

Outdoor Accessories & Options

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Product Manager, Outdoor**

July 28, 2016



TODAY'S AGENDA

Outdoor Accessories & Options:

- Surface mounted brackets
- Pole-mounted horizontal adapters
- Bullhorn adapters
- Landscape adapters
- Finding the right accessory
- Product options
- Learning more about options
- Resources

MaxLite Webinars
A NEW WAVE OF LIGHT

MaxLite Presents:
**OUTDOOR
ACCESSORIES
& OPTIONS
WEBINAR**



**Thursday,
7/28/16 @ 12pm EST**

Learn how to use available options and mounting accessories to adapt MaxLite outdoor LED luminaires to meet project requirements.

- Mounting Arms
- Emergency Battery Backup
- Occupancy Sensors
- Photo Controls
- Wire Guards



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SURFACE-MOUNTED BRACKETS

Accessory



WMB1VBZ =
Vertical Wall
Mount Bracket



WMB1HBZ =
Horizontal Wall
Mount Bracket

+

+

+

+

Compatible Products



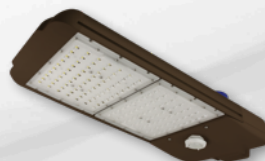
Medium Area/Flood
Luminaires
(MAL/MFL series)



Architectural
Floods
(AF series)



QuadroMax,
Tennon mounts
(QM series)



X-Large Area
Luminaire
(ARX series)

=

Applications

- Wall mounts for 2-3/8" tenons
- Where swivel/ trunnion mounting is not possible
- Use a pole-mounted luminaire without the pole!

SURFACE-MOUNTED BRACKETS

Accessory



SB2BZ = Vertical
Wall Mount
Bracket

+

Compatible Products



Medium Area/Flood
Luminaires
(**MAL/MFL series**)

=

Applications

**Surface/Wall
Mount**

POLE MOUNTED HORIZONTAL ADAPTERS

Accessory



S4HT218BZ



S4HT290BZ



S4HT390BZ



S4HT490BZ

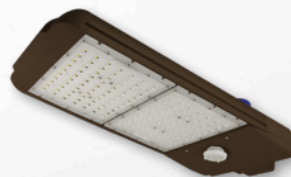
Compatible Products



Medium Area/Flood
Luminaires
(MAL/MFL series)



QuadroMax,
Tennon mounts
(QM series)



X-Large Area
Luminaire
(ARX series)



Applications

- Converts a pre-drilled pole into tenon mounts
- 4" Square Pole Top
- 2/3/4 tenon extensions

POLE MOUNTED VERTICAL ADAPTERS

Accessory



S4VT1S100BZ



TR3BZ

+

+

+

+

Compatible Products



Architectural
Floods
(AF series)



X-Large Area
Luminaire
(ARX series)



QuadroMax,
Tennon mounts
(QM series)



Post Top
DiscMax
(PTD series)

=

Applications

- Square and Round Pole Reducers
- Convert 4" pre-drilled square poles to single tenon mounts
- Reduce 3" round pole to 2-3/8"

POLE MOUNTED VERTICAL ADAPTERS

Accessory

Compatible Products

Applications



BH2RBZ

+



Medium Area/Flood
Luminaires
(MAL/MFL series)

+



Architectural
Floods
(AF series)

+



QuadroMax,
Tennon mounts
(QM series)

+



X-Large Area
Luminaire
(ARX series)

=

- Bullhorns maximize luminaires per pole
- LED luminaires have a lower Effective Projected Area (EPA) = more luminaires/bullhorn



BH3RBZ



BH4RBZ

LANDSCAPE ADAPTERS

Accessory



TR2.37BZ

+

Compatible Products



Small Architectural Flood (AFB series)

+



Small Floods (FLS series)

=

+



Bullet Floods (BF series)

