

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: P628002 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-735-U-WR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P628002 (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-SA6E-735-U-WR-VSR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR  
Light Source: (96) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

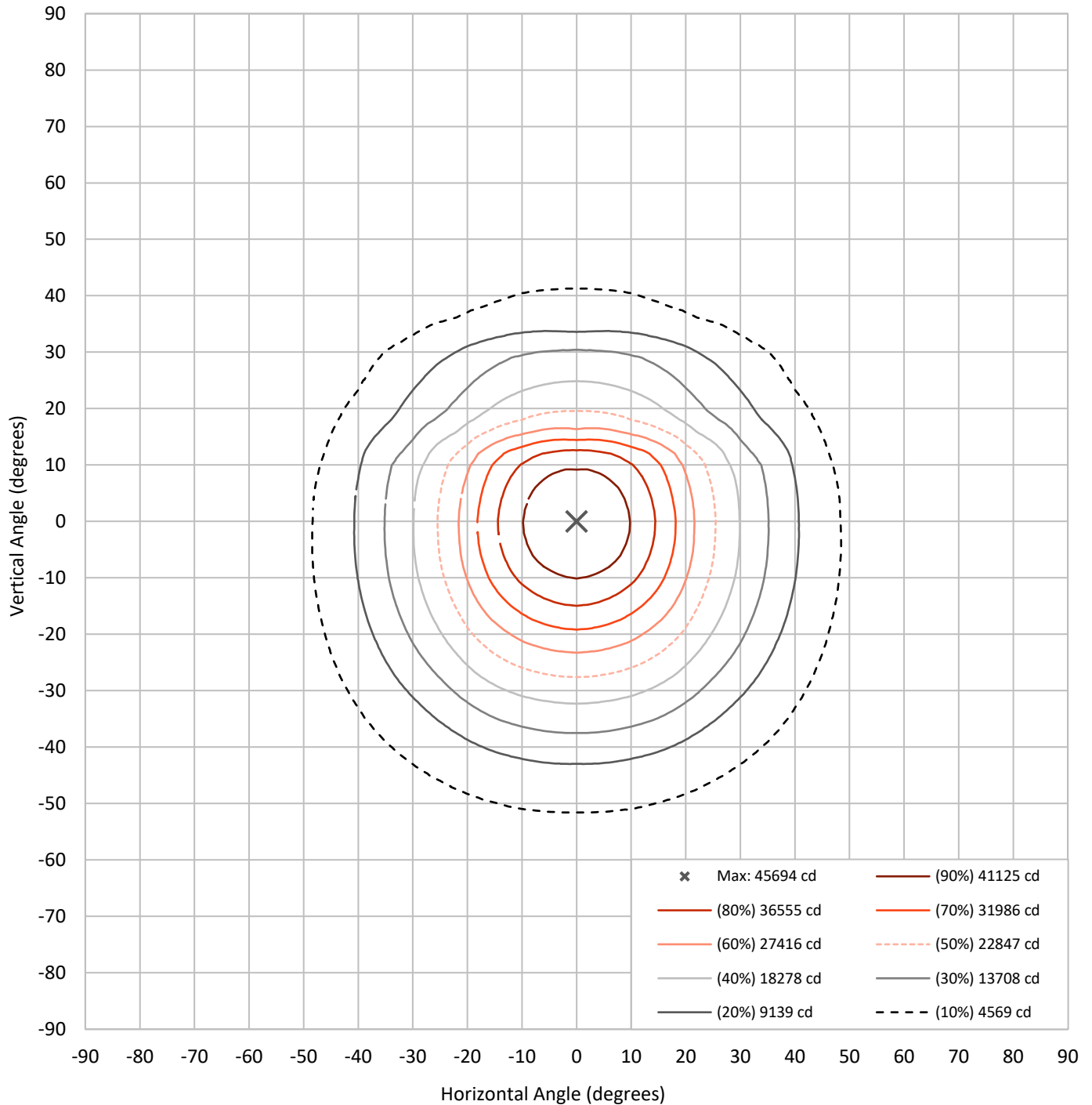
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	40312 lumens	Max Intensity:	45694 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	107.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' 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:	19408.3 lumens	Field Lumens:	36093 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
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		



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### Iso-Candela Plot





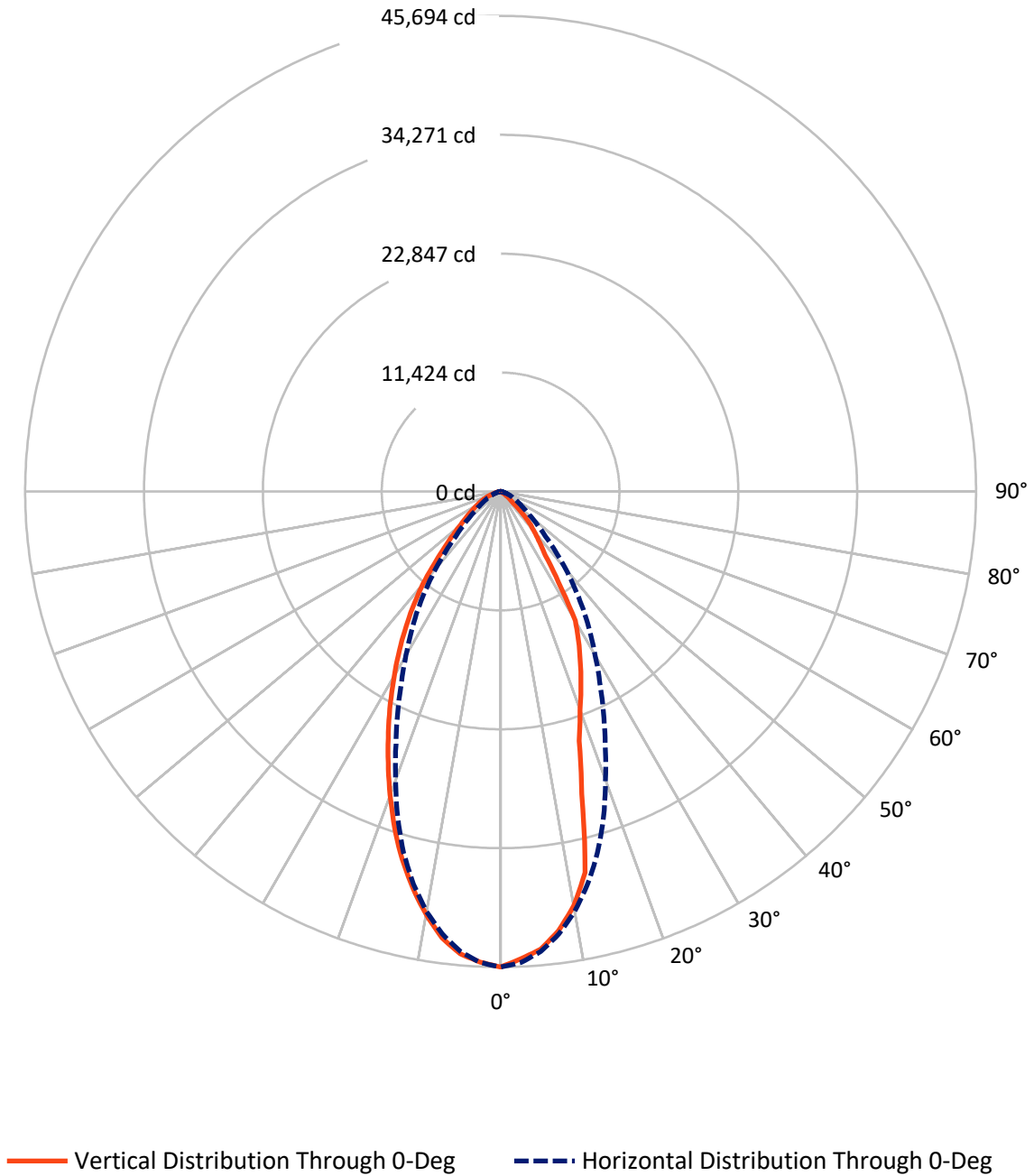
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### Lumen Table

