

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: P627783 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-750-U-WR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627783 (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-SA5E-750-U-WR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N131  
Light Source: (80) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

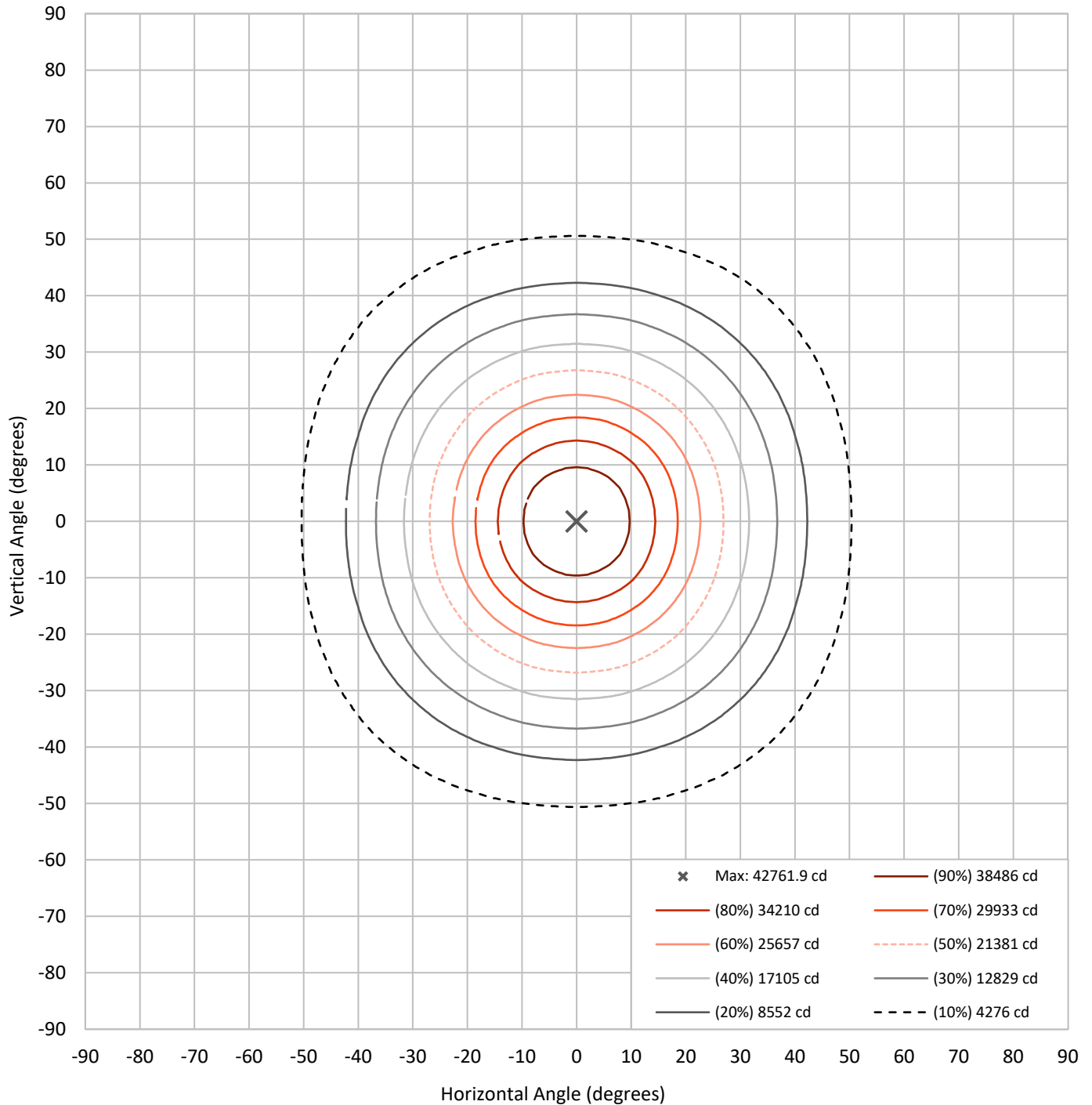
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	43521.6 lumens	Max Intensity:	42761.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	138.7 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:	20809.4 lumens	Field Lumens:	38409.4 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
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		



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### Iso-Candela Plot





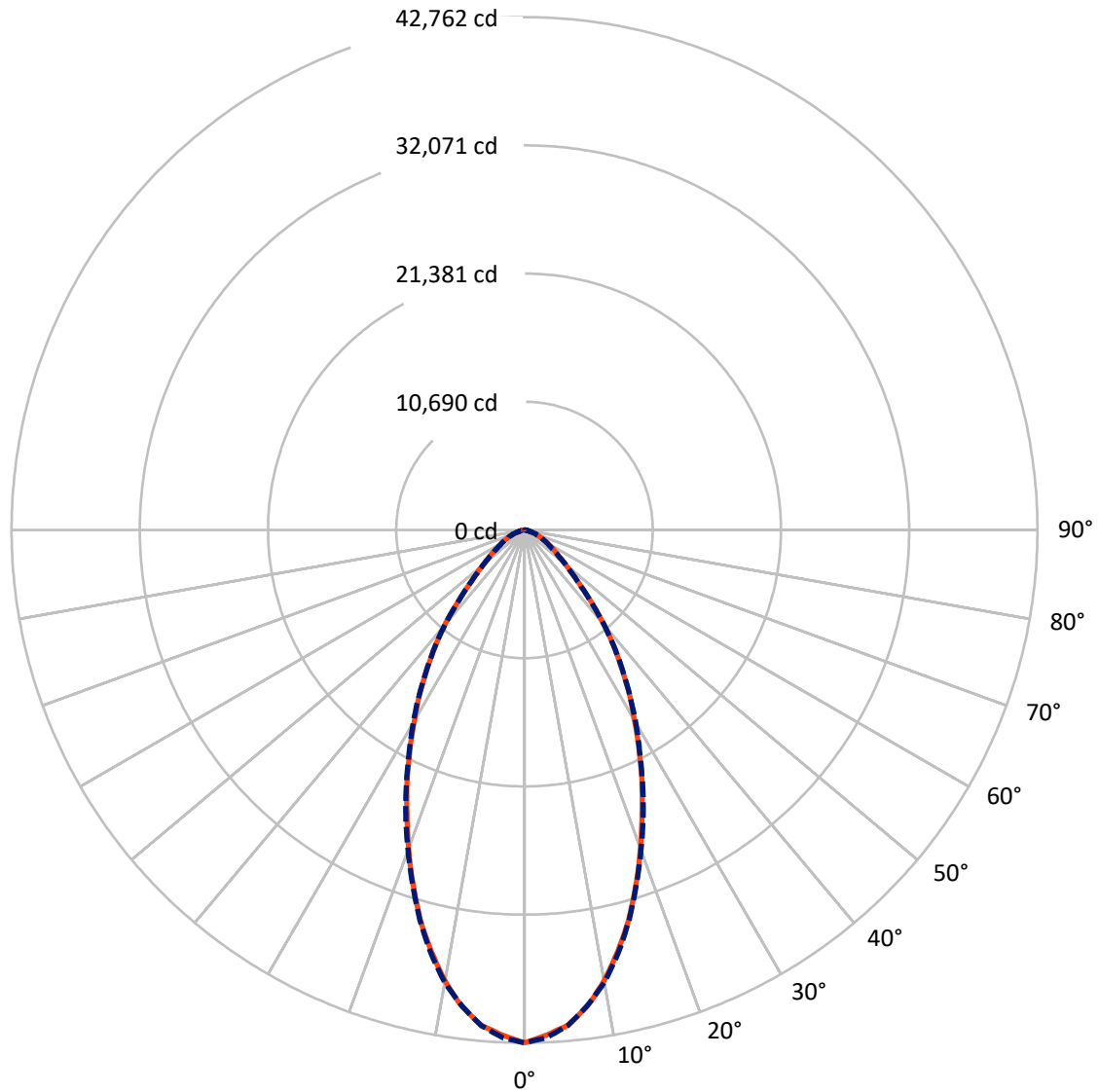
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### Lumen Table

