

PROJECT NAME: _____ CAT. #: _____
 NOTES: _____ FIXTURE SCHEDULE: _____

Adjustable Beam Flood (20-80W)

Higher wattage versions
on separate sheet



MSF20



MSF35



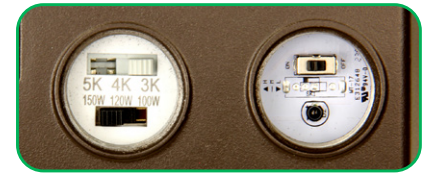
MSF60



MSF80



Adjustable Beam Angle



Wattage/CCT & PC Switches

Product Description:

The MaxLite Adjustable Beam Flood Light family delivers high performance in a small and price-effective package. All versions are available for a variety of mounting applications - 1/2" threaded knuckle, yoke and slipfitter. All models are CCT and Wattage selectable and include an integral photocell. Best of all, the beam angles are adjustable between Narrow, Medium and Wide allowing the customer to customize for their application.

Construction:

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

Controls:

- Includes photocell with on/off switch
- 4' staged 0-10V dimming leads

Installation:

- All models have adjustable beam angles between Narrow, Medium and Wide
- Includes both 1/2" threaded knuckle and yoke mount. Use TR2.37BZ for slipfitter applications
- 4' SO cord

Listings:

- UL listed for Wet Locations, Outdoor

Ordering Information

FAMILY	WATTAGE	VOLTAGE	BEAM	-	CCT	FINISH	MOUNTING	CONTROLS	OPTIONS
MSF= Slim Flood	20= 20W (Selectable 10/15/20W) 35= 35W (Selectable 15/25/35W) 45= 45W (Dedicated Wattage) 60= 60W (Selectable 45/50/60W) 80= 80W (Selectable 55/70/80W)	U= 120-277V	A= Adjustable between Narrow/ Medium/ Wide	-	CS= CCT Selectable (3/4/5K), dedicated 45W only WCS= CCT (3/4/5K) /Wattage Selectable	B= Bronze <i>Contact MaxLite for additional finishes</i> <i>*35W & 80W stock available in Black, White and Bronze</i>	KTY= Knuckle 1/2" Threaded & Yoke both included in carton, (use TR2.37BZ for Slipfitter applications)	PC= 120-277V Photocell	BLANK= None TA= TAA Compliant



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Stocked Items

ORDER CODE	MODEL NUMBER	DLC PRODUCT ID#	DLC CATEGORY	WATTAGE	CCT
111747	MSF20UA-WCSBKTYPC	S-RLZY60	Outdoor Luminaires - Architectural Flood and Spot Luminaires	20.5W	3/4/5K
111757	MSF35UA-WCSBKTYPC	S-H2C5GY		35W	
111758	MSF45UA-CSBKTYPC	S-4WFSWJ		46.9W	
111752	MSF60UA-WCSBKTYPC	S-3F25W3		62.5W	
111755	MSF80UA-WCSBKTYPC	S-JLZYLS		78.8W	

Wattage Selectable Lumen Chart

MSF20	10W= 1,270 - 1,630	15W= 1,910 - 2,440	20W= 2,610 - 2,890
MSF35	15W= 1,910 - 2,440	25W= 3,240 - 4,010	35W= 4,540 - 5,250
MSF60	45W= 6,220 - 7,300	50W= 6,200 - 7,800	60W= 7,770 - 8,970
MSF80	55W= 7,530 - 9,010	70W= 9,590 - 11,470	80W= 11,710 - 12,460

Accessories

ORDER CODE	MODEL NUMBER	DESCRIPTION	IMAGE
111817	MSF-20WVISOR	HALF VISOR FOR MSF20	
111818	MSF-35WVISOR	HALF VISOR FOR MSF35	
111819	MSF-60WVISOR	HALF VISOR FOR MSF45 and MSF60	
111820	MSF-80WVISOR	HALF VISOR FOR MSF80	
101679	TR2.37BZ	TENON REDUCER CONVERTS 1/2" KNUCKLE THREADED MOUNT (KT) TO 2 3/8" SLIPFITTER KNUCKLE (SK) MOUNT, BRONZE	
104352	GROUNDSTAKE	21" BLACK PVC GROUND STAKE WITH BRONZE DIE CAST CAP, GROUND STABILIZERS BARS AND HARDWARE TO MOUNT TO MOUNT JUNCTION BOX, WHICH ALLOWS ADDING AN EXTERNAL PHOTOCELL	
104350	JBOXB-4TH	JUNCTION BOX WITH 4 1/2" CONDUIT HOLES TOP COVER. PROVIDES MOUNTING FOR FLAT SURFACES AND ADDING EXTERNAL PC (PC-120277EXT)	
105551	MTGCOVER	DIE CAST ALUMINUM MOUNTING COVER WITH 3X1/2" THREADED CONDUIT HOLES, BRONZE	

