

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



Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P627741 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA5E-727-U-VWR-XX

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P627741 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-17)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 5/9/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA5E-727-U-VWR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N116  
Light Source: (80) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

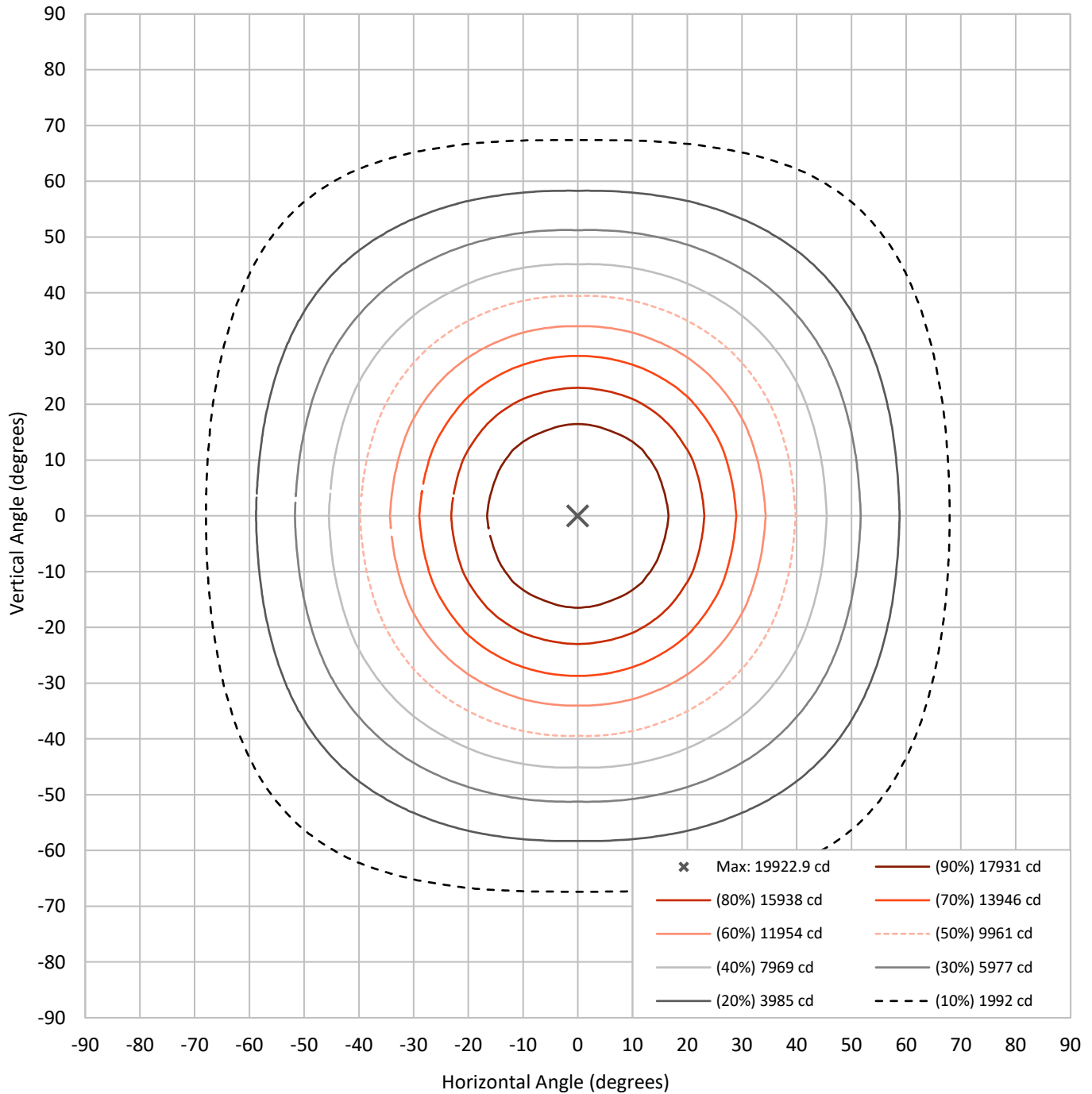
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	36008.9 lumens	Max Intensity:	19922.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	114.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	79.6°H x 78.9°V	Field Angle (10%):	135.9°H x 134.8°V
Beam Lumens:	21119.4 lumens	Field Lumens:	34328.3 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
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





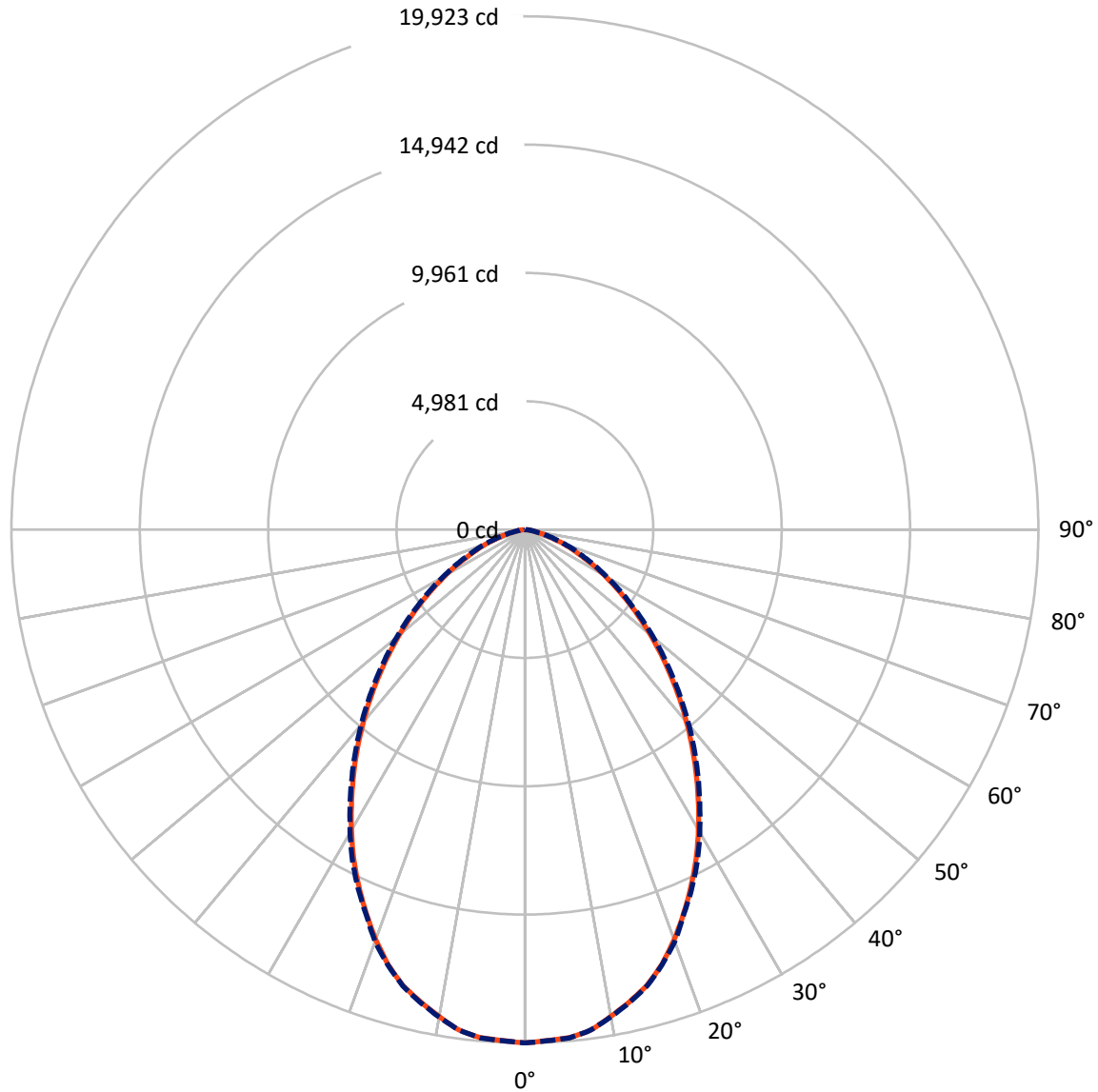
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### Lumen Table

