

Classified  
Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269



Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P627212 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-730-U-WR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627212 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA3D-730-U-WR-VSR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR  
Light Source: (48) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	17570.4 lumens	Max Intensity:	19916.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	109.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		

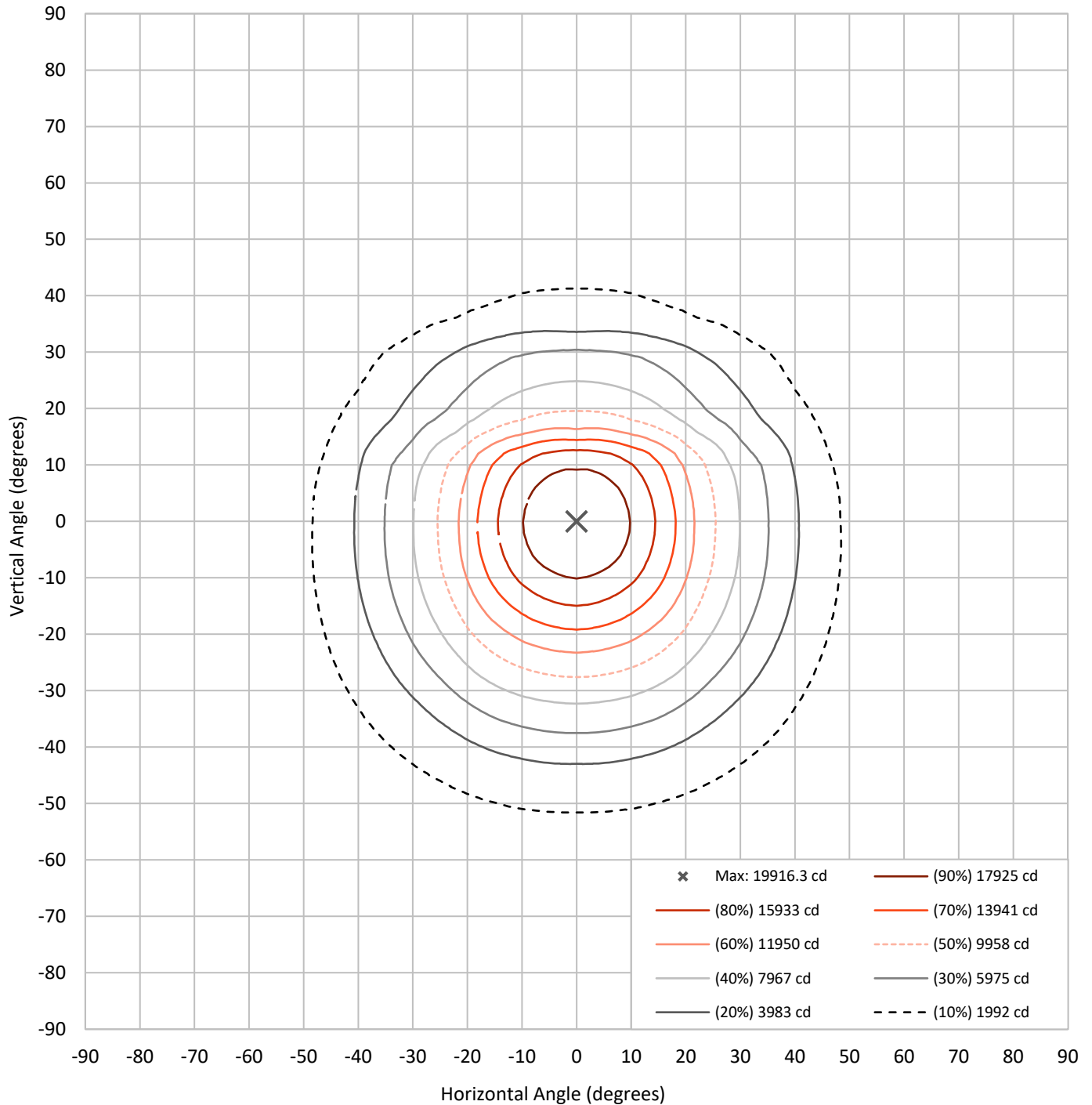
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	8459.4 lumens	Field Lumens:	15731.5 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%

Input Watts (W): 160.2  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



REPORT NUMBER: P627212 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3D-730-U-WR-VSR-XX

### Iso-Candela Plot





REPORT NUMBER: P627212 (CONVERTED FROM TYPE C PHOTOMETRY)

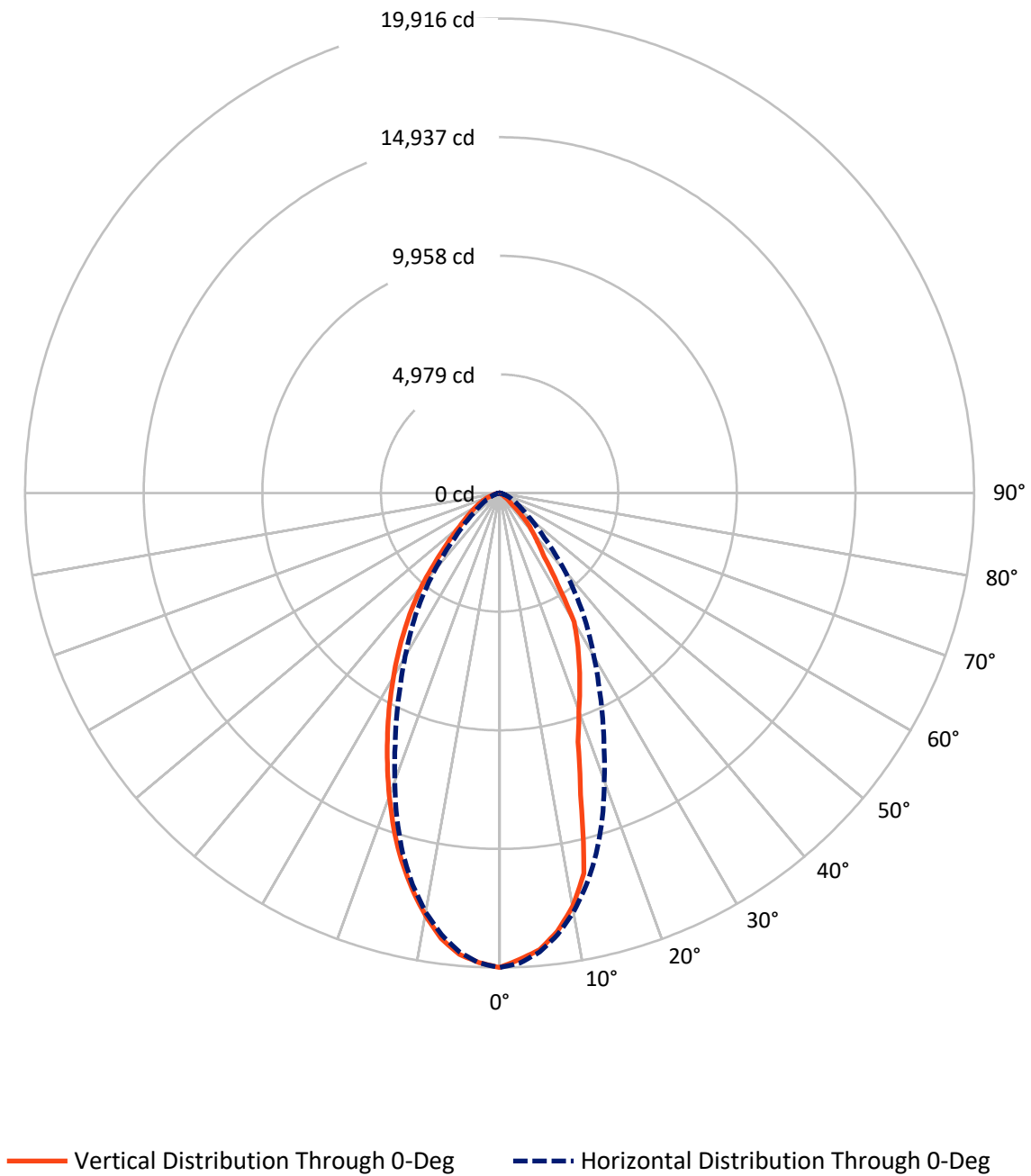
CATALOG NUMBER: GFLD-SA3D-730-U-WR-VSR-XX

