maxLED®
by **MaxLiTE**

Meet Quadro**MAX**®
Universal, Scalable
Outdoor Lighting Fixture
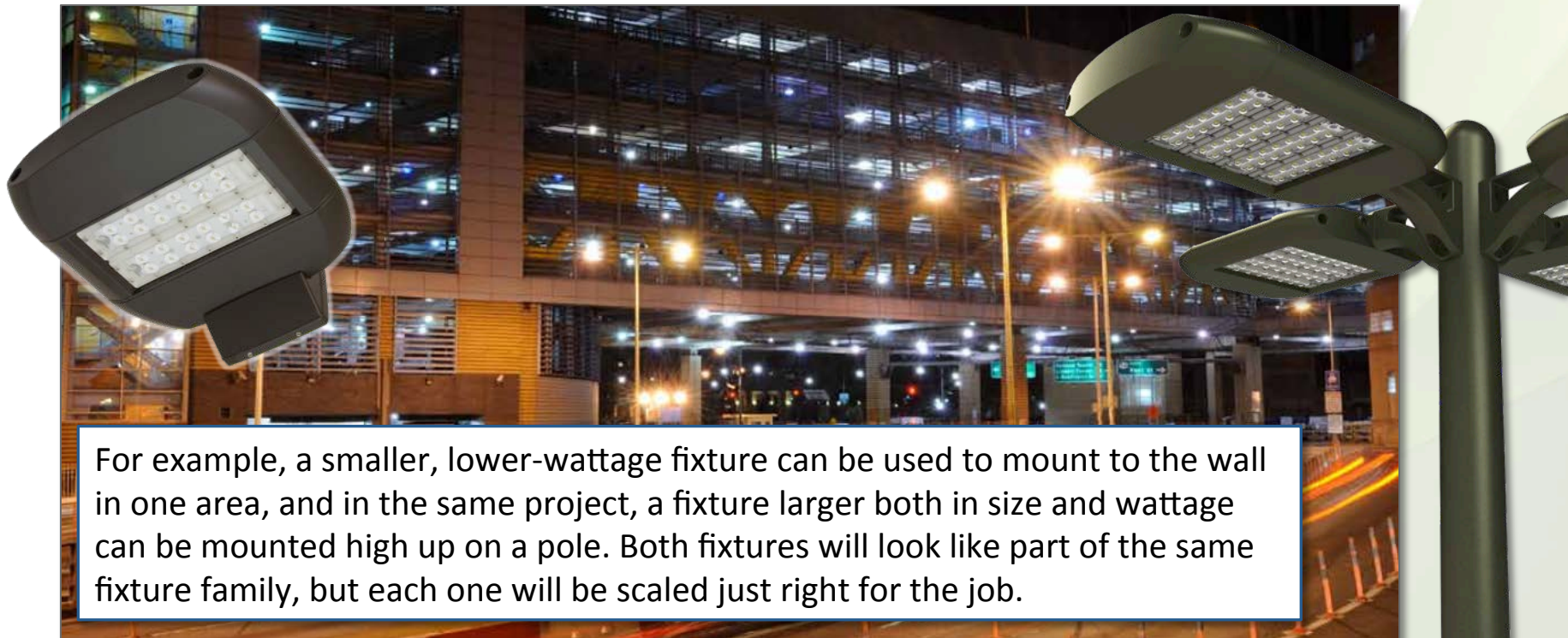
September 24, 2015

Meet QuadroMAX
The Universal, Scalable Outdoor Lighting Fixture

What is QuadroMAX?

- **Imagine being able to light an entire outdoor project using just one product.** That vision is now reality with QuadroMAX, the first universal and scalable outdoor LED luminaire, by MaxLite.

For example, a smaller, lower-wattage fixture can be used to mount to the wall in one area, and in the same project, a fixture larger both in size and wattage can be mounted high up on a pole. Both fixtures will look like part of the same fixture family, but each one will be scaled just right for the job.

QuadroMAX
Main Features

- Main housing designed to accept multiple mounting options allowing installation for canopy, area, flood and wall mounting.

- NEMA distributions available: Type III; Type IV; Type V.

- Available controls include bottom-mounted occupancy sensor and top-mounted NEMA Photocontrol Receptacle.

- >100,000-hour L70 Lifetime (TM-21, @25°C)

- 0-10V dimmable driver standard, available in 120-277V/347-480V.

