

PROJECT NAME:

CAT. #:

NOTES:

FIXTURE SCHEDULE:

## Adjustable Beam Flood 100-320W

Lower wattage versions  
on separate sheet



MSF100/150W Slipfitter



MSF100/150W Yoke



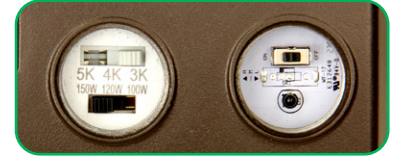
210/320W Slipfitter



210/320W Yoke



Adjustable Beam Angle



Wattage/CCT &amp; PC Switches

### Product Description:

The MaxLite Slim Flood Light family delivers high performance in a small and price-effective package. Larger wattages (100-320W) are available with either 2 3/8" OD knuckle slipfitter or a yoke mounting. All models are CCT selectable, allowing customers to choose from 3000K, 4000K or 5000K. 100-150W versions have an integral photocell that can be turned on or off. The 210-320W versions include a 7pin NEMA twist lock receptacle with a shorting cap so customers can install a twist lock photocell or control node if required. Additionally, all models have adjustable beam angles allowing the customer to customize the optics to their application.

### Construction:

- Die cast aluminum housing with corrosion resistant powder coat paint
- Tempered glass lens

### Controls:

- 100/150W include photocell with on/off switch
- 210/320W include 7 pin twist lock receptacle with shorting cap for field installable controls

### Installation:

- All models have adjustable beam angles between Narrow, Medium and Wide
- Available with slipfitter knuckle, yoke mount or combination of both mounts.
- 4' SO cord
- Mountings are field installable

### Listings:

- UL listed for Wet Locations, Outdoor

## Ordering Information

| FAMILY                  | WATTAGE                       | VOLTAGE                    | DISTRIBUTION                            | - | CCT                                                                                                            | COLOR                                                    | MOUNTING                                                                                  | CONTROLS                                                                                                                | SURGE PROTECTION                                                                  |
|-------------------------|-------------------------------|----------------------------|-----------------------------------------|---|----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| MSF= Maxlite Slim Flood | 100= 100W (dedicated wattage) | U= 120-277V<br>H= 277-480V | A= Adjustable Beam (Narrow/Medium/Wide) |   | WCS= Wattage/CCT Selectable (3/4/5K)<br><br>CS= CCT Selectable (3/4/5K, dedicated wattage for 100 & 210W only) | B= Bronze<br><br>Contact maxlite for additional finishes | K= Knuckle Slipfitter<br><br>Y= Yoke<br><br>2= Includes both Knuckle, Slipfitter and Yoke | PC= Button photo control (100/150W only)<br><br>PR7= 7-pin NEMA twist lock receptacle with shorting cap (210/320W only) | BLANK= 6kV standard<br><br>S= 20kA additional surge protector (factory installed) |
|                         | 150= 150W (100/130/150W)      |                            |                                         |   |                                                                                                                |                                                          |                                                                                           |                                                                                                                         |                                                                                   |
|                         | 210= 210W (dedicated wattage) |                            |                                         |   |                                                                                                                |                                                          |                                                                                           |                                                                                                                         |                                                                                   |
|                         | 320= 320W (210/250/320W)      |                            |                                         |   |                                                                                                                |                                                          |                                                                                           |                                                                                                                         |                                                                                   |

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## Stocked Items

| ORDER CODE | MODEL NUMBER      | DLC PRODUCT ID# | DLC CATEGORY                                                    | WATTAGE | CCT    |
|------------|-------------------|-----------------|-----------------------------------------------------------------|---------|--------|
| 111736     | MSF100UA-CSBKPC   | S-K6196Z        | Outdoor Luminaires - Architectural<br>Flood and Spot Luminaires | 104.7W  | 3/4/5K |
| 111734     | MSF100UA-CSBYPC   |                 |                                                                 |         |        |
| 112333     | MSF100HA-CSBKPC   | S-C7LGVK        |                                                                 | 103.3W  |        |
| 112332     | MSF100HA-CSBYPC   |                 |                                                                 |         |        |
| 111737     | MSF150UA-WCSBKPC  | S-94P4LL        |                                                                 | 153.1W  |        |
| 111738     | MSF150UA-WCSBYPC  |                 |                                                                 |         |        |
| 112334     | MSF150HA-WCSBKPC  | S-94P4LL        |                                                                 | 152.7W  |        |
| 112335     | MSF150HA-WCSBYPC  |                 |                                                                 |         |        |
| 111744     | MSF210UA-CSBKPR7  | S-1SLN2H        |                                                                 | 211.6W  |        |
| 111745     | MSF210UA-CSBYPR7  |                 |                                                                 |         |        |
| 111742     | MSF210HA-CSBKPR7  | S-PCWQD3        |                                                                 | 211.3W  |        |
| 111743     | MSF210HA-CSBYPR7  |                 |                                                                 |         |        |
| 111750     | MSF320UA-WCSBKPR7 | S-QDJGFR        |                                                                 | 315.2W  |        |
| 111751     | MSF320UA-WCSBYPR7 |                 |                                                                 |         |        |
| 111748     | MSF320HA-WCSBKPR7 | S-Z9RFJN        |                                                                 | 317.6W  |        |
| 111749     | MSF320HA-WCSBYPR7 |                 |                                                                 |         |        |