90																			
80	1.7	12.0		27.4		45.6		39.0		45.6		27.4		12.0		1.7			
70																			
60	5.6	6.6	12.5	20.0	29.0	37.7	44.2	47.3	47.3	44.2	37.7	29.0	20.0	12.5	6.6	5.6			
50		9.4	18.9	32.7	50.1	68.9	86.0	95.8	95.8	86.0	68.9	50.1	32.7	18.9	9.4				
40	8.3	12.0	26.0	48.7	82.2	126.3	174.1	206.1	206.1	174.1	126.3	82.2	48.7	26.0	12.0	8.3			
30		14.6	34.2	70.9	137.9	244.9	355.9	422.1	422.1	355.9	244.9	137.9	70.9	34.2	14.6				
20	9.9	17.0	42.6	99.2	223.0	400.8	573.6	685.6	685.6	573.6	400.8	223.0	99.2	42.6	17.0	9.9			
10		18.9	49.9	128.6	304.3	541.3	799.1	983.1	983.1	799.1	541.3	304.3	128.6	49.9	18.9				
0	10.4	19.9	54.1	147.7	350.4	629.3	957.6	1204.3	1204.3	957.6	629.3	350.4	147.7	54.1	19.9	10.4			
-10		19.9	54.1	147.7	350.4	629.3	957.6	1204.3	1204.3	957.6	629.3	350.4	147.7	54.1	19.9				
-20	9.9	18.9	49.9	128.6	304.3	541.3	799.1	983.1	983.1	799.1	541.3	304.3	128.6	49.9	18.9	9.9			
-30		17.0	42.6	99.2	223.0	400.8	573.6	685.6	685.6	573.6	400.8	223.0	99.2	42.6	17.0				
-40	8.3	14.6	34.2	70.9	137.9	244.9	355.9	422.1	422.1	355.9	244.9	137.9	70.9	34.2	14.6	8.3			
-50		12.0	26.0	48.7	82.2	126.3	174.1	206.1	206.1	174.1	126.3	82.2	48.7	26.0	12.0				
-60	5.6	9.4	18.9	32.7	50.1	68.9	86.0	95.8	95.8	86.0	68.9	50.1	32.7	18.9	9.4	5.6			
-70		6.6	12.5	20.0	29.0	37.7	44.2	47.3	47.3	44.2	37.7	29.0	20.0	12.5	6.6				
-80	1.7	12.0		27.4		45.6		39.0		45.6		27.4		12.0		1.7			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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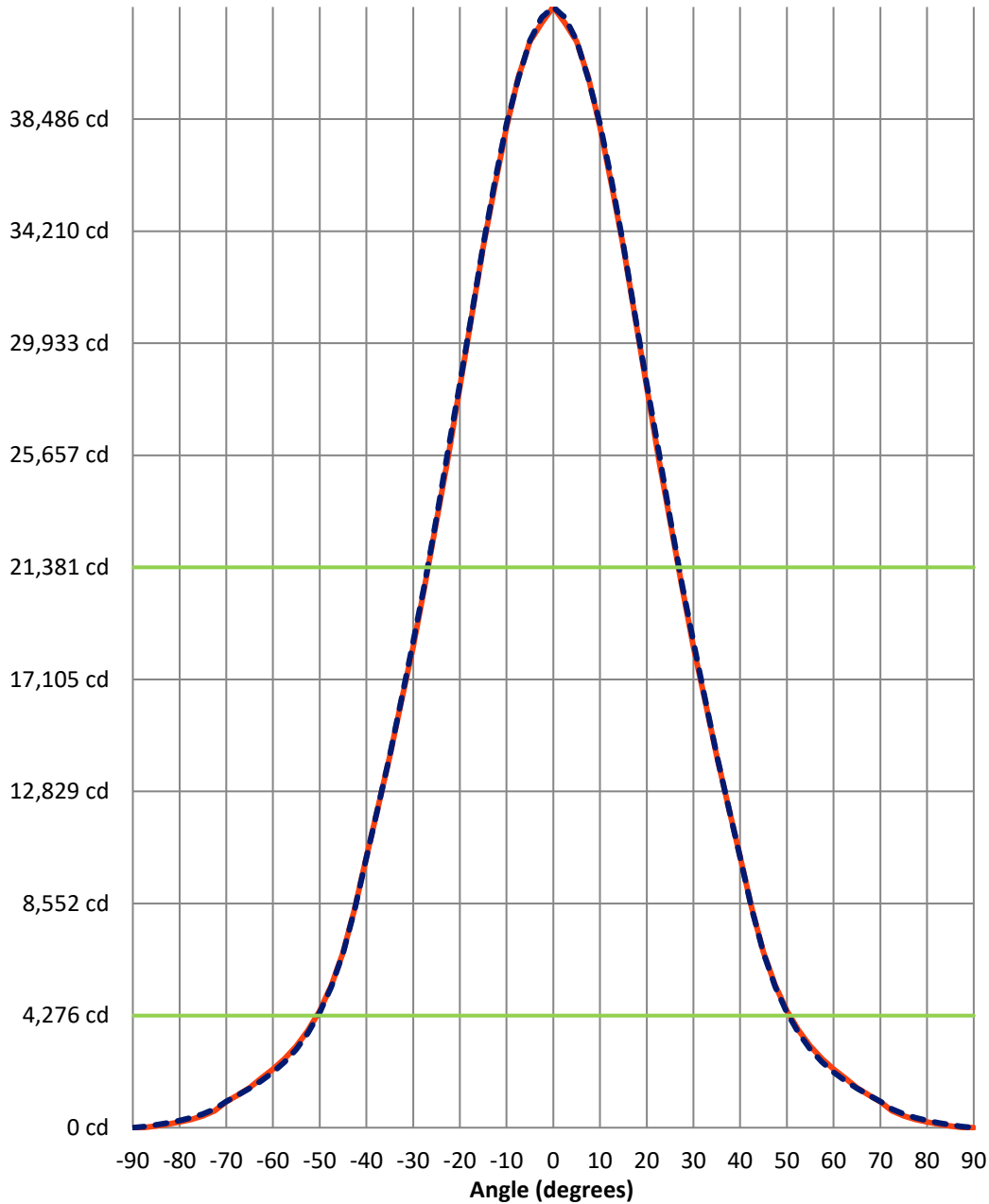
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 0-Deg

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### Luminous Intensity Plot



**Beam:**  
H Angle: 53.8°  
V Angle: 53.6°  
Lumens: 20809.4  
Efficiency: 47.8%

**Field:**  
H Angle: 100.8°  
V Angle: 101.2°  
Lumens: 38409.4  
Efficiency: 88.3%

**Spill:**  
Lumens: 5112.3  
Efficiency: 11.7%

- 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	2.2	5.0	8.2	11.8	15.9	20.3	22.5	24.3	25.7	26.8
85°	0.0	4.3	10.0	16.3	23.6	31.6	40.6	45.0	48.6	51.5	53.7
82.5°	0.0	6.5	14.9	24.4	35.2	47.3	60.7	67.5	74.4	86.2	96.7
80°	0.0	8.6	19.8	32.4	46.8	62.8	82.4	102.4	119.8	135.3	149.1
77.5°	0.0	10.7	24.7	40.4	58.2	81.7	117.6	143.5	165.1	184.4	203.7
75°	0.0	12.8	29.4	48.1	70.4	106.8	151.8	184.5	210.4	236.7	264.9
72.5°	0.0	14.9	34.1	55.8	87.2	131.1	184.9	224.7	255.9	289.4	325.1
70°	0.0	16.9	38.6	63.7	103.5	154.5	216.3	262.6	300.6	341.3	389.1
67.5°	0.0	18.9	43.0	73.6	119.0	176.8	243.6	299.8	344.4	394.9	452.2
65°	0.0	20.8	47.3	83.1	133.8	197.4	269.6	336.2	387.7	446.5	511.9
62.5°	0.0	22.6	51.4	92.1	147.7	216.1	294.1	370.7	429.1	496.0	567.5
60°	0.0	24.4	55.3	100.5	160.7	233.8	317.1	403.3	468.7	543.9	621.4
57.5°	0.0	26.1	60.1	108.4	172.8	250.2	337.8	432.7	508.7	590.2	671.1
55°	0.0	27.8	64.8	115.7	184.0	265.3	356.9	456.2	547.9	634.5	718.6
52.5°	0.0	29.4	69.2	122.4	194.4	279.2	374.4	481.7	585.4	676.8	765.1
50°	0.0	30.9	73.5	128.4	203.8	291.9	390.3	505.7	621.7	718.0	816.0
47.5°	0.0	32.3	77.5	133.9	212.2	303.4	405.1	527.5	657.5	758.1	866.1
45°	0.0	33.7	81.4	139.4	219.6	313.5	421.7	547.1	683.1	801.5	914.4
42.5°	0.0	34.9	85.0	144.2	225.9	322.4	436.5	566.3	706.6	843.4	964.6
40°	0.0	36.1	88.4	149.5	231.7	329.8	449.4	585.0	729.8	882.3	1013.1
37.5°	0.0	37.2	91.5	154.9	236.8	335.9	460.5	601.8	755.3	913.0	1059.0
35°	0.0	38.2	94.5	159.8	241.0	342.8	469.7	616.9	779.7	946.7	1106.1
32.5°	0.0	39.1	97.2	164.3	244.2	349.3	478.2	630.1	803.0	981.0	1154.2
30°	0.0	39.9	99.6	168.4	246.4	354.4	487.5	642.9	825.0	1015.6	1199.6
27.5°	0.0	40.6	101.8	172.0	251.7	358.0	495.2	658.8	847.9	1050.3	1242.0
25°	0.0	41.2	103.7	175.1	256.7	360.1	501.2	673.1	873.5	1084.3	1281.7
22.5°	0.0	41.7	105.4	177.8	261.2	362.9	505.4	685.6	898.0	1115.5	1325.1
20°	0.0	42.2	106.8	180.0	265.1	369.5	507.9	696.2	921.0	1143.6	1363.9
17.5°	0.0	42.5	108.0	181.8	268.3	374.9	513.6	704.8	942.1	1168.4	1398.1
15°	0.0	42.7	108.9	183.0	270.8	379.2	520.4	712.9	961.2	1189.7	1427.4
12.5°	0.0	42.9	109.5	183.9	272.7	382.3	525.4	720.2	977.3	1207.6	1451.9
10°	0.0	42.9	109.9	184.2	273.9	384.2	528.5	724.2	989.9	1222.4	1471.7
7.5°	0.0	42.9	110.0	184.2	274.5	385.0	529.7	725.1	998.7	1233.9	1487.1
5°	0.0	42.8	109.9	183.6	274.3	384.7	529.2	723.0	1003.5	1241.7	1497.3
2.5°	0.0	42.6	109.5	182.7	273.5	383.3	526.9	718.0	1004.2	1245.5	1502.3
0°	0.0	42.3	108.8	181.3	272.0	380.8	522.9	710.2	1000.4	1245.2	1502.1
-2.5°	0.0	42.6	109.5	182.7	273.5	383.3	526.9	718.0	1004.2	1245.5	1502.3
-5°	0.0	42.8	109.9	183.6	274.3	384.7	529.2	723.0	1003.5	1241.7	1497.3
-7.5°	0.0	42.9	110.0	184.2	274.5	385.0	529.7	725.1	998.7	1233.9	1487.1
-10°	0.0	42.9	109.9	184.2	273.9	384.2	528.5	724.2	989.9	1222.4	1471.7
-12.5°	0.0	42.9	109.5	183.9	272.7	382.3	525.4	720.2	977.3	1207.6	1451.9
-15°	0.0	42.7	108.9	183.0	270.8	379.2	520.4	712.9	961.2	1189.7	1427.4
-17.5°	0.0	42.5	108.0	181.8	268.3	374.9	513.6	704.8	942.1	1168.4	1398.1
-20°	0.0	42.2	106.8	180.0	265.1	369.5	507.9	696.2	921.0	1143.6	1363.9

