

# M Series Sales Sheet



125/150W  
STRAIGHT ARM



200/250/320W  
FLEXIBLE ARM  
WITH C-MAX



125/150W  
KNUCKLE SLIPFITTER



75/100W  
TRUNNION



40/55W  
FIXED WALL



40/55W VARIABLE  
(ADJUSTABLE) WALL  
WITH C-MAX



40/55W FIXED  
WALL WITH EM  
(BATTERY BACKUP)



## Target Markets:

M Series is well suited for design build, value engineering and government projects as well as some stock and flow markets. Offering 4 heads, 9 wattages, 6 mountings and 7 lenses, the design modularity allows you to scale for different applications. With simple changes to mountings and lenses the factory can quickly cater to your situation with improved service without the usual long wait for made to order items. C-Max controls provide a standardized control solution that works with all the fixtures across the entire project. Additionally, all the products are TAA so they will be accepted on many government projects. M Series versatility makes it a great choice for both design and generic commercial projects.

## Form Factor:

The housings retain the look and feel of MPulse which won 2 PIA design awards. The size and weight are smaller to make handling easier and costs more competitive. Visible hardware was reduced on the housing and exposed hardware will be dark on the bronze version to better match the finish. The top platform with the gromet on the sample is customized to allow access to the CCT switch for sample demonstration purposes. The platform is smooth for production versions and can be used for factory installed twist lock receptacle options if customers want to use third party controls that mount with the ANSI/NEMA 3, 5 or 7pin twist lock plug.

## CCT Selectable:

Choose between 3000K, 4000K or 5000K. The innovative design mixes multiple CCT colors to produce the desired CCT. Each CCT selection will power a different set of LEDs so not all LEDs are on. The LEDs are also different colors which is noticeable during daytime demonstrations. This blends into white light and is not seen when the fixtures are on at night.

## Controls:

All fixtures include a c-Max USB-C port that allows the customer to field install the round c-Max controls. Simply choose the round control node you need and install it in the field. It can be c-Max Basic Controls which are either a simple on/off photocell or a programmable motion sensor/photocell combo. You can also install c-Max Network Controls which offer grouping and scheduling functions. C-Max comes in either a dark (bronze) or light (white) finish so you can coordinate with the fixture finish. Consult the c-Max website for details on all the features and capabilities it offers. You can also refer to the c-Max Video Gallery or the M Series Product Video for an installation demonstration. As the c-Max offering expands and technology advances you can replace the control nodes with the latest c-Max technology without having to replace the fixture. So you can keep your controls current with the same fixture. If you want to use third party controls, a 3,5 or 7 pin NEMA twist lock receptacle can be factory installed where the flat platform is on the top of the head. This allows the customer to install their choice of third party control that works with a twist lock receptacle. For more sophisticated network controls that include demand monitoring and connection to cloud or internet based functions you can order factory installed Avi-On controls. The c-Max port is disconnected when these options are installed. M Series offers control capabilities from the simplest to the more sophisticated. Better yet it allows you to upgrade the fixture as technology improves without changing out fixtures.

## Lenses:

There are 7 different lenses to choose from. 4 are shared for Area and Wall, 2 are shared for Area and Flood and the Narrow is dedicated to Flood applications. The design incorporates a molded in gasket to make changing lenses quicker and easier with lower risk of compromising the seal when the factory changes lenses. We generally do not encourage changing lenses in the field but if a situation requires it, these same benefits apply for the installer changing the lenses.

**3M** - Type 3 Medium distribution, used for Area and Wall applications. The intent is to maximize side throw and fixture spacing with an elliptical pattern, often for roads, paths, parking lot entrances/exits and perimeter areas.

**3G** - Type 3 with low glare rating, used for Area and Wall applications. The intent is to address localized markets that require lower G ratings (ex: CA, AZ, Boulder, Austin, etc).

**4N** - Type 4 Forward Throw with a narrower width, used for Area and Wall applications. The intent is to maximize forward throw and minimize trespass light on the sides. These are used when the fixture is close to the property perimeter and over doorways.

**4W** - Type 4 Forward Throw with a wide pattern, used for Area and Wall applications. The intent is to maximize both forward throw and on the sides. It is also often used over doorways.

**5S** - Type 5 square (Flood soft wide 6x7), used for Area and Flood applications. The intent in Area is to paint squares on the ground which allows you to build a nice uniform coverage on the interior space you are lighting. For Flood applications it is a soft wide pattern, intended for applications where the setback is close to the target - good for wall washing.

**W** - Wide (Type 5 Low Glare), used for Area and Flood (concentrated wide 6x6) applications. The intent in Floods is for general purpose wide applications where you need some punch and are farther away from the target. For Area it is a general type 5 with low glare to address localized markets that require lower G ratings (ex: CA, AZ, Boulder, Austin, etc).