## Wattage Selectable Lumen Chart

|        |                       |                       |                       |
|--------|-----------------------|-----------------------|-----------------------|
| MSF150 | 100W= 14,020 - 16,910 | 130W= 16,640 - 20,620 | 150W= 19,570 - 23,350 |
| MSF320 | 210W= 28,360 - 31,430 | 250W= 31,750 - 36,910 | 320W= 40,070 - 44,880 |

## Accessories

| ORDER CODE | MODEL NUMBER  | DESCRIPTION                                                                                                                        | IMAGE |
|------------|---------------|------------------------------------------------------------------------------------------------------------------------------------|-------|
| 111821     | MSF-150WVISOR | HALF VISOR FOR MSF100/150                                                                                                          |       |
| 111822     | MSF-320WVISOR | HALF VISOR FOR MSF210/320                                                                                                          |       |
| 72055      | PCTL-UNV      | TWIST-LOCK ELECTRONIC PHOTOCONTROL 120/208/240/277V<br>(REQUIRES RPC OR PR7 FIXTURE OPTION)                                        |       |
| 1408292    | PCTL-HV       | TWIST-LOCK ELECTRONIC PHOTOCONTROL 480V<br>(REQUIRES RPC OR PR7 FIXTURE OPTION)                                                    |       |
| 96268      | MLRTLPCRSP    | SHORTING CAP FOR NEMA TWIST LOCK PHOTOCELL RECEPTACLE (3, 5 OR 7 PIN)<br>(REPLACEMENT PURPOSES REQUIRES RPC OR PR7 FIXTURE OPTION) |       |
| 111828     | MSF-150YOKEMT | MSF YOKE MOUNT 100/150W (CAN FIELD INSTALL)                                                                                        |       |
| 111829     | MSF-320YOKEMT | MSF YOKE MOUNT 210/320W (CAN FIELD INSTALL)                                                                                        |       |