Applications

- Convert from 2-3/8" to 1/2" NPT
- Replace high wattage HID with <50W of LED

FINDING THE RIGHT MOUNTING ACCESSORY

MODEL SELECTION (Full list of order codes on pg. 3)				Typical order example: MAL105AH7T350B			
MAL		A			50		
FAMILY	WATTAGE (NOMINAL)	GENERATION	VOLTAGE DRIVE CURRENT	DISTRIBUTION	CCT	FINISH	OPTIONS
MAL= Medium Area Light 55= 55W, 250W MH equivalent 80= 80W, 320W PS equivalent 105= 105W, 400W HID equivalent		A= Generation A	U7= 120-277V, 700 mA *H7= 347-480V, 700mA	T3= Type III T4= Type IV T5= Type V	50= 5000K	B= Bronze, std RAL 8040 W= White, RAL 9010	(OMIT)= None, std PC= Rotatable Photocontrol Socket MS4= Motion/Daylight Sensor (Hi/Low/Off)

ACCESSORIES			
ORDER CODE	MODEL NUMBER	DESCRIPTION	ACCESSORIES IMAGE
71456	FL2.37TF270	Slip Fitter Knuckle (Bronze)	
72710	MLARFLGS	Glare/House Side Shield	

NOTES:

- ¹ Consult factory for lead time
- ^{*}DLC qualifications pending
- Only available for U7= 120-277V models

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MAX15118 **MaxLite**

Product datasheets will include relevant accessories

FINDING THE RIGHT MOUNTING ACCESSORY

Accessories
broken down
by application
on datasheet

MaxLite

A NEW WAVE OF LIGHT

PROJECT NAME: _____ CATALOG NUMBER: _____
NOTES: _____ FIXTURE SCHEDULE: _____

Page: 1 of 1

Mounting Accessories

PRODUCT DESCRIPTION:

Mount and secure our MLF floodlight luminaires with a full line of mounting accessories. They are engineered and built to provide a durable and safe fixture mounting that allows optimal positioning and aiming; and selected to offer a wide variety of options

FEATURES:

- Polyester Powder Coated to resist chipping and fading
- Bronze color standard

CONSTRUCTION:


- Steel construction
- Industry standard quality welding

SURFACE:	BRACKETS:	<div><div>HORIZONTAL:</div><div>SINGLE HORIZONTAL 2-3/8"</div><div></div><div>WMB1HBZ</div></div>	<div><div>VERTICAL:</div><div>SINGLE VERTICAL 90° L 2-3/8"</div><div></div><div>WMB1VBZ</div></div>	<div><div>SWIVEL:</div><div>2" SWIVEL BRACKET, TWO PIECE</div><div></div><div>SB2BZ</div></div>
	ADAPTERS:	<div><div>HORIZONTAL:</div><div><div>DOUBLE @ 180°</div><div></div><div>S4HT218BZ</div></div><div><div>DOUBLE @ 90°</div><div></div><div>S4HT290BZ</div></div><div><div>TRIPLE @ 90°</div><div></div><div>S4HT390BZ</div></div><div><div>QUAD @ 90°</div><div></div><div>S4HT490BZ</div></div></div>		


FINDING THE RIGHT MOUNTING ACCESSORY

[► Data Sheets, Specs and Downloads](#) [► Utility Rebates](#) [► Features/Benefits](#) [▼ Options/Accessories](#) [► Lighting Layout](#)


- Options




AR6STBZ
6" Parking Arm
Order code: 71454



AR12STBZ
12" Parking Arm
Order code: 71455



FI2.37TF270
12" Flood Fitter 270 degree arm in bronze die-cast aluminum
Order code: 71456

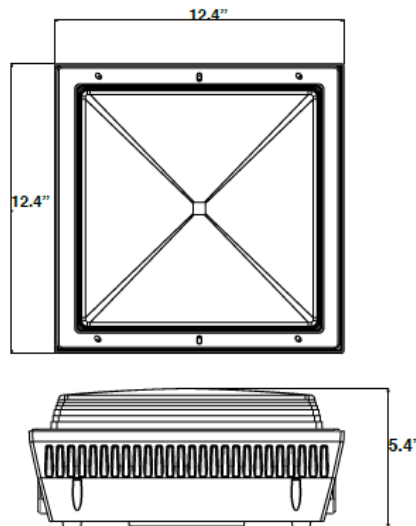


AR12RPBZ
12" Parking Arm for 4" Round Pole
Order code: 71453

Website is being updated to reflect relevant accessories for each product

PRODUCT OPTIONS

DIMENSIONS:



CONTROLS:

120VAC/208-277VAC Photocontrol:

Voltage-specific photocontrols power the fixture when light levels reach 20 lux or below, and turn it off at 30 lux or higher. The operating temperature of the photocontrols are -30°F- 120°F. Photocell mounted externally.