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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	41.7	105.4	177.8	261.2	362.9	505.4	685.6	898.0	1115.5	1325.1
-25°	0.0	41.2	103.7	175.1	256.7	360.1	501.2	673.1	873.5	1084.3	1281.7
-27.5°	0.0	40.6	101.8	172.0	251.7	358.0	495.2	658.8	847.9	1050.3	1242.0
-30°	0.0	39.9	99.6	168.4	246.4	354.4	487.5	642.9	825.0	1015.6	1199.6
-32.5°	0.0	39.1	97.2	164.3	244.2	349.3	478.2	630.1	803.0	981.0	1154.2
-35°	0.0	38.2	94.5	159.8	241.0	342.8	469.7	616.9	779.7	946.7	1106.1
-37.5°	0.0	37.2	91.5	154.9	236.8	335.9	460.5	601.8	755.3	913.0	1059.0
-40°	0.0	36.1	88.4	149.5	231.7	329.8	449.4	585.0	729.8	882.3	1013.1
-42.5°	0.0	34.9	85.0	144.2	225.9	322.4	436.5	566.3	706.6	843.4	964.6
-45°	0.0	33.7	81.4	139.4	219.6	313.5	421.7	547.1	683.1	801.5	914.4
-47.5°	0.0	32.3	77.5	133.9	212.2	303.4	405.1	527.5	657.5	758.1	866.1
-50°	0.0	30.9	73.5	128.4	203.8	291.9	390.3	505.7	621.7	718.0	816.0
-52.5°	0.0	29.4	69.2	122.4	194.4	279.2	374.4	481.7	585.4	676.8	765.1
-55°	0.0	27.8	64.8	115.7	184.0	265.3	356.9	456.2	547.9	634.5	718.6
-57.5°	0.0	26.1	60.1	108.4	172.8	250.2	337.8	432.7	508.7	590.2	671.1
-60°	0.0	24.4	55.3	100.5	160.7	233.8	317.1	403.3	468.7	543.9	621.4
-62.5°	0.0	22.6	51.4	92.1	147.7	216.1	294.1	370.7	429.1	496.0	567.5
-65°	0.0	20.8	47.3	83.1	133.8	197.4	269.6	336.2	387.7	446.5	511.9
-67.5°	0.0	18.9	43.0	73.6	119.0	176.8	243.6	299.8	344.4	394.9	452.2
-70°	0.0	16.9	38.6	63.7	103.5	154.5	216.3	262.6	300.6	341.3	389.1
-72.5°	0.0	14.9	34.1	55.8	87.2	131.1	184.9	224.7	255.9	289.4	325.1
-75°	0.0	12.8	29.4	48.1	70.4	106.8	151.8	184.5	210.4	236.7	264.9
-77.5°	0.0	10.7	24.7	40.4	58.2	81.7	117.6	143.5	165.1	184.4	203.7
-80°	0.0	8.6	19.8	32.4	46.8	62.8	82.4	102.4	119.8	135.3	149.1
-82.5°	0.0	6.5	14.9	24.4	35.2	47.3	60.7	67.5	74.4	86.2	96.7
-85°	0.0	4.3	10.0	16.3	23.6	31.6	40.6	45.0	48.6	51.5	53.7
-87.5°	0.0	2.2	5.0	8.2	11.8	15.9	20.3	22.5	24.3	25.7	26.8
-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°	27.2	27.2	26.8	26.0	24.8	23.3	21.5	19.3	20.1	20.8	21.6
85°	54.5	54.5	59.0	63.2	65.1	65.4	64.1	61.3	69.3	78.4	88.1
82.5°	106.4	115.6	124.3	132.5	133.4	131.2	127.2	122.5	138.7	158.2	178.6
80°	163.1	176.7	192.4	207.0	210.4	209.0	204.5	197.0	218.3	248.5	281.0
77.5°	226.4	247.9	268.0	286.6	291.9	291.1	287.7	281.8	308.8	350.6	394.0
75°	293.1	319.2	345.2	367.9	377.6	378.4	377.3	383.7	419.4	468.3	511.4
72.5°	362.6	395.9	425.1	450.2	465.9	477.8	493.6	513.0	549.1	597.1	639.4
70°	436.1	473.1	503.9	531.7	555.7	581.7	615.3	648.4	686.4	734.3	778.2
67.5°	508.7	546.1	580.9	615.1	658.8	700.6	742.3	785.6	833.5	883.8	928.2
65°	575.9	618.3	660.7	710.4	767.2	814.6	865.9	922.3	985.0	1041.6	1093.2
62.5°	640.4	688.2	740.8	800.8	862.3	921.6	990.5	1062.9	1136.2	1207.3	1277.7
60°	694.9	754.4	818.2	886.0	957.0	1037.8	1118.5	1204.7	1292.3	1377.8	1464.9
57.5°	747.3	820.9	894.4	973.3	1061.8	1154.2	1251.1	1348.2	1452.9	1556.4	1655.3
55°	801.7	888.4	972.0	1065.6	1167.0	1275.5	1384.9	1502.7	1618.3	1748.6	1868.8
52.5°	859.8	954.1	1052.4	1159.5	1277.9	1400.2	1528.6	1663.6	1807.5	1952.3	2099.2
50°	916.4	1022.8	1132.2	1260.3	1392.7	1532.5	1680.8	1838.0	2005.5	2173.1	2350.9
47.5°	975.7	1089.2	1222.8	1361.9	1513.6	1672.8	1840.7	2027.6	2213.8	2424.9	2628.8
45°	1034.2	1164.6	1309.7	1471.3	1637.8	1817.0	2016.7	2222.0	2459.7	2698.2	2966.0
42.5°	1090.3	1240.8	1404.4	1577.1	1766.7	1972.6	2193.6	2451.8	2719.8	3014.9	3329.3
40°	1154.8	1313.5	1497.8	1690.9	1896.3	2131.7	2397.6	2684.2	3011.2	3360.8	3718.1
37.5°	1217.2	1395.5	1589.9	1799.4	2037.8	2303.0	2596.5	2947.9	3325.2	3722.6	4208.6
35°	1275.9	1473.6	1684.9	1914.3	2172.5	2479.8	2830.9	3219.1	3653.9	4166.5	4733.5
32.5°	1338.1	1547.6	1774.4	2031.9	2324.2	2659.8	3058.6	3515.6	4030.1	4613.9	5323.3
30°	1400.8	1623.7	1863.4	2142.0	2467.2	2855.6	3308.7	3813.8	4405.7	5137.9	5970.7
27.5°	1458.9	1694.8	1957.4	2258.7	2606.3	3036.1	3549.0	4141.1	4838.4	5665.9	6638.7
25°	1512.2	1759.5	2043.8	2369.9	2759.6	3231.1	3787.2	4442.8	5271.4	6258.1	7454.9
22.5°	1563.0	1818.6	2121.9	2469.8	2897.8	3419.7	4045.6	4795.9	5711.8	6819.1	8254.4
20°	1610.7	1882.4	2199.5	2565.4	3021.2	3590.0	4283.3	5125.5	6167.7	7478.6	9038.4
17.5°	1652.6	1938.7	2272.9	2668.7	3158.8	3763.2	4507.4	5416.5	6573.6	8067.6	9761.8
15°	1688.6	1987.2	2336.4	2758.2	3282.7	3935.3	4742.6	5735.6	6996.9	8603.2	10397.0
12.5°	1718.6	2027.8	2389.7	2833.5	3386.8	4080.7	4943.5	6019.9	7409.3	9107.6	10954.7
10°	1742.5	2060.4	2432.6	2894.3	3470.8	4198.9	5109.0	6252.6	7752.4	9540.1	11426.5
7.5°	1762.4	2085.8	2465.6	2940.4	3534.3	4289.1	5237.8	6432.1	8020.6	9882.5	11788.5
5°	1776.6	2104.1	2490.6	2972.7	3580.9	4352.0	5327.9	6557.6	8211.4	10130.6	12036.1
2.5°	1784.6	2114.0	2505.0	2989.9	3609.5	4387.7	5375.2	6636.5	8316.3	10272.3	12185.7
0°	1786.2	2115.6	2508.5	2992.0	3617.6	4394.4	5382.6	6661.1	8338.4	10308.9	12240.1
-2.5°	1784.6	2114.0	2505.0	2989.9	3609.5	4387.7	5375.2	6636.5	8316.3	10272.3	12185.7
-5°	1776.6	2104.1	2490.6	2972.7	3580.9	4352.0	5327.9	6557.6	8211.4	10130.6	12036.1
-7.5°	1762.4	2085.8	2465.6	2940.4	3534.3	4289.1	5237.8	6432.1	8020.6	9882.5	11788.5
-10°	1742.5	2060.4	2432.6	2894.3	3470.8	4198.9	5109.0	6252.6	7752.4	9540.1	11426.5
-12.5°	1718.6	2027.8	2389.7	2833.5	3386.8	4080.7	4943.5	6019.9	7409.3	9107.6	10954.7
-15°	1688.6	1987.2	2336.4	2758.2	3282.7	3935.3	4742.6	5735.6	6996.9	8603.2	10397.0
-17.5°	1652.6	1938.7	2272.9	2668.7	3158.8	3763.2	4507.4	5416.5	6573.6	8067.6	9761.8
-20°	1610.7	1882.4	2199.5	2565.4	3021.2	3590.0	4283.3	5125.5	6167.7	7478.6	9038.4



