

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: P627652 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-740-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627652 (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-SA5C-740-U-WR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (80) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

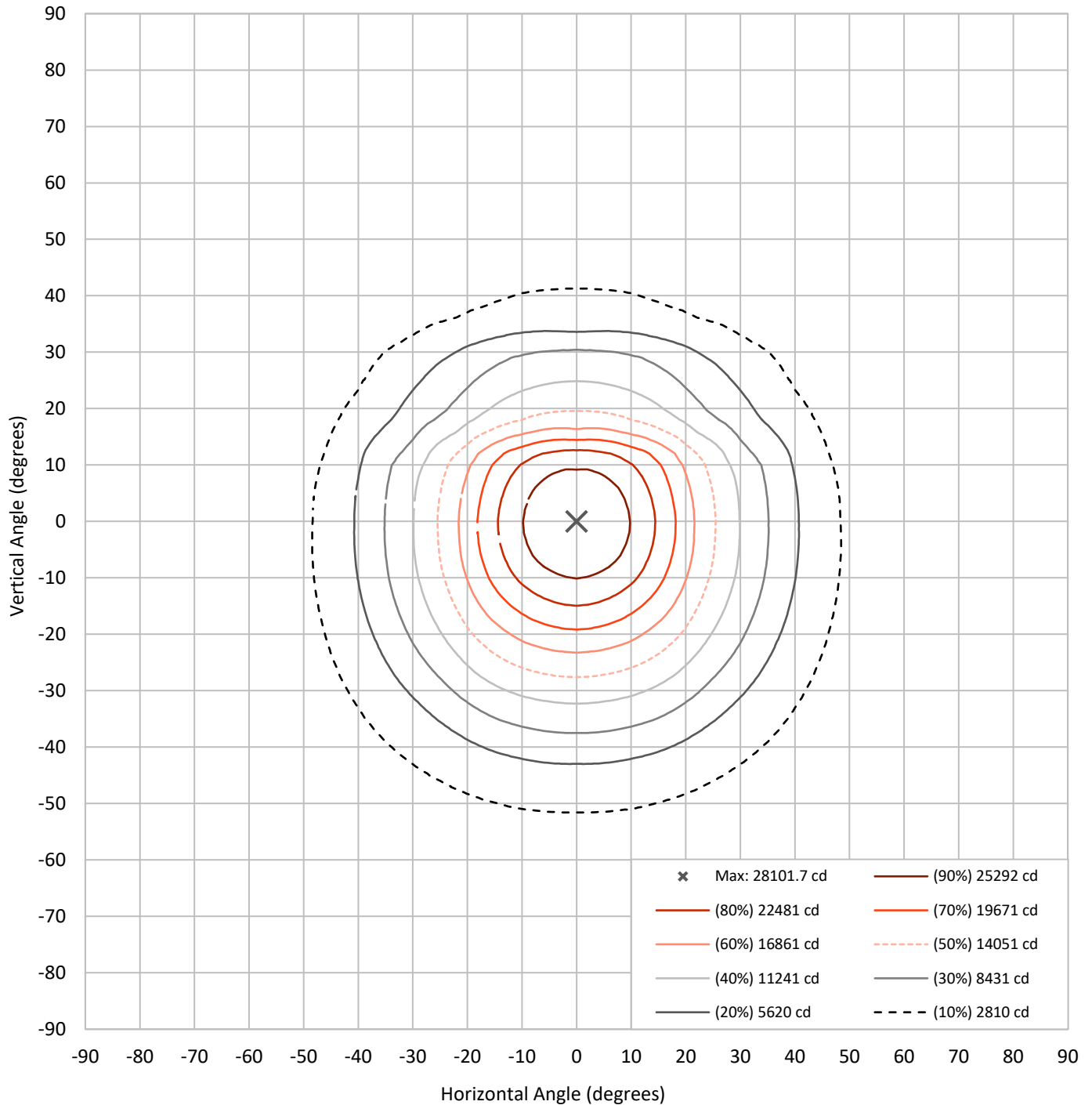
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	24791.8 lumens	Max Intensity:	28101.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	120.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	11936.1 lumens	Field Lumens:	22197.1 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	206.1		
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





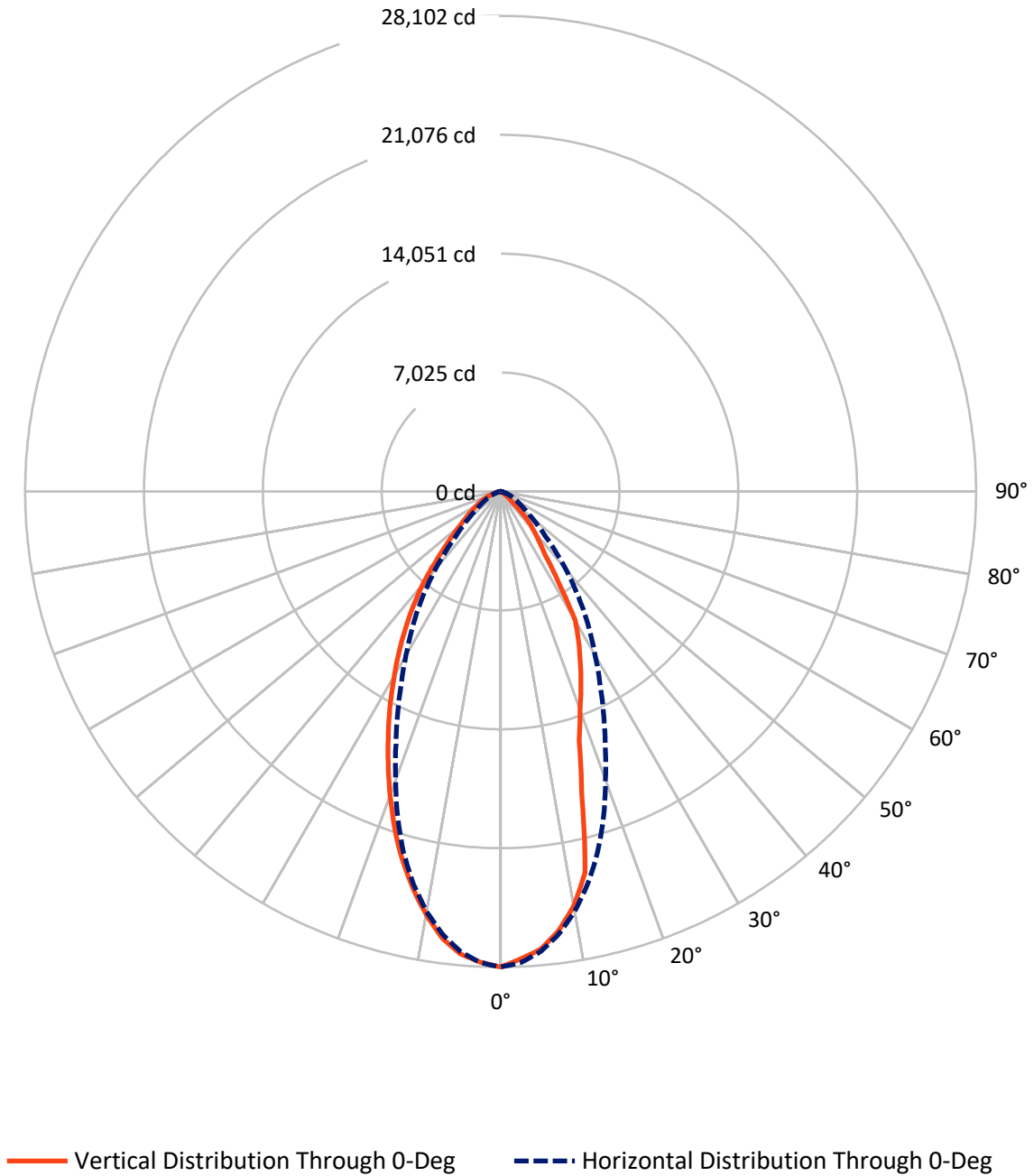
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Lumen Table

90																			
80	0.0	0.1		0.2		0.0		0.0		0.0		0.2		0.1		0.0			
70																			
60	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1			
50		0.5	1.3	2.3	3.9	5.7	7.8	8.8	8.8	7.8	5.7	3.9	2.3	1.3	0.5				
40	1.1	1.9	4.8	10.1	18.5	30.3	43.7	53.6	53.6	43.7	30.3	18.5	10.1	4.8	1.9	1.1			
30		3.8	9.7	22.4	46.3	85.0	130.0	156.3	156.3	130.0	85.0	46.3	22.4	9.7	3.8				
20	2.7	5.9	15.7	40.7	96.3	180.8	275.2	331.7	331.7	275.2	180.8	96.3	40.7	15.7	5.9	2.7			
10		8.0	22.4	63.8	158.4	293.0	457.8	566.0	566.0	457.8	293.0	158.4	63.8	22.4	8.0				
0	3.8	9.3	28.1	82.6	208.0	387.7	622.6	789.3	789.3	622.6	387.7	208.0	82.6	28.1	9.3	3.8			