- 20kV surge protection standard

- IP65 rating

- >110 lm/w, >70 CRI

- Five year limited warranty

SUPPORTS T24 COMPLIANCE · c(UL)us LISTED · 100K HOURS · DIMMABLE LAMP · WET LOCATION SUITABLE · MOTION SENSOR · FC · ASSEMBLED IN THE U.S.

MAXLITE LIGHTING & TECHNOLOGY UNIVERSITY

- QuadroMAX can be customized for virtually **any type of outdoor lighting application** by applying one of eight different mounting arms to a universal body to create a **Canopy, Area, Flood or Wall Pack luminaire.**

- Mounting options for the QuadroMAX include: **canopy, pole mount, slipfitter adjustable knuckle, fixed slipfitter, wall pack, swivel trunnion, adjustable surface and fixed surface.** The fixture is available with 120-277V or 347/480V dimming drivers, and **includes a 20KV surge suppressor** to help protect its driver during power surge. Any fixture can be **customized to order to include a motion sensor and photocontrol receptacle.**
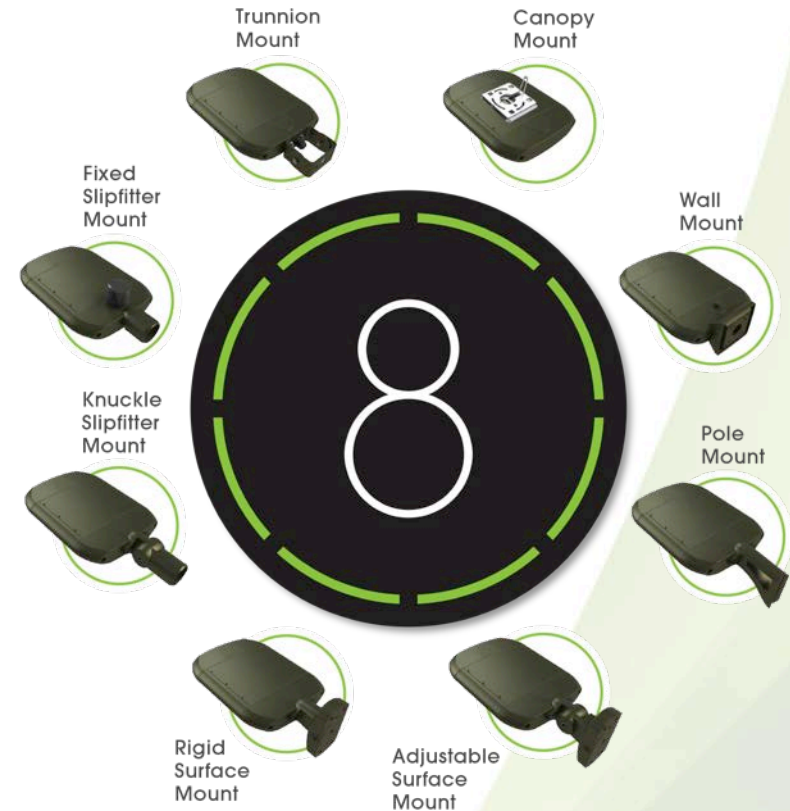
QuadroMAX®

UNIVERSAL, SCALABLE OUTDOOR LIGHTING FIXTURE

■ An energy-efficient replacement for traditional HID fixtures, **QuadroMAX is offered in five input powers (55, 80, 110, 135 and 160 watts)** and three **NEMA distributions (Type III, Type IV and Type V)** to meet any outdoor lighting need. In any configuration, QuadroMAX achieves industry-leading efficacy of more than 110 lumens per watt.
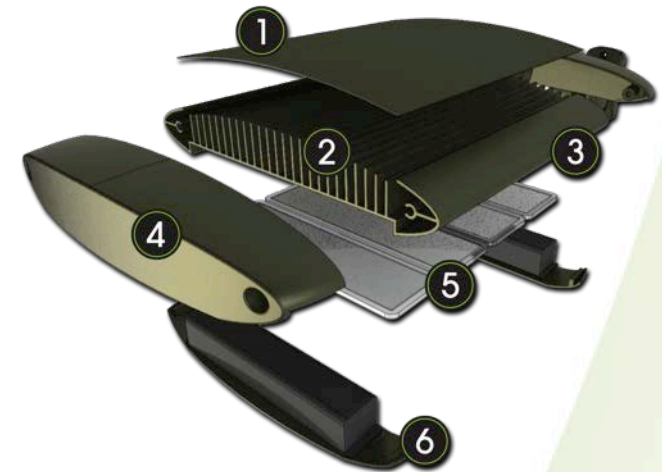
Area Light   Wall Pack   Flood Light   Canopy

■ The fixture offers a solution to 80 percent or more of a customer's outdoor lighting needs. It does this by accepting multiple mounting options and utilizing different optics that allow it to be used in a multitude of outdoor applications.

