

# LED FLOODLIGHT

selection guide



 	<b>Beam Spreads</b> Wide Medium Narrow Specialty	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Pivot</p> </div> <div style="text-align: center;"> <p>Microflood</p> </div> <div style="text-align: center;"> <p>ALF-10</p> </div> <div style="text-align: center;"> <p>Type X Flood</p> </div> </div>			
	<b>Beam Spreads</b> Wide Medium Narrow Specialty	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>FL-1</p> </div> <div style="text-align: center;"> <p>CADET</p> </div> <div style="text-align: center;"> <p>ALPHA</p> </div> </div>			
	<b>Beam Spreads</b> Wide Medium Narrow	<div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;"> <p>ALF-6LU</p>   <p>ALF-12LU</p> </div> <div style="text-align: center;"> <p>SG-1<sup>1</sup></p> </div> <div style="text-align: center;"> <p>SG-2<sup>1</sup></p> </div> <div style="text-align: center;"> <p>FSL</p> </div> <div style="text-align: center;"> <p>FML</p> </div> <div style="text-align: center;"> <p>FLL</p> </div> <div style="text-align: center;"> <p>FLL</p> </div> <div style="text-align: center;"> <p>MHS-30LU*</p> </div> <div style="text-align: center;"> <p>FXL</p> </div> <div style="text-align: center;"> <p>LFX</p> </div> </div> <p style="text-align: center; margin-top: 5px;"><sup>1</sup> Wide beam only</p> <p style="text-align: right; margin-top: 5px;">*Narrow, Medium and Wide Available.</p>			

