

Project Name: _____ Type: _____ Quantity: _____

INTENDED USE

The Selectable Beam Spread/Wattage/CCT LED Flood Light is designed for projects that require flexibility without compromising visual control. With selectable beam spreads (90°, 75°, 55°), four lumen outputs, and three CCT options, it adapts easily to varied site conditions—from highlighting signage and façades to illuminating landscapes, walkways, and parking areas. Its multiple mounting configurations support seamless integration across building exteriors, billboards, corridors, and public spaces such as parks and plazas. This fixture offers a streamlined solution for architects and lighting designers seeking adaptable, specification-ready floodlighting.

FEATURES

Construction: Die-cast aluminum housing provides efficient thermal management and extended LED life. Compact, low-profile design is 1.5G vibration-rated to reduce wind load.

Lens: Fully sealed tempered glass protects against moisture and environmental contaminants.

Finish: Dark Bronze

Beam Spread Adjustable: 90°, 75°, 55°

Color Temperature: 35/40/50K Selectable switch

Wattage Adjustable: 100%, 80%, 60%, 40%. See performance data on pg. 3

Photocell: Included

CRI: 80+

Voltage: Universal 120–277V AC or 277–480V AC

Driver: 0–10V Dimming down to 10%

PF: >0.9

THD: <15%.

Operating Temperature: -40°F to +113°F

Life: 50,000 Hours

Listing: UL and cUL listed for wet locations

Warranty: 5 years carefree for parts & components (Labor not included).



30W



60W, 90W



120W, 150W



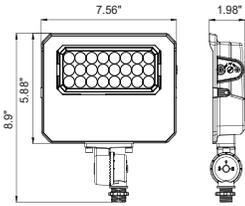
ORDERING INFORMATION Example:

Model	Mounting	Wattage	Voltage
11411	KN ¹ Knuckle	30 30W	UNV 120–277V (Universal)
	TR ¹ Trunnion	60 60W	
	SF ² Slip Fitter	90 90W	HV ³ 277–480V (High Voltage)
	YK ² Yoke	120 120W	
		150 150W	

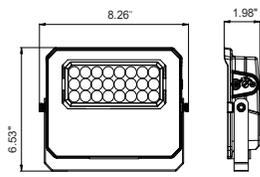
¹ Available only in 30W, 60W, or 90W
² Available only in 120W or 150W
³ Available only in 90W, 120W or 150W

LINE DRAWINGS

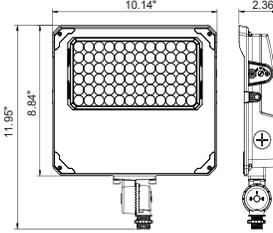
30W (Knuckle Mount)



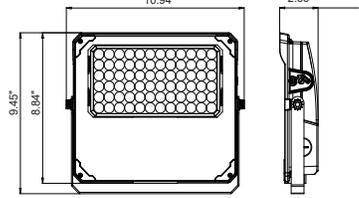
30W (Trunnion Mount)



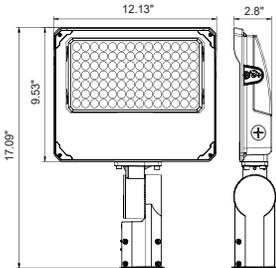
60W, 90W (Knuckle Mount)



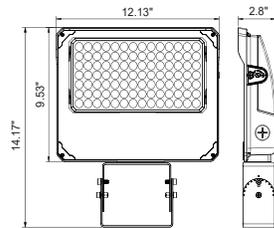
60W, 90W (Trunnion Mount)



120W, 150W (Slipfitter Mount)

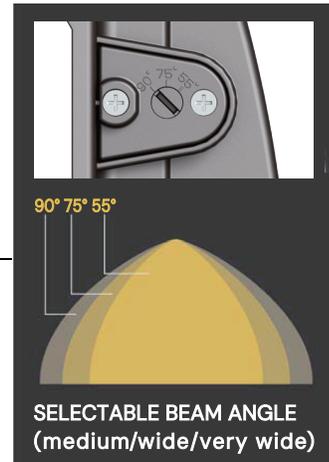


120W, 150W (Yoke Mount)



STRUCTURAL DESIGN

Photocell: Integrated dusk-to-dawn photocell automatically turns the fixture on at night and off at daylight to conserve energy and extend service life. The photocell can be enabled or disabled via an internal DIP switch.