-10		9.8	29.3	85.2	211.0	393.4	628.9	794.3	794.3	628.9	393.4	211.0	85.2	29.3	9.8				
-20	4.1	9.6	27.7	75.9	187.0	345.4	532.4	657.0	657.0	532.4	345.4	187.0	75.9	27.7	9.6	4.1			
-30		8.9	24.0	59.4	139.5	260.4	388.1	465.3	465.3	388.1	260.4	139.5	59.4	24.0	8.9				
-40	3.5	7.8	19.4	42.9	87.8	161.5	243.7	290.1	290.1	243.7	161.5	87.8	42.9	19.4	7.8	3.5			
-50		6.4	15.0	29.7	52.8	84.6	121.3	144.4	144.4	121.3	84.6	52.8	29.7	15.0	6.4				
-60	2.2	5.0	10.9	19.8	32.2	46.4	60.0	67.8	67.8	60.0	46.4	32.2	19.8	10.9	5.0	2.2			
-70		3.5	7.3	12.2	18.7	25.5	31.2	34.0	34.0	31.2	25.5	18.7	12.2	7.3	3.5				
-80																			
-90	0.6	7.1		18.2		32.6		29.7		32.6		18.2		7.1		0.6			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

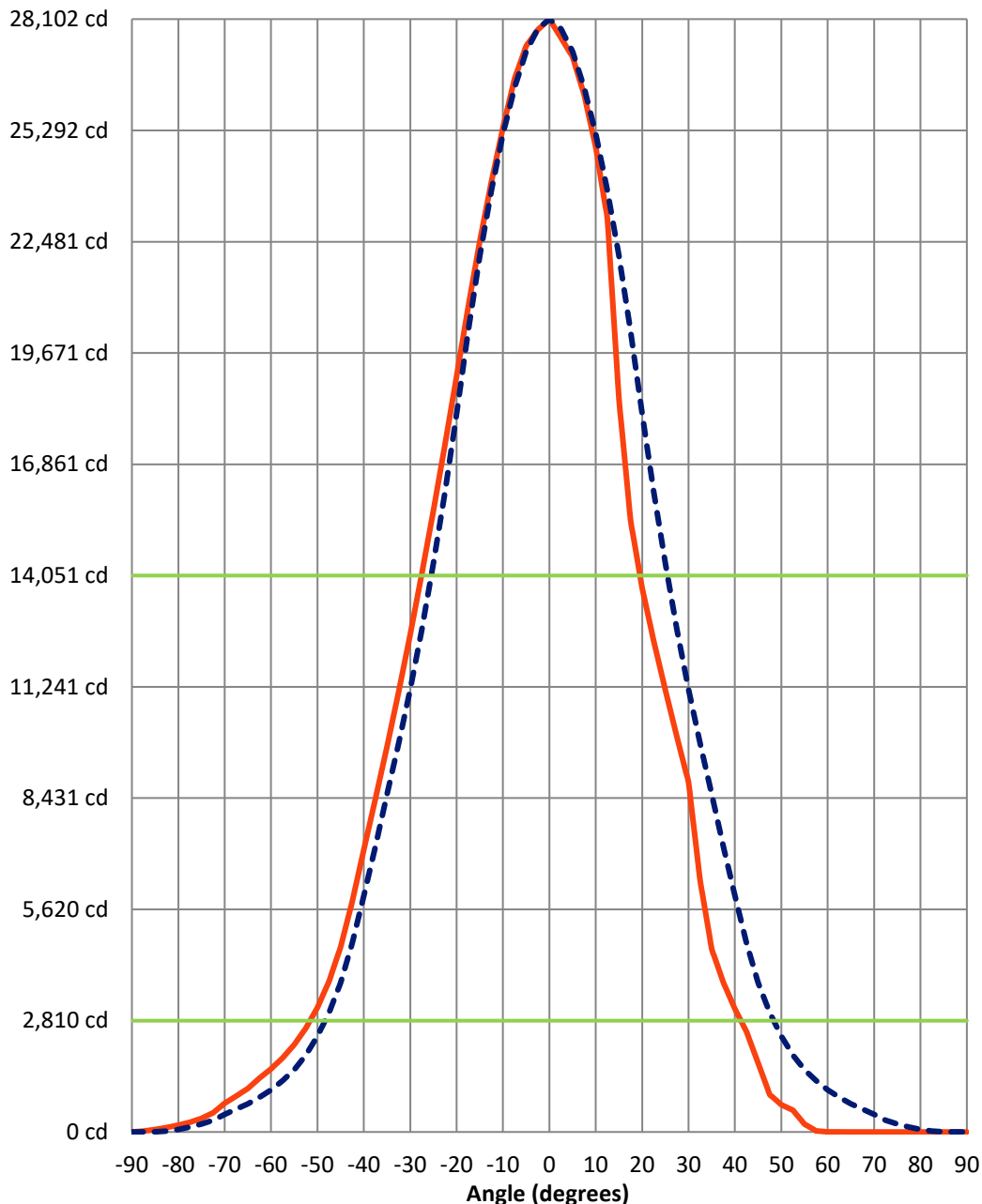
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 11936.1
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 22197.1
 Efficiency: 89.5%

Spill:
 Lumens: 2594.7
 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	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.8
85°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.5	1.7
82.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.0	2.0	2.0
80°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.0	2.0	2.0	2.0
77.5°	0.0	0.4	0.9	1.3	1.7	2.0	2.0	2.0	2.0	2.0	2.0
75°	0.0	0.5	1.0	1.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0
72.5°	0.0	0.6	1.2	1.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0
