



FL Flood Light

FEATURES

- PowerSet feature allows for multiple "set and forget" lumen stops in each fixture
- FieldCCeT feature allows for multiple "set and forget" CCT options in each fixture

CERTIFICATIONS

- UL Listed for wet locations
- IP65 Rated
- DesignLights Consortium® Premium Qualified - meets the requirements for the highest DLC qualification for efficacy and lumen maintenance

PERFORMANCE

- Rated lifetime:
 - L70: >50,000 hours
- 3,150 lm @ 30W
- 5,250 lm @ 50W
- 13,000 lm @ 100W
- 19,500 lm @ 150W
- PowerSet: 19,500/13,000/10,400 lm @ 150/100/80W
- 5000K CCT
- FieldCCeT: 50/40/3000K
- CRI: >70

ELECTRICAL

- Input voltage: 120-277V
- 0-10V dimming
- Driver efficiency: >85%
- Power Factor: >0.9
- THD: <20%
- Surge Protection:
 - FL1/FL2: 2KV
 - FL3/FL4: 4KV

THERMAL

- -40°F to 104°F (-40°C to 40°C) operating temperature

CONSTRUCTION

- Aluminum construction with durable powder coating
- Impact-resistant glass lens
- Standard G ½ for Knuckle Accessory

WARRANTY

- 5 year limited warranty. Additional warranty options available. Contact EiKO for details

project name	type
catalog number	voltage
approved by	date



FLOOD LIGHT



TRUNNION
FOR FL3 AND FL4



KNUCKLE
FOR FL1 AND FL2



SLIPFITTER
FOR FL3 AND FL4

APPLICATIONS

- Admin/Class/Conference/Meeting Rooms/Libraries
- Shipping/Receiving
- Exterior Perimeter
- Parking Lot
- Pathway
- Athletic Fields
- Retail/Storefront

CONFIGURATOR

MODEL	LUMEN PACKAGE	CRI/CCT	VOLTAGE	DIMMING	MOUNT	CONTROLS
FL1: Flood Light	30W - 30W; 3,150 lm	750 - 70 CRI; 5000K 7FCCT - 70 CRI; 50/40/3000K	U - 120-277V	D - 0-10V Dimming	Y - Yoke Mount	PC - Photocell
FL2: Flood Light	50W - 50W; 5,250 lm					
FL3: Flood Light	100W - 100W; 13,000 lm					
FL4: Flood Light	150W - 150W; 19,500 lm					
	PS150 - 150/100/80W; 19,500/13,000/10,400 lm					



PERFORMANCE SUMMARY

ORDER CODE	ITEM #	WATTS	LUMENS	CCT	VOLTS	DIMMING	DLC PREMIUM
12338	FL3/100W/750/UD/Y/PC	100W	13,000	5000K	120-277V	0-10V	✓
12339	FL4/150W/750/UD/Y/PC	150W	19,500	5000K	120-277V	0-10V	✓