90																			
80	1.2	14.8	40.2	68.2	64.3	68.2	40.2	14.8	1.2										
70																			
60	6.7	9.2	18.7	31.8	46.5	60.0	70.2	75.1	75.1	70.2	60.0	46.5	31.8	18.7	9.2	6.7			
50		13.9	30.3	54.0	81.8	111.2	135.3	147.9	147.9	135.3	111.2	81.8	54.0	30.3	13.9				
40	11.8	18.6	43.8	80.8	128.1	177.5	219.0	241.6	241.6	219.0	177.5	128.1	80.8	43.8	18.6	11.8			
30		23.5	58.0	111.3	179.3	251.4	312.9	347.9	347.9	312.9	251.4	179.3	111.3	58.0	23.5				
20	15.1	28.2	71.4	139.9	228.3	324.0	407.6	455.5	455.5	407.6	324.0	228.3	139.9	71.4	28.2	15.1			
10		31.8	81.7	161.4	266.5	383.0	485.7	544.1	544.1	485.7	383.0	266.5	161.4	81.7	31.8				
0	16.4	33.7	87.4	173.5	287.8	415.6	527.9	589.4	589.4	527.9	415.6	287.8	173.5	87.4	33.7	16.4			
-10		33.7	87.4	173.5	287.8	415.6	527.9	589.4	589.4	527.9	415.6	287.8	173.5	87.4	33.7				
-20	15.1	31.8	81.7	161.4	266.5	383.0	485.7	544.1	544.1	485.7	383.0	266.5	161.4	81.7	31.8	15.1			
-30		28.2	71.4	139.9	228.3	324.0	407.6	455.5	455.5	407.6	324.0	228.3	139.9	71.4	28.2				
-40	11.8	23.5	58.0	111.3	179.3	251.4	312.9	347.9	347.9	312.9	251.4	179.3	111.3	58.0	23.5	11.8			
-50		18.6	43.8	80.8	128.1	177.5	219.0	241.6	241.6	219.0	177.5	128.1	80.8	43.8	18.6				
-60	6.7	13.9	30.3	54.0	81.8	111.2	135.3	147.9	147.9	135.3	111.2	81.8	54.0	30.3	13.9	6.7			
-70		9.2	18.7	31.8	46.5	60.0	70.2	75.1	75.1	70.2	60.0	46.5	31.8	18.7	9.2				
-80	1.2	14.8	40.2	68.2	64.3	68.2	40.2	14.8	1.2										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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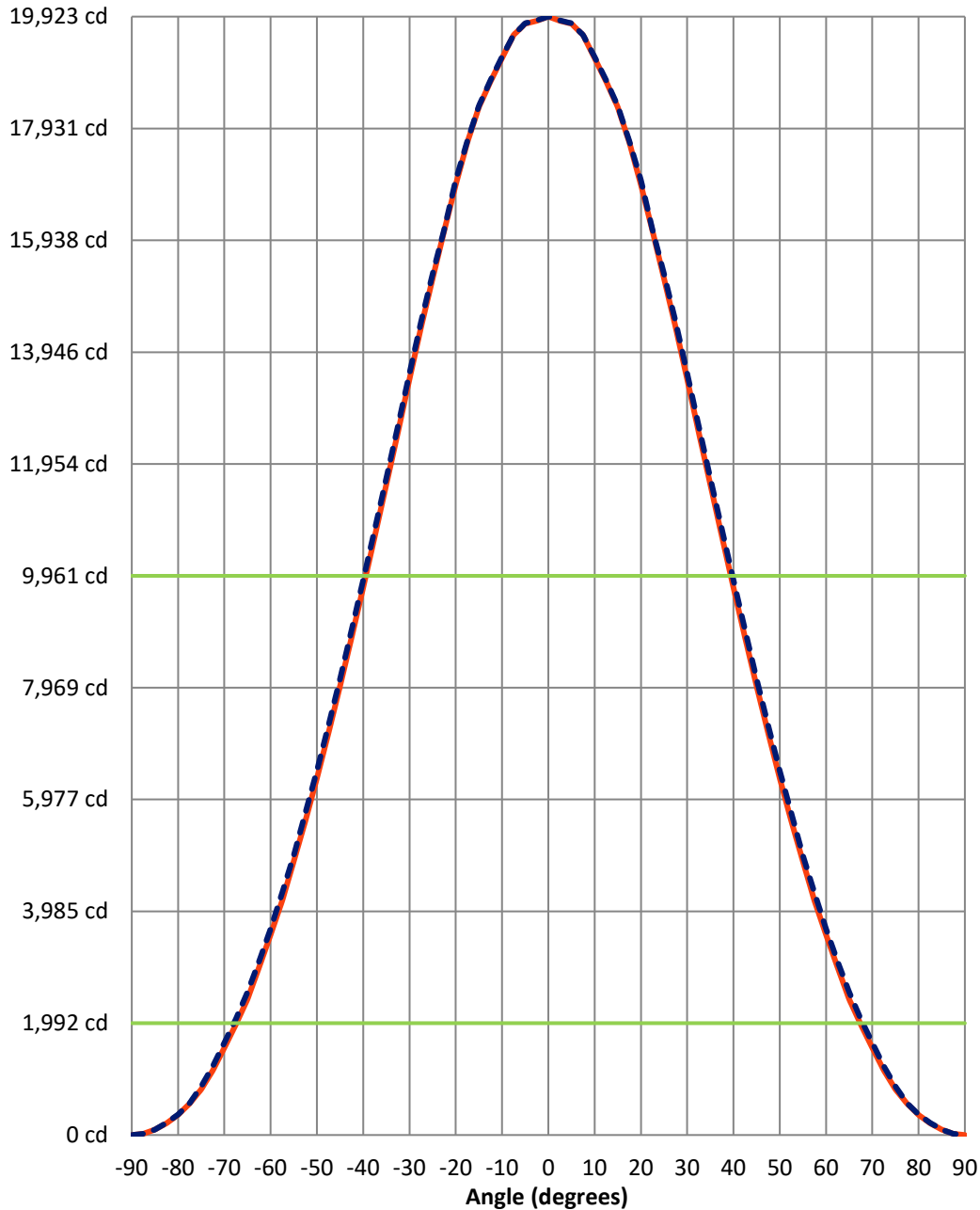
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 79.6°  
 V Angle: 78.9°  
 Lumens: 21119.4  
 Efficiency: 58.7%

**Field:**  
 H Angle: 135.9°  
 V Angle: 134.8°  
 Lumens: 34328.3  
 Efficiency: 95.3%

**Spill:**  
 Lumens: 1680.6  
 Efficiency: 4.7%

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

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Scaled Data Report



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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	1.1	2.6	3.9	5.2	6.5	7.7	9.0	10.2	11.4	12.6
85°	0.0	2.3	5.2	7.8	10.4	12.9	15.5	18.0	20.4	22.9	25.2
82.5°	0.0	3.4	7.8	11.7	15.5	19.4	23.2	26.9	33.7	53.0	71.5
80°	0.0	4.5	10.3	15.5	20.7	25.8	34.8	62.0	88.1	113.2	137.2
77.5°	0.0	5.6	12.9	19.4	25.8	40.4	75.9	110.1	142.2	173.1	211.4
75°	0.0	6.7	15.3	23.2	33.6	69.8	115.9	157.8	198.0	253.3	311.9
72.5°	0.0	7.8	17.8	26.9	53.5	98.4	154.7	209.1	272.2	339.5	410.7
70°	0.0	8.9	20.1	32.2	72.7	126.1	193.4	270.6	344.9	424.1	516.8
67.5°	0.0	9.9	22.4	44.1	91.2	152.5	239.9	330.7	416.0	516.1	622.3
65°	0.0	10.9	24.7	55.6	108.9	182.1	284.4	389.1	492.8	605.3	721.0
62.5°	0.0	11.9	26.8	66.5	125.7	214.5	326.6	450.2	567.0	690.6	809.4
60°	0.0	12.8	28.9	76.8	141.4	245.2	366.4	510.8	638.4	770.4	896.5
57.5°	0.0	13.7	34.7	86.6	162.4	274.0	408.4	567.3	708.9	848.8	979.1
55°	0.0	14.6	40.4	95.6	182.4	300.8	448.1	616.1	778.2	924.6	1058.3
52.5°	0.0	15.4	45.8	104.0	201.0	326.2	484.9	666.9	845.9	994.3	1135.5
50°	0.0	16.2	51.0	111.6	218.1	353.2	518.6	715.1	910.1	1062.0	1224.0
47.5°	0.0	17.0	56.0	119.6	233.7	377.9	550.1	759.9	968.3	1127.4	1310.7
45°	0.0	17.7	60.8	129.9	247.8	400.2	585.2	801.2	1013.6	1201.6	1393.7
42.5°	0.0	18.4	65.2	139.4	260.3	420.0	617.4	839.2	1056.9	1272.5	1491.4
40°	0.0	19.0	69.4	149.0	272.8	437.3	646.6	875.2	1102.0	1338.9	1586.6
37.5°	0.0	19.6	73.4	158.5	285.2	452.0	672.8	909.3	1152.5	1401.9	1675.9
35°	0.0	20.1	77.1	167.3	295.8	469.1	695.8	941.4	1201.8	1474.5	1765.9
32.5°	0.0	20.6	80.4	175.5	304.7	486.1	717.2	971.4	1249.6	1544.3	1861.1
30°	0.0	21.0	83.5	182.9	311.8	500.7	739.4	1001.5	1295.8	1611.0	1950.1
27.5°	0.0	21.4	86.3	189.7	322.5	512.8	759.3	1036.4	1343.3	1674.3	2032.7
25°	0.0	21.7	88.8	195.8	332.5	522.4	776.8	1068.9	1392.8	1738.7	2109.2
22.5°	0.0	22.0	91.0	201.1	341.3	532.0	791.8	1098.6	1438.4	1799.7	2190.5
20°	0.0	22.3	92.9	205.7	348.9	545.2	804.2	1125.4	1479.8	1854.2	2263.5
17.5°	0.0	22.4	94.5	209.6	355.3	556.0	819.7	1148.9	1516.7	1902.0	2327.8
15°	0.0	22.6	95.7	212.8	360.4	564.4	835.9	1171.4	1548.8	1943.0	2383.3
12.5°	0.0	22.7	96.7	215.2	364.4	570.5	849.0	1192.5	1577.7	1977.0	2429.8
10°	0.0	22.7	97.4	216.9	367.1	574.2	859.0	1208.7	1602.8	2009.0	2468.9
7.5°	0.0	22.7	97.8	217.9	368.6	575.8	865.8	1220.1	1622.0	2034.7	2502.7
5°	0.0	22.6	97.8	218.2	368.8	575.1	869.3	1226.5	1635.2	2053.4	2527.0
2.5°	0.0	22.5	97.6	217.7	368.0	572.3	869.5	1228.0	1642.2	2064.7	2541.5
0°	0.0	22.4	97.1	216.6	365.9	567.5	866.2	1224.6	1642.8	2068.5	2546.4
-2.5°	0.0	22.5	97.6	217.7	368.0	572.3	869.5	1228.0	1642.2	2064.7	2541.5
-5°	0.0	22.6	97.8	218.2	368.8	575.1	869.3	1226.5	1635.2	2053.4	2527.0
-7.5°	0.0	22.7	97.8	217.9	368.6	575.8	865.8	1220.1	1622.0	2034.7	2502.7
-10°	0.0	22.7	97.4	216.9	367.1	574.2	859.0	1208.7	1602.8	2009.0	2468.9
-12.5°	0.0	22.7	96.7	215.2	364.4	570.5	849.0	1192.5	1577.7	1977.0	2429.8
-15°	0.0	22.6	95.7	212.8	360.4	564.4	835.9	1171.4	1548.8	1943.0	2383.3
-17.5°	0.0	22.4	94.5	209.6	355.3	556.0	819.7	1148.9	1516.7	1902.0	2327.8
-20°	0.0	22.3	92.9	205.7	348.9	545.2	804.2	1125.4	1479.8	1854.2	2263.5



