

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: P627672 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-722-U-WR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627672 (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-SA5D-722-U-WR-VSR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR  
Light Source: (80) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 22788.4 lumens  
Efficiency: N/A  
Efficacy: 84.0 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 5H x 5V  
Max Intensity: 25831 candela  
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 50.9°H x 47.1°V  
Beam Lumens: 10971.6 lumens  
Beam Efficiency: 48.1%

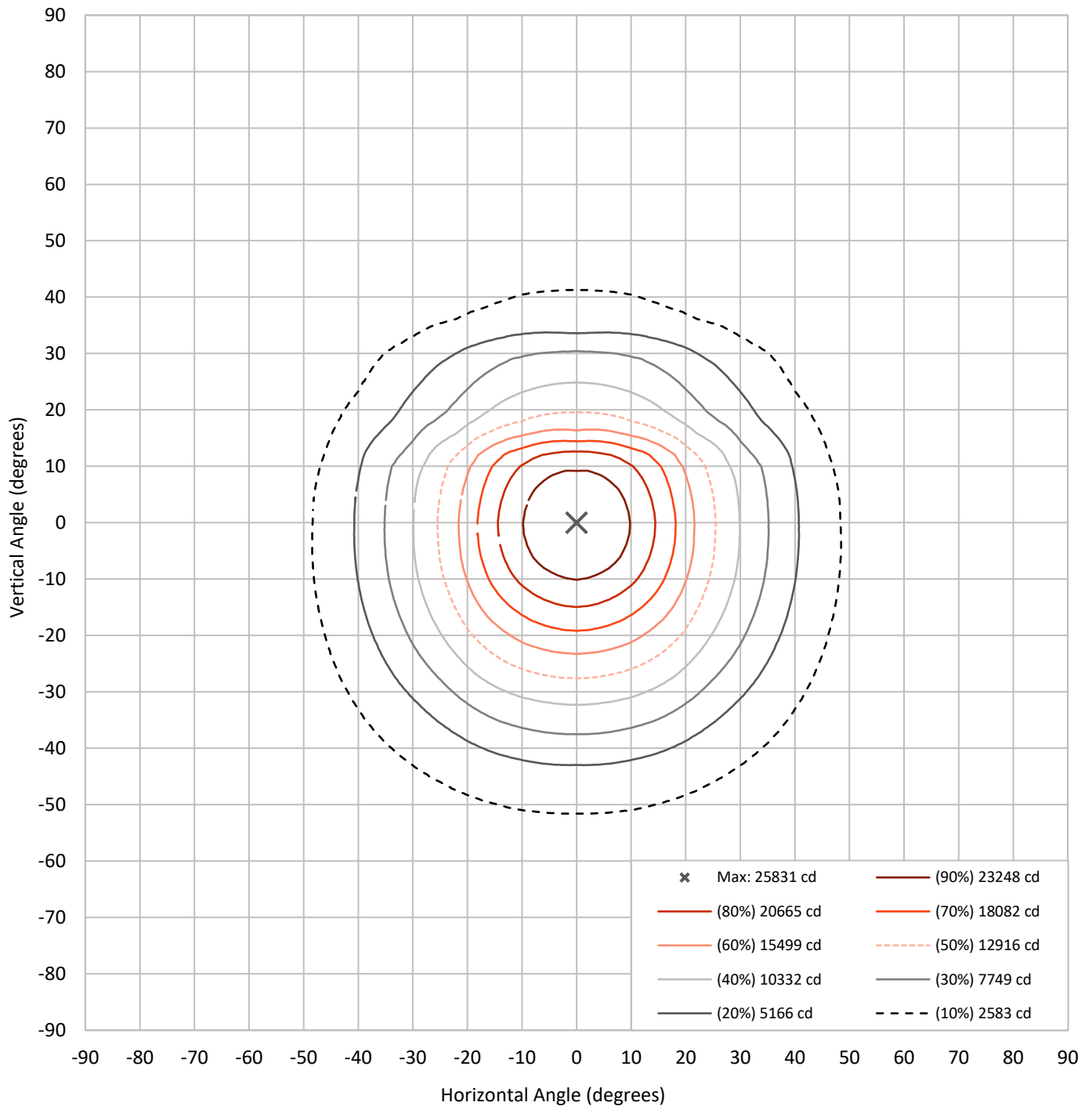
Field Angle (10%): 96.7°H x 92.9°V  
Field Lumens: 20403.4 lumens  
Field Efficiency: 89.5%

Input Watts (W): 271.3  
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





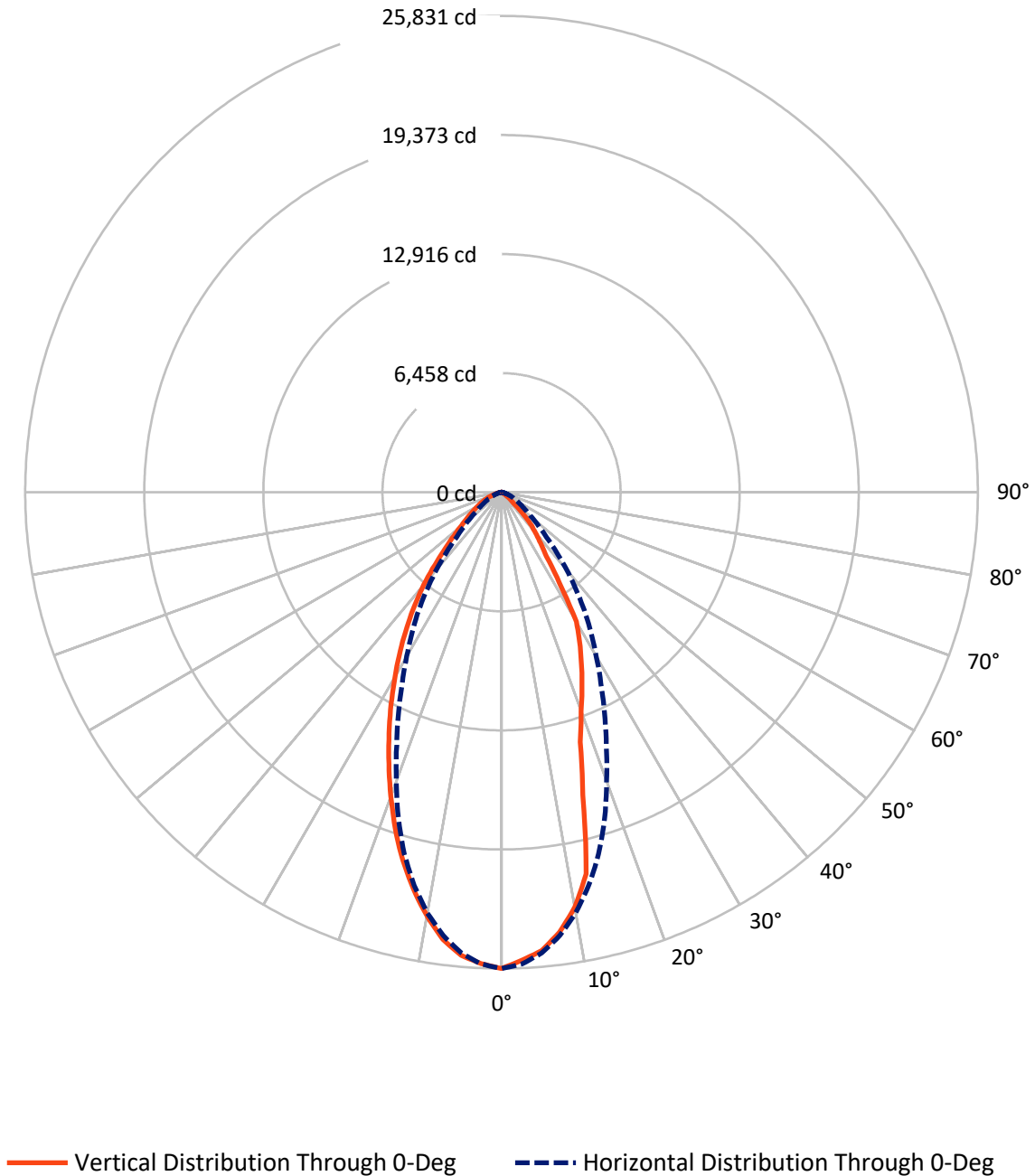
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### Lumen Table

90																			
80	0.0	0.1		0.1		0.0		0.0		0.0		0.1		0.1		0.0			
70																			
60	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1			
50		0.5	1.2	2.2	3.6	5.3	7.2	8.1	8.1	7.2	5.3	3.6	2.2	1.2	0.5				
40	1.0	1.7	4.4	9.3	17.0	27.8	40.2	49.2	49.2	40.2	27.8	17.0	9.3	4.4	1.7	1.0			
30		3.5	8.9	20.6	42.6	78.2	119.5	143.7	143.7	119.5	78.2	42.6	20.6	8.9	3.5				
20	2.5	5.4	14.4	37.4	88.5	166.2	252.9	304.9	304.9	252.9	166.2	88.5	37.4	14.4	5.4	2.5			
10		7.4	20.6	58.6	145.6	269.3	420.8	520.2	520.2	420.8	269.3	145.6	58.6	20.6	7.4				
0	3.5	8.6	25.8	75.9	191.2	356.4	572.3	725.6	725.6	572.3	356.4	191.2	75.9	25.8	8.6	3.5			
-10		9.0	26.9	78.3	194.0	361.6	578.1	730.1	730.1	578.1	361.6	194.0	78.3	26.9	9.0				
-20	3.8	8.9	25.5	69.8	171.9	317.5	489.4	603.9	603.9	489.4	317.5	171.9	69.8	25.5	8.9	3.8			
-30		8.1	22.1	54.6	128.2	239.3	356.7	427.7	427.7	356.7	239.3	128.2	54.6	22.1	8.1				
-40	3.2	7.1	17.9	39.5	80.7	148.5	224.0	266.7	266.7	224.0	148.5	80.7	39.5	17.9	7.1	3.2			
-50		5.9	13.8	27.3	48.5	77.7	111.5	132.7	132.7	111.5	77.7	48.5	27.3	13.8	5.9				
-60	2.0	4.6	10.1	18.2	29.6	42.6	55.1	62.4	62.4	55.1	42.6	29.6	18.2	10.1	4.6	2.0			
-70		3.2	6.7	11.2	17.2	23.4	28.7	31.3	31.3	28.7	23.4	17.2	11.2	6.7	3.2				
-80	0.5	6.5		16.7		29.9		27.3		29.9		16.7		6.5		0.5			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

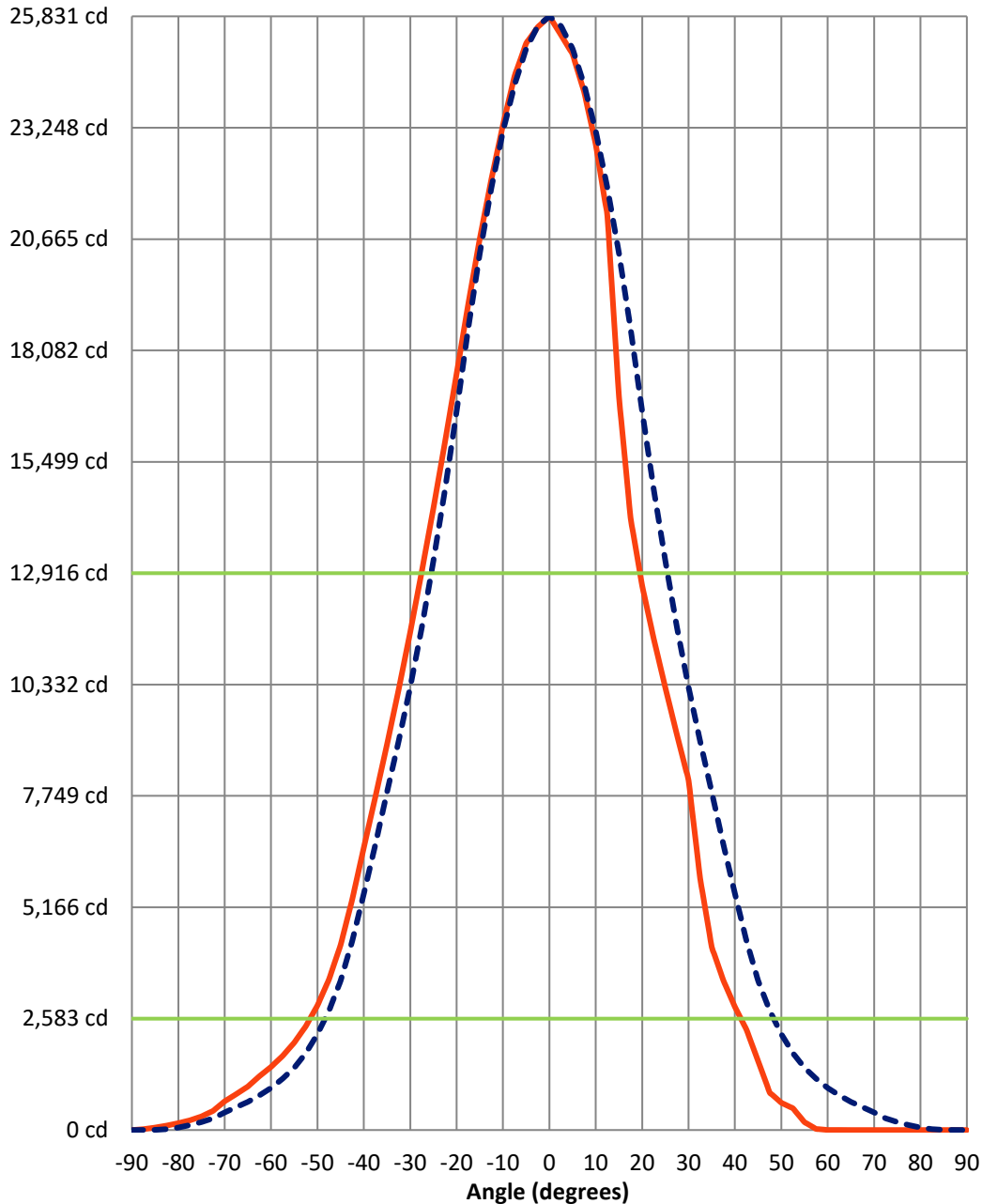
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 50.9°  
 V Angle: 47.1°  
 Lumens: 10971.6  
 Efficiency: 48.1%

**Field:**  
 H Angle: 96.7°  
 V Angle: 92.9°  
 Lumens: 20403.4  
 Efficiency: 89.5%

**Spill:**  
 Lumens: 2385  
 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	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
85°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
82.5°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.6	1.8	1.8	1.8
80°	0.0	0.3	0.6	0.9	1.2	1.6	1.8	1.8	1.8	1.8	1.8
77.5°	0.0	0.4	0.8	1.2	1.6	1.8	1.8	1.8	1.8	1.8	1.8
75°	0.0	0.5	0.9	1.4	1.8	1.8	1.8	1.8	1.8	1.8	1.8
72.5°	0.0	0.5	1.1	1.6	1.8	1.8	1.8	1.8	1.8	1.8	1.8
70°	0.0	0.6	1.2	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.0
67.5°	0.0	0.7	1.4	1.8	1.8	1.8	2.0	1.8	1.8	2.4	2.3
65°	0.0	0.8	1.5	1.8	1.8	2.0	2.2	1.8	2.6	3.0	3.5
62.5°	0.0	0.8	1.7	1.8	1.8	2.4	2.5	2.5	3.5	4.9	7.7
60°	0.0	0.9	1.8	1.8	1.8	2.9	2.9	3.5	4.4	12.2	13.2
57.5°	0.0	1.0	1.8	1.8	2.3	3.5	5.0	4.7	12.0	20.6	22.6
55°	0.0	1.0	1.9	1.8	2.9	4.0	7.6	7.0	22.0	31.0	35.1
52.5°	0.0	1.1	1.9	1.8	3.5	5.1	10.6	17.3	32.9	46.1	49.7
50°	0.0	1.2	1.9	1.8	4.1	8.3	14.1	28.7	46.0	62.7	75.8
47.5°	0.0	1.2	2.0	1.9	4.8	11.7	18.8	40.2	63.2	81.0	102.9
45°	0.0	1.3	2.0	2.4	5.4	15.3	28.7	51.7	80.4	105.0	129.6
42.5°	0.0	1.3	2.1	3.0	6.1	19.2	38.7	65.3	97.6	128.6	159.3
40°	0.0	1.4	2.2	3.6	8.1	23.2	48.6	80.2	115.5	151.7	190.2
37.5°	0.0	1.4	2.2	4.4	11.2	27.4	58.4	95.0	134.9	175.5	221.9
35°	0.0	1.5	2.3	5.3	14.4	34.1	68.2	109.5	154.4	203.8	256.3
32.5°	0.0	1.5	2.4	6.2	17.7	41.8	78.5	123.7	173.8	232.9	295.0
30°	0.0	1.6	2.5	7.2	20.9	49.3	90.0	138.2	193.3	262.6	334.0
27.5°	0.0	1.6	2.6	8.3	24.6	56.6	101.2	154.1	214.7	292.8	373.1
25°	0.0	1.6	2.7	9.4	28.3	63.6	112.0	169.6	239.3	325.0	412.3
22.5°	0.0	1.7	2.8	10.5	31.9	70.4	122.3	184.7	263.6	357.5	452.0
20°	0.0	1.7	2.9	11.7	35.4	77.1	132.2	199.3	287.6	389.3	489.9
17.5°	0.0	1.7	3.0	12.8	38.8	83.3	141.3	213.3	310.9	420.3	525.7
15°	0.0	1.7	3.1	14.0	42.0	89.2	149.7	225.8	333.5	450.1	559.5
12.5°	0.0	1.8	3.2	15.2	45.1	94.6	157.4	236.2	352.2	478.5	591.2
10°	0.0	1.8	3.3	16.3	48.0	99.5	164.3	245.5	367.1	495.4	616.1
7.5°	0.0	1.8	3.4	17.4	50.6	104.0	170.5	253.7	380.2	508.2	629.1
5°	0.0	1.8	3.5	18.4	53.1	108.0	176.0	260.7	391.5	518.3	639.6
2.5°	0.0	1.8	3.6	19.4	55.3	111.5	180.6	266.5	400.7	526.1	647.6
