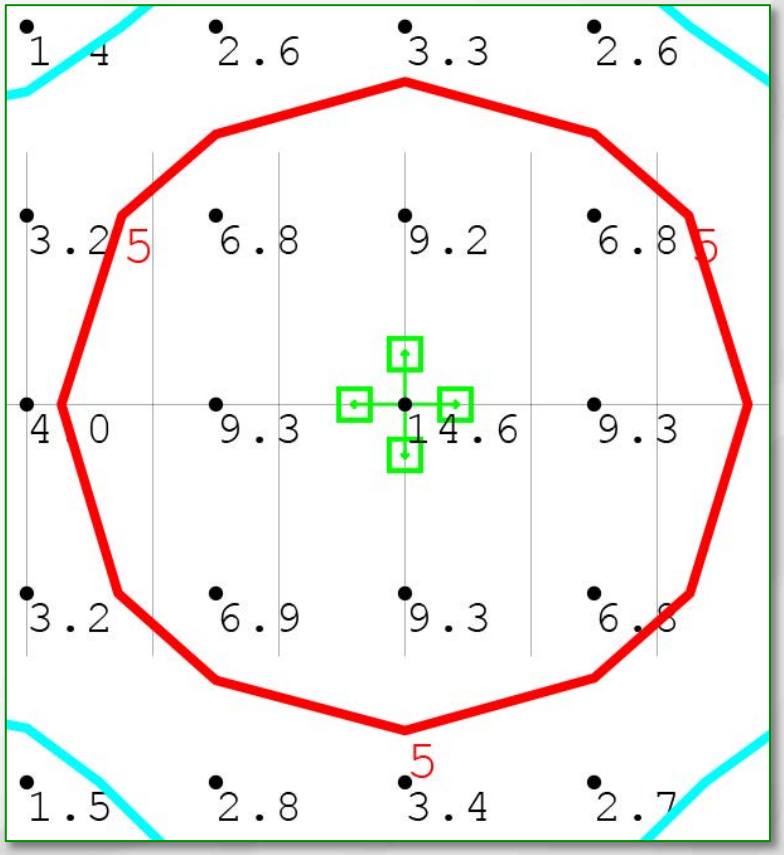
STAXMAX VS. 1000W OVERLAY

- Optics are critical



MERAK PARKING LOT LAYOUT





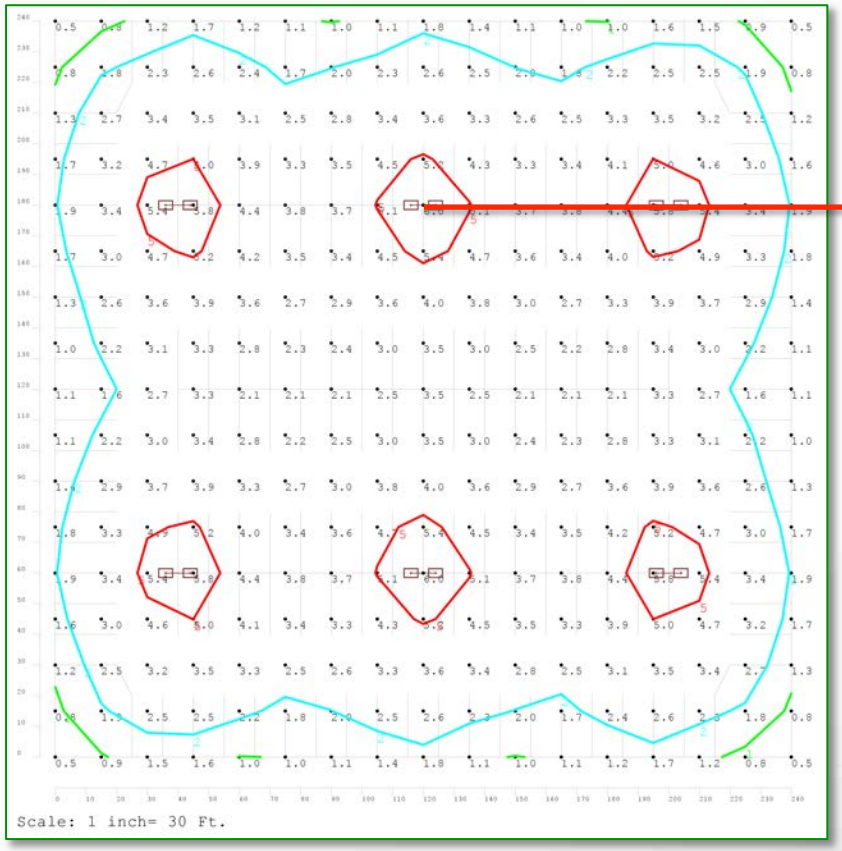
Luminaire Schedule

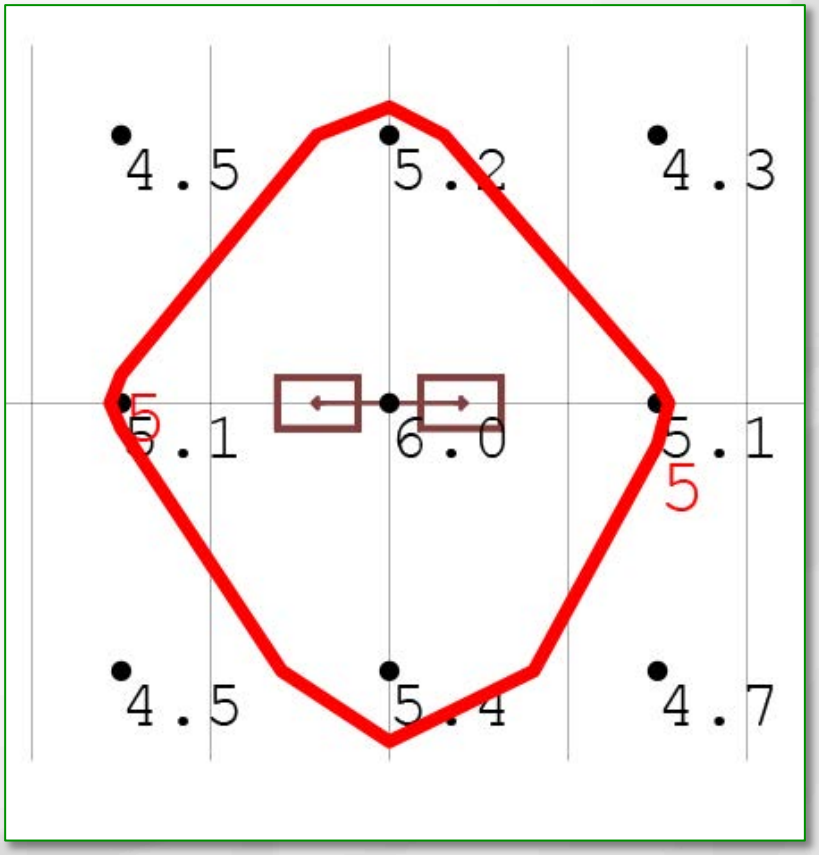
Symbol	Qty	Label	Arrangement	LLF	Description
	6	B4-MELR90U350	4 @ 90 DEGREES	1.000	MELR90U350 POLED MOUNTED @ 20' AFG.

Calculation Summary

Description	CalcType	Avg	Max	Min	Avg/Min	Max/Min
PARKING LOT 240X240	Illuminance	2.90	14.6	0.1	29.00	146.00

QUADROMAX PARKING LOT LAYOUT





Luminaire Schedule

Symbol	Qty	Label	Arrangement	LLF	Description
	6	L2-QM6Ax7T350xx	BACK-BACK	1.000	QM6AU7T350 Quadromax 6 module type3 POLE MOUNTED @

Calculation Summary

Description	CalcType	Avg	Max	Min	Avg/Min	Max/Min
PARKING LOT 240X240	Illuminance	2.92	6.0	0.5	5.84	12.00

RETURN ON INVESTMENT (ROI)

- **ROI from 250 wmh to MELR90 - 250 wmh to 160 QuadroMAX**

Factors	Existing	MaxLite
Type *	Outdoor Fixture	
	Area & Flood Lights	Roadway
Wattage *	250.0 W	90.0 W
Custom Wattage	290.0	
Product *	250 Watt Metal Halide	MELR90U350
Lamp/Fixture Price *	170.00	400.00
Rebate on Lamp/Fixture		0.00
Number of Lamps/Fixtures *	24	24
Electricity Cost Per kWh *	0.15	
Days of Runtime Per Year *	365	
Hours of Runtime Per Day *	12	
Dimming Level Percentage	Dimming Percentage	
Lamp/Fixture Lifetime (hrs) *	15000	118000
	Calculate	

Denotes required field
*Assumes new construction, if completing a retrofit calculation, please change the cost of the existing lamp/fixture to $0

Time Until Payback	1.615 years
Total Energy Savings Over the Life of the MaxLite Lamp/Fixture	566,387 kWh