90																			
80	0.0	0.2		0.3		0.0		0.0		0.0		0.3		0.2		0.0			
70																			
60	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2			
50		0.9	2.1	3.8	6.3	9.3	12.7	14.3	14.3	12.7	9.3	6.3	3.8	2.1	0.9				
40	1.7	3.1	7.8	16.4	30.0	49.2	71.0	87.1	87.1	71.0	49.2	30.0	16.4	7.8	3.1	1.7			
30		6.1	15.7	36.5	75.3	138.3	211.4	254.2	254.2	211.4	138.3	75.3	36.5	15.7	6.1				
20	4.4	9.6	25.5	66.2	156.6	294.0	447.5	539.3	539.3	447.5	294.0	156.6	66.2	25.5	9.6	4.4			
10		13.1	36.4	103.7	257.6	476.4	744.4	920.3	920.3	744.4	476.4	257.6	103.7	36.4	13.1				
0	6.3	15.2	45.7	134.3	338.3	630.5	1012.3	1283.5	1283.5	1012.3	630.5	338.3	134.3	45.7	15.2	6.3			
-10		15.9	47.6	138.5	343.1	639.6	1022.6	1291.5	1291.5	1022.6	639.6	343.1	138.5	47.6	15.9				
-20	6.7	15.7	45.1	123.4	304.0	561.6	865.7	1068.3	1068.3	865.7	561.6	304.0	123.4	45.1	15.7	6.7			
-30		14.4	39.0	96.6	226.9	423.4	631.0	756.6	756.6	631.0	423.4	226.9	96.6	39.0	14.4				
-40	5.7	12.6	31.6	69.8	142.8	262.7	396.3	471.8	471.8	396.3	262.7	142.8	69.8	31.6	12.6	5.7			
-50		10.5	24.4	48.2	85.8	137.5	197.2	234.8	234.8	197.2	137.5	85.8	48.2	24.4	10.5				
-60	3.6	8.2	17.8	32.1	52.4	75.4	97.5	110.3	110.3	97.5	75.4	52.4	32.1	17.8	8.2	3.6			
-70		5.7	11.9	19.8	30.4	41.4	50.7	55.3	55.3	50.7	41.4	30.4	19.8	11.9	5.7				
-80																			
-90	1.0	11.5		29.6		52.9		48.3		52.9		29.6		11.5		1.0			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

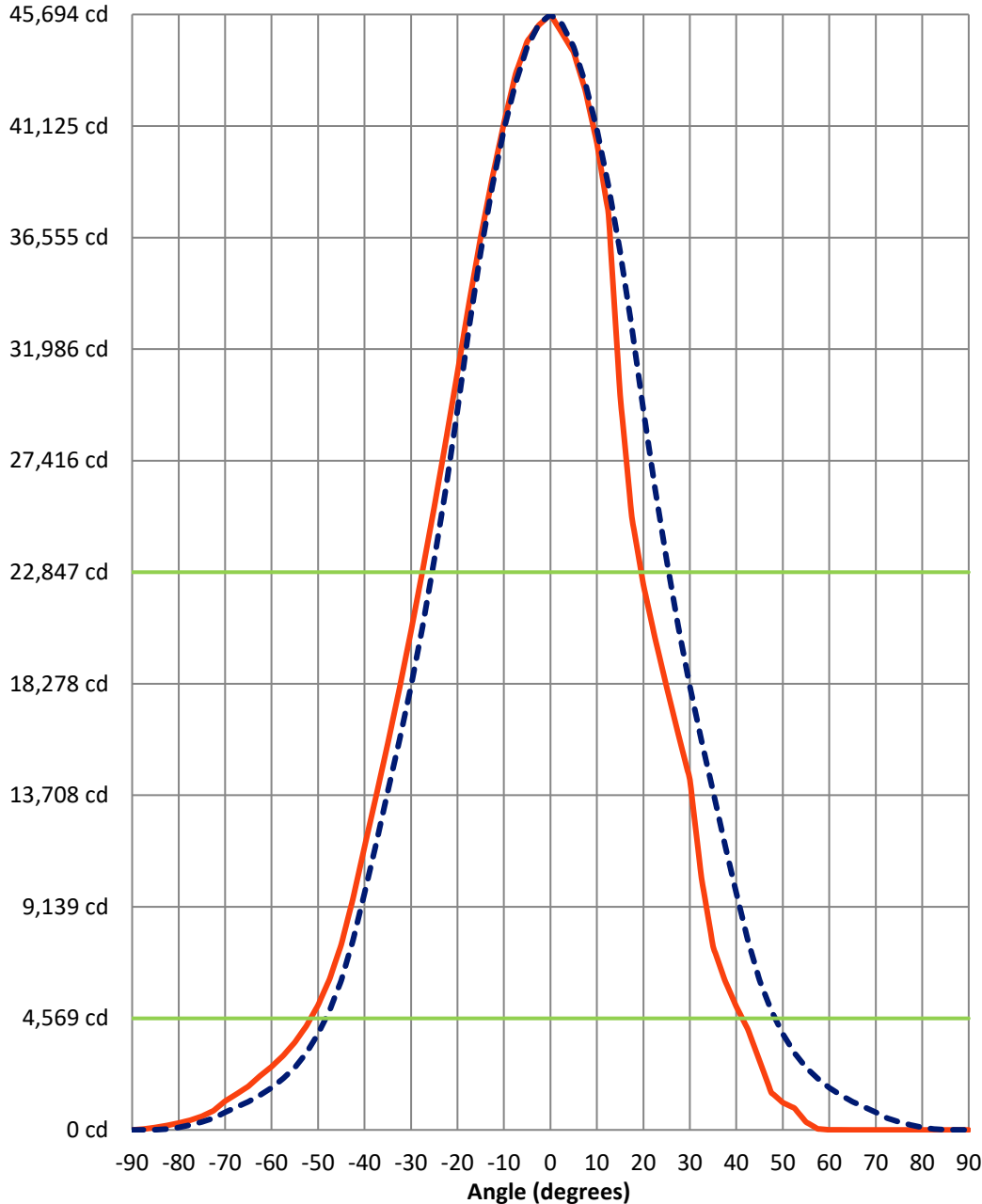
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 50.9°  
 V Angle: 47.1°  
 Lumens: 19408.3  
 Efficiency: 48.1%

**Field:**  
 H Angle: 96.7°  
 V Angle: 92.9°  
 Lumens: 36093  
 Efficiency: 89.5%

**Spill:**  
 Lumens: 4219.1  
 Efficiency: 10.5%

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



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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	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.3	1.4
85°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.5	2.8
82.5°	0.0	0.4	0.9	1.3	1.7	2.1	2.6	3.0	3.3	3.3	3.3
80°	0.0	0.6	1.1	1.7	2.3	2.8	3.3	3.3	3.3	3.3	3.3
77.5°	0.0	0.7	1.4	2.1	2.8	3.3	3.3	3.3	3.3	3.3	3.3
75°	0.0	0.9	1.7	2.6	3.3	3.3	3.3	3.3	3.3	3.3	3.3
72.5°	0.0	1.0	2.0	3.0	3.3	3.3	3.3	3.3	3.3	3.3	3.3
70°	0.0	1.1	2.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.6
67.5°	0.0	1.3	2.5	3.3	3.3	3.3	3.6	3.3	3.3	4.3	4.1
65°	0.0	1.4	2.8	3.3	3.3	3.7	4.0	3.3	4.7	5.4	6.3
62.5°	0.0	1.5	3.0	3.3	3.3	4.4	4.5	4.5	6.2	8.8	13.6
60°	0.0	1.6	3.3	3.3	3.3	5.3	5.1	6.2	7.9	21.6	23.4
57.5°	0.0	1.8	3.3	3.3	4.2	6.2	8.8	8.4	21.3	36.4	40.0
55°	0.0	1.9	3.4	3.3	5.2	7.2	13.5	12.4	39.0	54.9	62.1
52.5°	0.0	2.0	3.4	3.3	6.2	9.1	18.9	30.7	58.2	81.5	87.9
50°	0.0	2.1	3.5	3.3	7.3	14.7	24.9	50.8	81.4	110.9	134.1
47.5°	0.0	2.2	3.6	3.5	8.5	20.8	33.2	71.0	111.7	143.3	182.0
45°	0.0	2.3	3.7	4.4	9.7	27.2	50.9	91.5	142.3	185.7	229.2
42.5°	0.0	2.4	3.8	5.3	10.9	34.0	68.5	115.5	172.7	227.5	281.7
40°	0.0	2.5	3.9	6.5	14.3	41.1	86.0	141.9	204.3	268.3	336.5
37.5°	0.0	2.6	4.0	7.9	19.9	48.6	103.4	168.0	238.6	310.4	392.5
35°	0.0	2.7	4.2	9.4	25.5	60.4	120.6	193.6	273.0	360.5	453.3
32.5°	0.0	2.8	4.3	11.1	31.2	74.0	138.8	218.9	307.5	412.0	521.8
30°	0.0	2.9	4.5	12.8	37.0	87.2	159.2	244.5	341.9	464.6	590.8
27.5°	0.0	2.9	4.6	14.7	43.6	100.1	179.0	272.6	379.7	518.1	660.1
25°	0.0	3.0	4.8	16.6	50.1	112.5	198.1	300.1	423.3	574.9	729.4
22.5°	0.0	3.0	5.0	18.6	56.5	124.6	216.4	326.8	466.4	632.5	799.6
20°	0.0	3.1	5.1	20.6	62.7	136.3	233.8	352.6	508.8	688.8	866.6
17.5°	0.0	3.1	5.3	22.7	68.7	147.4	249.9	377.4	550.1	743.5	930.0
15°	0.0	3.2	5.5	24.8	74.4	157.7	264.8	399.5	590.0	796.2	989.8
12.5°	0.0	3.2	5.7	26.8	79.8	167.3	278.3	417.9	623.1	846.5	1045.8
10°	0.0	3.2	5.9	28.8	84.9	176.1	290.6	434.3	649.5	876.3	1089.8
7.5°	0.0	3.3	6.0	30.8	89.6	184.0	301.6	448.8	672.6	898.9	1112.8
5°	0.0	3.3	6.2	32.6	93.9	191.1	311.3	461.2	692.5	916.9	1131.4
2.5°	0.0	3.3	6.4	34.3	97.8	197.2	319.6	471.5	708.7	930.5	1145.6
0°	0.0	3.3	6.5	35.9	101.2	202.4	326.4	479.8	721.3	940.0	1155.4
-2.5°	0.0	3.5	7.5	38.2	105.8	208.8	335.3	493.6	735.4	953.6	1170.7
-5°	0.0	3.7	8.5	40.3	109.9	214.1	342.7	505.2	745.7	963.4	1181.6
-7.5°	0.0	3.9	9.4	42.1	113.4	218.5	348.4	514.2	752.3	969.4	1188.0
-10°	0.0	4.1	10.3	43.8	116.2	221.7	352.6	520.7	755.0	971.8	1190.0
-12.5°	0.0	4.3	11.2	45.2	118.4	223.9	355.1	524.4	754.1	970.3	1184.5
-15°	0.0	4.4	12.0	46.4	119.8	224.9	355.8	525.1	748.7	961.9	1173.0
-17.5°	0.0	4.6	12.7	47.3	120.5	224.8	354.8	524.1	739.0	950.4	1157.1
-20°	0.0	4.7	13.4	47.8	120.3	223.5	353.8	521.7	726.9	936.1	1136.8

