

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: P627760 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-735-U-VWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627760 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA5E-735-U-VWR-VSR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR  
Light Source: (80) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

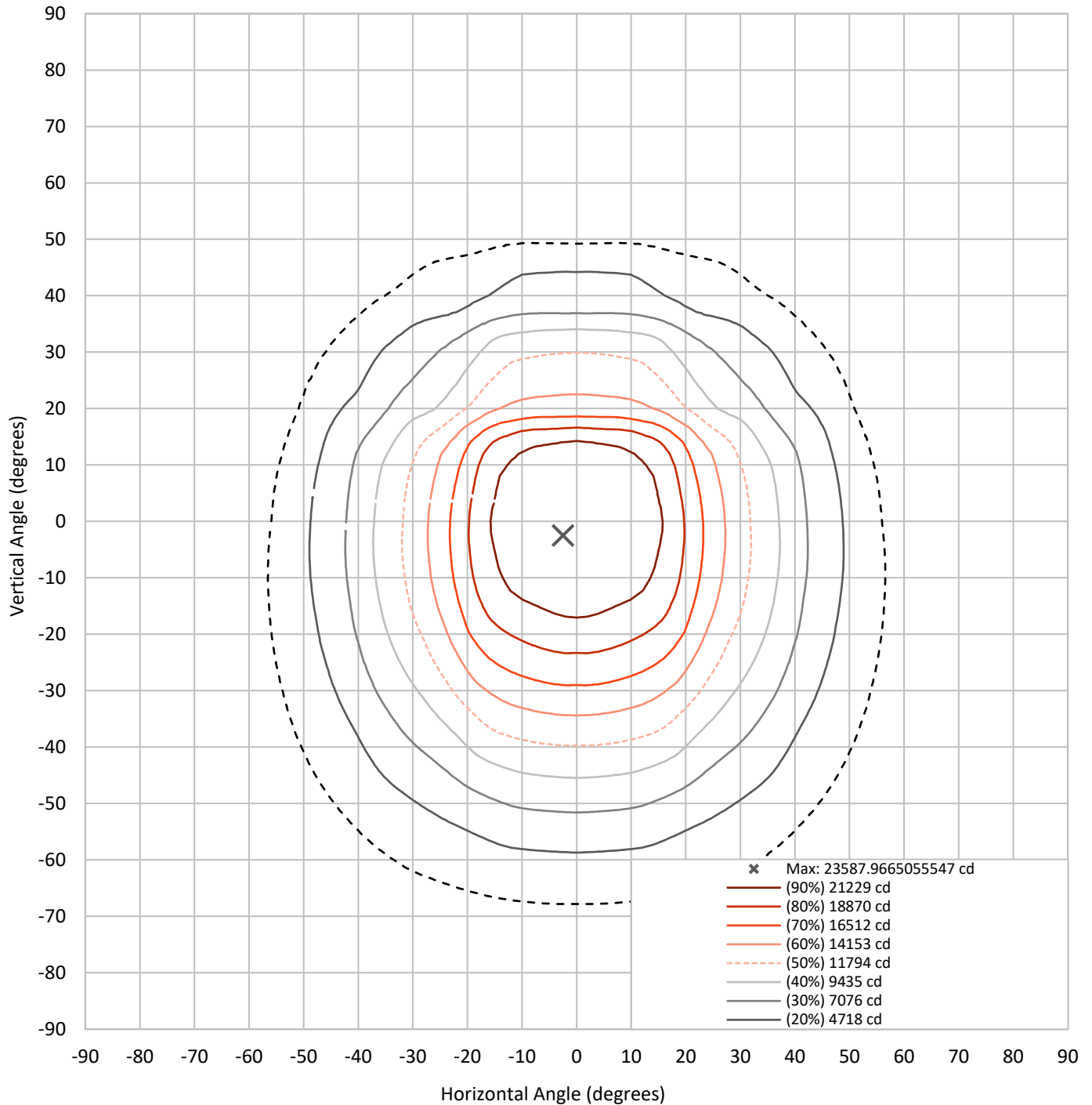
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	31478.9 lumens	Max Intensity:	23588 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	100.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	18212.6 lumens	Field Lumens:	29871.4 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	313.7		
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: P627760 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5E-735-U-VWR-VSR-XX

### Iso-Candela Plot





REPORT NUMBER: P627760 (CONVERTED FROM TYPE C PHOTOMETRY)

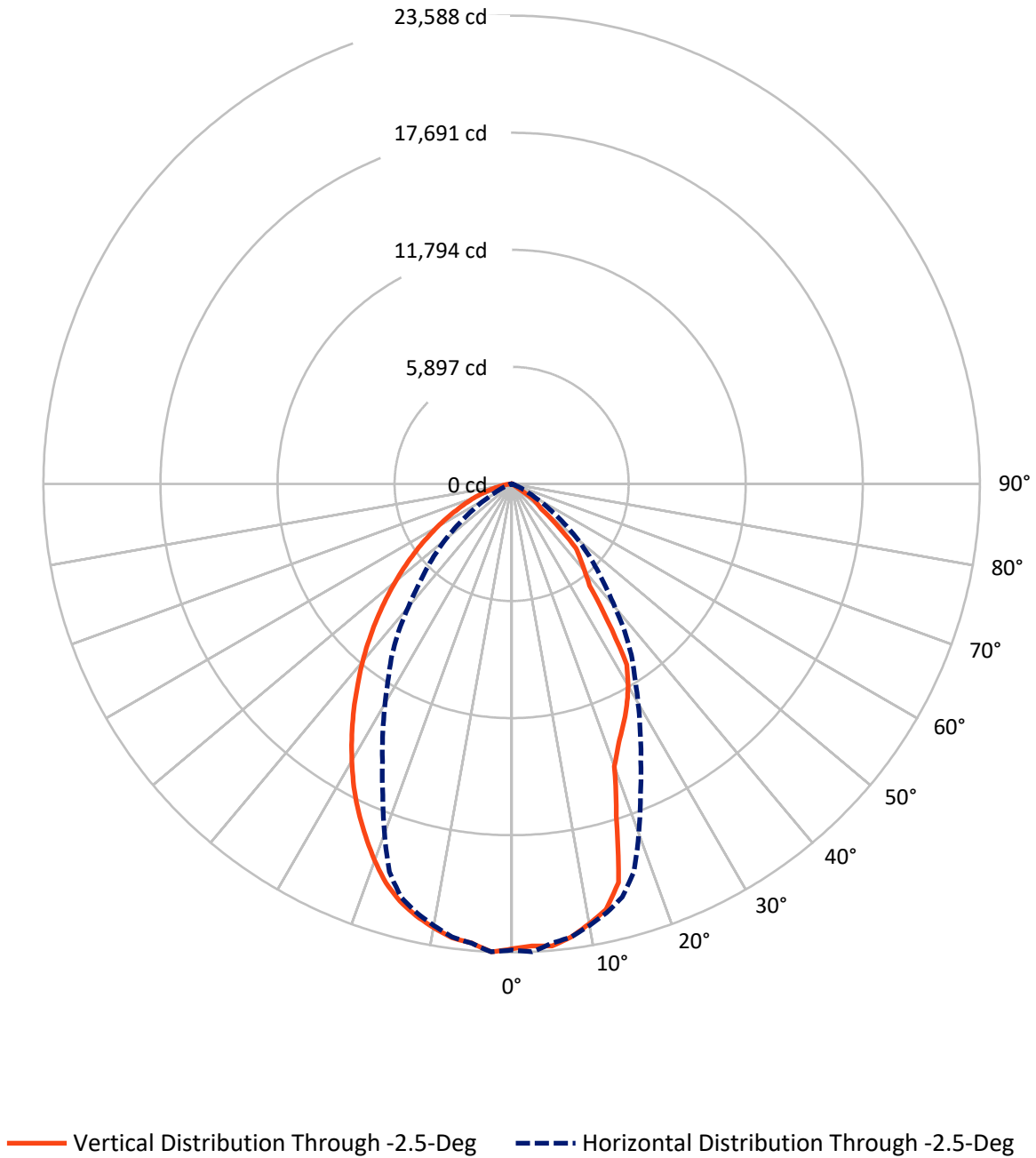
CATALOG NUMBER: GFLD-SA5E-735-U-VWR-VSR-XX