0°	0.0	1.8	3.7	20.3	57.2	114.4	184.5	271.2	407.8	531.4	653.2
-2.5°	0.0	1.9	4.3	21.6	59.8	118.0	189.5	279.0	415.8	539.1	661.8
-5°	0.0	2.0	4.8	22.8	62.1	121.0	193.7	285.5	421.6	544.6	668.0
-7.5°	0.0	2.1	5.3	23.8	64.1	123.5	197.0	290.7	425.3	548.0	671.6
-10°	0.0	2.3	5.8	24.8	65.7	125.3	199.3	294.3	426.9	549.4	672.7
-12.5°	0.0	2.3	6.3	25.6	66.9	126.6	200.7	296.4	426.4	548.5	669.6
-15°	0.0	2.4	6.8	26.2	67.7	127.1	201.2	296.8	423.2	543.7	663.1
-17.5°	0.0	2.5	7.2	26.7	68.1	127.1	200.6	296.3	417.8	537.3	654.1
-20°	0.0	2.6	7.6	27.1	68.0	126.4	200.0	294.9	410.9	529.2	642.6

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA5D-722-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	2.7	7.9	27.2	67.5	125.0	200.1	292.2	402.8	519.5	628.6
-25°	0.0	2.7	8.2	27.2	66.4	124.5	199.2	288.3	393.6	508.5	612.3
-27.5°	0.0	2.7	8.5	27.0	64.9	124.0	197.3	283.2	383.3	495.7	597.2
-30°	0.0	2.8	8.7	26.6	63.0	122.7	194.4	277.0	374.3	481.3	580.9
-32.5°	0.0	2.8	8.8	26.1	62.2	120.5	190.5	271.8	365.4	466.3	563.5
-35°	0.0	2.8	8.9	25.3	60.9	117.6	186.8	266.1	355.3	450.7	545.0
-37.5°	0.0	2.8	8.9	24.3	59.1	114.5	182.5	259.2	344.0	434.8	523.3
-40°	0.0	2.8	8.9	23.2	56.8	111.7	177.3	251.2	331.5	419.9	500.1
-42.5°	0.0	2.7	8.8	22.1	55.0	108.2	171.0	242.1	320.0	400.6	475.3
-45°	0.0	2.7	8.7	21.3	54.0	104.0	163.7	232.5	308.2	379.9	449.6
-47.5°	0.0	2.6	8.5	20.1	52.3	99.0	155.4	222.7	294.9	358.4	425.8
-50°	0.0	2.5	8.2	19.8	50.1	93.4	148.2	211.7	277.6	338.9	401.3
-52.5°	0.0	2.4	7.9	19.5	47.4	87.2	140.4	199.6	260.3	318.5	376.3
-55°	0.0	2.3	7.5	19.0	44.1	82.0	131.7	186.6	242.5	297.3	352.9
-57.5°	0.0	2.2	7.1	18.2	40.3	76.5	122.2	175.0	223.9	275.9	328.5
-60°	0.0	2.1	6.6	17.2	36.1	70.1	112.1	161.1	204.7	253.7	303.5
-62.5°	0.0	2.0	6.2	16.0	33.6	63.1	102.3	145.6	185.7	230.6	277.6
-65°	0.0	1.8	5.8	14.6	30.7	55.3	91.5	129.4	165.5	206.3	250.7
-67.5°	0.0	1.7	5.3	13.0	27.5	48.4	79.8	113.1	144.2	180.6	221.0
-70°	0.0	1.5	4.8	11.2	23.9	42.5	67.3	96.1	124.0	153.7	189.0
-72.5°	0.0	1.3	4.3	9.9	20.1	36.1	57.2	78.7	103.2	129.3	156.7
-75°	0.0	1.2	3.7	8.6	15.9	29.2	46.9	64.1	81.9	104.3	127.9
-77.5°	0.0	1.0	3.1	7.3	13.2	22.0	36.2	50.4	65.0	80.4	98.4
-80°	0.0	0.8	2.5	5.9	10.7	16.8	25.0	36.4	48.4	60.9	74.1
-82.5°	0.0	0.6	1.9	4.5	8.1	12.7	18.4	24.3	31.4	41.1	51.3
-85°	0.0	0.4	1.3	3.0	5.4	8.5	12.4	16.3	20.7	25.7	31.1
-87.5°	0.0	0.2	0.6	1.5	2.7	4.3	6.2	8.2	10.4	12.9	15.6
-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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 CATALOG NUMBER: GFLD-SA5D-722-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.8	0.9	1.0	1.0	1.1	1.2	1.2	1.3	1.3	1.4	1.4
85°	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
82.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
80°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
77.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
75°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
72.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
70°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.5
67.5°	1.8	1.8	1.8	1.9	1.8	1.8	1.8	1.8	1.8	1.4	0.9
65°	1.8	1.8	2.5	2.7	1.9	1.8	1.8	1.8	1.9	1.6	1.7
62.5°	2.7	3.3	4.1	6.4	4.8	1.8	3.6	4.2	2.8	2.3	2.5
60°	8.1	5.5	14.2	19.6	12.8	6.8	8.3	16.7	13.8	3.8	9.8
57.5°	16.3	20.1	35.7	37.5	28.8	19.5	42.7	47.3	39.3	24.7	35.5
55°	33.9	47.7	60.3	59.6	59.9	75.3	88.6	87.0	76.7	105.8	133.2
52.5°	64.3	78.5	86.9	94.6	116.2	130.5	134.6	142.8	172.9	208.9	215.3
50°	94.3	109.0	120.0	148.1	170.1	181.5	192.0	219.6	265.0	289.7	293.7
47.5°	124.7	141.2	170.1	200.8	222.2	239.3	257.5	320.1	370.8	391.8	399.4
45°	156.4	184.9	221.0	252.6	277.4	300.5	359.8	445.2	481.0	513.2	595.2
42.5°	189.4	232.2	272.9	306.0	333.9	382.3	464.9	547.7	598.8	667.3	766.4
40°	231.4	279.4	326.7	360.3	395.0	468.4	570.7	658.3	712.4	804.4	917.3
37.5°	274.1	330.2	381.2	416.6	465.5	564.8	685.0	789.8	857.0	931.8	1113.3
35°	316.2	382.0	434.3	481.8	542.3	679.1	827.1	943.9	1026.9	1155.1	1384.7
32.5°	361.2	434.8	488.2	552.9	652.2	805.2	987.1	1116.7	1254.2	1438.8	1806.5
30°	409.1	484.1	545.6	623.4	756.5	935.0	1146.1	1309.0	1495.7	1795.4	2191.8
27.5°	456.9	533.3	609.1	708.0	854.2	1047.1	1267.5	1524.4	1765.6	2100.8	2534.1
25°	502.8	583.5	671.3	790.9	949.0	1150.8	1391.5	1687.8	2002.6	2386.0	2894.8
22.5°	546.5	634.4	737.2	865.7	1028.9	1249.4	1536.3	1884.4	2262.7	2659.8	3244.6
20°	589.5	691.2	809.3	953.0	1102.5	1340.2	1678.0	2099.5	2573.6	3117.6	3690.6
17.5°	631.9	747.4	883.6	1043.4	1224.5	1467.9	1823.3	2325.0	2902.1	3610.1	4315.7
15°	673.5	802.4	955.6	1132.7	1347.7	1638.5	2042.1	2593.6	3290.8	4138.7	4974.4
12.5°	713.8	855.8	1024.6	1220.0	1467.1	1799.1	2248.4	2843.3	3642.2	4655.2	5681.9
10°	752.4	907.1	1090.2	1304.2	1581.5	1948.5	2430.7	3059.4	3907.4	4951.3	6093.2
7.5°	772.1	941.8	1146.1	1384.3	1689.4	2085.7	2589.4	3242.0	4114.5	5189.5	6334.3