REPORT NUMBER: P627783 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-750-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°	1563.0	1818.6	2121.9	2469.8	2897.8	3419.7	4045.6	4795.9	5711.8	6819.1	8254.4
-25°	1512.2	1759.5	2043.8	2369.9	2759.6	3231.1	3787.2	4442.8	5271.4	6258.1	7454.9
-27.5°	1458.9	1694.8	1957.4	2258.7	2606.3	3036.1	3549.0	4141.1	4838.4	5665.9	6638.7
-30°	1400.8	1623.7	1863.4	2142.0	2467.2	2855.6	3308.7	3813.8	4405.7	5137.9	5970.7
-32.5°	1338.1	1547.6	1774.4	2031.9	2324.2	2659.8	3058.6	3515.6	4030.1	4613.9	5323.3
-35°	1275.9	1473.6	1684.9	1914.3	2172.5	2479.8	2830.9	3219.1	3653.9	4166.5	4733.5
-37.5°	1217.2	1395.5	1589.9	1799.4	2037.8	2303.0	2596.5	2947.9	3325.2	3722.6	4208.6
-40°	1154.8	1313.5	1497.8	1690.9	1896.3	2131.7	2397.6	2684.2	3011.2	3360.8	3718.1
-42.5°	1090.3	1240.8	1404.4	1577.1	1766.7	1972.6	2193.6	2451.8	2719.8	3014.9	3329.3
-45°	1034.2	1164.6	1309.7	1471.3	1637.8	1817.0	2016.7	2222.0	2459.7	2698.2	2966.0
-47.5°	975.7	1089.2	1222.8	1361.9	1513.6	1672.8	1840.7	2027.6	2213.8	2424.9	2628.8
-50°	916.4	1022.8	1132.2	1260.3	1392.7	1532.5	1680.8	1838.0	2005.5	2173.1	2350.9
-52.5°	859.8	954.1	1052.4	1159.5	1277.9	1400.2	1528.6	1663.6	1807.5	1952.3	2099.2
-55°	801.7	888.4	972.0	1065.6	1167.0	1275.5	1384.9	1502.7	1618.3	1748.6	1868.8
-57.5°	747.3	820.9	894.4	973.3	1061.8	1154.2	1251.1	1348.2	1452.9	1556.4	1655.3
-60°	694.9	754.4	818.2	886.0	957.0	1037.8	1118.5	1204.7	1292.3	1377.8	1464.9
-62.5°	640.4	688.2	740.8	800.8	862.3	921.6	990.5	1062.9	1136.2	1207.3	1277.7
-65°	575.9	618.3	660.7	710.4	767.2	814.6	865.9	922.3	985.0	1041.6	1093.2
-67.5°	508.7	546.1	580.9	615.1	658.8	700.6	742.3	785.6	833.5	883.8	928.2
-70°	436.1	473.1	503.9	531.7	555.7	581.7	615.3	648.4	686.4	734.3	778.2
-72.5°	362.6	395.9	425.1	450.2	465.9	477.8	493.6	513.0	549.1	597.1	639.4
-75°	293.1	319.2	345.2	367.9	377.6	378.4	377.3	383.7	419.4	468.3	511.4
-77.5°	226.4	247.9	268.0	286.6	291.9	291.1	287.7	281.8	308.8	350.6	394.0
-80°	163.1	176.7	192.4	207.0	210.4	209.0	204.5	197.0	218.3	248.5	281.0
-82.5°	106.4	115.6	124.3	132.5	133.4	131.2	127.2	122.5	138.7	158.2	178.6
-85°	54.5	54.5	59.0	63.2	65.1	65.4	64.1	61.3	69.3	78.4	88.1
-87.5°	27.2	27.2	26.8	26.0	24.8	23.3	21.5	19.3	20.1	20.8	21.6
-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: P627783 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-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°	22.3	21.7	21.0	20.1	19.2	18.9	18.5	18.0	17.5	16.2	14.9
85°	98.3	100.5	101.7	102.3	102.3	105.6	108.7	111.4	113.9	103.2	91.5
82.5°	199.8	209.2	217.4	225.6	233.7	239.2	243.4	246.5	248.5	224.9	198.5
80°	314.6	334.3	350.6	366.2	381.1	384.9	384.8	382.7	378.6	346.3	309.9
77.5°	437.6	463.3	483.8	504.1	524.1	531.4	535.0	537.7	539.6	499.7	450.6
75°	549.0	579.8	608.4	635.0	659.5	672.6	680.3	686.5	691.4	651.4	598.7
72.5°	676.1	708.7	739.7	769.2	795.2	812.5	823.7	833.0	840.3	817.5	784.6
70°	816.0	849.6	882.4	913.1	942.5	965.7	983.9	999.6	1012.7	1015.2	1014.1
67.5°	971.2	1011.0	1050.0	1083.4	1118.3	1151.1	1179.8	1203.7	1222.9	1235.4	1242.5
65°	1145.5	1205.3	1258.5	1303.7	1341.4	1385.1	1423.6	1453.0	1473.8	1489.5	1503.0
62.5°	1350.8	1423.3	1484.2	1544.3	1606.4	1666.7	1704.4	1742.3	1779.2	1814.1	1843.9
60°	1548.4	1627.9	1710.3	1787.1	1858.2	1923.7	1991.3	2051.3	2103.8	2147.7	2180.4
57.5°	1759.0	1855.8	1949.4	2047.0	2138.8	2224.4	2308.0	2385.2	2451.9	2508.0	2553.9
55°	1987.6	2105.9	2217.3	2341.1	2461.1	2570.6	2671.3	2774.6	2867.7	2949.6	3014.5
52.5°	2234.0	2387.9	2535.4	2680.8	2836.3	2976.7	3102.4	3245.5	3372.5	3477.4	3559.1
50°	2528.3	2709.1	2903.8	3084.0	3280.2	3473.4	3651.5	3824.1	3992.9	4138.9	4256.9
47.5°	2863.4	3085.8	3327.1	3566.0	3809.5	4073.6	4309.3	4528.3	4764.3	4969.2	5133.5
45°	3235.8	3519.5	3810.9	4146.5	4455.9	4795.2	5109.2	5391.3	5725.9	6020.7	6258.1
42.5°	3649.0	4026.9	4410.0	4832.9	5243.1	5674.0	6131.6	6537.5	6981.3	7404.4	7746.4
40°	4161.1	4612.9	5125.9	5637.8	6226.7	6780.0	7446.6	8052.4	8602.6	9107.1	9520.6
37.5°	4730.2	5311.8	5956.4	6623.0	7429.0	8218.8	8999.2	9735.8	10386.2	10938.4	11401.6
35°	5376.3	6115.2	6896.0	7869.3	8813.5	9759.6	10640.9	11446.1	12153.4	12776.5	13306.3
32.5°	6119.4	7006.3	8099.3	9192.7	10269.8	11311.4	12279.0	13157.2	13933.0	14632.5	15241.7
30°	6900.7	8110.8	9337.6	10537.1	11713.5	12854.4	13916.4	14883.7	15760.3	16539.0	17240.9
27.5°	7893.5	9234.6	10572.3	11865.4	13159.5	14408.2	15559.1	16633.7	17639.5	18519.7	19322.0
25°	8853.8	10335.4	11757.4	13167.3	14576.0	15916.6	17203.5	18417.2	19569.2	20579.4	21475.1
22.5°	9814.0	11364.7	12884.2	14400.2	15913.5	17408.1	18853.0	20243.5	21531.9	22682.2	23690.5
20°	10703.3	12324.4	13949.3	15583.6	17223.9	18859.9	20482.8	22047.6	23482.9	24811.0	25977.9
17.5°	11500.5	13224.6	14947.4	16695.5	18473.6	20249.8	22052.6	23806.8	25447.7	26958.7	28312.6
15°	12206.6	14005.5	15855.8	17742.2	19651.6	21580.6	23547.7	25510.4	27357.5	29073.8	30585.2
12.5°	12823.9	14694.1	16633.4	18637.8	20710.2	22811.6	24958.5	27109.9	29154.7	31136.1	32768.1
10°	13333.2	15279.8	17306.8	19412.8	21598.3	23860.0	26163.2	28479.2	30732.0	32833.9	34700.1
7.5°	13726.6	15746.1	17834.8	20025.2	22318.1	24703.1	27143.0	29600.6	32004.7	34269.6	36334.6
5°	14004.1	16085.5	18200.5	20479.0	22851.5	25323.0	27858.9	30420.0	32933.2	35314.6	37454.7
2.5°	14165.2	16289.3	18413.4	20754.7	23168.7	25698.1	28302.8	30906.0	33485.5	35955.5	38154.7
0°	14207.6	16350.4	18535.5	20784.1	23268.4	25873.6	28385.1	30996.3	33677.0	36113.0	38304.1
-2.5°	14165.2	16289.3	18413.4	20754.7	23168.7	25698.1	28302.8	30906.0	33485.5	35955.5	38154.7
-5°	14004.1	16085.5	18200.5	20479.0	22851.5	25323.0	27858.9	30420.0	32933.2	35314.6	37454.7
-7.5°	13726.6	15746.1	17834.8	20025.2	22318.1	24703.1	27143.0	29600.6	32004.7	34269.6	36334.6
-10°	13333.2	15279.8	17306.8	19412.8	21598.3	23860.0	26163.2	28479.2	30732.0	32833.9	34700.1
-12.5°	12823.9	14694.1	16633.4	18637.8	20710.2	22811.6	24958.5	27109.9	29154.7	31136.1	32768.1
-15°	12206.6	14005.5	15855.8	17742.2	19651.6	21580.6	23547.7	25510.4	27357.5	29073.8	30585.2
-17.5°	11500.5	13224.6	14947.4	16695.5	18473.6	20249.8	22052.6	23806.8	25447.7	26958.7	28312.6
-20°	10703.3	12324.4	13949.3	15583.6	17223.9	18859.9	20482.8	22047.6	23482.9	24811.0	25977.9



