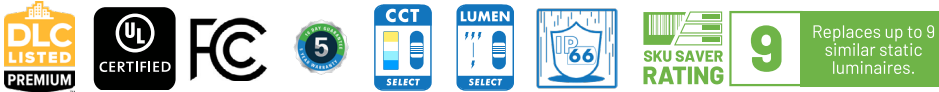


# FR Select

## LED Round Floodlights Selectable

DESIGN XP

Due to continuous product improvements, specification and/or equipment updates may change without notice.



Pending



CCT & Lumen Selectable

(Pictured with Tenon Adaptor)

### FR G2 FSK Selectable Round Floodlight

(Images are shown for illustration purposes only)

The FR LED Selectable Round Floodlight is your all-in-one solution for design level floodlights. Selectable CCT and selectable lumen outputs in a tough built problem solving housing featuring a classic look. 3 optic distributions available that offer a unique swap feature for any future updates and re-uses.

Catalog Number	Description	Lumens	Watts	CCT	Voltage
FR LS42 SFL G2 FSK	LED Round Flood Light - Spot 15° Beam Distribution - Dark Bronze Finish	Selectable 1,400 - 4,200 Lm	Selectable 10.5 - 30 W	Selectable 3000K - 5000K	120V - 277V
FR LS42 NFL G2 FSK	LED Round Flood Light - Narrow 25° Beam Distribution - Dark Bronze Finish	Selectable 1,400 - 4,200 Lm	Selectable 10.5 - 30 W	Selectable 3000K - 5000K	120V - 277V
FR LS42 MFL G2 FSK	LED Round Flood Light - Medium Narrow 40° Beam Distribution - Dark Bronze Finish	Selectable 1,400 - 4,200 Lm	Selectable 10.5 - 30 W	Selectable 3000K - 5000K	120V - 277V

Black and White Finish also available.

## ORDERING GUIDE

Fixture Type	Selectable Lumen Output	Optics	Gen	Voltage	Selectable CCT	Finish	Options - Visor (Ships seperately)	Options - Mounting (Ships seperately)
• FR LED Round Floodlight	• <b>LS42</b> 4,200 Lm / 30 W 2,800 Lm / 20 W 1,400 Lm / 10.5 W	<b>SFL</b> - Spot 15° <b>NFL</b> - Narrow 25° <b>MFL</b> - Medium Narrow 40°	• <b>G2</b> Second Generation	• <b>BLANK</b> 120-277 V	• <b>FSK</b> 3000K 4000K 5000K	• <b>BLANK</b> Dark Bronze • <b>B</b> Black • <b>W</b> White	• <b>FR VISOR L</b> Long Visor - Dark Bronze • <b>FR VISOR B</b> Long Visor - Black • <b>FR VISOR W</b> Long Visor - White	• <b>1SOR-SP-D</b> Round Tenon Adaptor - Dark Bronze • <b>1SOR-SP-B</b> Round Tenon Adaptor - Black • <b>1SOR-SP-W</b> Round Tenon Adaptor - White • <b>GRD-STAKE</b> Plastic Ground Stake



## PERFORMANCE INFORMATION

Series Number	Wattage	3000K	4000K	5000K
		Lumens	Lumens	Lumens
<b>FR LS42 FSK</b>	30 W	4,150 Lm	4,200 Lm	4,220 Lm
	20 W	2,770 Lm	2,800 Lm	2,810 Lm
	10.5 W	1,380 Lm	1,392 Lm	1,400 Lm

## SPECIFICATIONS

### Housing

Die-cast aluminum bullet housing with powder coat finish.

### Ambient Temperature

Suitable for use in -40°C to 40°C (-40°F to 104°F).

### Mounting

1/2" Knuckle Mount - adjustable angle. Optional round tenon adaptor and plastic ground stake available.

### Efficacy

Up to 140 Lumens per Watt.

### CCT and CRI

80 CRI

### Warranty

5-year limited warranty. Comprehensive warranty terms can be located on [www.slgus.com](http://www.slgus.com).