70°	0.0	0.7	1.4	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2
67.5°	0.0	0.8	1.5	2.0	2.0	2.0	2.2	2.0	2.0	2.6	2.5
65°	0.0	0.8	1.7	2.0	2.0	2.2	2.4	2.0	2.9	3.3	3.9
62.5°	0.0	0.9	1.8	2.0	2.0	2.7	2.7	2.7	3.8	5.4	8.4
60°	0.0	1.0	2.0	2.0	2.0	3.2	3.1	3.8	4.8	13.3	14.4
57.5°	0.0	1.1	2.0	2.0	2.6	3.8	5.4	5.2	13.1	22.4	24.6
55°	0.0	1.1	2.1	2.0	3.2	4.4	8.3	7.6	24.0	33.8	38.2
52.5°	0.0	1.2	2.1	2.0	3.8	5.5	11.6	18.8	35.8	50.1	54.0
50°	0.0	1.3	2.1	2.0	4.5	9.0	15.3	31.2	50.1	68.2	82.5
47.5°	0.0	1.4	2.2	2.1	5.2	12.7	20.4	43.7	68.8	88.2	111.9
45°	0.0	1.4	2.2	2.7	5.9	16.7	31.3	56.3	87.5	114.2	140.9
42.5°	0.0	1.5	2.3	3.2	6.6	20.8	42.1	71.1	106.3	139.9	173.2
40°	0.0	1.5	2.4	4.0	8.7	25.2	52.9	87.3	125.7	165.0	206.9
37.5°	0.0	1.6	2.5	4.8	12.2	29.8	63.6	103.3	146.7	190.9	241.4
35°	0.0	1.6	2.5	5.8	15.6	37.1	74.2	119.1	167.9	221.7	278.8
32.5°	0.0	1.7	2.6	6.8	19.2	45.5	85.4	134.6	189.1	253.4	320.9
30°	0.0	1.7	2.7	7.9	22.7	53.6	98.0	150.4	210.2	285.7	363.4
27.5°	0.0	1.8	2.8	9.0	26.7	61.6	110.1	167.6	233.5	318.6	406.0
25°	0.0	1.8	2.9	10.2	30.8	69.2	121.8	184.5	260.3	353.6	448.6
22.5°	0.0	1.8	3.0	11.4	34.7	76.6	133.1	201.0	286.8	389.0	491.8
20°	0.0	1.9	3.2	12.7	38.5	83.9	143.8	216.9	312.9	423.6	532.9
17.5°	0.0	1.9	3.3	13.9	42.2	90.7	153.7	232.1	338.3	457.2	571.9
15°	0.0	1.9	3.4	15.2	45.7	97.0	162.8	245.7	362.8	489.6	608.7
12.5°	0.0	2.0	3.5	16.5	49.0	102.9	171.2	257.0	383.2	520.6	643.2
10°	0.0	2.0	3.6	17.7	52.2	108.3	178.7	267.1	399.4	538.9	670.2
7.5°	0.0	2.0	3.7	18.9	55.1	113.2	185.5	276.0	413.7	552.8	684.4
