

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: P627983 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-727-U-WR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627983 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA6E-727-U-WR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, WIDE SYMMETRICAL ROUND N139  
Light Source: (96) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

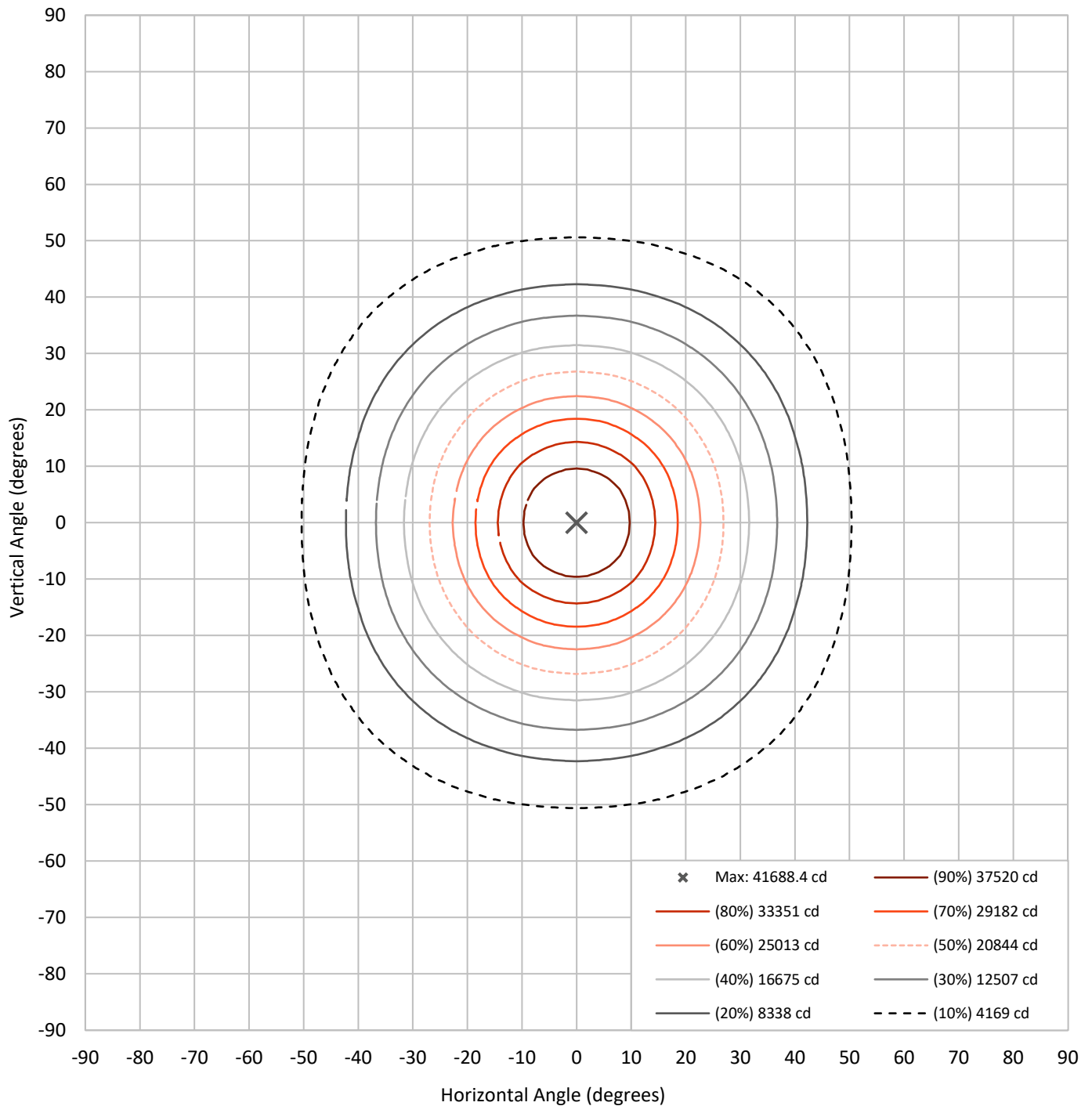
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	42429 lumens	Max Intensity:	41688.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	112.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	20287 lumens	Field Lumens:	37445.1 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	376.7		
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: P627983 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA6E-727-U-WR-XX

### Iso-Candela Plot





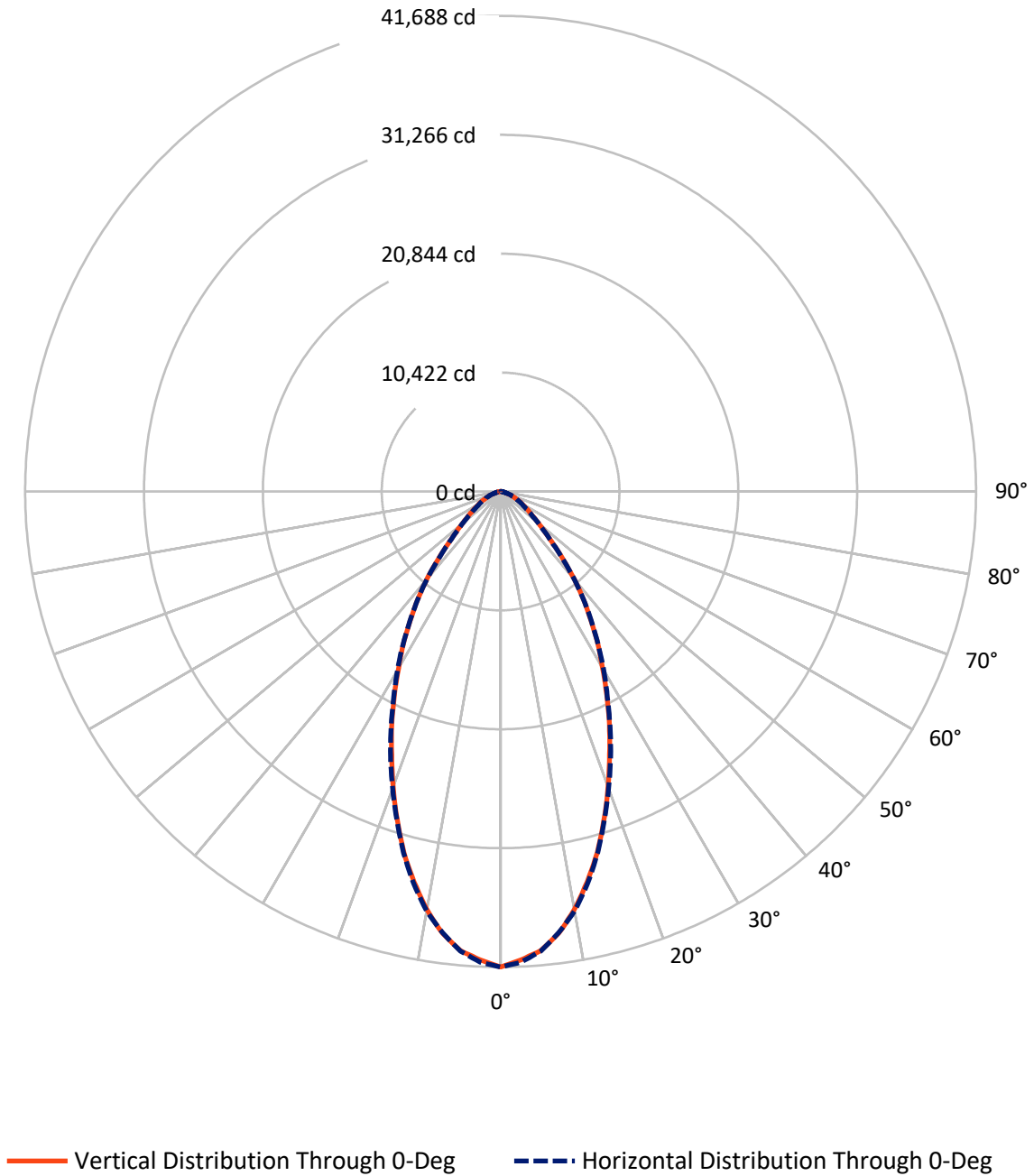
REPORT NUMBER: P627983 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-727-U-WR-XX

### Lumen Table

90															90	
80	1.6	11.7		26.7		44.4		38.0		44.4		26.7		11.7		1.6
70															70	
60	5.5	6.4	12.2	19.5	28.3	36.7	43.1	46.2	46.2	43.1	36.7	28.3	19.5	12.2	6.4	5.5
50		9.1	18.4	31.9	48.8	67.2	83.8	93.4	93.4	83.8	67.2	48.8	31.9	18.4	9.1	
40	8.1	11.7	25.4	47.5	80.1	123.2	169.8	200.9	200.9	169.8	123.2	80.1	47.5	25.4	11.7	8.1
30		14.2	33.3	69.1	134.5	238.8	346.9	411.5	411.5	346.9	238.8	134.5	69.1	33.3	14.2	
20	9.6	16.6	41.5	96.7	217.4	390.8	559.2	668.4	668.4	559.2	390.8	217.4	96.7	41.5	16.6	9.6
10		18.4	48.7	125.4	296.7	527.7	779.1	958.4	958.4	779.1	527.7	296.7	125.4	48.7	18.4	
0	10.1	19.4	52.7	144.0	341.6	613.5	933.5	1174.0	1174.0	933.5	613.5	341.6	144.0	52.7	19.4	10.1
-10		19.4	52.7	144.0	341.6	613.5	933.5	1174.0	1174.0	933.5	613.5	341.6	144.0	52.7	19.4	
-20	9.6	18.4	48.7	125.4	296.7	527.7	779.1	958.4	958.4	779.1	527.7	296.7	125.4	48.7	18.4	9.6
-30		16.6	41.5	96.7	217.4	390.8	559.2	668.4	668.4	559.2	390.8	217.4	96.7	41.5	16.6	
-40	8.1	14.2	33.3	69.1	134.5	238.8	346.9	411.5	411.5	346.9	238.8	134.5	69.1	33.3	14.2	8.1
-50		11.7	25.4	47.5	80.1	123.2	169.8	200.9	200.9	169.8	123.2	80.1	47.5	25.4	11.7	
-60	5.5	9.1	18.4	31.9	48.8	67.2	83.8	93.4	93.4	83.8	67.2	48.8	31.9	18.4	9.1	5.5
-70		6.4	12.2	19.5	28.3	36.7	43.1	46.2	46.2	43.1	36.7	28.3	19.5	12.2	6.4	
-80															-80	
-90	1.6	11.7		26.7		44.4		38.0		44.4		26.7		11.7		1.6
Horizontal Angle (degrees)																