PowerSet and FieldCCT

12337	FL4/PS150/7FCCT/UD/Y/PC	150/100/80W	19,500/13,000/10,400	50/40/3000K	120-277V	0-10V	✓
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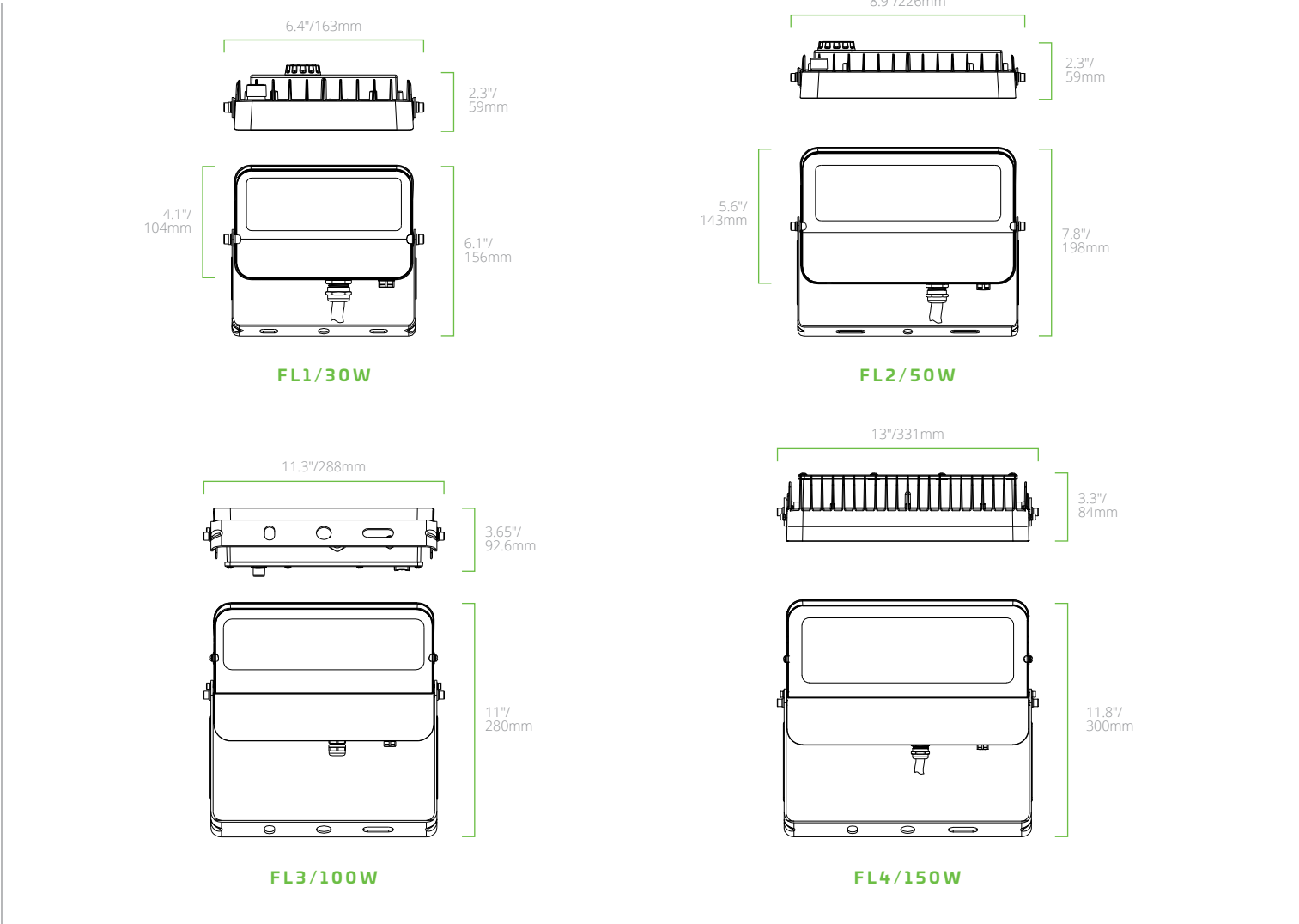
FieldCCT

12334	FL1/30W/7FCCT/UD/Y/PC	30W	3,150	50/40/3000K	120-277V	0-10V	✓
12335	FL2/50W/7FCCT/UD/Y/PC	50W	5,250	50/40/3000K	120-277V	0-10V	✓
12336	FL3/100W/7FCCT/UD/Y/PC	100W	13,000	50/40/3000K	120-277V	0-10V	✓

ACCESSORIES

ORDER CODE	ITEM #	DESCRIPTION
12340	FL3/4-TACC	Flood Light, Trunnion for FL3 and FL4
12341	FL1/2-KACC	Flood Light, Knuckle for FL1 and FL2
12342	FL3/4-SACC	Flood Light, Slipfitter for FL3 and FL4