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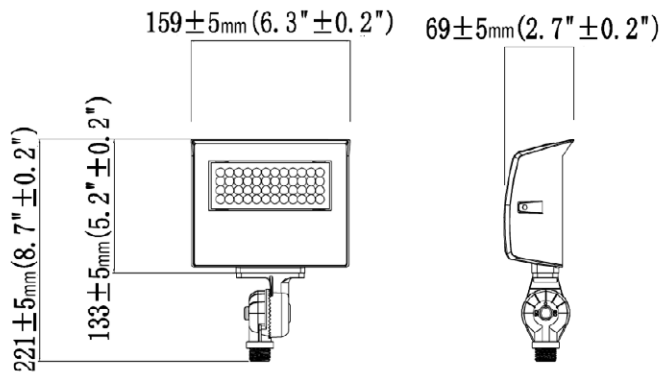
Specifications

Specifications	10/15/20W	15/25/35W	45W	45/50/60W	55/70/80W
Power Consumption (W)	Selectable 10/15/20W	Selectable 15/25/35W	45W	Selectable 45/50/60W	Selectable 55/70/80W
Lumens (lm) Highest Wattage*	2,610 - 2,890	4,540 - 5,250	6,220 - 7,300	7,770 -8,970	11,710 - 12,460
Efficacy (lm/w)	127 - 143	130 - 161	133 - 163	124 - 156	137 - 155
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				
PF/THD	>0.90/<20%				
Surge Protection	2.5kV		6kV		
Lumen Maintenance (L70) hrs	100K +				
Controls	0-10V dimming leads staged and integral photocell with on/off switch				
Housing	Die cast aluminum housing with corrosion resistant polyester powder coat				
Lens	Tempered Glass				
Mounting	1/2" threaded knuckle, yoke and 4' SO cord included (order TR2.37BZ for slipfitter applications)				
EPA (H=Horizontal, V=Vertical)	0.13H, 0.3V ft²	0.15H, 0.34V ft²	0.22H, 0.5V ft²		0.34H, 0.65V ft²
Operating Temperature	-40°F to 122°F (-40°C to 50°C)				
Weight	2.25lbs (0.96kg)	2.75lbs (1.2kg)	3.75lbs (1.7kg)		5.1lbs (2.3kg)
Listings	UL, FCC, ANSI 3G Vibration, IP65				
DLC	5.1 Premium				
Warranty	5 Year warranty. Check maxlite.com/warranties for details.				

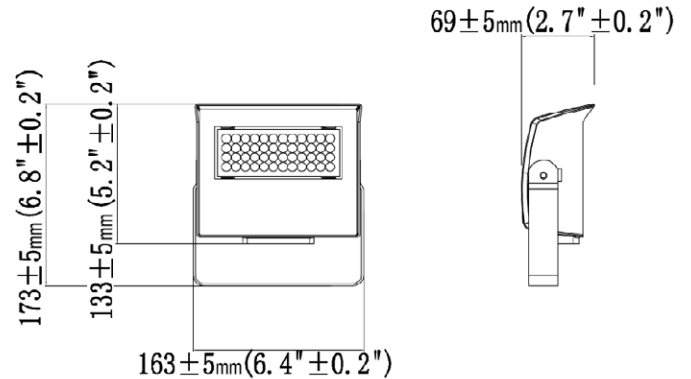
* See Wattage Selectable Lumen Chart for additional lumen settings