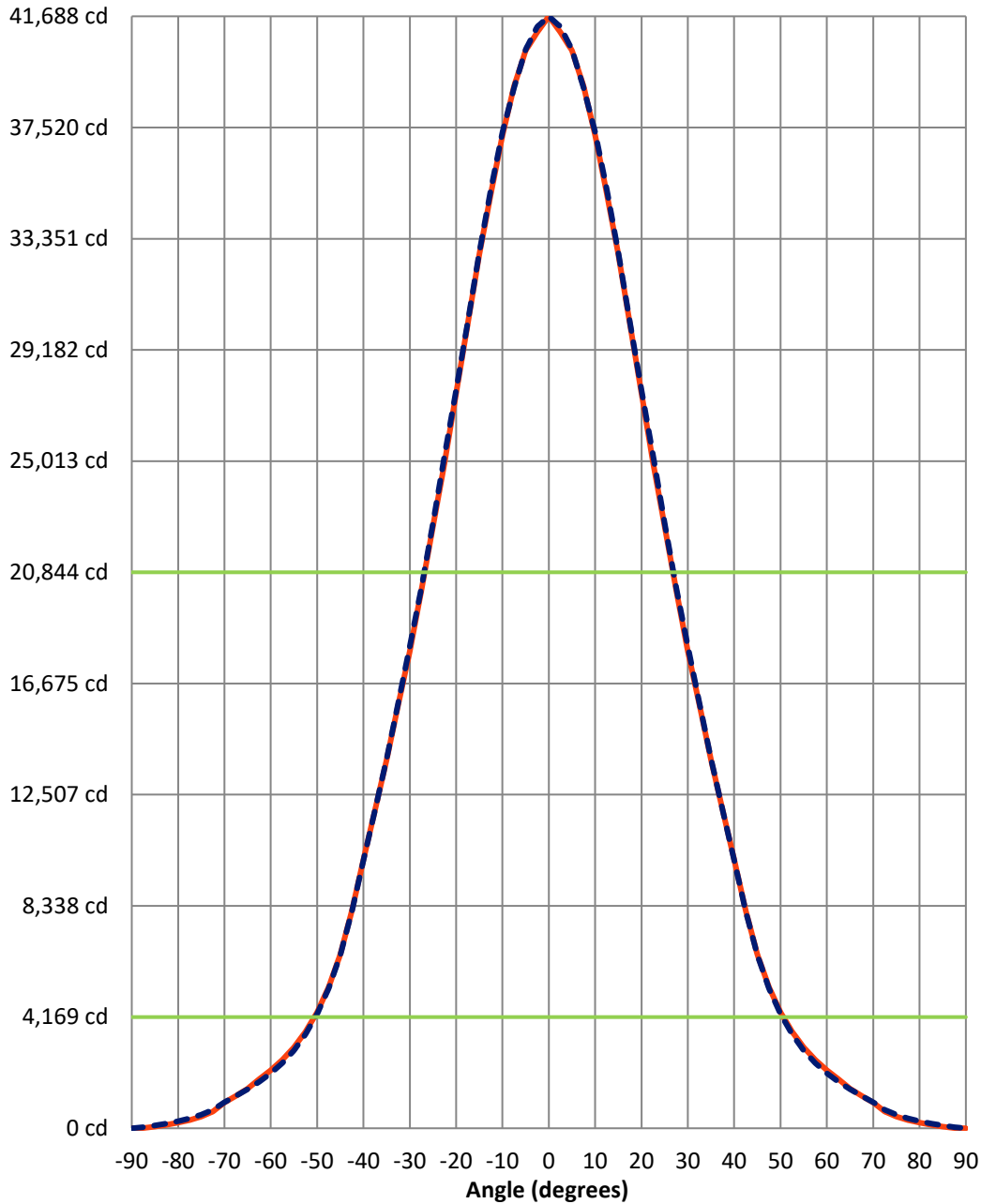
REPORT NUMBER: P627983 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA6E-727-U-WR-XX

### Luminous Intensity Polar Plot



REPORT NUMBER: P627983 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-727-U-WR-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 53.8°  
 V Angle: 53.6°  
 Lumens: 20287  
 Efficiency: 47.8%