5°	786.1	957.6	1167.1	1416.3	1748.7	2179.0	2710.8	3391.3	4267.2	5368.6	6497.7
2.5°	796.9	969.0	1182.5	1434.4	1772.1	2210.1	2750.9	3443.3	4349.1	5462.1	6592.9
0°	804.4	976.0	1191.9	1444.7	1784.2	2225.2	2769.4	3465.0	4383.9	5483.5	6627.5
-2.5°	812.3	985.5	1201.8	1460.8	1801.1	2245.7	2789.8	3480.3	4409.9	5489.5	6646.2
-5°	816.9	990.7	1205.7	1468.5	1806.6	2249.5	2788.3	3465.8	4389.1	5446.4	6605.5
-7.5°	818.2	991.2	1203.6	1467.0	1799.6	2232.0	2758.9	3422.5	4317.6	5359.2	6505.8
-10°	816.2	986.9	1195.6	1453.7	1779.3	2195.8	2706.2	3347.6	4200.0	5215.3	6337.2
-12.5°	810.2	977.7	1181.4	1432.0	1746.7	2144.3	2631.9	3240.7	4036.7	5015.2	6099.6
-15°	800.6	963.9	1160.9	1401.9	1701.7	2078.0	2536.5	3102.0	3826.4	4760.8	5803.8
-17.5°	787.4	945.7	1134.0	1363.5	1644.2	1997.4	2421.2	2939.6	3599.6	4476.9	5474.9
-20°	770.6	923.0	1100.7	1317.0	1577.9	1912.6	2314.1	2795.8	3387.3	4151.8	5086.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-722-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°	750.2	895.9	1065.5	1272.4	1519.1	1824.5	2194.4	2632.8	3149.2	3776.0	4663.1
-25°	729.2	870.0	1031.2	1222.7	1451.9	1724.7	2057.4	2456.8	2924.5	3498.2	4231.6
-27.5°	708.5	840.1	991.7	1165.4	1376.7	1621.7	1928.6	2292.8	2709.6	3197.4	3794.7
-30°	685.1	806.8	948.0	1105.4	1304.5	1532.0	1797.3	2109.3	2479.9	2920.8	3439.9
-32.5°	659.6	771.1	905.7	1053.5	1227.2	1434.3	1663.8	1946.0	2268.4	2632.1	3080.8
-35°	634.2	740.6	862.4	997.6	1144.2	1338.1	1549.0	1783.2	2057.4	2379.5	2738.3
-37.5°	609.9	707.3	816.0	942.0	1079.6	1240.6	1426.9	1638.3	1874.4	2130.6	2440.6
-40°	582.7	671.3	774.2	888.3	1010.0	1149.6	1317.5	1496.9	1700.2	1925.7	2165.1
-42.5°	553.1	638.4	732.1	830.5	942.2	1066.9	1206.2	1370.2	1539.1	1728.0	1937.0
-45°	524.1	602.4	688.3	778.0	871.9	982.1	1108.7	1245.2	1394.9	1549.0	1724.6
-47.5°	493.6	565.2	645.1	723.2	806.4	900.4	1007.8	1131.7	1256.6	1393.8	1530.0
-50°	463.1	530.2	597.4	670.3	744.9	823.1	913.8	1020.7	1134.4	1248.3	1368.1
-52.5°	435.8	493.8	554.5	617.2	685.0	754.6	830.2	918.3	1017.7	1118.0	1221.3
-55°	407.9	461.3	511.5	567.6	626.3	688.9	756.3	830.5	905.5	996.9	1085.8
-57.5°	380.6	428.0	471.6	519.4	571.7	624.9	685.6	748.6	816.7	885.8	958.5
-60°	353.2	393.5	433.0	474.4	518.2	565.6	614.4	669.8	728.2	788.2	851.2
-62.5°	324.8	357.6	392.4	430.3	468.9	505.3	546.3	591.5	639.7	691.2	744.6
-65°	293.2	320.3	349.4	382.4	418.6	448.0	479.4	513.4	553.2	595.6	637.5
-67.5°	259.4	283.4	307.1	331.6	361.0	387.3	413.1	440.2	469.9	504.6	538.2
-70°	221.7	245.7	266.6	286.9	305.6	324.4	346.3	367.6	391.6	422.7	453.3
-72.5°	183.5	205.9	225.7	242.9	256.1	267.3	280.7	296.3	319.3	348.1	375.1
-75°	148.4	166.5	185.0	201.6	210.0	213.4	216.2	224.4	247.6	277.3	303.4
-77.5°	115.6	131.4	146.5	160.9	166.8	169.2	170.3	170.3	187.4	212.6	239.2
-80°	85.1	96.1	108.9	121.2	124.9	126.0	126.1	125.4	139.4	157.5	177.0
-82.5°	59.1	67.0	75.2	83.6	84.7	84.1	82.9	81.7	93.0	106.1	119.6
-85°	34.4	37.7	42.7	47.9	48.4	48.2	47.3	45.8	52.2	59.3	66.8
-87.5°	17.2	18.9	20.5	22.2	21.6	20.7	19.6	18.3	20.0	21.9	23.8
-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: P627672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-722-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°	1.5	1.1	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.8	1.4	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.8	1.4	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.8	1.4	1.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.8	1.5	1.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.8	1.5	1.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.8	1.6	1.1	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.0	0.5	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.8	0.9	0.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.9	1.8	1.3	0.9	0.4	0.3	0.4	0.4	0.2	0.0	0.0
62.5°	2.4	2.3	1.6	1.5	1.7	1.8	1.5	1.3	1.2	1.3	1.5
60°	10.4	5.9	6.0	7.7	6.6	3.0	6.0	7.6	7.1	5.4	4.7
57.5°	53.0	44.4	31.0	51.9	53.5	37.2	40.4	52.8	51.2	39.5	39.4
55°	133.5	135.4	145.3	158.5	168.2	172.7	176.7	196.5	217.7	238.5	248.8
52.5°	220.4	246.2	278.3	299.5	314.3	344.7	387.2	406.7	425.7	447.3	462.9
50°	324.6	369.4	401.6	406.3	456.8	489.7	497.4	534.0	573.9	598.8	616.6
47.5°	482.9	539.6	567.6	585.5	647.1	714.5	714.6	735.7	835.6	887.9	913.0
45°	695.5	742.8	792.4	921.3	1039.8	1077.4	1157.9	1267.0	1337.8	1435.3	1542.5
42.5°	876.6	965.4	1089.7	1231.6	1350.4	1449.3	1568.9	1699.9	1857.3	2005.4	2133.1
40°	1055.9	1165.7	1319.6	1474.0	1623.6	1760.6	1953.4	2121.9	2307.6	2511.3	2681.0
37.5°	1289.7	1430.3	1589.4	1784.0	2016.9	2169.0	2434.2	2676.3	2885.6	3131.5	3283.0
35°	1648.8	1832.1	1972.9	2366.5	2649.7	2827.7	3141.5	3539.5	3692.3	4002.0	4149.0
32.5°	2100.4	2343.9	2714.5	3235.7	3614.0	3941.5	4410.7	4814.5	5158.7	5469.8	5793.4