5°	0.0	2.0	3.8	20.1	57.7	117.5	191.4	283.7	425.9	563.9	695.8
2.5°	0.0	2.0	3.9	21.1	60.1	121.3	196.5	290.0	435.9	572.3	704.6
0°	0.0	2.0	4.0	22.1	62.2	124.5	200.7	295.1	443.6	578.1	710.6
-2.5°	0.0	2.1	4.6	23.5	65.0	128.4	206.2	303.6	452.3	586.5	720.0
-5°	0.0	2.3	5.2	24.8	67.6	131.7	210.7	310.7	458.6	592.5	726.7
-7.5°	0.0	2.4	5.8	25.9	69.7	134.4	214.3	316.3	462.6	596.2	730.6
-10°	0.0	2.5	6.4	27.0	71.4	136.4	216.8	320.3	464.4	597.7	731.8
-12.5°	0.0	2.6	6.9	27.8	72.8	137.7	218.4	322.5	463.8	596.8	728.4
-15°	0.0	2.7	7.4	28.5	73.6	138.3	218.8	323.0	460.4	591.6	721.4
-17.5°	0.0	2.8	7.8	29.1	74.0	138.2	218.2	322.4	454.5	584.5	711.6
-20°	0.0	2.8	8.3	29.5	74.0	137.4	217.6	320.8	447.1	575.7	699.1

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA5C-740-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	2.9	8.6	29.6	73.4	135.9	217.7	317.9	438.2	565.2	683.9
-25°	0.0	3.0	9.0	29.6	72.2	135.4	216.7	313.7	428.2	553.2	666.1
-27.5°	0.0	3.0	9.2	29.4	70.6	134.8	214.7	308.1	417.0	539.2	649.7
-30°	0.0	3.0	9.4	29.0	68.6	133.4	211.5	301.3	407.2	523.6	632.0
-32.5°	0.0	3.0	9.6	28.4	67.7	131.1	207.2	295.7	397.5	507.2	613.0
-35°	0.0	3.0	9.7	27.6	66.3	127.9	203.2	289.5	386.5	490.3	592.9
-37.5°	0.0	3.0	9.7	26.5	64.3	124.5	198.6	282.1	374.2	473.0	569.2
-40°	0.0	3.0	9.7	25.3	61.8	121.5	192.9	273.3	360.7	456.8	544.0
-42.5°	0.0	3.0	9.6	24.1	59.9	117.7	186.0	263.4	348.2	435.8	517.0
-45°	0.0	2.9	9.4	23.2	58.7	113.1	178.1	253.0	335.3	413.2	489.1
-47.5°	0.0	2.8	9.2	21.9	57.0	107.7	169.1	242.3	320.9	390.0	463.2