**Field:**  
 H Angle: 100.8°  
 V Angle: 101.2°  
 Lumens: 37445.1  
 Efficiency: 88.3%

**Spill:**  
 Lumens: 4983.9  
 Efficiency: 11.7%

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



REPORT NUMBER: P627983 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-U-WR-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	2.1	4.9	8.0	11.5	15.5	19.8	21.9	23.7	25.1	26.2
85°	0.0	4.2	9.7	15.9	23.0	30.9	39.5	43.9	47.4	50.2	52.4
82.5°	0.0	6.3	14.6	23.8	34.4	46.1	59.1	65.8	72.5	84.1	94.3
80°	0.0	8.4	19.3	31.6	45.6	61.2	80.3	99.8	116.8	131.9	145.4
77.5°	0.0	10.5	24.1	39.4	56.7	79.7	114.6	139.9	160.9	179.8	198.6
75°	0.0	12.5	28.7	47.0	68.7	104.1	148.0	179.8	205.1	230.7	258.2
72.5°	0.0	14.5	33.2	54.4	85.1	127.9	180.3	219.0	249.4	282.1	316.9
70°	0.0	16.5	37.7	62.2	100.9	150.7	210.9	256.0	293.0	332.6	379.2
67.5°	0.0	18.4	42.0	71.8	116.0	172.4	237.5	292.3	335.7	384.9	440.8
65°	0.0	20.2	46.1	81.0	130.4	192.4	262.8	327.7	377.9	435.3	499.0
62.5°	0.0	22.0	50.1	89.8	144.0	210.7	286.7	361.3	418.3	483.5	553.2
60°	0.0	23.8	54.0	98.0	156.6	227.9	309.1	393.1	456.9	530.2	605.8
57.5°	0.0	25.5	58.6	105.7	168.5	243.9	329.3	421.8	495.9	575.4	654.2
55°	0.0	27.1	63.2	112.8	179.4	258.7	347.9	444.7	534.1	618.6	700.5
52.5°	0.0	28.7	67.5	119.3	189.5	272.2	365.0	469.6	570.7	659.8	745.9
50°	0.0	30.1	71.6	125.2	198.7	284.6	380.5	492.9	606.0	700.0	795.5
47.5°	0.0	31.5	75.6	130.5	206.9	295.8	394.9	514.2	640.9	739.1	844.3
45°	0.0	32.8	79.3	135.9	214.1	305.7	411.1	533.3	666.0	781.4	891.5
42.5°	0.0	34.1	82.9	140.6	220.3	314.3	425.5	552.1	688.8	822.2	940.4
40°	0.0	35.2	86.2	145.7	225.9	321.5	438.1	570.3	711.5	860.1	987.6
37.5°	0.0	36.3	89.3	151.0	230.9	327.5	448.9	586.7	736.4	890.1	1032.5
35°	0.0	37.2	92.1	155.8	235.0	334.2	457.9	601.4	760.2	922.9	1078.4
32.5°	0.0	38.1	94.7	160.2	238.1	340.5	466.2	614.2	782.8	956.4	1125.3
30°	0.0	38.9	97.1	164.2	240.2	345.4	475.3	626.7	804.2	990.1	1169.5
27.5°	0.0	39.6	99.3	167.7	245.4	349.0	482.8	642.3	826.6	1024.0	1210.9
25°	0.0	40.2	101.1	170.8	250.3	351.1	488.7	656.2	851.6	1057.1	1249.6
22.5°	0.0	40.7	102.8	173.4	254.7	353.8	492.8	668.4	875.4	1087.6	1291.8
20°	0.0	41.1	104.2	175.5	258.4	360.2	495.2	678.8	897.9	1114.9	1329.7
17.5°	0.0	41.4	105.3	177.3	261.5	365.5	500.7	687.1	918.5	1139.1	1363.0
15°	0.0	41.6	106.2	178.5	264.0	369.7	507.4	695.0	937.1	1159.9	1391.5
12.5°	0.0	41.8	106.8	179.3	265.9	372.7	512.2	702.1	952.8	1177.2	1415.4
10°	0.0	41.8	107.2	179.7	267.1	374.5	515.2	706.0	965.1	1191.7	1434.6
7.5°	0.0	41.8	107.3	179.6	267.6	375.3	516.4	706.9	973.7	1202.9	1449.7
5°	0.0	41.7	107.1	179.1	267.5	375.0	515.9	704.8	978.4	1210.5	1459.7
2.5°	0.0	41.5	106.7	178.1	266.7	373.6	513.6	699.9	979.0	1214.2	1464.6
0°	0.0	41.2	106.1	176.8	265.2	371.2	509.7	692.4	975.3	1213.9	1464.4
-2.5°	0.0	41.5	106.7	178.1	266.7	373.6	513.6	699.9	979.0	1214.2	1464.6
-5°	0.0	41.7	107.1	179.1	267.5	375.0	515.9	704.8	978.4	1210.5	1459.7
-7.5°	0.0	41.8	107.3	179.6	267.6	375.3	516.4	706.9	973.7	1202.9	1449.7
-10°	0.0	41.8	107.2	179.7	267.1	374.5	515.2	706.0	965.1	1191.7	1434.6
-12.5°	0.0	41.8	106.8	179.3	265.9	372.7	512.2	702.1	952.8	1177.2	1415.4
-15°	0.0	41.6	106.2	178.5	264.0	369.7	507.4	695.0	937.1	1159.9	1391.5
-17.5°	0.0	41.4	105.3	177.3	261.5	365.5	500.7	687.1	918.5	1139.1	1363.0
-20°	0.0	41.1	104.2	175.5	258.4	360.2	495.2	678.8	897.9	1114.9	1329.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627983 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	40.7	102.8	173.4	254.7	353.8	492.8	668.4	875.4	1087.6	1291.8
-25°	0.0	40.2	101.1	170.8	250.3	351.1	488.7	656.2	851.6	1057.1	1249.6
-27.5°	0.0	39.6	99.3	167.7	245.4	349.0	482.8	642.3	826.6	1024.0	1210.9
-30°	0.0	38.9	97.1	164.2	240.2	345.4	475.3	626.7	804.2	990.1	1169.5
-32.5°	0.0	38.1	94.7	160.2	238.1	340.5	466.2	614.2	782.8	956.4	1125.3
-35°	0.0	37.2	92.1	155.8	235.0	334.2	457.9	601.4	760.2	922.9	1078.4
-37.5°	0.0	36.3	89.3	151.0	230.9	327.5	448.9	586.7	736.4	890.1	1032.5
-40°	0.0	35.2	86.2	145.7	225.9	321.5	438.1	570.3	711.5	860.1	987.6
-42.5°	0.0	34.1	82.9	140.6	220.3	314.3	425.5	552.1	688.8	822.2	940.4
-45°	0.0	32.8	79.3	135.9	214.1	305.7	411.1	533.3	666.0	781.4	891.5
-47.5°	0.0	31.5	75.6	130.5	206.9	295.8	394.9	514.2	640.9	739.1	844.3
-50°	0.0	30.1	71.6	125.2	198.7	284.6	380.5	492.9	606.0	700.0	795.5
-52.5°	0.0	28.7	67.5	119.3	189.5	272.2	365.0	469.6	570.7	659.8	745.9
-55°	0.0	27.1	63.2	112.8	179.4	258.7	347.9	444.7	534.1	618.6	700.5
-57.5°	0.0	25.5	58.6	105.7	168.5	243.9	329.3	421.8	495.9	575.4	654.2
-60°	0.0	23.8	54.0	98.0	156.6	227.9	309.1	393.1	456.9	530.2	605.8
-62.5°	0.0	22.0	50.1	89.8	144.0	210.7	286.7	361.3	418.3	483.5	553.2
-65°	0.0	20.2	46.1	81.0	130.4	192.4	262.8	327.7	377.9	435.3	499.0
-67.5°	0.0	18.4	42.0	71.8	116.0	172.4	237.5	292.3	335.7	384.9	440.8
-70°	0.0	16.5	37.7	62.2	100.9	150.7	210.9	256.0	293.0	332.6	379.2
-72.5°	0.0	14.5	33.2	54.4	85.1	127.9	180.3	219.0	249.4	282.1	316.9
-75°	0.0	12.5	28.7	47.0	68.7	104.1	148.0	179.8	205.1	230.7	258.2
-77.5°	0.0	10.5	24.1	39.4	56.7	79.7	114.6	139.9	160.9	179.8	198.6
-80°	0.0	8.4	19.3	31.6	45.6	61.2	80.3	99.8	116.8	131.9	145.4
-82.5°	0.0	6.3	14.6	23.8	34.4	46.1	59.1	65.8	72.5	84.1	94.3
-85°	0.0	4.2	9.7	15.9	23.0	30.9	39.5	43.9	47.4	50.2	52.4
-87.5°	0.0	2.1	4.9	8.0	11.5	15.5	19.8	21.9	23.7	25.1	26.2
-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: P627983 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-727-U-WR-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°	26.6	26.5	26.1	25.4	24.2	22.7	20.9	18.8	19.5	20.3	21.0
85°	53.2	53.2	57.5	61.6	63.5	63.8	62.5	59.8	67.5	76.4	85.9
82.5°	103.7	112.7	121.3	129.2	130.1	128.0	124.1	119.4	135.2	154.2	174.2
80°	159.0	172.3	187.6	201.9	205.2	203.8	199.3	192.0	212.8	242.2	273.9
77.5°	220.7	241.7	261.3	279.4	284.6	283.8	280.5	274.7	301.1	341.8	384.1
75°	285.7	311.2	336.5	358.7	368.2	369.0	367.9	374.1	408.9	456.5	498.5
72.5°	353.4	386.0	414.4	439.0	454.2	465.8	481.3	500.2	535.3	582.1	623.3
70°	425.1	461.2	491.3	518.4	541.7	567.1	599.8	632.2	669.2	715.9	758.7
67.5°	495.9	532.4	566.3	599.7	642.3	683.1	723.7	765.9	812.5	861.6	904.9
65°	561.5	602.7	644.1	692.6	748.0	794.1	844.2	899.1	960.3	1015.5	1065.8
62.5°	624.3	670.9	722.2	780.7	840.6	898.5	965.6	1036.3	1107.8	1177.0	1245.6
60°	677.5	735.5	797.7	863.7	932.9	1011.7	1090.4	1174.5	1259.8	1343.2	1428.2
57.5°	728.6	800.3	871.9	948.9	1035.1	1125.2	1219.7	1314.3	1416.4	1517.3	1613.8
55°	781.6	866.1	947.6	1038.8	1137.6	1243.4	1350.2	1465.0	1577.7	1704.7	1821.9
52.5°	838.2	930.1	1026.0	1130.4	1245.8	1365.1	1490.2	1621.8	1762.2	1903.3	2046.5
50°	893.4	997.1	1103.8	1228.6	1357.7	1494.0	1638.6	1791.8	1955.2	2118.6	2291.9
47.5°	951.2	1061.9	1192.1	1327.8	1475.6	1630.8	1794.4	1976.7	2158.2	2364.0	2562.8
45°	1008.2	1135.4	1276.8	1434.4	1596.7	1771.4	1966.1	2166.2	2398.0	2630.4	2891.6
42.5°	1062.9	1209.6	1369.2	1537.6	1722.3	1923.1	2138.5	2390.2	2651.5	2939.2	3245.7
40°	1125.8	1280.5	1460.2	1648.5	1848.7	2078.2	2337.4	2616.8	2935.6	3276.4	3624.7
37.5°	1186.7	1360.5	1550.0	1754.2	1986.7	2245.2	2531.3	2873.8	3241.7	3629.1	4102.9
35°	1243.9	1436.6	1642.6	1866.2	2118.0	2417.5	2759.8	3138.3	3562.1	4061.9	4614.7
32.5°	1304.6	1508.7	1729.9	1980.9	2265.8	2593.0	2981.8	3427.3	3928.9	4498.1	5189.7
30°	1365.7	1582.9	1816.6	2088.3	2405.2	2783.9	3225.7	3718.1	4295.1	5008.9	5820.8
27.5°	1422.2	1652.2	1908.3	2202.0	2540.8	2959.9	3459.9	4037.2	4716.9	5523.7	6472.0
25°	1474.2	1715.4	1992.5	2310.4	2690.3	3149.9	3692.1	4331.3	5139.1	6101.0	7267.7
22.5°	1523.7	1773.0	2068.7	2407.7	2825.0	3333.9	3944.1	4675.5	5568.4	6647.9	8047.2
20°	1570.2	1835.2	2144.3	2501.0	2945.3	3499.9	4175.7	4996.8	6012.9	7290.9	8811.5
17.5°	1611.0	1890.0	2215.8	2601.7	3079.5	3668.7	4394.2	5280.5	6408.5	7865.0	9516.8
15°	1646.2	1937.3	2277.7	2689.0	3200.3	3836.5	4623.6	5591.5	6821.3	8387.2	10136.1
12.5°	1675.4	1976.9	2329.7	2762.4	3301.8	3978.3	4819.4	5868.8	7223.3	8879.0	10679.7
10°	1698.7	2008.7	2371.6	2821.7	3383.7	4093.5	4980.7	6095.6	7557.8	9300.6	11139.6
7.5°	1718.1	2033.5	2403.7	2866.6	3445.6	4181.4	5106.3	6270.6	7819.3	9634.4	11492.6
5°	1731.9	2051.3	2428.1	2898.0	3491.0	4242.7	5194.2	6393.0	8005.3	9876.3	11733.9
2.5°	1739.7	2061.0	2442.1	2914.8	3518.9	4277.5	5240.3	6469.8	8107.5	10014.4	11879.8
0°	1741.3	2062.5	2445.5	2916.9	3526.8	4284.0	5247.5	6493.8	8129.1	10050.1	11932.8
-2.5°	1739.7	2061.0	2442.1	2914.8	3518.9	4277.5	5240.3	6469.8	8107.5	10014.4	11879.8
-5°	1731.9	2051.3	2428.1	2898.0	3491.0	4242.7	5194.2	6393.0	8005.3	9876.3	11733.9
-7.5°	1718.1	2033.5	2403.7	2866.6	3445.6	4181.4	5106.3	6270.6	7819.3	9634.4	11492.6
-10°	1698.7	2008.7	2371.6	2821.7	3383.7	4093.5	4980.7	6095.6	7557.8	9300.6	11139.6
-12.5°	1675.4	1976.9	2329.7	2762.4	3301.8	3978.3	4819.4	5868.8	7223.3	8879.0	10679.7
-15°	1646.2	1937.3	2277.7	2689.0	3200.3	3836.5	4623.6	5591.5	6821.3	8387.2	10136.1
-17.5°	1611.0	1890.0	2215.8	2601.7	3079.5	3668.7	4394.2	5280.5	6408.5	7865.0	9516.8
-20°	1570.2	1835.2	2144.3	2501.0	2945.3	3499.9	4175.7	4996.8	6012.9	7290.9	8811.5