30°	2607.8	2983.5	3529.9	4222.4	4606.6	5065.4	5699.8	6178.6	6718.5	7311.1	7518.7
27.5°	3068.2	3631.0	4265.4	4826.3	5378.1	5949.5	6572.9	7188.1	7772.4	8265.5	8596.4
25°	3494.9	4176.6	4793.1	5392.5	5990.4	6633.9	7339.0	8036.7	8679.7	9187.1	9572.8
22.5°	3935.1	4655.3	5314.7	5923.0	6618.5	7347.7	8097.5	8897.8	9629.6	10156.0	10576.2
20°	4348.9	5149.9	5902.2	6594.7	7252.1	8093.9	8957.4	9806.3	10603.1	11230.1	11714.6
17.5°	5005.8	5701.1	6620.5	7520.2	8260.8	9034.2	10187.9	11064.1	11948.3	12699.2	13212.9
15°	5812.6	6577.1	7526.5	8762.0	9776.8	10662.9	11854.8	13280.0	14323.1	15281.7	15939.2
12.5°	6619.9	7484.7	8511.6	9901.9	11346.9	12390.5	13836.5	15642.5	16857.4	18341.6	19073.3
10°	7238.7	8324.7	9382.2	10651.0	12038.7	13524.8	15083.6	16773.3	18396.5	19670.9	20810.2
7.5°	7487.9	8644.6	9868.8	11163.4	12550.9	14084.8	15746.1	17504.3	19174.9	20598.3	21850.4
5°	7674.1	8859.3	10091.6	11415.3	12898.6	14500.3	16186.5	18032.3	19738.4	21264.1	22545.0
2.5°	7792.5	8988.8	10215.7	11561.6	13121.5	14770.9	16511.3	18406.0	20137.7	21708.3	22985.0
0°	7837.9	9016.8	10273.3	11659.0	13203.3	14856.5	16672.0	18589.1	20334.5	21853.0	23166.7
-2.5°	7844.0	8990.7	10277.1	11656.0	13133.7	14802.3	16639.8	18540.8	20250.8	21763.2	23088.6
-5°	7782.4	8928.7	10216.2	11574.2	13053.9	14710.0	16468.6	18305.6	19936.5	21408.4	22684.5
-7.5°	7657.6	8800.7	10059.8	11386.6	12826.5	14432.9	16121.9	17829.8	19429.7	20841.4	22059.2
-10°	7472.4	8591.5	9806.9	11099.8	12462.1	13990.1	15600.6	17232.5	18732.8	20038.2	21164.4
-12.5°	7221.6	8314.8	9475.6	10709.8	11977.9	13434.7	14955.4	16487.8	17855.3	19047.1	20057.5
-15°	6895.9	7963.6	9087.5	10254.7	11484.5	12801.9	14166.7	15572.2	16833.4	17890.4	18813.4
-17.5°	6512.2	7547.7	8615.1	9697.1	10864.0	12099.9	13366.9	14628.6	15704.3	16643.2	17487.3
-20°	6084.4	7082.1	8096.0	9104.7	10163.4	11306.4	12476.6	13584.9	14524.9	15378.1	16150.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-722-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°	5604.8	6559.8	7531.6	8475.6	9430.2	10465.2	11510.2	12512.5	13391.7	14121.6	14792.8
-25°	5091.4	5973.8	6891.4	7776.5	8655.2	9582.7	10531.8	11454.0	12227.9	12861.5	13416.1
-27.5°	4574.1	5380.4	6188.9	7022.1	7834.3	8690.2	9549.5	10346.0	11040.7	11624.2	12090.2
-30°	4030.3	4751.1	5489.4	6243.4	7018.9	7802.1	8578.6	9276.0	9882.4	10395.6	10798.4
-32.5°	3578.3	4126.0	4777.8	5462.2	6189.2	6902.8	7578.2	8213.9	8785.4	9233.5	9575.0
-35°	3145.2	3608.9	4097.1	4702.9	5327.4	5984.2	6605.5	7172.8	7682.3	8073.8	8395.1
-37.5°	2772.8	3139.6	3552.4	3984.9	4508.5	5051.4	5612.2	6145.7	6600.0	6941.5	7228.5
-40°	2450.5	2740.1	3070.0	3412.8	3798.1	4188.1	4676.3	5126.6	5497.4	5816.7	6076.7
-42.5°	2159.1	2403.5	2647.1	2928.3	3219.0	3532.5	3875.2	4208.2	4492.8	4760.0	4980.8
-45°	1907.6	2102.8	2297.0	2514.2	2727.6	2982.6	3227.4	3445.8	3676.3	3876.4	4033.8
-47.5°	1687.7	1839.9	2006.3	2168.9	2340.2	2532.3	2714.5	2880.7	3049.5	3195.8	3313.2
-50°	1492.2	1618.4	1754.3	1882.0	2020.6	2161.0	2295.8	2428.0	2556.3	2667.6	2754.1
-52.5°	1321.1	1431.3	1537.2	1638.9	1749.2	1853.1	1950.6	2059.7	2160.1	2247.8	2307.1
-55°	1175.4	1265.4	1352.2	1437.1	1520.5	1599.3	1677.0	1761.8	1839.2	1908.9	1953.0
-57.5°	1038.6	1115.2	1188.7	1258.0	1324.2	1386.9	1452.3	1517.5	1577.1	1629.7	1663.8
-60°	914.2	976.8	1040.3	1096.9	1150.2	1200.3	1255.4	1307.5	1355.7	1396.2	1419.8
-62.5°	800.1	856.3	903.2	948.0	993.3	1038.4	1077.6	1116.0	1153.2	1184.5	1205.1
-65°	680.9	728.5	768.4	804.4	836.9	871.8	905.2	935.4	962.2	982.6	995.6
-67.5°	574.3	609.3	641.3	669.9	698.9	726.9	752.5	775.5	795.6	809.8	819.2
-70°	481.6	508.3	534.5	560.5	586.3	608.2	626.8	643.9	659.5	665.9	668.8
-72.5°	400.2	423.9	446.9	469.9	491.4	508.4	522.1	534.7	546.0	536.3	519.2
-75°	326.3	347.2	368.7	389.0	408.0	421.0	431.2	440.5	449.0	427.9	398.9
-77.5°	265.9	284.3	300.2	316.0	331.6	340.0	346.4	352.7	358.8	335.2	305.5
-80°	197.3	212.1	225.6	238.9	252.0	256.9	259.8	261.7	262.8	242.6	219.3
-82.5°	133.3	141.0	148.4	156.1	164.1	168.2	171.3	173.7	175.5	161.1	145.0
-85°	74.7	77.0	78.8	80.4	81.7	84.3	86.7	89.0	91.1	84.3	76.8
-87.5°	25.7	25.7	25.6	25.4	25.1	25.2	25.1	25.1	24.9	23.9	22.7
-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: P627672 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-722-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	0.2	0.4
62.5°	1.6	1.7	1.8	1.8	1.8	1.7	1.6	1.5	1.3	1.2	1.3
60°	3.6	2.2	1.8	1.8	1.8	2.2	3.6	4.7	5.4	7.1	7.6
57.5°	36.7	32.0	28.7	25.8	28.7	32.0	36.7	39.4	39.5	51.2	52.8
55°	244.3	227.5	206.9	182.7	206.9	227.5	244.3	248.8	238.5	217.7	196.5
52.5°	479.3	495.3	504.5	503.7	504.5	495.3	479.3	462.9	447.3	425.7	406.7
50°	630.9	639.6	640.1	632.9	640.1	639.6	630.9	616.6	598.8	573.9	534.0