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA6E-735-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	4.8	14.0	48.1	119.3	221.0	354.0	516.9	712.5	919.0	1112.1
-25°	0.0	4.9	14.6	48.1	117.5	220.2	352.4	510.1	696.2	899.4	1083.1
-27.5°	0.0	4.9	15.0	47.8	114.8	219.3	349.0	501.0	678.1	876.8	1056.4
-30°	0.0	5.0	15.4	47.1	111.5	216.9	343.9	489.9	662.1	851.3	1027.6
-32.5°	0.0	5.0	15.6	46.1	110.1	213.2	337.0	480.7	646.3	824.7	996.8
-35°	0.0	5.0	15.8	44.8	107.8	208.1	330.4	470.7	628.4	797.3	964.1
-37.5°	0.0	5.0	15.8	43.1	104.5	202.5	322.9	458.6	608.4	769.0	925.6
-40°	0.0	4.9	15.8	41.1	100.4	197.6	313.6	444.4	586.4	742.7	884.5
-42.5°	0.0	4.9	15.6	39.2	97.3	191.4	302.5	428.3	566.1	708.5	840.7
-45°	0.0	4.8	15.4	37.7	95.5	183.9	289.6	411.3	545.2	671.9	795.3
-47.5°	0.0	4.7	15.0	35.6	92.6	175.2	275.0	394.0	521.8	634.0	753.1
-50°	0.0	4.5	14.6	35.0	88.7	165.3	262.2	374.6	491.1	599.5	709.8
-52.5°	0.0	4.4	14.0	34.5	83.8	154.1	248.3	353.1	460.6	563.5	665.7
-55°	0.0	4.2	13.4	33.6	78.0	145.1	233.0	330.1	429.1	525.9	624.2
-57.5°	0.0	4.0	12.6	32.2	71.3	135.3	216.2	309.6	396.0	488.1	581.2
-60°	0.0	3.8	11.8	30.5	63.9	124.1	198.3	284.9	362.1	448.8	536.9
-62.5°	0.0	3.5	11.1	28.3	59.5	111.6	180.9	257.5	328.5	408.0	491.1
-65°	0.0	3.3	10.3	25.8	54.4	97.9	161.8	228.8	292.7	364.9	443.6
-67.5°	0.0	3.0	9.4	23.0	48.7	85.7	141.2	200.0	255.0	319.4	390.9
-70°	0.0	2.7	8.5	19.8	42.3	75.2	119.0	170.0	219.3	271.7	334.2
-72.5°	0.0	2.4	7.6	17.5	35.5	63.8	101.1	139.2	182.6	228.6	277.2
-75°	0.0	2.1	6.6	15.2	28.2	51.7	83.0	113.4	144.8	184.4	226.2
-77.5°	0.0	1.7	5.6	12.9	23.3	38.9	64.0	89.1	115.0	142.2	174.0
-80°	0.0	1.4	4.5	10.4	18.9	29.8	44.2	64.4	85.5	107.8	131.1
-82.5°	0.0	1.1	3.4	7.9	14.3	22.5	32.6	43.0	55.6	72.8	90.7
-85°	0.0	0.7	2.3	5.3	9.6	15.1	21.8	28.8	36.7	45.4	55.0
-87.5°	0.0	0.4	1.1	2.7	4.8	7.6	11.0	14.5	18.4	22.8	27.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**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°	1.5	1.6	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6
85°	3.0	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
82.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
80°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
77.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
75°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
72.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
70°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	2.7
67.5°	3.3	3.3	3.3	3.4	3.3	3.3	3.3	3.3	3.3	2.6	1.7
65°	3.3	3.3	4.5	4.9	3.5	3.3	3.3	3.3	3.5	3.0	3.0
62.5°	4.8	5.9	7.3	11.4	8.5	3.3	6.4	7.5	5.0	4.1	4.4
60°	14.3	9.8	25.1	34.8	22.8	12.1	14.8	29.6	24.4	6.6	17.3
57.5°	28.9	35.6	63.2	66.4	51.0	34.4	75.5	83.7	69.4	43.6	62.8
55°	60.1	84.4	106.7	105.4	106.0	133.3	156.7	153.8	135.6	187.0	235.5
52.5°	113.7	138.9	153.7	167.4	205.5	230.9	238.1	252.5	305.7	369.4	380.9
50°	166.8	192.8	212.3	261.9	300.9	321.0	339.6	388.4	468.8	512.5	519.5
47.5°	220.6	249.7	300.9	355.2	393.0	423.2	455.5	566.2	656.0	693.2	706.7
45°	276.7	327.1	391.0	446.8	490.5	531.5	636.5	787.6	850.8	907.8	1052.9
42.5°	335.0	410.8	482.8	541.3	590.6	676.2	822.4	968.8	1059.2	1180.5	1355.8
40°	409.3	494.2	577.8	637.2	698.8	828.6	1009.5	1164.4	1260.1	1422.9	1622.6
37.5°	484.8	584.1	674.3	737.0	823.5	999.1	1211.6	1397.2	1515.9	1648.4	1969.3
35°	559.4	675.7	768.3	852.4	959.3	1201.3	1463.2	1669.8	1816.5	2043.4	2449.5
32.5°	639.0	769.0	863.7	978.1	1153.8	1424.4	1746.1	1975.5	2218.7	2545.1	3195.8
30°	723.7	856.4	965.2	1102.8	1338.3	1654.1	2027.4	2315.6	2645.9	3176.1	3877.4
27.5°	808.2	943.4	1077.5	1252.4	1511.1	1852.2	2242.2	2696.6	3123.3	3716.2	4482.8
25°	889.4	1032.2	1187.6	1399.0	1678.7	2035.8	2461.5	2985.7	3542.6	4220.8	5120.9
22.5°	966.8	1122.3	1304.1	1531.3	1820.1	2210.1	2717.7	3333.4	4002.7	4705.1	5739.5
20°	1042.8	1222.8	1431.6	1685.9	1950.3	2370.8	2968.3	3713.9	4552.6	5515.0	6528.6
17.5°	1117.9	1322.2	1563.1	1845.8	2166.2	2596.6	3225.3	4112.9	5133.7	6386.1	7634.3
15°	1191.4	1419.5	1690.4	2003.8	2384.0	2898.4	3612.5	4588.0	5821.4	7321.2	8799.6
12.5°	1262.7	1514.0	1812.6	2158.2	2595.2	3182.5	3977.4	5029.8	6443.0	8234.8	10051.1
10°	1331.1	1604.7	1928.5	2307.2	2797.6	3446.9	4299.9	5412.0	6912.0	8758.7	10778.6
7.5°	1365.8	1666.0	2027.5	2448.8	2988.5	3689.5	4580.6	5735.1	7278.5	9179.9	11205.3
5°	1390.7	1694.1	2064.7	2505.4	3093.4	3854.6	4795.4	5999.1	7548.6	9496.8	11494.2
2.5°	1409.8	1714.3	2091.8	2537.3	3134.9	3909.6	4866.4	6091.2	7693.4	9662.2	11662.6
0°	1423.0	1726.6	2108.5	2555.6	3156.2	3936.2	4899.1	6129.5	7754.9	9700.2	11723.8
-2.5°	1437.0	1743.5	2126.1	2584.0	3186.2	3972.4	4935.1	6156.6	7801.0	9710.8	11756.9
-5°	1445.0	1752.5	2132.9	2597.8	3195.8	3979.2	4932.5	6130.8	7764.3	9634.5	11685.0
-7.5°	1447.3	1753.5	2129.1	2595.0	3183.5	3948.4	4880.4	6054.3	7637.7	9480.3	11508.6
-10°	1443.7	1745.8	2115.1	2571.5	3147.6	3884.3	4787.2	5921.7	7429.7	9225.7	11210.4
-12.5°	1433.1	1729.5	2089.9	2533.1	3089.9	3793.2	4655.8	5732.7	7140.7	8871.7	10790.1
-15°	1416.2	1705.2	2053.6	2479.9	3010.3	3675.9	4487.0	5487.4	6768.7	8421.7	10266.7
-17.5°	1392.9	1672.9	2005.9	2412.0	2908.5	3533.4	4283.0	5200.1	6367.5	7919.5	9684.9
-20°	1363.2	1632.7	1947.1	2329.6	2791.2	3383.3	4093.6	4945.8	5992.1	7344.4	8998.3