### Lumen Table

90																			
80	0.1	0.2		0.2		0.3		0.4		0.3		0.2		0.2		0.1			
70																			
60	0.2	0.1	0.1	0.2	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.2	0.1	0.1	0.2			
50		0.3	0.6	2.9	8.6	16.6	24.5	30.6	30.6	24.5	16.6	8.6	2.9	0.6	0.3				
40	0.5	0.6	3.5	16.1	39.0	70.3	103.8	127.1	127.1	103.8	70.3	39.0	16.1	3.5	0.6	0.5			
30		1.5	11.7	40.9	91.2	147.9	221.8	259.3	259.3	221.8	147.9	91.2	40.9	11.7	1.5				
20	1.0	3.5	22.7	72.4	147.0	233.1	349.6	401.8	401.8	349.6	233.1	147.0	72.4	22.7	3.5	1.0			
10		6.0	34.8	107.2	211.8	348.5	518.9	595.0	595.0	518.9	348.5	211.8	107.2	34.8	6.0				
0	1.6	8.1	45.1	127.3	253.3	416.5	612.7	695.3	695.3	612.7	416.5	253.3	127.3	45.1	8.1	1.6			
-10		9.7	49.8	132.2	260.0	426.0	617.2	697.9	697.9	617.2	426.0	260.0	132.2	49.8	9.7				
-20	2.0	10.1	48.6	125.2	245.2	398.9	572.8	647.2	647.2	572.8	398.9	245.2	125.2	48.6	10.1	2.0			
-30		9.2	42.6	109.2	211.8	339.1	480.2	543.9	543.9	480.2	339.1	211.8	109.2	42.6	9.2				
-40	2.0	7.7	33.9	85.8	166.6	261.6	366.8	415.2	415.2	366.8	261.6	166.6	85.8	33.9	7.7	2.0			
-50		6.2	25.1	61.2	119.4	184.0	253.8	288.1	288.1	253.8	184.0	119.4	61.2	25.1	6.2				
-60	1.5	4.6	16.4	39.3	74.2	114.2	155.2	176.9	176.9	155.2	114.2	74.2	39.3	16.4	4.6	1.5			
-70		3.3	9.9	23.0	40.8	60.6	80.2	90.8	90.8	80.2	60.6	40.8	23.0	9.9	3.3				
-80	0.6	7.4		33.9		74.0		82.7		74.0		33.9		7.4		0.6			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

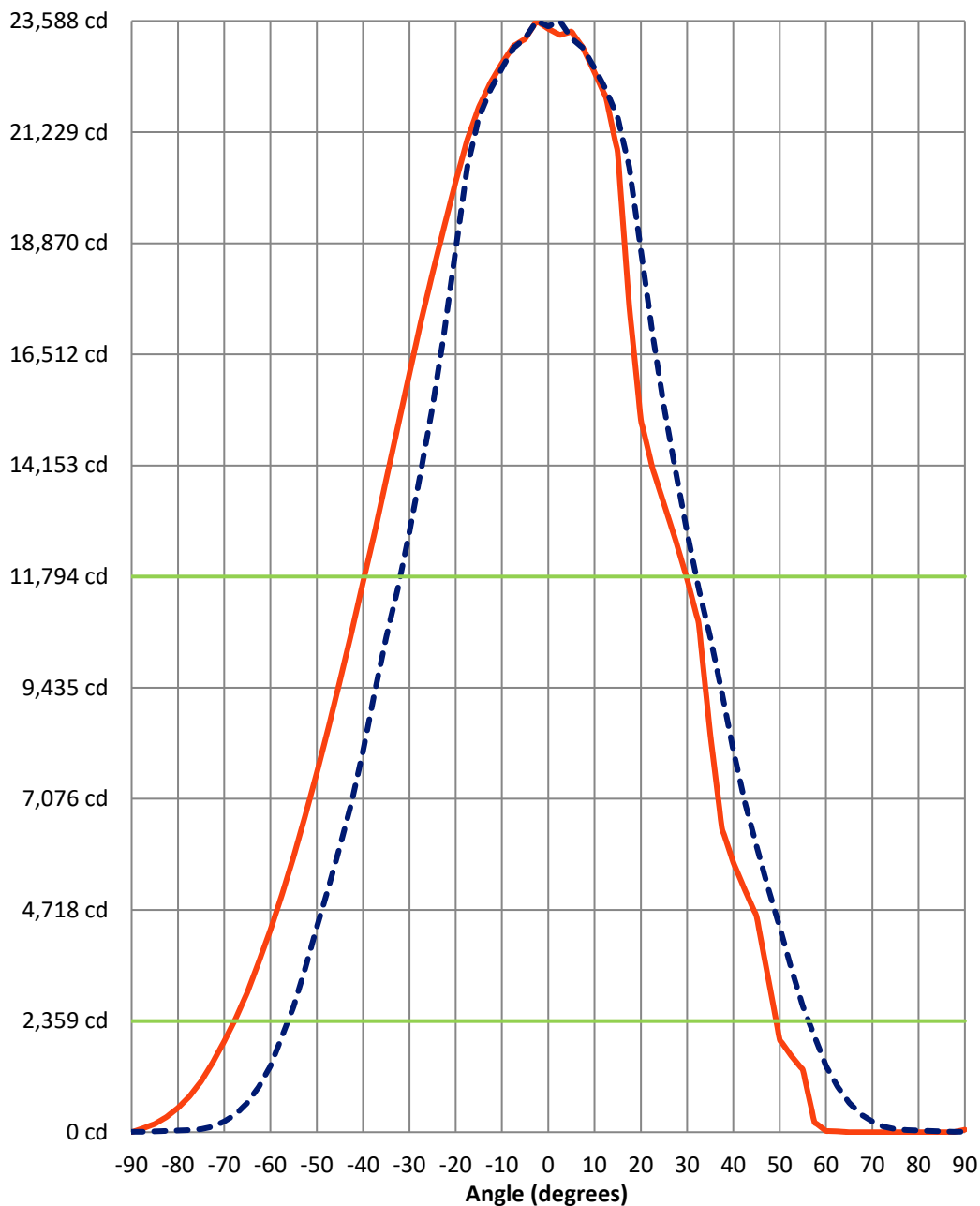
REPORT NUMBER: P627760 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5E-735-U-VWR-VSR-XX

### Luminous Intensity Polar Plot



REPORT NUMBER: P627760 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-735-U-VWR-VSR-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 63.9°  
 V Angle: 69.6°  
 Lumens: 18212.6  
 Efficiency: 57.9%

**Field:**  
 H Angle: 112.5°  
 V Angle: 117.1°  
 Lumens: 29871.4  
 Efficiency: 94.9%

**Spill:**  
 Lumens: 1607.4  
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg  
 - - - Horizontal Distribution through -2.5-Deg

Classified

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

Scaled Data Report



REPORT NUMBER: P627760 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-VWR-VSR-XX

FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	8.8	8.8	8.8	11.0	13.2	15.4	17.6	19.8	22.0	24.2	26.4
87.5°	8.8	8.8	8.8	8.5	8.0	7.4	6.5	4.6	2.9	1.4	0.0
85°	8.8	8.8	8.8	8.2	7.3	6.0	4.3	2.7	1.4	0.5	0.0
82.5°	8.8	8.8	8.8	8.0	6.6	4.6	2.1	0.7	0.2	1.3	2.3
80°	8.8	8.8	8.8	7.7	5.8	3.3	0.5	1.7	3.2	4.6	6.0
77.5°	8.8	8.8	8.8	7.5	5.2	2.9	2.7	4.3	6.1	7.9	8.0
75°	8.8	8.8	8.8	7.3	4.8	4.3	4.9	6.9	8.7	7.2	4.6
72.5°	8.8	8.8	8.8	7.1	5.6	5.7	7.0	8.7	7.5	5.1	1.5
70°	8.8	8.8	8.8	7.0	6.3	7.0	8.8	8.3	6.5	3.4	4.0
67.5°	8.8	8.8	8.8	7.3	7.0	8.2	9.1	8.1	5.7	6.8	7.9
65°	8.8	8.8	8.8	7.6	7.7	9.1	9.4	8.0	8.8	10.3	10.9
62.5°	8.8	8.8	8.8	7.9	8.3	9.8	9.9	9.9	11.8	13.3	12.1
60°	8.8	8.8	8.8	8.1	8.8	10.6	10.5	12.6	14.9	15.3	13.8
57.5°	8.8	8.8	8.9	8.3	9.6	11.4	12.5	15.2	17.4	17.6	17.2
55°	8.8	8.8	9.0	8.5	10.5	12.3	14.8	17.8	20.1	20.4	21.4
52.5°	8.8	8.8	9.2	8.7	11.4	13.5	16.9	20.4	22.9	24.2	25.5
50°	8.8	8.8	9.4	8.7	12.4	15.3	19.1	22.9	26.1	27.9	29.7
47.5°	8.8	8.8	9.6	9.0	13.4	17.0	21.2	25.3	29.4	31.7	33.8
45°	8.8	8.8	9.9	9.8	14.5	18.7	23.3	27.8	32.5	35.3	37.9
42.5°	8.8	8.8	10.1	10.6	15.6	20.4	25.3	30.4	35.7	39.0	46.0
40°	8.8	8.8	10.5	11.7	16.8	22.1	27.3	33.4	39.2	42.6	54.9
37.5°	8.8	8.8	10.8	12.9	18.1	23.6	29.2	36.5	42.9	48.4	64.0
35°	8.8	8.8	11.2	14.0	19.3	25.2	31.0	39.7	46.8	59.5	81.4
32.5°	8.8	8.8	11.6	15.1	20.5	26.6	33.0	43.0	50.8	72.6	116.2
30°	8.8	8.8	12.0	16.2	21.6	28.1	35.7	46.4	55.0	87.4	150.0
27.5°	8.8	8.8	12.5	17.3	23.0	29.4	38.3	49.8	62.3	103.9	182.8
25°	8.8	8.8	12.9	18.3	24.4	30.7	40.9	53.2	75.0	128.0	214.8
22.5°	8.8	8.8	13.4	19.3	25.7	32.1	43.4	56.7	88.4	154.5	257.2
20°	8.8	8.8	13.9	20.3	27.0	33.7	46.0	60.1	102.4	179.6	299.3
17.5°	8.8	8.8	14.4	21.2	28.2	35.2	48.5	63.6	116.6	203.3	340.7
15°	8.8	8.8	14.9	22.1	29.4	36.7	50.9	68.0	130.8	225.5	381.0
12.5°	8.8	8.8	15.4	22.9	30.5	38.1	53.2	74.1	146.7	246.1	419.5
10°	8.8	8.8	15.8	23.7	31.6	39.4	55.3	80.6	163.5	270.1	458.1
7.5°	8.8	8.8	16.3	24.4	32.6	40.7	57.2	87.1	179.5	293.3	498.8
5°	8.8	8.8	16.8	25.1	33.5	41.9	58.8	93.6	194.4	314.9	536.1
2.5°	8.8	8.8	17.2	25.8	34.4	43.0	60.3	99.9	208.0	334.6	569.7
0°	8.8	8.8	17.6	26.4	35.2	44.0	61.6	105.7	220.1	352.2	598.8
-2.5°	8.8	8.8	17.6	26.4	35.9	44.9	65.0	116.4	228.8	380.0	625.0
-5°	8.8	8.8	17.5	26.3	36.6	45.8	68.2	126.3	235.9	404.4	646.5
-7.5°	8.8	8.8	17.4	26.2	37.1	46.5	70.9	134.9	241.4	424.3	663.2
-10°	8.8	8.8	17.3	26.0	37.6	47.2	73.2	142.0	245.5	438.7	675.6
-12.5°	8.8	8.8	17.2	25.8	37.8	47.8	74.9	147.3	248.3	446.2	685.1
-15°	8.8	8.8	17.0	25.5	38.0	48.3	76.0	150.5	253.4	445.4	688.7
-17.5°	8.8	8.8	16.8	25.2	37.9	48.6	76.4	153.7	261.0	440.9	684.4
-20°	8.8	8.8	16.5	24.8	37.7	48.9	78.4	156.9	266.0	432.8	671.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627760 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	8.8	8.8	16.3	24.4	37.2	49.1	83.4	158.2	268.1	421.3	650.5
-25°	8.8	8.8	15.9	23.9	36.5	52.4	87.5	157.8	267.3	406.3	620.0
-27.5°	8.8	8.8	15.6	23.4	35.6	56.5	90.7	155.4	263.6	393.6	597.7
-30°	8.8	8.8	15.2	22.8	34.8	60.0	92.9	151.1	258.6	387.9	572.7
-32.5°	8.8	8.8	14.8	22.2	36.1	62.9	94.1	151.3	252.3	378.2	544.5
-35°	8.8	8.8	14.4	21.6	37.0	65.2	96.6	152.1	243.6	364.5	513.1
-37.5°	8.8	8.8	14.0	20.9	37.6	66.7	99.2	151.5	232.3	346.8	499.1
-40°	8.8	8.8	13.5	20.2	37.9	67.2	100.7	149.5	218.6	329.9	483.5
-42.5°	8.8	8.8	13.0	19.8	38.2	67.2	101.3	146.1	210.7	316.2	459.5
-45°	8.8	8.8	12.4	19.9	38.4	66.7	100.8	143.0	205.1	299.4	429.4
-47.5°	8.8	8.8	11.9	19.8	38.1	65.7	99.3	140.9	197.7	279.2	405.6
-50°	8.8	8.8	11.3	19.5	37.4	64.2	97.2	137.4	191.9	271.9	377.3
-52.5°	8.8	8.8	10.7	19.1	36.3	62.2	94.5	132.6	186.9	262.3	347.0
-55°	8.8	8.8	10.1	18.6	34.7	59.7	91.1	126.6	180.8	250.4	332.5
-57.5°	8.8	8.8	9.4	17.9	32.7	56.4	87.1	121.3	172.3	237.9	315.4
-60°	8.8	8.8	8.8	17.1	30.4	52.6	82.3	115.4	161.6	223.1	295.6
-62.5°	8.8	8.8	8.8	16.2	28.8	48.1	75.6	107.5	148.1	205.5	272.6
-65°	8.8	8.8	8.8	15.1	26.9	43.1	68.2	97.4	131.9	182.4	246.5
-67.5°	8.8	8.8	8.8	14.0	24.8	38.7	60.0	85.5	113.2	155.3	211.8
-70°	8.8	8.8	8.8	12.7	22.6	35.2	51.0	72.8	97.0	125.2	171.2
-72.5°	8.8	8.8	8.8	12.4	20.1	31.4	45.0	59.5	80.0	103.8	131.0
-75°	8.8	8.8	8.8	12.3	17.5	27.3	39.2	50.2	62.2	81.8	104.1
-77.5°	8.8	8.8	8.8	12.2	16.6	23.1	33.1	42.2	51.6	61.9	76.3
-80°	8.8	8.8	8.8	12.0	16.0	20.8	26.8	34.0	41.6	49.9	58.8
-82.5°	8.8	8.8	8.8	11.8	15.4	19.5	24.2	27.6	31.4	37.6	44.3
-85°	8.8	8.8	8.8	11.5	14.7	18.2	22.1	25.0	28.0	30.9	33.8
-87.5°	8.8	8.8	8.8	11.3	14.0	16.8	19.9	22.4	25.0	27.5	30.1
-90°	8.8	8.8	8.8	8.8	8.8	8.8	8.8	6.6	4.4	2.2	0.0





REPORT NUMBER: P627760 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	28.6	30.8	33.0
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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	2.6	2.3	1.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	5.8	4.7	2.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	5.0	2.5	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.9	0.1	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.5	2.5	2.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	5.0	5.4	3.6	1.5	0.0	0.5	1.3	0.9	0.0	0.4	1.1
67.5°	8.2	6.1	4.0	2.5	3.3	4.4	4.2	4.5	4.8	5.2	4.5
65°	8.6	6.5	6.6	7.7	8.6	9.5	10.3	10.9	9.1	7.9	8.1
62.5°	9.2	9.9	11.4	12.8	14.1	15.3	15.4	13.7	10.4	13.0	14.9
60°	13.1	14.4	16.2	18.0	19.7	20.7	19.8	20.0	22.2	25.8	49.5
57.5°	17.6	18.8	21.0	23.8	26.2	26.6	27.4	29.8	69.8	114.0	125.9
55°	22.2	23.2	26.9	31.3	33.8	33.6	48.3	101.8	153.7	212.9	234.7
52.5°	26.8	28.7	35.0	40.2	43.5	67.9	122.3	195.0	271.5	339.5	427.4
50°	31.3	37.7	44.2	51.9	82.8	146.2	225.9	325.0	440.3	549.0	660.3
47.5°	39.2	47.1	57.1	81.9	163.3	251.4	361.5	521.0	663.3	794.8	947.4
45°	48.4	65.1	76.1	162.2	256.8	370.4	556.8	751.8	881.0	1057.0	1326.9
42.5°	58.0	90.1	145.4	245.0	360.3	543.5	774.7	940.9	1112.7	1397.9	1681.8
40°	83.4	120.8	219.5	337.9	484.0	751.1	988.4	1176.5	1411.1	1727.3	2023.7
37.5°	114.3	184.4	294.9	437.0	677.9	970.7	1224.9	1493.7	1763.3	2061.4	2611.2
35°	148.7	243.4	390.6	582.2	872.1	1214.3	1517.3	1817.6	2128.4	2715.5	3260.9
32.5°	193.5	297.8	490.6	751.1	1081.9	1457.6	1809.3	2156.5	2654.9	3319.3	3866.6
30°	241.7	385.1	605.6	907.4	1279.4	1680.3	2103.2	2523.6	3183.3	3733.0	4327.3
27.5°	292.1	477.3	740.5	1070.6	1464.4	1890.6	2367.9	2967.6	3555.9	4099.1	4752.1
25°	343.8	573.4	863.9	1226.8	1646.4	2117.8	2666.8	3397.2	3857.5	4457.7	5138.9
22.5°	410.3	665.3	986.1	1368.3	1815.1	2351.3	3051.4	3784.9	4326.6	4831.4	5496.9
20°	487.2	768.7	1119.0	1545.6	1980.3	2579.4	3433.9	4205.3	4842.4	5420.5	6031.8
17.5°	559.0	865.4	1261.2	1726.7	2220.7	2871.7	3809.1	4662.9	5364.0	6008.2	6771.3
15°	625.5	954.9	1400.4	1898.1	2457.1	3206.5	4145.6	5083.3	5883.9	6608.8	7475.9
12.5°	686.2	1036.7	1534.5	2058.4	2679.6	3495.1	4428.2	5343.4	6223.3	7167.9	8152.0
10°	741.0	1110.2	1661.2	2206.5	2885.9	3739.2	4661.7	5560.3	6448.1	7447.7	8541.1
7.5°	799.7	1178.9	1776.2	2341.0	3073.7	3940.9	4848.2	5734.3	6629.7	7671.5	8793.9
5°	854.0	1242.1	1867.6	2437.4	3218.7	4098.2	4988.6	5866.5	6767.6	7838.2	8985.4
2.5°	901.7	1295.3	1942.0	2513.0	3326.3	4214.0	5079.7	5976.7	6869.9	7973.7	9131.7
0°	942.2	1338.4	1998.8	2571.1	3407.6	4296.9	5133.4	6049.2	6929.7	8065.6	9227.9
-2.5°	968.1	1409.1	2037.8	2672.4	3478.6	4351.2	5181.4	6069.5	6994.1	8094.7	9335.8
-5°	986.3	1466.3	2061.3	2750.5	3525.1	4375.1	5197.3	6053.7	7011.3	8087.3	9351.8
-7.5°	996.8	1506.7	2072.3	2794.8	3541.4	4360.7	5170.5	6023.9	6983.2	8059.6	9281.8
-10°	1002.9	1519.4	2087.2	2781.4	3519.9	4313.5	5110.9	5954.0	6903.3	7969.6	9149.0
-12.5°	1019.5	1511.3	2084.7	2751.9	3473.6	4242.2	5022.6	5843.2	6770.2	7816.0	8965.3
-15°	1023.7	1493.1	2059.6	2708.3	3402.9	4149.0	4907.0	5691.3	6606.1	7666.3	8762.2
-17.5°	1014.4	1465.8	2010.8	2652.7	3308.1	4035.9	4770.8	5554.6	6452.1	7493.7	8548.9
-20°	990.9	1430.2	1937.2	2587.0	3195.6	3910.2	4634.5	5411.1	6275.1	7254.2	8310.3