Total Savings Over the Life of the MaxLite Lamp/Fixture	$ 91,188.67

Factors	Existing	MaxLite
Type *	Outdoor Fixture	
	Area & Flood Lights	Area Lights
Wattage *	250.0 W	160.0 W
Custom Wattage	290.0	
Product *	250 Watt Metal Halide	QM6A_7__50PMB
Lamp/Fixture Price *	170.00	584.00
Rebate on Lamp/Fixture		0.00
Number of Lamps/Fixtures *	24	12
Electricity Cost Per kWh *	0.15	
Days of Runtime Per Year *	365	
Hours of Runtime Per Day *	12	
Dimming Level Percentage	Dimming Percentage	
Lamp/Fixture Lifetime (hrs) *	15000	100000
	Calculate	

Denotes required field
*Assumes new construction, if completing a retrofit calculation, please change the cost of the existing lamp/fixture to $0

Time Until Payback	0.768 years
Total Energy Savings Over the Life of the MaxLite Lamp/Fixture	503,977 kWh
Total Savings Over the Life of the MaxLite Lamp/Fixture	$ 80,738.42

QuadroMAX®

UNIVERSAL, SCALABLE OUTDOOR LIGHTING FIXTURE

8	5	4	1
Powerful Arms	Wattage Configurations	Categories of Lighting	Sleek Body

Meet QuadroMAX, a single fixture that can be scaled across four main categories of outdoor lighting (Area, Flood, Wall Pack, Canopy) and multiple applications. Using eight different mounting arms, the fixture can be customized into virtually any type of outdoor fixture. View the product video at QuadroMAX.com

MaxLiTe®
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DLC

Universal Appeal

The QuadroMAX makes it possible to light an entire site using a single product for a look that is uniform and visually appealing.