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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	22.0	91.0	201.1	341.3	532.0	791.8	1098.6	1438.4	1799.7	2190.5
-25°	0.0	21.7	88.8	195.8	332.5	522.4	776.8	1068.9	1392.8	1738.7	2109.2
-27.5°	0.0	21.4	86.3	189.7	322.5	512.8	759.3	1036.4	1343.3	1674.3	2032.7
-30°	0.0	21.0	83.5	182.9	311.8	500.7	739.4	1001.5	1295.8	1611.0	1950.1
-32.5°	0.0	20.6	80.4	175.5	304.7	486.1	717.2	971.4	1249.6	1544.3	1861.1
-35°	0.0	20.1	77.1	167.3	295.8	469.1	695.8	941.4	1201.8	1474.5	1765.9
-37.5°	0.0	19.6	73.4	158.5	285.2	452.0	672.8	909.3	1152.5	1401.9	1675.9
-40°	0.0	19.0	69.4	149.0	272.8	437.3	646.6	875.2	1102.0	1338.9	1586.6
-42.5°	0.0	18.4	65.2	139.4	260.3	420.0	617.4	839.2	1056.9	1272.5	1491.4
-45°	0.0	17.7	60.8	129.9	247.8	400.2	585.2	801.2	1013.6	1201.6	1393.7
-47.5°	0.0	17.0	56.0	119.6	233.7	377.9	550.1	759.9	968.3	1127.4	1310.7
-50°	0.0	16.2	51.0	111.6	218.1	353.2	518.6	715.1	910.1	1062.0	1224.0
-52.5°	0.0	15.4	45.8	104.0	201.0	326.2	484.9	666.9	845.9	994.3	1135.5
-55°	0.0	14.6	40.4	95.6	182.4	300.8	448.1	616.1	778.2	924.6	1058.3
-57.5°	0.0	13.7	34.7	86.6	162.4	274.0	408.4	567.3	708.9	848.8	979.1
-60°	0.0	12.8	28.9	76.8	141.4	245.2	366.4	510.8	638.4	770.4	896.5
-62.5°	0.0	11.9	26.8	66.5	125.7	214.5	326.6	450.2	567.0	690.6	809.4
-65°	0.0	10.9	24.7	55.6	108.9	182.1	284.4	389.1	492.8	605.3	721.0
-67.5°	0.0	9.9	22.4	44.1	91.2	152.5	239.9	330.7	416.0	516.1	622.3
-70°	0.0	8.9	20.1	32.2	72.7	126.1	193.4	270.6	344.9	424.1	516.8
-72.5°	0.0	7.8	17.8	26.9	53.5	98.4	154.7	209.1	272.2	339.5	410.7
-75°	0.0	6.7	15.3	23.2	33.6	69.8	115.9	157.8	198.0	253.3	311.9
-77.5°	0.0	5.6	12.9	19.4	25.8	40.4	75.9	110.1	142.2	173.1	211.4
-80°	0.0	4.5	10.3	15.5	20.7	25.8	34.8	62.0	88.1	113.2	137.2
-82.5°	0.0	3.4	7.8	11.7	15.5	19.4	23.2	26.9	33.7	53.0	71.5
-85°	0.0	2.3	5.2	7.8	10.4	12.9	15.5	18.0	20.4	22.9	25.2
-87.5°	0.0	1.1	2.6	3.9	5.2	6.5	7.7	9.0	10.2	11.4	12.6
-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°	14.6	16.8	19.0	21.4	21.6	21.6	21.5	21.2	22.0	22.9	23.7
85°	29.2	33.5	46.5	59.1	65.2	68.9	70.6	70.3	81.8	95.0	109.4
82.5°	90.9	109.6	127.4	144.4	148.8	148.9	147.4	147.9	174.8	205.6	237.1
80°	161.8	185.5	217.0	245.0	257.1	263.4	266.2	265.8	299.7	345.0	392.6
77.5°	256.7	296.6	331.4	361.0	377.0	391.1	402.5	411.3	455.0	512.3	569.0
75°	364.7	408.6	452.2	490.2	516.8	536.5	554.9	584.4	641.6	708.4	766.4
72.5°	478.8	534.8	583.4	624.7	662.0	701.6	745.9	794.4	854.8	921.4	982.2
70°	600.6	662.2	713.1	762.8	813.6	872.9	939.3	1004.8	1072.1	1145.7	1216.5
67.5°	719.8	779.2	839.1	901.8	977.8	1057.2	1135.8	1226.0	1318.3	1400.1	1473.2
65°	823.3	893.0	967.9	1053.0	1146.9	1247.8	1352.7	1460.9	1578.0	1676.1	1765.6
62.5°	922.2	1005.9	1097.0	1203.0	1322.8	1442.3	1576.1	1711.5	1843.3	1959.0	2065.8
60°	1013.3	1114.7	1229.9	1359.9	1499.7	1658.5	1810.8	1964.9	2109.5	2240.4	2375.5
57.5°	1101.9	1229.6	1367.8	1523.8	1700.6	1878.9	2058.1	2223.8	2387.4	2547.0	2699.7
55°	1195.7	1349.5	1514.0	1705.4	1904.7	2115.6	2308.6	2493.5	2673.8	2867.4	3051.5
52.5°	1298.9	1470.8	1676.6	1890.8	2121.0	2347.5	2559.4	2770.1	2988.0	3207.1	3446.8
50°	1398.5	1612.8	1838.3	2087.4	2336.2	2578.8	2821.8	3064.5	3325.5	3594.3	3865.8
47.5°	1514.9	1748.7	2015.1	2282.3	2554.1	2824.1	3094.9	3388.1	3684.7	3996.4	4296.7
45°	1632.7	1895.5	2182.6	2484.7	2778.7	3077.5	3394.2	3718.3	4066.1	4408.9	4770.2
42.5°	1744.3	2041.4	2357.9	2684.2	3011.1	3345.0	3693.2	4071.9	4451.9	4847.3	5244.4
40°	1867.9	2180.2	2529.1	2888.5	3243.2	3613.4	4011.4	4421.5	4851.5	5286.3	5717.4
37.5°	1986.8	2330.0	2696.8	3083.7	3481.7	3888.5	4320.7	4786.3	5252.6	5720.4	6195.9
35°	2098.1	2472.1	2869.4	3280.1	3702.3	4165.0	4648.1	5145.1	5650.3	6156.3	6667.8
32.5°	2212.6	2606.0	3034.3	3473.9	3939.1	4435.3	4964.5	5503.0	6041.1	6581.4	7141.2
30°	2327.4	2746.5	3194.1	3657.1	4166.0	4706.6	5275.4	5845.8	6415.0	7009.5	7606.2
27.5°	2435.9	2879.9	3351.0	3846.5	4383.4	4957.9	5561.9	6172.9	6786.7	7418.8	8055.1
25°	2535.8	3006.1	3496.7	4028.7	4597.8	5199.7	5828.9	6466.4	7139.6	7816.0	8480.5
22.5°	2633.1	3122.1	3631.6	4196.6	4792.1	5424.1	6079.3	6752.6	7456.0	8182.4	8870.1
20°	2726.8	3232.6	3762.9	4348.7	4966.1	5626.3	6307.0	7012.0	7750.0	8495.8	9235.5
17.5°	2810.1	3330.7	3885.2	4491.0	5132.2	5811.0	6512.1	7240.3	8011.1	8784.2	9568.0
15°	2882.5	3416.2	3991.0	4615.1	5278.9	5979.0	6702.5	7451.4	8242.0	9047.0	9861.9
12.5°	2943.8	3488.5	4080.1	4720.6	5403.5	6123.0	6866.1	7641.3	8453.3	9280.8	10119.3
10°	2993.6	3547.5	4152.3	4806.9	5505.2	6242.1	7000.8	7797.9	8634.2	9479.7	10335.8
7.5°	3035.9	3596.7	4209.5	4873.4	5583.6	6335.3	7105.7	7920.0	8778.3	9634.9	10509.7
5°	3066.8	3636.4	4262.0	4929.1	5651.7	6408.1	7185.1	8007.1	8883.7	9745.3	10635.8
2.5°	3085.3	3662.3	4297.8	4965.3	5705.3	6462.7	7255.8	8084.0	8960.9	9832.9	10730.6
0°	3091.5	3673.9	4316.1	4980.7	5734.9	6489.1	7295.6	8124.5	8998.2	9886.8	10790.3
-2.5°	3085.3	3662.3	4297.8	4965.3	5705.3	6462.7	7255.8	8084.0	8960.9	9832.9	10730.6
-5°	3066.8	3636.4	4262.0	4929.1	5651.7	6408.1	7185.1	8007.1	8883.7	9745.3	10635.8
-7.5°	3035.9	3596.7	4209.5	4873.4	5583.6	6335.3	7105.7	7920.0	8778.3	9634.9	10509.7
-10°	2993.6	3547.5	4152.3	4806.9	5505.2	6242.1	7000.8	7797.9	8634.2	9479.7	10335.8
-12.5°	2943.8	3488.5	4080.1	4720.6	5403.5	6123.0	6866.1	7641.3	8453.3	9280.8	10119.3
-15°	2882.5	3416.2	3991.0	4615.1	5278.9	5979.0	6702.5	7451.4	8242.0	9047.0	9861.9
-17.5°	2810.1	3330.7	3885.2	4491.0	5132.2	5811.0	6512.1	7240.3	8011.1	8784.2	9568.0
-20°	2726.8	3232.6	3762.9	4348.7	4966.1	5626.3	6307.0	7012.0	7750.0	8495.8	9235.5



