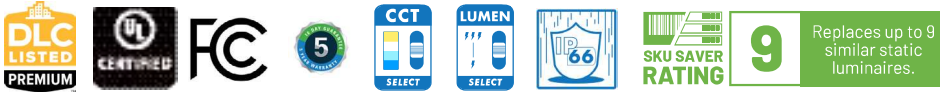


FR Select

LED Round Floodlights Selectable **DESIGN XP**

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



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	• LS42 4,200 Lm / 30 W 2,800 Lm / 20 W 1,400 Lm / 10.5 W	SFL - Spot 15° NFL - Narrow 25° MFL - Medium Narrow 40°	• G2 Second Generation	• BLANK 120-277 V	• FSK 3000K 4000K 5000K	• BLANK Dark Bronze • B Black • W White	• FR VISOR Long Visor - Dark Bronze • FR VISOR B Long Visor - Black • FR VISOR W Long Visor - White	• 1SOR-SP-D Round Tenon Adaptor - Dark Bronze • 1SOR-SP-B Round Tenon Adaptor - Black • 1SOR-SP-W Round Tenon Adaptor - White • GRD-STAKE Plastic Ground Stake



PERFORMANCE INFORMATION

Series Number	Wattage	3000K	4000K	5000K
		Lumens	Lumens	Lumens
FR LS42 FSK	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.

Electrical

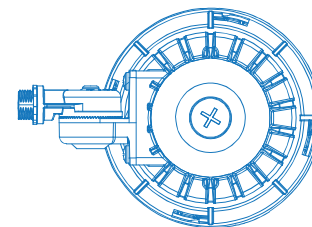
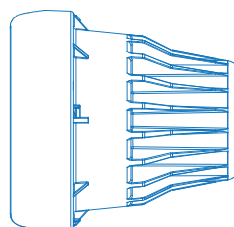
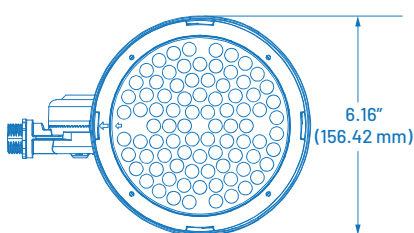
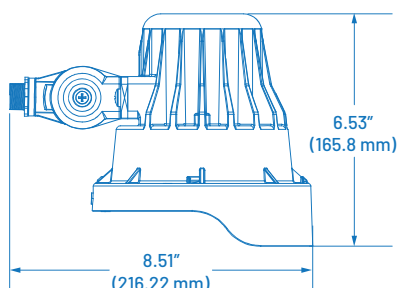
1-10V dimming.

Certifications

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

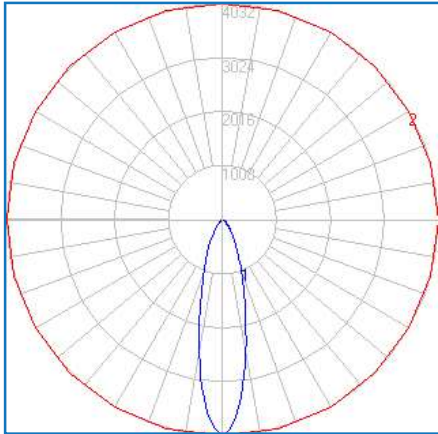
DIMENSIONS

FR G2



PHOTOMETRICS

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

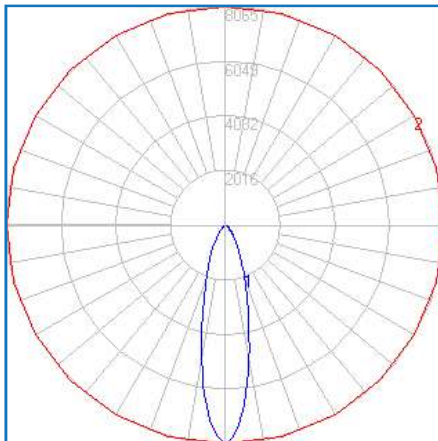


Maximum Candela = 4032.347 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (0 - 180)(Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (0)(Through Max. Cd.)

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)

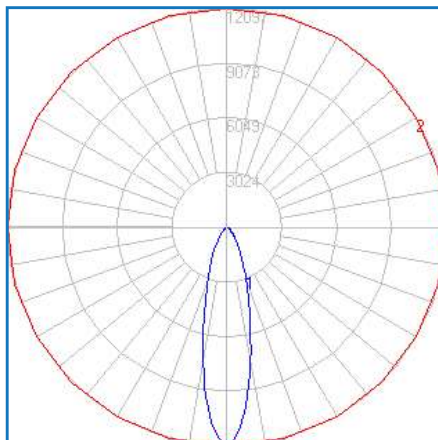


Maximum Candela = 8064.693 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (0 - 180)(Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (0)(Through Max. Cd.)

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

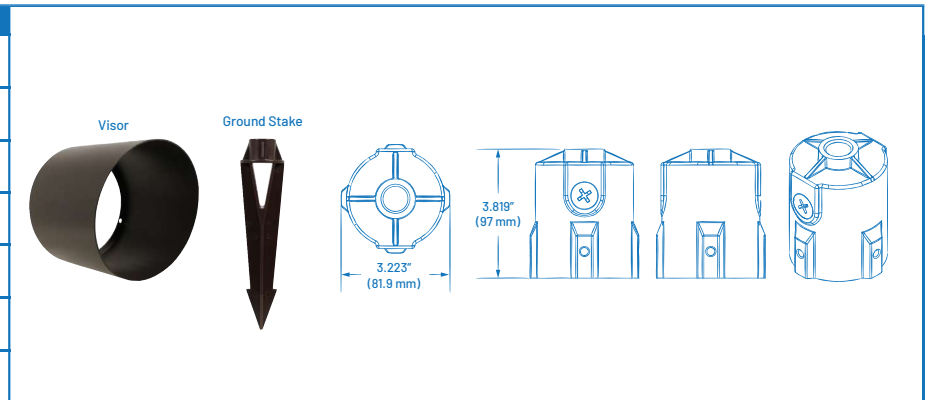
Traditional Source	Traditional System Wattage	LED System Wattage	Energy Savings
50W Halogen	50	10	80%
75W Halogen	75	20	72%
90W Halogen	90	20	78%
35W HPS	42	20	52%
35W HPS	42	30	29%
50W HPS	62	30	52%
90W Halogen	90	30	67%
150W Halogen	150	30	80%
70W HPS	91	30	67%
100W HPS	120	30	67%
100W MH	130	30	69%

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



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

