



# Floodlight Elite

IP65



\*Not all product variations listed on this page are DLC qualified. Visit [www.designlights.org/search](http://www.designlights.org/search) to confirm qualification



4L



9L/13L



17L/22L

## Description

The LITELUME™ Floodlight Elite (LL-FLE) is a high performance LED solution designed with versatility and a slim, low profile design. The rugged, die-cast aluminum housing with UV resistant powder coat finish minimizes wind load requirements and features an integral, watertight LED driver compartment along with high performance aluminum heat sinks. Featuring leading edge technology, this luminaire comes standard in field selectable color temperature, power & beam angle.

Applications: Parking lots, Auto dealerships, Billboard, Façade, Wall Washing, Landscape, and general outdoor lighting.

## Fixture Information

Size:	Field Selectable 30W, 60W/90W, 120W/150W
Housing:	Die-cast Aluminum
Finish:	Protective powder coat
Color:	Standard: Bronze
Mounting:	1/2" Knuckle, Yoke, Slipfitter or Trunnion Mount
Lens:	Heat & Impact resistant toughened glass
Optics:	Field Selectable 55°, 75° & 90°
Surge Protector:	Optional: 10 kVA
Power Factor:	.90
CRI:	80
Dimmable:	Standard 0-10v, 10 - 100%
Temperature:	-40°F - 104°F
Voltage:	Standard: 120 - 277V Optional: 277 - 480V
Sensor:	Standard: No sensor Standard: Photocell with cap
Warranty:	10-Year Limited Warranty

## Performance Data

### Lumen Output:

1,800 to 21,960 lm

### Lumens Per Watt (typical):

130 to 175 lm/W

### CCT:

3000K  
4000K  
5000K

### Beam Angle:

55°, 75° & 90°

### Lifespan:

50,000 Hours based on IES LM80 results & TM21 calculations

## Ratings & Certificates

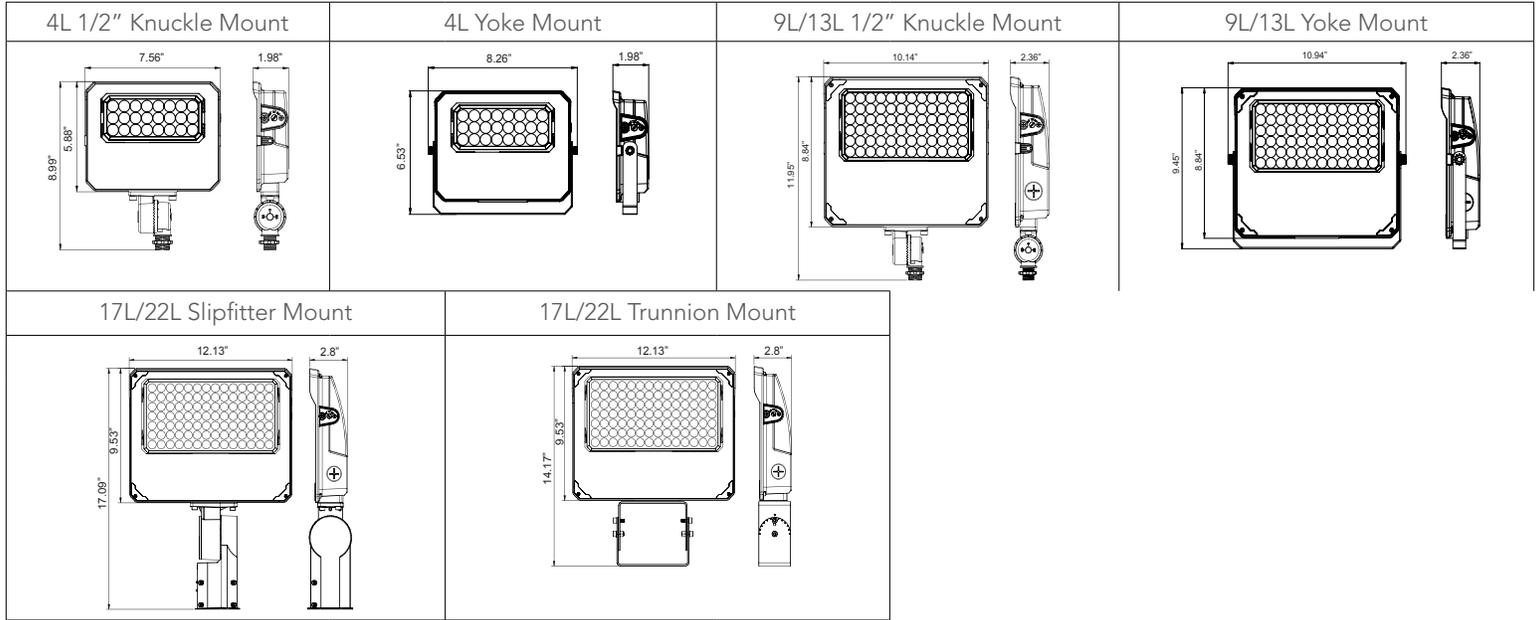
UL Listed For Wet Location  
IP65 rated  
TAA Compliant/BAA Optional  
1.5G Vibration rated