Area Light | Wall Pack | Flood Light | Canopy

MODEL SELECTION Typical order example: **QM5AH7T340PMBBPC**

FAMILY	LED ENGINES	DRIVER	DRIVE CURRENT	DISTRIBUTION	CCT	MOUNTING	COLOR	PC & SS OPTIONS
QM= QuadroMAX LED Fixture	**2A=** 24 LEDs (55W) 6000-6300 lm **3A=** 36 LEDs (80W) 9000-9300 lm **4A=** 48 LEDs (110W) 12,000-12,600 lm **5A=** 60 LEDs (135W) 14,800-15,500 lm **6A=** 72 LEDs (160W) 17,800-18,600 lm	**U=** 120-277V **H=** 347-480V*	**7=** 700MA	**T3=** Type III **T4=** Type IV **T5=** Type V	**40=** 4000K **50=** 5000K	**PM=** Pole Mount **SK=** Slipfitter Knuckle **SF=** Slipfitter Fixed **TS=** Trunnion Swivel **WP=** Wall Pack **KS=** Knuckle Surface Mount **FS=** Fixed Surface Mount **CP=** Canopy Mount	**B=** Bronze (std.) Consult factory for other colors	**OMIT=** None **MS4=** Sensor (Hi/Low/Off) **RPC=** NEMA Rotatable Photocontrol Receptacle **PR5=** Photocontrol Receptacle 5-pin **PR7=** Photocontrol Receptacle 7-pin **BPC=** Button Photocontrol Receptacle

QuadroMAX.com

***347-480V - 110W, 135W, & 160W** In Stock Now
347-480V - 55W & 80W Available January 2016

QUADROMAX:

Scalability

We know that, when it comes to lighting, one size does not fit all. The QuadroMAX fixture is scaled up or down according to your project needs, so you receive a fixture that is sized right for the wattage, the application and your budget.

Equivalent to: 150W HID	Equivalent to: 250W HID	Equivalent to: 320W - 400W HID	Equivalent to: 400W HID	Equivalent to: 400W HID

Equivalency dependant on current depreciation state and/or targeted light levels

The QuadroMAX accommodates up to 160W of LEDs and three different NEMA distributions (Type III, IV, V) to create a custom solution for any application. In every configuration, the QuadroMAX delivers leading-edge efficacy of more than 110 lumens per watt.

Model Numbers	QM2Ax7yyzzWPB	QM3Ax7yyzzWPB	QM4Ax7yyzzWPB	QM5Ax7yyzzWPB	QM6Ax7yyzzWPB	LED Wallpack Fixtures
	QM2Ax7yyzzCPB	QM3Ax7yyzzCPB	QM4Ax7yyzzCPB	QM5Ax7yyzzCPB	QM6Ax7yyzzCPB	LED Canopy Fixtures
	QM2Ax7yyzzPMB	QM3Ax7yyzzPMB	QM4Ax7yyzzPMB	QM5Ax7yyzzPMB	QM6Ax7yyzzPMB	LED Area Light Fixtures
	QM2Ax7yyzzSKB	QM3Ax7yyzzSKB	QM4Ax7yyzzSKB	QM5Ax7yyzzSKB	QM6Ax7yyzzSKB	LED Flood Light Fixtures
	QM2Ax7yyzzSFB	QM3Ax7yyzzSFB	QM4Ax7yyzzSFB	QM5Ax7yyzzSFB	QM6Ax7yyzzSFB	LED Fixed Slipfitter Fixtures
	QM2Ax7yyzzTSB	QM3Ax7yyzzTSB	QM4Ax7yyzzTSB	QM5Ax7yyzzTSB	QM6Ax7yyzzTSB	LED Trunnion Fixture
	QM2Ax7yyzzKSB	QM3Ax7yyzzKSB	QM4Ax7yyzzKSB	QM5Ax7yyzzKSB	QM6Ax7yyzzKSB	LED Surface Adjustable
	QM2Ax7yyzzFSB	QM3Ax7yyzzFSB	QM4Ax7yyzzFSB	QM5Ax7yyzzFSB	QM6Ax7yyzzFSB	LED Surface Fixed
	⬇	⬇	⬇	⬇	⬇	
Specifications	55	80	110	135	160	Input Wattage
	120-277V	120-277V	120-277V, 347-480V	120-277V, 347-480V	120-277V, 347-480V	Voltages
	700 mA	700 mA	700 mA	700 mA	700 mA	Drive Current
	6300 lm	9300 lm	12,600 lm	15,500 lm	18,600 lm	Delivered Lumens (lm)
	70	70	70	70	70	Color Rendering Index (CRI)
	4000K, 5000K	4000K, 5000K	4000K, 5000K	4000K, 5000K	4000K, 5000K	Color Temperature (CCT)
	Type III, IV, V	Type III, IV, V	Type III, IV, V	Type III, IV, V	Type III, IV, V	Distributions
	0-10V	0-10V	0-10V	0-10V	0-10V	Dimming Type

x = U for 120-277V; H for 347-480V
yy= T3 for Type III; T4 for Type IV; T5 for Type V
zz= 40 for 4000K; 50 for 5000K