Classified

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

Scaled Data Report



REPORT NUMBER: P628002 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-735-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°	1327.0	1584.8	1884.8	2250.7	2687.2	3227.5	3881.8	4657.4	5570.9	6679.7	8248.8
-25°	1289.9	1538.9	1824.2	2162.9	2568.4	3050.8	3639.5	4346.2	5173.5	6188.3	7485.6
-27.5°	1253.2	1486.2	1754.2	2061.6	2435.2	2868.7	3411.7	4056.0	4793.3	5656.2	6712.6
-30°	1212.0	1427.3	1677.0	1955.4	2307.6	2710.0	3179.4	3731.4	4387.0	5166.8	6085.1
-32.5°	1166.9	1364.0	1602.2	1863.6	2170.8	2537.2	2943.2	3442.4	4012.8	4656.2	5449.9
-35°	1122.0	1310.1	1525.6	1764.7	2024.0	2367.1	2740.1	3154.3	3639.5	4209.2	4844.0
-37.5°	1078.8	1251.2	1443.5	1666.4	1909.7	2194.5	2524.1	2898.1	3315.7	3768.9	4317.3
-40°	1030.7	1187.7	1369.5	1571.4	1786.7	2033.5	2330.7	2648.1	3007.6	3406.4	3829.9
-42.5°	978.4	1129.2	1295.2	1469.2	1666.7	1887.2	2133.6	2423.9	2722.6	3056.8	3426.5
-45°	927.1	1065.7	1217.6	1376.4	1542.5	1737.4	1961.2	2202.6	2467.5	2740.2	3050.7
-47.5°	873.2	999.7	1141.1	1279.5	1426.6	1592.9	1782.8	2002.0	2222.8	2465.6	2706.4
-50°	819.2	937.9	1056.7	1185.9	1317.7	1456.0	1616.5	1805.7	2006.7	2208.1	2420.0
-52.5°	770.8	873.5	980.9	1091.7	1211.8	1334.9	1468.6	1624.5	1800.3	1977.8	2160.4
-55°	721.4	816.1	904.8	1004.1	1107.9	1218.7	1338.0	1469.1	1601.8	1763.5	1920.7
-57.5°	673.1	757.0	834.3	918.9	1011.3	1105.5	1212.9	1324.3	1444.8	1566.9	1695.6
-60°	624.7	696.0	766.0	839.3	916.8	1000.6	1087.0	1184.9	1288.2	1394.3	1505.8
-62.5°	574.7	632.5	694.2	761.2	829.5	893.9	966.4	1046.4	1131.6	1222.7	1317.2
-65°	518.7	566.6	618.1	676.4	740.5	792.5	848.0	908.2	978.6	1053.6	1127.8
-67.5°	458.8	501.3	543.3	586.6	638.6	685.1	730.8	778.6	831.2	892.6	952.1
-70°	392.2	434.6	471.6	507.5	540.5	573.8	612.5	650.3	692.7	747.7	801.8
-72.5°	324.5	364.2	399.3	429.7	453.0	472.8	496.6	524.1	564.8	615.8	663.5
-75°	262.4	294.5	327.3	356.5	371.5	377.5	382.4	396.9	438.1	490.5	536.8
-77.5°	204.4	232.3	259.0	284.5	295.1	299.2	301.2	301.2	331.5	376.1	423.1
-80°	150.5	169.9	192.6	214.4	220.9	222.8	223.1	221.8	246.6	278.7	313.1
-82.5°	104.6	118.6	133.0	147.8	149.8	148.9	146.7	144.6	164.6	187.8	211.6
-85°	61.0	66.8	75.6	84.7	85.7	85.3	83.8	81.2	92.3	104.9	118.2
-87.5°	30.5	33.4	36.4	39.3	38.3	36.7	34.8	32.4	35.5	38.7	42.1
-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: P628002 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-735-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°	2.7	2.1	1.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	3.3	2.5	1.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	3.3	2.5	1.7	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0
80°	3.3	2.6	1.8	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	3.3	2.7	1.8	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
75°	3.3	2.8	1.9	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	3.3	2.9	2.0	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.9	0.9	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.5	1.7	1.7	1.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0
65°	3.4	3.3	2.5	1.6	0.8	0.6	0.8	0.7	0.3	0.0	0.0
62.5°	4.2	4.1	2.9	2.8	3.0	3.3	2.7	2.3	2.2	2.4	2.7
60°	18.4	10.6	10.8	13.7	11.7	5.4	10.7	13.5	12.6	9.6	8.4
57.5°	93.7	78.5	54.8	91.9	94.6	65.9	71.5	93.3	90.5	69.9	69.7
55°	236.0	239.5	257.1	280.4	297.6	305.5	312.5	347.6	385.1	421.8	440.2
52.5°	389.9	435.6	492.2	529.8	556.0	609.7	685.0	719.5	753.1	791.3	818.9
50°	574.2	653.5	710.4	718.7	808.2	866.2	879.9	944.7	1015.3	1059.3	1090.8
47.5°	854.3	954.5	1004.1	1035.9	1144.7	1264.0	1264.2	1301.5	1478.2	1570.7	1615.2
45°	1230.4	1314.0	1401.8	1629.8	1839.4	1906.0	2048.4	2241.2	2366.6	2539.1	2728.7
42.5°	1550.8	1707.7	1927.5	2178.6	2388.8	2563.8	2775.3	3007.1	3285.6	3547.5	3773.4
40°	1867.8	2062.0	2334.3	2607.5	2872.1	3114.5	3455.5	3753.6	4082.2	4442.4	4742.6
37.5°	2281.4	2530.1	2811.5	3155.9	3567.8	3836.9	4305.9	4734.3	5104.4	5539.4	5807.4
35°	2916.8	3241.0	3490.1	4186.2	4687.3	5002.0	5557.3	6261.3	6531.6	7079.5	7339.4
32.5°	3715.6	4146.3	4802.0	5723.9	6393.0	6972.4	7802.4	8516.8	9125.7	9675.9	10248.3
30°	4613.1	5277.9	6244.3	7469.3	8148.9	8960.5	10082.8	10929.8	11884.9	12933.1	13300.3
27.5°	5427.6	6423.3	7545.3	8537.6	9513.7	10524.5	11627.2	12715.4	13749.1	14621.4	15206.7
25°	6182.5	7388.3	8478.8	9539.1	10596.8	11735.2	12982.4	14216.7	15354.0	16251.6	16934.0
22.5°	6961.1	8235.0	9401.6	10477.6	11707.8	12997.8	14324.3	15739.9	17034.3	17965.5	18708.8
20°	7693.2	9110.0	10440.7	11665.7	12828.7	14317.9	15845.3	17346.9	18756.5	19865.6	20722.8
17.5°	8855.2	10085.1	11711.5	13302.9	14613.1	15981.1	18022.1	19571.9	21136.1	22464.5	23373.1
15°	10282.3	11634.7	13314.1	15499.7	17294.9	18862.3	20970.7	23491.9	25336.9	27032.7	28196.0
12.5°	11710.4	13240.2	15056.7	17516.3	20072.2	21918.5	24476.4	27671.2	29820.2	32445.6	33739.9
10°	12805.1	14726.0	16596.8	18841.3	21295.9	23925.0	26682.4	29671.3	32542.8	34797.2	36812.5
7.5°	13245.8	15292.0	17457.5	19747.6	22202.1	24915.5	27854.4	30964.4	33919.7	36437.7	38652.5
5°	13575.3	15671.8	17851.6	20193.3	22817.1	25650.6	28633.3	31898.6	34916.6	37615.4	39881.3
2.5°	13784.6	15900.9	18071.3	20452.0	23211.6	26129.2	29207.8	32559.6	35622.9	38401.2	40659.7
0°	13864.9	15950.5	18173.2	20624.3	23356.2	26280.6	29492.2	32883.4	35971.0	38657.2	40981.0
-2.5°	13875.8	15904.3	18179.9	20619.0	23233.0	26184.7	29435.2	32798.1	35822.9	38498.3	40842.9
-5°	13766.9	15794.6	18072.1	20474.4	23092.0	26021.5	29132.4	32382.1	35267.0	37870.7	40128.1
-7.5°	13546.1	15568.1	17795.3	20142.6	22689.6	25531.2	28519.1	31540.3	34370.4	36867.7	39022.0
-10°	13218.5	15197.9	17348.1	19635.1	22045.1	24748.0	27597.0	30483.6	33137.6	35447.0	37439.1
-12.5°	12774.8	14708.6	16761.9	18945.2	21188.6	23765.5	26455.6	29166.3	31585.4	33693.6	35481.0
-15°	12198.6	14087.3	16075.5	18140.2	20315.7	22646.1	25060.3	27546.7	29777.8	31647.4	33280.3
-17.5°	11519.9	13351.6	15239.8	17153.9	19218.0	21404.3	23645.4	25877.4	27780.3	29441.2	30934.4
-20°	10763.2	12528.1	14321.6	16106.0	17978.7	20000.7	22070.5	24031.1	25693.9	27203.2	28569.5