REPORT NUMBER: P627741 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-727-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2633.1	3122.1	3631.6	4196.6	4792.1	5424.1	6079.3	6752.6	7456.0	8182.4	8870.1
-25°	2535.8	3006.1	3496.7	4028.7	4597.8	5199.7	5828.9	6466.4	7139.6	7816.0	8480.5
-27.5°	2435.9	2879.9	3351.0	3846.5	4383.4	4957.9	5561.9	6172.9	6786.7	7418.8	8055.1
-30°	2327.4	2746.5	3194.1	3657.1	4166.0	4706.6	5275.4	5845.8	6415.0	7009.5	7606.2
-32.5°	2212.6	2606.0	3034.3	3473.9	3939.1	4435.3	4964.5	5503.0	6041.1	6581.4	7141.2
-35°	2098.1	2472.1	2869.4	3280.1	3702.3	4165.0	4648.1	5145.1	5650.3	6156.3	6667.8
-37.5°	1986.8	2330.0	2696.8	3083.7	3481.7	3888.5	4320.7	4786.3	5252.6	5720.4	6195.9
-40°	1867.9	2180.2	2529.1	2888.5	3243.2	3613.4	4011.4	4421.5	4851.5	5286.3	5717.4
-42.5°	1744.3	2041.4	2357.9	2684.2	3011.1	3345.0	3693.2	4071.9	4451.9	4847.3	5244.4
-45°	1632.7	1895.5	2182.6	2484.7	2778.7	3077.5	3394.2	3718.3	4066.1	4408.9	4770.2
-47.5°	1514.9	1748.7	2015.1	2282.3	2554.1	2824.1	3094.9	3388.1	3684.7	3996.4	4296.7
-50°	1398.5	1612.8	1838.3	2087.4	2336.2	2578.8	2821.8	3064.5	3325.5	3594.3	3865.8
-52.5°	1298.9	1470.8	1676.6	1890.8	2121.0	2347.5	2559.4	2770.1	2988.0	3207.1	3446.8
-55°	1195.7	1349.5	1514.0	1705.4	1904.7	2115.6	2308.6	2493.5	2673.8	2867.4	3051.5
-57.5°	1101.9	1229.6	1367.8	1523.8	1700.6	1878.9	2058.1	2223.8	2387.4	2547.0	2699.7
-60°	1013.3	1114.7	1229.9	1359.9	1499.7	1658.5	1810.8	1964.9	2109.5	2240.4	2375.5
-62.5°	922.2	1005.9	1097.0	1203.0	1322.8	1442.3	1576.1	1711.5	1843.3	1959.0	2065.8
-65°	823.3	893.0	967.9	1053.0	1146.9	1247.8	1352.7	1460.9	1578.0	1676.1	1765.6
-67.5°	719.8	779.2	839.1	901.8	977.8	1057.2	1135.8	1226.0	1318.3	1400.1	1473.2
-70°	600.6	662.2	713.1	762.8	813.6	872.9	939.3	1004.8	1072.1	1145.7	1216.5
-72.5°	478.8	534.8	583.4	624.7	662.0	701.6	745.9	794.4	854.8	921.4	982.2
-75°	364.7	408.6	452.2	490.2	516.8	536.5	554.9	584.4	641.6	708.4	766.4
-77.5°	256.7	296.6	331.4	361.0	377.0	391.1	402.5	411.3	455.0	512.3	569.0
-80°	161.8	185.5	217.0	245.0	257.1	263.4	266.2	265.8	299.7	345.0	392.6
-82.5°	90.9	109.6	127.4	144.4	148.8	148.9	147.4	147.9	174.8	205.6	237.1
-85°	29.2	33.5	46.5	59.1	65.2	68.9	70.6	70.3	81.8	95.0	109.4
-87.5°	14.6	16.8	19.0	21.4	21.6	21.6	21.5	21.2	22.0	22.9	23.7
-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: P627741 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-727-U-VWR-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°	24.5	25.2	25.9	26.5	27.1	27.6	28.1	28.5	28.9	27.4	25.8
85°	124.8	133.6	141.8	149.7	157.2	164.3	171.0	177.2	182.9	167.1	149.5
82.5°	269.4	291.0	311.5	332.0	352.3	357.4	359.0	358.3	355.5	327.6	296.8
80°	439.7	476.3	510.8	545.1	578.8	582.6	578.8	571.8	561.9	525.4	484.0
77.5°	625.6	671.7	712.1	749.0	782.6	789.0	788.1	786.4	783.6	746.4	701.3
75°	816.2	861.3	904.8	941.7	972.6	986.7	993.7	998.6	1001.3	974.5	939.5
72.5°	1037.2	1084.1	1122.5	1158.4	1188.7	1210.7	1226.5	1238.4	1246.6	1238.4	1224.1
70°	1277.0	1327.3	1369.6	1410.2	1451.3	1484.4	1509.3	1527.4	1538.9	1546.4	1551.7
67.5°	1547.0	1614.6	1673.5	1723.8	1773.6	1820.3	1858.6	1890.0	1914.2	1934.8	1950.6
65°	1851.2	1937.6	2014.1	2084.4	2148.8	2216.5	2272.1	2318.8	2356.3	2387.3	2412.2
62.5°	2171.0	2276.8	2375.1	2470.4	2563.8	2655.8	2726.5	2790.8	2847.9	2897.1	2936.2
60°	2503.4	2623.6	2755.5	2881.3	2997.2	3103.0	3208.1	3299.1	3377.0	3441.7	3493.8
57.5°	2860.6	3016.3	3170.4	3326.8	3474.5	3612.7	3742.1	3856.3	3952.7	4031.8	4098.3
55°	3246.5	3441.3	3620.0	3817.2	4007.7	4181.3	4334.0	4468.2	4584.3	4681.5	4764.0
52.5°	3670.8	3907.4	4139.6	4364.0	4580.3	4781.6	4964.5	5120.8	5259.8	5379.0	5474.1
50°	4135.0	4405.7	4674.9	4924.5	5173.1	5405.0	5614.6	5796.0	5957.8	6097.9	6208.1
47.5°	4620.6	4928.7	5229.3	5515.0	5790.1	6047.9	6274.8	6481.6	6683.3	6847.9	6978.0
45°	5124.8	5470.4	5802.0	6128.7	6431.7	6720.5	7000.5	7258.0	7465.1	7646.3	7798.6
42.5°	5635.1	6020.7	6392.0	6748.4	7081.5	7415.6	7730.5	8012.0	8248.1	8454.2	8627.2
40°	6152.1	6574.2	6983.3	7371.9	7752.7	8116.9	8457.6	8754.4	9020.7	9265.5	9469.4
37.5°	6666.4	7130.8	7584.1	8019.4	8438.6	8833.2	9201.4	9536.7	9837.2	10116.0	10342.5
35°	7183.0	7692.5	8188.7	8667.7	9125.7	9561.2	9964.2	10345.9	10700.0	10982.4	11214.1
32.5°	7697.6	8245.4	8785.5	9312.8	9814.0	10283.5	10720.2	11142.0	11506.2	11816.6	12083.0
30°	8195.6	8789.1	9377.1	9948.9	10490.4	10999.1	11482.6	11928.6	12320.3	12659.8	12958.5
27.5°	8684.3	9321.9	9952.8	10563.7	11149.1	11701.9	12229.6	12713.2	13140.6	13509.6	13824.6
25°	9146.2	9831.4	10503.9	11151.6	11777.0	12386.8	12956.5	13484.2	13940.8	14345.9	14669.6
22.5°	9587.4	10318.2	11024.9	11706.2	12375.1	13032.4	13656.2	14207.2	14691.1	15114.6	15472.8
20°	9998.5	10781.6	11504.6	12225.2	12929.8	13631.6	14301.3	14882.7	15394.7	15845.5	16240.3
17.5°	10382.8	11186.1	11947.3	12714.4	13457.1	14193.3	14873.7	15496.9	16049.3	16528.0	16941.5
15°	10708.1	11519.3	12350.7	13169.7	13952.9	14698.4	15378.1	16029.0	16642.5	17160.2	17579.5
12.5°	10971.5	11815.1	12682.5	13552.0	14380.2	15124.7	15836.4	16496.7	17140.9	17722.5	18107.9
10°	11196.0	12064.7	12960.1	13846.8	14686.1	15473.9	16247.7	16945.8	17578.9	18099.6	18530.1
7.5°	11390.1	12284.9	13194.3	14082.5	14919.0	15733.0	16529.5	17271.0	17910.1	18400.6	18784.6
5°	11533.3	12449.3	13376.3	14272.6	15120.8	15937.5	16737.6	17469.7	18093.6	18592.8	19011.5
2.5°	11635.7	12560.3	13494.0	14391.6	15258.6	16077.2	16897.4	17637.7	18241.9	18699.3	19100.2
0°	11701.3	12627.3	13568.2	14486.7	15337.9	16129.5	17010.6	17705.1	18332.3	18787.8	19206.0
-2.5°	11635.7	12560.3	13494.0	14391.6	15258.6	16077.2	16897.4	17637.7	18241.9	18699.3	19100.2
-5°	11533.3	12449.3	13376.3	14272.6	15120.8	15937.5	16737.6	17469.7	18093.6	18592.8	19011.5
-7.5°	11390.1	12284.9	13194.3	14082.5	14919.0	15733.0	16529.5	17271.0	17910.1	18400.6	18784.6
-10°	11196.0	12064.7	12960.1	13846.8	14686.1	15473.9	16247.7	16945.8	17578.9	18099.6	18530.1
-12.5°	10971.5	11815.1	12682.5	13552.0	14380.2	15124.7	15836.4	16496.7	17140.9	17722.5	18107.9
-15°	10708.1	11519.3	12350.7	13169.7	13952.9	14698.4	15378.1	16029.0	16642.5	17160.2	17579.5
-17.5°	10382.8	11186.1	11947.3	12714.4	13457.1	14193.3	14873.7	15496.9	16049.3	16528.0	16941.5
-20°	9998.5	10781.6	11504.6	12225.2	12929.8	13631.6	14301.3	14882.7	15394.7	15845.5	16240.3