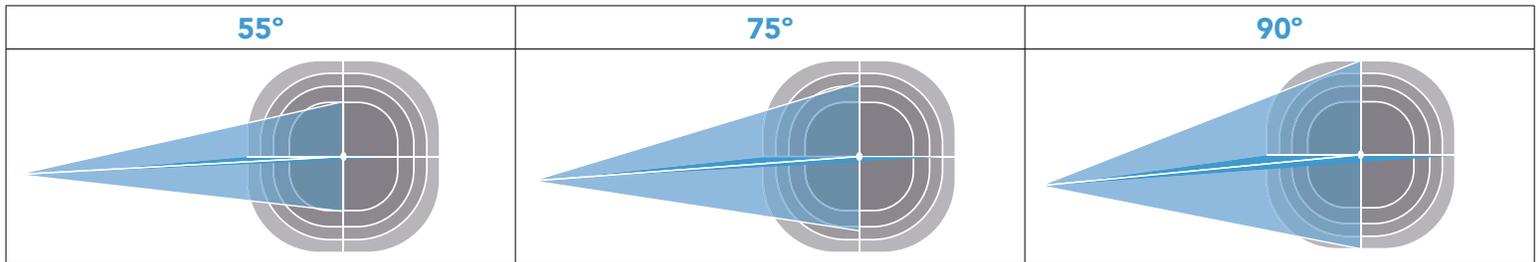


### Dimension

Item	Height	Width	Length
4L 1/2" Knuckle Mount	8.99"	7.56"	1.98"
4L Yoke Mount	6.53"	8.26"	1.98"
9L/13L 1/2" Knuckle Mount	11.95"	10.14"	2.36"
9L/13L Yoke Mount	9.45"	10.94"	2.36"
17L/22L Slipfitter Mount	17.09"	12.13"	2.8"
17L/22L Trunnion Mount	14.17"	12.13"	2.8"



### Photometrics

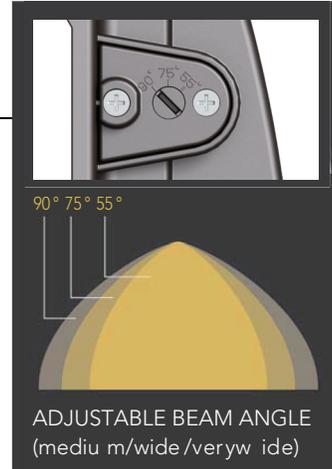
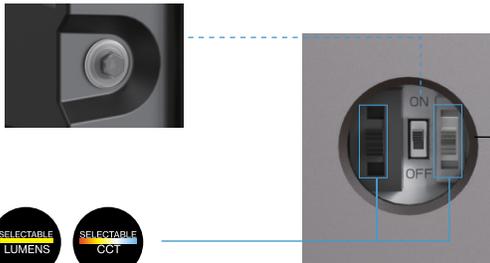




## Structural Design

### Built-in dusk-to-dawn photocell

Ensures that our floodlights only turn on when darkness is detected. That helps the fixture last longer — and saves money over that long life. You can turn the photocell on or off with a simple dip switch.