REPORT NUMBER: P627760 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	952.2	1387.4	1857.5	2495.4	3098.5	3766.0	4474.6	5215.7	6053.4	6943.6	7989.4
-25°	912.4	1338.9	1794.7	2369.4	2981.6	3597.5	4291.0	4976.7	5792.9	6667.1	7595.1
-27.5°	874.6	1271.2	1729.4	2231.4	2844.1	3417.6	4083.3	4752.2	5499.8	6356.7	7211.2
-30°	825.2	1198.1	1649.6	2098.8	2679.5	3248.2	3851.7	4510.0	5182.3	5995.5	6836.2
-32.5°	781.5	1122.1	1558.9	1997.6	2502.7	3057.3	3602.0	4229.4	4885.6	5578.8	6409.5
-35°	752.3	1077.1	1462.7	1880.9	2322.2	2849.8	3367.8	3912.9	4548.4	5199.0	5928.4
-37.5°	728.7	1025.5	1361.4	1759.2	2179.3	2632.0	3117.1	3618.6	4173.1	4829.0	5514.8
-40°	691.5	967.3	1286.4	1643.3	2013.9	2425.5	2875.8	3329.8	3810.4	4451.2	5127.9
-42.5°	643.9	911.0	1215.7	1517.1	1855.7	2231.4	2631.6	3059.2	3521.2	4077.8	4699.7
-45°	607.2	839.0	1137.1	1407.0	1687.4	2031.0	2406.8	2794.0	3229.8	3707.7	4266.3
-47.5°	560.7	760.7	1034.3	1286.6	1533.5	1826.9	2170.6	2537.1	2923.0	3353.7	3811.5
-50°	510.9	695.4	908.6	1154.2	1389.6	1633.6	1926.8	2265.7	2615.9	2991.2	3399.7
-52.5°	473.1	619.1	813.6	1018.0	1242.5	1463.8	1713.4	2004.0	2316.7	2630.3	2989.6
-55°	430.3	562.8	723.2	906.4	1097.5	1302.3	1529.5	1784.2	2039.1	2327.2	2613.9
-57.5°	400.2	508.7	647.7	806.9	978.6	1152.7	1367.1	1582.3	1818.4	2056.8	2294.6
-60°	376.7	462.0	577.3	717.5	870.5	1033.2	1209.2	1408.0	1611.2	1805.8	2011.4
-62.5°	349.8	424.0	514.1	628.5	766.7	908.3	1063.3	1233.6	1417.5	1581.4	1740.7
-65°	315.0	379.4	456.8	549.9	658.4	778.1	910.2	1053.8	1212.7	1345.7	1475.9
-67.5°	275.0	329.3	394.2	470.2	560.7	654.1	751.1	872.5	1001.5	1110.0	1216.1
-70°	224.8	275.0	328.0	390.0	461.0	540.2	625.5	713.6	801.9	890.5	987.5
-72.5°	172.0	217.8	262.7	307.0	363.5	428.3	497.9	571.8	648.9	724.7	798.4
-75°	131.2	160.8	200.1	240.0	279.2	321.5	368.5	427.3	498.9	572.4	639.8
-77.5°	99.0	123.9	150.1	177.5	202.3	233.4	267.4	303.9	363.1	430.9	499.4
-80°	71.4	86.4	107.2	129.3	146.7	163.8	181.7	200.2	244.1	298.8	357.2
-82.5°	53.0	63.2	74.8	87.6	96.4	105.0	114.5	126.7	159.3	196.2	235.2
-85°	36.5	39.5	45.7	52.9	57.8	62.8	67.9	73.1	90.7	110.4	131.5
-87.5°	31.5	33.0	34.7	36.5	37.1	37.7	38.3	38.8	44.8	51.0	57.4
-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: P627760 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-735-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	35.2	37.4	39.6	41.8	44.0	46.2	48.4	50.6	52.8	52.8	52.8
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°	0.8	0.0	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	4.0	4.5	4.6	3.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0
65°	9.3	8.9	6.6	4.3	2.1	3.3	5.3	6.3	6.4	5.8	4.4
62.5°	13.9	12.8	11.6	13.4	16.0	18.5	17.8	16.8	15.6	14.9	15.4
60°	52.1	34.7	40.1	50.4	47.1	32.2	53.0	60.0	51.1	35.0	33.8
57.5°	132.0	127.4	146.0	213.2	234.6	213.8	255.4	310.1	308.5	265.6	264.3
55°	281.2	377.3	493.2	512.0	592.7	754.5	880.5	825.3	824.9	866.4	1000.2
52.5°	534.1	624.8	658.6	748.6	917.4	1039.8	1118.5	1199.9	1289.2	1380.3	1472.6
50°	783.9	871.9	971.9	1064.2	1297.7	1423.3	1402.3	1571.0	1786.9	1921.8	1991.1
47.5°	1149.8	1288.5	1499.8	1830.7	2005.0	2131.0	2287.7	2478.8	2726.2	3061.6	3320.0
45°	1580.6	1798.8	2125.6	2477.3	2747.7	2871.0	3050.3	3346.2	3740.6	4124.6	4405.0
42.5°	1932.8	2232.1	2600.8	2936.7	3157.3	3359.7	3591.9	3841.4	4293.2	4703.4	5027.5
40°	2392.3	2625.4	3039.0	3355.8	3553.3	3753.9	4121.9	4495.3	4920.2	5302.3	5567.8
37.5°	2974.7	3237.1	3667.3	4025.5	4215.7	4286.7	4912.3	5432.3	5777.5	6265.3	6424.8
35°	3600.4	4032.3	4580.5	5045.0	5231.5	5603.6	6248.1	6973.6	7759.6	8048.7	8295.1
32.5°	4298.5	4831.4	5575.3	6073.7	6339.7	6904.4	7720.2	8494.5	9522.3	10080.1	10246.9
30°	4937.1	5548.6	6188.0	6672.4	7127.3	7807.4	8551.3	9506.1	10456.5	11169.8	11391.3
27.5°	5405.8	6082.4	6697.1	7150.7	7664.0	8397.3	9324.8	10291.8	11224.6	11952.3	12210.9
25°	5853.2	6617.9	7104.6	7632.1	8234.8	9034.0	10061.8	11136.1	12055.0	12670.0	12987.1
22.5°	6362.0	7116.1	7638.6	8085.4	8873.3	9794.2	10748.3	11962.3	12935.8	13426.5	13770.3
20°	6887.2	7740.4	8547.5	8963.1	9644.9	10810.8	11878.9	13025.0	13965.1	14476.4	14838.6
17.5°	7620.0	8707.3	9697.2	10285.6	11015.8	12409.9	13742.7	14902.0	16209.8	16671.7	17114.2
15°	8392.7	9651.1	10810.7	11743.0	12686.1	14067.5	15783.1	17182.1	18674.3	19340.7	20094.1
12.5°	9163.0	10353.8	11404.3	12607.1	13936.3	15158.2	16791.6	18533.7	19887.8	20737.7	21244.9
10°	9738.7	10844.6	11855.6	13061.2	14388.0	15770.2	17393.3	19179.1	20596.5	21321.8	21735.7
7.5°	10049.6	11108.1	12174.4	13396.1	14716.9	16189.0	17861.3	19633.0	21082.4	21785.1	22193.8
5°	10280.4	11297.0	12401.1	13687.2	15022.6	16515.3	18185.3	19936.0	21257.5	22004.3	22521.1
2.5°	10420.1	11416.8	12545.6	13875.3	15214.0	16768.7	18519.3	20334.0	21490.3	22091.1	22566.5
0°	10460.6	11464.4	12626.7	13973.9	15347.5	16914.8	18649.4	20445.7	21616.8	22197.9	22682.2
-2.5°	10506.2	11539.7	12733.9	14037.7	15399.7	16962.6	18733.2	20483.5	21537.0	22123.4	22584.1
-5°	10474.4	11545.5	12736.1	13984.9	15355.8	16906.2	18606.1	20242.6	21344.6	21978.6	22436.7
-7.5°	10379.6	11466.0	12644.2	13844.5	15189.3	16757.3	18449.9	20025.8	21142.2	21810.7	22312.0
-10°	10241.7	11296.3	12482.8	13698.3	15027.0	16519.6	18186.1	19752.7	20821.1	21531.0	22115.2
-12.5°	10088.8	11121.6	12265.1	13431.1	14745.2	16219.4	17834.1	19317.0	20379.1	21153.4	21570.9
-15°	9862.3	10894.5	11987.7	13115.5	14396.4	15826.5	17369.0	18791.7	19834.7	20464.7	20926.1
-17.5°	9574.2	10587.0	11623.4	12693.1	13899.9	15308.2	16860.1	18263.2	19113.4	19676.1	20129.6