REPORT NUMBER: P627741 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-727-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	9587.4	10318.2	11024.9	11706.2	12375.1	13032.4	13656.2	14207.2	14691.1	15114.6	15472.8
-25°	9146.2	9831.4	10503.9	11151.6	11777.0	12386.8	12956.5	13484.2	13940.8	14345.9	14669.6
-27.5°	8684.3	9321.9	9952.8	10563.7	11149.1	11701.9	12229.6	12713.2	13140.6	13509.6	13824.6
-30°	8195.6	8789.1	9377.1	9948.9	10490.4	10999.1	11482.6	11928.6	12320.3	12659.8	12958.5
-32.5°	7697.6	8245.4	8785.5	9312.8	9814.0	10283.5	10720.2	11142.0	11506.2	11816.6	12083.0
-35°	7183.0	7692.5	8188.7	8667.7	9125.7	9561.2	9964.2	10345.9	10700.0	10982.4	11214.1
-37.5°	6666.4	7130.8	7584.1	8019.4	8438.6	8833.2	9201.4	9536.7	9837.2	10116.0	10342.5
-40°	6152.1	6574.2	6983.3	7371.9	7752.7	8116.9	8457.6	8754.4	9020.7	9265.5	9469.4
-42.5°	5635.1	6020.7	6392.0	6748.4	7081.5	7415.6	7730.5	8012.0	8248.1	8454.2	8627.2
-45°	5124.8	5470.4	5802.0	6128.7	6431.7	6720.5	7000.5	7258.0	7465.1	7646.3	7798.6
-47.5°	4620.6	4928.7	5229.3	5515.0	5790.1	6047.9	6274.8	6481.6	6683.3	6847.9	6978.0
-50°	4135.0	4405.7	4674.9	4924.5	5173.1	5405.0	5614.6	5796.0	5957.8	6097.9	6208.1
-52.5°	3670.8	3907.4	4139.6	4364.0	4580.3	4781.6	4964.5	5120.8	5259.8	5379.0	5474.1
-55°	3246.5	3441.3	3620.0	3817.2	4007.7	4181.3	4334.0	4468.2	4584.3	4681.5	4764.0
-57.5°	2860.6	3016.3	3170.4	3326.8	3474.5	3612.7	3742.1	3856.3	3952.7	4031.8	4098.3
-60°	2503.4	2623.6	2755.5	2881.3	2997.2	3103.0	3208.1	3299.1	3377.0	3441.7	3493.8
-62.5°	2171.0	2276.8	2375.1	2470.4	2563.8	2655.8	2726.5	2790.8	2847.9	2897.1	2936.2
-65°	1851.2	1937.6	2014.1	2084.4	2148.8	2216.5	2272.1	2318.8	2356.3	2387.3	2412.2
-67.5°	1547.0	1614.6	1673.5	1723.8	1773.6	1820.3	1858.6	1890.0	1914.2	1934.8	1950.6
-70°	1277.0	1327.3	1369.6	1410.2	1451.3	1484.4	1509.3	1527.4	1538.9	1546.4	1551.7
-72.5°	1037.2	1084.1	1122.5	1158.4	1188.7	1210.7	1226.5	1238.4	1246.6	1238.4	1224.1
-75°	816.2	861.3	904.8	941.7	972.6	986.7	993.7	998.6	1001.3	974.5	939.5
-77.5°	625.6	671.7	712.1	749.0	782.6	789.0	788.1	786.4	783.6	746.4	701.3
-80°	439.7	476.3	510.8	545.1	578.8	582.6	578.8	571.8	561.9	525.4	484.0
-82.5°	269.4	291.0	311.5	332.0	352.3	357.4	359.0	358.3	355.5	327.6	296.8
-85°	124.8	133.6	141.8	149.7	157.2	164.3	171.0	177.2	182.9	167.1	149.5
-87.5°	24.5	25.2	25.9	26.5	27.1	27.6	28.1	28.5	28.9	27.4	25.8
-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: P627741 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-727-U-VWR-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°	24.1	22.3	22.4	22.4	22.4	22.3	24.1	25.8	27.4	28.9	28.5
85°	130.9	111.5	104.4	97.1	104.4	111.5	130.9	149.5	167.1	182.9	177.2
82.5°	264.4	230.7	220.1	209.1	220.1	230.7	264.4	296.8	327.6	355.5	358.3
80°	440.4	394.8	376.8	358.4	376.8	394.8	440.4	484.0	525.4	561.9	571.8
77.5°	653.6	603.5	582.0	560.1	582.0	603.5	653.6	701.3	746.4	783.6	786.4
75°	902.5	863.3	839.5	813.9	839.5	863.3	902.5	939.5	974.5	1001.3	998.6
72.5°	1207.7	1188.5	1171.2	1150.0	1171.2	1188.5	1207.7	1224.1	1238.4	1246.6	1238.4
70°	1553.5	1551.0	1554.1	1553.2	1554.1	1551.0	1553.5	1551.7	1546.4	1538.9	1527.4
67.5°	1958.8	1959.3	1967.7	1971.4	1967.7	1959.3	1958.8	1950.6	1934.8	1914.2	1890.0
65°	2427.6	2433.3	2431.2	2419.4	2431.2	2433.3	2427.6	2412.2	2387.3	2356.3	2318.8
62.5°	2964.1	2980.2	2989.0	2986.9	2989.0	2980.2	2964.1	2936.2	2897.1	2847.9	2790.8
60°	3532.7	3557.9	3570.7	3569.4	3570.7	3557.9	3532.7	3493.8	3441.7	3377.0	3299.1
57.5°	4147.8	4180.2	4187.8	4174.2	4187.8	4180.2	4147.8	4098.3	4031.8	3952.7	3856.3
55°	4826.3	4867.7	4883.7	4876.2	4883.7	4867.7	4826.3	4764.0	4681.5	4584.3	4468.2
52.5°	5543.8	5588.6	5604.5	5593.0	5604.5	5588.6	5543.8	5474.1	5379.0	5259.8	5120.8
50°	6289.0	6343.2	6365.1	6354.7	6365.1	6343.2	6289.0	6208.1	6097.9	5957.8	5796.0
47.5°	7080.0	7152.2	7180.3	7161.2	7180.3	7152.2	7080.0	6978.0	6847.9	6683.3	6481.6
45°	7912.3	7987.2	8016.2	7997.5	8016.2	7987.2	7912.3	7798.6	7646.3	7465.1	7258.0
42.5°	8759.5	8856.8	8897.9	8863.7	8897.9	8856.8	8759.5	8627.2	8454.2	8248.1	8012.0
40°	9621.6	9727.3	9776.0	9752.4	9776.0	9727.3	9621.6	9469.4	9265.5	9020.7	8754.4
37.5°	10505.9	10611.0	10662.7	10663.4	10662.7	10611.0	10505.9	10342.5	10116.0	9837.2	9536.7
35°	11393.5	11520.8	11592.8	11589.3	11592.8	11520.8	11393.5	11214.1	10982.4	10700.0	10345.9
32.5°	12293.5	12431.3	12504.9	12515.3	12504.9	12431.3	12293.5	12083.0	11816.6	11506.2	11142.0
30°	13192.0	13343.5	13428.7	13463.6	13428.7	13343.5	13192.0	12958.5	12659.8	12320.3	11928.6
27.5°	14063.3	14249.7	14378.3	14389.6	14378.3	14249.7	14063.3	13824.6	13509.6	13140.6	12713.2
25°	14907.1	15096.9	15228.9	15255.8	15228.9	15096.9	14907.1	14669.6	14345.9	13940.8	13484.2
22.5°	15738.8	15937.3	16059.1	16107.1	16059.1	15937.3	15738.8	15472.8	15114.6	14691.1	14207.2
20°	16532.8	16747.9	16877.0	16928.5	16877.0	16747.9	16532.8	16240.3	15845.5	15394.7	14882.7
17.5°	17251.0	17478.3	17637.8	17682.7	17637.8	17478.3	17251.0	16941.5	16528.0	16049.3	15496.9
15°	17883.2	18098.7	18250.1	18309.9	18250.1	18098.7	17883.2	17579.5	17160.2	16642.5	16029.0
12.5°	18397.7	18590.5	18709.1	18765.4	18709.1	18590.5	18397.7	18107.9	17722.5	17140.9	16496.7
10°	18799.7	18993.1	19106.3	19183.6	19106.3	18993.1	18799.7	18530.1	18099.6	17578.9	16945.8
7.5°	19148.6	19346.7	19485.3	19594.3	19485.3	19346.7	19148.6	18784.6	18400.6	17910.1	17271.0
5°	19341.1	19672.0	19721.8	19795.9	19721.8	19672.0	19341.1	19011.5	18592.8	18093.6	17469.7
2.5°	19488.1	19722.7	19863.7	19848.2	19863.7	19722.7	19488.1	19100.2	18699.3	18241.9	17637.7
0°	19594.3	19803.4	19855.7	19922.9	19855.7	19803.4	19594.3	19206.0	18787.8	18332.3	17705.1
-2.5°	19488.1	19722.7	19863.7	19848.2	19863.7	19722.7	19488.1	19100.2	18699.3	18241.9	17637.7
-5°	19341.1	19672.0	19721.8	19795.9	19721.8	19672.0	19341.1	19011.5	18592.8	18093.6	17469.7
-7.5°	19148.6	19346.7	19485.3	19594.3	19485.3	19346.7	19148.6	18784.6	18400.6	17910.1	17271.0
-10°	18799.7	18993.1	19106.3	19183.6	19106.3	18993.1	18799.7	18530.1	18099.6	17578.9	16945.8
-12.5°	18397.7	18590.5	18709.1	18765.4	18709.1	18590.5	18397.7	18107.9	17722.5	17140.9	16496.7
-15°	17883.2	18098.7	18250.1	18309.9	18250.1	18098.7	17883.2	17579.5	17160.2	16642.5	16029.0
-17.5°	17251.0	17478.3	17637.8	17682.7	17637.8	17478.3	17251.0	16941.5	16528.0	16049.3	15496.9
-20°	16532.8	16747.9	16877.0	16928.5	16877.0	16747.9	16532.8	16240.3	15845.5	15394.7	14882.7