### CCT AND WATTAGE SELECTABLE

This fixture has the function of adjusting the lumens output and color temperature on-site.

#### Power adjustment range:

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

LL-FLE-4L																			
System Watts	3000K (80CRI)						4000K (80CRI)						5000K (80CRI)						
	90°		75°		55°		90°		75°		55°		90°		75°		55°		
	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)	
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	

LL-FLE-9L																			
System Watts	3000K (80CRI)						4000K (80CRI)						5000K (80CRI)						
	90°		75°		55°		90°		75°		55°		90°		75°		55°		
	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)	
60W	8250	138	7740	129	7430	128	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	



LL-FLE-13L																		
System Watts	3000K (80CRI)						4000K (80CRI)						5000K (80CRI)					
	90°		75°		55°		90°		75°		55°		90°		75°		55°	
	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)
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

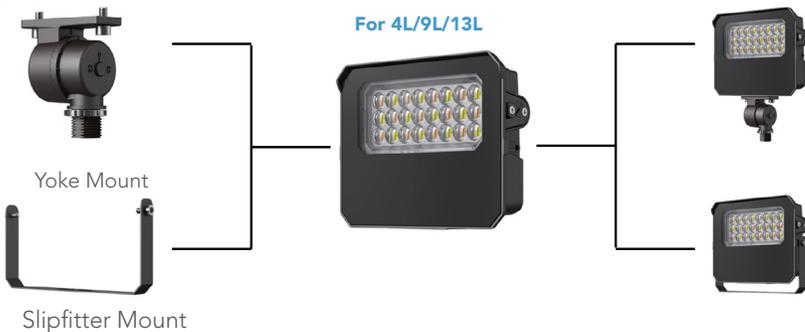
LL-FLE-17L																		
System Watts	3000K (80CRI)						4000K (80CRI)						5000K (80CRI)					
	90°		75°		55°		90°		75°		55°		90°		75°		55°	
	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)
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

LL-FLE-22L																		
System Watts	3000K (80CRI)						4000K (80CRI)						5000K (80CRI)					
	90°		75°		55°		90°		75°		55°		90°		75°		55°	
	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)	Lumens (lms)	LPW (lm/W)
150W	19840	132	19530	130	18420	120	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	11900	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

## Multiple Mounting Options

The Single fixture can be compatible with different installation methods. For example: simply remove the Knuckle joint and install the Yoke bracket, without the need for any additional waterproof measures.

1/2" Knuckle Mount



For 17L/22L

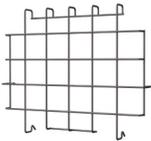




## Electrical Data

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
		90	480	0.19
1	510	120	120	1.00
		120	208	0.58
		120	240	0.50
		120	277	0.43
		120	347	0.35
		120	480	0.25
1	580	150	120	1.25
		150	208	0.72
		150	240	0.63
		150	277	0.54
		150	347	0.43
		150	480	0.31

## Accessories

Wireguard	Knuckle Mount Supporter
	



<b>Project Name</b>	
<b>Catalog #</b>	
<b>Job Type</b>	
<b>Prepared By</b>	
<b>Notes</b>	