QuadroMAX.com

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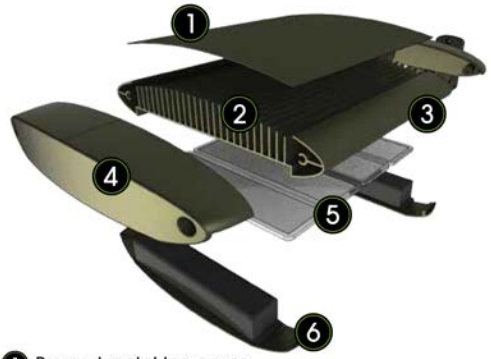
12 York Ave.
West Caldwell, NJ 07006
T: 1-800-555-5629 **F:** 973-244-7333
www.maxlite.com



1. Pressed metal top cover
2. Single extruded aluminum LED heat sink
3. Slick rounded body contour for low EPA and great look
4. Die cast end caps
5. High efficacy LED engines and optics
6. Independent and isolated compartments for driver & sensors

110 Lumens Per Watt

10 YEAR WARRANTY

Quickest Turnarounds

We keep the QuadroMAX in stock and just add the mounting part you need. This means customers can order a specification-grade, customizable fixture that ships in the same amount of time as a standard product.

Best-In-Class Protection

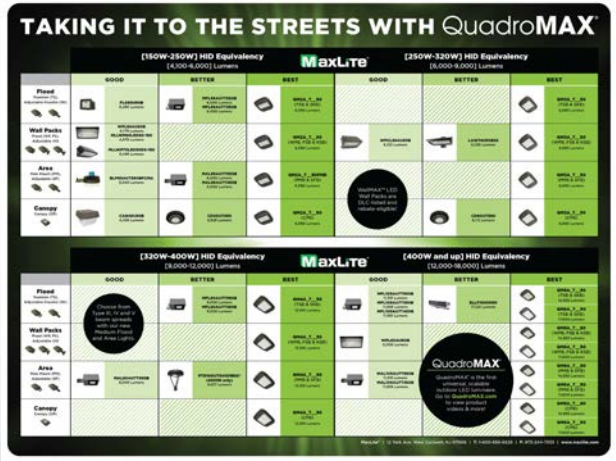
The QuadroMAX is engineered with state-of-the-art LEDs and 20KV surge suppression to protect the fixture from power surges. A maintenance-free lifetime of 100,000 hours, limited ten-year warranty and lifetime customer support make the QuadroMAX the smart choice for converting lighting systems to the energy- and cost saving benefits of LED.

View the product video at QuadroMAX.com

QUADROMAX HAS GOT POP!

QuadroMAX
Mobile

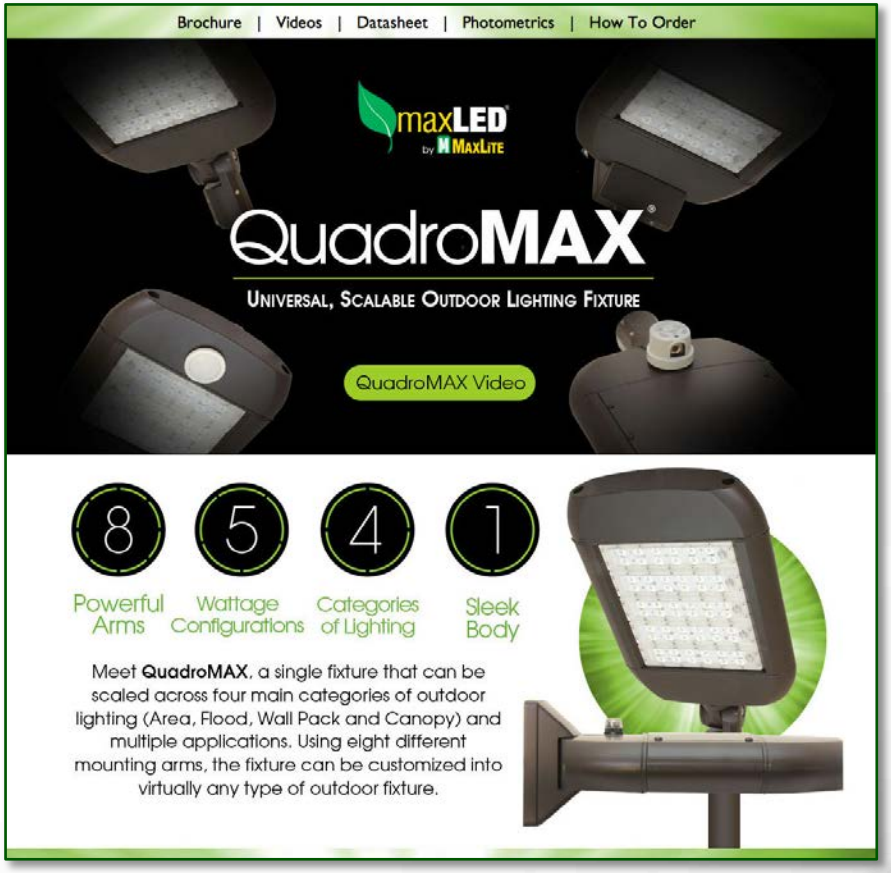
(Coming Feb 2016)



QuadroMAX
Counter Mat

QuadroMAX
Hanging Banner

QUADROMAX.COM



Visit QuadroMAX.com for **product videos, Datasheets, Photometrics, Ordering Information** and more!