47.5°	924.4	912.3	891.5	869.0	891.5	912.3	924.4	913.0	887.9	835.6	735.7
45°	1613.1	1652.0	1649.4	1599.7	1649.4	1652.0	1613.1	1542.5	1435.3	1337.8	1267.0
42.5°	2204.5	2262.7	2303.9	2324.8	2303.9	2262.7	2204.5	2133.1	2005.4	1857.3	1699.9
40°	2776.6	2832.9	2857.6	2856.2	2857.6	2832.9	2776.6	2681.0	2511.3	2307.6	2121.9
37.5°	3381.2	3454.0	3489.2	3472.4	3489.2	3454.0	3381.2	3283.0	3131.5	2885.6	2676.3
35°	4212.6	4280.7	4281.9	4247.3	4281.9	4280.7	4212.6	4149.0	4002.0	3692.3	3539.5
32.5°	6050.3	6073.1	5898.1	5836.0	5898.1	6073.1	6050.3	5793.4	5469.8	5158.7	4814.5
30°	7725.3	7886.8	8037.0	8112.8	8037.0	7886.8	7725.3	7518.7	7311.1	6718.5	6178.6
27.5°	8845.8	9040.1	9160.4	9168.1	9160.4	9040.1	8845.8	8596.4	8265.5	7772.4	7188.1
25°	9865.1	10082.3	10213.6	10258.6	10213.6	10082.3	9865.1	9572.8	9187.1	8679.7	8036.7
22.5°	10932.9	11188.9	11358.6	11393.3	11358.6	11188.9	10932.9	10576.2	10156.0	9629.6	8897.8
20°	12171.7	12469.8	12632.4	12625.8	12632.4	12469.8	12171.7	11714.6	11230.1	10603.1	9806.3
17.5°	13802.8	14122.4	14262.9	14201.5	14262.9	14122.4	13802.8	13212.9	12699.2	11948.3	11064.1
15°	16614.3	17282.9	17280.2	17013.4	17280.2	17282.9	16614.3	15939.2	15281.7	14323.1	13280.0
12.5°	20082.3	20580.5	21091.8	21201.7	21091.8	20580.5	20082.3	19073.3	18341.6	16857.4	15642.5
10°	21769.8	22431.5	22868.2	22856.7	22868.2	22431.5	21769.8	20810.2	19670.9	18396.5	16773.3
7.5°	22825.5	23556.5	24085.8	24074.5	24085.8	23556.5	22825.5	21850.4	20598.3	19174.9	17504.3
5°	23640.2	24451.1	24919.9	24954.6	24919.9	24451.1	23640.2	22545.0	21264.1	19738.4	18032.3
2.5°	24063.5	24909.8	25473.4	25399.2	25473.4	24909.8	24063.5	22985.0	21708.3	20137.7	18406.0
0°	24240.5	25078.2	25604.0	25831.0	25604.0	25078.2	24240.5	23166.7	21853.0	20334.5	18589.1
-2.5°	24163.2	24978.3	25559.4	25581.9	25559.4	24978.3	24163.2	23088.6	21763.2	20250.8	18540.8
-5°	23749.2	24609.3	24998.7	25205.5	24998.7	24609.3	23749.2	22684.5	21408.4	19936.5	18305.6
-7.5°	23081.5	23726.1	24220.6	24449.0	24220.6	23726.1	23081.5	22059.2	20841.4	19429.7	17829.8
-10°	22042.4	22709.7	23127.6	23316.1	23127.6	22709.7	22042.4	21164.4	20038.2	18732.8	17232.5
-12.5°	20891.3	21497.7	21895.0	22054.1	21895.0	21497.7	20891.3	20057.5	19047.1	17855.3	16487.8
-15°	19606.9	20157.6	20523.3	20675.8	20523.3	20157.6	19606.9	18813.4	17890.4	16833.4	15572.2
-17.5°	18193.1	18675.7	19040.1	19150.0	19040.1	18675.7	18193.1	17487.3	16643.2	15704.3	14628.6
-20°	16739.4	17175.6	17475.7	17541.1	17475.7	17175.6	16739.4	16150.5	15378.1	14524.9	13584.9



REPORT NUMBER: P627672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-722-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	15274.6	15633.9	15877.7	15959.8	15877.7	15633.9	15274.6	14792.8	14121.6	13391.7	12512.5
-25°	13843.1	14153.2	14349.4	14422.9	14349.4	14153.2	13843.1	13416.1	12861.5	12227.9	11454.0
-27.5°	12466.3	12755.4	12935.7	12959.8	12935.7	12755.4	12466.3	12090.2	11624.2	11040.7	10346.0
-30°	11111.6	11350.5	11489.4	11548.3	11489.4	11350.5	11111.6	10798.4	10395.6	9882.4	9276.0
-32.5°	9845.6	10054.3	10179.1	10212.5	10179.1	10054.3	9845.6	9575.0	9233.5	8785.4	8213.9
-35°	8650.5	8843.1	8953.8	8944.9	8953.8	8843.1	8650.5	8395.1	8073.8	7682.3	7172.8
-37.5°	7465.7	7643.5	7743.9	7734.5	7743.9	7643.5	7465.7	7228.5	6941.5	6600.0	6145.7
-40°	6290.5	6443.9	6532.3	6553.7	6532.3	6443.9	6290.5	6076.7	5816.7	5497.4	5126.6
-42.5°	5164.5	5306.0	5376.8	5348.9	5376.8	5306.0	5164.5	4980.8	4760.0	4492.8	4208.2
-45°	4144.0	4217.2	4265.3	4295.3	4265.3	4217.2	4144.0	4033.8	3876.4	3676.3	3445.8
-47.5°	3399.1	3459.8	3492.5	3498.2	3492.5	3459.8	3399.1	3313.2	3195.8	3049.5	2880.7
-50°	2821.5	2873.1	2895.9	2889.4	2895.9	2873.1	2821.5	2754.1	2667.6	2556.3	2428.0
-52.5°	2349.7	2379.6	2399.8	2409.7	2399.8	2379.6	2349.7	2307.1	2247.8	2160.1	2059.7
-55°	1986.2	2009.5	2023.1	2027.7	2023.1	2009.5	1986.2	1953.0	1908.9	1839.2	1761.8
-57.5°	1692.3	1714.5	1722.5	1719.6	1722.5	1714.5	1692.3	1663.8	1629.7	1577.1	1517.5
-60°	1438.0	1450.6	1460.1	1465.0	1460.1	1450.6	1438.0	1419.8	1396.2	1355.7	1307.5
-62.5°	1221.5	1233.5	1243.4	1249.1	1243.4	1233.5	1221.5	1205.1	1184.5	1153.2	1116.0
-65°	1004.8	1010.0	1011.5	1009.3	1011.5	1010.0	1004.8	995.6	982.6	962.2	935.4
-67.5°	826.1	830.5	833.5	834.0	833.5	830.5	826.1	819.2	809.8	795.6	775.5
-70°	671.6	673.5	671.3	666.1	671.3	673.5	671.6	668.8	665.9	659.5	643.9
-72.5°	501.7	483.4	465.0	444.7	465.0	483.4	501.7	519.2	536.3	546.0	534.7
-75°	368.8	337.7	326.4	315.5	326.4	337.7	368.8	398.9	427.9	449.0	440.5
-77.5°	274.3	241.9	233.3	225.1	233.3	241.9	274.3	305.5	335.2	358.8	352.7
-80°	194.9	169.6	164.1	158.7	164.1	169.6	194.9	219.3	242.6	262.8	261.7
-82.5°	128.1	110.4	106.9	103.3	106.9	110.4	128.1	145.0	161.1	175.5	173.7
-85°	68.9	60.7	59.0	57.2	59.0	60.7	68.9	76.8	84.3	91.1	89.0