REPORT NUMBER: P627983 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1523.7	1773.0	2068.7	2407.7	2825.0	3333.9	3944.1	4675.5	5568.4	6647.9	8047.2
-25°	1474.2	1715.4	1992.5	2310.4	2690.3	3149.9	3692.1	4331.3	5139.1	6101.0	7267.7
-27.5°	1422.2	1652.2	1908.3	2202.0	2540.8	2959.9	3459.9	4037.2	4716.9	5523.7	6472.0
-30°	1365.7	1582.9	1816.6	2088.3	2405.2	2783.9	3225.7	3718.1	4295.1	5008.9	5820.8
-32.5°	1304.6	1508.7	1729.9	1980.9	2265.8	2593.0	2981.8	3427.3	3928.9	4498.1	5189.7
-35°	1243.9	1436.6	1642.6	1866.2	2118.0	2417.5	2759.8	3138.3	3562.1	4061.9	4614.7
-37.5°	1186.7	1360.5	1550.0	1754.2	1986.7	2245.2	2531.3	2873.8	3241.7	3629.1	4102.9
-40°	1125.8	1280.5	1460.2	1648.5	1848.7	2078.2	2337.4	2616.8	2935.6	3276.4	3624.7
-42.5°	1062.9	1209.6	1369.2	1537.6	1722.3	1923.1	2138.5	2390.2	2651.5	2939.2	3245.7
-45°	1008.2	1135.4	1276.8	1434.4	1596.7	1771.4	1966.1	2166.2	2398.0	2630.4	2891.6
-47.5°	951.2	1061.9	1192.1	1327.8	1475.6	1630.8	1794.4	1976.7	2158.2	2364.0	2562.8
-50°	893.4	997.1	1103.8	1228.6	1357.7	1494.0	1638.6	1791.8	1955.2	2118.6	2291.9
-52.5°	838.2	930.1	1026.0	1130.4	1245.8	1365.1	1490.2	1621.8	1762.2	1903.3	2046.5
-55°	781.6	866.1	947.6	1038.8	1137.6	1243.4	1350.2	1465.0	1577.7	1704.7	1821.9
-57.5°	728.6	800.3	871.9	948.9	1035.1	1125.2	1219.7	1314.3	1416.4	1517.3	1613.8
-60°	677.5	735.5	797.7	863.7	932.9	1011.7	1090.4	1174.5	1259.8	1343.2	1428.2
-62.5°	624.3	670.9	722.2	780.7	840.6	898.5	965.6	1036.3	1107.8	1177.0	1245.6
-65°	561.5	602.7	644.1	692.6	748.0	794.1	844.2	899.1	960.3	1015.5	1065.8
-67.5°	495.9	532.4	566.3	599.7	642.3	683.1	723.7	765.9	812.5	861.6	904.9
-70°	425.1	461.2	491.3	518.4	541.7	567.1	599.8	632.2	669.2	715.9	758.7
-72.5°	353.4	386.0	414.4	439.0	454.2	465.8	481.3	500.2	535.3	582.1	623.3
-75°	285.7	311.2	336.5	358.7	368.2	369.0	367.9	374.1	408.9	456.5	498.5
-77.5°	220.7	241.7	261.3	279.4	284.6	283.8	280.5	274.7	301.1	341.8	384.1
-80°	159.0	172.3	187.6	201.9	205.2	203.8	199.3	192.0	212.8	242.2	273.9
-82.5°	103.7	112.7	121.3	129.2	130.1	128.0	124.1	119.4	135.2	154.2	174.2
-85°	53.2	53.2	57.5	61.6	63.5	63.8	62.5	59.8	67.5	76.4	85.9
-87.5°	26.6	26.5	26.1	25.4	24.2	22.7	20.9	18.8	19.5	20.3	21.0
-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: P627983 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-727-U-WR-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°	21.7	21.1	20.4	19.6	18.7	18.4	18.0	17.6	17.1	15.8	14.5
85°	95.8	97.9	99.1	99.7	99.8	102.9	106.0	108.7	111.1	100.7	89.2
82.5°	194.8	204.0	212.0	220.0	227.9	233.3	237.4	240.3	242.2	219.3	193.5
80°	306.7	325.9	341.8	357.0	371.6	375.2	375.2	373.1	369.1	337.7	302.1
77.5°	426.5	451.7	471.6	491.4	510.9	518.1	521.5	524.2	526.0	487.2	439.3
75°	535.2	565.2	593.2	619.1	643.0	655.8	663.2	669.3	674.0	635.0	583.7
72.5°	659.2	690.9	721.2	749.9	775.3	792.1	803.1	812.1	819.2	796.9	764.8
70°	795.5	828.3	860.3	890.1	918.8	941.5	959.2	974.5	987.3	989.7	988.6
67.5°	946.8	985.6	1023.6	1056.2	1090.3	1122.2	1150.2	1173.5	1192.2	1204.5	1211.3
65°	1116.7	1175.0	1226.9	1270.9	1307.7	1350.3	1387.9	1416.5	1436.8	1452.1	1465.3
62.5°	1316.9	1387.6	1446.9	1505.5	1566.0	1624.8	1661.6	1698.5	1734.5	1768.6	1797.6
60°	1509.5	1587.1	1667.4	1742.3	1811.6	1875.3	1941.3	1999.8	2051.0	2093.8	2125.6
57.5°	1714.9	1809.2	1900.6	1995.7	2085.1	2168.5	2250.0	2325.3	2390.3	2445.0	2489.7
55°	1937.7	2053.1	2161.7	2282.4	2399.4	2506.1	2604.3	2704.9	2795.6	2875.5	2938.8
52.5°	2178.0	2328.0	2471.8	2613.5	2765.1	2901.9	3024.5	3164.0	3287.8	3390.1	3469.8
50°	2464.9	2641.1	2830.9	3006.6	3197.8	3386.2	3559.9	3728.1	3892.6	4034.9	4150.0
47.5°	2791.5	3008.4	3243.6	3476.4	3713.8	3971.3	4201.1	4414.6	4644.7	4844.4	5004.6
45°	3154.5	3431.1	3715.1	4042.4	4344.0	4674.8	4981.0	5256.0	5582.2	5869.5	6100.9
42.5°	3557.3	3925.8	4299.3	4711.6	5111.5	5531.6	5977.7	6373.4	6806.0	7218.6	7551.9
40°	4056.6	4497.0	4997.3	5496.3	6070.4	6609.8	7259.6	7850.2	8386.6	8878.5	9281.6
37.5°	4611.4	5178.4	5806.8	6456.7	7242.4	8012.5	8773.2	9491.4	10125.4	10663.8	11115.4
35°	5241.3	5961.7	6722.8	7671.7	8592.2	9514.5	10373.8	11158.7	11848.4	12455.7	12972.2
32.5°	5965.8	6830.4	7895.9	8961.9	10011.9	11027.4	11970.7	12826.9	13583.2	14265.1	14859.1
30°	6727.4	7907.2	9103.1	10272.5	11419.3	12531.6	13567.0	14510.0	15364.6	16123.7	16808.0
27.5°	7695.3	9002.7	10306.8	11567.4	12829.1	14046.5	15168.5	16216.1	17196.7	18054.7	18836.9
25°	8631.5	10075.9	11462.1	12836.7	14210.0	15517.0	16771.6	17954.8	19077.9	20062.7	20936.0
22.5°	9567.6	11079.3	12560.7	14038.7	15514.0	16971.0	18379.7	19735.3	20991.3	22112.7	23095.7
20°	10434.6	12014.9	13599.1	15192.4	16791.5	18386.4	19968.6	21494.1	22893.3	24188.1	25325.8
17.5°	11211.8	12892.6	14572.1	16276.4	18009.9	19741.4	21499.0	23209.1	24808.8	26281.9	27601.8
15°	11900.1	13653.9	15457.7	17296.8	19158.2	21038.8	22956.5	24870.0	26670.7	28343.9	29817.3
12.5°	12501.9	14325.3	16215.8	18169.9	20190.2	22238.9	24331.9	26429.2	28422.7	30354.4	31945.4
10°	12998.5	14896.2	16872.3	18925.4	21056.0	23261.0	25506.4	27764.1	29960.4	32009.5	33829.0
7.5°	13382.0	15350.8	17387.0	19522.4	21757.8	24082.9	26461.5	28857.4	31201.2	33409.2	35422.4
5°	13652.6	15681.7	17743.5	19964.8	22277.7	24687.2	27159.5	29656.3	32106.4	34428.0	36514.4
2.5°	13809.6	15880.4	17951.1	20233.6	22587.0	25052.9	27592.3	30130.1	32644.8	35052.7	37196.7
0°	13850.9	15939.9	18070.2	20262.3	22684.2	25224.0	27672.4	30218.1	32831.5	35206.3	37342.4
-2.5°	13809.6	15880.4	17951.1	20233.6	22587.0	25052.9	27592.3	30130.1	32644.8	35052.7	37196.7
-5°	13652.6	15681.7	17743.5	19964.8	22277.7	24687.2	27159.5	29656.3	32106.4	34428.0	36514.4
-7.5°	13382.0	15350.8	17387.0	19522.4	21757.8	24082.9	26461.5	28857.4	31201.2	33409.2	35422.4
-10°	12998.5	14896.2	16872.3	18925.4	21056.0	23261.0	25506.4	27764.1	29960.4	32009.5	33829.0
-12.5°	12501.9	14325.3	16215.8	18169.9	20190.2	22238.9	24331.9	26429.2	28422.7	30354.4	31945.4
-15°	11900.1	13653.9	15457.7	17296.8	19158.2	21038.8	22956.5	24870.0	26670.7	28343.9	29817.3
-17.5°	11211.8	12892.6	14572.1	16276.4	18009.9	19741.4	21499.0	23209.1	24808.8	26281.9	27601.8
-20°	10434.6	12014.9	13599.1	15192.4	16791.5	18386.4	19968.6	21494.1	22893.3	24188.1	25325.8