NEW OUTDOOR PRODUCTS

- Small Floods
- Architectural Floods
- Security Lights
  - Low Profile
  - Architectural

15- to 50-Watt LED Small Floods

Designed to deliver high efficacy and reduced wattages similar to wide beam models, Small LED Flood Lights create bright, shadow-free security and spot lighting for a variety of outdoor applications, including facades, landscapes, public places, retail and residential complexes, and hospitality.

LED Architectural Floods

Blending cutting edge optics with smooth curves, LED Architectural Flood Lights are the ultimate design tool for transforming buildings and outdoor spaces into works of art.

LED Low-Profile Security Light

MaxLite's LED Low-Profile Security Light with dusk-to-dawn photocell and emergency battery backup feature delivers high quality, ADA-compliant illumination for walkways, entryways, stairwells and other outdoor locations.

LED Architectural Security Light

The Architectural Security Light with integrated dusk-to-dawn photocell combines performance and design.

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PROJECT NAME:_____ CATALOG NUMBER:_____

NOTES:_____ FIXTURE SCHEDULE:_____

LED SMALL FLOOD
FLS SERIES

See page 3 for dimensions

PRODUCT DESCRIPTION:
The LED Small Floods are efficient, energy-saving replacements for metal halide and quartz halogen fixtures. Each luminaire features an integral listed driver, potted within a separate compartment to ensure cool operation and longer lifetime. The 15-, 20-, 40-, and 50-watt luminaires can mount at a broad range of angles with a yoke style arm and a 1/2" NPT threaded nipple.

FEATURES:
- Replaces 100 watt quartz halogen through 250 watt metal halide lamps
- Up to 210,000-hour L70 lifetime, TM-21 standards @ 25°C
- Available with polycarbonate lens option
- Wide and Narrow beam distributions available
- Reflector reduces glare and improves appearance
- Compatible with mechanical relay type Photocell
- LM-79/80 reports available
- Sealed fixture is dirt and bug free
- 5 year warranty

MOUNTING:
All models come standard with a yoke and a ½" NPT strain relief fitting for easy installation

MODEL SELECTION (Full list of order codes on pg. 2) — Typical order example: FLS20U50B/NPC

FLS		U	50			
FAMILY	**NOMINAL POWER, EQUIVALENCY**	**VOLTAGE**	**CCT**	**FINISH**	**DISTRIBUTION**	**LENS**
FLS= Small Flood	**15=** 15W, 100W Quartz Halogen equivalent **20=** 25W, 150W Metal Halide equivalent **40=** 40W, 175W Quartz Halogen equivalent **50=** 50W, 250W Metal Halide equivalent	**U=** 120-277V	**40=** 4000K **50=** 5000K	**B=** Bronze, std **W=** White	**(OMIT)=** Wide* **/N=** Narrow*	**(OMIT)=** Glass, std **PC=** Polycarbonate

NOTES:
1. *See Specifications Table for NEMA distributions.
2. FLS40 models with PC lens pending DLC qualification.

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LED SMALL FLOOD
FLS SERIES

SPECIFICATIONS:

ITEM	SPECIFICATION	FLS15 UXXB	FLS20 UXXB	FLS40 UXXB	FLS50 UXXB	FLS15 UXXB/N	FLS20 UXXB/N	FLS40 UXXB/N	FLS50 UXXB/N
		DETAILS							
GENERAL PERFORMANCE	Horizontal NEMA Beam Spread	6H	7H	7H	7H	5H	4H	5H	5H
	Vertical NEMA Beam Spread	6V	6V	6V	7V	5V	4V	5V	5V
	Input Power (W)	14	19	36	49	14	18	36	49
	Lumens Delivered, 4000K (lm)	1400	2195	4525	5315	1495	2315	4545	5270
	Lumens Delivered, 5000K (lm)	1260	1985	4010	5290	1255	2000	3705	5420
	Efficacy (lm/W)	95-113	109-124	112-123	107-108	96-121	111-130	105-123	106-110
	Lumen Maintenance (L70 hours, TM-21 @ 25°C)	210,000	210,000	55,000	55,000	210,000	210,000	55,000	55,000
	Color Rendering Index (CRI)	≥70							
	CCT	5000K							
	Spacing Criteria	Available Upon Request							
	Color Consistency	Proprietary binning for uniform color							
ELECTRICAL	Power Factor (277V)	> 0.88							
	Input Voltage (V)	120-277, 50/60Hz							
PHYSICAL	Housing	Die-cast aluminum							
	Lens	Tempered Glass; Polycarbonate optional							
	Mounting	Yoke with ½" threaded fitting							
CERTIFICATION	Certifications	cULus, LM-79, LM-80, TM-21, DLC Standard (FLS15, FLS40, FLS50), DLC PREMIUM (FLS20)							
	Operating Temperature	-30°F to 130°F							
	Environment	Outdoor, wet locations							
	Humidity	20% - 85% RH, non condensing							
	Warranty	5 Year							