## Ordering Guide

Brand	Fixture Type	Lumen Package	Voltage	CCT	Power	Finish	Beam Angle	Mounting	Photocell	Accessories
LL	LITELUME FLE Floodlight Elite	4L 4000 Lumens	UNV 120-277V	SCT*** Selectable Color Temperature	SP Selectable Power	BZ Bronze	Blank Selectable Beam Angle	KM* Knuckle Mount	PC Photocell with on/off dip switch	SP10277 Surge Protector 10kVA 277v
		9L 9000 Lumens	HV**** 277-480V			BK Black		YK* Yoke Mount		SP20480 Surge Protector 20kVA 480v
		13L 13000 Lumens				WH White		SF** Slipfitter		WGSFLE Wireguard 4L
		17L 17000 Lumens				GY Gray		TR** Trunnion Mount		WGMFLE Wireguard 9L/13L
		22L 22000 Lumens				CUS Custom				WGLFLE Wireguard 17/22L
										KMSFLE Knuckle Mount Supporter FLE
										BAAFLE FLE Buy American Act Compliant

\* 4L/9L/13L only available in Knuckle Mount and Yoke Mount

\*\* 17L/22L only available in Slipfitter and Trunnion Mount

\*\*\* SCT Selectable Color Temperature 3000k/4000k/5000k

\*\*\*\* HV 277-480V only available in 13L/17L/22L

## Fixture Ordering Information

Part #	Wattage	Lumens	Kelvin	Voltage	Distribution
LL-FLE-4L-UNV-SCT-SP-BZ-KM-PC	12W/18W/24W/30W	1990/2860/3720/4500	3000K 4000K 5000K	120-277	55° / 75° / 90°
LL-FLE-4L-UNV-SCT-SP-BZ-YK-PC	12W/18W/24W/30W	1990/2860/3720/4500	3000K 4000K 5000K	120-277	55° / 75° / 90°
LL-FLE-9L-UNV-SCT-SP-BZ-KM-PC	12W/18W/24W/30W	4090/5880/7560/9130	3000K 4000K 5000K	120-277	55° / 75° / 90°
LL-FLE-9L-UNV-SCT-SP-BZ-YK-PC	12W/18W/24W/30W	4090/5880/7560/9130	3000K 4000K 5000K	120-277	55° / 75° / 90°
LL-FLE-13L-UNV-SCT-SP-BZ-KM-PC	36W/54W/72W/90W	5930/8520/11030/13280	3000K 4000K 5000K	120-277	55° / 75° / 90°
LL-FLE-13L-UNV-SCT-SP-BZ-YK-PC	36W/54W/72W/90W	5930/8520/11030/13280	3000K 4000K 5000K	120-277	55° / 75° / 90°
LL-FLE-17L-UNV-SCT-SP-BZ-TR-PC	48W/72W/96W/120W	8060/11580/14990/17860	3000K 4000K 5000K	120-277	55° / 75° / 90°
LL-FLE-17L-UNV-SCT-SP-BZ-SF-PC	48W/72W/96W/120W	8060/11580/14990/17860	3000K 4000K 5000K	120-277	55° / 75° / 90°
LL-FLE-22L-UNV-SCT-SP-BZ-TR-PC	60W/90W/120W/150W	9770/14270/18410/21960	3000K 4000K 5000K	120-277	55° / 75° / 90°
LL-FLE-22L-UNV-SCT-SP-BZ-SF-PC	60W/90W/120W/150W	9770/14270/18410/21960	3000K 4000K 5000K	120-277	55° / 75° / 90°

## Accessories Ordering Information

Part #	Description
SUB "UNV" WITH "HV"	277-480 Volt <b>**13L/17/22L Models Only**</b>
SP10277	Surge Protector 10kVA 277V
SP20480	Surge Protector 20kVA 480V
WGSFLE	Wireguard 4L
WGMFLE	Wireguard 9L/13L
WGLFLE	Wireguard 17L/22L
KMSFLE	Knuckle Mount Supporter FLE

## Buy American Act Compliant Ordering Information

Part #	Description
BAA-FLE	Buy American Act Compliant For Floodlight Elite

\* Please contact LITELUME for all Custom Option Requests