**N** - Narrow (4x4), used for Flood applications. The intent is to provide focused punch on a smaller area. It is ideal for flag pole lighting or small signs. This lens has a special feature that breaks up the concentric circle patterns common on narrow lenses to provide a very uniform tight pattern. This is the lens installed on the sample fixture so you can demonstrate it.

**Backlight** - This applies to Type 3 and 4 lenses in Area applications. These lenses have good backlight control, under 20%. You can reduce that further by using the field installed backlight shield accessory. This reduces the backlight to under 10%. This is important on fixtures that are on the perimeter. It all depends on localized codes and covenants as well as many specifications have requirements. Since the accessory is field installed DLC is not an issue.

## Mountings:

There are 6 different mountings, 3 for Area, 2 for Wall and 2 for Flood applications (Knuckle Slipfitter covers both Area and Flood). The arms, slipfitter and trunnion meet ANSI 3G vibration standard which is suitable for bridges and overpasses.

**Straight Arm** - 7" arm with labor saving slot hole pattern. For retrofits, if the existing hole pattern fits within the slots there is no need to drill new holes.

**Flexible Arm** - Same as the straight arm with a knuckle to allow the fixture to be tilted at an angle.

**Knuckle Slipfitter** - Adjustable knuckle with 2 3/8"-3" OD (outside diameter) slipfitter. Most applications are 2 3/8" OD, this will also cover the rare 3" OD requirement without needing an adapter.

**Trunnion** - Swivel trunnion for flat surface mount applications. The sturdy design allows it to meet ANSI 3G rating.

**Fixed Wall** - Direct wall mount with 4 x ½” threaded conduit holes (one on each side) for surface conduit applications.

**Variable Wall** - Adjustable wall mount which allows the fixture to be tilted. It also has 4 x 1/2” threaded conduit holes (one on each side) for surface conduit applications.

## Accessories:

Field installable and allow you to fine tune your application. They use existing screw holes in the fixture and come with hardware which is a little longer than what is standard on the fixture. DLC does not apply since they are field installed.

**Backlight Shield** - Intended for Type 3 and 4 lenses, reduces backlight below 10%. This is intended to meet most local codes and covenants that have backlight requirements.

**Visor** - This is intended mainly for Flood applications but is sometimes used in Area and Wall applications. The design is a half visor that can be installed either on the top or bottom half. You can put two together to make it a full visor. It is usually used to address glare or trespass light. Often it gets added after fixtures are installed and there are complaints.

**Visual Comfort Lens** - This is intended for lower mounted fixtures. It accomplishes two things – reduces the glare and creates a soft uniform pattern. It will not completely disguise the pixels. It will also bend the distribution towards a Type 5 or Wide pattern. Similar to visors it is sometimes added later after complaints. It can also be used for close to target applications where a soft, wide uniform pattern is desired like a wall wash or indirect lighting application.

## Life Safety Option (factory installed):

Choice of 0°C or -20°C rated battery backup fixture for wall applications. These are UL certified and include a test switch. They achieve 1fc minimum in a 10'x10' grid at 10'-12' mounting heights which should meet most local codes. Most common applications are at 8'-12' mounting heights with <100W fixtures.

## M Series Marketing Information:



[maxlite.com/m-series](http://maxlite.com/m-series)



M Series  
Product Video

## M Series Stock and Assembly Versions

The M Series is a modular design that creates faster service by being able to combine common components to make the exact model that you need. This is done at the factory level not in the field. Below is a list of base units that we stock by wattage and which versions will be Assembly items. Provided components are in stock, it should not take more than 1-2 weeks to ship.

### Stock Base Units

40W & 55W	
<b>M40U4W-CSBWCR</b>	40W, Type 4 Wide Lens, Wall Mount
<b>M40UW-CSBKCR</b>	40W, Flood Wide (Type 5 Low Glare) Lens, Slipfitter Mount
<b>M40UW-CSBTCR</b>	40W, Flood Wide (Type 5 Low Glare) Lens, Trunnion Mount
<b>M40U3M-CSBACR</b>	40W, Type 3 Medium Lens, Straight Arm Mount
<b>M55U4W-CSBWCR</b>	55W, Type 4 Wide Lens, Wall Mount
<b>M55UW-CSBKCR</b>	55W, Flood Wide (Type 5 Low Glare) Lens, Slipfitter Mount
<b>M55UW-CSBTCR</b>	55W, Flood Wide (Type 5 Low Glare) Lens, Trunnion Mount
<b>M55U3M-CSBACR</b>	55W, Type 3 Medium Lens, Straight Arm Mount