ORDERING:

ORDER CODE	MODEL	DISTRIBUTION	NOMINAL POWER (WATTS)	FINISH	CCT
77088	FLS15U50B	WIDE	15	BRONZE	5000K
77067	FLS15U50B/N	NARROW	15	BRONZE	
95360	FLS15U50W	WIDE	15	WHITE	
77089	FLS20U50B	WIDE	20	BRONZE	
77069	FLS20U50B/N	NARROW	20	BRONZE	
77090	FLS40U50B	WIDE	40	BRONZE	
77071	FLS40U50B/N	NARROW	40	BRONZE	
95362	FLS40U50W	WIDE	40	WHITE	
77091	FLS50U50B	WIDE	50	BRONZE	
77073	FLS50U50B/N	NARROW	50	BRONZE	

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MAX15121 Revised: 01-11-16 MaxLite

MaxLite
A NEW WAVE OF LIGHT

PROJECT NAME:_____ CATALOG NUMBER:_____

NOTES:_____ FIXTURE SCHEDULE:_____

LED ARCHITECTURAL FLOOD
AF SERIES

c UL us LISTED

100K HOURS

AFB50U641KSBSS

AFC80U641KLBSS

AFD110U641KLBSS

AFD150U341KLBSS

PRODUCT DESCRIPTION:
The Architectural Flood family of fixtures combines performance and design in a value package. Available in 3 sizes wattage of this flood family ranges from 49W to 150W. The small size unit is available with a ½" threaded adjustable knuckle while the larger 2 sizes are available with a 2-3/8" slipfitter adjustable arm. Typical applications include general area lighting, facade, landscape as well as signage or displays.

FEATURES:
- 5,660 to 13,940 lumens
- 90+ LPW
- 120-277V Universal Voltage Driver
- NEMA 6X6 (3x3 distributions on 150w version)
- IP65-rated
- CRI: >70
- CCT: 4000K (nominal)
- 100,000 hour life (L70)
- 10 kA surge protection standard;
- 5 year limited warranty

CONSTRUCTIONS:
Die cast aluminum body with integrated heat sinking to maximize performance and long fixture life.
- IP65 rated
- Stainless steel hardware
- Specular vacuum metalized reflector optics
- Tempered front glass
- 1-1/2" Adjustable Knuckle Slipfitter arm (80w-1800)
- TGIC Polyester Powder Coat Finish. Bronze standard.
- 10kA Surge Protection Standard in accordance with IEEE/ANSI C62.41.2
- Operating Temperature Range; -40°F to 104°F (-40°C to 40°C)

MODEL SELECTION (Full list of order codes on pg. 2) — Typical order example: AFD110U641KLBSS

AF		U		41		B	SS
FAMILY	SIZE, WATTAGE & EQUIVALENT	VOLTAGE	DISTRIBUTION	CCT	MOUNTING	COLOR	SURGE PROTECTION
AF= LED Architectural Flood	**B50=** B Size, 49W, 175W MH **C80=** C Size, 75W, 250W MH **D110=** D Size, 114W, 400W MH **D150=** D Size, 150W, 400W MH	**U=** 120-277V	**3=** NEMA 3x3[2] **6=** NEMA 6x6[1]	**41=** 4000K	**KS=** Knuckle Small (1/2" threaded arm)[3] **KL=** Knuckle Large (2-3/8" Slipfitter)	**B=** Bronze, std	**SS=** 10kA Surge Suppressor, std

1. Not available for D150W
2. Only available for D150W
3. Only available for B50

MaxLite
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LED ARCHITECTURAL FLOOD FIXTURE
AR SERIES

SPECIFICATIONS:

ITEM	SPECIFICATION	AFB50U641KSBSS DETAILS	AFC80U641KLBSS DETAILS	AFD110U641KLBSS DETAILS	AFD150U341KLBSS DETAILS
GENERAL PERFORMANCE	Wattage (W)	49	75	114	150
	Lumens (lm)	5,660	8,070	12,010	13,940
	Efficacy (lm/W)	115	107	105	93
	NEMA Distribution	6x6	6x6	6x6	3x3
	Color Temperature (CCT)	4000K			
	CRI	70 min			
	Lumen Maintenance (L70 @ 25°C)	≥100,000 Hrs			
ELECTRICAL	Power Factor	>0.90			
	Input Voltage	120V-277V, 50/60 Hz			
PHYSICAL	Housing	Die cast aluminum with powder coat paint			
	Lens	Tempered Glass			
	Mounting	1/2" NPT or 2-3/8" OD. Slipfitter			
	Humidity	5% - 90% RH, non condensing			
	Operating Temperature	-22°F to 104°F			
CERTIFICATION	Certification	UL 1598, LM79, LM80			
	Environment	IP65			
	Material Usage	RoHS compliant; no mercury			
	Warranty	5 years			

ORDERING*:

