PROJECT NAME:_____ CAT. #: _____

NOTES:_____ FIXTURE SCHEDULE:_____

Adjustable Beam Flood 100-320W

Lower wattage versions on separate sheet



MSF100/150W Slipfitter



MSF100/150W Yoke



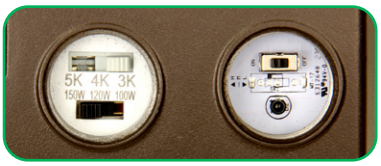
210/320W Slipfitter



210/320W Yoke



Adjustable Beam Angle



Wattage/CCT & 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 either a slipfitter knuckle or yoke mount.

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) **150=** 150W (100/130/150W) **210=** 210W (dedicated wattage) **320=** 320W (210/250/320W)	**U=** 120-277V **H=** 277-480V	**A=** Adjustable Beam (Narrow/Medium/Wide)		**WCS=** Wattage/CCT Selectable (3/4/5K) **CS=** CCT Selectable (3/4/5K, dedicated wattage for 100 & 210W only)	**B=** Bronze *Contact maxlite for additional finishes*	**K=** Knuckle Slipfitter **Y=** Yoke	**PC=** Button photo control (100/150W only) **PR7=** 7-pin NEMA twist lock receptacle with shorting cap (210/320W only)	**BLANK=** 6kV standard **S=** 20kA additional surge protector (factory installed)

5-year standard warranty (further details available at www.maxlite.com/warranties) Product may be eligible for a warranty extension to 10 years, for anadditional fee. Contact MaxLite for details.

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MaxLite

Adjustable Beam Flood 100-320W

Lower wattage versions on separate sheet

Stocked Items

ORDER CODE	MODEL NUMBER	DLC PRODUCT ID#	DLC CATEGORY	WATTAGE	CCT
111736	MSF100UA-CSBKPC	S-K6196Z	Outdoor Luminaires - Architectural 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 (REQUIRES RPC OR PR7 FIXTURE OPTION)	
1408292	PCTL-HV	TWIST-LOCK ELECTRONIC PHOTOCONTROL 480V (REQUIRES RPC or PR7 FIXTURE OPTION)	
96268	MLRTLPCRSP	SHORTING CAP FOR NEMA TWIST LOCK PHOTOCELL RECEPTACLE (3, 5 OR 7 PIN) (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)	

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MaxLite®

Adjustable Beam Flood 100-320W

Lower wattage versions on separate sheet

Specifications

	100W	100/130/150W	210W	210/250/320W
Power Consumption (W)	100W	Selectable 100/130/150W	210W	Selectable 210/250/315W
Lumens (lm) Hightest 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 & 7pin twist lock receptacle w/ shorting cap	
Housing	Die cast aluminum housing with corrosion resistant polyester powder coat			
Lens	Tempered Glass			
Mounting	2 3/8" OD Knuckle Slipfitter or Yoke. Yoke is also field installable			
EPA (H=Horizontal, V=Vertical)	0.71H, 0.83V ft^2		1.48H, 1.6V ft^2	
Operating Temperature	-40°C/40°F – 50°C/122°F (based on outdoor dusk to dawn operation in non-hazardous applications)			
Weight	10.5lbs (4.7kg)		22.5lbs (10.kg)	
Listings	UL, FCC, ANSI 3G Vibration, IP65			
DLC	DLC 5.1 Premium			
Warranty	5 years			

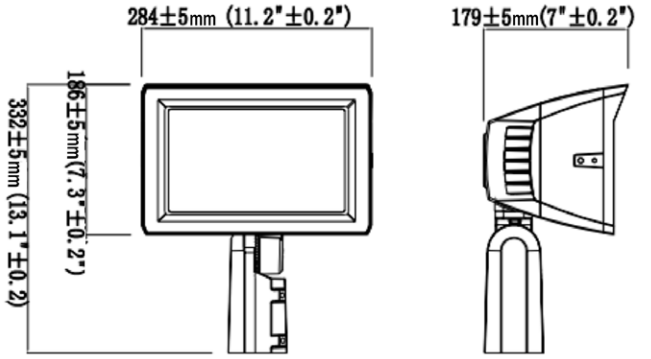
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Adjustable Beam Flood 100-320W