REPORT NUMBER: P627741 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-727-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	15738.8	15937.3	16059.1	16107.1	16059.1	15937.3	15738.8	15472.8	15114.6	14691.1	14207.2
-25°	14907.1	15096.9	15228.9	15255.8	15228.9	15096.9	14907.1	14669.6	14345.9	13940.8	13484.2
-27.5°	14063.3	14249.7	14378.3	14389.6	14378.3	14249.7	14063.3	13824.6	13509.6	13140.6	12713.2
-30°	13192.0	13343.5	13428.7	13463.6	13428.7	13343.5	13192.0	12958.5	12659.8	12320.3	11928.6
-32.5°	12293.5	12431.3	12504.9	12515.3	12504.9	12431.3	12293.5	12083.0	11816.6	11506.2	11142.0
-35°	11393.5	11520.8	11592.8	11589.3	11592.8	11520.8	11393.5	11214.1	10982.4	10700.0	10345.9
-37.5°	10505.9	10611.0	10662.7	10663.4	10662.7	10611.0	10505.9	10342.5	10116.0	9837.2	9536.7
-40°	9621.6	9727.3	9776.0	9752.4	9776.0	9727.3	9621.6	9469.4	9265.5	9020.7	8754.4
-42.5°	8759.5	8856.8	8897.9	8863.7	8897.9	8856.8	8759.5	8627.2	8454.2	8248.1	8012.0
-45°	7912.3	7987.2	8016.2	7997.5	8016.2	7987.2	7912.3	7798.6	7646.3	7465.1	7258.0
-47.5°	7080.0	7152.2	7180.3	7161.2	7180.3	7152.2	7080.0	6978.0	6847.9	6683.3	6481.6
-50°	6289.0	6343.2	6365.1	6354.7	6365.1	6343.2	6289.0	6208.1	6097.9	5957.8	5796.0
-52.5°	5543.8	5588.6	5604.5	5593.0	5604.5	5588.6	5543.8	5474.1	5379.0	5259.8	5120.8
-55°	4826.3	4867.7	4883.7	4876.2	4883.7	4867.7	4826.3	4764.0	4681.5	4584.3	4468.2
-57.5°	4147.8	4180.2	4187.8	4174.2	4187.8	4180.2	4147.8	4098.3	4031.8	3952.7	3856.3
-60°	3532.7	3557.9	3570.7	3569.4	3570.7	3557.9	3532.7	3493.8	3441.7	3377.0	3299.1
-62.5°	2964.1	2980.2	2989.0	2986.9	2989.0	2980.2	2964.1	2936.2	2897.1	2847.9	2790.8
-65°	2427.6	2433.3	2431.2	2419.4	2431.2	2433.3	2427.6	2412.2	2387.3	2356.3	2318.8
-67.5°	1958.8	1959.3	1967.7	1971.4	1967.7	1959.3	1958.8	1950.6	1934.8	1914.2	1890.0
-70°	1553.5	1551.0	1554.1	1553.2	1554.1	1551.0	1553.5	1551.7	1546.4	1538.9	1527.4
-72.5°	1207.7	1188.5	1171.2	1150.0	1171.2	1188.5	1207.7	1224.1	1238.4	1246.6	1238.4
-75°	902.5	863.3	839.5	813.9	839.5	863.3	902.5	939.5	974.5	1001.3	998.6
-77.5°	653.6	603.5	582.0	560.1	582.0	603.5	653.6	701.3	746.4	783.6	786.4
-80°	440.4	394.8	376.8	358.4	376.8	394.8	440.4	484.0	525.4	561.9	571.8
-82.5°	264.4	230.7	220.1	209.1	220.1	230.7	264.4	296.8	327.6	355.5	358.3
-85°	130.9	111.5	104.4	97.1	104.4	111.5	130.9	149.5	167.1	182.9	177.2
-87.5°	24.1	22.3	22.4	22.4	22.4	22.3	24.1	25.8	27.4	28.9	28.5
-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: P627741 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-727-U-VWR-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°	28.1	27.6	27.1	26.5	25.9	25.2	24.5	23.7	22.9	22.0	21.2
85°	171.0	164.3	157.2	149.7	141.8	133.6	124.8	109.4	95.0	81.8	70.3
82.5°	359.0	357.4	352.3	332.0	311.5	291.0	269.4	237.1	205.6	174.8	147.9
80°	578.8	582.6	578.8	545.1	510.8	476.3	439.7	392.6	345.0	299.7	265.8
77.5°	788.1	789.0	782.6	749.0	712.1	671.7	625.6	569.0	512.3	455.0	411.3
75°	993.7	986.7	972.6	941.7	904.8	861.3	816.2	766.4	708.4	641.6	584.4
72.5°	1226.5	1210.7	1188.7	1158.4	1122.5	1084.1	1037.2	982.2	921.4	854.8	794.4
70°	1509.3	1484.4	1451.3	1410.2	1369.6	1327.3	1277.0	1216.5	1145.7	1072.1	1004.8
67.5°	1858.6	1820.3	1773.6	1723.8	1673.5	1614.6	1547.0	1473.2	1400.1	1318.3	1226.0
65°	2272.1	2216.5	2148.8	2084.4	2014.1	1937.6	1851.2	1765.6	1676.1	1578.0	1460.9
62.5°	2726.5	2655.8	2563.8	2470.4	2375.1	2276.8	2171.0	2065.8	1959.0	1843.3	1711.5
60°	3208.1	3103.0	2997.2	2881.3	2755.5	2623.6	2503.4	2375.5	2240.4	2109.5	1964.9
57.5°	3742.1	3612.7	3474.5	3326.8	3170.4	3016.3	2860.6	2699.7	2547.0	2387.4	2223.8
55°	4334.0	4181.3	4007.7	3817.2	3620.0	3441.3	3246.5	3051.5	2867.4	2673.8	2493.5
52.5°	4964.5	4781.6	4580.3	4364.0	4139.6	3907.4	3670.8	3446.8	3207.1	2988.0	2770.1
50°	5614.6	5405.0	5173.1	4924.5	4674.9	4405.7	4135.0	3865.8	3594.3	3325.5	3064.5
47.5°	6274.8	6047.9	5790.1	5515.0	5229.3	4928.7	4620.6	4296.7	3996.4	3684.7	3388.1
45°	7000.5	6720.5	6431.7	6128.7	5802.0	5470.4	5124.8	4770.2	4408.9	4066.1	3718.3
42.5°	7730.5	7415.6	7081.5	6748.4	6392.0	6020.7	5635.1	5244.4	4847.3	4451.9	4071.9
40°	8457.6	8116.9	7752.7	7371.9	6983.3	6574.2	6152.1	5717.4	5286.3	4851.5	4421.5
37.5°	9201.4	8833.2	8438.6	8019.4	7584.1	7130.8	6666.4	6195.9	5720.4	5252.6	4786.3
35°	9964.2	9561.2	9125.7	8667.7	8188.7	7692.5	7183.0	6667.8	6156.3	5650.3	5145.1
32.5°	10720.2	10283.5	9814.0	9312.8	8785.5	8245.4	7697.6	7141.2	6581.4	6041.1	5503.0
30°	11482.6	10999.1	10490.4	9948.9	9377.1	8789.1	8195.6	7606.2	7009.5	6415.0	5845.8
27.5°	12229.6	11701.9	11149.1	10563.7	9952.8	9321.9	8684.3	8055.1	7418.8	6786.7	6172.9
25°	12956.5	12386.8	11777.0	11151.6	10503.9	9831.4	9146.2	8480.5	7816.0	7139.6	6466.4
22.5°	13656.2	13032.4	12375.1	11706.2	11024.9	10318.2	9587.4	8870.1	8182.4	7456.0	6752.6
20°	14301.3	13631.6	12929.8	12225.2	11504.6	10781.6	9998.5	9235.5	8495.8	7750.0	7012.0
17.5°	14873.7	14193.3	13457.1	12714.4	11947.3	11186.1	10382.8	9568.0	8784.2	8011.1	7240.3
15°	15378.1	14698.4	13952.9	13169.7	12350.7	11519.3	10708.1	9861.9	9047.0	8242.0	7451.4
12.5°	15836.4	15124.7	14380.2	13552.0	12682.5	11815.1	10971.5	10119.3	9280.8	8453.3	7641.3
10°	16247.7	15473.9	14686.1	13846.8	12960.1	12064.7	11196.0	10335.8	9479.7	8634.2	7797.9
7.5°	16529.5	15733.0	14919.0	14082.5	13194.3	12284.9	11390.1	10509.7	9634.9	8778.3	7920.0
5°	16737.6	15937.5	15120.8	14272.6	13376.3	12449.3	11533.3	10635.8	9745.3	8883.7	8007.1
2.5°	16897.4	16077.2	15258.6	14391.6	13494.0	12560.3	11635.7	10730.6	9832.9	8960.9	8084.0
0°	17010.6	16129.5	15337.9	14486.7	13568.2	12627.3	11701.3	10790.3	9886.8	8998.2	8124.5
-2.5°	16897.4	16077.2	15258.6	14391.6	13494.0	12560.3	11635.7	10730.6	9832.9	8960.9	8084.0
-5°	16737.6	15937.5	15120.8	14272.6	13376.3	12449.3	11533.3	10635.8	9745.3	8883.7	8007.1
-7.5°	16529.5	15733.0	14919.0	14082.5	13194.3	12284.9	11390.1	10509.7	9634.9	8778.3	7920.0
-10°	16247.7	15473.9	14686.1	13846.8	12960.1	12064.7	11196.0	10335.8	9479.7	8634.2	7797.9
-12.5°	15836.4	15124.7	14380.2	13552.0	12682.5	11815.1	10971.5	10119.3	9280.8	8453.3	7641.3
-15°	15378.1	14698.4	13952.9	13169.7	12350.7	11519.3	10708.1	9861.9	9047.0	8242.0	7451.4
-17.5°	14873.7	14193.3	13457.1	12714.4	11947.3	11186.1	10382.8	9568.0	8784.2	8011.1	7240.3
-20°	14301.3	13631.6	12929.8	12225.2	11504.6	10781.6	9998.5	9235.5	8495.8	7750.0	7012.0