ORDER CODE	MODEL	WATTAGE	EQUIVALENT	LUMENS	NEMA DISTRIBUTION	MOUNTING	CCT
76680	AFB50U641KSBSS	49W	175W Metal Halide	5,660	6x6	1/2" NPT	4000K
76681	AFC80U641KLBSS	75W	250W Metal Halide	8,070	6x6	2-3/8" Slipfitter	
76683	AFD110U641KLBSS	114W	400W Metal Halide	12,010	6x6	2-3/8" Slipfitter	
77619	AFD150U341KLBSS	150W	400W Metal Halide	13,940	3x3	2-3/8" Slipfitter	

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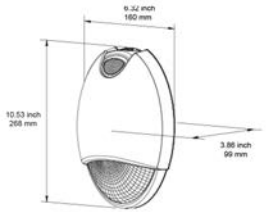
LOW PROFILE SECURITY LIGHT:

PROJECT NAME:_____ CATALOG NUMBER:_____

NOTES:_____ FIXTURE SCHEDULE:_____

LED LOW-PROFILE SECURITY LIGHT
SECL SERIES

SECL15U50BPCLTEM



PRODUCT DESCRIPTION:
MaxLite's MaxLED® Low-Profile Security Light with dusk-to-dawn photocell and cold-temperature rated internal battery backup provides versatile and beautiful illumination for outdoor commercial and industrial environments. Rated for operation in cold environments, the SECL is also suitable for mounting below 10 feet, with a depth of just 3.86" to comply with the Americans with Disabilities Act (ADA).

FEATURES:
- Integral Photocontrol operating at 120-277V
- Rated for >120,000-hour L70 lifetime at TM-21 standards, 25°C
- UL 924 listed
- 5 year warranty

CONSTRUCTION:
- Die-cast housing, durable powder coat finish
- IP65 rated

BATTERY BACKUP:
- 90-minute operation at full power
- Replaceable, sealed Nickel Cadmium rechargeable battery
- Easily-accessible test button at bottom of the fixture
- Automatic scheduled self-diagnostic testing to discharge battery
- Rated for operation between -4°F to 122°F

PHOTOMETRICS:
- ALL IES FILES AVAILABLE ONLINE. PLEASE SEE PAGE 3 FOR ISO-FOOTCANDLE LAYOUTS

MODEL SELECTION (Full list of order codes on pg. 1) — Typical order example: SECL15U50BPCLTEM

SECL	15	U	50		PCLTEM
FAMILY	NOMINAL WATTAGE (EQUIVALENCY)	VOLTAGE	CCT	FINISH	OPTIONS
SECL= Low-Profile Security Light	15= 15W, 70W High Pressure Sodium equivalent	U= 120-277V	50= 5000K	B = Bronze, std W = White	PCLTEM= Integral 120-277V Intergrated photocontrol. Low-temperature Emergency Battery, std

SPECIFICATIONS:

ITEM	SPECIFICATION	SECL15U50XPCLTEM DETAILS
GENERAL PERFORMANCE	Input Power (W)	13
	Lumens Delivered (lm)	1050
	Efficacy (lm/W)	82
	Color Rendering Index (CRI)	≥75
	Lumen Maintenance (L70 hours, TM-21 @ 25°C)	120,000
	CCT	5000K
	Color Consistency	Propietary Binning for Uniform Color
ELECTRICAL	Input Voltage (V)	120-277V, 60Hz
	Power Factor (120V/277V)	≥0.99/≥0.86
PHYSICAL	Housing	Die-cast Aluminum Alloy
	Humidity	20% - 85% RH, non condensing
	Operating Temperature	-4°F - 122°F/-20°C - 50°C
CERTIFICATION	Certification	RoHS, cULus, LM-79, LM-80, TM-21, DLC
	Environment	Wet Location; IP65
	Material Usage	RoHS compliant; no mercury
	Warranty	5 years

ORDERING*:

ORDER CODE	MODEL	OPTIONS	NOMINAL POWER (W)	DELIVERED LUMENS (lm)	NOMINAL EFFICACY (lm/W)	CCT	FINISH
76726	SECL15U50BPCLTEM	Photocontrol, Low- temperature battery backup	15	1,050	82	5000K	Bronze
96507	SECL15U50WPCLTEM	Photocontrol, Low-temperature battery backup	15			5000K	White

*Please contact your MaxLite representative to order products that don't have order codes listed here.

ARCHITECTURAL SECURITY LIGHT:

MaxLite
A NEW WAVE OF LIGHT

PROJECT NAME:_____ CATALOG NUMBER:_____

NOTES:_____ FIXTURE SCHEDULE:_____

LED ARCHITECTURAL SECURITY LIGHT
SECA15 SERIES

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RoHS COMPLIANT

PRODUCT DESCRIPTION:
The Architectural Security Light with integrated dusk –to-dawn photo-cell combines performance and design. It provides years of maintenance free illumination for many outdoor residential, commercial and industrial applications with low mounting heights. Typical applications include general area lighting, walkways, doorways/entrances, columns, bollards and stairways.

