



M3

Sports Lighting



Catalog
Number

Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

Introduction

The next generation of sports field lighting – a silicone optic aimed lighting solution designed for excellent uniformity and simplified installation.

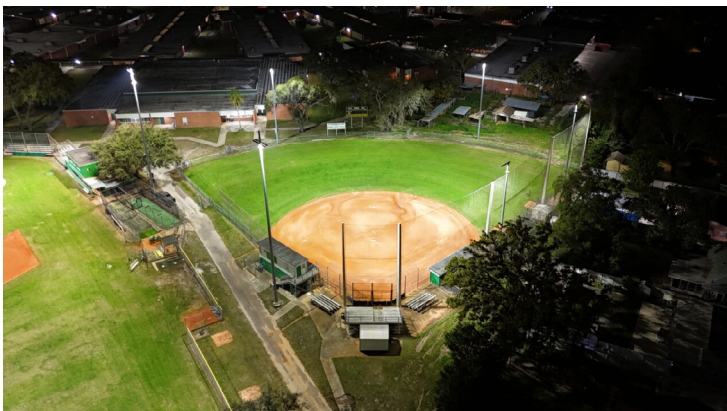
Delivering 135,000 lumens of powerful white light and available RGB lighting, the Lithonia Lighting® M3 Sports Light enhances visibility and game-time atmosphere like never before. Built with custom silicone optics and precision-engineered distributions, M3 eliminates aiming, ensuring excellent uniformity with minimal glare.

The M3 Sports Lighting solution is made for high-performance environments with impact-resistant aluminum construction, while the remote-mounted, field-replaceable driver allows for quick maintenance at the base of the pole.

This groundbreaking lighting solution is transforming the way sports fields are lit—delivering brighter illumination with superior uniformity, advanced control, and unrivaled performance. More light, less hassle, and the ultimate on-field experience.



- Up to 135,000 lumens of white light weighing 25.5 lbs
- Quick installation – No complicated wiring or aiming required
- Extremely Low On-Field Glare Rating – Less than 250,000 peak candela at any point on field
- Sleek and structural design; high strength, lightweight design, and lowest EPA of traditional LED sports lighting products
- Eliminates the cost of bulky cross-arms and unreliable wiring connections



COMMERCIAL OUTDOOR

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1. Module¹

EXAMPLE: M3K P1 50K 70CRI UW WVOLT DBLXD

Series	Package	Color Temperature	CRI	Distribution	Voltage	Finish
M3K M3 Sports Light	P1 1000W	30K 3000K CCT 40K ² 4000K CCT 50K 5000K CCT	70CRI 70CRI	L Left R Right UW Ultra Wide S Spot 3x3	WVOLT 208-480V with enhanced power quality protection	DBLXD Black
		RGB RGB	(blank) No CRI			

Notes

- 1 M3 Driver and Collar included with the Module.
2 This option may have an extended lead time.

2. Mount

EXAMPLE: M3KUM DBLXD

Series	Finish
M3KUM M3 Mount for up to 4 modules	DBLXD Black

3. Spine

EXAMPLE: M3KSPINE AUX DBLXD

Series	AUX	Finish
M3KSPINE M3 Spine	(blank) without battery AUX with battery to power M3KAUX	DBLXD Black

4. Cable¹

EXAMPLE: M3KCBL 65FT DBLXD

Series	Cable Length ²	Finish
M3KCBL M3 Preterminated Cable Set (2 cables) with Wiring Harness	55FT 85FT 65FT 95FT 75FT 115FT	DBLXD Black

Notes

- 1 One cable is required per Mount and Spine.
2 Pole length minus 5' rounded up to nearest available cable length.

Accessories

Ordered and shipped separately.

Series	Finish
5. M3KCTRL ¹ M3 Control Equipment	DBLXD Black
6. M3KAUX ^{2,3,4} Supplementary Light Module	DBLXD Black
7. M3KUV M3 Shield	DBLXD Black
8. M3KRET Retrofit Adapter	DNAXD Natural Aluminum

Notes

- 1 M3 Control Equipment includes Gateway, Tablet & Antenna.
2 This device requires the Spine with the AUX option for power.
3 Max 1 M3KAUX per M3KUM.
4 Mounts to end of right module only.