REPORT NUMBER: P627783 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	9814.0	11364.7	12884.2	14400.2	15913.5	17408.1	18853.0	20243.5	21531.9	22682.2	23690.5
-25°	8853.8	10335.4	11757.4	13167.3	14576.0	15916.6	17203.5	18417.2	19569.2	20579.4	21475.1
-27.5°	7893.5	9234.6	10572.3	11865.4	13159.5	14408.2	15559.1	16633.7	17639.5	18519.7	19322.0
-30°	6900.7	8110.8	9337.6	10537.1	11713.5	12854.4	13916.4	14883.7	15760.3	16539.0	17240.9
-32.5°	6119.4	7006.3	8099.3	9192.7	10269.8	11311.4	12279.0	13157.2	13933.0	14632.5	15241.7
-35°	5376.3	6115.2	6896.0	7869.3	8813.5	9759.6	10640.9	11446.1	12153.4	12776.5	13306.3
-37.5°	4730.2	5311.8	5956.4	6623.0	7429.0	8218.8	8999.2	9735.8	10386.2	10938.4	11401.6
-40°	4161.1	4612.9	5125.9	5637.8	6226.7	6780.0	7446.6	8052.4	8602.6	9107.1	9520.6
-42.5°	3649.0	4026.9	4410.0	4832.9	5243.1	5674.0	6131.6	6537.5	6981.3	7404.4	7746.4
-45°	3235.8	3519.5	3810.9	4146.5	4455.9	4795.2	5109.2	5391.3	5725.9	6020.7	6258.1
-47.5°	2863.4	3085.8	3327.1	3566.0	3809.5	4073.6	4309.3	4528.3	4764.3	4969.2	5133.5
-50°	2528.3	2709.1	2903.8	3084.0	3280.2	3473.4	3651.5	3824.1	3992.9	4138.9	4256.9
-52.5°	2234.0	2387.9	2535.4	2680.8	2836.3	2976.7	3102.4	3245.5	3372.5	3477.4	3559.1
-55°	1987.6	2105.9	2217.3	2341.1	2461.1	2570.6	2671.3	2774.6	2867.7	2949.6	3014.5
-57.5°	1759.0	1855.8	1949.4	2047.0	2138.8	2224.4	2308.0	2385.2	2451.9	2508.0	2553.9
-60°	1548.4	1627.9	1710.3	1787.1	1858.2	1923.7	1991.3	2051.3	2103.8	2147.7	2180.4
-62.5°	1350.8	1423.3	1484.2	1544.3	1606.4	1666.7	1704.4	1742.3	1779.2	1814.1	1843.9
-65°	1145.5	1205.3	1258.5	1303.7	1341.4	1385.1	1423.6	1453.0	1473.8	1489.5	1503.0
-67.5°	971.2	1011.0	1050.0	1083.4	1118.3	1151.1	1179.8	1203.7	1222.9	1235.4	1242.5
-70°	816.0	849.6	882.4	913.1	942.5	965.7	983.9	999.6	1012.7	1015.2	1014.1
-72.5°	676.1	708.7	739.7	769.2	795.2	812.5	823.7	833.0	840.3	817.5	784.6
-75°	549.0	579.8	608.4	635.0	659.5	672.6	680.3	686.5	691.4	651.4	598.7
-77.5°	437.6	463.3	483.8	504.1	524.1	531.4	535.0	537.7	539.6	499.7	450.6
-80°	314.6	334.3	350.6	366.2	381.1	384.9	384.8	382.7	378.6	346.3	309.9
-82.5°	199.8	209.2	217.4	225.6	233.7	239.2	243.4	246.5	248.5	224.9	198.5
-85°	98.3	100.5	101.7	102.3	102.3	105.6	108.7	111.4	113.9	103.2	91.5
-87.5°	22.3	21.7	21.0	20.1	19.2	18.9	18.5	18.0	17.5	16.2	14.9
-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: P627783 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-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°	13.5	12.1	10.6	9.1	10.6	12.1	13.5	14.9	16.2	17.5	18.0
85°	79.1	66.2	64.9	63.5	64.9	66.2	79.1	91.5	103.2	113.9	111.4
82.5°	170.6	141.6	137.3	133.0	137.3	141.6	170.6	198.5	224.9	248.5	246.5
80°	271.8	232.6	224.9	217.6	224.9	232.6	271.8	309.9	346.3	378.6	382.7
77.5°	398.9	345.0	329.3	314.3	329.3	345.0	398.9	450.6	499.7	539.6	537.7
75°	544.0	487.4	468.3	450.3	468.3	487.4	544.0	598.7	651.4	691.4	686.5
72.5°	751.3	716.7	681.9	643.7	681.9	716.7	751.3	784.6	817.5	840.3	833.0
70°	1013.0	1010.6	1001.8	988.3	1001.8	1010.6	1013.0	1014.1	1015.2	1012.7	999.6
67.5°	1245.5	1244.5	1247.6	1248.2	1247.6	1244.5	1245.5	1242.5	1235.4	1222.9	1203.7
65°	1511.3	1514.2	1520.4	1523.2	1520.4	1514.2	1511.3	1503.0	1489.5	1473.8	1453.0
62.5°	1866.8	1882.2	1889.8	1888.9	1889.8	1882.2	1866.8	1843.9	1814.1	1779.2	1742.3
60°	2204.8	2220.9	2230.9	2233.4	2230.9	2220.9	2204.8	2180.4	2147.7	2103.8	2051.3
57.5°	2590.2	2616.5	2630.4	2632.4	2630.4	2616.5	2590.2	2553.9	2508.0	2451.9	2385.2
55°	3064.3	3099.1	3114.7	3112.9	3114.7	3099.1	3064.3	3014.5	2949.6	2867.7	2774.6
52.5°	3620.9	3663.3	3695.1	3714.4	3695.1	3663.3	3620.9	3559.1	3477.4	3372.5	3245.5
50°	4345.6	4406.4	4445.1	4460.9	4445.1	4406.4	4345.6	4256.9	4138.9	3992.9	3824.1
47.5°	5252.3	5332.8	5392.5	5434.0	5392.5	5332.8	5252.3	5133.5	4969.2	4764.3	4528.3
45°	6433.3	6556.1	6639.5	6688.3	6639.5	6556.1	6433.3	6258.1	6020.7	5725.9	5391.3
42.5°	8013.4	8204.0	8320.8	8365.6	8320.8	8204.0	8013.4	7746.4	7404.4	6981.3	6537.5
40°	9847.1	10076.1	10226.3	10330.1	10226.3	10076.1	9847.1	9520.6	9107.1	8602.6	8052.4
37.5°	11757.1	11997.6	12143.9	12243.2	12143.9	11997.6	11757.1	11401.6	10938.4	10386.2	9735.8
35°	13705.7	13957.4	14094.6	14171.4	14094.6	13957.4	13705.7	13306.3	12776.5	12153.4	11446.1
32.5°	15706.1	15983.4	16132.7	16287.0	16132.7	15983.4	15706.1	15241.7	14632.5	13933.0	13157.2
30°	17795.5	18113.8	18269.9	18345.1	18269.9	18113.8	17795.5	17240.9	16539.0	15760.3	14883.7
27.5°	19969.5	20366.3	20561.7	20690.4	20561.7	20366.3	19969.5	19322.0	18519.7	17639.5	16633.7
25°	22231.6	22723.3	22947.1	23147.5	22947.1	22723.3	22231.6	21475.1	20579.4	19569.2	18417.2
22.5°	24578.7	25190.9	25450.2	25592.5	25450.2	25190.9	24578.7	23690.5	22682.2	21531.9	20243.5
20°	26987.0	27718.6	28078.7	28264.2	28078.7	27718.6	26987.0	25977.9	24811.0	23482.9	22047.6
17.5°	29449.7	30359.7	30825.8	30932.8	30825.8	30359.7	29449.7	28312.6	26958.7	25447.7	23806.8
15°	31867.4	32851.6	33402.6	33604.5	33402.6	32851.6	31867.4	30585.2	29073.8	27357.5	25510.4
12.5°	34157.0	35177.2	35835.5	35952.8	35835.5	35177.2	34157.0	32768.1	31136.1	29154.7	27109.9
10°	36233.5	37290.3	38017.5	38183.2	38017.5	37290.3	36233.5	34700.1	32833.9	30732.0	28479.2
7.5°	37969.4	39129.1	39932.3	40072.1	39932.3	39129.1	37969.4	36334.6	34269.6	32004.7	29600.6
5°	39239.5	40616.2	41275.7	41441.2	41275.7	40616.2	39239.5	37454.7	35314.6	32933.2	30420.0
2.5°	39936.3	41337.8	42254.2	42148.4	42254.2	41337.8	39936.3	38154.7	35955.5	33485.5	30906.0
0°	40014.7	41480.5	42357.0	42761.9	42357.0	41480.5	40014.7	38304.1	36113.0	33677.0	30996.3
-2.5°	39936.3	41337.8	42254.2	42148.4	42254.2	41337.8	39936.3	38154.7	35955.5	33485.5	30906.0
-5°	39239.5	40616.2	41275.7	41441.2	41275.7	40616.2	39239.5	37454.7	35314.6	32933.2	30420.0
-7.5°	37969.4	39129.1	39932.3	40072.1	39932.3	39129.1	37969.4	36334.6	34269.6	32004.7	29600.6
-10°	36233.5	37290.3	38017.5	38183.2	38017.5	37290.3	36233.5	34700.1	32833.9	30732.0	28479.2
-12.5°	34157.0	35177.2	35835.5	35952.8	35835.5	35177.2	34157.0	32768.1	31136.1	29154.7	27109.9
-15°	31867.4	32851.6	33402.6	33604.5	33402.6	32851.6	31867.4	30585.2	29073.8	27357.5	25510.4
-17.5°	29449.7	30359.7	30825.8	30932.8	30825.8	30359.7	29449.7	28312.6	26958.7	25447.7	23806.8
-20°	26987.0	27718.6	28078.7	28264.2	28078.7	27718.6	26987.0	25977.9	24811.0	23482.9	22047.6