-20°	9265.6	10202.2	11184.1	12193.4	13363.1	14758.3	16282.3	17506.2	18307.6	18848.3	19276.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627760 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	8913.1	9815.1	10713.8	11678.7	12825.6	14104.8	15451.0	16633.7	17495.3	17987.7	18383.4
-25°	8510.8	9388.1	10241.7	11173.6	12227.6	13377.4	14629.2	15791.4	16563.0	17086.1	17478.5
-27.5°	8077.5	8901.7	9735.5	10572.4	11520.0	12665.6	13824.8	14904.5	15563.2	16090.4	16485.1
-30°	7645.0	8386.4	9157.8	9950.1	10839.4	11872.3	12956.6	13864.5	14559.1	15071.4	15437.9
-32.5°	7176.2	7879.8	8563.2	9303.7	10141.1	11051.4	12003.0	12866.6	13608.9	14078.1	14386.9
-35°	6696.2	7377.3	8002.8	8674.9	9413.4	10199.1	11077.4	11929.2	12662.2	13033.4	13334.5
-37.5°	6196.1	6875.2	7468.3	8029.7	8666.0	9393.5	10249.1	11061.8	11695.0	12014.1	12285.5
-40°	5761.3	6359.2	6893.0	7430.3	7947.5	8593.6	9392.0	10178.9	10687.0	10997.9	11249.9
-42.5°	5339.2	5843.5	6280.7	6762.3	7280.0	7916.9	8561.1	9220.8	9629.3	9974.5	10239.9
-45°	4847.6	5298.4	5708.3	6108.9	6581.1	7162.5	7747.7	8276.2	8658.7	8992.3	9250.8
-47.5°	4303.9	4739.1	5137.1	5495.3	5934.1	6419.1	6911.8	7351.6	7729.3	8059.0	8289.6
-50°	3797.1	4185.9	4574.6	4937.0	5317.3	5709.7	6109.4	6495.4	6853.9	7174.2	7370.5
-52.5°	3343.1	3701.9	4041.6	4358.5	4691.3	5022.8	5353.8	5707.3	6037.2	6340.4	6497.1
-55°	2932.4	3255.9	3562.4	3829.4	4096.4	4359.3	4643.0	4969.4	5273.2	5554.0	5666.5
-57.5°	2563.7	2840.6	3111.8	3337.6	3555.5	3764.7	4013.8	4289.3	4555.2	4795.8	4887.9
-60°	2224.6	2444.3	2671.1	2871.4	3061.3	3240.7	3457.9	3679.8	3895.4	4076.8	4155.2
-62.5°	1912.6	2100.6	2272.4	2435.2	2596.1	2757.6	2932.9	3108.8	3283.0	3422.8	3493.6
-65°	1611.9	1761.5	1899.6	2033.4	2163.4	2299.0	2436.2	2570.0	2698.9	2798.8	2860.1
-67.5°	1329.5	1443.3	1552.8	1657.2	1765.9	1875.8	1983.2	2085.6	2182.5	2259.7	2318.3
-70°	1079.3	1167.3	1253.0	1339.4	1430.1	1515.6	1596.5	1673.1	1745.2	1800.9	1846.0
-72.5°	870.0	941.4	1015.4	1093.2	1166.5	1230.4	1288.5	1344.6	1398.2	1429.7	1453.2
-75°	701.3	761.5	825.9	888.8	950.1	998.6	1041.3	1082.6	1122.4	1124.5	1116.5
-77.5°	566.6	620.3	670.2	719.6	768.5	798.4	824.6	851.5	878.6	862.9	838.1
-80°	415.8	460.6	502.9	545.5	588.0	605.7	618.1	628.8	637.9	617.3	591.9
-82.5°	276.0	304.2	331.7	359.7	388.1	399.5	407.9	414.9	420.5	401.9	380.5
-85°	154.0	167.5	180.8	194.2	207.7	215.7	222.9	229.5	235.6	224.6	212.0
-87.5°	64.0	67.1	70.1	73.0	75.9	78.7	81.5	84.2	86.9	87.3	87.6
-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: P627760 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-735-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	50.6
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°	2.6	0.4	0.0	0.0	0.0	0.4	2.6	4.4	5.8	6.4	6.3
62.5°	16.1	16.8	17.4	17.6	17.4	16.8	16.1	15.4	14.9	15.6	16.8
60°	31.1	27.2	26.3	26.4	26.3	27.2	31.1	33.8	35.0	51.1	60.0
57.5°	244.1	208.9	214.2	237.7	214.2	208.9	244.1	264.3	265.6	308.5	310.1
55°	1140.7	1273.4	1320.2	1294.4	1320.2	1273.4	1140.7	1000.2	866.4	824.9	825.3
52.5°	1545.5	1599.9	1620.9	1620.2	1620.9	1599.9	1545.5	1472.6	1380.3	1289.2	1199.9
50°	2012.0	1993.7	1965.3	1937.1	1965.3	1993.7	2012.0	1991.1	1921.8	1786.9	1571.0
47.5°	3357.8	3299.6	3275.1	3319.6	3275.1	3299.6	3357.8	3320.0	3061.6	2726.2	2478.8
45°	4462.2	4530.3	4581.3	4578.7	4581.3	4530.3	4462.2	4405.0	4124.6	3740.6	3346.2
42.5°	5091.0	5127.3	5137.8	5124.6	5137.8	5127.3	5091.0	5027.5	4703.4	4293.2	3841.4
40°	5651.3	5694.7	5719.0	5741.0	5719.0	5694.7	5651.3	5567.8	5302.3	4920.2	4495.3
37.5°	6477.4	6493.3	6458.7	6436.6	6458.7	6493.3	6477.4	6424.8	6265.3	5777.5	5432.3
35°	8502.9	8544.4	8448.4	8549.9	8448.4	8544.4	8502.9	8295.1	8048.7	7759.6	6973.6
32.5°	10445.5	10639.9	10797.1	10927.3	10797.1	10639.9	10445.5	10246.9	10080.1	9522.3	8494.5
30°	11545.9	11671.3	11738.7	11754.9	11738.7	11671.3	11545.9	11391.3	11169.8	10456.5	9506.1
27.5°	12353.8	12485.2	12567.0	12626.7	12567.0	12485.2	12353.8	12210.9	11952.3	11224.6	10291.8
25°	13132.4	13252.6	13334.5	13366.3	13334.5	13252.6	13132.4	12987.1	12670.0	12055.0	11136.1
22.5°	13940.4	14024.0	14102.6	14141.2	14102.6	14024.0	13940.4	13770.3	13426.5	12935.8	11962.3
20°	15098.7	15053.3	15125.0	15100.9	15125.0	15053.3	15098.7	14838.6	14476.4	13965.1	13025.0
17.5°	17459.2	17483.7	17531.7	17610.4	17531.7	17483.7	17459.2	17114.2	16671.7	16209.8	14902.0
15°	20427.9	20487.6	20791.2	21062.0	20791.2	20487.6	20427.9	20094.1	19340.7	18674.3	17182.1
12.5°	21715.5	21922.2	21954.3	22030.6	21954.3	21922.2	21715.5	21244.9	20737.7	19887.8	18533.7
10°	22145.3	22503.2	22495.5	22585.3	22495.5	22503.2	22145.3	21735.7	21321.8	20596.5	19179.1
7.5°	22471.2	22855.7	23018.1	23087.2	23018.1	22855.7	22471.2	22193.8	21785.1	21082.4	19633.0
5°	22869.4	23080.7	23361.1	23281.0	23361.1	23080.7	22869.4	22521.1	22004.3	21257.5	19936.0
2.5°	23036.2	23367.3	23290.9	23369.0	23290.9	23367.3	23036.2	22566.5	22091.1	21490.3	20334.0
0°	23148.9	23386.6	23421.8	23501.1	23421.8	23386.6	23148.9	22682.2	22197.9	21616.8	20445.7
-2.5°	23012.3	23221.5	23588.0	23474.7	23588.0	23221.5	23012.3	22584.1	22123.4	21537.0	20483.5
-5°	22892.6	23407.5	23207.6	23457.1	23207.6	23407.5	22892.6	22436.7	21978.6	21344.6	20242.6
-7.5°	22830.8	22922.9	23055.6	23245.7	23055.6	22922.9	22830.8	22312.0	21810.7	21142.2	20025.8
-10°	22352.9	22447.1	22690.9	22823.1	22690.9	22447.1	22352.9	22115.2	21531.0	20821.1	19752.7
-12.5°	21834.6	22016.9	22273.1	22356.4	22273.1	22016.9	21834.6	21570.9	21153.4	20379.1	19317.0
-15°	21237.5	21508.4	21758.1	21810.5	21758.1	21508.4	21237.5	20926.1	20464.7	19834.7	18791.7
-17.5°	20478.2	20803.0	21065.4	21123.7	21065.4	20803.0	20478.2	20129.6	19676.1	19113.4	18263.2
-20°	19641.7	19952.8	20176.0	20243.2	20176.0	19952.8	19641.7	19276.4	18848.3	18307.6	17506.2