-50°	0.0	2.8	8.9	21.5	54.6	101.7	161.2	230.4	302.1	368.7	436.5
-52.5°	0.0	2.7	8.6	21.2	51.6	94.8	152.7	217.2	283.3	346.5	409.4
-55°	0.0	2.6	8.2	20.7	48.0	89.3	143.3	203.0	263.9	323.5	383.9
-57.5°	0.0	2.4	7.7	19.8	43.9	83.2	133.0	190.4	243.6	300.2	357.4
-60°	0.0	2.3	7.2	18.7	39.3	76.3	122.0	175.2	222.7	276.0	330.2
-62.5°	0.0	2.2	6.8	17.4	36.6	68.7	111.3	158.4	202.0	250.9	302.0
-65°	0.0	2.0	6.3	15.9	33.5	60.2	99.6	140.7	180.0	224.5	272.8
-67.5°	0.0	1.8	5.8	14.1	29.9	52.7	86.8	123.0	156.8	196.5	240.4
-70°	0.0	1.6	5.2	12.1	26.0	46.2	73.2	104.6	134.9	167.2	205.6
-72.5°	0.0	1.5	4.6	10.7	21.8	39.2	62.2	85.6	112.3	140.6	170.5
-75°	0.0	1.3	4.0	9.3	17.3	31.8	51.1	69.8	89.1	113.4	139.1
-77.5°	0.0	1.1	3.4	7.9	14.3	23.9	39.4	54.8	70.7	87.5	107.0
-80°	0.0	0.9	2.7	6.4	11.6	18.3	27.2	39.6	52.6	66.3	80.6
-82.5°	0.0	0.6	2.1	4.8	8.8	13.8	20.0	26.5	34.2	44.7	55.8
-85°	0.0	0.4	1.4	3.3	5.9	9.3	13.4	17.7	22.5	27.9	33.8
-87.5°	0.0	0.2	0.7	1.6	3.0	4.7	6.7	8.9	11.3	14.0	16.9
-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°	0.9	1.0	1.1	1.1	1.2	1.3	1.4	1.4	1.5	1.5	1.6
85°	1.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
82.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
80°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
77.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
75°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
72.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
70°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.7