REPORT NUMBER: P627783 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-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°	24578.7	25190.9	25450.2	25592.5	25450.2	25190.9	24578.7	23690.5	22682.2	21531.9	20243.5
-25°	22231.6	22723.3	22947.1	23147.5	22947.1	22723.3	22231.6	21475.1	20579.4	19569.2	18417.2
-27.5°	19969.5	20366.3	20561.7	20690.4	20561.7	20366.3	19969.5	19322.0	18519.7	17639.5	16633.7
-30°	17795.5	18113.8	18269.9	18345.1	18269.9	18113.8	17795.5	17240.9	16539.0	15760.3	14883.7
-32.5°	15706.1	15983.4	16132.7	16287.0	16132.7	15983.4	15706.1	15241.7	14632.5	13933.0	13157.2
-35°	13705.7	13957.4	14094.6	14171.4	14094.6	13957.4	13705.7	13306.3	12776.5	12153.4	11446.1
-37.5°	11757.1	11997.6	12143.9	12243.2	12143.9	11997.6	11757.1	11401.6	10938.4	10386.2	9735.8
-40°	9847.1	10076.1	10226.3	10330.1	10226.3	10076.1	9847.1	9520.6	9107.1	8602.6	8052.4
-42.5°	8013.4	8204.0	8320.8	8365.6	8320.8	8204.0	8013.4	7746.4	7404.4	6981.3	6537.5
-45°	6433.3	6556.1	6639.5	6688.3	6639.5	6556.1	6433.3	6258.1	6020.7	5725.9	5391.3
-47.5°	5252.3	5332.8	5392.5	5434.0	5392.5	5332.8	5252.3	5133.5	4969.2	4764.3	4528.3
-50°	4345.6	4406.4	4445.1	4460.9	4445.1	4406.4	4345.6	4256.9	4138.9	3992.9	3824.1
-52.5°	3620.9	3663.3	3695.1	3714.4	3695.1	3663.3	3620.9	3559.1	3477.4	3372.5	3245.5
-55°	3064.3	3099.1	3114.7	3112.9	3114.7	3099.1	3064.3	3014.5	2949.6	2867.7	2774.6
-57.5°	2590.2	2616.5	2630.4	2632.4	2630.4	2616.5	2590.2	2553.9	2508.0	2451.9	2385.2
-60°	2204.8	2220.9	2230.9	2233.4	2230.9	2220.9	2204.8	2180.4	2147.7	2103.8	2051.3
-62.5°	1866.8	1882.2	1889.8	1888.9	1889.8	1882.2	1866.8	1843.9	1814.1	1779.2	1742.3
-65°	1511.3	1514.2	1520.4	1523.2	1520.4	1514.2	1511.3	1503.0	1489.5	1473.8	1453.0
-67.5°	1245.5	1244.5	1247.6	1248.2	1247.6	1244.5	1245.5	1242.5	1235.4	1222.9	1203.7
-70°	1013.0	1010.6	1001.8	988.3	1001.8	1010.6	1013.0	1014.1	1015.2	1012.7	999.6
-72.5°	751.3	716.7	681.9	643.7	681.9	716.7	751.3	784.6	817.5	840.3	833.0
-75°	544.0	487.4	468.3	450.3	468.3	487.4	544.0	598.7	651.4	691.4	686.5
-77.5°	398.9	345.0	329.3	314.3	329.3	345.0	398.9	450.6	499.7	539.6	537.7
-80°	271.8	232.6	224.9	217.6	224.9	232.6	271.8	309.9	346.3	378.6	382.7
-82.5°	170.6	141.6	137.3	133.0	137.3	141.6	170.6	198.5	224.9	248.5	246.5
-85°	79.1	66.2	64.9	63.5	64.9	66.2	79.1	91.5	103.2	113.9	111.4
-87.5°	13.5	12.1	10.6	9.1	10.6	12.1	13.5	14.9	16.2	17.5	18.0
-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: P627783 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-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°	18.5	18.9	19.2	20.1	21.0	21.7	22.3	21.6	20.8	20.1	19.3
85°	108.7	105.6	102.3	102.3	101.7	100.5	98.3	88.1	78.4	69.3	61.3
82.5°	243.4	239.2	233.7	225.6	217.4	209.2	199.8	178.6	158.2	138.7	122.5
80°	384.8	384.9	381.1	366.2	350.6	334.3	314.6	281.0	248.5	218.3	197.0
77.5°	535.0	531.4	524.1	504.1	483.8	463.3	437.6	394.0	350.6	308.8	281.8
75°	680.3	672.6	659.5	635.0	608.4	579.8	549.0	511.4	468.3	419.4	383.7
72.5°	823.7	812.5	795.2	769.2	739.7	708.7	676.1	639.4	597.1	549.1	513.0
70°	983.9	965.7	942.5	913.1	882.4	849.6	816.0	778.2	734.3	686.4	648.4
67.5°	1179.8	1151.1	1118.3	1083.4	1050.0	1011.0	971.2	928.2	883.8	833.5	785.6
65°	1423.6	1385.1	1341.4	1303.7	1258.5	1205.3	1145.5	1093.2	1041.6	985.0	922.3
62.5°	1704.4	1666.7	1606.4	1544.3	1484.2	1423.3	1350.8	1277.7	1207.3	1136.2	1062.9
60°	1991.3	1923.7	1858.2	1787.1	1710.3	1627.9	1548.4	1464.9	1377.8	1292.3	1204.7
57.5°	2308.0	2224.4	2138.8	2047.0	1949.4	1855.8	1759.0	1655.3	1556.4	1452.9	1348.2
55°	2671.3	2570.6	2461.1	2341.1	2217.3	2105.9	1987.6	1868.8	1748.6	1618.3	1502.7
52.5°	3102.4	2976.7	2836.3	2680.8	2535.4	2387.9	2234.0	2099.2	1952.3	1807.5	1663.6
50°	3651.5	3473.4	3280.2	3084.0	2903.8	2709.1	2528.3	2350.9	2173.1	2005.5	1838.0
47.5°	4309.3	4073.6	3809.5	3566.0	3327.1	3085.8	2863.4	2628.8	2424.9	2213.8	2027.6
45°	5109.2	4795.2	4455.9	4146.5	3810.9	3519.5	3235.8	2966.0	2698.2	2459.7	2222.0
42.5°	6131.6	5674.0	5243.1	4832.9	4410.0	4026.9	3649.0	3329.3	3014.9	2719.8	2451.8
40°	7446.6	6780.0	6226.7	5637.8	5125.9	4612.9	4161.1	3718.1	3360.8	3011.2	2684.2
37.5°	8999.2	8218.8	7429.0	6623.0	5956.4	5311.8	4730.2	4208.6	3722.6	3325.2	2947.9
35°	10640.9	9759.6	8813.5	7869.3	6896.0	6115.2	5376.3	4733.5	4166.5	3653.9	3219.1
32.5°	12279.0	11311.4	10269.8	9192.7	8099.3	7006.3	6119.4	5323.3	4613.9	4030.1	3515.6
30°	13916.4	12854.4	11713.5	10537.1	9337.6	8110.8	6900.7	5970.7	5137.9	4405.7	3813.8
27.5°	15559.1	14408.2	13159.5	11865.4	10572.3	9234.6	7893.5	6638.7	5665.9	4838.4	4141.1
25°	17203.5	15916.6	14576.0	13167.3	11757.4	10335.4	8853.8	7454.9	6258.1	5271.4	4442.8
22.5°	18853.0	17408.1	15913.5	14400.2	12884.2	11364.7	9814.0	8254.4	6819.1	5711.8	4795.9
20°	20482.8	18859.9	17223.9	15583.6	13949.3	12324.4	10703.3	9038.4	7478.6	6167.7	5125.5
17.5°	22052.6	20249.8	18473.6	16695.5	14947.4	13224.6	11500.5	9761.8	8067.6	6573.6	5416.5
15°	23547.7	21580.6	19651.6	17742.2	15855.8	14005.5	12206.6	10397.0	8603.2	6996.9	5735.6
12.5°	24958.5	22811.6	20710.2	18637.8	16633.4	14694.1	12823.9	10954.7	9107.6	7409.3	6019.9
10°	26163.2	23860.0	21598.3	19412.8	17306.8	15279.8	13333.2	11426.5	9540.1	7752.4	6252.6
7.5°	27143.0	24703.1	22318.1	20025.2	17834.8	15746.1	13726.6	11788.5	9882.5	8020.6	6432.1
5°	27858.9	25323.0	22851.5	20479.0	18200.5	16085.5	14004.1	12036.1	10130.6	8211.4	6557.6
2.5°	28302.8	25698.1	23168.7	20754.7	18413.4	16289.3	14165.2	12185.7	10272.3	8316.3	6636.5
0°	28385.1	25873.6	23268.4	20784.1	18535.5	16350.4	14207.6	12240.1	10308.9	8338.4	6661.1
-2.5°	28302.8	25698.1	23168.7	20754.7	18413.4	16289.3	14165.2	12185.7	10272.3	8316.3	6636.5
-5°	27858.9	25323.0	22851.5	20479.0	18200.5	16085.5	14004.1	12036.1	10130.6	8211.4	6557.6
-7.5°	27143.0	24703.1	22318.1	20025.2	17834.8	15746.1	13726.6	11788.5	9882.5	8020.6	6432.1
-10°	26163.2	23860.0	21598.3	19412.8	17306.8	15279.8	13333.2	11426.5	9540.1	7752.4	6252.6
-12.5°	24958.5	22811.6	20710.2	18637.8	16633.4	14694.1	12823.9	10954.7	9107.6	7409.3	6019.9
-15°	23547.7	21580.6	19651.6	17742.2	15855.8	14005.5	12206.6	10397.0	8603.2	6996.9	5735.6
-17.5°	22052.6	20249.8	18473.6	16695.5	14947.4	13224.6	11500.5	9761.8	8067.6	6573.6	5416.5
-20°	20482.8	18859.9	17223.9	15583.6	13949.3	12324.4	10703.3	9038.4	7478.6	6167.7	5125.5