### Electrical

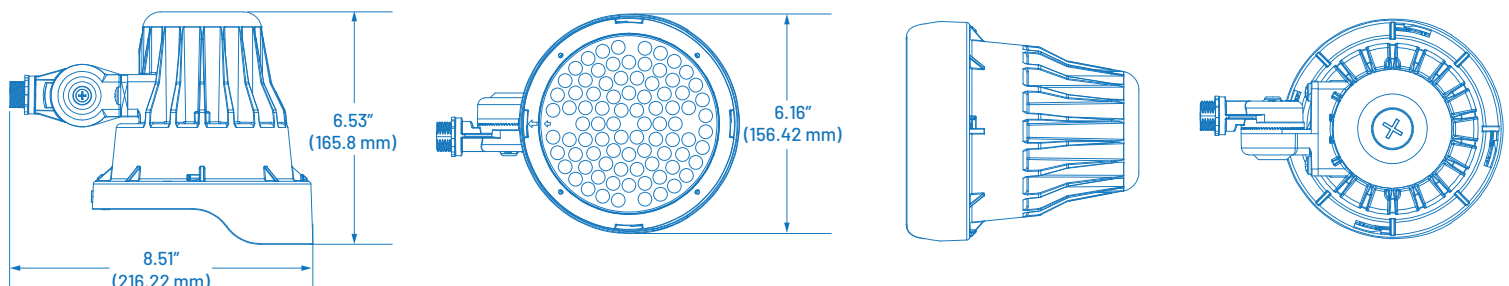
1-10V dimming.

### Certifications

UL Listed for wet locations. Equivalent to IP66 rating. FCC compliant. Design Lights Consortium® (DLC) 5.1 Premium qualification is pending.

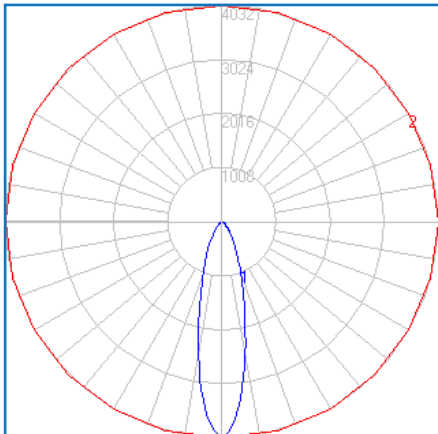
## DIMENSIONS

### FR G2



## PHOTOMETRICS

**FR Select G2**  
Lumen setting  
(**Low** - 1,400 LM)  
CCT setting 5000K  
Wattage (**10W**)

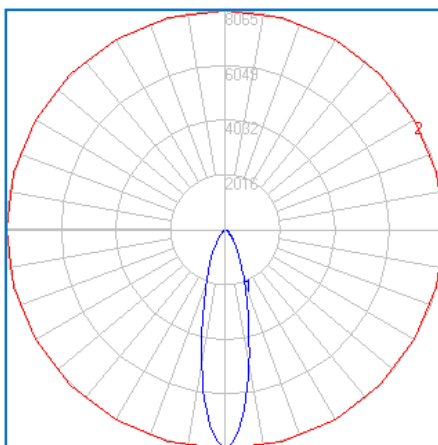


Maximum Candela = 4032.347 Located At Horizontal Angle = 0, Vertical Angle = 0  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180)(Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (0)(Through Max. Cd.)

ZONE	LUMENS	%FIXT
0-20	758.99	54.20
0-30	1071.01	76.50
0-40	1251.38	89.40
0-60	1378.35	98.50
0-80	1398.87	100.00
0-90	1399.21	100.00
10-90	1094.8	78.20
20-40	492.40	35.20
20-50	580.45	41.50
40-70	143.68	10.30

ZONE	LUMENS	%FIXT
60-80	20.52	1.50
70-80	3.81	0.30
80-90	0.34	0.00
90-110	0.00	0.00
90-120	0.00	0.00
90-130	0.00	0.00
90-150	0.00	0.00
90-180	0.00	0.00
110-180	0.00	0.00
0-180	1399.21	100.00

**FR Select G2**  
Lumen setting  
(**Medium** - 2,810 LM)  
CCT setting 5000K  
Wattage (**20W**)

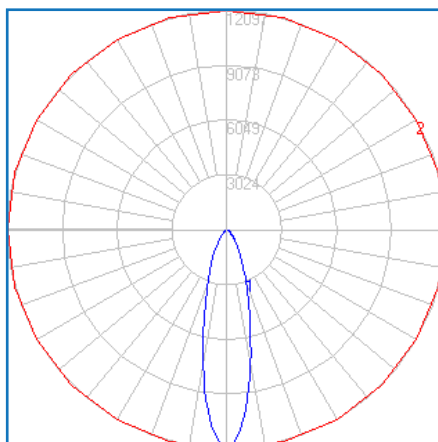


Maximum Candela = 8064.693 Located At Horizontal Angle = 0, Vertical Angle = 0  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180)(Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (0)(Through Max. Cd.)