LED ENGINE/REFLECTOR
- High Power COB LED
- Specular vacuum metalized reflector optics
- Operating Temperature Range: -30ºF to 104ºF (-34ºC to 40ºC)

FEATURES:
- 1,450 lumens
- 97 LPW
- 120V Integrated Photo Control
- 120-277V Universal Voltage Driver
- Outdoor Wet Location Rated
- CRI: 80 min
- CCT: 5000K (nominal)
- 100,000 hour life (L70)
- Wall, Post or Bollard Mount
- ADA Compliant
- High Power Factor
- 5 year limited warranty

CONSTRUCTION
- Precision die cast aluminum and heat sink with powder coat finish to maximize performance and long fixture life
- Outdoor Wet Location Rated
- Stainless steel exposed hardware
- High-temperature silicone gasket

LENS
- One Piece Frosted UV Stabilized and shatter resistant Polycarbonate Lens Diffuser

FINISH
- Chip and fade resistant powder coat finish

INSTALLATION
- Easy one person installation
- Back plate designed to easily mount to any recessed junction box
- 1/2" Back and Bottom threaded removable plugs
- Integrated bubble level for easy leveling alignment
- Vertical surface mount on its normal orientation only
- Easy single person installation

CONTROLS
120VAC Integrated Photo control: Voltage-specific photo control powers on the fixture when light levels reach 2fc or lower, and turn it off at 3fc or higher.

MODEL SELECTION (Full list of order codes on pg. 2) — Typical order example: SECA15U50BPC12

SECA	15	U50	B	PC12
FAMILY	WATTAGE	CCT	COLOR	OPTIONS
SECA= Architectural Security Light	15= 15W	U50= 5000K	B= Bronze	PC12= Photocontrol

MaxLite
A NEW WAVE OF LIGHT

LED ARCHITECTURAL SECURITY LIGHT
SECA15 SERIES

SPECIFICATIONS:

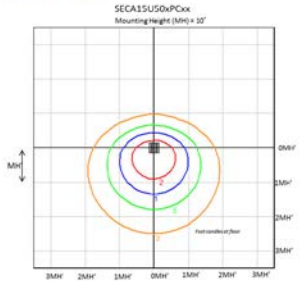
ITEM	SPECIFICATION	SECA15U50BPC12 DETAILS
GENERAL PERFORMANCE	Efficacy	97 LPW
	CRI	≥80
	Color Temperature (CCT)	5000K
	Lumen Maintenance (L70 @ 25°C)	≥100,000 Hours
	Cutoff Classification	Non Cutoff
ELECTRICAL	Power Consumption	15W nominal
	Power Factor	≥.90
	Input Voltage	120V 50/60Hz
PHYSICAL	Lens	Polycarbonate Lens
	Housing	Die cast aluminum with powder coat paint
	Operating Temperature	-30°F - 104°F
CERTIFICATION	Certification	UL 1598, FCC, LM79, LM80
	Material Usage	RoHS compliant; no mercury
	Humidity	20% - 90% RH, non condensing
	Environment	Outdoor, Wet location
	Warranty	5 Year

Lighting layouts and spacing criteria available upon request

ORDERING:

ORDER CODE	MODEL	WATTS	DELIVERED LUMENS	DIMENSIONS (W" x H" x D")	CCT
76590	SECA15U50BPC12	15	1,450	6.4" x 8.3" x 3.1"	5000K

ISOFOOTCANDLE:



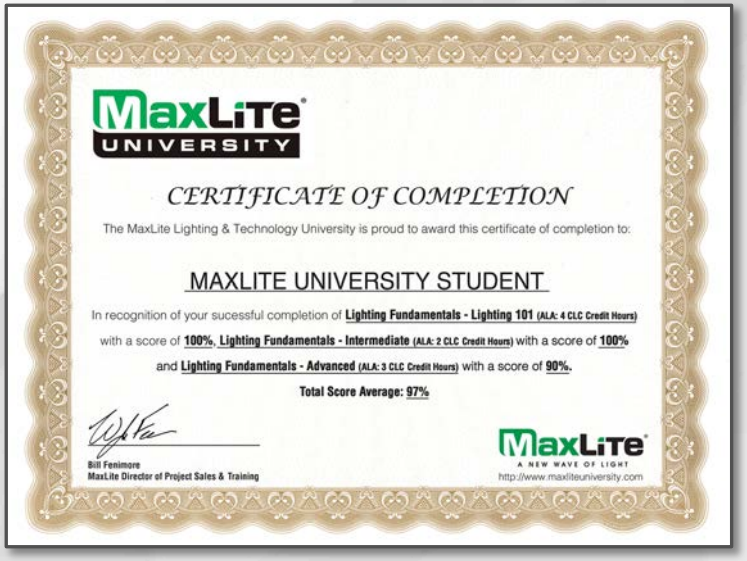
To Change from 10'				
New Height	7'	8'	10'	12'
Factor	2.0	1.56	1.0	0.69

Mouting Height Factors for other that the above table use:

$$Factor = \frac{100}{(Actual\ Mtg\ Height)^2}$$

MAXLITE LIGHTING & TECHNOLOGY UNIVERSITY

MaxLite University has been updated for 2016! All three courses now include information on LED technology, fixtures, lamps, ENERGY STAR and other certifications.



MaxLiteUniversity.com

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Email Bill Fenimore at bfenimore@maxlite.com for more info!

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- Utility Rebate Flyers
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- DLC / ENERGY STAR / LDL Product Listings
- Utility Rebate Paperwork Service

Email Joe Pater at jpater@maxlite.com for more info!

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:

info@maxlite.com
http://www.maxlite.com
1-800-555-5629