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

Construction:

- Independent LED module arrays within scalable cast-aluminum heatsink.
- Easily accessible compartments for driver, sensors, and modules

MaxLite®

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maxLED® by MaxLite

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

Page: 1 of 1

QuadroMAX LED FIXTURE
QM SERIES

SUPPORTS T24 COMPLIANCE

c(UL)us LISTED

100K HOURS

PRODUCT DESCRIPTION:
Scalable to stretch across four categories of outdoor lighting, MaxLite's QuadroMax cuts a striking figure in any application. Along with a fully scalable design accommodating up to 180 watts of LED's with different distributions, the QuadroMax's interchangeable mounting accessories make it a complete solution for any project. Its svelte yet functional form is fully customizable, capable of outshining incumbent outdoor lighting with affordability and ease.

FEATURES:
- Main housing designed to accept multiple mounting options allowing installation for canopy, area, flood and wall mounting
- NEMA distributions available: Type III; Type IV; Type V
- Available controls include bottom-mounted occupancy sensor and top-mounted NEMA Photocontrol Receptacle
- >100,000-hour L70 Lifetime (TM-21, @25°C)
- 0-10V dimmable driver standard, available in 120-277V/347-480V
- 20kV surge protection standard
- IP65 rating
- >110 lm/w, >70 CRI
- Five year limited warranty

CONSTRUCTION:
- Independent LED module arrays within scalable cast-aluminum heatsink
- Easily accessible compartments for driver, sensors, and modules

FC

ASSEMBLED IN THE U.S.

Mounting Options
- Slipfitter Fixed
- Slipfitter Knuckle
- Pole Mount
- Fixed Surface Mount
- Knuckle Surface Mount
- Trunnion Swivel
- Canopy
- Wall Pack

All specifications are preliminary and subject to change.

MODEL SELECTION
Typical order example: QML5AH7T341PMBBPC

QM			7					
FAMILY	LED ENGINES	DRIVER	DRIVE CURRENT	DISTRIBUTION	CCT	MOUNTING	COLOR	PC & SS OPTIONS
QM= QuadroMAX LED Fixture	2A= 24 LEDs, (55W) 6000-6300 lm	U= 120-277V	7= 700mA	T3= Type III	41= 4100K	PM= Pole Mount	B= Bronze, Std.	(OMIT)= Option None= None
	3A= 36 LEDs, (80W) 8900-9300 lm	H= 347-480V		T4= Type IV	50= 5000K	SK= Slipfitter Knuckle		
	4A= 48 LEDs, (110W) 12,000-12,600 lm			T5= Type V		SF= Slipfitter Fixed	Consult factory for other colors.	MS4= Sensor (Hi/Low/Off)
	5A= 60 LEDs, (135W) 14,800-15,500 lm					TS= Trunnion Swivel		RPC= NEMA Rotatable Photocontrol Receptacle
	6A= 72 LEDs, (160W) 17,800-18,600 lm					WP= Wall Pack		
						KS= Knuckle Surface Mount		PR5= Photocontrol Receptacle 5 pin
						FS= Fixed Surface Mount		PR7= Photocontrol Receptacle 7 pin
						CP= Canopy Mount		BPC= Button Photocontrol Receptacle

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

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LIGHTING & TECHNOLOGY UNIVERSITY

QuadroMax
Models & Specifications

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, 347-480V	120-277V, 347-480V	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

We've Got Your Project Covered

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 and lightning strikes. A maintenance free lifetime of 100,000 hours, limited five-warranty and lifetime customer support make the QuadroMAX the smart choice for converting lighting systems to the energy- and cost-saving benefits of LED.

- MaxLite holds inventory of QuadroMAX in all of its available wattages. When an order comes in, the appropriate mounting arm and selected options are added to the box and promptly shipped out. **This approach allows MaxLite to ship out a custom order in two weeks or less, depending on the size of the order, or in just a couple of days for standard product**. QuadroMAX comes backed by MaxLite's five-year warranty and lifetime product support.