Motion/Daylight Sensor:

Motion/Daylight Sensor: 0-10V passive infrared-based motion sensor with integral photocontrol, allowing for three output states: 100%; 10/20/30/40/50% output; or 0% output. Detection area, hold time, daylight threshold, and dimming level can be adjusted via the accessible push-button. the operating temperature of the sensor is -40°F- 161°F. At its maximum mounting height of 20 feet, the sensor can detect motion up to 35 feet away. Sensor mounted externally, embedded within fixture backhousing.

Options are installed by MaxLite. Examples include:

- Integral Photocells/ Photocontrol Receptacles
- Integral Motion/ Daylight Sensors
- Internal Battery Backups

MODEL SELECTION (Full list of order codes on pg. 2)

Typical order example: CP40AUP50B000

CP		A	U		50		
FAMILY	WATTAGE, EQUIVALENCY	GENERATION	VOLTAGE	DISTRIBUTION	CCT	FINISH	OPTIONS
CP= Canopy	25= 25W, replaces up to 150W MH 40= 40W, replaces up to 175W MH 55= 55W, replaces up to 250 W MH	A= Generation A	U= 120-277V	TP= Parking Garage Distribution TC= Canopy Distribution	50= 5000K	B= Bronze, std W= White	000= None 100= 120V Photocell 200= 208-277V Photocell 300= Internal Battery Backup ¹ 400= Motion/Daylight Sensor

¹In the event of a power failure, the battery backup units switch to emergency mode (1400 lumen output) and operates the fixture for a minimum of 90 minutes.

LEARNING MORE ABOUT OPTIONS

MS4 SENSOR SUPPLEMENT

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MS4 SENSOR SUPPLEMENT QM, MAL, MFL SERIES

PRODUCT DESCRIPTION:

The MS4 Sensor is a line voltage switching occupancy sensor with 0-10V output for dimmable ballast or LED driver control.

This sensor will provide full power output for dimmable ballast or an LED module when it detects the presence of an occupant, or vehicle, and switch back to the low dim level after the area is vacated for a period of time.

The MS4 control series is available with various mounting options and interchangeable lenses. The sensor is designed to operate in the coldest of environments, down to -40°C/°F (Please consult fixture datasheet for system operating limits).

COMPATIBLE PRODUCTS:

- MAL Series: MAL55AU; MAL80AU; MAL105AU
- MFL Series: MFL55AU; MFL80AU; MFL105AU
- QM Series: QM55AU; QM80AU; QM105AU

Operating Instructions LSU Series

MaxLite® LED UTILITY WRAP FIXTURES

Optional Motion Sensor

MOTION SENSOR OPTION WIRING:

WIRING DIAGRAM SINGLE CONFIGURATION

WIRING DIAGRAM MULTIPLE CONFIGURATION

Repeat Series Wiring:
20W Fixtures = 20
50W Fixtures = 15
60W Fixtures = 10

- For settings that are field adjustable, additional datasheets may exist.
- Information will also be included in the instruction manual.

OUTDOOR PRICING INITIATIVE

MaxLite has lowered pricing on traditional LED outdoor products by an average of 20%. By bringing future pricing levels forward and offering them to customers today, we are making our outdoor product families accessible to a wider customer base and encouraging the quicker adoption of LED.

Luminaires included in the pricing initiative include:

- Wall Packs
- Canopies
- Small Flood Lights
- Architectural Flood Lights
- Bullet Flood Lights
- Shoeboxes
- Post Top
- Security Light



QUADROMAX

UNIVERSAL APPEAL

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.



Area Light



Wall Pack



Flood Light



Canopy



MaxLite poles coming soon. Contact your local MaxLite sales rep for more info.

For more information on QuadroMAX visit:
<http://www.quadromax.com>

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

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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http://www.maxlite.com

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