REPORT NUMBER: P627983 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-727-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	9567.6	11079.3	12560.7	14038.7	15514.0	16971.0	18379.7	19735.3	20991.3	22112.7	23095.7
-25°	8631.5	10075.9	11462.1	12836.7	14210.0	15517.0	16771.6	17954.8	19077.9	20062.7	20936.0
-27.5°	7695.3	9002.7	10306.8	11567.4	12829.1	14046.5	15168.5	16216.1	17196.7	18054.7	18836.9
-30°	6727.4	7907.2	9103.1	10272.5	11419.3	12531.6	13567.0	14510.0	15364.6	16123.7	16808.0
-32.5°	5965.8	6830.4	7895.9	8961.9	10011.9	11027.4	11970.7	12826.9	13583.2	14265.1	14859.1
-35°	5241.3	5961.7	6722.8	7671.7	8592.2	9514.5	10373.8	11158.7	11848.4	12455.7	12972.2
-37.5°	4611.4	5178.4	5806.8	6456.7	7242.4	8012.5	8773.2	9491.4	10125.4	10663.8	11115.4
-40°	4056.6	4497.0	4997.3	5496.3	6070.4	6609.8	7259.6	7850.2	8386.6	8878.5	9281.6
-42.5°	3557.3	3925.8	4299.3	4711.6	5111.5	5531.6	5977.7	6373.4	6806.0	7218.6	7551.9
-45°	3154.5	3431.1	3715.1	4042.4	4344.0	4674.8	4981.0	5256.0	5582.2	5869.5	6100.9
-47.5°	2791.5	3008.4	3243.6	3476.4	3713.8	3971.3	4201.1	4414.6	4644.7	4844.4	5004.6
-50°	2464.9	2641.1	2830.9	3006.6	3197.8	3386.2	3559.9	3728.1	3892.6	4034.9	4150.0
-52.5°	2178.0	2328.0	2471.8	2613.5	2765.1	2901.9	3024.5	3164.0	3287.8	3390.1	3469.8
-55°	1937.7	2053.1	2161.7	2282.4	2399.4	2506.1	2604.3	2704.9	2795.6	2875.5	2938.8
-57.5°	1714.9	1809.2	1900.6	1995.7	2085.1	2168.5	2250.0	2325.3	2390.3	2445.0	2489.7
-60°	1509.5	1587.1	1667.4	1742.3	1811.6	1875.3	1941.3	1999.8	2051.0	2093.8	2125.6
-62.5°	1316.9	1387.6	1446.9	1505.5	1566.0	1624.8	1661.6	1698.5	1734.5	1768.6	1797.6
-65°	1116.7	1175.0	1226.9	1270.9	1307.7	1350.3	1387.9	1416.5	1436.8	1452.1	1465.3
-67.5°	946.8	985.6	1023.6	1056.2	1090.3	1122.2	1150.2	1173.5	1192.2	1204.5	1211.3
-70°	795.5	828.3	860.3	890.1	918.8	941.5	959.2	974.5	987.3	989.7	988.6
-72.5°	659.2	690.9	721.2	749.9	775.3	792.1	803.1	812.1	819.2	796.9	764.8
-75°	535.2	565.2	593.2	619.1	643.0	655.8	663.2	669.3	674.0	635.0	583.7
-77.5°	426.5	451.7	471.6	491.4	510.9	518.1	521.5	524.2	526.0	487.2	439.3
-80°	306.7	325.9	341.8	357.0	371.6	375.2	375.2	373.1	369.1	337.7	302.1
-82.5°	194.8	204.0	212.0	220.0	227.9	233.3	237.4	240.3	242.2	219.3	193.5
-85°	95.8	97.9	99.1	99.7	99.8	102.9	106.0	108.7	111.1	100.7	89.2
-87.5°	21.7	21.1	20.4	19.6	18.7	18.4	18.0	17.6	17.1	15.8	14.5
-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: P627983 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-727-U-WR-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°	13.2	11.8	10.3	8.8	10.3	11.8	13.2	14.5	15.8	17.1	17.6
85°	77.1	64.5	63.3	61.9	63.3	64.5	77.1	89.2	100.7	111.1	108.7
82.5°	166.4	138.2	133.9	129.6	133.9	138.2	166.4	193.5	219.3	242.2	240.3
80°	265.1	226.8	219.3	212.1	219.3	226.8	265.1	302.1	337.7	369.1	373.1
77.5°	388.9	336.4	321.0	306.4	321.0	336.4	388.9	439.3	487.2	526.0	524.2
75°	530.4	475.2	456.5	439.0	456.5	475.2	530.4	583.7	635.0	674.0	669.3
72.5°	732.4	698.7	664.7	627.6	664.7	698.7	732.4	764.8	796.9	819.2	812.1
70°	987.6	985.2	976.7	963.5	976.7	985.2	987.6	988.6	989.7	987.3	974.5
67.5°	1214.3	1213.3	1216.3	1216.9	1216.3	1213.3	1214.3	1211.3	1204.5	1192.2	1173.5
65°	1473.4	1476.2	1482.3	1485.0	1482.3	1476.2	1473.4	1465.3	1452.1	1436.8	1416.5
62.5°	1819.9	1834.9	1842.4	1841.5	1842.4	1834.9	1819.9	1797.6	1768.6	1734.5	1698.5
60°	2149.4	2165.1	2174.9	2177.4	2174.9	2165.1	2149.4	2125.6	2093.8	2051.0	1999.8
57.5°	2525.2	2550.8	2564.4	2566.3	2564.4	2550.8	2525.2	2489.7	2445.0	2390.3	2325.3
55°	2987.4	3021.3	3036.5	3034.8	3036.5	3021.3	2987.4	2938.8	2875.5	2795.6	2704.9
52.5°	3530.0	3571.4	3602.3	3621.1	3602.3	3571.4	3530.0	3469.8	3390.1	3287.8	3164.0
50°	4236.5	4295.8	4333.5	4348.9	4333.5	4295.8	4236.5	4150.0	4034.9	3892.6	3728.1
47.5°	5120.4	5198.9	5257.1	5297.6	5257.1	5198.9	5120.4	5004.6	4844.4	4644.7	4414.6
45°	6271.8	6391.6	6472.8	6520.3	6472.8	6391.6	6271.8	6100.9	5869.5	5582.2	5256.0
42.5°	7812.3	7998.1	8111.9	8155.6	8111.9	7998.1	7812.3	7551.9	7218.6	6806.0	6373.4
40°	9599.9	9823.2	9969.6	10070.7	9969.6	9823.2	9599.9	9281.6	8878.5	8386.6	7850.2
37.5°	11462.0	11696.4	11839.0	11935.8	11839.0	11696.4	11462.0	11115.4	10663.8	10125.4	9491.4
35°	13361.6	13607.0	13740.7	13815.6	13740.7	13607.0	13361.6	12972.2	12455.7	11848.4	11158.7
32.5°	15311.8	15582.2	15727.7	15878.1	15727.7	15582.2	15311.8	14859.1	14265.1	13583.2	12826.9
30°	17348.7	17659.0	17811.1	17884.5	17811.1	17659.0	17348.7	16808.0	16123.7	15364.6	14510.0
27.5°	19468.1	19854.9	20045.5	20170.9	20045.5	19854.9	19468.1	18836.9	18054.7	17196.7	16216.1
25°	21673.5	22152.8	22371.0	22566.3	22371.0	22152.8	21673.5	20936.0	20062.7	19077.9	17954.8
22.5°	23961.7	24558.5	24811.2	24950.0	24811.2	24558.5	23961.7	23095.7	22112.7	20991.3	19735.3
20°	26309.5	27022.7	27373.8	27554.6	27373.8	27022.7	26309.5	25325.8	24188.1	22893.3	21494.1
17.5°	28710.4	29597.5	30051.9	30156.2	30051.9	29597.5	28710.4	27601.8	26281.9	24808.8	23209.1
15°	31067.3	32026.8	32564.0	32760.8	32564.0	32026.8	31067.3	29817.3	28343.9	26670.7	24870.0
12.5°	33299.4	34294.0	34935.8	35050.2	34935.8	34294.0	33299.4	31945.4	30354.4	28422.7	26429.2
10°	35323.8	36354.1	37063.0	37224.6	37063.0	36354.1	35323.8	33829.0	32009.5	29960.4	27764.1
7.5°	37016.2	38146.6	38929.8	39066.1	38929.8	38146.6	37016.2	35422.4	33409.2	31201.2	28857.4
5°	38254.4	39596.6	40239.4	40400.8	40239.4	39596.6	38254.4	36514.4	34428.0	32106.4	29656.3
2.5°	38933.6	40299.9	41193.5	41090.2	41193.5	40299.9	38933.6	37196.7	35052.7	32644.8	30130.1
0°	39010.1	40439.1	41293.5	41688.4	41293.5	40439.1	39010.1	37342.4	35206.3	32831.5	30218.1
-2.5°	38933.6	40299.9	41193.5	41090.2	41193.5	40299.9	38933.6	37196.7	35052.7	32644.8	30130.1
-5°	38254.4	39596.6	40239.4	40400.8	40239.4	39596.6	38254.4	36514.4	34428.0	32106.4	29656.3
-7.5°	37016.2	38146.6	38929.8	39066.1	38929.8	38146.6	37016.2	35422.4	33409.2	31201.2	28857.4
-10°	35323.8	36354.1	37063.0	37224.6	37063.0	36354.1	35323.8	33829.0	32009.5	29960.4	27764.1
-12.5°	33299.4	34294.0	34935.8	35050.2	34935.8	34294.0	33299.4	31945.4	30354.4	28422.7	26429.2
-15°	31067.3	32026.8	32564.0	32760.8	32564.0	32026.8	31067.3	29817.3	28343.9	26670.7	24870.0
-17.5°	28710.4	29597.5	30051.9	30156.2	30051.9	29597.5	28710.4	27601.8	26281.9	24808.8	23209.1
-20°	26309.5	27022.7	27373.8	27554.6	27373.8	27022.7	26309.5	25325.8	24188.1	22893.3	21494.1