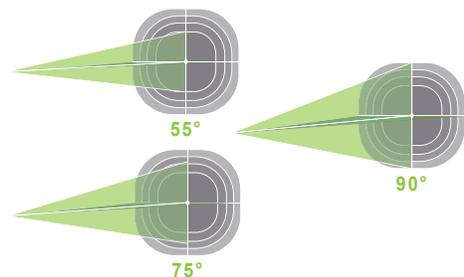
CCT & Wattage Field Selectable

This fixture offers field-selectable lumen output and color temperature, allowing on-site configuration to meet specific project requirements.

Wattage Selectable Options:

30W / 24W / 18W / 12W
 60W / 48W / 36W / 24W
 90W / 72W / 54W / 36W
 120W / 96W / 72W / 48W
 150W / 120W / 90W / 60W

CCT Selectable: 3000K, 4000K, 5000K



PERFORMANCE DATA

30W																			
SETTING	SYSTEM WATTS	3000K(80CRI)						4000K(80CRI)						5000K(80CRI)					
		90°/6H6V		75°/6H6V		55°/5H5V		90°/6H6V		75°/6H6V		55°/5H5V		90°/6H6V		75°/6H6V		55°/5H5V	
		LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)
MFD12 30W	30W	4080	136	3870	129	3720	124	4500	150	4260	142	4140	138	4200	140	4020	134	3870	129
	24W	3400	142	3210	134	3070	128	3720	155	3520	147	3400	142	3480	145	3280	137	3210	134
	18W	2640	147	2460	137	2370	132	2860	159	2710	151	2620	146	2680	149	2550	142	2460	137
	12W	1800	150	1710	143	1640	137	1990	166	1870	156	1820	152	1870	156	1770	148	1710	143

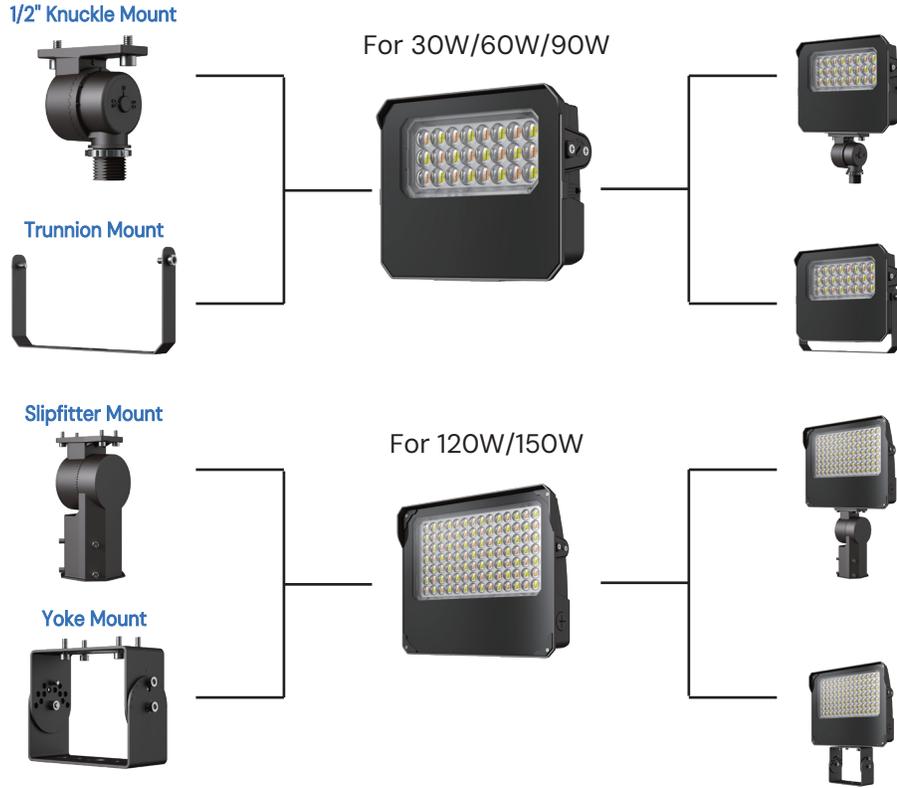
60W																			
SETTING	SYSTEM WATTS	3000K(80CRI)						4000K(80CRI)						5000K(80CRI)					
		90°/6H6V		75°/6H6V		55°/5H5V		90°/6H6V		75°/6H6V		55°/5H5V		90°/6H6V		75°/6H6V		55°/5H5V	
		LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)
MFD12 60W	60W	8250	138	7740	129	7430	124	9130	152	8500	142	8250	138	8560	143	8060	134	7740	129
	48W	6830	142	6420	134	6150	128	7560	158	7040	147	6830	142	7090	148	6680	139	6420	134
	36W	5310	148	4990	139	4790	133	5880	164	5480	152	5310	148	5520	153	5190	144	4990	139
	24W	3690	154	3470	145	3330	139	4090	171	3810	159	3690	154	3830	160	3610	151	3470	145