-87.5°	21.5	20.2	20.3	20.3	20.3	20.2	21.5	22.7	23.9	24.9	25.1
-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: P627672 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-722-U-WR-VSR-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°	0.0	0.0	0.0	0.4	0.8	1.1	1.5	1.4	1.4	1.3	1.3
85°	0.0	0.0	0.0	0.5	0.9	1.4	1.8	1.8	1.8	1.8	1.8
82.5°	0.0	0.0	0.0	0.5	0.9	1.4	1.8	1.8	1.8	1.8	1.8
80°	0.0	0.0	0.1	0.5	1.0	1.4	1.8	1.8	1.8	1.8	1.8
77.5°	0.0	0.0	0.1	0.6	1.0	1.5	1.8	1.8	1.8	1.8	1.8
75°	0.0	0.0	0.1	0.6	1.1	1.5	1.8	1.8	1.8	1.8	1.8
72.5°	0.0	0.0	0.1	0.5	1.1	1.6	1.8	1.8	1.8	1.8	1.8
70°	0.0	0.0	0.1	0.0	0.1	0.5	1.0	1.5	1.8	1.8	1.8
67.5°	0.0	0.0	0.3	0.7	0.9	0.9	0.8	0.9	1.4	1.8	1.8
65°	0.4	0.3	0.4	0.9	1.3	1.8	1.9	1.7	1.6	1.9	1.8
62.5°	1.5	1.8	1.7	1.5	1.6	2.3	2.4	2.5	2.3	2.8	4.2
60°	6.0	3.0	6.6	7.7	6.0	5.9	10.4	9.8	3.8	13.8	16.7
57.5°	40.4	37.2	53.5	51.9	31.0	44.4	53.0	35.5	24.7	39.3	47.3
55°	176.7	172.7	168.2	158.5	145.3	135.4	133.5	133.2	105.8	76.7	87.0
52.5°	387.2	344.7	314.3	299.5	278.3	246.2	220.4	215.3	208.9	172.9	142.8
50°	497.4	489.7	456.8	406.3	401.6	369.4	324.6	293.7	289.7	265.0	219.6
47.5°	714.6	714.5	647.1	585.5	567.6	539.6	482.9	399.4	391.8	370.8	320.1
45°	1157.9	1077.4	1039.8	921.3	792.4	742.8	695.5	595.2	513.2	481.0	445.2
42.5°	1568.9	1449.3	1350.4	1231.6	1089.7	965.4	876.6	766.4	667.3	598.8	547.7
40°	1953.4	1760.6	1623.6	1474.0	1319.6	1165.7	1055.9	917.3	804.4	712.4	658.3
37.5°	2434.2	2169.0	2016.9	1784.0	1589.4	1430.3	1289.7	1113.3	931.8	857.0	789.8
35°	3141.5	2827.7	2649.7	2366.5	1972.9	1832.1	1648.8	1384.7	1155.1	1026.9	943.9
32.5°	4410.7	3941.5	3614.0	3235.7	2714.5	2343.9	2100.4	1806.5	1438.8	1254.2	1116.7
30°	5699.8	5065.4	4606.6	4222.4	3529.9	2983.5	2607.8	2191.8	1795.4	1495.7	1309.0
27.5°	6572.9	5949.5	5378.1	4826.3	4265.4	3631.0	3068.2	2534.1	2100.8	1765.6	1524.4
25°	7339.0	6633.9	5990.4	5392.5	4793.1	4176.6	3494.9	2894.8	2386.0	2002.6	1687.8
22.5°	8097.5	7347.7	6618.5	5923.0	5314.7	4655.3	3935.1	3244.6	2659.8	2262.7	1884.4
20°	8957.4	8093.9	7252.1	6594.7	5902.2	5149.9	4348.9	3690.6	3117.6	2573.6	2099.5
17.5°	10187.9	9034.2	8260.8	7520.2	6620.5	5701.1	5005.8	4315.7	3610.1	2902.1	2325.0
15°	11854.8	10662.9	9776.8	8762.0	7526.5	6577.1	5812.6	4974.4	4138.7	3290.8	2593.6
12.5°	13836.5	12390.5	11346.9	9901.9	8511.6	7484.7	6619.9	5681.9	4655.2	3642.2	2843.3
10°	15083.6	13524.8	12038.7	10651.0	9382.2	8324.7	7238.7	6093.2	4951.3	3907.4	3059.4
7.5°	15746.1	14084.8	12550.9	11163.4	9868.8	8644.6	7487.9	6334.3	5189.5	4114.5	3242.0
5°	16186.5	14500.3	12898.6	11415.3	10091.6	8859.3	7674.1	6497.7	5368.6	4267.2	3391.3
2.5°	16511.3	14770.9	13121.5	11561.6	10215.7	8988.8	7792.5	6592.9	5462.1	4349.1	3443.3
0°	16672.0	14856.5	13203.3	11659.0	10273.3	9016.8	7837.9	6627.5	5483.5	4383.9	3465.0
-2.5°	16639.8	14802.3	13133.7	11656.0	10277.1	8990.7	7844.0	6646.2	5489.5	4409.9	3480.3
-5°	16468.6	14710.0	13053.9	11574.2	10216.2	8928.7	7782.4	6605.5	5446.4	4389.1	3465.8
-7.5°	16121.9	14432.9	12826.5	11386.6	10059.8	8800.7	7657.6	6505.8	5359.2	4317.6	3422.5
-10°	15600.6	13990.1	12462.1	11099.8	9806.9	8591.5	7472.4	6337.2	5215.3	4200.0	3347.6
-12.5°	14955.4	13434.7	11977.9	10709.8	9475.6	8314.8	7221.6	6099.6	5015.2	4036.7	3240.7
-15°	14166.7	12801.9	11484.5	10254.7	9087.5	7963.6	6895.9	5803.8	4760.8	3826.4	3102.0
-17.5°	13366.9	12099.9	10864.0	9697.1	8615.1	7547.7	6512.2	5474.9	4476.9	3599.6	2939.6
-20°	12476.6	11306.4	10163.4	9104.7	8096.0	7082.1	6084.4	5086.8	4151.8	3387.3	2795.8



REPORT NUMBER: P627672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-722-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°	11510.2	10465.2	9430.2	8475.6	7531.6	6559.8	5604.8	4663.1	3776.0	3149.2	2632.8
-25°	10531.8	9582.7	8655.2	7776.5	6891.4	5973.8	5091.4	4231.6	3498.2	2924.5	2456.8
-27.5°	9549.5	8690.2	7834.3	7022.1	6188.9	5380.4	4574.1	3794.7	3197.4	2709.6	2292.8
-30°	8578.6	7802.1	7018.9	6243.4	5489.4	4751.1	4030.3	3439.9	2920.8	2479.9	2109.3
-32.5°	7578.2	6902.8	6189.2	5462.2	4777.8	4126.0	3578.3	3080.8	2632.1	2268.4	1946.0
-35°	6605.5	5984.2	5327.4	4702.9	4097.1	3608.9	3145.2	2738.3	2379.5	2057.4	1783.2
-37.5°	5612.2	5051.4	4508.5	3984.9	3552.4	3139.6	2772.8	2440.6	2130.6	1874.4	1638.3
-40°	4676.3	4188.1	3798.1	3412.8	3070.0	2740.1	2450.5	2165.1	1925.7	1700.2	1496.9
-42.5°	3875.2	3532.5	3219.0	2928.3	2647.1	2403.5	2159.1	1937.0	1728.0	1539.1	1370.2
-45°	3227.4	2982.6	2727.6	2514.2	2297.0	2102.8	1907.6	1724.6	1549.0	1394.9	1245.2
-47.5°	2714.5	2532.3	2340.2	2168.9	2006.3	1839.9	1687.7	1530.0	1393.8	1256.6	1131.7
-50°	2295.8	2161.0	2020.6	1882.0	1754.3	1618.4	1492.2	1368.1	1248.3	1134.4	1020.7
-52.5°	1950.6	1853.1	1749.2	1638.9	1537.2	1431.3	1321.1	1221.3	1118.0	1017.7	918.3