REPORT NUMBER: P628002 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-735-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°	9914.8	11604.1	13323.1	14993.0	16681.8	18512.6	20361.1	22134.1	23689.5	24980.5	26167.9
-25°	9006.5	10567.4	12190.7	13756.4	15310.8	16951.5	18630.4	20261.7	21630.6	22751.5	23732.7
-27.5°	8091.3	9517.7	10947.9	12421.9	13858.6	15372.6	16892.7	18301.6	19530.7	20562.7	21387.1
-30°	7129.4	8404.6	9710.7	11044.3	12416.1	13801.7	15175.2	16408.8	17481.6	18389.4	19101.9
-32.5°	6330.0	7298.7	8451.8	9662.5	10948.5	12210.8	13405.6	14530.1	15541.1	16333.6	16937.9
-35°	5563.7	6384.1	7247.7	8319.3	9424.1	10585.8	11684.8	12688.4	13589.6	14282.2	14850.6
-37.5°	4905.0	5553.8	6284.1	7049.2	7975.5	8935.8	9927.8	10871.6	11675.2	12279.3	12787.0
-40°	4334.8	4847.1	5430.6	6037.1	6718.7	7408.6	8272.2	9068.8	9724.7	10289.4	10749.4
-42.5°	3819.4	4251.7	4682.6	5180.1	5694.3	6248.9	6855.0	7444.1	7947.5	8420.2	8810.9
-45°	3374.5	3719.8	4063.3	4447.5	4825.1	5276.1	5709.1	6095.4	6503.2	6857.1	7135.7
-47.5°	2985.4	3254.7	3549.1	3836.7	4139.8	4479.5	4801.7	5095.7	5394.5	5653.3	5860.9
-50°	2639.6	2862.8	3103.2	3329.2	3574.3	3822.8	4061.1	4294.9	4521.9	4718.8	4872.0
-52.5°	2336.9	2531.9	2719.2	2899.2	3094.2	3278.1	3450.7	3643.6	3821.1	3976.3	4081.1
-55°	2079.3	2238.5	2391.9	2542.2	2689.7	2829.1	2966.6	3116.5	3253.4	3376.8	3454.8
-57.5°	1837.3	1972.8	2102.8	2225.5	2342.5	2453.3	2569.1	2684.3	2789.9	2882.9	2943.3
-60°	1617.1	1727.8	1840.2	1940.4	2034.8	2123.3	2220.9	2313.0	2398.2	2469.8	2511.6
-62.5°	1415.4	1514.7	1597.7	1676.9	1757.2	1837.0	1906.2	1974.3	2040.0	2095.4	2131.8
-65°	1204.5	1288.7	1359.3	1423.0	1480.4	1542.2	1601.3	1654.7	1702.2	1738.2	1761.3
-67.5°	1015.8	1077.8	1134.4	1184.9	1236.3	1285.8	1331.2	1371.8	1407.4	1432.5	1449.1
-70°	851.9	899.2	945.6	991.6	1037.3	1075.8	1108.8	1139.1	1166.6	1178.0	1183.1
-72.5°	708.0	749.9	790.6	831.2	869.2	899.3	923.6	945.8	965.8	948.6	918.4
-75°	577.4	614.3	652.3	688.1	721.7	744.7	762.7	779.3	794.3	757.0	705.7
-77.5°	470.5	503.0	531.1	559.0	586.6	601.4	612.8	624.0	634.7	593.0	540.4
-80°	349.1	375.2	399.1	422.6	445.7	454.4	459.5	462.9	464.8	429.2	387.9
-82.5°	235.8	249.4	262.5	276.2	290.2	297.6	303.1	307.4	310.4	285.1	256.6
-85°	132.1	136.2	139.5	142.2	144.5	149.1	153.5	157.5	161.2	149.2	135.9
-87.5°	45.4	45.4	45.3	44.9	44.4	44.5	44.5	44.4	44.1	42.2	40.2
-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: P628002 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-735-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	0.3	0.7
62.5°	3.0	3.2	3.3	3.3	3.3	3.2	3.0	2.7	2.4	2.2	2.3
60°	6.5	4.0	3.3	3.3	3.3	4.0	6.5	8.4	9.6	12.6	13.5
57.5°	65.0	56.6	50.8	45.7	50.8	56.6	65.0	69.7	69.9	90.5	93.3
55°	432.3	402.5	366.1	323.1	366.1	402.5	432.3	440.2	421.8	385.1	347.6
52.5°	848.0	876.2	892.5	891.0	892.5	876.2	848.0	818.9	791.3	753.1	719.5
50°	1116.1	1131.5	1132.2	1119.5	1132.2	1131.5	1116.1	1090.8	1059.3	1015.3	944.7
47.5°	1635.3	1613.8	1577.0	1537.3	1577.0	1613.8	1635.3	1615.2	1570.7	1478.2	1301.5
45°	2853.5	2922.2	2917.8	2829.8	2917.8	2922.2	2853.5	2728.7	2539.1	2366.6	2241.2
42.5°	3899.6	4002.5	4075.5	4112.5	4075.5	4002.5	3899.6	3773.4	3547.5	3285.6	3007.1
40°	4911.7	5011.2	5055.0	5052.5	5055.0	5011.2	4911.7	4742.6	4442.4	4082.2	3753.6
37.5°	5981.2	6109.9	6172.3	6142.6	6172.3	6109.9	5981.2	5807.4	5539.4	5104.4	4734.3
35°	7451.9	7572.4	7574.7	7513.4	7574.7	7572.4	7451.9	7339.4	7079.5	6531.6	6261.3
32.5°	10702.6	10743.0	10433.4	10323.6	10433.4	10743.0	10702.6	10248.3	9675.9	9125.7	8516.8
30°	13665.7	13951.4	14217.1	14351.2	14217.1	13951.4	13665.7	13300.3	12933.1	11884.9	10929.8
27.5°	15648.0	15991.6	16204.6	16218.1	16204.6	15991.6	15648.0	15206.7	14621.4	13749.1	12715.4
25°	17451.0	17835.3	18067.5	18147.1	18067.5	17835.3	17451.0	16934.0	16251.6	15354.0	14216.7
22.5°	19339.8	19792.8	20093.0	20154.3	20093.0	19792.8	19339.8	18708.8	17965.5	17034.3	15739.9
20°	21531.4	22058.6	22346.4	22334.6	22346.4	22058.6	21531.4	20722.8	19865.6	18756.5	17346.9
17.5°	24416.7	24982.1	25230.5	25121.9	25230.5	24982.1	24416.7	23373.1	22464.5	21136.1	19571.9
15°	29390.1	30572.8	30568.1	30096.1	30568.1	30572.8	29390.1	28196.0	27032.7	25336.9	23491.9
12.5°	35524.8	36406.2	37310.6	37505.0	37310.6	36406.2	35524.8	33739.9	32445.6	29820.2	27671.2
10°	38509.9	39680.5	40453.1	40432.7	40453.1	39680.5	38509.9	36812.5	34797.2	32542.8	29671.3
7.5°	40377.5	41670.7	42606.9	42586.9	42606.9	41670.7	40377.5	38652.5	36437.7	33919.7	30964.4
5°	41818.7	43253.1	44082.4	44143.7	44082.4	43253.1	41818.7	39881.3	37615.4	34916.6	31898.6
2.5°	42567.5	44064.6	45061.6	44930.3	45061.6	44064.6	42567.5	40659.7	38401.2	35622.9	32559.6
0°	42880.6	44362.4	45292.6	45694.0	45292.6	44362.4	42880.6	40981.0	38657.2	35971.0	32883.4
-2.5°	42743.9	44185.7	45213.7	45253.4	45213.7	44185.7	42743.9	40842.9	38498.3	35822.9	32798.1
-5°	42011.5	43533.0	44221.7	44587.6	44221.7	43533.0	42011.5	40128.1	37870.7	35267.0	32382.1
-7.5°	40830.4	41970.6	42845.5	43249.4	42845.5	41970.6	40830.4	39022.0	36867.7	34370.4	31540.3
-10°	38992.2	40172.6	40912.0	41245.4	40912.0	40172.6	38992.2	37439.1	35447.0	33137.6	30483.6
-12.5°	36955.9	38028.7	38731.6	39012.9	38731.6	38028.7	36955.9	35481.0	33693.6	31585.4	29166.3
-15°	34684.0	35658.0	36304.9	36574.8	36304.9	35658.0	34684.0	33280.3	31647.4	29777.8	27546.7
-17.5°	32183.0	33036.6	33681.2	33875.6	33681.2	33036.6	32183.0	30934.4	29441.2	27780.3	25877.4
-20°	29611.4	30383.0	30913.9	31029.5	30913.9	30383.0	29611.4	28569.5	27203.2	25693.9	24031.1