90W																			
SETTING	SYSTEM WATTS	3000K(80CRI)						4000K(80CRI)						5000K(80CRI)					
		90°/6H6V		75°/6H6V		55°/5H5V		90°/6H6V		75°/6H6V		55°/5H5V		90°/6H6V		75°/6H6V		55°/5H5V	
		LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)
MFD12 90W	90W	12000	133	11620	129	11150	124	13280	148	12750	142	12380	138	12460	138	12090	134	11620	129
	72W	9960	138	9650	134	9260	129	11030	153	10590	147	10280	143	10340	144	10040	140	9650	134
	54W	7690	143	7450	138	7150	132	8520	158	8180	152	7940	147	7990	148	7750	144	7450	138
	36W	5350	149	5180	144	4970	138	5930	165	5690	158	5520	154	5560	155	5400	150	5180	144

120W																			
SETTING	SYSTEM WATTS	3000K(80CRI)						4000K(80CRI)						5000K(80CRI)					
		90°/6H6V		75°/6H6V		55°/5H5V		90°/6H6V		75°/6H6V		55°/5H5V		90°/6H6V		75°/6H6V		55°/5H5V	
		LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)
MFD12 120W	120W	16140	135	15740	131	15100	126	17860	149	17270	144	16770	140	16750	140	16380	137	15750	131
	96W	13540	141	13210	138	12680	132	14990	156	14500	151	14070	147	14060	147	13740	143	13210	138
	72W	10460	145	10200	142	9790	136	11580	161	11200	156	10870	151	10860	151	10620	148	10210	142
	48W	7280	152	7100	148	6820	142	8060	168	7800	162	7570	158	7560	158	7390	154	7110	148

150W																			
SETTING	SYSTEM WATTS	3000K(80CRI)						4000K(80CRI)						5000K(80CRI)					
		90°/6H6V		75°/6H6V		55°/5H5V		90°/6H6V		75°/6H6V		55°/5H5V		90°/6H6V		75°/6H6V		55°/5H5V	
		LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)	LUMENS (lm)	LPW (lm/W)
MFD12 150W	150W	19840	132	19530	130	18700	125	21960	146	21430	143	20450	136	20600	137	20320	135	19200	128
	120W	16640	139	16370	136	15450	129	18410	153	17970	150	17150	143	17270	144	17040	142	16100	134
	90W	12890	143	12680	141	1190	133	14270	159	13920	155	13290	148	13380	149	13200	147	12470	139
	60W	8830	147	8680	145	8200	137	9770	163	9530	159	9100	152	9160	153	9040	151	8540	142

MOUNTING OPTIONS



ELECTRICAL DATA

Number Of Drivers	Driver Current (mA)	Nominal Power (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	450	30	120	0.25
		30	208	0.14
		30	240	0.13
		30	277	0.11
1	1060	60	120	0.50
		60	208	0.29
		60	240	0.25
		60	277	0.22
1	810	90	120	0.75
		90	208	0.43
		90	240	0.38
		90	277	0.32
		90	347	0.26
1	510	90	480	0.19
		120	120	1.00
		120	208	0.58
		120	240	0.50
		120	277	0.43
1	580	120	347	0.35
		120	480	0.25
		150	120	1.25
		150	208	0.72
		150	240	0.63
1	580	150	277	0.54
		150	347	0.43
		150	480	0.31

			
0-10 V	2100 2101 2102	Diva DDTV	IP-710-DL

COLOR TEMPERATURE GUIDE



<p>2700K</p> <p>WARM WHITE</p> <p>friendly personal intimate</p> <p>HOMES LIBRARIES RESTAURANTS</p> <p>X</p>	<p>3000K</p> <p>SOFT WHITE GLOW</p> <p>soft warm pleasing</p> <p>HOMES HOTEL ROOMS LOBBIES RETAIL STORES</p> <p>X</p>	<p>3500K</p> <p>NEUTRAL GLOW</p> <p>sociable inviting non-threatening</p> <p>EXECUTIVE OFFICES RECEPTION AREAS SUPERMARKETS</p> <p>✓</p>	<p>4000K</p> <p>COOL WHITE GLOW</p> <p>neat clean efficient</p> <p>OFFICES CLASSROOMS MASS MERCHANDISERS SHOWROOMS</p> <p>✓</p>	<p>5000K</p> <p>DAYLIGHT GLOW</p> <p>bright cool alert</p> <p>GRAPHICS INDUSTRY HOSPITALS GALLERIES BEAUTY SALONS</p> <p>✓</p>
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