REPORT NUMBER: P627760 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-735-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	18746.0	19026.2	19214.8	19186.5	19214.8	19026.2	18746.0	18383.4	17987.7	17495.3	16633.7
-25°	17795.1	18055.0	18234.7	18209.2	18234.7	18055.0	17795.1	17478.5	17086.1	16563.0	15791.4
-27.5°	16789.8	17036.0	17208.7	17214.2	17208.7	17036.0	16789.8	16485.1	16090.4	15563.2	14904.5
-30°	15733.3	15957.0	16097.2	16043.1	16097.2	15957.0	15733.3	15437.9	15071.4	14559.1	13864.5
-32.5°	14643.8	14846.1	14974.6	15012.9	14974.6	14846.1	14643.8	14386.9	14078.1	13608.9	12866.6
-35°	13569.0	13747.4	13858.4	13885.8	13858.4	13747.4	13569.0	13334.5	13033.4	12662.2	11929.2
-37.5°	12501.3	12654.7	12732.3	12697.1	12732.3	12654.7	12501.3	12285.5	12014.1	11695.0	11061.8
-40°	11446.0	11592.1	11681.0	11702.1	11681.0	11592.1	11446.0	11249.9	10997.9	10687.0	10178.9
-42.5°	10408.6	10530.1	10608.0	10645.5	10608.0	10530.1	10408.6	10239.9	9974.5	9629.3	9220.8
-45°	9401.7	9510.3	9583.5	9624.1	9583.5	9510.3	9401.7	9250.8	8992.3	8658.7	8276.2
-47.5°	8422.1	8517.3	8580.5	8611.5	8580.5	8517.3	8422.1	8289.6	8059.0	7729.3	7351.6
-50°	7485.3	7567.8	7626.6	7660.5	7626.6	7567.8	7485.3	7370.5	7174.2	6853.9	6495.4
-52.5°	6597.0	6669.0	6719.2	6744.8	6719.2	6669.0	6597.0	6497.1	6340.4	6037.2	5707.3
-55°	5748.6	5807.1	5853.5	5881.9	5853.5	5807.1	5748.6	5666.5	5554.0	5273.2	4969.4
-57.5°	4957.6	5005.3	5049.3	5080.6	5049.3	5005.3	4957.6	4887.9	4795.8	4555.2	4289.3
-60°	4217.1	4262.1	4299.6	4323.4	4299.6	4262.1	4217.1	4155.2	4076.8	3895.4	3679.8
-62.5°	3548.8	3588.7	3623.0	3645.4	3623.0	3588.7	3548.8	3493.6	3422.8	3283.0	3108.8
-65°	2908.4	2944.1	2969.7	2985.0	2969.7	2944.1	2908.4	2860.1	2798.8	2698.9	2570.0
-67.5°	2368.3	2409.5	2417.7	2412.6	2417.7	2409.5	2368.3	2318.3	2259.7	2182.5	2085.6
-70°	1886.3	1921.2	1929.4	1928.3	1929.4	1921.2	1886.3	1846.0	1800.9	1745.2	1673.1
-72.5°	1475.0	1494.0	1477.8	1452.9	1477.8	1494.0	1475.0	1453.2	1429.7	1398.2	1344.6
-75°	1106.8	1094.7	1077.6	1056.6	1077.6	1094.7	1106.8	1116.5	1124.5	1122.4	1082.6
-77.5°	810.6	780.6	761.0	739.6	761.0	780.6	810.6	838.1	862.9	878.6	851.5
-80°	564.4	535.0	514.7	493.1	514.7	535.0	564.4	591.9	617.3	637.9	628.8
-82.5°	357.5	333.3	321.1	308.2	321.1	333.3	357.5	380.5	401.9	420.5	414.9
-85°	198.5	184.3	176.0	167.3	176.0	184.3	198.5	212.0	224.6	235.6	229.5
-87.5°	87.8	88.0	83.6	79.2	83.6	88.0	87.8	87.6	87.3	86.9	84.2
-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: P627760 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-735-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	48.4	46.2	44.0	41.8	39.6	37.4	35.2	33.0	30.8	28.6	26.4
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	0.3	0.2	0.0	0.0	0.8	1.1	0.4	0.0	0.9
67.5°	0.0	0.0	1.6	3.6	4.6	4.5	4.0	4.5	5.2	4.8	4.5
65°	5.3	3.3	2.1	4.3	6.6	8.9	9.3	8.1	7.9	9.1	10.9
62.5°	17.8	18.5	16.0	13.4	11.6	12.8	13.9	14.9	13.0	10.4	13.7
60°	53.0	32.2	47.1	50.4	40.1	34.7	52.1	49.5	25.8	22.2	20.0
57.5°	255.4	213.8	234.6	213.2	146.0	127.4	132.0	125.9	114.0	69.8	29.8
55°	880.5	754.5	592.7	512.0	493.2	377.3	281.2	234.7	212.9	153.7	101.8
52.5°	1118.5	1039.8	917.4	748.6	658.6	624.8	534.1	427.4	339.5	271.5	195.0
50°	1402.3	1423.3	1297.7	1064.2	971.9	871.9	783.9	660.3	549.0	440.3	325.0
47.5°	2287.7	2131.0	2005.0	1830.7	1499.8	1288.5	1149.8	947.4	794.8	663.3	521.0
45°	3050.3	2871.0	2747.7	2477.3	2125.6	1798.8	1580.6	1326.9	1057.0	881.0	751.8
42.5°	3591.9	3359.7	3157.3	2936.7	2600.8	2232.1	1932.8	1681.8	1397.9	1112.7	940.9
40°	4121.9	3753.9	3553.3	3355.8	3039.0	2625.4	2392.3	2023.7	1727.3	1411.1	1176.5
37.5°	4912.3	4286.7	4215.7	4025.5	3667.3	3237.1	2974.7	2611.2	2061.4	1763.3	1493.7
35°	6248.1	5603.6	5231.5	5045.0	4580.5	4032.3	3600.4	3260.9	2715.5	2128.4	1817.6
32.5°	7720.2	6904.4	6339.7	6073.7	5575.3	4831.4	4298.5	3866.6	3319.3	2654.9	2156.5
30°	8551.3	7807.4	7127.3	6672.4	6188.0	5548.6	4937.1	4327.3	3733.0	3183.3	2523.6
27.5°	9324.8	8397.3	7664.0	7150.7	6697.1	6082.4	5405.8	4752.1	4099.1	3555.9	2967.6
25°	10061.8	9034.0	8234.8	7632.1	7104.6	6617.9	5853.2	5138.9	4457.7	3857.5	3397.2
22.5°	10748.3	9794.2	8873.3	8085.4	7638.6	7116.1	6362.0	5496.9	4831.4	4326.6	3784.9
20°	11878.9	10810.8	9644.9	8963.1	8547.5	7740.4	6887.2	6031.8	5420.5	4842.4	4205.3
17.5°	13742.7	12409.9	11015.8	10285.6	9697.2	8707.3	7620.0	6771.3	6008.2	5364.0	4662.9
15°	15783.1	14067.5	12686.1	11743.0	10810.7	9651.1	8392.7	7475.9	6608.8	5883.9	5083.3
12.5°	16791.6	15158.2	13936.3	12607.1	11404.3	10353.8	9163.0	8152.0	7167.9	6223.3	5343.4
10°	17393.3	15770.2	14388.0	13061.2	11855.6	10844.6	9738.7	8541.1	7447.7	6448.1	5560.3
7.5°	17861.3	16189.0	14716.9	13396.1	12174.4	11108.1	10049.6	8793.9	7671.5	6629.7	5734.3
5°	18185.3	16515.3	15022.6	13687.2	12401.1	11297.0	10280.4	8985.4	7838.2	6767.6	5866.5
2.5°	18519.3	16768.7	15214.0	13875.3	12545.6	11416.8	10420.1	9131.7	7973.7	6869.9	5976.7
0°	18649.4	16914.8	15347.5	13973.9	12626.7	11464.4	10460.6	9227.9	8065.6	6929.7	6049.2
-2.5°	18733.2	16962.6	15399.7	14037.7	12733.9	11539.7	10506.2	9335.8	8094.7	6994.1	6069.5
-5°	18606.1	16906.2	15355.8	13984.9	12736.1	11545.5	10474.4	9351.8	8087.3	7011.3	6053.7
-7.5°	18449.9	16757.3	15189.3	13844.5	12644.2	11466.0	10379.6	9281.8	8059.6	6983.2	6023.9
-10°	18186.1	16519.6	15027.0	13698.3	12482.8	11296.3	10241.7	9149.0	7969.6	6903.3	5954.0
-12.5°	17834.1	16219.4	14745.2	13431.1	12265.1	11121.6	10088.8	8965.3	7816.0	6770.2	5843.2
-15°	17369.0	15826.5	14396.4	13115.5	11987.7	10894.5	9862.3	8762.2	7666.3	6606.1	5691.3
-17.5°	16860.1	15308.2	13899.9	12693.1	11623.4	10587.0	9574.2	8548.9	7493.7	6452.1	5554.6
-20°	16282.3	14758.3	13363.1	12193.4	11184.1	10202.2	9265.6	8310.3	7254.2	6275.1	5411.1