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	Delivered Lumens	Max Candle Power	System Watts	Energy Savings	Equivalency	LPW	CCT	Drivers/Current	Voltage
WIDE BEAM	ALF-6	Wide	1122	861	10	85%	26W CFL, 72W MH	112	5000K	1@470mA	120-277V
	ALF-12	Wide	2303	1749	21	83%	42W CFL, 100W MH	110	5000K	2@470mA	120-277V
	Colt	Wide	1802-1886	1185-1218	21	83%	42W CFL, 100W MH	85/89	3K, 4K	1@530mA	120-277V
	Mini Colt	Wide	1115	777	13.2	86%	26W CFL, 72W MH	84.5	3000K	20mA	120V
	MHS-30LU-W	Wide	5500-7707	4600-5730	70	65%	250W MH	80-110	3K, 4K, 5K	1@700mA	120-277V
	FSL	Wide	1984-2664	1494-1814	24	81%	100W MH	83-103	3K, 4K, 5K	1@700mA	120-277V
	FML	Wide	3446-4957	2548-3291	50	76%	175W MH	69-96	3K, 4K, 5K	1@700mA	120-277V
	FLL	Wide	7694-10967	5475-8024	96	66%	250w MH	79-113	3K, 4K, 5K	1@700mA	120-277V, 347, 480
	FLL-140	Wide	14665/14764	5627/5731	150	67%	400W MH	98	4K, 5K	1@158mA	120-277V
	FXL	Wide	14564-20892	10200-13804	193	77%	750W MH	75-108	3K, 4K, 5K	2@700mA	120-277V, 347, 480
	LFX	Wide	33,368-35,125	15,398-15,554	341	66%	1000-1500W MH/HPS	102-104	3K, 4K, 5K	1@1480mA	120-277V, 347, 481
	FL-1	Wide	2,232	1,630	25	88%	42wCFL 175w MH	89	5000K	1@700mA	120-277V
	Cadet	Wide	5,061	3,311	55	74%	2x42w CFL 175w+ MH	89	5000K	2@ 700mA	120-277V
	Alpha	Wide	20,260	16,089	220	53%	400w+ MH	92	5000K	2@ 1050mA	120-277V, 347, 480
	Microflood	Wide	889-1703	665-13129	10 or 16	83-85%	26W CFL, 72W MH	94.6-94.8	3K, 4K, 5K	1@350mA or 1@550mA	120-277V
	Sign/Wall Lighter	Wide	1526-4303	716-1933	37/56/74	64%	100-175W MH	41-58	3K, 4K, 5K	1 @ 700mA	120-277V
	Pivot	Wide	2279-21400	1517.08 (2' only)	30-241	47-76%	100-400W +	71-95	3K, 4K, 5K	1-8 @ 700mA	120-277V
	CFL	Wide	2017-2582	702-899	30	85%	42wCFL 175w MH	67-86	3K, 4K, 5K	1 @ 350mA	120-277V
	AFL-10	Wide	9992	5719	88	53%	150W MH	114	3K, 4K, 5K	1 @ 350mA or 1 @ 500mA	120-277V, 347, 480
	Type X Flood	Wide	6107-33090	4280-20514	62-283	74%	200-1000W MH	96.6-110.8	3K, 4K, 5K	1-2 @ 350-850mA	120-277V, 347, 480
SG1-20/30	Wide	2,263/3,270	1,237/1,758	21/29	72%	42w CFL, 100+w MH	108/113	3K, 4K, 5K	1@250mA/350mA	120-277V	
SG2-50/80	Wide	5,548/8,061	3,842/5,694	51/80	72%	250w MH	101/110	3K, 4K, 5K	1@415mA/650mA	120-277V	
MEDIUM BEAM	Colt	Medium	1935/1965	5846/6050	21	83%	42W CFL, 100W MH	89/94	3K, 4K	1@530mA	120-277V
	MHS-30LU-M	Medium	5,700-7,860	23,700-30,600	70	75%	250w MH	83-112	3K, 4K, 5K	1 @ 700mA	120-277V
	FSL	Medium	2008-2742	5671-8210	24	81%	100W MH	84-109	3K, 4K, 5K	1 @ 700mA	120-277V
	FML	Medium	3618-5083	10399-15056	50	76%	175W MH	74-99	3K, 4K, 5K	1 @ 700mA	120-277V
	FLL	Medium	7654-11400	26201-46836	96	66%	250w MH	81-119	3K, 4K, 5K	1 @ 700mA	120-277V, 347, 480
	FXL	Medium	14690-21360	50207-85834	193	77%	750W	76-111	3K, 4K, 5K	2 @ 700mA	120-277V, 347, 480
	LFX	Medium	33,392-35,150	88,010-92,643	341	6600%	1000-1500W MH/HPS	98-103	3K, 4K, 5K	1@1480mA	120-277V, 347, 481
	FL-1	Medium	2063	1715	25	88%	42wCFL 175w MH	92	5000K	1 @ 700mA	120-277V
	Cadet	Medium	4966	4370	55	74%	2x42w CFL 175w+ MH	85	5000K	2@ 700mA	120-277V
	Alpha	Medium	20143	65349	220	53%	400w+ MH	92	5000K	2@ 1050mA	120-277V, 347, 480
Type X Flood	Medium	6319-33090	4674-23977	62-283	74%	200-1000W MH	100.0-117.0	3K, 4K, 5K	1-2 @ 350-850mA	120-277V, 347, 480	
RM	FSL	Rectangular Medium	1714-2250	2977-3822	24	81%	100W MH	71-88	3K, 4K, 5K	1 @ 700mA	120-277V
	FML	Rectangular Medium	3132-4338	5527-7273	50	76%	175W MH	63-84	3K, 4K, 5K	1 @ 700mA	120-277V
	FLL	Rectangular Medium	6702-9806	11395-17388	96	66%	250w MH	71-102	3K, 4K, 5K	1 @ 700mA	120-277V, 347, 480
	FXL	Rectangular Medium	12679-18297	21299-31495	193	77%	750W MH	66-95	3K, 4K, 5K	2 @ 700mA	120-277V, 347, 480
	MHS-30LU-N	Narrow	5,625-7,556	43,600-56,600	70	75%	250w MH	80-108	3K, 4K, 5K	1 @ 700mA	120-277V
NARROW BEAM	FSL	Narrow	2007-2735	17546-22259	24	81%	100W MH	84-110	3K, 4K, 5K	1 @ 700mA	120-277V
	FML	Narrow	3618-5185	31214-41534	50	76%	175W MH	75-103	3K, 4K, 5K	1 @ 700mA	120-277V
	FLL	Narrow	7473-10860	63093-91770	96	66%	250w MH	80-114	3K, 4K, 5K	1 @ 700mA	120-277V, 347, 480
	FXL	Narrow	14657-20378	122173-168549	193	77%	750W MH	76-106	3K, 4K, 5K	2@ 700mA	120-277V, 347, 480
	LFX	Narrow	33,535-35,300	139,213-146,540	341	66%	1000-1500W MH/HPS	341	3K, 4K, 5K	1@1480mA	120-277V, 347, 480
	Colt	Narrow	1873/1979	11779/12420	21	83%	42W CFL, 100W MH	90/94	3K/4K	1 @ 530mA	120-277V
	FL-1	Narrow	2,287	18,311	25	88%	42wCFL 175w MH	91	5000K	1 @ 700mA	120-277V
	Cadet	Narrow	5,225	16,332	55	74%	2x42w CFL 175w+ MH	90	5000K	2 @ 700mA	120-277V
	Alpha	Narrow	20333	164385	220	53%	400w+ MH	96	5000K	2 @ 1050mA	120-277V, 347, 480
	Microflood	Narrow	938-1511	2722-4655	10 or 16	83-85%	26W CFL, 72W MH	100.9-100.7	3K, 4K, 5K	1@350mA or 1@550mA	120-277V
CFL	Narrow	2017-2582	702-899	30	85%	42wCFL 175w MH	67-86	3K, 4K, 5K	1 @ 350mA	120-277V	
AFL-10	Narrow	10924	14255	87	54%	150W MH	125	3K, 4K, 5K	1 @ 350mA or 1 @ 500mA	120-277V, 347, 480	
Type X Flood	Narrow	6443-32373	7585-42387	62-283	74%	200-1000W MH	102.0-114.7	3K, 4K, 5K	1-2 @ 350-850mA	120-277V, 347, 480	

\*Please visit these websites for complete floodlight information.

\*347V available in Canada