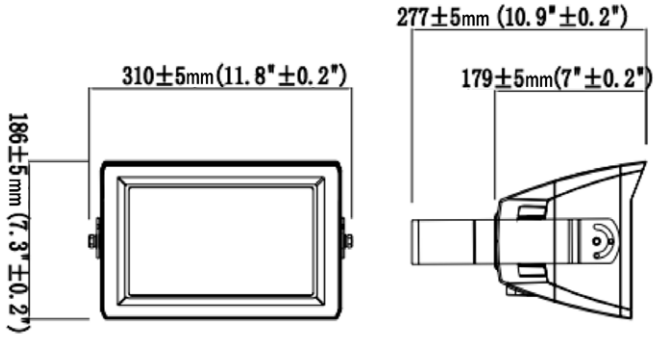
Lower wattage versions on separate sheet

Product Dimensions

MSF100/150W

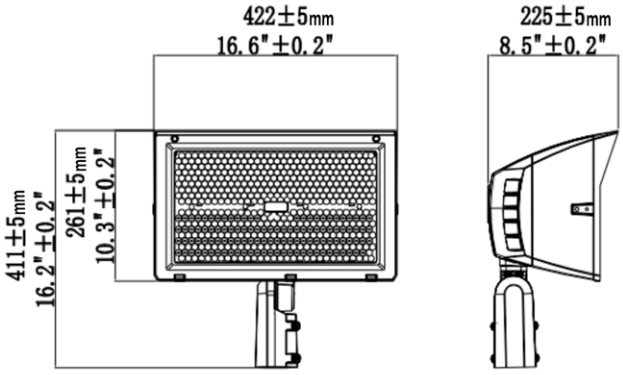


Knuckle Slipfitter

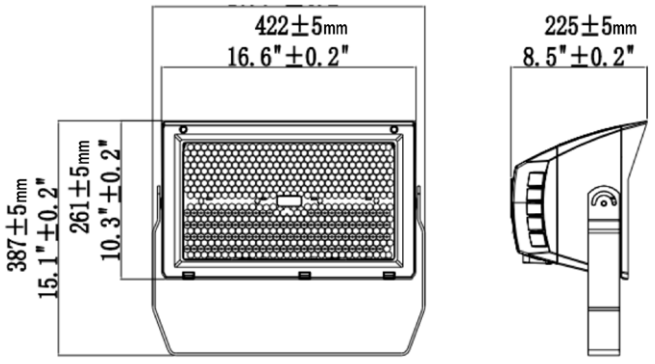


Yoke

MSF210/320W



Knuckle Slipfitter



Yoke

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MaxLite

Adjustable Beam Flood 100-320W

Lower wattage versions on separate sheet

Dimensions

ISOFOOTCANDLE:

Each gridline represents one mounting height.