REPORT NUMBER: P627760 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	15451.0	14104.8	12825.6	11678.7	10713.8	9815.1	8913.1	7989.4	6943.6	6053.4	5215.7
-25°	14629.2	13377.4	12227.6	11173.6	10241.7	9388.1	8510.8	7595.1	6667.1	5792.9	4976.7
-27.5°	13824.8	12665.6	11520.0	10572.4	9735.5	8901.7	8077.5	7211.2	6356.7	5499.8	4752.2
-30°	12956.6	11872.3	10839.4	9950.1	9157.8	8386.4	7645.0	6836.2	5995.5	5182.3	4510.0
-32.5°	12003.0	11051.4	10141.1	9303.7	8563.2	7879.8	7176.2	6409.5	5578.8	4885.6	4229.4
-35°	11077.4	10199.1	9413.4	8674.9	8002.8	7377.3	6696.2	5928.4	5199.0	4548.4	3912.9
-37.5°	10249.1	9393.5	8666.0	8029.7	7468.3	6875.2	6196.1	5514.8	4829.0	4173.1	3618.6
-40°	9392.0	8593.6	7947.5	7430.3	6893.0	6359.2	5761.3	5127.9	4451.2	3810.4	3329.8
-42.5°	8561.1	7916.9	7280.0	6762.3	6280.7	5843.5	5339.2	4699.7	4077.8	3521.2	3059.2
-45°	7747.7	7162.5	6581.1	6108.9	5708.3	5298.4	4847.6	4266.3	3707.7	3229.8	2794.0
-47.5°	6911.8	6419.1	5934.1	5495.3	5137.1	4739.1	4303.9	3811.5	3353.7	2923.0	2537.1
-50°	6109.4	5709.7	5317.3	4937.0	4574.6	4185.9	3797.1	3399.7	2991.2	2615.9	2265.7
-52.5°	5353.8	5022.8	4691.3	4358.5	4041.6	3701.9	3343.1	2989.6	2630.3	2316.7	2004.0
-55°	4643.0	4359.3	4096.4	3829.4	3562.4	3255.9	2932.4	2613.9	2327.2	2039.1	1784.2
-57.5°	4013.8	3764.7	3555.5	3337.6	3111.8	2840.6	2563.7	2294.6	2056.8	1818.4	1582.3
-60°	3457.9	3240.7	3061.3	2871.4	2671.1	2444.3	2224.6	2011.4	1805.8	1611.2	1408.0
-62.5°	2932.9	2757.6	2596.1	2435.2	2272.4	2100.6	1912.6	1740.7	1581.4	1417.5	1233.6
-65°	2436.2	2299.0	2163.4	2033.4	1899.6	1761.5	1611.9	1475.9	1345.7	1212.7	1053.8
-67.5°	1983.2	1875.8	1765.9	1657.2	1552.8	1443.3	1329.5	1216.1	1110.0	1001.5	872.5
-70°	1596.5	1515.6	1430.1	1339.4	1253.0	1167.3	1079.3	987.5	890.5	801.9	713.6
-72.5°	1288.5	1230.4	1166.5	1093.2	1015.4	941.4	870.0	798.4	724.7	648.9	571.8
-75°	1041.3	998.6	950.1	888.8	825.9	761.5	701.3	639.8	572.4	498.9	427.3
-77.5°	824.6	798.4	768.5	719.6	670.2	620.3	566.6	499.4	430.9	363.1	303.9
-80°	618.1	605.7	588.0	545.5	502.9	460.6	415.8	357.2	298.8	244.1	200.2
-82.5°	407.9	399.5	388.1	359.7	331.7	304.2	276.0	235.2	196.2	159.3	126.7
-85°	222.9	215.7	207.7	194.2	180.8	167.5	154.0	131.5	110.4	90.7	73.1
-87.5°	81.5	78.7	75.9	73.0	70.1	67.1	64.0	57.4	51.0	44.8	38.8
-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: P627760 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-735-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	24.2	22.0	19.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	2.9	4.6
85°	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.5	1.4	2.7
82.5°	0.0	0.0	0.0	0.1	1.5	2.3	2.6	2.3	1.3	0.2	0.7
80°	0.0	0.0	0.0	0.3	2.2	4.7	5.8	6.0	4.6	3.2	1.7
77.5°	0.0	0.0	0.0	0.1	0.9	2.5	5.0	8.0	7.9	6.1	4.3
75°	0.0	0.0	0.0	0.3	0.6	0.1	1.9	4.6	7.2	8.7	6.9
72.5°	0.0	0.0	0.0	1.1	2.4	2.5	1.5	1.5	5.1	7.5	8.7
70°	1.3	0.5	0.0	1.5	3.6	5.4	5.0	4.0	3.4	6.5	8.3
67.5°	4.2	4.4	3.3	2.5	4.0	6.1	8.2	7.9	6.8	5.7	8.1
65°	10.3	9.5	8.6	7.7	6.6	6.5	8.6	10.9	10.3	8.8	8.0
62.5°	15.4	15.3	14.1	12.8	11.4	9.9	9.2	12.1	13.3	11.8	9.9
60°	19.8	20.7	19.7	18.0	16.2	14.4	13.1	13.8	15.3	14.9	12.6
57.5°	27.4	26.6	26.2	23.8	21.0	18.8	17.6	17.2	17.6	17.4	15.2
55°	48.3	33.6	33.8	31.3	26.9	23.2	22.2	21.4	20.4	20.1	17.8
52.5°	122.3	67.9	43.5	40.2	35.0	28.7	26.8	25.5	24.2	22.9	20.4
50°	225.9	146.2	82.8	51.9	44.2	37.7	31.3	29.7	27.9	26.1	22.9
47.5°	361.5	251.4	163.3	81.9	57.1	47.1	39.2	33.8	31.7	29.4	25.3
45°	556.8	370.4	256.8	162.2	76.1	65.1	48.4	37.9	35.3	32.5	27.8
42.5°	774.7	543.5	360.3	245.0	145.4	90.1	58.0	46.0	39.0	35.7	30.4
40°	988.4	751.1	484.0	337.9	219.5	120.8	83.4	54.9	42.6	39.2	33.4
37.5°	1224.9	970.7	677.9	437.0	294.9	184.4	114.3	64.0	48.4	42.9	36.5
35°	1517.3	1214.3	872.1	582.2	390.6	243.4	148.7	81.4	59.5	46.8	39.7
32.5°	1809.3	1457.6	1081.9	751.1	490.6	297.8	193.5	116.2	72.6	50.8	43.0
30°	2103.2	1680.3	1279.4	907.4	605.6	385.1	241.7	150.0	87.4	55.0	46.4
27.5°	2367.9	1890.6	1464.4	1070.6	740.5	477.3	292.1	182.8	103.9	62.3	49.8
25°	2666.8	2117.8	1646.4	1226.8	863.9	573.4	343.8	214.8	128.0	75.0	53.2
22.5°	3051.4	2351.3	1815.1	1368.3	986.1	665.3	410.3	257.2	154.5	88.4	56.7
20°	3433.9	2579.4	1980.3	1545.6	1119.0	768.7	487.2	299.3	179.6	102.4	60.1
17.5°	3809.1	2871.7	2220.7	1726.7	1261.2	865.4	559.0	340.7	203.3	116.6	63.6
15°	4145.6	3206.5	2457.1	1898.1	1400.4	954.9	625.5	381.0	225.5	130.8	68.0
12.5°	4428.2	3495.1	2679.6	2058.4	1534.5	1036.7	686.2	419.5	246.1	146.7	74.1
10°	4661.7	3739.2	2885.9	2206.5	1661.2	1110.2	741.0	458.1	270.1	163.5	80.6
7.5°	4848.2	3940.9	3073.7	2341.0	1776.2	1178.9	799.7	498.8	293.3	179.5	87.1
5°	4988.6	4098.2	3218.7	2437.4	1867.6	1242.1	854.0	536.1	314.9	194.4	93.6
2.5°	5079.7	4214.0	3326.3	2513.0	1942.0	1295.3	901.7	569.7	334.6	208.0	99.9
0°	5133.4	4296.9	3407.6	2571.1	1998.8	1338.4	942.2	598.8	352.2	220.1	105.7
-2.5°	5181.4	4351.2	3478.6	2672.4	2037.8	1409.1	968.1	625.0	380.0	228.8	116.4
-5°	5197.3	4375.1	3525.1	2750.5	2061.3	1466.3	986.3	646.5	404.4	235.9	126.3
-7.5°	5170.5	4360.7	3541.4	2794.8	2072.3	1506.7	996.8	663.2	424.3	241.4	134.9
-10°	5110.9	4313.5	3519.9	2781.4	2087.2	1519.4	1002.9	675.6	438.7	245.5	142.0
-12.5°	5022.6	4242.2	3473.6	2751.9	2084.7	1511.3	1019.5	685.1	446.2	248.3	147.3
-15°	4907.0	4149.0	3402.9	2708.3	2059.6	1493.1	1023.7	688.7	445.4	253.4	150.5