REPORT NUMBER: P628002 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	27020.2	27655.8	28087.1	28232.4	28087.1	27655.8	27020.2	26167.9	24980.5	23689.5	22134.1
-25°	24487.9	25036.5	25383.6	25513.6	25383.6	25036.5	24487.9	23732.7	22751.5	21630.6	20261.7
-27.5°	22052.4	22563.8	22882.7	22925.4	22882.7	22563.8	22052.4	21387.1	20562.7	19530.7	18301.6
-30°	19656.0	20078.5	20324.3	20428.5	20324.3	20078.5	19656.0	19101.9	18389.4	17481.6	16408.8
-32.5°	17416.6	17785.6	18006.4	18065.5	18006.4	17785.6	17416.6	16937.9	16333.6	15541.1	14530.1
-35°	15302.5	15643.2	15838.9	15823.2	15838.9	15643.2	15302.5	14850.6	14282.2	13589.6	12688.4
-37.5°	13206.7	13521.2	13698.7	13682.1	13698.7	13521.2	13206.7	12787.0	12279.3	11675.2	10871.6
-40°	11127.6	11398.9	11555.3	11593.2	11555.3	11398.9	11127.6	10749.4	10289.4	9724.7	9068.8
-42.5°	9135.7	9386.1	9511.3	9461.9	9511.3	9386.1	9135.7	8810.9	8420.2	7947.5	7444.1
-45°	7330.5	7460.0	7545.2	7598.3	7545.2	7460.0	7330.5	7135.7	6857.1	6503.2	6095.4
-47.5°	6012.9	6120.2	6178.2	6188.3	6178.2	6120.2	6012.9	5860.9	5653.3	5394.5	5095.7
-50°	4991.1	5082.4	5122.7	5111.2	5122.7	5082.4	4991.1	4872.0	4718.8	4521.9	4294.9
-52.5°	4156.6	4209.5	4245.2	4262.6	4245.2	4209.5	4156.6	4081.1	3976.3	3821.1	3643.6
-55°	3513.5	3554.8	3578.9	3587.0	3578.9	3554.8	3513.5	3454.8	3376.8	3253.4	3116.5
-57.5°	2993.6	3032.8	3047.0	3041.9	3047.0	3032.8	2993.6	2943.3	2882.9	2789.9	2684.3
-60°	2543.7	2566.1	2582.9	2591.5	2582.9	2566.1	2543.7	2511.6	2469.8	2398.2	2313.0
-62.5°	2160.8	2181.9	2199.4	2209.6	2199.4	2181.9	2160.8	2131.8	2095.4	2040.0	1974.3
-65°	1777.4	1786.7	1789.3	1785.3	1789.3	1786.7	1777.4	1761.3	1738.2	1702.2	1654.7
-67.5°	1461.4	1469.2	1474.4	1475.3	1474.4	1469.2	1461.4	1449.1	1432.5	1407.4	1371.8
-70°	1188.0	1191.3	1187.5	1178.3	1187.5	1191.3	1188.0	1183.1	1178.0	1166.6	1139.1
-72.5°	887.5	855.0	822.6	786.6	822.6	855.0	887.5	918.4	948.6	965.8	945.8
-75°	652.5	597.4	577.4	558.1	577.4	597.4	652.5	705.7	757.0	794.3	779.3
-77.5°	485.3	428.0	412.7	398.2	412.7	428.0	485.3	540.4	593.0	634.7	624.0
-80°	344.8	300.1	290.3	280.7	290.3	300.1	344.8	387.9	429.2	464.8	462.9
-82.5°	226.6	195.3	189.1	182.8	189.1	195.3	226.6	256.6	285.1	310.4	307.4
-85°	121.9	107.3	104.3	101.2	104.3	107.3	121.9	135.9	149.2	161.2	157.5
-87.5°	38.0	35.8	35.9	35.9	35.9	35.8	38.0	40.2	42.2	44.1	44.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**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	0.7	1.4	2.1	2.7	2.6	2.5	2.4	2.3
85°	0.0	0.0	0.0	0.9	1.7	2.5	3.3	3.3	3.3	3.3	3.3
82.5°	0.0	0.0	0.1	0.9	1.7	2.5	3.3	3.3	3.3	3.3	3.3
80°	0.0	0.0	0.1	0.9	1.8	2.6	3.3	3.3	3.3	3.3	3.3
77.5°	0.0	0.0	0.2	1.0	1.8	2.7	3.3	3.3	3.3	3.3	3.3
75°	0.0	0.0	0.3	1.1	1.9	2.8	3.3	3.3	3.3	3.3	3.3
72.5°	0.0	0.0	0.2	1.0	2.0	2.9	3.3	3.3	3.3	3.3	3.3
70°	0.0	0.0	0.1	0.1	0.2	0.9	1.9	2.7	3.2	3.3	3.3
67.5°	0.0	0.0	0.6	1.4	1.7	1.7	1.5	1.7	2.6	3.3	3.3
65°	0.8	0.6	0.8	1.6	2.5	3.3	3.4	3.0	3.0	3.5	3.3
62.5°	2.7	3.3	3.0	2.8	2.9	4.1	4.2	4.4	4.1	5.0	7.5
60°	10.7	5.4	11.7	13.7	10.8	10.6	18.4	17.3	6.6	24.4	29.6
57.5°	71.5	65.9	94.6	91.9	54.8	78.5	93.7	62.8	43.6	69.4	83.7
55°	312.5	305.5	297.6	280.4	257.1	239.5	236.0	235.5	187.0	135.6	153.8
52.5°	685.0	609.7	556.0	529.8	492.2	435.6	389.9	380.9	369.4	305.7	252.5
50°	879.9	866.2	808.2	718.7	710.4	653.5	574.2	519.5	512.5	468.8	388.4
47.5°	1264.2	1264.0	1144.7	1035.9	1004.1	954.5	854.3	706.7	693.2	656.0	566.2
45°	2048.4	1906.0	1839.4	1629.8	1401.8	1314.0	1230.4	1052.9	907.8	850.8	787.6
42.5°	2775.3	2563.8	2388.8	2178.6	1927.5	1707.7	1550.8	1355.8	1180.5	1059.2	968.8
40°	3455.5	3114.5	2872.1	2607.5	2334.3	2062.0	1867.8	1622.6	1422.9	1260.1	1164.4
37.5°	4305.9	3836.9	3567.8	3155.9	2811.5	2530.1	2281.4	1969.3	1648.4	1515.9	1397.2
35°	5557.3	5002.0	4687.3	4186.2	3490.1	3241.0	2916.8	2449.5	2043.4	1816.5	1669.8
32.5°	7802.4	6972.4	6393.0	5723.9	4802.0	4146.3	3715.6	3195.8	2545.1	2218.7	1975.5
30°	10082.8	8960.5	8148.9	7469.3	6244.3	5277.9	4613.1	3877.4	3176.1	2645.9	2315.6
27.5°	11627.2	10524.5	9513.7	8537.6	7545.3	6423.3	5427.6	4482.8	3716.2	3123.3	2696.6
25°	12982.4	11735.2	10596.8	9539.1	8478.8	7388.3	6182.5	5120.9	4220.8	3542.6	2985.7
22.5°	14324.3	12997.8	11707.8	10477.6	9401.6	8235.0	6961.1	5739.5	4705.1	4002.7	3333.4
20°	15845.3	14317.9	12828.7	11665.7	10440.7	9110.0	7693.2	6528.6	5515.0	4552.6	3713.9
17.5°	18022.1	15981.1	14613.1	13302.9	11711.5	10085.1	8855.2	7634.3	6386.1	5133.7	4112.9
15°	20970.7	18862.3	17294.9	15499.7	13314.1	11634.7	10282.3	8799.6	7321.2	5821.4	4588.0
12.5°	24476.4	21918.5	20072.2	17516.3	15056.7	13240.2	11710.4	10051.1	8234.8	6443.0	5029.8
10°	26682.4	23925.0	21295.9	18841.3	16596.8	14726.0	12805.1	10778.6	8758.7	6912.0	5412.0
7.5°	27854.4	24915.5	22202.1	19747.6	17457.5	15292.0	13245.8	11205.3	9179.9	7278.5	5735.1
5°	28633.3	25650.6	22817.1	20193.3	17851.6	15671.8	13575.3	11494.2	9496.8	7548.6	5999.1
2.5°	29207.8	26129.2	23211.6	20452.0	18071.3	15900.9	13784.6	11662.6	9662.2	7693.4	6091.2
0°	29492.2	26280.6	23356.2	20624.3	18173.2	15950.5	13864.9	11723.8	9700.2	7754.9	6129.5
-2.5°	29435.2	26184.7	23233.0	20619.0	18179.9	15904.3	13875.8	11756.9	9710.8	7801.0	6156.6
-5°	29132.4	26021.5	23092.0	20474.4	18072.1	15794.6	13766.9	11685.0	9634.5	7764.3	6130.8
-7.5°	28519.1	25531.2	22689.6	20142.6	17795.3	15568.1	13546.1	11508.6	9480.3	7637.7	6054.3
-10°	27597.0	24748.0	22045.1	19635.1	17348.1	15197.9	13218.5	11210.4	9225.7	7429.7	5921.7
-12.5°	26455.6	23765.5	21188.6	18945.2	16761.9	14708.6	12774.8	10790.1	8871.7	7140.7	5732.7
-15°	25060.3	22646.1	20315.7	18140.2	16075.5	14087.3	12198.6	10266.7	8421.7	6768.7	5487.4
-17.5°	23645.4	21404.3	19218.0	17153.9	15239.8	13351.6	11519.9	9684.9	7919.5	6367.5	5200.1
-20°	22070.5	20000.7	17978.7	16106.0	14321.6	12528.1	10763.2	8998.3	7344.4	5992.1	4945.8