-55°	1677.0	1599.3	1520.5	1437.1	1352.2	1265.4	1175.4	1085.8	996.9	905.5	830.5
-57.5°	1452.3	1386.9	1324.2	1258.0	1188.7	1115.2	1038.6	958.5	885.8	816.7	748.6
-60°	1255.4	1200.3	1150.2	1096.9	1040.3	976.8	914.2	851.2	788.2	728.2	669.8
-62.5°	1077.6	1038.4	993.3	948.0	903.2	856.3	800.1	744.6	691.2	639.7	591.5
-65°	905.2	871.8	836.9	804.4	768.4	728.5	680.9	637.5	595.6	553.2	513.4
-67.5°	752.5	726.9	698.9	669.9	641.3	609.3	574.3	538.2	504.6	469.9	440.2
-70°	626.8	608.2	586.3	560.5	534.5	508.3	481.6	453.3	422.7	391.6	367.6
-72.5°	522.1	508.4	491.4	469.9	446.9	423.9	400.2	375.1	348.1	319.3	296.3
-75°	431.2	421.0	408.0	389.0	368.7	347.2	326.3	303.4	277.3	247.6	224.4
-77.5°	346.4	340.0	331.6	316.0	300.2	284.3	265.9	239.2	212.6	187.4	170.3
-80°	259.8	256.9	252.0	238.9	225.6	212.1	197.3	177.0	157.5	139.4	125.4
-82.5°	171.3	168.2	164.1	156.1	148.4	141.0	133.3	119.6	106.1	93.0	81.7
-85°	86.7	84.3	81.7	80.4	78.8	77.0	74.7	66.8	59.3	52.2	45.8
-87.5°	25.1	25.2	25.1	25.4	25.6	25.7	25.7	23.8	21.9	20.0	18.3
-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: P627672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-722-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°	1.2	1.2	1.1	1.0	1.0	0.9	0.8	0.8	0.7	0.6	0.5
85°	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.5	1.4	1.2	1.1
82.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.6
80°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
77.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
75°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
72.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
70°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.0	1.8	1.8	1.8
67.5°	1.8	1.8	1.8	1.9	1.8	1.8	1.8	2.3	2.4	1.8	1.8
65°	1.8	1.8	1.9	2.7	2.5	1.8	1.8	3.5	3.0	2.6	1.8
62.5°	3.6	1.8	4.8	6.4	4.1	3.3	2.7	7.7	4.9	3.5	2.5
60°	8.3	6.8	12.8	19.6	14.2	5.5	8.1	13.2	12.2	4.4	3.5
57.5°	42.7	19.5	28.8	37.5	35.7	20.1	16.3	22.6	20.6	12.0	4.7
55°	88.6	75.3	59.9	59.6	60.3	47.7	33.9	35.1	31.0	22.0	7.0
52.5°	134.6	130.5	116.2	94.6	86.9	78.5	64.3	49.7	46.1	32.9	17.3
50°	192.0	181.5	170.1	148.1	120.0	109.0	94.3	75.8	62.7	46.0	28.7
47.5°	257.5	239.3	222.2	200.8	170.1	141.2	124.7	102.9	81.0	63.2	40.2
45°	359.8	300.5	277.4	252.6	221.0	184.9	156.4	129.6	105.0	80.4	51.7
42.5°	464.9	382.3	333.9	306.0	272.9	232.2	189.4	159.3	128.6	97.6	65.3
40°	570.7	468.4	395.0	360.3	326.7	279.4	231.4	190.2	151.7	115.5	80.2
37.5°	685.0	564.8	465.5	416.6	381.2	330.2	274.1	221.9	175.5	134.9	95.0
35°	827.1	679.1	542.3	481.8	434.3	382.0	316.2	256.3	203.8	154.4	109.5
32.5°	987.1	805.2	652.2	552.9	488.2	434.8	361.2	295.0	232.9	173.8	123.7
30°	1146.1	935.0	756.5	623.4	545.6	484.1	409.1	334.0	262.6	193.3	138.2
27.5°	1267.5	1047.1	854.2	708.0	609.1	533.3	456.9	373.1	292.8	214.7	154.1
25°	1391.5	1150.8	949.0	790.9	671.3	583.5	502.8	412.3	325.0	239.3	169.6
22.5°	1536.3	1249.4	1028.9	865.7	737.2	634.4	546.5	452.0	357.5	263.6	184.7
20°	1678.0	1340.2	1102.5	953.0	809.3	691.2	589.5	489.9	389.3	287.6	199.3
17.5°	1823.3	1467.9	1224.5	1043.4	883.6	747.4	631.9	525.7	420.3	310.9	213.3
15°	2042.1	1638.5	1347.7	1132.7	955.6	802.4	673.5	559.5	450.1	333.5	225.8
12.5°	2248.4	1799.1	1467.1	1220.0	1024.6	855.8	713.8	591.2	478.5	352.2	236.2
10°	2430.7	1948.5	1581.5	1304.2	1090.2	907.1	752.4	616.1	495.4	367.1	245.5
7.5°	2589.4	2085.7	1689.4	1384.3	1146.1	941.8	772.1	629.1	508.2	380.2	253.7
5°	2710.8	2179.0	1748.7	1416.3	1167.1	957.6	786.1	639.6	518.3	391.5	260.7
2.5°	2750.9	2210.1	1772.1	1434.4	1182.5	969.0	796.9	647.6	526.1	400.7	266.5
0°	2769.4	2225.2	1784.2	1444.7	1191.9	976.0	804.4	653.2	531.4	407.8	271.2
-2.5°	2789.8	2245.7	1801.1	1460.8	1201.8	985.5	812.3	661.8	539.1	415.8	279.0
-5°	2788.3	2249.5	1806.6	1468.5	1205.7	990.7	816.9	668.0	544.6	421.6	285.5
-7.5°	2758.9	2232.0	1799.6	1467.0	1203.6	991.2	818.2	671.6	548.0	425.3	290.7
-10°	2706.2	2195.8	1779.3	1453.7	1195.6	986.9	816.2	672.7	549.4	426.9	294.3
-12.5°	2631.9	2144.3	1746.7	1432.0	1181.4	977.7	810.2	669.6	548.5	426.4	296.4
-15°	2536.5	2078.0	1701.7	1401.9	1160.9	963.9	800.6	663.1	543.7	423.2	296.8
-17.5°	2421.2	1997.4	1644.2	1363.5	1134.0	945.7	787.4	654.1	537.3	417.8	296.3
-20°	2314.1	1912.6	1577.9	1317.0	1100.7	923.0	770.6	642.6	529.2	410.9	294.9

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Scaled Data Report



REPORT NUMBER: P627672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-722-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°	2194.4	1824.5	1519.1	1272.4	1065.5	895.9	750.2	628.6	519.5	402.8	292.2
-25°	2057.4	1724.7	1451.9	1222.7	1031.2	870.0	729.2	612.3	508.5	393.6	288.3
-27.5°	1928.6	1621.7	1376.7	1165.4	991.7	840.1	708.5	597.2	495.7	383.3	283.2
-30°	1797.3	1532.0	1304.5	1105.4	948.0	806.8	685.1	580.9	481.3	374.3	277.0