-17.5°	4770.8	4035.9	3308.1	2652.7	2010.8	1465.8	1014.4	684.4	440.9	261.0	153.7
-20°	4634.5	3910.2	3195.6	2587.0	1937.2	1430.2	990.9	671.8	432.8	266.0	156.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627760 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	4474.6	3766.0	3098.5	2495.4	1857.5	1387.4	952.2	650.5	421.3	268.1	158.2
-25°	4291.0	3597.5	2981.6	2369.4	1794.7	1338.9	912.4	620.0	406.3	267.3	157.8
-27.5°	4083.3	3417.6	2844.1	2231.4	1729.4	1271.2	874.6	597.7	393.6	263.6	155.4
-30°	3851.7	3248.2	2679.5	2098.8	1649.6	1198.1	825.2	572.7	387.9	258.6	151.1
-32.5°	3602.0	3057.3	2502.7	1997.6	1558.9	1122.1	781.5	544.5	378.2	252.3	151.3
-35°	3367.8	2849.8	2322.2	1880.9	1462.7	1077.1	752.3	513.1	364.5	243.6	152.1
-37.5°	3117.1	2632.0	2179.3	1759.2	1361.4	1025.5	728.7	499.1	346.8	232.3	151.5
-40°	2875.8	2425.5	2013.9	1643.3	1286.4	967.3	691.5	483.5	329.9	218.6	149.5
-42.5°	2631.6	2231.4	1855.7	1517.1	1215.7	911.0	643.9	459.5	316.2	210.7	146.1
-45°	2406.8	2031.0	1687.4	1407.0	1137.1	839.0	607.2	429.4	299.4	205.1	143.0
-47.5°	2170.6	1826.9	1533.5	1286.6	1034.3	760.7	560.7	405.6	279.2	197.7	140.9
-50°	1926.8	1633.6	1389.6	1154.2	908.6	695.4	510.9	377.3	271.9	191.9	137.4
-52.5°	1713.4	1463.8	1242.5	1018.0	813.6	619.1	473.1	347.0	262.3	186.9	132.6
-55°	1529.5	1302.3	1097.5	906.4	723.2	562.8	430.3	332.5	250.4	180.8	126.6
-57.5°	1367.1	1152.7	978.6	806.9	647.7	508.7	400.2	315.4	237.9	172.3	121.3
-60°	1209.2	1033.2	870.5	717.5	577.3	462.0	376.7	295.6	223.1	161.6	115.4
-62.5°	1063.3	908.3	766.7	628.5	514.1	424.0	349.8	272.6	205.5	148.1	107.5
-65°	910.2	778.1	658.4	549.9	456.8	379.4	315.0	246.5	182.4	131.9	97.4
-67.5°	751.1	654.1	560.7	470.2	394.2	329.3	275.0	211.8	155.3	113.2	85.5
-70°	625.5	540.2	461.0	390.0	328.0	275.0	224.8	171.2	125.2	97.0	72.8
-72.5°	497.9	428.3	363.5	307.0	262.7	217.8	172.0	131.0	103.8	80.0	59.5
-75°	368.5	321.5	279.2	240.0	200.1	160.8	131.2	104.1	81.8	62.2	50.2
-77.5°	267.4	233.4	202.3	177.5	150.1	123.9	99.0	76.3	61.9	51.6	42.2
-80°	181.7	163.8	146.7	129.3	107.2	86.4	71.4	58.8	49.9	41.6	34.0
-82.5°	114.5	105.0	96.4	87.6	74.8	63.2	53.0	44.3	37.6	31.4	27.6
-85°	67.9	62.8	57.8	52.9	45.7	39.5	36.5	33.8	30.9	28.0	25.0
-87.5°	38.3	37.7	37.1	36.5	34.7	33.0	31.5	30.1	27.5	25.0	22.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	4.4	6.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627760 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	17.6	15.4	13.2	11.0	8.8	8.8	8.8
87.5°	6.5	7.4	8.0	8.5	8.8	8.8	8.8
85°	4.3	6.0	7.3	8.2	8.8	8.8	8.8
82.5°	2.1	4.6	6.6	8.0	8.8	8.8	8.8
80°	0.5	3.3	5.8	7.7	8.8	8.8	8.8
77.5°	2.7	2.9	5.2	7.5	8.8	8.8	8.8
75°	4.9	4.3	4.8	7.3	8.8	8.8	8.8
72.5°	7.0	5.7	5.6	7.1	8.8	8.8	8.8
70°	8.8	7.0	6.3	7.0	8.8	8.8	8.8
67.5°	9.1	8.2	7.0	7.3	8.8	8.8	8.8
65°	9.4	9.1	7.7	7.6	8.8	8.8	8.8
62.5°	9.9	9.8	8.3	7.9	8.8	8.8	8.8
60°	10.5	10.6	8.8	8.1	8.8	8.8	8.8
57.5°	12.5	11.4	9.6	8.3	8.9	8.8	8.8
55°	14.8	12.3	10.5	8.5	9.0	8.8	8.8
52.5°	16.9	13.5	11.4	8.7	9.2	8.8	8.8
50°	19.1	15.3	12.4	8.7	9.4	8.8	8.8
47.5°	21.2	17.0	13.4	9.0	9.6	8.8	8.8
45°	23.3	18.7	14.5	9.8	9.9	8.8	8.8
42.5°	25.3	20.4	15.6	10.6	10.1	8.8	8.8
40°	27.3	22.1	16.8	11.7	10.5	8.8	8.8
37.5°	29.2	23.6	18.1	12.9	10.8	8.8	8.8
35°	31.0	25.2	19.3	14.0	11.2	8.8	8.8
32.5°	33.0	26.6	20.5	15.1	11.6	8.8	8.8
30°	35.7	28.1	21.6	16.2	12.0	8.8	8.8
27.5°	38.3	29.4	23.0	17.3	12.5	8.8	8.8
25°	40.9	30.7	24.4	18.3	12.9	8.8	8.8
22.5°	43.4	32.1	25.7	19.3	13.4	8.8	8.8
20°	46.0	33.7	27.0	20.3	13.9	8.8	8.8
17.5°	48.5	35.2	28.2	21.2	14.4	8.8	8.8
15°	50.9	36.7	29.4	22.1	14.9	8.8	8.8
12.5°	53.2	38.1	30.5	22.9	15.4	8.8	8.8
10°	55.3	39.4	31.6	23.7	15.8	8.8	8.8
7.5°	57.2	40.7	32.6	24.4	16.3	8.8	8.8
5°	58.8	41.9	33.5	25.1	16.8	8.8	8.8
2.5°	60.3	43.0	34.4	25.8	17.2	8.8	8.8
0°	61.6	44.0	35.2	26.4	17.6	8.8	8.8
-2.5°	65.0	44.9	35.9	26.4	17.6	8.8	8.8
-5°	68.2	45.8	36.6	26.3	17.5	8.8	8.8
-7.5°	70.9	46.5	37.1	26.2	17.4	8.8	8.8
-10°	73.2	47.2	37.6	26.0	17.3	8.8	8.8
-12.5°	74.9	47.8	37.8	25.8	17.2	8.8	8.8
-15°	76.0	48.3	38.0	25.5	17.0	8.8	8.8
-17.5°	76.4	48.6	37.9	25.2	16.8	8.8	8.8
-20°	78.4	48.9	37.7	24.8	16.5	8.8	8.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627760 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	83.4	49.1	37.2	24.4	16.3	8.8	8.8
-25°	87.5	52.4	36.5	23.9	15.9	8.8	8.8
-27.5°	90.7	56.5	35.6	23.4	15.6	8.8	8.8
-30°	92.9	60.0	34.8	22.8	15.2	8.8	8.8
-32.5°	94.1	62.9	36.1	22.2	14.8	8.8	8.8
-35°	96.6	65.2	37.0	21.6	14.4	8.8	8.8
-37.5°	99.2	66.7	37.6	20.9	14.0	8.8	8.8
-40°	100.7	67.2	37.9	20.2	13.5	8.8	8.8
-42.5°	101.3	67.2	38.2	19.8	13.0	8.8	8.8
-45°	100.8	66.7	38.4	19.9	12.4	8.8	8.8
-47.5°	99.3	65.7	38.1	19.8	11.9	8.8	8.8
-50°	97.2	64.2	37.4	19.5	11.3	8.8	8.8
-52.5°	94.5	62.2	36.3	19.1	10.7	8.8	8.8
-55°	91.1	59.7	34.7	18.6	10.1	8.8	8.8
-57.5°	87.1	56.4	32.7	17.9	9.4	8.8	8.8
-60°	82.3	52.6	30.4	17.1	8.8	8.8	8.8
-62.5°	75.6	48.1	28.8	16.2	8.8	8.8	8.8
-65°	68.2	43.1	26.9	15.1	8.8	8.8	8.8
-67.5°	60.0	38.7	24.8	14.0	8.8	8.8	8.8
-70°	51.0	35.2	22.6	12.7	8.8	8.8	8.8
-72.5°	45.0	31.4	20.1	12.4	8.8	8.8	8.8
-75°	39.2	27.3	17.5	12.3	8.8	8.8	8.8
-77.5°	33.1	23.1	16.6	12.2	8.8	8.8	8.8
-80°	26.8	20.8	16.0	12.0	8.8	8.8	8.8
-82.5°	24.2	19.5	15.4	11.8	8.8	8.8	8.8
-85°	22.1	18.2	14.7	11.5	8.8	8.8	8.8
-87.5°	19.9	16.8	14.0	11.3	8.8	8.8	8.8
-90°	8.8	8.8	8.8	8.8	8.8	8.8	8.8

(END OF REPORT)