# Adjustable Beam Flood 100-320W

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## Specifications

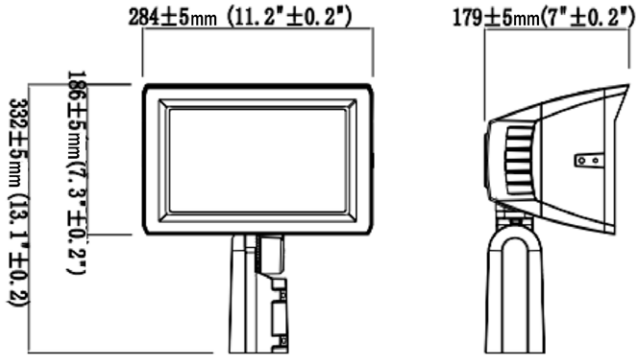
| Specifications                 | 100W                                                                                                                                               | 100/130/150W            | 210W                                                                     | 210/250/320W            |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|--------------------------------------------------------------------------|-------------------------|
| Power Consumption (W)          | 100W                                                                                                                                               | Selectable 100/130/150W | 210W                                                                     | Selectable 210/250/315W |
| Lumens (lm) Highest Wattage*   | 14,020 - 16,910                                                                                                                                    | 19,570 - 21,540         | 28,360 - 30,660                                                          | 40,070 - 44,880         |
| Efficacy (lm/w)                | 136 - 166                                                                                                                                          | 128 - 155               | 134 - 150                                                                | 127 - 142               |
| CRI                            | 80                                                                                                                                                 |                         |                                                                          |                         |
| Color Temperature (K)          | Selectable between 3/4/5K                                                                                                                          |                         |                                                                          |                         |
| Beam Angle                     | Adjustable between Narrow, Medium and Wide (55°, 75° and 90°)                                                                                      |                         |                                                                          |                         |
| Voltage                        | 120-277V, 277-480V available                                                                                                                       |                         |                                                                          |                         |
| Surge Protection               | 6kV standard, Option to add 20kA (factory installed)                                                                                               |                         |                                                                          |                         |
| Lumen Maintenance (L70) hrs    | 100K +                                                                                                                                             |                         |                                                                          |                         |
| Controls                       | 0-10V dimming leads staged and integral photocell with on/off switch                                                                               |                         | 0-10V dimming leads staged & 7 pin twist lock receptacle w/ shorting cap |                         |
| Housing                        | Die cast aluminum housing with corrosion resistant polyester powder coat                                                                           |                         |                                                                          |                         |
| Lens                           | Tempered Glass                                                                                                                                     |                         |                                                                          |                         |
| Mounting                       | 4', SO cord, 2 3/8" OD Knuckle Slipfitter or Yoke. Yoke is also field installable.<br>Option for both included ( <b>2</b> in mounting designation) |                         |                                                                          |                         |
| EPA (H=Horizontal, V=Vertical) | 0.71H, 0.83V ft²                                                                                                                                   |                         | 1.48H, 1.6V ft²                                                          |                         |
| Operating Temperature          | -40°F to 122°F (-40°C to 50°C)                                                                                                                     |                         |                                                                          |                         |
| Weight                         | 10.5lbs (4.7kg)                                                                                                                                    |                         | 22.5lbs (10.kg)                                                          |                         |
| Listings                       | UL, FCC, ANSI 3G Vibration, IP65                                                                                                                   |                         |                                                                          |                         |
| DLC                            | DLC 5.1 Premium                                                                                                                                    |                         |                                                                          |                         |
| Warranty                       | 5 Year warranty. Check <a href="http://maxlite.com/warranties">maxlite.com/warranties</a> for details.                                             |                         |                                                                          |                         |

## Adjustable Beam Flood 100-320W

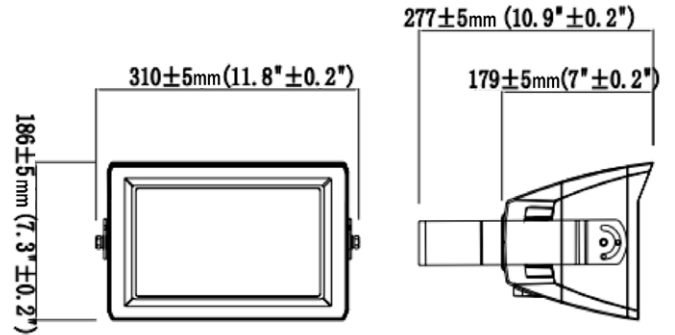
Lower wattage versions on separate sheet

### Product Dimensions

#### MSF100/150W

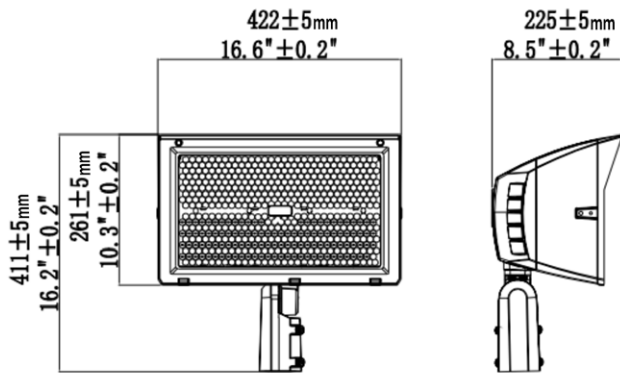


Knuckle Slipfitter

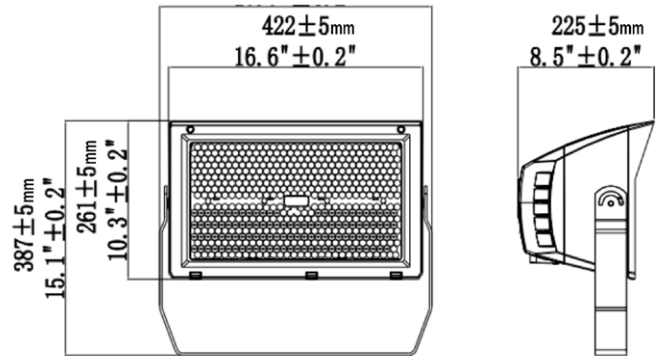


Yoke

#### MSF210/320W



Knuckle Slipfitter



Yoke

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### Dimensions

#### ISOFOOTCANDLE:

Each gridline represents one mounting height.