REPORT NUMBER: P627983 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-727-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	23961.7	24558.5	24811.2	24950.0	24811.2	24558.5	23961.7	23095.7	22112.7	20991.3	19735.3
-25°	21673.5	22152.8	22371.0	22566.3	22371.0	22152.8	21673.5	20936.0	20062.7	19077.9	17954.8
-27.5°	19468.1	19854.9	20045.5	20170.9	20045.5	19854.9	19468.1	18836.9	18054.7	17196.7	16216.1
-30°	17348.7	17659.0	17811.1	17884.5	17811.1	17659.0	17348.7	16808.0	16123.7	15364.6	14510.0
-32.5°	15311.8	15582.2	15727.7	15878.1	15727.7	15582.2	15311.8	14859.1	14265.1	13583.2	12826.9
-35°	13361.6	13607.0	13740.7	13815.6	13740.7	13607.0	13361.6	12972.2	12455.7	11848.4	11158.7
-37.5°	11462.0	11696.4	11839.0	11935.8	11839.0	11696.4	11462.0	11115.4	10663.8	10125.4	9491.4
-40°	9599.9	9823.2	9969.6	10070.7	9969.6	9823.2	9599.9	9281.6	8878.5	8386.6	7850.2
-42.5°	7812.3	7998.1	8111.9	8155.6	8111.9	7998.1	7812.3	7551.9	7218.6	6806.0	6373.4
-45°	6271.8	6391.6	6472.8	6520.3	6472.8	6391.6	6271.8	6100.9	5869.5	5582.2	5256.0
-47.5°	5120.4	5198.9	5257.1	5297.6	5257.1	5198.9	5120.4	5004.6	4844.4	4644.7	4414.6
-50°	4236.5	4295.8	4333.5	4348.9	4333.5	4295.8	4236.5	4150.0	4034.9	3892.6	3728.1
-52.5°	3530.0	3571.4	3602.3	3621.1	3602.3	3571.4	3530.0	3469.8	3390.1	3287.8	3164.0
-55°	2987.4	3021.3	3036.5	3034.8	3036.5	3021.3	2987.4	2938.8	2875.5	2795.6	2704.9
-57.5°	2525.2	2550.8	2564.4	2566.3	2564.4	2550.8	2525.2	2489.7	2445.0	2390.3	2325.3
-60°	2149.4	2165.1	2174.9	2177.4	2174.9	2165.1	2149.4	2125.6	2093.8	2051.0	1999.8
-62.5°	1819.9	1834.9	1842.4	1841.5	1842.4	1834.9	1819.9	1797.6	1768.6	1734.5	1698.5
-65°	1473.4	1476.2	1482.3	1485.0	1482.3	1476.2	1473.4	1465.3	1452.1	1436.8	1416.5
-67.5°	1214.3	1213.3	1216.3	1216.9	1216.3	1213.3	1214.3	1211.3	1204.5	1192.2	1173.5
-70°	987.6	985.2	976.7	963.5	976.7	985.2	987.6	988.6	989.7	987.3	974.5
-72.5°	732.4	698.7	664.7	627.6	664.7	698.7	732.4	764.8	796.9	819.2	812.1
-75°	530.4	475.2	456.5	439.0	456.5	475.2	530.4	583.7	635.0	674.0	669.3
-77.5°	388.9	336.4	321.0	306.4	321.0	336.4	388.9	439.3	487.2	526.0	524.2
-80°	265.1	226.8	219.3	212.1	219.3	226.8	265.1	302.1	337.7	369.1	373.1
-82.5°	166.4	138.2	133.9	129.6	133.9	138.2	166.4	193.5	219.3	242.2	240.3
-85°	77.1	64.5	63.3	61.9	63.3	64.5	77.1	89.2	100.7	111.1	108.7
-87.5°	13.2	11.8	10.3	8.8	10.3	11.8	13.2	14.5	15.8	17.1	17.6
-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: P627983 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-727-U-WR-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°	18.0	18.4	18.7	19.6	20.4	21.1	21.7	21.0	20.3	19.5	18.8
85°	106.0	102.9	99.8	99.7	99.1	97.9	95.8	85.9	76.4	67.5	59.8
82.5°	237.4	233.3	227.9	220.0	212.0	204.0	194.8	174.2	154.2	135.2	119.4
80°	375.2	375.2	371.6	357.0	341.8	325.9	306.7	273.9	242.2	212.8	192.0
77.5°	521.5	518.1	510.9	491.4	471.6	451.7	426.5	384.1	341.8	301.1	274.7
75°	663.2	655.8	643.0	619.1	593.2	565.2	535.2	498.5	456.5	408.9	374.1
72.5°	803.1	792.1	775.3	749.9	721.2	690.9	659.2	623.3	582.1	535.3	500.2
70°	959.2	941.5	918.8	890.1	860.3	828.3	795.5	758.7	715.9	669.2	632.2
67.5°	1150.2	1122.2	1090.3	1056.2	1023.6	985.6	946.8	904.9	861.6	812.5	765.9
65°	1387.9	1350.3	1307.7	1270.9	1226.9	1175.0	1116.7	1065.8	1015.5	960.3	899.1
62.5°	1661.6	1624.8	1566.0	1505.5	1446.9	1387.6	1316.9	1245.6	1177.0	1107.8	1036.3
60°	1941.3	1875.3	1811.6	1742.3	1667.4	1587.1	1509.5	1428.2	1343.2	1259.8	1174.5
57.5°	2250.0	2168.5	2085.1	1995.7	1900.6	1809.2	1714.9	1613.8	1517.3	1416.4	1314.3
55°	2604.3	2506.1	2399.4	2282.4	2161.7	2053.1	1937.7	1821.9	1704.7	1577.7	1465.0
52.5°	3024.5	2901.9	2765.1	2613.5	2471.8	2328.0	2178.0	2046.5	1903.3	1762.2	1621.8
50°	3559.9	3386.2	3197.8	3006.6	2830.9	2641.1	2464.9	2291.9	2118.6	1955.2	1791.8
47.5°	4201.1	3971.3	3713.8	3476.4	3243.6	3008.4	2791.5	2562.8	2364.0	2158.2	1976.7
45°	4981.0	4674.8	4344.0	4042.4	3715.1	3431.1	3154.5	2891.6	2630.4	2398.0	2166.2
42.5°	5977.7	5531.6	5111.5	4711.6	4299.3	3925.8	3557.3	3245.7	2939.2	2651.5	2390.2
40°	7259.6	6609.8	6070.4	5496.3	4997.3	4497.0	4056.6	3624.7	3276.4	2935.6	2616.8
37.5°	8773.2	8012.5	7242.4	6456.7	5806.8	5178.4	4611.4	4102.9	3629.1	3241.7	2873.8
35°	10373.8	9514.5	8592.2	7671.7	6722.8	5961.7	5241.3	4614.7	4061.9	3562.1	3138.3
32.5°	11970.7	11027.4	10011.9	8961.9	7895.9	6830.4	5965.8	5189.7	4498.1	3928.9	3427.3
30°	13567.0	12531.6	11419.3	10272.5	9103.1	7907.2	6727.4	5820.8	5008.9	4295.1	3718.1
27.5°	15168.5	14046.5	12829.1	11567.4	10306.8	9002.7	7695.3	6472.0	5523.7	4716.9	4037.2
25°	16771.6	15517.0	14210.0	12836.7	11462.1	10075.9	8631.5	7267.7	6101.0	5139.1	4331.3
22.5°	18379.7	16971.0	15514.0	14038.7	12560.7	11079.3	9567.6	8047.2	6647.9	5568.4	4675.5
20°	19968.6	18386.4	16791.5	15192.4	13599.1	12014.9	10434.6	8811.5	7290.9	6012.9	4996.8
17.5°	21499.0	19741.4	18009.9	16276.4	14572.1	12892.6	11211.8	9516.8	7865.0	6408.5	5280.5
15°	22956.5	21038.8	19158.2	17296.8	15457.7	13653.9	11900.1	10136.1	8387.2	6821.3	5591.5
12.5°	24331.9	22238.9	20190.2	18169.9	16215.8	14325.3	12501.9	10679.7	8879.0	7223.3	5868.8
10°	25506.4	23261.0	21056.0	18925.4	16872.3	14896.2	12998.5	11139.6	9300.6	7557.8	6095.6
7.5°	26461.5	24082.9	21757.8	19522.4	17387.0	15350.8	13382.0	11492.6	9634.4	7819.3	6270.6
5°	27159.5	24687.2	22277.7	19964.8	17743.5	15681.7	13652.6	11733.9	9876.3	8005.3	6393.0
2.5°	27592.3	25052.9	22587.0	20233.6	17951.1	15880.4	13809.6	11879.8	10014.4	8107.5	6469.8
0°	27672.4	25224.0	22684.2	20262.3	18070.2	15939.9	13850.9	11932.8	10050.1	8129.1	6493.8
-2.5°	27592.3	25052.9	22587.0	20233.6	17951.1	15880.4	13809.6	11879.8	10014.4	8107.5	6469.8
-5°	27159.5	24687.2	22277.7	19964.8	17743.5	15681.7	13652.6	11733.9	9876.3	8005.3	6393.0
-7.5°	26461.5	24082.9	21757.8	19522.4	17387.0	15350.8	13382.0	11492.6	9634.4	7819.3	6270.6
-10°	25506.4	23261.0	21056.0	18925.4	16872.3	14896.2	12998.5	11139.6	9300.6	7557.8	6095.6
-12.5°	24331.9	22238.9	20190.2	18169.9	16215.8	14325.3	12501.9	10679.7	8879.0	7223.3	5868.8
-15°	22956.5	21038.8	19158.2	17296.8	15457.7	13653.9	11900.1	10136.1	8387.2	6821.3	5591.5
-17.5°	21499.0	19741.4	18009.9	16276.4	14572.1	12892.6	11211.8	9516.8	7865.0	6408.5	5280.5
-20°	19968.6	18386.4	16791.5	15192.4	13599.1	12014.9	10434.6	8811.5	7290.9	6012.9	4996.8