Product Dimensions

MSF20/15/10W



Threaded Knuckle

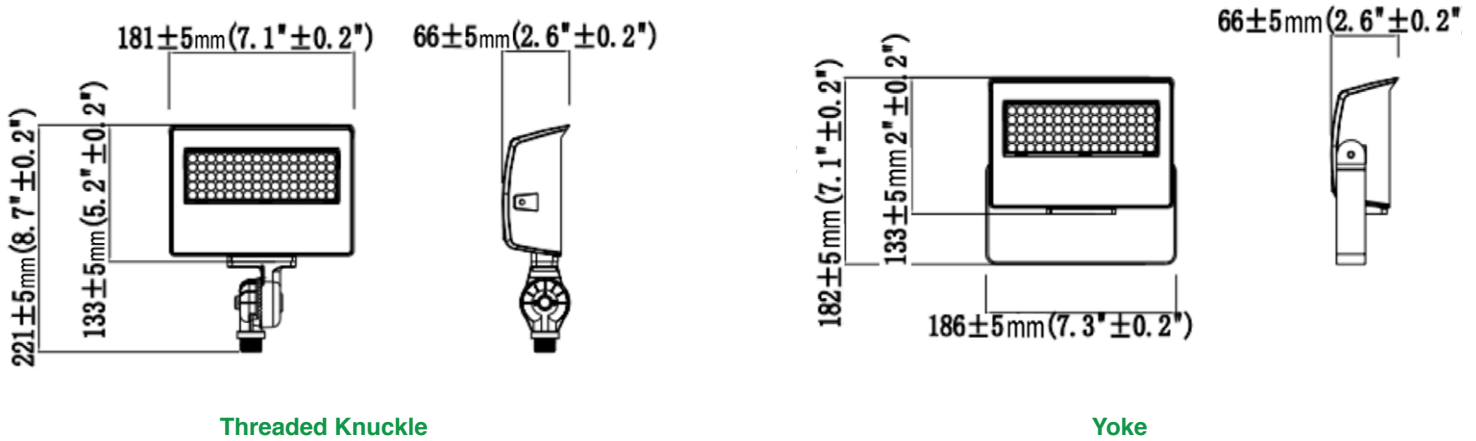


Yoke

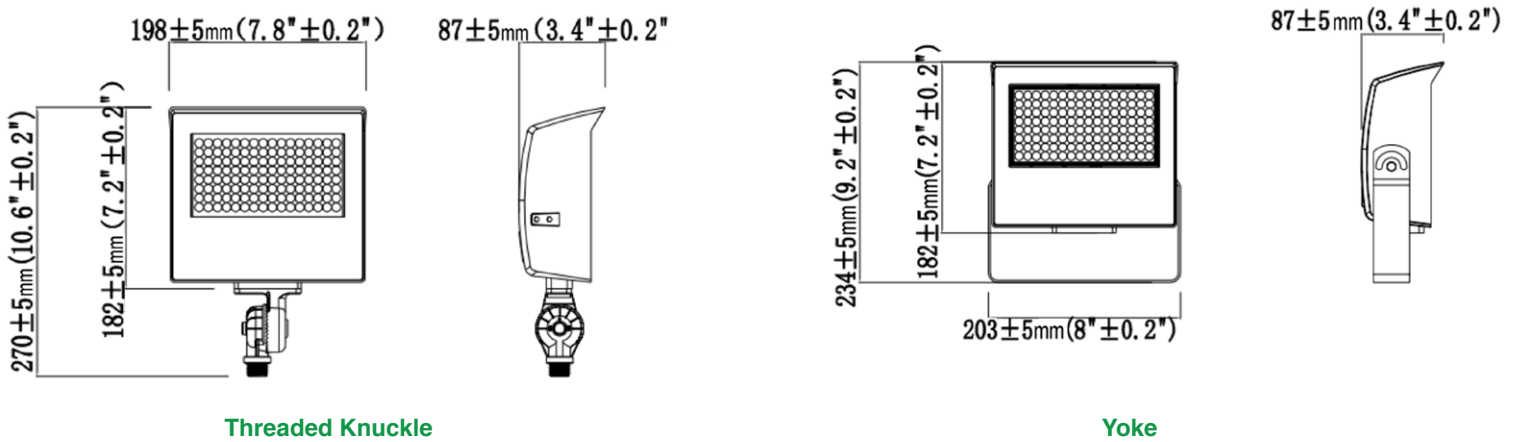
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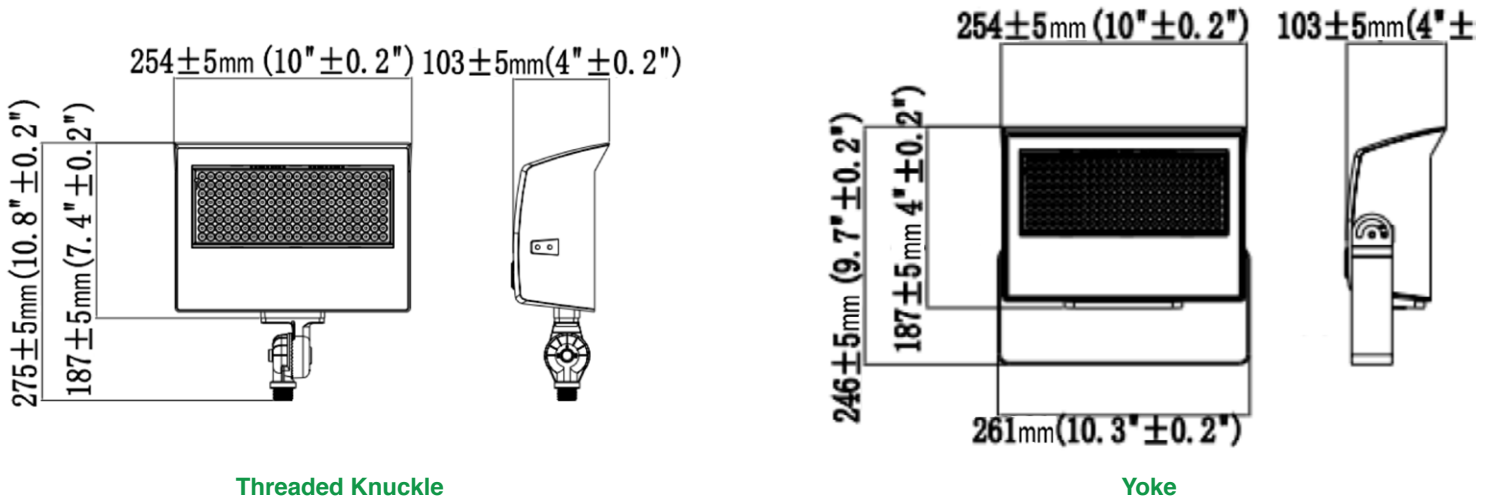
MSF35/25/15W



