

# LED FLOODLIGHT

selection guide



	<p><b>Beam Spreads</b></p> <ul style="list-style-type: none"> <li> Wide</li> <li> Medium</li> <li> Narrow</li> <li> Specialty</li> </ul>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">ARF 1 </div> <div style="text-align: center;">ARF 2 </div> <div style="text-align: center;">ARF 3 </div> <div style="text-align: center;">ARF 4 </div> </div>							
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	<p><b>Beam Spreads</b></p> <ul style="list-style-type: none"> <li> Wide</li> </ul>	ALF-6LU 	ALF-12LU 	FSL-7 	FSL-14 	FLL 	FLL -140 	MHS-30LU* 	FXL 

\*Narrow, Medium and Wide Available.

The NEMA beam spread identifies the two edges where the light intensity spreads horizontal and vertical to 10% of the maximum beam intensity.

Example: 60° Horizontal x 50° Vertical = NEMA 4x4

NEMA Beam Spread Classification		
Beam Spread Degrees	NEMA Type	Beam Description
10° up to 18°	1	very narrow
18° - 29°	2	narrow
29° - 46°	3	medium narrow
46° - 70°	4	medium
70° - 100°	5	medium wide
100° - 130°	6	wide
130° and up	7	very wide

	Floodlight Series	Beam Pattern	# LEDs	Delivered Lumens	Max Candle Power	System Watts	Energy Savings	Equivalency	LPW	CCT	Drivers/Current	Voltage
WIDE BEAM	ALF-6LU	Wide	6	905	667	10	85%	26w CFL, 72w MH	90	5000K	1@470mA	120-277V
	ALF-12LU	Wide	12	1,913	1,395	21	80%	42w CFL 100w MH	89	5000K	2@470mA	120-277V
	FSL-7L	6 X 6	7	2,040	1,450	27	82%	42w CFL 100+w MH	77	5000K	1@1050mA	120-277V
	FML-14L	6 X 6	14	4,285	2,805	53	78%	2x42w CFL, 150+w MH	81	5000K	1@1050mA	120-277V
	MHS-30LU-W	6 X 6	30	5,500-7,707	4,600-5,730	70	65%	250w MH	80-110	3K,4K,5K	1@700mA	120-277V
	ARF3/ARF4	6 X 6	42/84	9,132/18,780	6,743/12,564	97/194	55%	250w/400w MH	94/97	3K,4K,5K	1@700mA/2@	120-277V, 347, 480
	MLED-80LU-W	7 X 7	80	9,874	3,585	179	65%	400w MH	55	4800K	2@525mA	120-277V
	ARF1-K-10L-5K-070-W	6 x 6	10	2,129	1,512	25	83%	42w CFL, 100+w MH	84.5	3K,4K,5K	1@700mA	120-277V
	ARF2-K-20L-5K-070-W	6 x 6	20	4,486	2,978	52	80%	2x42w CFL, 150+w MH	87	3K,4K,5K	2@700mA	120-277V
	FXL-56L	Wide	56	21,095	15,816	187	66%	400w+ MH	113	5000K	2@1050mA	120-277V
	FLL-140L	Wide	140	14,665/14,764	5,627/5,731	150	67%	400w MH	98	4K, 5K	1@158mA	120-277V
	FLL-28L	Wide	28	9,557	6,935	95	66%	250w MH	100	5000K	1@1050mA	120-277V
	FL-1	Wide	18	2,232	1,630	25	88%	42wCFL 175w MH	89	5000K	1@ 700mA	120-277V
	Cadet	Wide	24	5,061	3,311	55	74%	2x42w CFL 175w+ MH	89	5000K	2@ 700mA	120-277V
Alpha	Wide	72	20,260	16,089	220	53%	400w+ MH	92	5000K	2@ 1050mA	120-277V, 347, 480	
MEDIUM BEAM	MHS-30LU-M	3 X 3	30	5,700-7,860	23,700-30,600	70	75%	250w MH	83-112	3K,4K,5K	1@700mA	120-277V
	ARF3/ARF4	4 X 4	42/84	9,535/19,368	39,358/78,017	97/194	55%	250w/400w MH	98/100	3K,4K,5K	1@700mA/2@	120-277V, 347,480
	MLED-80LU-M	5 X 5	80	11,121	17,648	179	66%	400w MH	62	4800K	2@525mA	120-277V, 347*
	ARF1-K-10L-5K-070-M	4 x 4	10	2,285	6,842	25	83%	42w CFL, 100+w MH	90	3K,4K,5K	1@700mA	120-277V,
	ARF2-K-20L-5K-070-M	4 x 4	20	4,600	13,625	52	80%	2x42w CFL, 150+w MH	89	3K,4K,5K	2@700mA	347V*
	ARF1-K-10L-5K-070-RM	5 x 4	10	1,875	3,185	25	75%	42w CFL, 100+w MH	72	3K,4K,5K	1@700mA	120-277V
	FL-1	Medium	18	2,063	1,715	25	88%	42wCFL 175w MH	92	5000K	1@ 700mA	120-277V
	Cadet	Medium	24	4,966	4,370	55	74%	2x42w CFL 175w+ MH	85	5000K	2@ 700mA	120-277V
Alpha	Medium	72	20,143	65,349	220	53%	400w+ MH	92	5000K	2@ 1050mA	120-277V, 347, 481	
RM	ARF2-K-20L-5K-070-RM	5 x 4	20	3,926	6,582	52	76%	2x42w CFL, 150+w MH	73	3K,4K,5K	2@700mA	120-277V
NARROW BEAM	MHS-30LU-N	3 X 3	30	5,625-7,556	43,600-56,600	70	75%	250w MH	80-108	3K,4K,5K	1@700mA	120-277V
	ARF3/ARF4	3 X 3	42/84	9,097/18,498	77,118/153,408	97/194	55%	250w/400w MH	94/95	3K,4K,5K	1@700mA/2@	120-277V, 347, 480
	MLED-80LU-N	3 X 3	80	11,362	61,540	179	65%	400w MH	63	4800K	2@525mA	120-277V, 347V*
	ARF1-K-10L-5K-070-N	3 x 3	10	2,279	18,549	25	78%	42w CFL, 100+w MH	90	3K,4K,5K	1@700mA	120-277V
	ARF2-K-20L-5K-070-N	3 x 3	20	4,692	37,587	52	76%	2x42w CFL, 150+w MH	91.5	3K,4K,5K	2@700mA	120-277V
	FL-1	Narrow	18	2,287	18,311	25	88%	42wCFL 175w MH	91	5000K	1@ 700mA	120-277V
	Cadet	Narrow	24	5,225	16,332	55	74%	2x42w CFL 175w+ MH	90	5000K	2@ 700mA	120-277V
	Alpha	Narrow	72	20,333	164,385	220	53%	400w+ MH	96	5000K	2@ 1050mA	120-277V, 347, 482

\*Please visit these websites for complete floodlight information.