125W & 150W	
<b>M125U4W-CSBWCR</b>	125W, Type 4 Wide Lens, Wall Mount
<b>M125U3M-CSBACR</b>	125W, Type 3 Medium Lens, Straight Arm Mount
<b>M125U4W-CSBACR</b>	125W, Type 4 Wide Lens, Straight Arm Mount
<b>M125U3M-CSBKCR</b>	125W, Type 3 Medium Lens, Slipfitter Mount
<b>M125U4W-CSBKCR</b>	125W, Type 4 Wide Lens, Slipfitter Mount
<b>M125UW-CSBKCR</b>	125W, Flood Wide (Type 5 Low Glare) Lens, Slipfitter Mount
<b>M125UW-CSBTCR</b>	125W, Flood Wide (Type 5 Low Glare) Lens, Trunnion Mount
<b>M150U4W-CSBWCR</b>	150W, Type 4 Wide Lens, Wall Mount
<b>M150U3M-CSBACR</b>	150W, Type 3 Medium Lens, Straight Arm Mount
<b>M150U4W-CSBACR</b>	150W, Type 4 Wide Lens, Straight Arm Mount
<b>M150U3M-CSBKCR</b>	150W, Type 3 Medium Lens, Slipfitter Mount
<b>M150U4W-CSBKCR</b>	150W, Type 4 Wide Lens, Slipfitter Mount
<b>M150UW-CSBKCR</b>	150W, Flood Wide (Type 5 Low Glare) Lens, Slipfitter Mount
<b>M150UW-CSBTCR</b>	150W, Flood Wide (Type 5 Low Glare) Lens, Trunnion Mount

**This is not a guarantee of what is in stock but provides information about what we regularly stock and should have on order or in transit in the event of a temporary stockout. Assembly can switch lenses and mountings if you can find a base unit with stock.**

75W & 100W	
<b>M75U4W-CSBWCR</b>	75W, Type 4 Wide Lens, Wall Mount
<b>M75U3M-CSBACR</b>	75W, Type 3 Medium Lens, Wall Mount
<b>M75U4W-CSBACR</b>	75W, Type 4 Wide Lens, Wall Mount
<b>M75UW-CSBKCR</b>	75W, Flood Wide (Type 5 Low Glare) Lens, Slipfitter Mount
<b>M75UW-CSBTCR</b>	75W, Flood Wide (Type 5 Low Glare) Lens, Trunnion Mount
<b>M100U4W-CSBWCR</b>	100W, Type 4 Wide Lens, Wall Mount
<b>M100U3M-CSBACR</b>	100W, Type 3 Medium Lens, Straight Arm Mount
<b>M100U4W-CSBACR</b>	100W, Type 4 Wide Lens, Straight Arm Mount
<b>M100U3M-CSBKCR</b>	100W, Type 3 Medium Lens, Slipfitter Mount
<b>M100U4W-CSBKCR</b>	100W, Type 4 Wide Lens, Slipfitter Mount
<b>M100UW-CSBKCR</b>	100W, Flood Wide (Type 5 Low Glare) Lens, Slipfitter Mount
<b>M100UW-CSBTCR</b>	100W, Flood Wide (Type 5 Low Glare) Lens, Trunnion Mount

200/250/320W	
<b>M200U4W-CSBWCR</b>	200W, Type 4 Wide Lens, Wall Mount
<b>M200UW-CSBKCR</b>	200W, Flood Wide (Type 5 Low Glare) Lens, Slipfitter Mount
<b>M200UW-CSBTCR</b>	200W, Flood Wide (Type 5 Low Glare) Lens, Trunnion Mount
<b>M200U3M-CSBACR</b>	200W, Type 3 Medium Lens, Straight Arm Mount
<b>M200U3M-CSBKCR</b>	200W, Type 3 Medium Lens, Slipfitter Mount
<b>M250UW-CSBKCR</b>	250W, Flood Wide (Type 5 Low Glare) Lens, Slipfitter Mount
<b>M250UW-CSBTCR</b>	250W, Flood Wide (Type 5 Low Glare) Lens, Trunnion Mount
<b>M250U3M-CSBACR</b>	250W, Type 3 Medium Lens, Straight Arm Mount
<b>M250U3M-CSBKCR</b>	250W, Type 3 Medium Lens, Slipfitter Mount
<b>M320U4W-CSBWCR</b>	320W, Type 4 Wide Lens, Wall Mount
<b>M320UW-CSBKCR</b>	320W, Flood Wide (Type 5 Low Glare) Lens, Slipfitter Mount
<b>M320UW-CSBTCR</b>	320W, Flood Wide (Type 5 Low Glare) Lens, Trunnion Mount
<b>M320U3M-CSBACR</b>	320W, Type 3 Medium Lens, Straight Arm Mount
<b>M320U3M-CSBKCR</b>	320W, Type 3 Medium Lens, Slipfitter Mount

#### Assembly Versions

All HV drivers (277-480V)

All RPC or PR7 twist lock receptacles (CR function is disabled when this option is selected)

All Avi-On Controls (case by case situation, lead time will vary)

All E0 and E2 (Battery Backup) options

All 3G (Type 3 Low Glare), 4N (Type 4 Narrow), 5S (Type 5 Square/Soft Wide 6x7) and N (Flood Narrow)

All F (Flexible Arm) and V (Variable Wall) mountings