REPORT NUMBER: P628002 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-735-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°	20361.1	18512.6	16681.8	14993.0	13323.1	11604.1	9914.8	8248.8	6679.7	5570.9	4657.4
-25°	18630.4	16951.5	15310.8	13756.4	12190.7	10567.4	9006.5	7485.6	6188.3	5173.5	4346.2
-27.5°	16892.7	15372.6	13858.6	12421.9	10947.9	9517.7	8091.3	6712.6	5656.2	4793.3	4056.0
-30°	15175.2	13801.7	12416.1	11044.3	9710.7	8404.6	7129.4	6085.1	5166.8	4387.0	3731.4
-32.5°	13405.6	12210.8	10948.5	9662.5	8451.8	7298.7	6330.0	5449.9	4656.2	4012.8	3442.4
-35°	11684.8	10585.8	9424.1	8319.3	7247.7	6384.1	5563.7	4844.0	4209.2	3639.5	3154.3
-37.5°	9927.8	8935.8	7975.5	7049.2	6284.1	5553.8	4905.0	4317.3	3768.9	3315.7	2898.1
-40°	8272.2	7408.6	6718.7	6037.1	5430.6	4847.1	4334.8	3829.9	3406.4	3007.6	2648.1
-42.5°	6855.0	6248.9	5694.3	5180.1	4682.6	4251.7	3819.4	3426.5	3056.8	2722.6	2423.9
-45°	5709.1	5276.1	4825.1	4447.5	4063.3	3719.8	3374.5	3050.7	2740.2	2467.5	2202.6
-47.5°	4801.7	4479.5	4139.8	3836.7	3549.1	3254.7	2985.4	2706.4	2465.6	2222.8	2002.0
-50°	4061.1	3822.8	3574.3	3329.2	3103.2	2862.8	2639.6	2420.0	2208.1	2006.7	1805.7
-52.5°	3450.7	3278.1	3094.2	2899.2	2719.2	2531.9	2336.9	2160.4	1977.8	1800.3	1624.5
-55°	2966.6	2829.1	2689.7	2542.2	2391.9	2238.5	2079.3	1920.7	1763.5	1601.8	1469.1
-57.5°	2569.1	2453.3	2342.5	2225.5	2102.8	1972.8	1837.3	1695.6	1566.9	1444.8	1324.3
-60°	2220.9	2123.3	2034.8	1940.4	1840.2	1727.8	1617.1	1505.8	1394.3	1288.2	1184.9
-62.5°	1906.2	1837.0	1757.2	1676.9	1597.7	1514.7	1415.4	1317.2	1222.7	1131.6	1046.4
-65°	1601.3	1542.2	1480.4	1423.0	1359.3	1288.7	1204.5	1127.8	1053.6	978.6	908.2
-67.5°	1331.2	1285.8	1236.3	1184.9	1134.4	1077.8	1015.8	952.1	892.6	831.2	778.6
-70°	1108.8	1075.8	1037.3	991.6	945.6	899.2	851.9	801.8	747.7	692.7	650.3
-72.5°	923.6	899.3	869.2	831.2	790.6	749.9	708.0	663.5	615.8	564.8	524.1
-75°	762.7	744.7	721.7	688.1	652.3	614.3	577.4	536.8	490.5	438.1	396.9
-77.5°	612.8	601.4	586.6	559.0	531.1	503.0	470.5	423.1	376.1	331.5	301.2
-80°	459.5	454.4	445.7	422.6	399.1	375.2	349.1	313.1	278.7	246.6	221.8
-82.5°	303.1	297.6	290.2	276.2	262.5	249.4	235.8	211.6	187.8	164.6	144.6
-85°	153.5	149.1	144.5	142.2	139.5	136.2	132.1	118.2	104.9	92.3	81.2
-87.5°	44.5	44.5	44.4	44.9	45.3	45.4	45.4	42.1	38.7	35.5	32.4
-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: P628002 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-735-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°	2.2	2.1	2.0	1.9	1.8	1.6	1.5	1.4	1.3	1.1	1.0
85°	3.3	3.3	3.3	3.3	3.3	3.3	3.0	2.8	2.5	2.3	2.0
82.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.0
80°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
77.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
75°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
72.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
70°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.6	3.3	3.3	3.3
67.5°	3.3	3.3	3.3	3.4	3.3	3.3	3.3	4.1	4.3	3.3	3.3
65°	3.3	3.3	3.5	4.9	4.5	3.3	3.3	6.3	5.4	4.7	3.3
62.5°	6.4	3.3	8.5	11.4	7.3	5.9	4.8	13.6	8.8	6.2	4.5
60°	14.8	12.1	22.8	34.8	25.1	9.8	14.3	23.4	21.6	7.9	6.2
57.5°	75.5	34.4	51.0	66.4	63.2	35.6	28.9	40.0	36.4	21.3	8.4
55°	156.7	133.3	106.0	105.4	106.7	84.4	60.1	62.1	54.9	39.0	12.4
52.5°	238.1	230.9	205.5	167.4	153.7	138.9	113.7	87.9	81.5	58.2	30.7
50°	339.6	321.0	300.9	261.9	212.3	192.8	166.8	134.1	110.9	81.4	50.8
47.5°	455.5	423.2	393.0	355.2	300.9	249.7	220.6	182.0	143.3	111.7	71.0
45°	636.5	531.5	490.5	446.8	391.0	327.1	276.7	229.2	185.7	142.3	91.5
42.5°	822.4	676.2	590.6	541.3	482.8	410.8	335.0	281.7	227.5	172.7	115.5
40°	1009.5	828.6	698.8	637.2	577.8	494.2	409.3	336.5	268.3	204.3	141.9
37.5°	1211.6	999.1	823.5	737.0	674.3	584.1	484.8	392.5	310.4	238.6	168.0
35°	1463.2	1201.3	959.3	852.4	768.3	675.7	559.4	453.3	360.5	273.0	193.6
32.5°	1746.1	1424.4	1153.8	978.1	863.7	769.0	639.0	521.8	412.0	307.5	218.9
30°	2027.4	1654.1	1338.3	1102.8	965.2	856.4	723.7	590.8	464.6	341.9	244.5
27.5°	2242.2	1852.2	1511.1	1252.4	1077.5	943.4	808.2	660.1	518.1	379.7	272.6
25°	2461.5	2035.8	1678.7	1399.0	1187.6	1032.2	889.4	729.4	574.9	423.3	300.1
22.5°	2717.7	2210.1	1820.1	1531.3	1304.1	1122.3	966.8	799.6	632.5	466.4	326.8
20°	2968.3	2370.8	1950.3	1685.9	1431.6	1222.8	1042.8	866.6	688.8	508.8	352.6
17.5°	3225.3	2596.6	2166.2	1845.8	1563.1	1322.2	1117.9	930.0	743.5	550.1	377.4
15°	3612.5	2898.4	2384.0	2003.8	1690.4	1419.5	1191.4	989.8	796.2	590.0	399.5
12.5°	3977.4	3182.5	2595.2	2158.2	1812.6	1514.0	1262.7	1045.8	846.5	623.1	417.9
10°	4299.9	3446.9	2797.6	2307.2	1928.5	1604.7	1331.1	1089.8	876.3	649.5	434.3
7.5°	4580.6	3689.5	2988.5	2448.8	2027.5	1666.0	1365.8	1112.8	898.9	672.6	448.8
5°	4795.4	3854.6	3093.4	2505.4	2064.7	1694.1	1390.7	1131.4	916.9	692.5	461.2
2.5°	4866.4	3909.6	3134.9	2537.3	2091.8	1714.3	1409.8	1145.6	930.5	708.7	471.5
0°	4899.1	3936.2	3156.2	2555.6	2108.5	1726.6	1423.0	1155.4	940.0	721.3	479.8
-2.5°	4935.1	3972.4	3186.2	2584.0	2126.1	1743.5	1437.0	1170.7	953.6	735.4	493.6
-5°	4932.5	3979.2	3195.8	2597.8	2132.9	1752.5	1445.0	1181.6	963.4	745.7	505.2
-7.5°	4880.4	3948.4	3183.5	2595.0	2129.1	1753.5	1447.3	1188.0	969.4	752.3	514.2
-10°	4787.2	3884.3	3147.6	2571.5	2115.1	1745.8	1443.7	1190.0	971.8	755.0	520.7
-12.5°	4655.8	3793.2	3089.9	2533.1	2089.9	1729.5	1433.1	1184.5	970.3	754.1	524.4
-15°	4487.0	3675.9	3010.3	2479.9	2053.6	1705.2	1416.2	1173.0	961.9	748.7	525.1
-17.5°	4283.0	3533.4	2908.5	2412.0	2005.9	1672.9	1392.9	1157.1	950.4	739.0	524.1
-20°	4093.6	3383.3	2791.2	2329.6	1947.1	1632.7	1363.2	1136.8	936.1	726.9	521.7