REPORT NUMBER: P627783 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-750-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	18853.0	17408.1	15913.5	14400.2	12884.2	11364.7	9814.0	8254.4	6819.1	5711.8	4795.9
-25°	17203.5	15916.6	14576.0	13167.3	11757.4	10335.4	8853.8	7454.9	6258.1	5271.4	4442.8
-27.5°	15559.1	14408.2	13159.5	11865.4	10572.3	9234.6	7893.5	6638.7	5665.9	4838.4	4141.1
-30°	13916.4	12854.4	11713.5	10537.1	9337.6	8110.8	6900.7	5970.7	5137.9	4405.7	3813.8
-32.5°	12279.0	11311.4	10269.8	9192.7	8099.3	7006.3	6119.4	5323.3	4613.9	4030.1	3515.6
-35°	10640.9	9759.6	8813.5	7869.3	6896.0	6115.2	5376.3	4733.5	4166.5	3653.9	3219.1
-37.5°	8999.2	8218.8	7429.0	6623.0	5956.4	5311.8	4730.2	4208.6	3722.6	3325.2	2947.9
-40°	7446.6	6780.0	6226.7	5637.8	5125.9	4612.9	4161.1	3718.1	3360.8	3011.2	2684.2
-42.5°	6131.6	5674.0	5243.1	4832.9	4410.0	4026.9	3649.0	3329.3	3014.9	2719.8	2451.8
-45°	5109.2	4795.2	4455.9	4146.5	3810.9	3519.5	3235.8	2966.0	2698.2	2459.7	2222.0
-47.5°	4309.3	4073.6	3809.5	3566.0	3327.1	3085.8	2863.4	2628.8	2424.9	2213.8	2027.6
-50°	3651.5	3473.4	3280.2	3084.0	2903.8	2709.1	2528.3	2350.9	2173.1	2005.5	1838.0
-52.5°	3102.4	2976.7	2836.3	2680.8	2535.4	2387.9	2234.0	2099.2	1952.3	1807.5	1663.6
-55°	2671.3	2570.6	2461.1	2341.1	2217.3	2105.9	1987.6	1868.8	1748.6	1618.3	1502.7
-57.5°	2308.0	2224.4	2138.8	2047.0	1949.4	1855.8	1759.0	1655.3	1556.4	1452.9	1348.2
-60°	1991.3	1923.7	1858.2	1787.1	1710.3	1627.9	1548.4	1464.9	1377.8	1292.3	1204.7
-62.5°	1704.4	1666.7	1606.4	1544.3	1484.2	1423.3	1350.8	1277.7	1207.3	1136.2	1062.9
-65°	1423.6	1385.1	1341.4	1303.7	1258.5	1205.3	1145.5	1093.2	1041.6	985.0	922.3
-67.5°	1179.8	1151.1	1118.3	1083.4	1050.0	1011.0	971.2	928.2	883.8	833.5	785.6
-70°	983.9	965.7	942.5	913.1	882.4	849.6	816.0	778.2	734.3	686.4	648.4
-72.5°	823.7	812.5	795.2	769.2	739.7	708.7	676.1	639.4	597.1	549.1	513.0
-75°	680.3	672.6	659.5	635.0	608.4	579.8	549.0	511.4	468.3	419.4	383.7
-77.5°	535.0	531.4	524.1	504.1	483.8	463.3	437.6	394.0	350.6	308.8	281.8
-80°	384.8	384.9	381.1	366.2	350.6	334.3	314.6	281.0	248.5	218.3	197.0
-82.5°	243.4	239.2	233.7	225.6	217.4	209.2	199.8	178.6	158.2	138.7	122.5
-85°	108.7	105.6	102.3	102.3	101.7	100.5	98.3	88.1	78.4	69.3	61.3
-87.5°	18.5	18.9	19.2	20.1	21.0	21.7	22.3	21.6	20.8	20.1	19.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627783 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-750-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°	21.5	23.3	24.8	26.0	26.8	27.2	27.2	26.8	25.7	24.3	22.5
85°	64.1	65.4	65.1	63.2	59.0	54.5	54.5	53.7	51.5	48.6	45.0
82.5°	127.2	131.2	133.4	132.5	124.3	115.6	106.4	96.7	86.2	74.4	67.5
80°	204.5	209.0	210.4	207.0	192.4	176.7	163.1	149.1	135.3	119.8	102.4
77.5°	287.7	291.1	291.9	286.6	268.0	247.9	226.4	203.7	184.4	165.1	143.5
75°	377.3	378.4	377.6	367.9	345.2	319.2	293.1	264.9	236.7	210.4	184.5
72.5°	493.6	477.8	465.9	450.2	425.1	395.9	362.6	325.1	289.4	255.9	224.7
70°	615.3	581.7	555.7	531.7	503.9	473.1	436.1	389.1	341.3	300.6	262.6
67.5°	742.3	700.6	658.8	615.1	580.9	546.1	508.7	452.2	394.9	344.4	299.8
65°	865.9	814.6	767.2	710.4	660.7	618.3	575.9	511.9	446.5	387.7	336.2
62.5°	990.5	921.6	862.3	800.8	740.8	688.2	640.4	567.5	496.0	429.1	370.7
60°	1118.5	1037.8	957.0	886.0	818.2	754.4	694.9	621.4	543.9	468.7	403.3
57.5°	1251.1	1154.2	1061.8	973.3	894.4	820.9	747.3	671.1	590.2	508.7	432.7
55°	1384.9	1275.5	1167.0	1065.6	972.0	888.4	801.7	718.6	634.5	547.9	456.2
52.5°	1528.6	1400.2	1277.9	1159.5	1052.4	954.1	859.8	765.1	676.8	585.4	481.7
50°	1680.8	1532.5	1392.7	1260.3	1132.2	1022.8	916.4	816.0	718.0	621.7	505.7
47.5°	1840.7	1672.8	1513.6	1361.9	1222.8	1089.2	975.7	866.1	758.1	657.5	527.5
45°	2016.7	1817.0	1637.8	1471.3	1309.7	1164.6	1034.2	914.4	801.5	683.1	547.1
42.5°	2193.6	1972.6	1766.7	1577.1	1404.4	1240.8	1090.3	964.6	843.4	706.6	566.3
40°	2397.6	2131.7	1896.3	1690.9	1497.8	1313.5	1154.8	1013.1	882.3	729.8	585.0
37.5°	2596.5	2303.0	2037.8	1799.4	1589.9	1395.5	1217.2	1059.0	913.0	755.3	601.8
35°	2830.9	2479.8	2172.5	1914.3	1684.9	1473.6	1275.9	1106.1	946.7	779.7	616.9
32.5°	3058.6	2659.8	2324.2	2031.9	1774.4	1547.6	1338.1	1154.2	981.0	803.0	630.1
30°	3308.7	2855.6	2467.2	2142.0	1863.4	1623.7	1400.8	1199.6	1015.6	825.0	642.9
27.5°	3549.0	3036.1	2606.3	2258.7	1957.4	1694.8	1458.9	1242.0	1050.3	847.9	658.8
25°	3787.2	3231.1	2759.6	2369.9	2043.8	1759.5	1512.2	1281.7	1084.3	873.5	673.1
22.5°	4045.6	3419.7	2897.8	2469.8	2121.9	1818.6	1563.0	1325.1	1115.5	898.0	685.6
20°	4283.3	3590.0	3021.2	2565.4	2199.5	1882.4	1610.7	1363.9	1143.6	921.0	696.2
17.5°	4507.4	3763.2	3158.8	2668.7	2272.9	1938.7	1652.6	1398.1	1168.4	942.1	704.8
15°	4742.6	3935.3	3282.7	2758.2	2336.4	1987.2	1688.6	1427.4	1189.7	961.2	712.9
12.5°	4943.5	4080.7	3386.8	2833.5	2389.7	2027.8	1718.6	1451.9	1207.6	977.3	720.2
10°	5109.0	4198.9	3470.8	2894.3	2432.6	2060.4	1742.5	1471.7	1222.4	989.9	724.2
7.5°	5237.8	4289.1	3534.3	2940.4	2465.6	2085.8	1762.4	1487.1	1233.9	998.7	725.1
5°	5327.9	4352.0	3580.9	2972.7	2490.6	2104.1	1776.6	1497.3	1241.7	1003.5	723.0
2.5°	5375.2	4387.7	3609.5	2989.9	2505.0	2114.0	1784.6	1502.3	1245.5	1004.2	718.0
0°	5382.6	4394.4	3617.6	2992.0	2508.5	2115.6	1786.2	1502.1	1245.2	1000.4	710.2
-2.5°	5375.2	4387.7	3609.5	2989.9	2505.0	2114.0	1784.6	1502.3	1245.5	1004.2	718.0
-5°	5327.9	4352.0	3580.9	2972.7	2490.6	2104.1	1776.6	1497.3	1241.7	1003.5	723.0
-7.5°	5237.8	4289.1	3534.3	2940.4	2465.6	2085.8	1762.4	1487.1	1233.9	998.7	725.1
-10°	5109.0	4198.9	3470.8	2894.3	2432.6	2060.4	1742.5	1471.7	1222.4	989.9	724.2
-12.5°	4943.5	4080.7	3386.8	2833.5	2389.7	2027.8	1718.6	1451.9	1207.6	977.3	720.2
-15°	4742.6	3935.3	3282.7	2758.2	2336.4	1987.2	1688.6	1427.4	1189.7	961.2	712.9
-17.5°	4507.4	3763.2	3158.8	2668.7	2272.9	1938.7	1652.6	1398.1	1168.4	942.1	704.8
-20°	4283.3	3590.0	3021.2	2565.4	2199.5	1882.4	1610.7	1363.9	1143.6	921.0	696.2