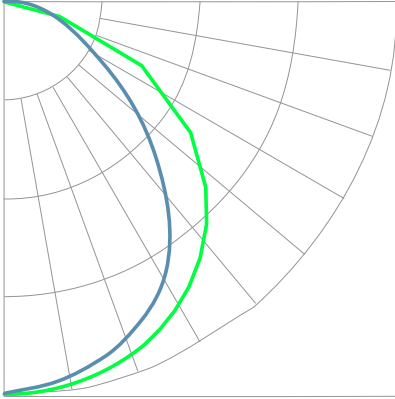
PRODUCT DIMENSIONS



PHOTOMETRICS

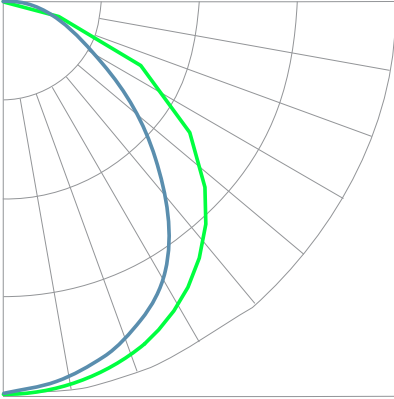
FL1/30W (Typical performance @4000K)

ZONAL LUMEN SUMMARY		
Zone	Lumens	%Fixture
0-20	658.94	14.3%
0-30	1404.29	30.5%
0-40	2297.86	49.9%
0-60	3900.51	84.6%
0-80	4552.24	98.8%
0-90	4608.8	100.00



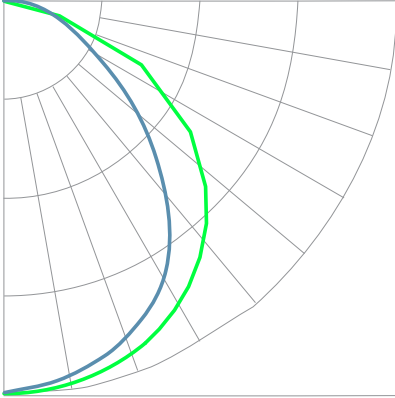
FL2/50W (Typical performance @4000K)

ZONAL LUMEN SUMMARY		
Zone	Lumens	%Fixture
0-20	1034.41	13.8%
0-30	2204.09	29.4%
0-40	3608.01	48.2%
0-60	6171.62	82.4%
0-80	7372.1	98.4%
0-90	7489.64	100%



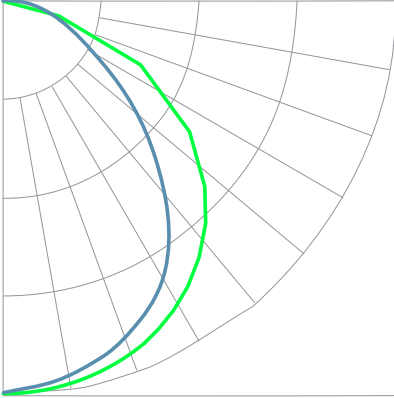
FL3/100W (Typical performance @4000K)

ZONAL LUMEN SUMMARY		
Zone	Lumens	%Fixture
0-20	2127.42	13.7%
0-30	4546.00	29.2%
0-40	7464.94	48%
0-60	12819.48	82.4%
0-80	15323.17	98.4%
0-90	15566.03	100%



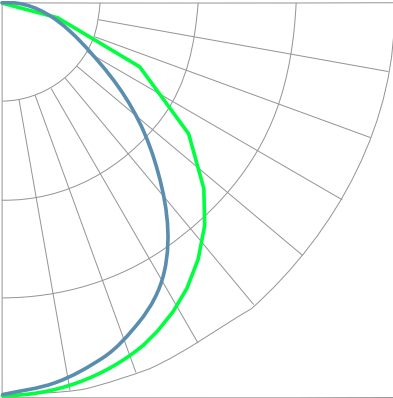
FL4/150W (Typical performance @4000K)

ZONAL LUMEN SUMMARY		
Zone	Lumens	%Fixture
0-20	3001.46	13.8%
0-30	6409.6	29.5%
0-40	10509.71	48.4%
0-60	17976.58	82.8%
0-80	21375.29	98.5%
0-90	21698.91	100%



FL4/PS150 (Typical performance @ 150W, 4000K)

ZONAL LUMEN SUMMARY		
Zone	Lumens	%Fixture
0-20	3137.91	13.7%
0-30	6701.68	29.3%
0-40	10997.04	48.1%
0-60	18863.72	82.6%
0-80	22497.58	98.5%
0-90	22849.59	100%



■ Horizontal
■ Vertical