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CATALOG NUMBER: GFLD-SA6E-735-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°	3881.8	3227.5	2687.2	2250.7	1884.8	1584.8	1327.0	1112.1	919.0	712.5	516.9
-25°	3639.5	3050.8	2568.4	2162.9	1824.2	1538.9	1289.9	1083.1	899.4	696.2	510.1
-27.5°	3411.7	2868.7	2435.2	2061.6	1754.2	1486.2	1253.2	1056.4	876.8	678.1	501.0
-30°	3179.4	2710.0	2307.6	1955.4	1677.0	1427.3	1212.0	1027.6	851.3	662.1	489.9
-32.5°	2943.2	2537.2	2170.8	1863.6	1602.2	1364.0	1166.9	996.8	824.7	646.3	480.7
-35°	2740.1	2367.1	2024.0	1764.7	1525.6	1310.1	1122.0	964.1	797.3	628.4	470.7
-37.5°	2524.1	2194.5	1909.7	1666.4	1443.5	1251.2	1078.8	925.6	769.0	608.4	458.6
-40°	2330.7	2033.5	1786.7	1571.4	1369.5	1187.7	1030.7	884.5	742.7	586.4	444.4
-42.5°	2133.6	1887.2	1666.7	1469.2	1295.2	1129.2	978.4	840.7	708.5	566.1	428.3
-45°	1961.2	1737.4	1542.5	1376.4	1217.6	1065.7	927.1	795.3	671.9	545.2	411.3
-47.5°	1782.8	1592.9	1426.6	1279.5	1141.1	999.7	873.2	753.1	634.0	521.8	394.0
-50°	1616.5	1456.0	1317.7	1185.9	1056.7	937.9	819.2	709.8	599.5	491.1	374.6
-52.5°	1468.6	1334.9	1211.8	1091.7	980.9	873.5	770.8	665.7	563.5	460.6	353.1
-55°	1338.0	1218.7	1107.9	1004.1	904.8	816.1	721.4	624.2	525.9	429.1	330.1
-57.5°	1212.9	1105.5	1011.3	918.9	834.3	757.0	673.1	581.2	488.1	396.0	309.6
-60°	1087.0	1000.6	916.8	839.3	766.0	696.0	624.7	536.9	448.8	362.1	284.9
-62.5°	966.4	893.9	829.5	761.2	694.2	632.5	574.7	491.1	408.0	328.5	257.5
-65°	848.0	792.5	740.5	676.4	618.1	566.6	518.7	443.6	364.9	292.7	228.8
-67.5°	730.8	685.1	638.6	586.6	543.3	501.3	458.8	390.9	319.4	255.0	200.0
-70°	612.5	573.8	540.5	507.5	471.6	434.6	392.2	334.2	271.7	219.3	170.0
-72.5°	496.6	472.8	453.0	429.7	399.3	364.2	324.5	277.2	228.6	182.6	139.2
-75°	382.4	377.5	371.5	356.5	327.3	294.5	262.4	226.2	184.4	144.8	113.4
-77.5°	301.2	299.2	295.1	284.5	259.0	232.3	204.4	174.0	142.2	115.0	89.1
-80°	223.1	222.8	220.9	214.4	192.6	169.9	150.5	131.1	107.8	85.5	64.4
-82.5°	146.7	148.9	149.8	147.8	133.0	118.6	104.6	90.7	72.8	55.6	43.0
-85°	83.8	85.3	85.7	84.7	75.6	66.8	61.0	55.0	45.4	36.7	28.8
-87.5°	34.8	36.7	38.3	39.3	36.4	33.4	30.5	27.6	22.8	18.4	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

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REPORT NUMBER: P628002 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-735-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°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
85°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
82.5°	2.6	2.1	1.7	1.3	0.9	0.4	0.0
80°	3.3	2.8	2.3	1.7	1.1	0.6	0.0
77.5°	3.3	3.3	2.8	2.1	1.4	0.7	0.0
75°	3.3	3.3	3.3	2.6	1.7	0.9	0.0
72.5°	3.3	3.3	3.3	3.0	2.0	1.0	0.0
70°	3.3	3.3	3.3	3.3	2.3	1.1	0.0
67.5°	3.6	3.3	3.3	3.3	2.5	1.3	0.0
65°	4.0	3.7	3.3	3.3	2.8	1.4	0.0
62.5°	4.5	4.4	3.3	3.3	3.0	1.5	0.0
60°	5.1	5.3	3.3	3.3	3.3	1.6	0.0
57.5°	8.8	6.2	4.2	3.3	3.3	1.8	0.0
55°	13.5	7.2	5.2	3.3	3.4	1.9	0.0
52.5°	18.9	9.1	6.2	3.3	3.4	2.0	0.0
50°	24.9	14.7	7.3	3.3	3.5	2.1	0.0
47.5°	33.2	20.8	8.5	3.5	3.6	2.2	0.0
45°	50.9	27.2	9.7	4.4	3.7	2.3	0.0
42.5°	68.5	34.0	10.9	5.3	3.8	2.4	0.0
40°	86.0	41.1	14.3	6.5	3.9	2.5	0.0
37.5°	103.4	48.6	19.9	7.9	4.0	2.6	0.0
35°	120.6	60.4	25.5	9.4	4.2	2.7	0.0
32.5°	138.8	74.0	31.2	11.1	4.3	2.8	0.0
30°	159.2	87.2	37.0	12.8	4.5	2.9	0.0
27.5°	179.0	100.1	43.6	14.7	4.6	2.9	0.0
25°	198.1	112.5	50.1	16.6	4.8	3.0	0.0
22.5°	216.4	124.6	56.5	18.6	5.0	3.0	0.0
20°	233.8	136.3	62.7	20.6	5.1	3.1	0.0
17.5°	249.9	147.4	68.7	22.7	5.3	3.1	0.0
15°	264.8	157.7	74.4	24.8	5.5	3.2	0.0
12.5°	278.3	167.3	79.8	26.8	5.7	3.2	0.0
10°	290.6	176.1	84.9	28.8	5.9	3.2	0.0
7.5°	301.6	184.0	89.6	30.8	6.0	3.3	0.0
5°	311.3	191.1	93.9	32.6	6.2	3.3	0.0
2.5°	319.6	197.2	97.8	34.3	6.4	3.3	0.0
0°	326.4	202.4	101.2	35.9	6.5	3.3	0.0
-2.5°	335.3	208.8	105.8	38.2	7.5	3.5	0.0
-5°	342.7	214.1	109.9	40.3	8.5	3.7	0.0
-7.5°	348.4	218.5	113.4	42.1	9.4	3.9	0.0
-10°	352.6	221.7	116.2	43.8	10.3	4.1	0.0
-12.5°	355.1	223.9	118.4	45.2	11.2	4.3	0.0
-15°	355.8	224.9	119.8	46.4	12.0	4.4	0.0
-17.5°	354.8	224.8	120.5	47.3	12.7	4.6	0.0
-20°	353.8	223.5	120.3	47.8	13.4	4.7	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	354.0	221.0	119.3	48.1	14.0	4.8	0.0
-25°	352.4	220.2	117.5	48.1	14.6	4.9	0.0
-27.5°	349.0	219.3	114.8	47.8	15.0	4.9	0.0
-30°	343.9	216.9	111.5	47.1	15.4	5.0	0.0
-32.5°	337.0	213.2	110.1	46.1	15.6	5.0	0.0
-35°	330.4	208.1	107.8	44.8	15.8	5.0	0.0
-37.5°	322.9	202.5	104.5	43.1	15.8	5.0	0.0
-40°	313.6	197.6	100.4	41.1	15.8	4.9	0.0
-42.5°	302.5	191.4	97.3	39.2	15.6	4.9	0.0
-45°	289.6	183.9	95.5	37.7	15.4	4.8	0.0
-47.5°	275.0	175.2	92.6	35.6	15.0	4.7	0.0
-50°	262.2	165.3	88.7	35.0	14.6	4.5	0.0
-52.5°	248.3	154.1	83.8	34.5	14.0	4.4	0.0
-55°	233.0	145.1	78.0	33.6	13.4	4.2	0.0
-57.5°	216.2	135.3	71.3	32.2	12.6	4.0	0.0
-60°	198.3	124.1	63.9	30.5	11.8	3.8	0.0
-62.5°	180.9	111.6	59.5	28.3	11.1	3.5	0.0
-65°	161.8	97.9	54.4	25.8	10.3	3.3	0.0
-67.5°	141.2	85.7	48.7	23.0	9.4	3.0	0.0
-70°	119.0	75.2	42.3	19.8	8.5	2.7	0.0
-72.5°	101.1	63.8	35.5	17.5	7.6	2.4	0.0
-75°	83.0	51.7	28.2	15.2	6.6	2.1	0.0
-77.5°	64.0	38.9	23.3	12.9	5.6	1.7	0.0
-80°	44.2	29.8	18.9	10.4	4.5	1.4	0.0
-82.5°	32.6	22.5	14.3	7.9	3.4	1.1	0.0
-85°	21.8	15.1	9.6	5.3	2.3	0.7	0.0
-87.5°	11.0	7.6	4.8	2.7	1.1	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)