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Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
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Scaled Data Report



REPORT NUMBER: P627783 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-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°	4045.6	3419.7	2897.8	2469.8	2121.9	1818.6	1563.0	1325.1	1115.5	898.0	685.6
-25°	3787.2	3231.1	2759.6	2369.9	2043.8	1759.5	1512.2	1281.7	1084.3	873.5	673.1
-27.5°	3549.0	3036.1	2606.3	2258.7	1957.4	1694.8	1458.9	1242.0	1050.3	847.9	658.8
-30°	3308.7	2855.6	2467.2	2142.0	1863.4	1623.7	1400.8	1199.6	1015.6	825.0	642.9
-32.5°	3058.6	2659.8	2324.2	2031.9	1774.4	1547.6	1338.1	1154.2	981.0	803.0	630.1
-35°	2830.9	2479.8	2172.5	1914.3	1684.9	1473.6	1275.9	1106.1	946.7	779.7	616.9
-37.5°	2596.5	2303.0	2037.8	1799.4	1589.9	1395.5	1217.2	1059.0	913.0	755.3	601.8
-40°	2397.6	2131.7	1896.3	1690.9	1497.8	1313.5	1154.8	1013.1	882.3	729.8	585.0
-42.5°	2193.6	1972.6	1766.7	1577.1	1404.4	1240.8	1090.3	964.6	843.4	706.6	566.3
-45°	2016.7	1817.0	1637.8	1471.3	1309.7	1164.6	1034.2	914.4	801.5	683.1	547.1
-47.5°	1840.7	1672.8	1513.6	1361.9	1222.8	1089.2	975.7	866.1	758.1	657.5	527.5
-50°	1680.8	1532.5	1392.7	1260.3	1132.2	1022.8	916.4	816.0	718.0	621.7	505.7
-52.5°	1528.6	1400.2	1277.9	1159.5	1052.4	954.1	859.8	765.1	676.8	585.4	481.7
-55°	1384.9	1275.5	1167.0	1065.6	972.0	888.4	801.7	718.6	634.5	547.9	456.2
-57.5°	1251.1	1154.2	1061.8	973.3	894.4	820.9	747.3	671.1	590.2	508.7	432.7
-60°	1118.5	1037.8	957.0	886.0	818.2	754.4	694.9	621.4	543.9	468.7	403.3
-62.5°	990.5	921.6	862.3	800.8	740.8	688.2	640.4	567.5	496.0	429.1	370.7
-65°	865.9	814.6	767.2	710.4	660.7	618.3	575.9	511.9	446.5	387.7	336.2
-67.5°	742.3	700.6	658.8	615.1	580.9	546.1	508.7	452.2	394.9	344.4	299.8
-70°	615.3	581.7	555.7	531.7	503.9	473.1	436.1	389.1	341.3	300.6	262.6
-72.5°	493.6	477.8	465.9	450.2	425.1	395.9	362.6	325.1	289.4	255.9	224.7
-75°	377.3	378.4	377.6	367.9	345.2	319.2	293.1	264.9	236.7	210.4	184.5
-77.5°	287.7	291.1	291.9	286.6	268.0	247.9	226.4	203.7	184.4	165.1	143.5
-80°	204.5	209.0	210.4	207.0	192.4	176.7	163.1	149.1	135.3	119.8	102.4
-82.5°	127.2	131.2	133.4	132.5	124.3	115.6	106.4	96.7	86.2	74.4	67.5
-85°	64.1	65.4	65.1	63.2	59.0	54.5	54.5	53.7	51.5	48.6	45.0
-87.5°	21.5	23.3	24.8	26.0	26.8	27.2	27.2	26.8	25.7	24.3	22.5
-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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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627783 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-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°	20.3	15.9	11.8	8.2	5.0	2.2	0.0
85°	40.6	31.6	23.6	16.3	10.0	4.3	0.0
82.5°	60.7	47.3	35.2	24.4	14.9	6.5	0.0
80°	82.4	62.8	46.8	32.4	19.8	8.6	0.0
77.5°	117.6	81.7	58.2	40.4	24.7	10.7	0.0
75°	151.8	106.8	70.4	48.1	29.4	12.8	0.0
72.5°	184.9	131.1	87.2	55.8	34.1	14.9	0.0
70°	216.3	154.5	103.5	63.7	38.6	16.9	0.0
67.5°	243.6	176.8	119.0	73.6	43.0	18.9	0.0
65°	269.6	197.4	133.8	83.1	47.3	20.8	0.0
62.5°	294.1	216.1	147.7	92.1	51.4	22.6	0.0
60°	317.1	233.8	160.7	100.5	55.3	24.4	0.0
57.5°	337.8	250.2	172.8	108.4	60.1	26.1	0.0
55°	356.9	265.3	184.0	115.7	64.8	27.8	0.0
52.5°	374.4	279.2	194.4	122.4	69.2	29.4	0.0
50°	390.3	291.9	203.8	128.4	73.5	30.9	0.0
47.5°	405.1	303.4	212.2	133.9	77.5	32.3	0.0
45°	421.7	313.5	219.6	139.4	81.4	33.7	0.0
42.5°	436.5	322.4	225.9	144.2	85.0	34.9	0.0
40°	449.4	329.8	231.7	149.5	88.4	36.1	0.0
37.5°	460.5	335.9	236.8	154.9	91.5	37.2	0.0
35°	469.7	342.8	241.0	159.8	94.5	38.2	0.0
32.5°	478.2	349.3	244.2	164.3	97.2	39.1	0.0
30°	487.5	354.4	246.4	168.4	99.6	39.9	0.0
27.5°	495.2	358.0	251.7	172.0	101.8	40.6	0.0
25°	501.2	360.1	256.7	175.1	103.7	41.2	0.0
22.5°	505.4	362.9	261.2	177.8	105.4	41.7	0.0
20°	507.9	369.5	265.1	180.0	106.8	42.2	0.0
17.5°	513.6	374.9	268.3	181.8	108.0	42.5	0.0
15°	520.4	379.2	270.8	183.0	108.9	42.7	0.0
12.5°	525.4	382.3	272.7	183.9	109.5	42.9	0.0
10°	528.5	384.2	273.9	184.2	109.9	42.9	0.0
7.5°	529.7	385.0	274.5	184.2	110.0	42.9	0.0
5°	529.2	384.7	274.3	183.6	109.9	42.8	0.0
2.5°	526.9	383.3	273.5	182.7	109.5	42.6	0.0
0°	522.9	380.8	272.0	181.3	108.8	42.3	0.0
-2.5°	526.9	383.3	273.5	182.7	109.5	42.6	0.0
-5°	529.2	384.7	274.3	183.6	109.9	42.8	0.0
-7.5°	529.7	385.0	274.5	184.2	110.0	42.9	0.0
-10°	528.5	384.2	273.9	184.2	109.9	42.9	0.0
-12.5°	525.4	382.3	272.7	183.9	109.5	42.9	0.0
-15°	520.4	379.2	270.8	183.0	108.9	42.7	0.0
-17.5°	513.6	374.9	268.3	181.8	108.0	42.5	0.0
-20°	507.9	369.5	265.1	180.0	106.8	42.2	0.0

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REPORT NUMBER: P627783 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	505.4	362.9	261.2	177.8	105.4	41.7	0.0
-25°	501.2	360.1	256.7	175.1	103.7	41.2	0.0
-27.5°	495.2	358.0	251.7	172.0	101.8	40.6	0.0
-30°	487.5	354.4	246.4	168.4	99.6	39.9	0.0
-32.5°	478.2	349.3	244.2	164.3	97.2	39.1	0.0
-35°	469.7	342.8	241.0	159.8	94.5	38.2	0.0
-37.5°	460.5	335.9	236.8	154.9	91.5	37.2	0.0
-40°	449.4	329.8	231.7	149.5	88.4	36.1	0.0
-42.5°	436.5	322.4	225.9	144.2	85.0	34.9	0.0
-45°	421.7	313.5	219.6	139.4	81.4	33.7	0.0
-47.5°	405.1	303.4	212.2	133.9	77.5	32.3	0.0
-50°	390.3	291.9	203.8	128.4	73.5	30.9	0.0
-52.5°	374.4	279.2	194.4	122.4	69.2	29.4	0.0
-55°	356.9	265.3	184.0	115.7	64.8	27.8	0.0
-57.5°	337.8	250.2	172.8	108.4	60.1	26.1	0.0
-60°	317.1	233.8	160.7	100.5	55.3	24.4	0.0
-62.5°	294.1	216.1	147.7	92.1	51.4	22.6	0.0
-65°	269.6	197.4	133.8	83.1	47.3	20.8	0.0
-67.5°	243.6	176.8	119.0	73.6	43.0	18.9	0.0
-70°	216.3	154.5	103.5	63.7	38.6	16.9	0.0
-72.5°	184.9	131.1	87.2	55.8	34.1	14.9	0.0
-75°	151.8	106.8	70.4	48.1	29.4	12.8	0.0
-77.5°	117.6	81.7	58.2	40.4	24.7	10.7	0.0
-80°	82.4	62.8	46.8	32.4	19.8	8.6	0.0
-82.5°	60.7	47.3	35.2	24.4	14.9	6.5	0.0
-85°	40.6	31.6	23.6	16.3	10.0	4.3	0.0
-87.5°	20.3	15.9	11.8	8.2	5.0	2.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)