MSF60/50/45W



MSF80/70/55W



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Dimensions

LEGEND

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

ISOFOOTCANDLE:

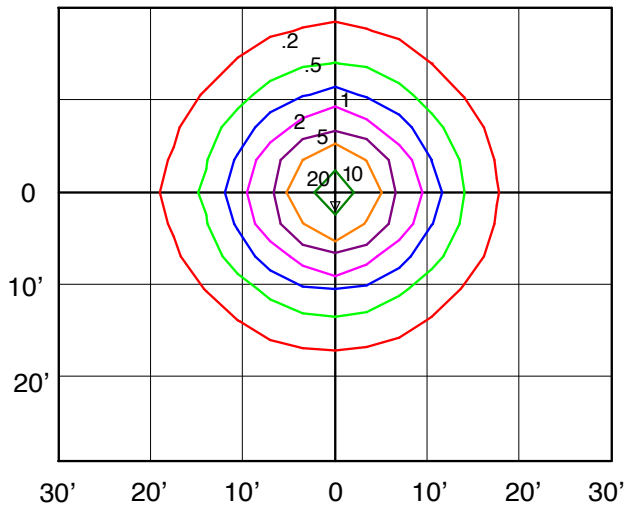
Each gridline represents one mounting height.

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

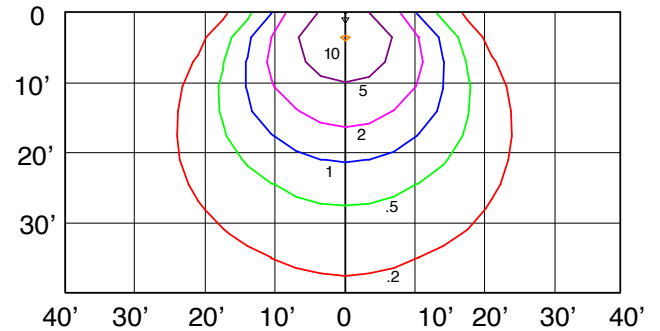
$$\text{Factor} = \frac{(\text{Chart's Mtg Height})^2}{(\text{Actual Mtg Height})^2}$$