ZONE	LUMENS	%FIXT
0-20	1517.97	54.20
0-30	2142.02	76.50
0-40	2502.77	89.40
0-60	2756.71	98.50
0-80	2797.74	100.00
0-90	2798.42	100.00
10-90	2189.6	78.20
20-40	984.79	35.20
20-50	1160.91	41.50
40-70	287.35	10.30

ZONE	LUMENS	%FIXT
60-80	41.03	1.50
70-80	7.62	0.30
80-90	0.68	0.00
90-110	0.00	0.00
90-120	0.00	0.00
90-130	0.00	0.00
90-150	0.00	0.00
90-180	0.00	0.00
110-180	0.00	0.00
0-180	2798.42	100.00

**FR Select G2**  
Lumen setting  
(**Max** - 4,220 LM)  
CCT setting 5000K  
Wattage (**30W**)



Maximum Candela = 12097.04 Located At Horizontal Angle = 0, Vertical Angle = 0  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180)(Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (0)(Through Max. Cd.)

ZONE	LUMENS	%FIXT
0-20	2276.96	54.20
0-30	3213.03	76.50
0-40	3754.15	89.40
0-60	4135.06	98.50
0-80	4196.61	100.00
0-90	4197.62	100.00
10-90	3284.39	78.20
20-40	1477.19	35.20
20-50	1741.36	41.50
40-70	431.03	10.30

ZONE	LUMENS	%FIXT
60-80	61.55	1.50
70-80	11.43	0.30
80-90	1.01	0.00
90-110	0.00	0.00
90-120	0.00	0.00
90-130	0.00	0.00
90-150	0.00	0.00
90-180	0.00	0.00
110-180	0.00	0.00
0-180	4197.62	100.00

## WATTAGE COMPARISON

Traditional Source	Traditional System Wattage	LED System Wattage	Energy Savings
50W Halogen	50	10	80%
75W Halogen	75	20	72%
90W Halogen	90	20	78%
35W HPS	42	20	52%
35W HPS	42	30	29%
50W HPS	62	30	52%
90W Halogen	90	30	67%
150W Halogen	150	30	80%
70W HPS	91	30	67%
100W HPS	120	30	67%
100W MH	130	30	69%

## ELECTRICAL LOAD

	Power Setting	Wattage	Current (A)			
			120V	208V	240V	277V
FR LS42 G2 FSK	High	30 W	0.25	0.14	0.13	0.11
	Med	20 W	0.17	0.10	0.08	0.07
	Low	10.5 W	0.09	0.05	0.04	0.04

## ACCESSORIES

Catalog Number	Description
FR-VISOR	Long Visor for FR Round Flood Light Series, Gen 2, Dark Bronze
FR-VISOR-B	Long Visor for FR Round Flood Light Series, Gen 2, Black
FR-VISOR-W	Long Visor for FR Round Flood Light Series, Gen 2, White
1SQR-SP-D	Round Tenon Adaptor, 2-3/8" O.D. to 1/2" NPT, Dark Bronze
1SQR-SP-B	Round Tenon Adaptor, 2-3/8" O.D. to 1/2" NPT, Black
1SQR-SP-W	Round Tenon Adaptor, 2-3/8" O.D. to 1/2" NPT, White
GRD-STAKE	Plastic Ground Stake 1/2" NPT Female Thread



Visor



Ground Stake



3.223"  
(81.9 mm)



3.819"  
(97 mm)

## SHIPPING INFORMATION

Product Number	Individual Box Size	Weight	# Per Master Carton	Master Carton Size	Weight
FR LS42 SFL G2 FSK	6.7" x 6.7" x 7"	3.54 lbs	4	13.7" x 6.9" x 14.3"	15.12 lbs
FR LS42 NFL G2 FSK	6.7" x 6.7" x 7"	3.54 lbs	4	13.7" x 6.9" x 14.3"	15.12 lbs
FR LS42 MFL G2 FSK	6.7" x 6.7" x 7"	3.54 lbs	4	13.7" x 6.9" x 14.3"	15.12 lbs