67.5°	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	1.5	1.0
65°	2.0	2.0	2.7	3.0	2.1	2.0	2.0	2.0	2.1	1.8	1.8
62.5°	2.9	3.6	4.5	7.0	5.2	2.0	3.9	4.6	3.1	2.5	2.7
60°	8.8	6.0	15.4	21.4	14.0	7.4	9.1	18.2	15.0	4.1	10.6
57.5°	17.7	21.8	38.9	40.8	31.4	21.2	46.5	51.5	42.7	26.8	38.6
55°	36.9	51.9	65.6	64.9	65.3	82.0	96.4	94.6	83.4	115.0	144.9
52.5°	69.9	85.5	94.6	103.0	126.4	142.0	146.5	155.3	188.0	227.2	234.2
50°	102.6	118.6	130.6	161.1	185.1	197.5	208.9	238.8	288.3	315.2	319.5
47.5°	135.7	153.6	185.1	218.5	241.7	260.3	280.2	348.2	403.4	426.3	434.6
45°	170.2	201.2	240.5	274.8	301.7	326.9	391.5	484.4	523.3	558.3	647.5
42.5°	206.1	252.7	297.0	332.9	363.2	415.9	505.8	595.8	651.5	726.0	833.8
40°	251.8	304.0	355.4	391.9	429.8	509.6	620.8	716.1	775.0	875.1	997.9
37.5°	298.2	359.2	414.7	453.3	506.5	614.5	745.2	859.3	932.3	1013.8	1211.2
35°	344.1	415.6	472.5	524.2	590.0	738.8	899.9	1026.9	1117.1	1256.7	1506.5
32.5°	393.0	473.0	531.2	601.6	709.6	876.0	1073.8	1214.9	1364.5	1565.3	1965.4
30°	445.1	526.7	593.6	678.2	823.1	1017.2	1246.8	1424.1	1627.2	1953.3	2384.5
27.5°	497.0	580.2	662.6	770.2	929.4	1139.1	1379.0	1658.4	1920.8	2285.4	2756.9
25°	547.0	634.8	730.3	860.4	1032.4	1252.0	1513.9	1836.2	2178.7	2595.7	3149.3
22.5°	594.6	690.2	802.0	941.8	1119.4	1359.2	1671.4	2050.0	2461.6	2893.6	3529.8
20°	641.3	752.0	880.4	1036.9	1199.4	1458.1	1825.5	2284.0	2799.9	3391.7	4015.1
17.5°	687.5	813.1	961.3	1135.2	1332.2	1596.9	1983.5	2529.4	3157.2	3927.4	4695.0