For mounting heights other than noted multiply FC by the below factor.

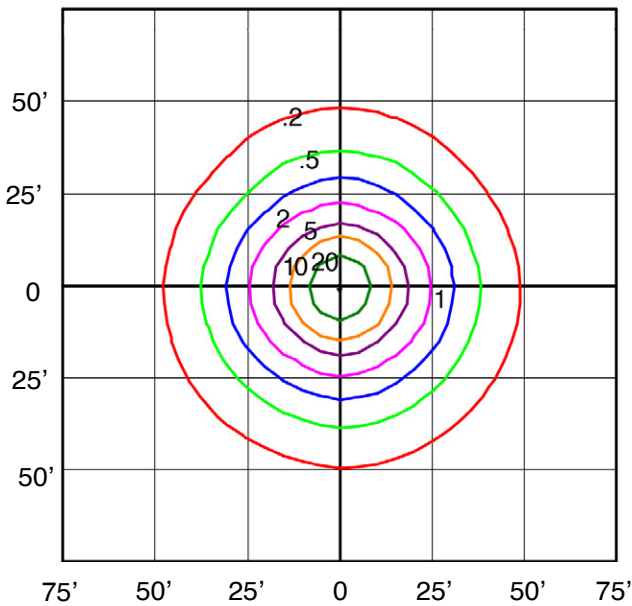
#### LEGEND

- 0.5 fc
- 1 fc
- 2 fc
- 5 fc

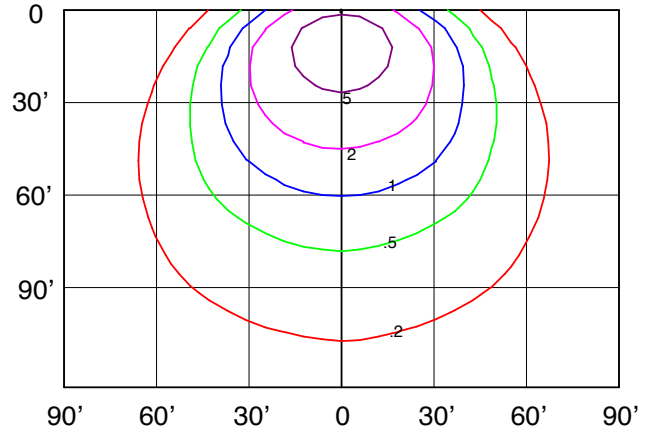
$$\text{Factor} = \frac{(\text{Chart's Mtg Height})^2}{(\text{Actual Mtg Height})^2}$$

Layouts based on 3000K. Results are 3-5% more for 4000/5000K.  
Consult IES file for more precise calculations.

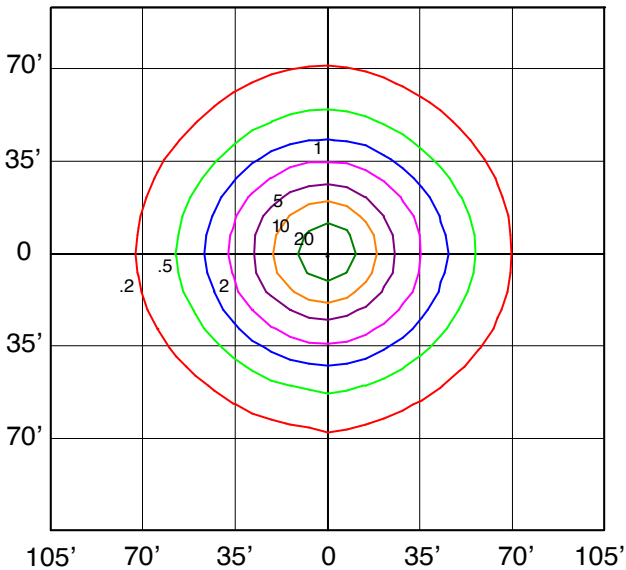
MSF150 Narrow 25' Setback



MSF150 Wide 30' Setback 45° Tilt



MSF320 Narrow 35' Setback



MSF320 Wide 40' Setback 45° Tilt