-32.5°	1663.8	1434.3	1227.2	1053.5	905.7	771.1	659.6	563.5	466.3	365.4	271.8
-35°	1549.0	1338.1	1144.2	997.6	862.4	740.6	634.2	545.0	450.7	355.3	266.1
-37.5°	1426.9	1240.6	1079.6	942.0	816.0	707.3	609.9	523.3	434.8	344.0	259.2
-40°	1317.5	1149.6	1010.0	888.3	774.2	671.3	582.7	500.1	419.9	331.5	251.2
-42.5°	1206.2	1066.9	942.2	830.5	732.1	638.4	553.1	475.3	400.6	320.0	242.1
-45°	1108.7	982.1	871.9	778.0	688.3	602.4	524.1	449.6	379.9	308.2	232.5
-47.5°	1007.8	900.4	806.4	723.2	645.1	565.2	493.6	425.8	358.4	294.9	222.7
-50°	913.8	823.1	744.9	670.3	597.4	530.2	463.1	401.3	338.9	277.6	211.7
-52.5°	830.2	754.6	685.0	617.2	554.5	493.8	435.8	376.3	318.5	260.3	199.6
-55°	756.3	688.9	626.3	567.6	511.5	461.3	407.9	352.9	297.3	242.5	186.6
-57.5°	685.6	624.9	571.7	519.4	471.6	428.0	380.6	328.5	275.9	223.9	175.0
-60°	614.4	565.6	518.2	474.4	433.0	393.5	353.2	303.5	253.7	204.7	161.1
-62.5°	546.3	505.3	468.9	430.3	392.4	357.6	324.8	277.6	230.6	185.7	145.6
-65°	479.4	448.0	418.6	382.4	349.4	320.3	293.2	250.7	206.3	165.5	129.4
-67.5°	413.1	387.3	361.0	331.6	307.1	283.4	259.4	221.0	180.6	144.2	113.1
-70°	346.3	324.4	305.6	286.9	266.6	245.7	221.7	189.0	153.7	124.0	96.1
-72.5°	280.7	267.3	256.1	242.9	225.7	205.9	183.5	156.7	129.3	103.2	78.7
-75°	216.2	213.4	210.0	201.6	185.0	166.5	148.4	127.9	104.3	81.9	64.1
-77.5°	170.3	169.2	166.8	160.9	146.5	131.4	115.6	98.4	80.4	65.0	50.4
-80°	126.1	126.0	124.9	121.2	108.9	96.1	85.1	74.1	60.9	48.4	36.4
-82.5°	82.9	84.1	84.7	83.6	75.2	67.0	59.1	51.3	41.1	31.4	24.3
-85°	47.3	48.2	48.4	47.9	42.7	37.7	34.4	31.1	25.7	20.7	16.3
-87.5°	19.6	20.7	21.6	22.2	20.5	18.9	17.2	15.6	12.9	10.4	8.2
-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: P627672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-722-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°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
85°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
82.5°	1.4	1.2	0.9	0.7	0.5	0.2	0.0
80°	1.8	1.6	1.2	0.9	0.6	0.3	0.0
77.5°	1.8	1.8	1.6	1.2	0.8	0.4	0.0
75°	1.8	1.8	1.8	1.4	0.9	0.5	0.0
72.5°	1.8	1.8	1.8	1.6	1.1	0.5	0.0
70°	1.8	1.8	1.8	1.8	1.2	0.6	0.0
67.5°	2.0	1.8	1.8	1.8	1.4	0.7	0.0
65°	2.2	2.0	1.8	1.8	1.5	0.8	0.0
62.5°	2.5	2.4	1.8	1.8	1.7	0.8	0.0
60°	2.9	2.9	1.8	1.8	1.8	0.9	0.0
57.5°	5.0	3.5	2.3	1.8	1.8	1.0	0.0
55°	7.6	4.0	2.9	1.8	1.9	1.0	0.0
52.5°	10.6	5.1	3.5	1.8	1.9	1.1	0.0
50°	14.1	8.3	4.1	1.8	1.9	1.2	0.0
47.5°	18.8	11.7	4.8	1.9	2.0	1.2	0.0
45°	28.7	15.3	5.4	2.4	2.0	1.3	0.0
42.5°	38.7	19.2	6.1	3.0	2.1	1.3	0.0
40°	48.6	23.2	8.1	3.6	2.2	1.4	0.0
37.5°	58.4	27.4	11.2	4.4	2.2	1.4	0.0
35°	68.2	34.1	14.4	5.3	2.3	1.5	0.0
32.5°	78.5	41.8	17.7	6.2	2.4	1.5	0.0
30°	90.0	49.3	20.9	7.2	2.5	1.6	0.0
27.5°	101.2	56.6	24.6	8.3	2.6	1.6	0.0
25°	112.0	63.6	28.3	9.4	2.7	1.6	0.0
22.5°	122.3	70.4	31.9	10.5	2.8	1.7	0.0
20°	132.2	77.1	35.4	11.7	2.9	1.7	0.0
17.5°	141.3	83.3	38.8	12.8	3.0	1.7	0.0
15°	149.7	89.2	42.0	14.0	3.1	1.7	0.0
12.5°	157.4	94.6	45.1	15.2	3.2	1.8	0.0
10°	164.3	99.5	48.0	16.3	3.3	1.8	0.0
7.5°	170.5	104.0	50.6	17.4	3.4	1.8	0.0
5°	176.0	108.0	53.1	18.4	3.5	1.8	0.0
2.5°	180.6	111.5	55.3	19.4	3.6	1.8	0.0
0°	184.5	114.4	57.2	20.3	3.7	1.8	0.0
-2.5°	189.5	118.0	59.8	21.6	4.3	1.9	0.0
-5°	193.7	121.0	62.1	22.8	4.8	2.0	0.0
-7.5°	197.0	123.5	64.1	23.8	5.3	2.1	0.0
-10°	199.3	125.3	65.7	24.8	5.8	2.3	0.0
-12.5°	200.7	126.6	66.9	25.6	6.3	2.3	0.0
-15°	201.2	127.1	67.7	26.2	6.8	2.4	0.0
-17.5°	200.6	127.1	68.1	26.7	7.2	2.5	0.0
-20°	200.0	126.4	68.0	27.1	7.6	2.6	0.0

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REPORT NUMBER: P627672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-722-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	200.1	125.0	67.5	27.2	7.9	2.7	0.0
-25°	199.2	124.5	66.4	27.2	8.2	2.7	0.0
-27.5°	197.3	124.0	64.9	27.0	8.5	2.7	0.0
-30°	194.4	122.7	63.0	26.6	8.7	2.8	0.0
-32.5°	190.5	120.5	62.2	26.1	8.8	2.8	0.0
-35°	186.8	117.6	60.9	25.3	8.9	2.8	0.0
-37.5°	182.5	114.5	59.1	24.3	8.9	2.8	0.0
-40°	177.3	111.7	56.8	23.2	8.9	2.8	0.0
-42.5°	171.0	108.2	55.0	22.1	8.8	2.7	0.0
-45°	163.7	104.0	54.0	21.3	8.7	2.7	0.0
-47.5°	155.4	99.0	52.3	20.1	8.5	2.6	0.0
-50°	148.2	93.4	50.1	19.8	8.2	2.5	0.0
-52.5°	140.4	87.2	47.4	19.5	7.9	2.4	0.0
-55°	131.7	82.0	44.1	19.0	7.5	2.3	0.0
-57.5°	122.2	76.5	40.3	18.2	7.1	2.2	0.0
-60°	112.1	70.1	36.1	17.2	6.6	2.1	0.0
-62.5°	102.3	63.1	33.6	16.0	6.2	2.0	0.0
-65°	91.5	55.3	30.7	14.6	5.8	1.8	0.0
-67.5°	79.8	48.4	27.5	13.0	5.3	1.7	0.0
-70°	67.3	42.5	23.9	11.2	4.8	1.5	0.0
-72.5°	57.2	36.1	20.1	9.9	4.3	1.3	0.0
-75°	46.9	29.2	15.9	8.6	3.7	1.2	0.0
-77.5°	36.2	22.0	13.2	7.3	3.1	1.0	0.0
-80°	25.0	16.8	10.7	5.9	2.5	0.8	0.0
-82.5°	18.4	12.7	8.1	4.5	1.9	0.6	0.0
-85°	12.4	8.5	5.4	3.0	1.3	0.4	0.0
-87.5°	6.2	4.3	2.7	1.5	0.6	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)