REPORT NUMBER: P627983 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-727-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	18379.7	16971.0	15514.0	14038.7	12560.7	11079.3	9567.6	8047.2	6647.9	5568.4	4675.5
-25°	16771.6	15517.0	14210.0	12836.7	11462.1	10075.9	8631.5	7267.7	6101.0	5139.1	4331.3
-27.5°	15168.5	14046.5	12829.1	11567.4	10306.8	9002.7	7695.3	6472.0	5523.7	4716.9	4037.2
-30°	13567.0	12531.6	11419.3	10272.5	9103.1	7907.2	6727.4	5820.8	5008.9	4295.1	3718.1
-32.5°	11970.7	11027.4	10011.9	8961.9	7895.9	6830.4	5965.8	5189.7	4498.1	3928.9	3427.3
-35°	10373.8	9514.5	8592.2	7671.7	6722.8	5961.7	5241.3	4614.7	4061.9	3562.1	3138.3
-37.5°	8773.2	8012.5	7242.4	6456.7	5806.8	5178.4	4611.4	4102.9	3629.1	3241.7	2873.8
-40°	7259.6	6609.8	6070.4	5496.3	4997.3	4497.0	4056.6	3624.7	3276.4	2935.6	2616.8
-42.5°	5977.7	5531.6	5111.5	4711.6	4299.3	3925.8	3557.3	3245.7	2939.2	2651.5	2390.2
-45°	4981.0	4674.8	4344.0	4042.4	3715.1	3431.1	3154.5	2891.6	2630.4	2398.0	2166.2
-47.5°	4201.1	3971.3	3713.8	3476.4	3243.6	3008.4	2791.5	2562.8	2364.0	2158.2	1976.7
-50°	3559.9	3386.2	3197.8	3006.6	2830.9	2641.1	2464.9	2291.9	2118.6	1955.2	1791.8
-52.5°	3024.5	2901.9	2765.1	2613.5	2471.8	2328.0	2178.0	2046.5	1903.3	1762.2	1621.8
-55°	2604.3	2506.1	2399.4	2282.4	2161.7	2053.1	1937.7	1821.9	1704.7	1577.7	1465.0
-57.5°	2250.0	2168.5	2085.1	1995.7	1900.6	1809.2	1714.9	1613.8	1517.3	1416.4	1314.3
-60°	1941.3	1875.3	1811.6	1742.3	1667.4	1587.1	1509.5	1428.2	1343.2	1259.8	1174.5
-62.5°	1661.6	1624.8	1566.0	1505.5	1446.9	1387.6	1316.9	1245.6	1177.0	1107.8	1036.3
-65°	1387.9	1350.3	1307.7	1270.9	1226.9	1175.0	1116.7	1065.8	1015.5	960.3	899.1
-67.5°	1150.2	1122.2	1090.3	1056.2	1023.6	985.6	946.8	904.9	861.6	812.5	765.9
-70°	959.2	941.5	918.8	890.1	860.3	828.3	795.5	758.7	715.9	669.2	632.2
-72.5°	803.1	792.1	775.3	749.9	721.2	690.9	659.2	623.3	582.1	535.3	500.2
-75°	663.2	655.8	643.0	619.1	593.2	565.2	535.2	498.5	456.5	408.9	374.1
-77.5°	521.5	518.1	510.9	491.4	471.6	451.7	426.5	384.1	341.8	301.1	274.7
-80°	375.2	375.2	371.6	357.0	341.8	325.9	306.7	273.9	242.2	212.8	192.0
-82.5°	237.4	233.3	227.9	220.0	212.0	204.0	194.8	174.2	154.2	135.2	119.4
-85°	106.0	102.9	99.8	99.7	99.1	97.9	95.8	85.9	76.4	67.5	59.8
-87.5°	18.0	18.4	18.7	19.6	20.4	21.1	21.7	21.0	20.3	19.5	18.8
-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: P627983 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-U-WR-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°	20.9	22.7	24.2	25.4	26.1	26.5	26.6	26.2	25.1	23.7	21.9
85°	62.5	63.8	63.5	61.6	57.5	53.2	53.2	52.4	50.2	47.4	43.9
82.5°	124.1	128.0	130.1	129.2	121.3	112.7	103.7	94.3	84.1	72.5	65.8
80°	199.3	203.8	205.2	201.9	187.6	172.3	159.0	145.4	131.9	116.8	99.8
77.5°	280.5	283.8	284.6	279.4	261.3	241.7	220.7	198.6	179.8	160.9	139.9
75°	367.9	369.0	368.2	358.7	336.5	311.2	285.7	258.2	230.7	205.1	179.8
72.5°	481.3	465.8	454.2	439.0	414.4	386.0	353.4	316.9	282.1	249.4	219.0
70°	599.8	567.1	541.7	518.4	491.3	461.2	425.1	379.2	332.6	293.0	256.0
67.5°	723.7	683.1	642.3	599.7	566.3	532.4	495.9	440.8	384.9	335.7	292.3
65°	844.2	794.1	748.0	692.6	644.1	602.7	561.5	499.0	435.3	377.9	327.7
62.5°	965.6	898.5	840.6	780.7	722.2	670.9	624.3	553.2	483.5	418.3	361.3
60°	1090.4	1011.7	932.9	863.7	797.7	735.5	677.5	605.8	530.2	456.9	393.1
57.5°	1219.7	1125.2	1035.1	948.9	871.9	800.3	728.6	654.2	575.4	495.9	421.8
55°	1350.2	1243.4	1137.6	1038.8	947.6	866.1	781.6	700.5	618.6	534.1	444.7
52.5°	1490.2	1365.1	1245.8	1130.4	1026.0	930.1	838.2	745.9	659.8	570.7	469.6
50°	1638.6	1494.0	1357.7	1228.6	1103.8	997.1	893.4	795.5	700.0	606.0	492.9
47.5°	1794.4	1630.8	1475.6	1327.8	1192.1	1061.9	951.2	844.3	739.1	640.9	514.2
45°	1966.1	1771.4	1596.7	1434.4	1276.8	1135.4	1008.2	891.5	781.4	666.0	533.3
42.5°	2138.5	1923.1	1722.3	1537.6	1369.2	1209.6	1062.9	940.4	822.2	688.8	552.1
40°	2337.4	2078.2	1848.7	1648.5	1460.2	1280.5	1125.8	987.6	860.1	711.5	570.3
37.5°	2531.3	2245.2	1986.7	1754.2	1550.0	1360.5	1186.7	1032.5	890.1	736.4	586.7
35°	2759.8	2417.5	2118.0	1866.2	1642.6	1436.6	1243.9	1078.4	922.9	760.2	601.4
32.5°	2981.8	2593.0	2265.8	1980.9	1729.9	1508.7	1304.6	1125.3	956.4	782.8	614.2
30°	3225.7	2783.9	2405.2	2088.3	1816.6	1582.9	1365.7	1169.5	990.1	804.2	626.7
27.5°	3459.9	2959.9	2540.8	2202.0	1908.3	1652.2	1422.2	1210.9	1024.0	826.6	642.3
25°	3692.1	3149.9	2690.3	2310.4	1992.5	1715.4	1474.2	1249.6	1057.1	851.6	656.2
22.5°	3944.1	3333.9	2825.0	2407.7	2068.7	1773.0	1523.7	1291.8	1087.6	875.4	668.4
20°	4175.7	3499.9	2945.3	2501.0	2144.3	1835.2	1570.2	1329.7	1114.9	897.9	678.8
17.5°	4394.2	3668.7	3079.5	2601.7	2215.8	1890.0	1611.0	1363.0	1139.1	918.5	687.1
15°	4623.6	3836.5	3200.3	2689.0	2277.7	1937.3	1646.2	1391.5	1159.9	937.1	695.0
12.5°	4819.4	3978.3	3301.8	2762.4	2329.7	1976.9	1675.4	1415.4	1177.2	952.8	702.1
10°	4980.7	4093.5	3383.7	2821.7	2371.6	2008.7	1698.7	1434.6	1191.7	965.1	706.0
7.5°	5106.3	4181.4	3445.6	2866.6	2403.7	2033.5	1718.1	1449.7	1202.9	973.7	706.9
5°	5194.2	4242.7	3491.0	2898.0	2428.1	2051.3	1731.9	1459.7	1210.5	978.4	704.8
2.5°	5240.3	4277.5	3518.9	2914.8	2442.1	2061.0	1739.7	1464.6	1214.2	979.0	699.9
0°	5247.5	4284.0	3526.8	2916.9	2445.5	2062.5	1741.3	1464.4	1213.9	975.3	692.4
-2.5°	5240.3	4277.5	3518.9	2914.8	2442.1	2061.0	1739.7	1464.6	1214.2	979.0	699.9
-5°	5194.2	4242.7	3491.0	2898.0	2428.1	2051.3	1731.9	1459.7	1210.5	978.4	704.8
-7.5°	5106.3	4181.4	3445.6	2866.6	2403.7	2033.5	1718.1	1449.7	1202.9	973.7	706.9
-10°	4980.7	4093.5	3383.7	2821.7	2371.6	2008.7	1698.7	1434.6	1191.7	965.1	706.0
-12.5°	4819.4	3978.3	3301.8	2762.4	2329.7	1976.9	1675.4	1415.4	1177.2	952.8	702.1
-15°	4623.6	3836.5	3200.3	2689.0	2277.7	1937.3	1646.2	1391.5	1159.9	937.1	695.0