### Lumen Table

90																			
80	0.0	0.1		0.1		0.0		0.0		0.0		0.1		0.1		0.0			
70																			
60	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1			
50		0.4	0.9	1.7	2.8	4.0	5.5	6.2	6.2	5.5	4.0	2.8	1.7	0.9	0.4				
40	0.8	1.3	3.4	7.1	13.1	21.5	31.0	38.0	38.0	31.0	21.5	13.1	7.1	3.4	1.3	0.8			
30		2.7	6.9	15.9	32.8	60.3	92.2	110.8	110.8	92.2	60.3	32.8	15.9	6.9	2.7				
20	1.9	4.2	11.1	28.9	68.3	128.2	195.0	235.0	235.0	195.0	128.2	68.3	28.9	11.1	4.2	1.9			
10		5.7	15.9	45.2	112.3	207.6	324.5	401.1	401.1	324.5	207.6	112.3	45.2	15.9	5.7				
0	2.7	6.6	19.9	58.5	147.4	274.8	441.2	559.4	559.4	441.2	274.8	147.4	58.5	19.9	6.6	2.7			
-10		6.9	20.7	60.4	149.6	278.8	445.7	562.9	562.9	445.7	278.8	149.6	60.4	20.7	6.9				
-20	2.9	6.8	19.7	53.8	132.5	244.8	377.3	465.6	465.6	377.3	244.8	132.5	53.8	19.7	6.8	2.9			
-30		6.3	17.0	42.1	98.9	184.5	275.0	329.8	329.8	275.0	184.5	98.9	42.1	17.0	6.3				
-40	2.5	5.5	13.8	30.4	62.2	114.5	172.7	205.6	205.6	172.7	114.5	62.2	30.4	13.8	5.5	2.5			
-50		4.6	10.6	21.0	37.4	59.9	86.0	102.3	102.3	86.0	59.9	37.4	21.0	10.6	4.6				
-60	1.6	3.6	7.8	14.0	22.8	32.9	42.5	48.1	48.1	42.5	32.9	22.8	14.0	7.8	3.6	1.6			
-70		2.5	5.2	8.6	13.3	18.1	22.1	24.1	24.1	22.1	18.1	13.3	8.6	5.2	2.5				
-80	0.4	5.0		12.9		23.1		21.0		23.1		12.9		5.0		0.4			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

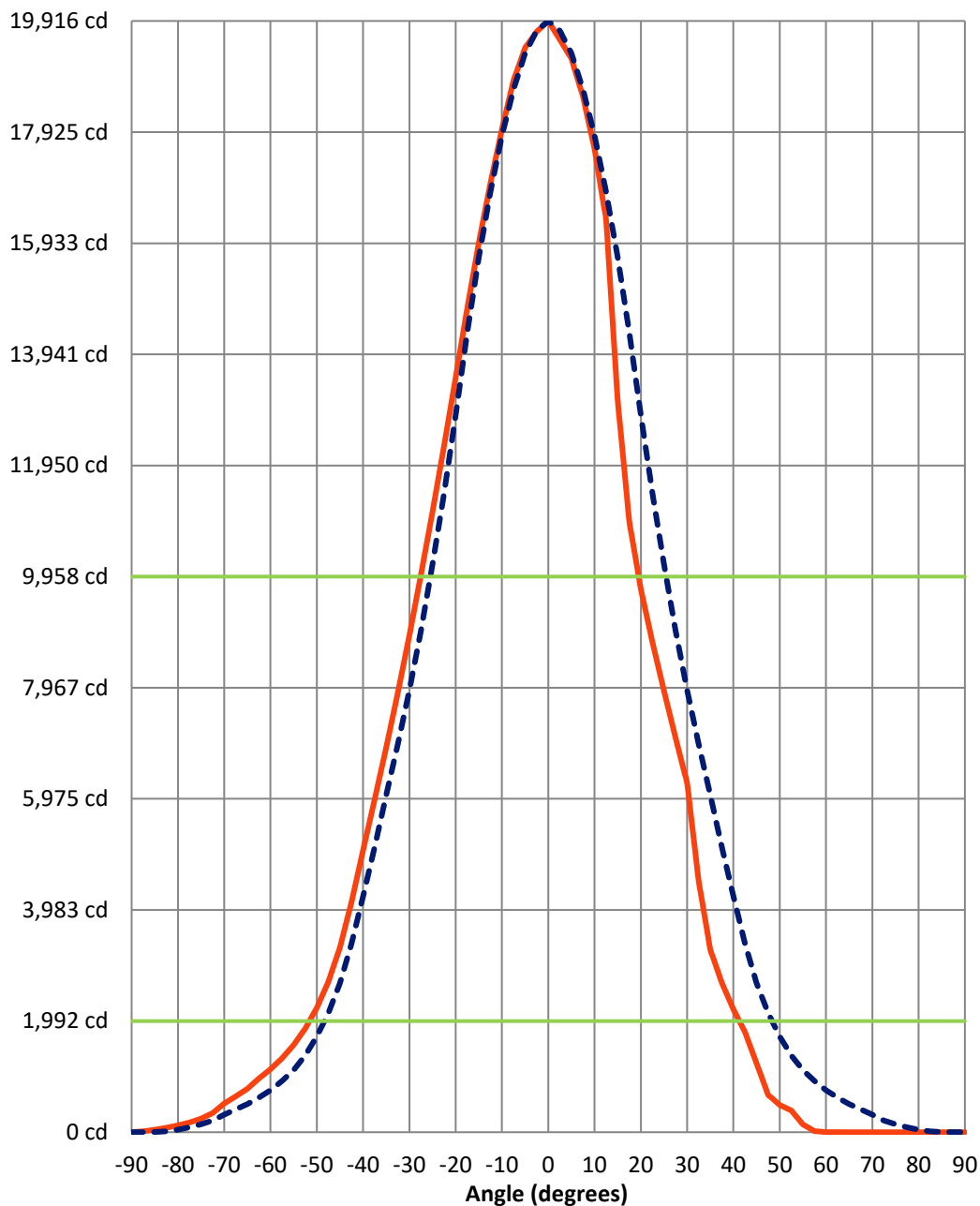
REPORT NUMBER: P627212 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3D-730-U-WR-VSR-XX

### Luminous Intensity Polar Plot



REPORT NUMBER: P627212 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-730-U-WR-VSR-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 50.9°  
 V Angle: 47.1°  
 Lumens: 8459.4  
 Efficiency: 48.1%

**Field:**  
 H Angle: 96.7°  
 V Angle: 92.9°  
 Lumens: 15731.5  
 Efficiency: 89.5%

**Spill:**  
 Lumens: 1838.9  
 Efficiency: 10.5%

— Vertical Distribution through 0-Deg  
 - - - Horizontal Distribution through 0-Deg



REPORT NUMBER: P627212 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-U-WR-VSR-XX

FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6
85°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.2
82.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.4	1.4
80°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.4	1.4	1.4	1.4
77.5°	0.0	0.3	0.6	0.9	1.2	1.4	1.4	1.4	1.4	1.4	1.4
75°	0.0	0.4	0.7	1.1	1.4	1.4	1.4	1.4	1.4	1.4	1.4
72.5°	0.0	0.4	0.8	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4
70°	0.0	0.5	1.0	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5
67.5°	0.0	0.5	1.1	1.4	1.4	1.4	1.5	1.4	1.4	1.8	1.8
65°	0.0	0.6	1.2	1.4	1.4	1.6	1.7	1.4	2.0	2.3	2.7
62.5°	0.0	0.6	1.3	1.4	1.4	1.9	1.9	1.9	2.7	3.8	5.9
60°	0.0	0.7	1.4	1.4	1.4	2.3	2.2	2.7	3.4	9.4	10.2
57.5°	0.0	0.8	1.4	1.4	1.8	2.7	3.8	3.7	9.3	15.8	17.4
55°	0.0	0.8	1.4	1.4	2.2	3.1	5.9	5.4	17.0	23.9	27.0
52.5°	0.0	0.9	1.5	1.4	2.7	3.9	8.2	13.4	25.4	35.5	38.3
50°	0.0	0.9	1.5	1.4	3.2	6.4	10.9	22.1	35.4	48.3	58.5
47.5°	0.0	0.9	1.5	1.5	3.7	9.0	14.5	31.0	48.7	62.5	79.3
45°	0.0	1.0	1.6	1.9	4.2	11.9	22.2	39.8	62.0	80.9	99.9
42.5°	0.0	1.0	1.6	2.3	4.7	14.8	29.9	50.3	75.3	99.2	122.8
40°	0.0	1.1	1.7	2.8	6.2	17.9	37.5	61.8	89.1	117.0	146.7
37.5°	0.0	1.1	1.7	3.4	8.7	21.2	45.1	73.2	104.0	135.3	171.1
35°	0.0	1.1	1.8	4.1	11.1	26.3	52.6	84.4	119.0	157.1	197.6
32.5°	0.0	1.2	1.8	4.8	13.6	32.3	60.5	95.4	134.0	179.6	227.4
30°	0.0	1.2	1.9	5.6	16.1	38.0	69.4	106.5	149.0	202.5	257.5
27.5°	0.0	1.2	2.0	6.4	19.0	43.7	78.0	118.8	165.5	225.8	287.7
25°	0.0	1.3	2.1	7.2	21.9	49.1	86.3	130.8	184.5	250.6	317.9
22.5°	0.0	1.3	2.1	8.1	24.7	54.3	94.3	142.4	203.3	275.7	348.6
20°	0.0	1.3	2.2	9.0	27.4	59.4	101.9	153.7	221.8	300.2	377.7
17.5°	0.0	1.3	2.3	9.9	30.0	64.2	108.9	164.5	239.8	324.1	405.4
15°	0.0	1.4	2.4	10.8	32.4	68.8	115.4	174.1	257.1	347.0	431.4
12.5°	0.0	1.4	2.4	11.7	34.8	72.9	121.3	182.1	271.6	369.0	455.8
10°	0.0	1.4	2.5	12.5	37.0	76.7	126.7	189.3	283.1	382.0	475.0
7.5°	0.0	1.4	2.6	13.4	39.1	80.2	131.5	195.6	293.2	391.8	485.0
5°	0.0	1.4	2.7	14.2	40.9	83.3	135.7	201.0	301.8	399.7	493.1
2.5°	0.0	1.4	2.7	14.9	42.6	85.9	139.3	205.5	308.9	405.6	499.3
0°	0.0	1.4	2.8	15.6	44.1	88.2	142.3	209.1	314.4	409.7	503.6
-2.5°	0.0	1.5	3.2	16.6	46.1	91.0	146.2	215.1	320.6	415.6	510.3
-5°	0.0	1.6	3.7	17.5	47.9	93.3	149.4	220.2	325.0	419.9	515.0
-7.5°	0.0	1.7	4.1	18.3	49.4	95.2	151.9	224.1	327.9	422.5	517.8
-10°	0.0	1.7	4.5	19.1	50.7	96.6	153.7	227.0	329.1	423.6	518.7
-12.5°	0.0	1.8	4.8	19.7	51.6	97.5	154.8	228.6	328.7	422.9	516.2
-15°	0.0	1.9	5.2	20.2	52.2	98.0	155.1	228.9	326.3	419.2	511.2
-17.5°	0.0	2.0	5.5	20.6	52.5	97.9	154.7	228.5	322.1	414.2	504.3
-20°	0.0	2.0	5.8	20.8	52.4	97.4	154.2	227.4	316.9	408.0	495.5

Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627212 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.1	6.1	21.0	52.0	96.3	154.3	225.4	310.6	400.6	484.7
-25°	0.0	2.1	6.3	21.0	51.2	96.0	153.6	222.3	303.5	392.1	472.1
-27.5°	0.0	2.1	6.5	20.8	50.0	95.6	152.1	218.4	295.6	382.2	460.4
-30°	0.0	2.1	6.7	20.5	48.6	94.5	149.9	213.5	288.6	371.1	447.9
-32.5°	0.0	2.2	6.8	20.1	48.0	92.9	146.9	209.5	281.7	359.5	434.5
-35°	0.0	2.2	6.9	19.5	47.0	90.7	144.0	205.2	273.9	347.6	420.3
-37.5°	0.0	2.1	6.9	18.8	45.6	88.3	140.7	199.9	265.2	335.3	403.5
-40°	0.0	2.1	6.9	17.9	43.8	86.1	136.7	193.7	255.6	323.7	385.6
-42.5°	0.0	2.1	6.8	17.1	42.4	83.4	131.8	186.7	246.7	308.8	366.5
-45°	0.0	2.1	6.7	16.4	41.6	80.2	126.2	179.3	237.6	292.8	346.7
-47.5°	0.0	2.0	6.5	15.5	40.3	76.4	119.9	171.7	227.4	276.3	328.3
-50°	0.0	2.0	6.3	15.2	38.7	72.0	114.3	163.3	214.1	261.3	309.4
-52.5°	0.0	1.9	6.1	15.0	36.5	67.2	108.3	153.9	200.8	245.6	290.1
-55°	0.0	1.8	5.8	14.6	34.0	63.2	101.6	143.9	187.0	229.2	272.1
-57.5°	0.0	1.7	5.5	14.0	31.1	59.0	94.3	135.0	172.6	212.7	253.3
-60°	0.0	1.6	5.1	13.3	27.9	54.1	86.4	124.2	157.8	195.6	234.0
-62.5°	0.0	1.5	4.8	12.3	25.9	48.7	78.9	112.2	143.2	177.8	214.0
-65°	0.0	1.4	4.5	11.3	23.7	42.7	70.6	99.8	127.6	159.1	193.3
-67.5°	0.0	1.3	4.1	10.0	21.2	37.4	61.6	87.2	111.1	139.2	170.4
-70°	0.0	1.2	3.7	8.6	18.5	32.8	51.9	74.1	95.6	118.4	145.7
-72.5°	0.0	1.0	3.3	7.6	15.5	27.8	44.1	60.7	79.6	99.6	120.8
-75°	0.0	0.9	2.9	6.6	12.3	22.5	36.2	49.5	63.1	80.4	98.6
-77.5°	0.0	0.8	2.4	5.6	10.2	17.0	27.9	38.9	50.1	62.0	75.8
-80°	0.0	0.6	2.0	4.5	8.2	13.0	19.3	28.1	37.3	47.0	57.1
-82.5°	0.0	0.5	1.5	3.4	6.2	9.8	14.2	18.8	24.3	31.7	39.6
-85°	0.0	0.3	1.0	2.3	4.2	6.6	9.5	12.6	16.0	19.8	24.0
-87.5°	0.0	0.2	0.5	1.2	2.1	3.3	4.8	6.3	8.0	9.9	12.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627212 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-730-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.6	0.7	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.1	1.1
85°	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
82.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
80°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
77.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
75°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
72.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
70°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.2
67.5°	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.4	1.4	1.1	0.7
65°	1.4	1.4	1.9	2.1	1.5	1.4	1.4	1.4	1.5	1.3	1.3
62.5°	2.1	2.6	3.2	4.9	3.7	1.4	2.8	3.2	2.2	1.7	1.9
60°	6.2	4.3	10.9	15.2	9.9	5.3	6.5	12.9	10.6	2.8	7.5
57.5°	12.6	15.5	27.6	28.9	22.2	15.1	32.9	36.5	30.3	19.0	27.4
55°	26.2	36.8	46.5	46.0	46.3	58.1	68.3	67.0	59.1	81.5	102.7
52.5°	49.6	60.6	67.0	73.0	89.6	100.6	103.8	110.1	133.3	161.0	166.0
50°	72.7	84.1	92.5	114.2	131.2	139.9	148.0	169.2	204.3	223.4	226.4
47.5°	96.2	108.8	131.2	154.9	171.3	184.5	198.5	246.8	285.9	302.1	308.0
45°	120.6	142.5	170.5	194.8	213.8	231.7	277.4	343.3	370.8	395.7	458.9
42.5°	146.0	179.1	210.5	235.9	257.4	294.7	358.4	422.3	461.7	514.5	590.9
40°	178.4	215.5	251.9	277.8	304.6	361.1	440.0	507.6	549.3	620.2	707.2
37.5°	211.3	254.6	293.9	321.3	358.9	435.5	528.1	609.0	660.7	718.5	858.3
35°	243.8	294.5	334.9	371.5	418.1	523.6	637.8	727.8	791.7	890.6	1067.6
32.5°	278.5	335.2	376.4	426.3	502.9	620.9	761.1	861.0	967.0	1109.3	1392.9
30°	315.4	373.3	420.7	480.6	583.3	721.0	883.7	1009.3	1153.2	1384.3	1690.0
27.5°	352.3	411.2	469.6	545.9	658.6	807.3	977.3	1175.3	1361.3	1619.8	1953.9
25°	387.6	449.9	517.6	609.8	731.7	887.3	1072.8	1301.3	1544.1	1839.7	2232.0
22.5°	421.4	489.1	568.4	667.4	793.3	963.3	1184.5	1452.9	1744.6	2050.8	2501.6
20°	454.5	533.0	623.9	734.8	850.1	1033.3	1293.8	1618.8	1984.3	2403.8	2845.6
17.5°	487.2	576.3	681.3	804.5	944.2	1131.7	1405.8	1792.7	2237.6	2783.5	3327.5
15°	519.3	618.7	736.8	873.4	1039.1	1263.3	1574.6	1999.7	2537.3	3191.0	3835.4
12.5°	550.4	659.9	790.0	940.7	1131.1	1387.1	1733.6	2192.3	2808.2	3589.2	4380.9
10°	580.2	699.4	840.5	1005.6	1219.3	1502.3	1874.2	2358.9	3012.7	3817.6	4698.0
7.5°	595.3	726.1	883.7	1067.4	1302.5	1608.1	1996.5	2499.7	3172.4	4001.2	4883.9
5°	606.2	738.4	899.9	1092.0	1348.2	1680.0	2090.1	2614.8	3290.1	4139.3	5009.9
2.5°	614.5	747.2	911.7	1105.9	1366.3	1704.0	2121.1	2654.9	3353.3	4211.4	5083.3
0°	620.3	752.6	919.0	1113.9	1375.6	1715.6	2135.3	2671.6	3380.1	4227.9	5110.0
-2.5°	626.4	759.9	926.7	1126.3	1388.7	1731.4	2151.0	2683.4	3400.2	4232.5	5124.4
-5°	629.9	763.8	929.7	1132.3	1392.9	1734.4	2149.9	2672.2	3384.2	4199.3	5093.0
-7.5°	630.8	764.3	928.0	1131.1	1387.6	1721.0	2127.1	2638.9	3329.0	4132.1	5016.1
-10°	629.3	760.9	921.9	1120.8	1371.9	1693.0	2086.5	2581.1	3238.3	4021.1	4886.2
-12.5°	624.7	753.8	910.9	1104.1	1346.8	1653.3	2029.3	2498.7	3112.4	3866.8	4703.0
-15°	617.3	743.2	895.0	1080.9	1312.1	1602.2	1955.7	2391.7	2950.2	3670.7	4474.8
-17.5°	607.1	729.1	874.3	1051.3	1267.7	1540.1	1866.8	2266.5	2775.4	3451.8	4221.3
-20°	594.2	711.7	848.7	1015.4	1216.6	1474.6	1784.2	2155.7	2611.7	3201.1	3922.0

Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627212 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	578.4	690.8	821.5	981.0	1171.2	1406.7	1691.9	2030.0	2428.2	2911.4	3595.3
-25°	562.2	670.8	795.1	942.7	1119.4	1329.8	1586.3	1894.3	2254.9	2697.3	3262.7
-27.5°	546.3	647.8	764.6	898.6	1061.4	1250.4	1487.1	1767.8	2089.2	2465.3	2925.8
-30°	528.3	622.1	730.9	852.3	1005.8	1181.2	1385.8	1626.4	1912.1	2252.0	2652.3
-32.5°	508.6	594.5	698.3	812.3	946.2	1105.9	1282.8	1500.4	1749.0	2029.5	2375.4
-35°	489.0	571.0	664.9	769.1	882.2	1031.7	1194.3	1374.9	1586.3	1834.6	2111.3
-37.5°	470.2	545.4	629.1	726.3	832.4	956.5	1100.2	1263.2	1445.2	1642.7	1881.8
-40°	449.3	517.7	596.9	684.9	778.7	886.3	1015.8	1154.2	1310.9	1484.7	1669.3
-42.5°	426.5	492.2	564.5	640.3	726.4	822.6	930.0	1056.5	1186.7	1332.3	1493.5
-45°	404.2	464.5	530.7	599.9	672.3	757.2	854.8	960.0	1075.5	1194.3	1329.7
-47.5°	380.6	435.8	497.4	557.7	621.8	694.3	777.1	872.6	968.8	1074.7	1179.6
-50°	357.1	408.8	460.6	516.9	574.3	634.7	704.6	787.0	874.6	962.4	1054.8
-52.5°	336.0	380.8	427.5	475.8	528.2	581.8	640.1	708.1	784.7	862.0	941.7
-55°	314.4	355.7	394.4	437.6	482.9	531.2	583.1	640.3	698.2	768.6	837.1
-57.5°	293.4	330.0	363.6	400.5	440.8	481.8	528.6	577.2	629.7	683.0	739.0
-60°	272.3	303.4	333.9	365.8	399.6	436.1	473.7	516.4	561.5	607.7	656.3
-62.5°	250.5	275.7	302.6	331.8	361.5	389.6	421.2	456.1	493.2	532.9	574.1
-65°	226.1	247.0	269.4	294.9	322.8	345.5	369.6	395.9	426.6	459.2	491.5
-67.5°	200.0	218.5	236.8	255.7	278.4	298.6	318.6	339.4	362.4	389.1	415.0
-70°	170.9	189.4	205.6	221.2	235.6	250.1	267.0	283.5	301.9	325.9	349.5
-72.5°	141.4	158.7	174.0	187.3	197.5	206.1	216.5	228.4	246.1	268.4	289.2
-75°	114.4	128.3	142.7	155.4	162.0	164.6	166.7	173.0	190.9	213.8	234.0
-77.5°	89.1	101.2	112.9	124.0	128.6	130.4	131.3	131.2	144.5	163.9	184.4
-80°	65.6	74.0	83.9	93.4	96.3	97.1	97.2	96.6	107.4	121.4	136.4
-82.5°	45.6	51.7	58.0	64.4	65.3	64.9	63.9	63.0	71.7	81.8	92.2
-85°	26.6	29.2	33.0	36.9	37.4	37.2	36.5	35.4	40.2	45.7	51.5
-87.5°	13.3	14.6	15.9	17.1	16.7	16.0	15.1	14.1	15.5	16.9	18.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627212 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.1	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.4	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.4	1.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.4	1.1	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.4	1.1	0.8	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.4	1.2	0.8	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.4	1.2	0.8	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.8	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.6	0.7	0.7	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.4	1.4	1.0	0.7	0.3	0.3	0.3	0.3	0.1	0.0	0.0
62.5°	1.8	1.8	1.2	1.2	1.3	1.4	1.1	1.0	0.9	1.0	1.1
60°	8.0	4.6	4.7	5.9	5.0	2.3	4.6	5.9	5.5	4.2	3.6
57.5°	40.8	34.2	23.8	40.0	41.2	28.7	31.2	40.7	39.4	30.5	30.4
55°	102.9	104.4	112.1	122.2	129.7	133.1	136.2	151.5	167.8	183.8	191.8
52.5°	169.9	189.8	214.5	230.9	242.3	265.8	298.6	313.6	328.2	344.9	356.9
50°	250.3	284.8	309.6	313.2	352.2	377.5	383.5	411.7	442.5	461.7	475.4
47.5°	372.3	416.0	437.6	451.4	498.9	550.9	551.0	567.2	644.3	684.6	704.0
45°	536.3	572.7	611.0	710.3	801.7	830.7	892.8	976.9	1031.5	1106.7	1189.3
42.5°	675.9	744.3	840.1	949.5	1041.2	1117.4	1209.6	1310.7	1432.1	1546.2	1644.7
40°	814.1	898.8	1017.5	1136.5	1251.8	1357.5	1506.1	1636.1	1779.3	1936.3	2067.1
37.5°	994.4	1102.8	1225.5	1375.6	1555.1	1672.3	1876.8	2063.5	2224.8	2414.4	2531.2
35°	1271.3	1412.6	1521.2	1824.6	2043.0	2180.2	2422.2	2729.0	2846.9	3085.6	3198.9
32.5°	1619.5	1807.2	2093.0	2494.9	2786.5	3039.0	3400.7	3712.1	3977.5	4217.3	4466.8
30°	2010.7	2300.4	2721.7	3255.6	3551.8	3905.5	4394.7	4763.9	5180.1	5637.0	5797.1
27.5°	2365.7	2799.7	3288.7	3721.2	4146.7	4587.3	5067.9	5542.2	5992.7	6372.9	6628.0
25°	2694.7	3220.2	3695.6	4157.7	4618.8	5115.0	5658.6	6196.5	6692.3	7083.4	7380.9
22.5°	3034.1	3589.3	4097.8	4566.8	5103.0	5665.3	6243.4	6860.4	7424.6	7830.5	8154.5
20°	3353.1	3970.7	4550.7	5084.7	5591.6	6240.6	6906.4	7560.9	8175.2	8658.7	9032.3
17.5°	3859.6	4395.7	5104.6	5798.3	6369.3	6965.6	7855.1	8530.6	9212.4	9791.4	10187.5
15°	4481.6	5071.1	5803.1	6755.7	7538.2	8221.3	9140.3	10239.2	11043.4	11782.5	12289.6
12.5°	5104.1	5770.9	6562.7	7634.7	8748.7	9553.4	10668.3	12060.8	12997.5	14141.8	14705.9
10°	5581.3	6418.6	7233.9	8212.2	9282.1	10428.0	11629.8	12932.6	14184.2	15166.8	16045.1
7.5°	5773.4	6665.2	7609.1	8607.2	9677.0	10859.7	12140.6	13496.2	14784.3	15881.8	16847.1
5°	5916.9	6830.7	7780.8	8801.5	9945.1	11180.1	12480.1	13903.4	15218.8	16395.1	17382.7
2.5°	6008.2	6930.6	7876.6	8914.2	10117.1	11388.7	12730.6	14191.5	15526.7	16737.6	17722.1
0°	6043.2	6952.2	7921.0	8989.4	10180.1	11454.7	12854.5	14332.6	15678.4	16849.2	17862.1
-2.5°	6047.9	6932.1	7923.9	8987.1	10126.4	11413.0	12829.7	14295.4	15613.9	16779.9	17801.8
-5°	6000.4	6884.2	7876.9	8924.0	10064.9	11341.8	12697.7	14114.1	15371.6	16506.4	17490.3
-7.5°	5904.2	6785.6	7756.4	8779.4	9889.5	11128.1	12430.4	13747.2	14980.8	16069.2	17008.2
-10°	5761.4	6624.3	7561.4	8558.2	9608.6	10786.7	12028.4	13286.7	14443.4	15450.0	16318.3
-12.5°	5568.0	6411.0	7305.9	8257.5	9235.3	10358.4	11530.9	12712.5	13766.9	14685.8	15464.8
-15°	5316.9	6140.1	7006.7	7906.6	8854.8	9870.5	10922.8	12006.6	12979.0	13793.9	14505.6
-17.5°	5021.1	5819.5	6642.4	7476.7	8376.4	9329.3	10306.1	11279.0	12108.4	12832.3	13483.1
-20°	4691.3	5460.5	6242.2	7020.0	7836.2	8717.5	9619.7	10474.2	11199.0	11856.8	12452.4

Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627212 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4321.5	5057.8	5807.0	6534.9	7270.9	8068.9	8874.6	9647.4	10325.3	10888.0	11405.6
-25°	3925.6	4606.0	5313.5	5995.9	6673.4	7388.5	8120.3	8831.3	9428.0	9916.5	10344.2
-27.5°	3526.7	4148.4	4771.8	5414.3	6040.4	6700.3	7362.9	7977.0	8512.7	8962.5	9321.9
-30°	3107.5	3663.3	4232.5	4813.8	5411.7	6015.7	6614.3	7152.0	7619.6	8015.3	8325.8
-32.5°	2759.0	3181.2	3683.8	4211.5	4772.0	5322.3	5843.0	6333.1	6773.7	7119.2	7382.6
-35°	2425.0	2782.6	3159.0	3626.1	4107.6	4614.0	5093.0	5530.4	5923.2	6225.0	6472.8
-37.5°	2137.9	2420.7	2739.0	3072.5	3476.2	3894.8	4327.1	4738.5	5088.7	5352.1	5573.4
-40°	1889.4	2112.6	2367.0	2631.4	2928.4	3229.1	3605.6	3952.7	4238.6	4484.8	4685.3
-42.5°	1664.7	1853.2	2040.9	2257.8	2481.9	2723.7	2987.9	3244.7	3464.0	3670.0	3840.3
-45°	1470.8	1621.3	1771.1	1938.5	2103.0	2299.6	2488.4	2656.8	2834.5	2988.7	3110.1
-47.5°	1301.2	1418.6	1546.9	1672.3	1804.4	1952.4	2092.9	2221.0	2351.2	2464.0	2554.5
-50°	1150.5	1247.8	1352.6	1451.0	1557.9	1666.2	1770.1	1872.0	1970.9	2056.7	2123.5
-52.5°	1018.6	1103.6	1185.2	1263.7	1348.6	1428.8	1504.0	1588.1	1665.5	1733.1	1778.8
-55°	906.3	975.7	1042.6	1108.1	1172.3	1233.1	1293.0	1358.3	1418.0	1471.8	1505.8
-57.5°	800.8	859.9	916.5	970.0	1021.0	1069.3	1119.8	1170.0	1216.0	1256.5	1282.8
-60°	704.8	753.1	802.1	845.7	886.9	925.5	968.0	1008.1	1045.3	1076.5	1094.7
-62.5°	616.9	660.2	696.4	730.9	765.9	800.7	830.8	860.5	889.1	913.3	929.1
-65°	525.0	561.7	592.5	620.2	645.2	672.2	697.9	721.2	741.9	757.6	767.6
-67.5°	442.8	469.8	494.5	516.5	538.9	560.4	580.2	597.9	613.4	624.4	631.6
-70°	371.3	392.0	412.2	432.2	452.1	468.9	483.3	496.5	508.4	513.4	515.6
-72.5°	308.6	326.9	344.6	362.3	378.8	392.0	402.5	412.2	420.9	413.4	400.3
-75°	251.6	267.7	284.3	299.9	314.5	324.6	332.4	339.6	346.2	329.9	307.5
-77.5°	205.0	219.2	231.5	243.7	255.7	262.1	267.1	272.0	276.7	258.5	235.6
-80°	152.1	163.5	173.9	184.2	194.2	198.0	200.3	201.8	202.6	187.1	169.1
-82.5°	102.8	108.7	114.4	120.4	126.5	129.7	132.1	134.0	135.3	124.3	111.9
-85°	57.6	59.4	60.8	62.0	63.0	65.0	66.9	68.7	70.3	65.0	59.2
-87.5°	19.8	19.8	19.7	19.5	19.3	19.4	19.4	19.3	19.2	18.4	17.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627212 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3
62.5°	1.3	1.3	1.4	1.4	1.4	1.3	1.3	1.1	1.0	0.9	1.0
60°	2.8	1.7	1.4	1.4	1.4	1.7	2.8	3.6	4.2	5.5	5.9
57.5°	28.3	24.7	22.2	19.9	22.2	24.7	28.3	30.4	30.5	39.4	40.7
55°	188.4	175.4	159.5	140.8	159.5	175.4	188.4	191.8	183.8	167.8	151.5
52.5°	369.6	381.9	389.0	388.4	389.0	381.9	369.6	356.9	344.9	328.2	313.6
50°	486.5	493.1	493.5	487.9	493.5	493.1	486.5	475.4	461.7	442.5	411.7
47.5°	712.8	703.4	687.3	670.0	687.3	703.4	712.8	704.0	684.6	644.3	567.2
45°	1243.7	1273.7	1271.7	1233.4	1271.7	1273.7	1243.7	1189.3	1106.7	1031.5	976.9
42.5°	1699.7	1744.6	1776.4	1792.5	1776.4	1744.6	1699.7	1644.7	1546.2	1432.1	1310.7
40°	2140.8	2184.2	2203.3	2202.2	2203.3	2184.2	2140.8	2067.1	1936.3	1779.3	1636.1
37.5°	2607.0	2663.0	2690.2	2677.3	2690.2	2663.0	2607.0	2531.2	2414.4	2224.8	2063.5
35°	3248.0	3300.5	3301.5	3274.8	3301.5	3300.5	3248.0	3198.9	3085.6	2846.9	2729.0
32.5°	4664.9	4682.4	4547.5	4499.7	4547.5	4682.4	4664.9	4466.8	4217.3	3977.5	3712.1
30°	5956.4	6080.9	6196.7	6255.1	6196.7	6080.9	5956.4	5797.1	5637.0	5180.1	4763.9
27.5°	6820.4	6970.1	7062.9	7068.9	7062.9	6970.1	6820.4	6628.0	6372.9	5992.7	5542.2
25°	7606.2	7773.7	7874.9	7909.6	7874.9	7773.7	7606.2	7380.9	7083.4	6692.3	6196.5
22.5°	8429.5	8627.0	8757.8	8784.5	8757.8	8627.0	8429.5	8154.5	7830.5	7424.6	6860.4
20°	9384.7	9614.5	9739.9	9734.8	9739.9	9614.5	9384.7	9032.3	8658.7	8175.2	7560.9
17.5°	10642.3	10888.7	10997.0	10949.7	10997.0	10888.7	10642.3	10187.5	9791.4	9212.4	8530.6
15°	12810.0	13325.5	13323.5	13117.7	13323.5	13325.5	12810.0	12289.6	11782.5	11043.4	10239.2
12.5°	15483.9	15868.1	16262.3	16347.0	16262.3	15868.1	15483.9	14705.9	14141.8	12997.5	12060.8
10°	16785.0	17295.2	17632.0	17623.1	17632.0	17295.2	16785.0	16045.1	15166.8	14184.2	12932.6
7.5°	17599.0	18162.7	18570.8	18562.0	18570.8	18162.7	17599.0	16847.1	15881.8	14784.3	13496.2
5°	18227.2	18852.4	19213.8	19240.6	19213.8	18852.4	18227.2	17382.7	16395.1	15218.8	13903.4
2.5°	18553.6	19206.1	19640.6	19583.4	19640.6	19206.1	18553.6	17722.1	16737.6	15526.7	14191.5
0°	18690.0	19335.9	19741.3	19916.3	19741.3	19335.9	18690.0	17862.1	16849.2	15678.4	14332.6
-2.5°	18630.4	19258.9	19706.9	19724.2	19706.9	19258.9	18630.4	17801.8	16779.9	15613.9	14295.4
-5°	18311.2	18974.3	19274.5	19434.0	19274.5	18974.3	18311.2	17490.3	16506.4	15371.6	14114.1
-7.5°	17796.4	18293.4	18674.7	18850.8	18674.7	18293.4	17796.4	17008.2	16069.2	14980.8	13747.2
-10°	16995.2	17509.7	17831.9	17977.3	17831.9	17509.7	16995.2	16318.3	15450.0	14443.4	13286.7
-12.5°	16107.7	16575.3	16881.6	17004.2	16881.6	16575.3	16107.7	15464.8	14685.8	13766.9	12712.5
-15°	15117.4	15542.0	15823.9	15941.6	15823.9	15542.0	15117.4	14505.6	13793.9	12979.0	12006.6
-17.5°	14027.4	14399.4	14680.3	14765.1	14680.3	14399.4	14027.4	13483.1	12832.3	12108.4	11279.0
-20°	12906.5	13242.8	13474.2	13524.6	13474.2	13242.8	12906.5	12452.4	11856.8	11199.0	10474.2