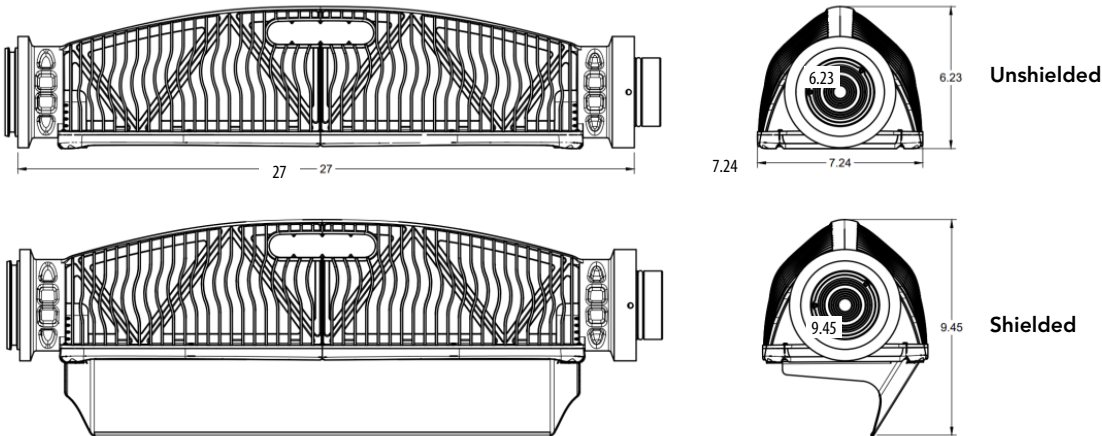


Product Features

- Up to 135,000 lumens of white light weighing 25.5 lbs
- Modular and quickly interchangeable Light
- Quick installation – No complicated wiring or aiming required
- Extremely Low On-Field Glare Rating – Less than 250,000 peak candela at any point on field
- High-strength, lightweight design enables low EPA ratings
- Eliminates the cost of bulky cross-arms and unreliable wiring connections
- Ultra-corrosion resistant alloy – less than 0.03% Cu with Electrophoresis Coating
- CSA certified to U.S. and Canadian standards.
- Luminaire is IP66 rated.

Product Performance

	M3K P1 xxK	M3K P1 RGB
Lumen Output	Up to 135,000	—
Nominal Power	1000W	
CCT	3000K / 4000K / 5000K	N/A
CRI	70	N/A
Optical Distribution	Ultra Wide, Spot, Left, Right	
Operating Temperature	Rated for -40°C minimum ambient.	
L70 (IESNA TM-21-11)	>100,000hrs	
Environmental certifications	IP66, NEMA 4x, ANSI C136.31 3G	
Effective Projected Area	1.2 (sq. ft)	
Weight	25.5lbs (11.57kg)	
Shield Available	Yes	



Mount

Product Features

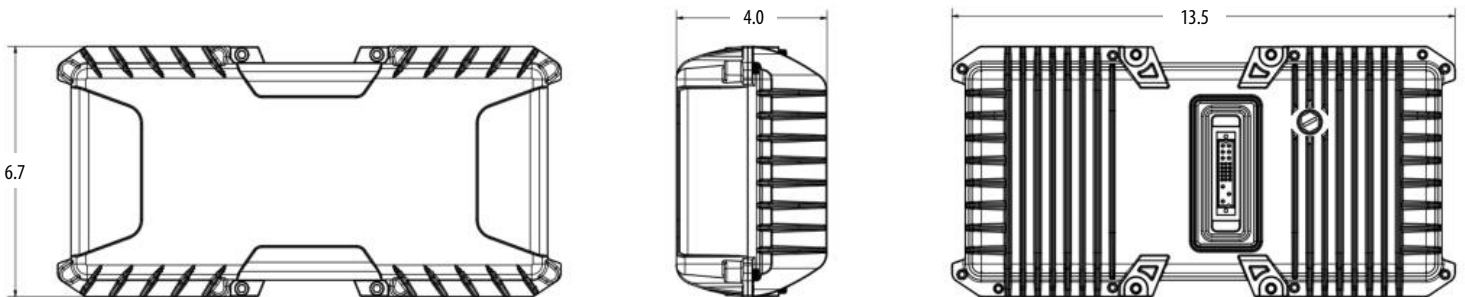
- Durable cast aluminum with corrosion resistant finish
- Internal wiring allows luminaires to plug n play with combined electrical and mechanical connection
- Mounting plate adapts to a variety of pole sizes for easy installation
- Retrofit installation requires 3/4" stainless steel banding ([sold separately](#))
- Supports one to **FOUR** modules, two per side
- One mount required per spine. Requires additional mounts for more than four modules.
- Mounts require a 24" vertical spacing on the pole



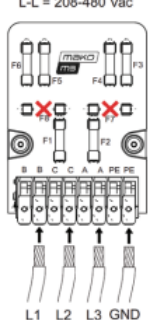
Driver

Product Features

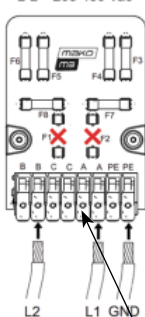
- Field Replaceable – Easy installation and quick disconnect at base of pole
- High Power – 1000W, 3-Channel Output
- Light Weight – 8.6lbs
- High Efficiency – >95%
- Universal Input – 190-528VAC
- Long Life Reliability - L70>100,000hrs @ 25°C
- Driver comes with the module