-17.5°	4394.2	3668.7	3079.5	2601.7	2215.8	1890.0	1611.0	1363.0	1139.1	918.5	687.1
-20°	4175.7	3499.9	2945.3	2501.0	2144.3	1835.2	1570.2	1329.7	1114.9	897.9	678.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627983 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	3944.1	3333.9	2825.0	2407.7	2068.7	1773.0	1523.7	1291.8	1087.6	875.4	668.4
-25°	3692.1	3149.9	2690.3	2310.4	1992.5	1715.4	1474.2	1249.6	1057.1	851.6	656.2
-27.5°	3459.9	2959.9	2540.8	2202.0	1908.3	1652.2	1422.2	1210.9	1024.0	826.6	642.3
-30°	3225.7	2783.9	2405.2	2088.3	1816.6	1582.9	1365.7	1169.5	990.1	804.2	626.7
-32.5°	2981.8	2593.0	2265.8	1980.9	1729.9	1508.7	1304.6	1125.3	956.4	782.8	614.2
-35°	2759.8	2417.5	2118.0	1866.2	1642.6	1436.6	1243.9	1078.4	922.9	760.2	601.4
-37.5°	2531.3	2245.2	1986.7	1754.2	1550.0	1360.5	1186.7	1032.5	890.1	736.4	586.7
-40°	2337.4	2078.2	1848.7	1648.5	1460.2	1280.5	1125.8	987.6	860.1	711.5	570.3
-42.5°	2138.5	1923.1	1722.3	1537.6	1369.2	1209.6	1062.9	940.4	822.2	688.8	552.1
-45°	1966.1	1771.4	1596.7	1434.4	1276.8	1135.4	1008.2	891.5	781.4	666.0	533.3
-47.5°	1794.4	1630.8	1475.6	1327.8	1192.1	1061.9	951.2	844.3	739.1	640.9	514.2
-50°	1638.6	1494.0	1357.7	1228.6	1103.8	997.1	893.4	795.5	700.0	606.0	492.9
-52.5°	1490.2	1365.1	1245.8	1130.4	1026.0	930.1	838.2	745.9	659.8	570.7	469.6
-55°	1350.2	1243.4	1137.6	1038.8	947.6	866.1	781.6	700.5	618.6	534.1	444.7
-57.5°	1219.7	1125.2	1035.1	948.9	871.9	800.3	728.6	654.2	575.4	495.9	421.8
-60°	1090.4	1011.7	932.9	863.7	797.7	735.5	677.5	605.8	530.2	456.9	393.1
-62.5°	965.6	898.5	840.6	780.7	722.2	670.9	624.3	553.2	483.5	418.3	361.3
-65°	844.2	794.1	748.0	692.6	644.1	602.7	561.5	499.0	435.3	377.9	327.7
-67.5°	723.7	683.1	642.3	599.7	566.3	532.4	495.9	440.8	384.9	335.7	292.3
-70°	599.8	567.1	541.7	518.4	491.3	461.2	425.1	379.2	332.6	293.0	256.0
-72.5°	481.3	465.8	454.2	439.0	414.4	386.0	353.4	316.9	282.1	249.4	219.0
-75°	367.9	369.0	368.2	358.7	336.5	311.2	285.7	258.2	230.7	205.1	179.8
-77.5°	280.5	283.8	284.6	279.4	261.3	241.7	220.7	198.6	179.8	160.9	139.9
-80°	199.3	203.8	205.2	201.9	187.6	172.3	159.0	145.4	131.9	116.8	99.8
-82.5°	124.1	128.0	130.1	129.2	121.3	112.7	103.7	94.3	84.1	72.5	65.8
-85°	62.5	63.8	63.5	61.6	57.5	53.2	53.2	52.4	50.2	47.4	43.9
-87.5°	20.9	22.7	24.2	25.4	26.1	26.5	26.6	26.2	25.1	23.7	21.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627983 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-U-WR-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°	19.8	15.5	11.5	8.0	4.9	2.1	0.0
85°	39.5	30.9	23.0	15.9	9.7	4.2	0.0
82.5°	59.1	46.1	34.4	23.8	14.6	6.3	0.0
80°	80.3	61.2	45.6	31.6	19.3	8.4	0.0
77.5°	114.6	79.7	56.7	39.4	24.1	10.5	0.0
75°	148.0	104.1	68.7	47.0	28.7	12.5	0.0
72.5°	180.3	127.9	85.1	54.4	33.2	14.5	0.0
70°	210.9	150.7	100.9	62.2	37.7	16.5	0.0
67.5°	237.5	172.4	116.0	71.8	42.0	18.4	0.0
65°	262.8	192.4	130.4	81.0	46.1	20.2	0.0
62.5°	286.7	210.7	144.0	89.8	50.1	22.0	0.0
60°	309.1	227.9	156.6	98.0	54.0	23.8	0.0
57.5°	329.3	243.9	168.5	105.7	58.6	25.5	0.0
55°	347.9	258.7	179.4	112.8	63.2	27.1	0.0
52.5°	365.0	272.2	189.5	119.3	67.5	28.7	0.0
50°	380.5	284.6	198.7	125.2	71.6	30.1	0.0
47.5°	394.9	295.8	206.9	130.5	75.6	31.5	0.0
45°	411.1	305.7	214.1	135.9	79.3	32.8	0.0
42.5°	425.5	314.3	220.3	140.6	82.9	34.1	0.0
40°	438.1	321.5	225.9	145.7	86.2	35.2	0.0
37.5°	448.9	327.5	230.9	151.0	89.3	36.3	0.0
35°	457.9	334.2	235.0	155.8	92.1	37.2	0.0
32.5°	466.2	340.5	238.1	160.2	94.7	38.1	0.0
30°	475.3	345.4	240.2	164.2	97.1	38.9	0.0
27.5°	482.8	349.0	245.4	167.7	99.3	39.6	0.0
25°	488.7	351.1	250.3	170.8	101.1	40.2	0.0
22.5°	492.8	353.8	254.7	173.4	102.8	40.7	0.0
20°	495.2	360.2	258.4	175.5	104.2	41.1	0.0
17.5°	500.7	365.5	261.5	177.3	105.3	41.4	0.0
15°	507.4	369.7	264.0	178.5	106.2	41.6	0.0
12.5°	512.2	372.7	265.9	179.3	106.8	41.8	0.0
10°	515.2	374.5	267.1	179.7	107.2	41.8	0.0
7.5°	516.4	375.3	267.6	179.6	107.3	41.8	0.0
5°	515.9	375.0	267.5	179.1	107.1	41.7	0.0
2.5°	513.6	373.6	266.7	178.1	106.7	41.5	0.0
0°	509.7	371.2	265.2	176.8	106.1	41.2	0.0
-2.5°	513.6	373.6	266.7	178.1	106.7	41.5	0.0
-5°	515.9	375.0	267.5	179.1	107.1	41.7	0.0
-7.5°	516.4	375.3	267.6	179.6	107.3	41.8	0.0
-10°	515.2	374.5	267.1	179.7	107.2	41.8	0.0
-12.5°	512.2	372.7	265.9	179.3	106.8	41.8	0.0
-15°	507.4	369.7	264.0	178.5	106.2	41.6	0.0
-17.5°	500.7	365.5	261.5	177.3	105.3	41.4	0.0
-20°	495.2	360.2	258.4	175.5	104.2	41.1	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627983 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	492.8	353.8	254.7	173.4	102.8	40.7	0.0
-25°	488.7	351.1	250.3	170.8	101.1	40.2	0.0
-27.5°	482.8	349.0	245.4	167.7	99.3	39.6	0.0
-30°	475.3	345.4	240.2	164.2	97.1	38.9	0.0
-32.5°	466.2	340.5	238.1	160.2	94.7	38.1	0.0
-35°	457.9	334.2	235.0	155.8	92.1	37.2	0.0
-37.5°	448.9	327.5	230.9	151.0	89.3	36.3	0.0
-40°	438.1	321.5	225.9	145.7	86.2	35.2	0.0
-42.5°	425.5	314.3	220.3	140.6	82.9	34.1	0.0
-45°	411.1	305.7	214.1	135.9	79.3	32.8	0.0
-47.5°	394.9	295.8	206.9	130.5	75.6	31.5	0.0
-50°	380.5	284.6	198.7	125.2	71.6	30.1	0.0
-52.5°	365.0	272.2	189.5	119.3	67.5	28.7	0.0
-55°	347.9	258.7	179.4	112.8	63.2	27.1	0.0
-57.5°	329.3	243.9	168.5	105.7	58.6	25.5	0.0
-60°	309.1	227.9	156.6	98.0	54.0	23.8	0.0
-62.5°	286.7	210.7	144.0	89.8	50.1	22.0	0.0
-65°	262.8	192.4	130.4	81.0	46.1	20.2	0.0
-67.5°	237.5	172.4	116.0	71.8	42.0	18.4	0.0
-70°	210.9	150.7	100.9	62.2	37.7	16.5	0.0
-72.5°	180.3	127.9	85.1	54.4	33.2	14.5	0.0
-75°	148.0	104.1	68.7	47.0	28.7	12.5	0.0
-77.5°	114.6	79.7	56.7	39.4	24.1	10.5	0.0
-80°	80.3	61.2	45.6	31.6	19.3	8.4	0.0
-82.5°	59.1	46.1	34.4	23.8	14.6	6.3	0.0
-85°	39.5	30.9	23.0	15.9	9.7	4.2	0.0
-87.5°	19.8	15.5	11.5	8.0	4.9	2.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)