REPORT NUMBER: P627212 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-730-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	11777.1	12054.1	12242.1	12305.4	12242.1	12054.1	11777.1	11405.6	10888.0	10325.3	9647.4
-25°	10673.3	10912.4	11063.7	11120.4	11063.7	10912.4	10673.3	10344.2	9916.5	9428.0	8831.3
-27.5°	9611.8	9834.7	9973.7	9992.3	9973.7	9834.7	9611.8	9321.9	8962.5	8512.7	7977.0
-30°	8567.4	8751.5	8858.6	8904.0	8858.6	8751.5	8567.4	8325.8	8015.3	7619.6	7152.0
-32.5°	7591.2	7752.1	7848.3	7874.0	7848.3	7752.1	7591.2	7382.6	7119.2	6773.7	6333.1
-35°	6669.7	6818.3	6903.6	6896.7	6903.6	6818.3	6669.7	6472.8	6225.0	5923.2	5530.4
-37.5°	5756.3	5893.4	5970.8	5963.5	5970.8	5893.4	5756.3	5573.4	5352.1	5088.7	4738.5
-40°	4850.1	4968.4	5036.5	5053.0	5036.5	4968.4	4850.1	4685.3	4484.8	4238.6	3952.7
-42.5°	3981.9	4091.0	4145.6	4124.1	4145.6	4091.0	3981.9	3840.3	3670.0	3464.0	3244.7
-45°	3195.1	3251.5	3288.7	3311.8	3288.7	3251.5	3195.1	3110.1	2988.7	2834.5	2656.8
-47.5°	2620.7	2667.5	2692.8	2697.2	2692.8	2667.5	2620.7	2554.5	2464.0	2351.2	2221.0
-50°	2175.4	2215.2	2232.8	2227.8	2232.8	2215.2	2175.4	2123.5	2056.7	1970.9	1872.0
-52.5°	1811.7	1834.7	1850.3	1857.9	1850.3	1834.7	1811.7	1778.8	1733.1	1665.5	1588.1
-55°	1531.4	1549.4	1559.9	1563.4	1559.9	1549.4	1531.4	1505.8	1471.8	1418.0	1358.3
-57.5°	1304.8	1321.9	1328.1	1325.9	1328.1	1321.9	1304.8	1282.8	1256.5	1216.0	1170.0
-60°	1108.7	1118.5	1125.8	1129.5	1125.8	1118.5	1108.7	1094.7	1076.5	1045.3	1008.1
-62.5°	941.8	951.0	958.6	963.1	958.6	951.0	941.8	929.1	913.3	889.1	860.5
-65°	774.7	778.7	779.9	778.2	779.9	778.7	774.7	767.6	757.6	741.9	721.2
-67.5°	636.9	640.3	642.6	643.0	642.6	640.3	636.9	631.6	624.4	613.4	597.9
-70°	517.8	519.2	517.6	513.6	517.6	519.2	517.8	515.6	513.4	508.4	496.5
-72.5°	386.8	372.6	358.5	342.8	358.5	372.6	386.8	400.3	413.4	420.9	412.2
-75°	284.3	260.3	251.7	243.3	251.7	260.3	284.3	307.5	329.9	346.2	339.6
-77.5°	211.5	186.6	179.9	173.6	179.9	186.6	211.5	235.6	258.5	276.7	272.0
-80°	150.3	130.8	126.5	122.3	126.5	130.8	150.3	169.1	187.1	202.6	201.8
-82.5°	98.8	85.2	82.5	79.7	82.5	85.2	98.8	111.9	124.3	135.3	134.0
-85°	53.1	46.7	45.4	44.1	45.4	46.7	53.1	59.2	65.0	70.3	68.7
-87.5°	16.5	15.5	15.6	15.6	15.6	15.5	16.5	17.5	18.4	19.2	19.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627212 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-730-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.3	0.6	0.9	1.1	1.1	1.1	1.0	1.0
85°	0.0	0.0	0.0	0.4	0.7	1.1	1.4	1.4	1.4	1.4	1.4
82.5°	0.0	0.0	0.0	0.4	0.7	1.1	1.4	1.4	1.4	1.4	1.4
80°	0.0	0.0	0.0	0.4	0.8	1.1	1.4	1.4	1.4	1.4	1.4
77.5°	0.0	0.0	0.1	0.4	0.8	1.1	1.4	1.4	1.4	1.4	1.4
75°	0.0	0.0	0.1	0.5	0.8	1.2	1.4	1.4	1.4	1.4	1.4
72.5°	0.0	0.0	0.1	0.4	0.8	1.2	1.4	1.4	1.4	1.4	1.4
70°	0.0	0.0	0.0	0.0	0.1	0.4	0.8	1.2	1.4	1.4	1.4
67.5°	0.0	0.0	0.2	0.6	0.7	0.7	0.6	0.7	1.1	1.4	1.4
65°	0.3	0.3	0.3	0.7	1.0	1.4	1.4	1.3	1.3	1.5	1.4
62.5°	1.1	1.4	1.3	1.2	1.2	1.8	1.8	1.9	1.7	2.2	3.2
60°	4.6	2.3	5.0	5.9	4.7	4.6	8.0	7.5	2.8	10.6	12.9
57.5°	31.2	28.7	41.2	40.0	23.8	34.2	40.8	27.4	19.0	30.3	36.5
55°	136.2	133.1	129.7	122.2	112.1	104.4	102.9	102.7	81.5	59.1	67.0
52.5°	298.6	265.8	242.3	230.9	214.5	189.8	169.9	166.0	161.0	133.3	110.1
50°	383.5	377.5	352.2	313.2	309.6	284.8	250.3	226.4	223.4	204.3	169.2
47.5°	551.0	550.9	498.9	451.4	437.6	416.0	372.3	308.0	302.1	285.9	246.8
45°	892.8	830.7	801.7	710.3	611.0	572.7	536.3	458.9	395.7	370.8	343.3
42.5°	1209.6	1117.4	1041.2	949.5	840.1	744.3	675.9	590.9	514.5	461.7	422.3
40°	1506.1	1357.5	1251.8	1136.5	1017.5	898.8	814.1	707.2	620.2	549.3	507.6
37.5°	1876.8	1672.3	1555.1	1375.6	1225.5	1102.8	994.4	858.3	718.5	660.7	609.0
35°	2422.2	2180.2	2043.0	1824.6	1521.2	1412.6	1271.3	1067.6	890.6	791.7	727.8
32.5°	3400.7	3039.0	2786.5	2494.9	2093.0	1807.2	1619.5	1392.9	1109.3	967.0	861.0
30°	4394.7	3905.5	3551.8	3255.6	2721.7	2300.4	2010.7	1690.0	1384.3	1153.2	1009.3
27.5°	5067.9	4587.3	4146.7	3721.2	3288.7	2799.7	2365.7	1953.9	1619.8	1361.3	1175.3
25°	5658.6	5115.0	4618.8	4157.7	3695.6	3220.2	2694.7	2232.0	1839.7	1544.1	1301.3
22.5°	6243.4	5665.3	5103.0	4566.8	4097.8	3589.3	3034.1	2501.6	2050.8	1744.6	1452.9
20°	6906.4	6240.6	5591.6	5084.7	4550.7	3970.7	3353.1	2845.6	2403.8	1984.3	1618.8
17.5°	7855.1	6965.6	6369.3	5798.3	5104.6	4395.7	3859.6	3327.5	2783.5	2237.6	1792.7
15°	9140.3	8221.3	7538.2	6755.7	5803.1	5071.1	4481.6	3835.4	3191.0	2537.3	1999.7
12.5°	10668.3	9553.4	8748.7	7634.7	6562.7	5770.9	5104.1	4380.9	3589.2	2808.2	2192.3
10°	11629.8	10428.0	9282.1	8212.2	7233.9	6418.6	5581.3	4698.0	3817.6	3012.7	2358.9
7.5°	12140.6	10859.7	9677.0	8607.2	7609.1	6665.2	5773.4	4883.9	4001.2	3172.4	2499.7
5°	12480.1	11180.1	9945.1	8801.5	7780.8	6830.7	5916.9	5009.9	4139.3	3290.1	2614.8
2.5°	12730.6	11388.7	10117.1	8914.2	7876.6	6930.6	6008.2	5083.3	4211.4	3353.3	2654.9
0°	12854.5	11454.7	10180.1	8989.4	7921.0	6952.2	6043.2	5110.0	4227.9	3380.1	2671.6
-2.5°	12829.7	11413.0	10126.4	8987.1	7923.9	6932.1	6047.9	5124.4	4232.5	3400.2	2683.4
-5°	12697.7	11341.8	10064.9	8924.0	7876.9	6884.2	6000.4	5093.0	4199.3	3384.2	2672.2
-7.5°	12430.4	11128.1	9889.5	8779.4	7756.4	6785.6	5904.2	5016.1	4132.1	3329.0	2638.9
-10°	12028.4	10786.7	9608.6	8558.2	7561.4	6624.3	5761.4	4886.2	4021.1	3238.3	2581.1
-12.5°	11530.9	10358.4	9235.3	8257.5	7305.9	6411.0	5568.0	4703.0	3866.8	3112.4	2498.7
-15°	10922.8	9870.5	8854.8	7906.6	7006.7	6140.1	5316.9	4474.8	3670.7	2950.2	2391.7
-17.5°	10306.1	9329.3	8376.4	7476.7	6642.4	5819.5	5021.1	4221.3	3451.8	2775.4	2266.5
-20°	9619.7	8717.5	7836.2	7020.0	6242.2	5460.5	4691.3	3922.0	3201.1	2611.7	2155.7