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

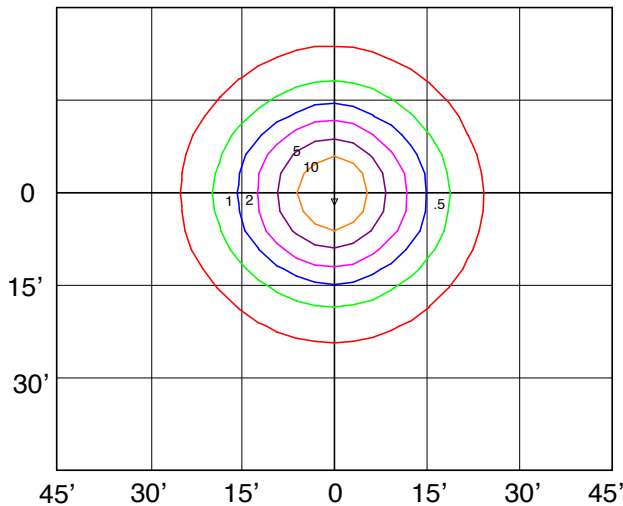
MSF20W Narrow 10' setback



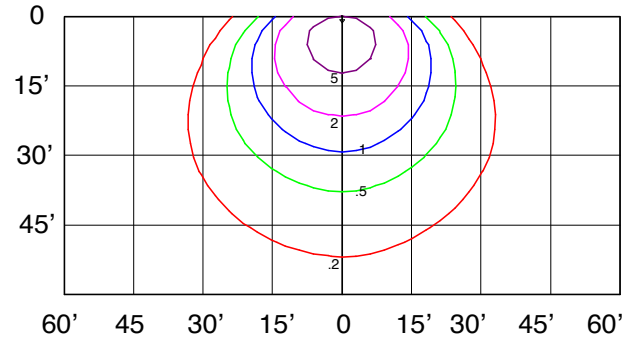
MSF20 Wide 10' setback 45 tilt



MSF35 Narrow 15' setback



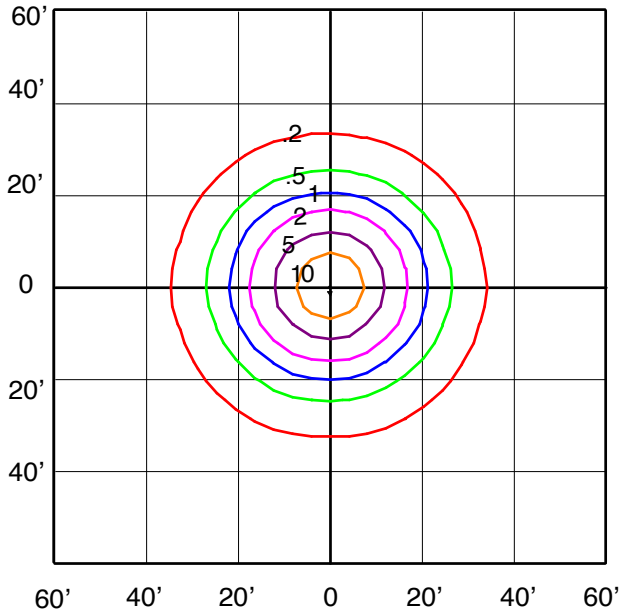
MSF35 Wide 15' setback 45 tilt



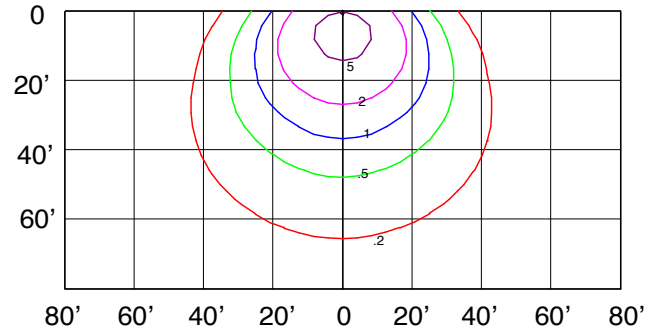
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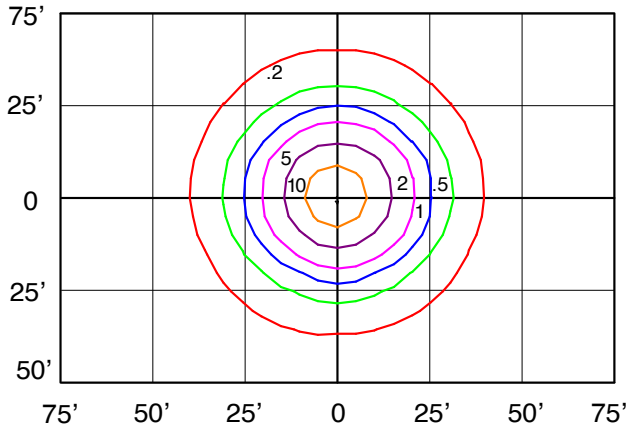
MSF60 Narrow 20' setback



MSF60 Wide 20' setback 45 tilt



MSF80 Narrow 25' setback



MSF80 Wide 25' setback 45 tilt