REPORT NUMBER: P627741 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-727-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	13656.2	13032.4	12375.1	11706.2	11024.9	10318.2	9587.4	8870.1	8182.4	7456.0	6752.6
-25°	12956.5	12386.8	11777.0	11151.6	10503.9	9831.4	9146.2	8480.5	7816.0	7139.6	6466.4
-27.5°	12229.6	11701.9	11149.1	10563.7	9952.8	9321.9	8684.3	8055.1	7418.8	6786.7	6172.9
-30°	11482.6	10999.1	10490.4	9948.9	9377.1	8789.1	8195.6	7606.2	7009.5	6415.0	5845.8
-32.5°	10720.2	10283.5	9814.0	9312.8	8785.5	8245.4	7697.6	7141.2	6581.4	6041.1	5503.0
-35°	9964.2	9561.2	9125.7	8667.7	8188.7	7692.5	7183.0	6667.8	6156.3	5650.3	5145.1
-37.5°	9201.4	8833.2	8438.6	8019.4	7584.1	7130.8	6666.4	6195.9	5720.4	5252.6	4786.3
-40°	8457.6	8116.9	7752.7	7371.9	6983.3	6574.2	6152.1	5717.4	5286.3	4851.5	4421.5
-42.5°	7730.5	7415.6	7081.5	6748.4	6392.0	6020.7	5635.1	5244.4	4847.3	4451.9	4071.9
-45°	7000.5	6720.5	6431.7	6128.7	5802.0	5470.4	5124.8	4770.2	4408.9	4066.1	3718.3
-47.5°	6274.8	6047.9	5790.1	5515.0	5229.3	4928.7	4620.6	4296.7	3996.4	3684.7	3388.1
-50°	5614.6	5405.0	5173.1	4924.5	4674.9	4405.7	4135.0	3865.8	3594.3	3325.5	3064.5
-52.5°	4964.5	4781.6	4580.3	4364.0	4139.6	3907.4	3670.8	3446.8	3207.1	2988.0	2770.1
-55°	4334.0	4181.3	4007.7	3817.2	3620.0	3441.3	3246.5	3051.5	2867.4	2673.8	2493.5
-57.5°	3742.1	3612.7	3474.5	3326.8	3170.4	3016.3	2860.6	2699.7	2547.0	2387.4	2223.8
-60°	3208.1	3103.0	2997.2	2881.3	2755.5	2623.6	2503.4	2375.5	2240.4	2109.5	1964.9
-62.5°	2726.5	2655.8	2563.8	2470.4	2375.1	2276.8	2171.0	2065.8	1959.0	1843.3	1711.5
-65°	2272.1	2216.5	2148.8	2084.4	2014.1	1937.6	1851.2	1765.6	1676.1	1578.0	1460.9
-67.5°	1858.6	1820.3	1773.6	1723.8	1673.5	1614.6	1547.0	1473.2	1400.1	1318.3	1226.0
-70°	1509.3	1484.4	1451.3	1410.2	1369.6	1327.3	1277.0	1216.5	1145.7	1072.1	1004.8
-72.5°	1226.5	1210.7	1188.7	1158.4	1122.5	1084.1	1037.2	982.2	921.4	854.8	794.4
-75°	993.7	986.7	972.6	941.7	904.8	861.3	816.2	766.4	708.4	641.6	584.4
-77.5°	788.1	789.0	782.6	749.0	712.1	671.7	625.6	569.0	512.3	455.0	411.3
-80°	578.8	582.6	578.8	545.1	510.8	476.3	439.7	392.6	345.0	299.7	265.8
-82.5°	359.0	357.4	352.3	332.0	311.5	291.0	269.4	237.1	205.6	174.8	147.9
-85°	171.0	164.3	157.2	149.7	141.8	133.6	124.8	109.4	95.0	81.8	70.3
-87.5°	28.1	27.6	27.1	26.5	25.9	25.2	24.5	23.7	22.9	22.0	21.2
-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: P627741 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-727-U-VWR-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	21.6	21.6	21.4	19.0	16.8	14.6	12.6	11.4	10.2	9.0
85°	70.6	68.9	65.2	59.1	46.5	33.5	29.2	25.2	22.9	20.4	18.0
82.5°	147.4	148.9	148.8	144.4	127.4	109.6	90.9	71.5	53.0	33.7	26.9
80°	266.2	263.4	257.1	245.0	217.0	185.5	161.8	137.2	113.2	88.1	62.0
77.5°	402.5	391.1	377.0	361.0	331.4	296.6	256.7	211.4	173.1	142.2	110.1
75°	554.9	536.5	516.8	490.2	452.2	408.6	364.7	311.9	253.3	198.0	157.8
72.5°	745.9	701.6	662.0	624.7	583.4	534.8	478.8	410.7	339.5	272.2	209.1
70°	939.3	872.9	813.6	762.8	713.1	662.2	600.6	516.8	424.1	344.9	270.6
67.5°	1135.8	1057.2	977.8	901.8	839.1	779.2	719.8	622.3	516.1	416.0	330.7
65°	1352.7	1247.8	1146.9	1053.0	967.9	893.0	823.3	721.0	605.3	492.8	389.1
62.5°	1576.1	1442.3	1322.8	1203.0	1097.0	1005.9	922.2	809.4	690.6	567.0	450.2
60°	1810.8	1658.5	1499.7	1359.9	1229.9	1114.7	1013.3	896.5	770.4	638.4	510.8
57.5°	2058.1	1878.9	1700.6	1523.8	1367.8	1229.6	1101.9	979.1	848.8	708.9	567.3
55°	2308.6	2115.6	1904.7	1705.4	1514.0	1349.5	1195.7	1058.3	924.6	778.2	616.1
52.5°	2559.4	2347.5	2121.0	1890.8	1676.6	1470.8	1298.9	1135.5	994.3	845.9	666.9
50°	2821.8	2578.8	2336.2	2087.4	1838.3	1612.8	1398.5	1224.0	1062.0	910.1	715.1
47.5°	3094.9	2824.1	2554.1	2282.3	2015.1	1748.7	1514.9	1310.7	1127.4	968.3	759.9
45°	3394.2	3077.5	2778.7	2484.7	2182.6	1895.5	1632.7	1393.7	1201.6	1013.6	801.2
42.5°	3693.2	3345.0	3011.1	2684.2	2357.9	2041.4	1744.3	1491.4	1272.5	1056.9	839.2
40°	4011.4	3613.4	3243.2	2888.5	2529.1	2180.2	1867.9	1586.6	1338.9	1102.0	875.2
37.5°	4320.7	3888.5	3481.7	3083.7	2696.8	2330.0	1986.8	1675.9	1401.9	1152.5	909.3
35°	4648.1	4165.0	3702.3	3280.1	2869.4	2472.1	2098.1	1765.9	1474.5	1201.8	941.4
32.5°	4964.5	4435.3	3939.1	3473.9	3034.3	2606.0	2212.6	1861.1	1544.3	1249.6	971.4
30°	5275.4	4706.6	4166.0	3657.1	3194.1	2746.5	2327.4	1950.1	1611.0	1295.8	1001.5
27.5°	5561.9	4957.9	4383.4	3846.5	3351.0	2879.9	2435.9	2032.7	1674.3	1343.3	1036.4
25°	5828.9	5199.7	4597.8	4028.7	3496.7	3006.1	2535.8	2109.2	1738.7	1392.8	1068.9
22.5°	6079.3	5424.1	4792.1	4196.6	3631.6	3122.1	2633.1	2190.5	1799.7	1438.4	1098.6
20°	6307.0	5626.3	4966.1	4348.7	3762.9	3232.6	2726.8	2263.5	1854.2	1479.8	1125.4
17.5°	6512.1	5811.0	5132.2	4491.0	3885.2	3330.7	2810.1	2327.8	1902.0	1516.7	1148.9
15°	6702.5	5979.0	5278.9	4615.1	3991.0	3416.2	2882.5	2383.3	1943.0	1548.8	1171.4
12.5°	6866.1	6123.0	5403.5	4720.6	4080.1	3488.5	2943.8	2429.8	1977.0	1577.7	1192.5
10°	7000.8	6242.1	5505.2	4806.9	4152.3	3547.5	2993.6	2468.9	2009.0	1602.8	1208.7
7.5°	7105.7	6335.3	5583.6	4873.4	4209.5	3596.7	3035.9	2502.7	2034.7	1622.0	1220.1
5°	7185.1	6408.1	5651.7	4929.1	4262.0	3636.4	3066.8	2527.0	2053.4	1635.2	1226.5
2.5°	7255.8	6462.7	5705.3	4965.3	4297.8	3662.3	3085.3	2541.5	2064.7	1642.2	1228.0
0°	7295.6	6489.1	5734.9	4980.7	4316.1	3673.9	3091.5	2546.4	2068.5	1642.8	1224.6
-2.5°	7255.8	6462.7	5705.3	4965.3	4297.8	3662.3	3085.3	2541.5	2064.7	1642.2	1228.0
-5°	7185.1	6408.1	5651.7	4929.1	4262.0	3636.4	3066.8	2527.0	2053.4	1635.2	1226.5
-7.5°	7105.7	6335.3	5583.6	4873.4	4209.5	3596.7	3035.9	2502.7	2034.7	1622.0	1220.1
-10°	7000.8	6242.1	5505.2	4806.9	4152.3	3547.5	2993.6	2468.9	2009.0	1602.8	1208.7
-12.5°	6866.1	6123.0	5403.5	4720.6	4080.1	3488.5	2943.8	2429.8	1977.0	1577.7	1192.5
-15°	6702.5	5979.0	5278.9	4615.1	3991.0	3416.2	2882.5	2383.3	1943.0	1548.8	1171.4
-17.5°	6512.1	5811.0	5132.2	4491.0	3885.2	3330.7	2810.1	2327.8	1902.0	1516.7	1148.9
-20°	6307.0	5626.3	4966.1	4348.7	3762.9	3232.6	2726.8	2263.5	1854.2	1479.8	1125.4