REPORT NUMBER: P627212 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-730-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8874.6	8068.9	7270.9	6534.9	5807.0	5057.8	4321.5	3595.3	2911.4	2428.2	2030.0
-25°	8120.3	7388.5	6673.4	5995.9	5313.5	4606.0	3925.6	3262.7	2697.3	2254.9	1894.3
-27.5°	7362.9	6700.3	6040.4	5414.3	4771.8	4148.4	3526.7	2925.8	2465.3	2089.2	1767.8
-30°	6614.3	6015.7	5411.7	4813.8	4232.5	3663.3	3107.5	2652.3	2252.0	1912.1	1626.4
-32.5°	5843.0	5322.3	4772.0	4211.5	3683.8	3181.2	2759.0	2375.4	2029.5	1749.0	1500.4
-35°	5093.0	4614.0	4107.6	3626.1	3159.0	2782.6	2425.0	2111.3	1834.6	1586.3	1374.9
-37.5°	4327.1	3894.8	3476.2	3072.5	2739.0	2420.7	2137.9	1881.8	1642.7	1445.2	1263.2
-40°	3605.6	3229.1	2928.4	2631.4	2367.0	2112.6	1889.4	1669.3	1484.7	1310.9	1154.2
-42.5°	2987.9	2723.7	2481.9	2257.8	2040.9	1853.2	1664.7	1493.5	1332.3	1186.7	1056.5
-45°	2488.4	2299.6	2103.0	1938.5	1771.1	1621.3	1470.8	1329.7	1194.3	1075.5	960.0
-47.5°	2092.9	1952.4	1804.4	1672.3	1546.9	1418.6	1301.2	1179.6	1074.7	968.8	872.6
-50°	1770.1	1666.2	1557.9	1451.0	1352.6	1247.8	1150.5	1054.8	962.4	874.6	787.0
-52.5°	1504.0	1428.8	1348.6	1263.7	1185.2	1103.6	1018.6	941.7	862.0	784.7	708.1
-55°	1293.0	1233.1	1172.3	1108.1	1042.6	975.7	906.3	837.1	768.6	698.2	640.3
-57.5°	1119.8	1069.3	1021.0	970.0	916.5	859.9	800.8	739.0	683.0	629.7	577.2
-60°	968.0	925.5	886.9	845.7	802.1	753.1	704.8	656.3	607.7	561.5	516.4
-62.5°	830.8	800.7	765.9	730.9	696.4	660.2	616.9	574.1	532.9	493.2	456.1
-65°	697.9	672.2	645.2	620.2	592.5	561.7	525.0	491.5	459.2	426.6	395.9
-67.5°	580.2	560.4	538.9	516.5	494.5	469.8	442.8	415.0	389.1	362.4	339.4
-70°	483.3	468.9	452.1	432.2	412.2	392.0	371.3	349.5	325.9	301.9	283.5
-72.5°	402.5	392.0	378.8	362.3	344.6	326.9	308.6	289.2	268.4	246.1	228.4
-75°	332.4	324.6	314.5	299.9	284.3	267.7	251.6	234.0	213.8	190.9	173.0
-77.5°	267.1	262.1	255.7	243.7	231.5	219.2	205.0	184.4	163.9	144.5	131.2
-80°	200.3	198.0	194.2	184.2	173.9	163.5	152.1	136.4	121.4	107.4	96.6
-82.5°	132.1	129.7	126.5	120.4	114.4	108.7	102.8	92.2	81.8	71.7	63.0
-85°	66.9	65.0	63.0	62.0	60.8	59.4	57.6	51.5	45.7	40.2	35.4
-87.5°	19.4	19.4	19.3	19.5	19.7	19.8	19.8	18.3	16.9	15.5	14.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627212 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.9	0.9	0.9	0.8	0.8	0.7	0.6	0.6	0.5	0.5	0.4
85°	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.2	1.1	1.0	0.8
82.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3
80°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
77.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
75°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
72.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
70°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4
67.5°	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.8	1.8	1.4	1.4
65°	1.4	1.4	1.5	2.1	1.9	1.4	1.4	2.7	2.3	2.0	1.4
62.5°	2.8	1.4	3.7	4.9	3.2	2.6	2.1	5.9	3.8	2.7	1.9
60°	6.5	5.3	9.9	15.2	10.9	4.3	6.2	10.2	9.4	3.4	2.7
57.5°	32.9	15.1	22.2	28.9	27.6	15.5	12.6	17.4	15.8	9.3	3.7
55°	68.3	58.1	46.3	46.0	46.5	36.8	26.2	27.0	23.9	17.0	5.4
52.5°	103.8	100.6	89.6	73.0	67.0	60.6	49.6	38.3	35.5	25.4	13.4
50°	148.0	139.9	131.2	114.2	92.5	84.1	72.7	58.5	48.3	35.4	22.1
47.5°	198.5	184.5	171.3	154.9	131.2	108.8	96.2	79.3	62.5	48.7	31.0
45°	277.4	231.7	213.8	194.8	170.5	142.5	120.6	99.9	80.9	62.0	39.8
42.5°	358.4	294.7	257.4	235.9	210.5	179.1	146.0	122.8	99.2	75.3	50.3
40°	440.0	361.1	304.6	277.8	251.9	215.5	178.4	146.7	117.0	89.1	61.8
37.5°	528.1	435.5	358.9	321.3	293.9	254.6	211.3	171.1	135.3	104.0	73.2
35°	637.8	523.6	418.1	371.5	334.9	294.5	243.8	197.6	157.1	119.0	84.4
32.5°	761.1	620.9	502.9	426.3	376.4	335.2	278.5	227.4	179.6	134.0	95.4
30°	883.7	721.0	583.3	480.6	420.7	373.3	315.4	257.5	202.5	149.0	106.5
27.5°	977.3	807.3	658.6	545.9	469.6	411.2	352.3	287.7	225.8	165.5	118.8
25°	1072.8	887.3	731.7	609.8	517.6	449.9	387.6	317.9	250.6	184.5	130.8
22.5°	1184.5	963.3	793.3	667.4	568.4	489.1	421.4	348.6	275.7	203.3	142.4
20°	1293.8	1033.3	850.1	734.8	623.9	533.0	454.5	377.7	300.2	221.8	153.7
17.5°	1405.8	1131.7	944.2	804.5	681.3	576.3	487.2	405.4	324.1	239.8	164.5
15°	1574.6	1263.3	1039.1	873.4	736.8	618.7	519.3	431.4	347.0	257.1	174.1
12.5°	1733.6	1387.1	1131.1	940.7	790.0	659.9	550.4	455.8	369.0	271.6	182.1
10°	1874.2	1502.3	1219.3	1005.6	840.5	699.4	580.2	475.0	382.0	283.1	189.3
7.5°	1996.5	1608.1	1302.5	1067.4	883.7	726.1	595.3	485.0	391.8	293.2	195.6
5°	2090.1	1680.0	1348.2	1092.0	899.9	738.4	606.2	493.1	399.7	301.8	201.0
2.5°	2121.1	1704.0	1366.3	1105.9	911.7	747.2	614.5	499.3	405.6	308.9	205.5
0°	2135.3	1715.6	1375.6	1113.9	919.0	752.6	620.3	503.6	409.7	314.4	209.1
-2.5°	2151.0	1731.4	1388.7	1126.3	926.7	759.9	626.4	510.3	415.6	320.6	215.1
-5°	2149.9	1734.4	1392.9	1132.3	929.7	763.8	629.9	515.0	419.9	325.0	220.2
-7.5°	2127.1	1721.0	1387.6	1131.1	928.0	764.3	630.8	517.8	422.5	327.9	224.1
-10°	2086.5	1693.0	1371.9	1120.8	921.9	760.9	629.3	518.7	423.6	329.1	227.0
-12.5°	2029.3	1653.3	1346.8	1104.1	910.9	753.8	624.7	516.2	422.9	328.7	228.6
-15°	1955.7	1602.2	1312.1	1080.9	895.0	743.2	617.3	511.2	419.2	326.3	228.9
-17.5°	1866.8	1540.1	1267.7	1051.3	874.3	729.1	607.1	504.3	414.2	322.1	228.5
-20°	1784.2	1474.6	1216.6	1015.4	848.7	711.7	594.2	495.5	408.0	316.9	227.4

Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627212 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1691.9	1406.7	1171.2	981.0	821.5	690.8	578.4	484.7	400.6	310.6	225.4
-25°	1586.3	1329.8	1119.4	942.7	795.1	670.8	562.2	472.1	392.1	303.5	222.3
-27.5°	1487.1	1250.4	1061.4	898.6	764.6	647.8	546.3	460.4	382.2	295.6	218.4
-30°	1385.8	1181.2	1005.8	852.3	730.9	622.1	528.3	447.9	371.1	288.6	213.5
-32.5°	1282.8	1105.9	946.2	812.3	698.3	594.5	508.6	434.5	359.5	281.7	209.5
-35°	1194.3	1031.7	882.2	769.1	664.9	571.0	489.0	420.3	347.6	273.9	205.2
-37.5°	1100.2	956.5	832.4	726.3	629.1	545.4	470.2	403.5	335.3	265.2	199.9
-40°	1015.8	886.3	778.7	684.9	596.9	517.7	449.3	385.6	323.7	255.6	193.7
-42.5°	930.0	822.6	726.4	640.3	564.5	492.2	426.5	366.5	308.8	246.7	186.7
-45°	854.8	757.2	672.3	599.9	530.7	464.5	404.2	346.7	292.8	237.6	179.3
-47.5°	777.1	694.3	621.8	557.7	497.4	435.8	380.6	328.3	276.3	227.4	171.7
-50°	704.6	634.7	574.3	516.9	460.6	408.8	357.1	309.4	261.3	214.1	163.3
-52.5°	640.1	581.8	528.2	475.8	427.5	380.8	336.0	290.1	245.6	200.8	153.9
-55°	583.1	531.2	482.9	437.6	394.4	355.7	314.4	272.1	229.2	187.0	143.9
-57.5°	528.6	481.8	440.8	400.5	363.6	330.0	293.4	253.3	212.7	172.6	135.0
-60°	473.7	436.1	399.6	365.8	333.9	303.4	272.3	234.0	195.6	157.8	124.2
-62.5°	421.2	389.6	361.5	331.8	302.6	275.7	250.5	214.0	177.8	143.2	112.2
-65°	369.6	345.5	322.8	294.9	269.4	247.0	226.1	193.3	159.1	127.6	99.8
-67.5°	318.6	298.6	278.4	255.7	236.8	218.5	200.0	170.4	139.2	111.1	87.2
-70°	267.0	250.1	235.6	221.2	205.6	189.4	170.9	145.7	118.4	95.6	74.1
-72.5°	216.5	206.1	197.5	187.3	174.0	158.7	141.4	120.8	99.6	79.6	60.7
-75°	166.7	164.6	162.0	155.4	142.7	128.3	114.4	98.6	80.4	63.1	49.5
-77.5°	131.3	130.4	128.6	124.0	112.9	101.2	89.1	75.8	62.0	50.1	38.9
-80°	97.2	97.1	96.3	93.4	83.9	74.0	65.6	57.1	47.0	37.3	28.1
-82.5°	63.9	64.9	65.3	64.4	58.0	51.7	45.6	39.6	31.7	24.3	18.8
-85°	36.5	37.2	37.4	36.9	33.0	29.2	26.6	24.0	19.8	16.0	12.6
-87.5°	15.1	16.0	16.7	17.1	15.9	14.6	13.3	12.0	9.9	8.0	6.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627212 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-730-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.4	0.3	0.2	0.2	0.1	0.1	0.0
85°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
82.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
80°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
77.5°	1.4	1.4	1.2	0.9	0.6	0.3	0.0
75°	1.4	1.4	1.4	1.1	0.7	0.4	0.0
72.5°	1.4	1.4	1.4	1.3	0.8	0.4	0.0
70°	1.4	1.4	1.4	1.4	1.0	0.5	0.0
67.5°	1.5	1.4	1.4	1.4	1.1	0.5	0.0
65°	1.7	1.6	1.4	1.4	1.2	0.6	0.0
62.5°	1.9	1.9	1.4	1.4	1.3	0.6	0.0
60°	2.2	2.3	1.4	1.4	1.4	0.7	0.0
57.5°	3.8	2.7	1.8	1.4	1.4	0.8	0.0
55°	5.9	3.1	2.2	1.4	1.4	0.8	0.0
52.5°	8.2	3.9	2.7	1.4	1.5	0.9	0.0
50°	10.9	6.4	3.2	1.4	1.5	0.9	0.0
47.5°	14.5	9.0	3.7	1.5	1.5	0.9	0.0
45°	22.2	11.9	4.2	1.9	1.6	1.0	0.0
42.5°	29.9	14.8	4.7	2.3	1.6	1.0	0.0
40°	37.5	17.9	6.2	2.8	1.7	1.1	0.0
37.5°	45.1	21.2	8.7	3.4	1.7	1.1	0.0
35°	52.6	26.3	11.1	4.1	1.8	1.1	0.0
32.5°	60.5	32.3	13.6	4.8	1.8	1.2	0.0
30°	69.4	38.0	16.1	5.6	1.9	1.2	0.0
27.5°	78.0	43.7	19.0	6.4	2.0	1.2	0.0
25°	86.3	49.1	21.9	7.2	2.1	1.3	0.0
22.5°	94.3	54.3	24.7	8.1	2.1	1.3	0.0
20°	101.9	59.4	27.4	9.0	2.2	1.3	0.0
17.5°	108.9	64.2	30.0	9.9	2.3	1.3	0.0
15°	115.4	68.8	32.4	10.8	2.4	1.4	0.0
12.5°	121.3	72.9	34.8	11.7	2.4	1.4	0.0
10°	126.7	76.7	37.0	12.5	2.5	1.4	0.0
7.5°	131.5	80.2	39.1	13.4	2.6	1.4	0.0
5°	135.7	83.3	40.9	14.2	2.7	1.4	0.0
2.5°	139.3	85.9	42.6	14.9	2.7	1.4	0.0
0°	142.3	88.2	44.1	15.6	2.8	1.4	0.0
-2.5°	146.2	91.0	46.1	16.6	3.2	1.5	0.0
-5°	149.4	93.3	47.9	17.5	3.7	1.6	0.0
-7.5°	151.9	95.2	49.4	18.3	4.1	1.7	0.0
-10°	153.7	96.6	50.7	19.1	4.5	1.7	0.0
-12.5°	154.8	97.5	51.6	19.7	4.8	1.8	0.0
-15°	155.1	98.0	52.2	20.2	5.2	1.9	0.0
-17.5°	154.7	97.9	52.5	20.6	5.5	2.0	0.0
-20°	154.2	97.4	52.4	20.8	5.8	2.0	0.0

Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627212 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	154.3	96.3	52.0	21.0	6.1	2.1	0.0
-25°	153.6	96.0	51.2	21.0	6.3	2.1	0.0
-27.5°	152.1	95.6	50.0	20.8	6.5	2.1	0.0
-30°	149.9	94.5	48.6	20.5	6.7	2.1	0.0
-32.5°	146.9	92.9	48.0	20.1	6.8	2.2	0.0
-35°	144.0	90.7	47.0	19.5	6.9	2.2	0.0
-37.5°	140.7	88.3	45.6	18.8	6.9	2.1	0.0
-40°	136.7	86.1	43.8	17.9	6.9	2.1	0.0
-42.5°	131.8	83.4	42.4	17.1	6.8	2.1	0.0
-45°	126.2	80.2	41.6	16.4	6.7	2.1	0.0
-47.5°	119.9	76.4	40.3	15.5	6.5	2.0	0.0
-50°	114.3	72.0	38.7	15.2	6.3	2.0	0.0
-52.5°	108.3	67.2	36.5	15.0	6.1	1.9	0.0
-55°	101.6	63.2	34.0	14.6	5.8	1.8	0.0
-57.5°	94.3	59.0	31.1	14.0	5.5	1.7	0.0
-60°	86.4	54.1	27.9	13.3	5.1	1.6	0.0
-62.5°	78.9	48.7	25.9	12.3	4.8	1.5	0.0
-65°	70.6	42.7	23.7	11.3	4.5	1.4	0.0
-67.5°	61.6	37.4	21.2	10.0	4.1	1.3	0.0
-70°	51.9	32.8	18.5	8.6	3.7	1.2	0.0
-72.5°	44.1	27.8	15.5	7.6	3.3	1.0	0.0
-75°	36.2	22.5	12.3	6.6	2.9	0.9	0.0
-77.5°	27.9	17.0	10.2	5.6	2.4	0.8	0.0
-80°	19.3	13.0	8.2	4.5	2.0	0.6	0.0
-82.5°	14.2	9.8	6.2	3.4	1.5	0.5	0.0
-85°	9.5	6.6	4.2	2.3	1.0	0.3	0.0
-87.5°	4.8	3.3	2.1	1.2	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)