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

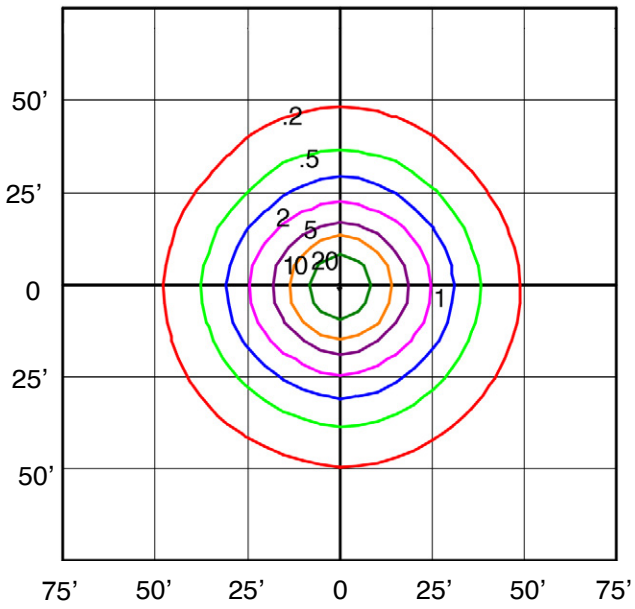
LEGEND

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

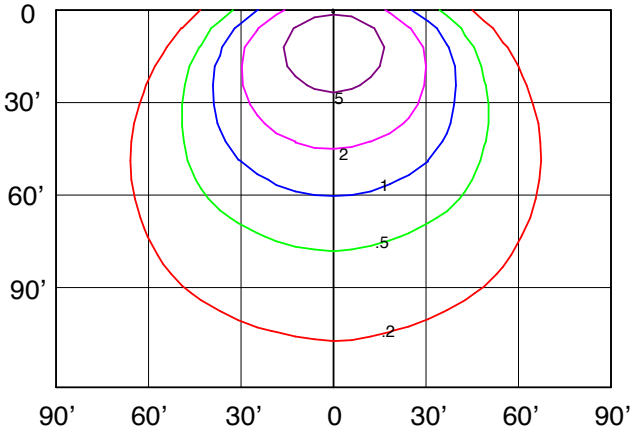
Factor= $\frac{\text{(Chart's Mtg Height)}^2}{\text{(Actual Mtg Height)}^2}$

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

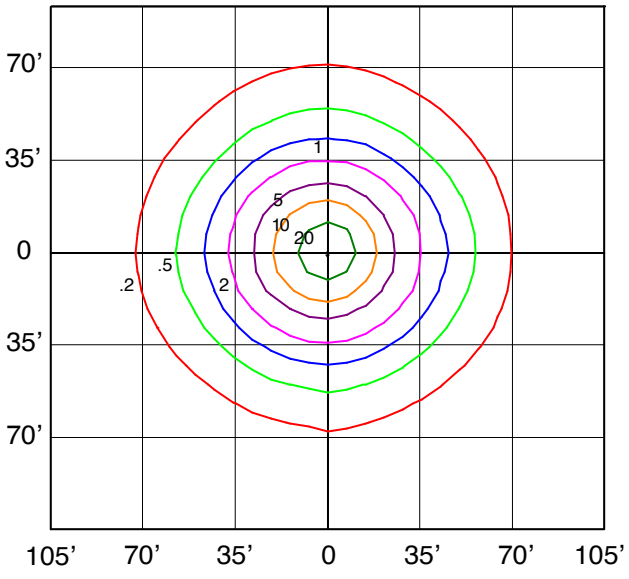
MSF150 Narrow 25' Setback



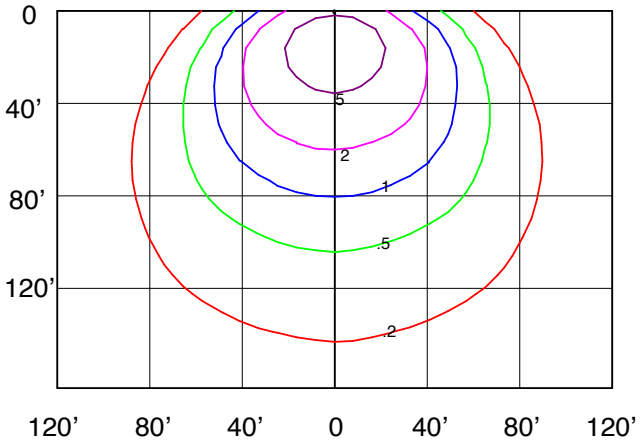
MSF150 Wide 30' Setback 45° Tilt



MSF320 Narrow 35' Setback



MSF320 Wide 40' Setback 45° Tilt



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