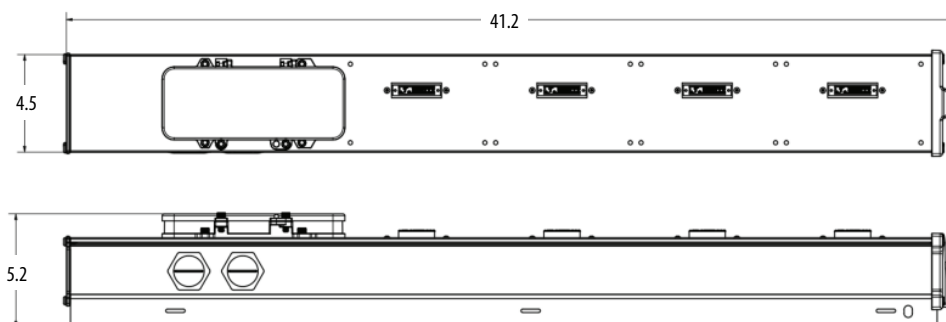
3-Phase Power Input
L-L = 208-480 Vac



1-Phase Power Input
L-L = 208-480 Vac



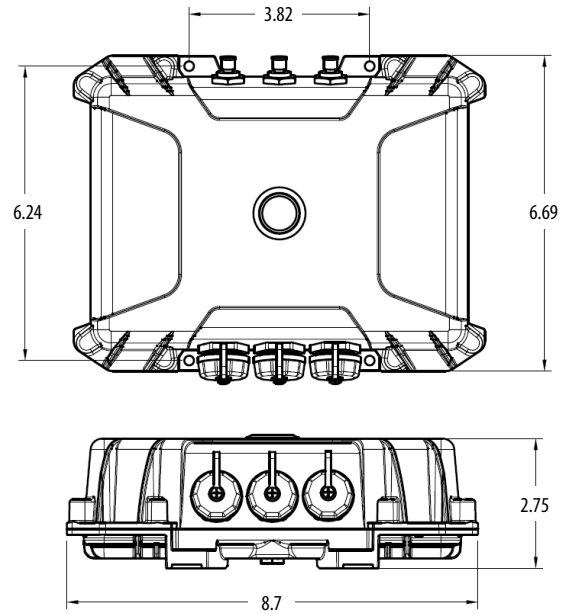
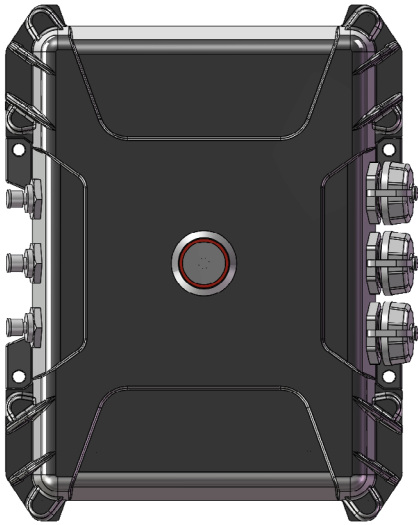
Note: 8AWG Wire



Product Features

- Rugged solid-state backplane for power and communication
- Quick connect and disconnect of M3 Driver
- Integrated 100kA surge protection.
- Optional battery backup on board to support supplementary module in loss of power events
- Integrated Junction Box
- Sealed and lockable access point for installation and maintenance
- Eliminates cumbersome and costly external fuse enclosures
- Patented MST Field-Adapt quickly converts from 1-phase to 3-phase in seconds
- Universal input voltage of 208VAC to 480VAC
- Easy Tool-Free connection to existing power at base of pole
- Supports up to **FOUR** modules with four driver positions





Product Features

- IP65 rated with built-in surge protection
- Programmable push button for manual override on/off switch of all lights
- AES 128-bit encryption for enhanced security protection
- DMX input - third party controller capable
- Cellular for network connectivity
- Cloud and Remote Access

Description:	Wireless gateway
Input Power:	20V PD USB-C ¹
Operating Environment:	Outdoor Rated at -40°C to 40°C, IP65 (when latched)
Radio:	ESP32 Wi-Fi+SOC
Certifications:	IC RoHS

Notes

- 1 Installation must comply with Outdoor Installation Guide.



Typical Bill of Material

Per 60ft Pole
4 x M3K P1 50K 70CRI UW WVOLT DBLXD
1 x M3KUM DBLXD
1 x M3KRET DNAXD
1 x M3KSPINE DBLXD
1 x M3KCBL 55FT DBLXD

FEATURES & SPECIFICATIONS

INTENDED USE

Delivering 135,000 lumens of powerful white light or color changing RGB lighting, the Lithonia Lighting® M3 Sports Light enhances visibility and game-time atmosphere like never before. Built with custom silicone optics and precision-engineered distributions, M3 eliminates aiming, ensuring excellent uniformity with minimal glare.

CONSTRUCTION

High-strength, lightweight design enables low EPA ratings. Ultra-corrosion resistant alloy – less than 0.03% Cu with Electrophoresis Coating

ELECTRICAL

High Power – 1080 mA, 3-500W channel capability operating at 66% power to prolong component life and provide redundancy in case of an emergency. High Efficiency – >95%. Universal Input – 208-480VAC. Field Replaceable – Easy installation and quick disconnect at base of pole – No Electrician Needed. Reliable – L70>100,000hrs at 25°C ambient temperature.

INSTALLATION

Quick installation – No complicated wiring or aiming required. Eliminates the cost of bulky cross-arms and unreliable wiring connections

LISTINGS

IP66, NEMA 4X. Nighttime Friendly

WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

The product images shown are for illustration purposes only and may not be an exact representation of the product.

Specifications subject to change without notice.



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