MaxLite

QuadroMAX®

UNIVERSAL, SCALABLE OUTDOOR LIGHTING FIXTURE

8 Powerful Arms

5 Wattage Configurations

4 Categories of Lighting

1 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.

maxLED® by MaxLite

Trunnion Mount

Fixed Slipfitter Mount

Knuckle Slipfitter Mount

Rigid Surface Mount

Adjustable Surface Mount

Pole Mount

Wall Mount

Canopy Mount

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
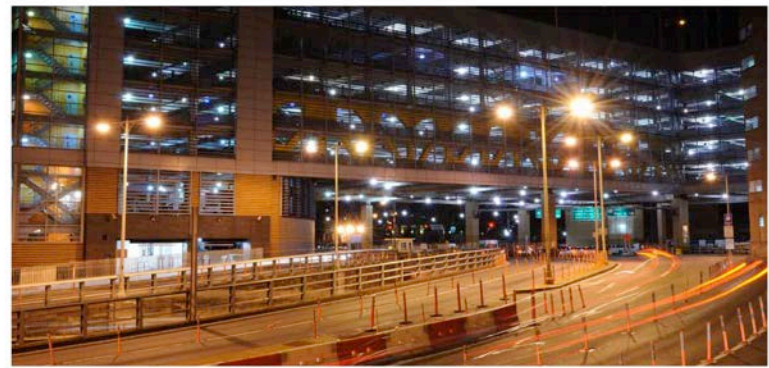
MODEL SELECTION		Typical order example: QM5AH7T340PMBBPC								
FAMILY	LED ENGINES	DRIVER	DRIVE CURRENT	DISTRIBUTION	CCT	MOUNTING	COLOR	PC & SS OPTIONS
QM= QuadroMAX LED Fixture	2A= 24 LEDs (55W) 6000-6300 lm	U= 120-277V	7= 700MA	T3= Type III	40= 4000K	PM= Pole Mount	B= Bronze (std.)	OMIT= None
	3A= 36 LEDs (80W) 9000-9300 lm	H= 347-480V		T4= Type IV	50= 5000K	SK= Slipfitter Knuckle	Consult factory for other colors	MS4= Sensor (Hi/Low/Off)
	4A= 48 LEDs (110W) 12,000-12,600 lm			T5= Type V		SF= Slipfitter Fixed		RPC= NEMA Rotatable Photocontrol Receptacle
	5A= 60 LEDs (135W) 14,800-15,500 lm					TS= Trunnion Swivel		PR5= Photocontrol Receptacle 5-pin
	6A= 72 LEDs (160W) 17,800-18,600 lm					WP= Wall Pack		PR7= Photocontrol Receptacle 7-pin
						KS= Knuckle Surface Mount		BPC= Button Photocontrol Receptacle
						FS= Fixed Surface Mount		
						CP= Canopy Mount		

MaxLite
LIGHTING & TECHNOLOGY UNIVERSITY

MaxLite®

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.
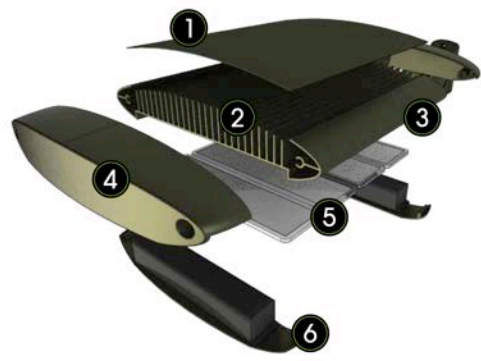
55W	80W	110W	135W	160W

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					
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QM2Ax7yyzzSFB	QM3Ax7yyzzSFB	QM4Ax7yyzzSFB	QM5Ax7yyzzSFB	QM6Ax7yyzzSFB	LED Fixed Slipfitter Fixtures
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Specifications					
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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

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UNIVERSAL, SCALABLE OUTDOOR LIGHTING FIXTURE

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Meet QuadroMAX
Promotional Video

QuadroMAX
Product Video

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- Custom Rebate Calculator

- DLC / ENERGY STAR / LDL Product Listings

- Utility Rebate Paperwork Service

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

QUESTIONS/ANSWERS

Thank you for your attention! Please feel free to use this opportunity to ask any questions you may have about today's employee training presentation.

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