REPORT NUMBER: P627741 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-727-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	6079.3	5424.1	4792.1	4196.6	3631.6	3122.1	2633.1	2190.5	1799.7	1438.4	1098.6
-25°	5828.9	5199.7	4597.8	4028.7	3496.7	3006.1	2535.8	2109.2	1738.7	1392.8	1068.9
-27.5°	5561.9	4957.9	4383.4	3846.5	3351.0	2879.9	2435.9	2032.7	1674.3	1343.3	1036.4
-30°	5275.4	4706.6	4166.0	3657.1	3194.1	2746.5	2327.4	1950.1	1611.0	1295.8	1001.5
-32.5°	4964.5	4435.3	3939.1	3473.9	3034.3	2606.0	2212.6	1861.1	1544.3	1249.6	971.4
-35°	4648.1	4165.0	3702.3	3280.1	2869.4	2472.1	2098.1	1765.9	1474.5	1201.8	941.4
-37.5°	4320.7	3888.5	3481.7	3083.7	2696.8	2330.0	1986.8	1675.9	1401.9	1152.5	909.3
-40°	4011.4	3613.4	3243.2	2888.5	2529.1	2180.2	1867.9	1586.6	1338.9	1102.0	875.2
-42.5°	3693.2	3345.0	3011.1	2684.2	2357.9	2041.4	1744.3	1491.4	1272.5	1056.9	839.2
-45°	3394.2	3077.5	2778.7	2484.7	2182.6	1895.5	1632.7	1393.7	1201.6	1013.6	801.2
-47.5°	3094.9	2824.1	2554.1	2282.3	2015.1	1748.7	1514.9	1310.7	1127.4	968.3	759.9
-50°	2821.8	2578.8	2336.2	2087.4	1838.3	1612.8	1398.5	1224.0	1062.0	910.1	715.1
-52.5°	2559.4	2347.5	2121.0	1890.8	1676.6	1470.8	1298.9	1135.5	994.3	845.9	666.9
-55°	2308.6	2115.6	1904.7	1705.4	1514.0	1349.5	1195.7	1058.3	924.6	778.2	616.1
-57.5°	2058.1	1878.9	1700.6	1523.8	1367.8	1229.6	1101.9	979.1	848.8	708.9	567.3
-60°	1810.8	1658.5	1499.7	1359.9	1229.9	1114.7	1013.3	896.5	770.4	638.4	510.8
-62.5°	1576.1	1442.3	1322.8	1203.0	1097.0	1005.9	922.2	809.4	690.6	567.0	450.2
-65°	1352.7	1247.8	1146.9	1053.0	967.9	893.0	823.3	721.0	605.3	492.8	389.1
-67.5°	1135.8	1057.2	977.8	901.8	839.1	779.2	719.8	622.3	516.1	416.0	330.7
-70°	939.3	872.9	813.6	762.8	713.1	662.2	600.6	516.8	424.1	344.9	270.6
-72.5°	745.9	701.6	662.0	624.7	583.4	534.8	478.8	410.7	339.5	272.2	209.1
-75°	554.9	536.5	516.8	490.2	452.2	408.6	364.7	311.9	253.3	198.0	157.8
-77.5°	402.5	391.1	377.0	361.0	331.4	296.6	256.7	211.4	173.1	142.2	110.1
-80°	266.2	263.4	257.1	245.0	217.0	185.5	161.8	137.2	113.2	88.1	62.0
-82.5°	147.4	148.9	148.8	144.4	127.4	109.6	90.9	71.5	53.0	33.7	26.9
-85°	70.6	68.9	65.2	59.1	46.5	33.5	29.2	25.2	22.9	20.4	18.0
-87.5°	21.5	21.6	21.6	21.4	19.0	16.8	14.6	12.6	11.4	10.2	9.0
-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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Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627741 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5E-727-U-VWR-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°	7.7	6.5	5.2	3.9	2.6	1.1	0.0
85°	15.5	12.9	10.4	7.8	5.2	2.3	0.0
82.5°	23.2	19.4	15.5	11.7	7.8	3.4	0.0
80°	34.8	25.8	20.7	15.5	10.3	4.5	0.0
77.5°	75.9	40.4	25.8	19.4	12.9	5.6	0.0
75°	115.9	69.8	33.6	23.2	15.3	6.7	0.0
72.5°	154.7	98.4	53.5	26.9	17.8	7.8	0.0
70°	193.4	126.1	72.7	32.2	20.1	8.9	0.0
67.5°	239.9	152.5	91.2	44.1	22.4	9.9	0.0
65°	284.4	182.1	108.9	55.6	24.7	10.9	0.0
62.5°	326.6	214.5	125.7	66.5	26.8	11.9	0.0
60°	366.4	245.2	141.4	76.8	28.9	12.8	0.0
57.5°	408.4	274.0	162.4	86.6	34.7	13.7	0.0
55°	448.1	300.8	182.4	95.6	40.4	14.6	0.0
52.5°	484.9	326.2	201.0	104.0	45.8	15.4	0.0
50°	518.6	353.2	218.1	111.6	51.0	16.2	0.0
47.5°	550.1	377.9	233.7	119.6	56.0	17.0	0.0
45°	585.2	400.2	247.8	129.9	60.8	17.7	0.0
42.5°	617.4	420.0	260.3	139.4	65.2	18.4	0.0
40°	646.6	437.3	272.8	149.0	69.4	19.0	0.0
37.5°	672.8	452.0	285.2	158.5	73.4	19.6	0.0
35°	695.8	469.1	295.8	167.3	77.1	20.1	0.0
32.5°	717.2	486.1	304.7	175.5	80.4	20.6	0.0
30°	739.4	500.7	311.8	182.9	83.5	21.0	0.0
27.5°	759.3	512.8	322.5	189.7	86.3	21.4	0.0
25°	776.8	522.4	332.5	195.8	88.8	21.7	0.0
22.5°	791.8	532.0	341.3	201.1	91.0	22.0	0.0
20°	804.2	545.2	348.9	205.7	92.9	22.3	0.0
17.5°	819.7	556.0	355.3	209.6	94.5	22.4	0.0
15°	835.9	564.4	360.4	212.8	95.7	22.6	0.0
12.5°	849.0	570.5	364.4	215.2	96.7	22.7	0.0
10°	859.0	574.2	367.1	216.9	97.4	22.7	0.0
7.5°	865.8	575.8	368.6	217.9	97.8	22.7	0.0
5°	869.3	575.1	368.8	218.2	97.8	22.6	0.0
2.5°	869.5	572.3	368.0	217.7	97.6	22.5	0.0
0°	866.2	567.5	365.9	216.6	97.1	22.4	0.0
-2.5°	869.5	572.3	368.0	217.7	97.6	22.5	0.0
-5°	869.3	575.1	368.8	218.2	97.8	22.6	0.0
-7.5°	865.8	575.8	368.6	217.9	97.8	22.7	0.0
-10°	859.0	574.2	367.1	216.9	97.4	22.7	0.0
-12.5°	849.0	570.5	364.4	215.2	96.7	22.7	0.0
-15°	835.9	564.4	360.4	212.8	95.7	22.6	0.0
-17.5°	819.7	556.0	355.3	209.6	94.5	22.4	0.0
-20°	804.2	545.2	348.9	205.7	92.9	22.3	0.0

Classified

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Scaled Data Report



REPORT NUMBER: P627741 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5E-727-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	791.8	532.0	341.3	201.1	91.0	22.0	0.0
-25°	776.8	522.4	332.5	195.8	88.8	21.7	0.0
-27.5°	759.3	512.8	322.5	189.7	86.3	21.4	0.0
-30°	739.4	500.7	311.8	182.9	83.5	21.0	0.0
-32.5°	717.2	486.1	304.7	175.5	80.4	20.6	0.0
-35°	695.8	469.1	295.8	167.3	77.1	20.1	0.0
-37.5°	672.8	452.0	285.2	158.5	73.4	19.6	0.0
-40°	646.6	437.3	272.8	149.0	69.4	19.0	0.0
-42.5°	617.4	420.0	260.3	139.4	65.2	18.4	0.0
-45°	585.2	400.2	247.8	129.9	60.8	17.7	0.0
-47.5°	550.1	377.9	233.7	119.6	56.0	17.0	0.0
-50°	518.6	353.2	218.1	111.6	51.0	16.2	0.0
-52.5°	484.9	326.2	201.0	104.0	45.8	15.4	0.0
-55°	448.1	300.8	182.4	95.6	40.4	14.6	0.0
-57.5°	408.4	274.0	162.4	86.6	34.7	13.7	0.0
-60°	366.4	245.2	141.4	76.8	28.9	12.8	0.0
-62.5°	326.6	214.5	125.7	66.5	26.8	11.9	0.0
-65°	284.4	182.1	108.9	55.6	24.7	10.9	0.0
-67.5°	239.9	152.5	91.2	44.1	22.4	9.9	0.0
-70°	193.4	126.1	72.7	32.2	20.1	8.9	0.0
-72.5°	154.7	98.4	53.5	26.9	17.8	7.8	0.0
-75°	115.9	69.8	33.6	23.2	15.3	6.7	0.0
-77.5°	75.9	40.4	25.8	19.4	12.9	5.6	0.0
-80°	34.8	25.8	20.7	15.5	10.3	4.5	0.0
-82.5°	23.2	19.4	15.5	11.7	7.8	3.4	0.0
-85°	15.5	12.9	10.4	7.8	5.2	2.3	0.0
-87.5°	7.7	6.5	5.2	3.9	2.6	1.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)