15°	732.7	873.0	1039.6	1232.3	1466.1	1782.5	2221.7	2821.6	3580.1	4502.5	5411.7
12.5°	776.6	931.1	1114.7	1327.3	1596.1	1957.2	2446.1	3093.4	3962.5	5064.4	6181.4
10°	818.6	986.9	1186.0	1418.9	1720.5	2119.8	2644.5	3328.4	4250.9	5386.5	6628.8
7.5°	840.0	1024.6	1246.9	1506.0	1837.9	2269.1	2817.1	3527.0	4476.3	5645.6	6891.2
5°	855.3	1041.9	1269.8	1540.8	1902.4	2370.6	2949.1	3689.4	4642.4	5840.5	7068.9
2.5°	867.1	1054.2	1286.4	1560.5	1927.9	2404.4	2992.8	3746.1	4731.4	5942.2	7172.5
0°	875.2	1061.8	1296.7	1571.7	1941.0	2420.8	3012.9	3769.6	4769.3	5965.6	7210.1
-2.5°	883.8	1072.2	1307.5	1589.2	1959.5	2443.1	3035.1	3786.3	4797.6	5972.1	7230.5
-5°	888.7	1077.8	1311.8	1597.6	1965.4	2447.2	3033.5	3770.5	4775.0	5925.2	7186.2
-7.5°	890.1	1078.4	1309.4	1595.9	1957.9	2428.2	3001.4	3723.4	4697.2	5830.3	7077.7
-10°	887.9	1073.7	1300.8	1581.5	1935.8	2388.8	2944.1	3641.9	4569.2	5673.7	6894.4
-12.5°	881.4	1063.6	1285.3	1557.8	1900.3	2332.8	2863.3	3525.6	4391.5	5456.1	6635.9
-15°	871.0	1048.7	1262.9	1525.1	1851.3	2260.6	2759.5	3374.7	4162.7	5179.3	6314.0
-17.5°	856.6	1028.8	1233.6	1483.4	1788.8	2173.0	2634.0	3198.1	3916.0	4870.4	5956.1
-20°	838.3	1004.1	1197.4	1432.7	1716.6	2080.7	2517.5	3041.6	3685.1	4516.8	5533.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627652 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-740-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°	816.1	974.7	1159.1	1384.2	1652.6	1984.9	2387.3	2864.3	3426.1	4108.0	5073.0
-25°	793.3	946.5	1121.9	1330.2	1579.5	1876.3	2238.3	2672.9	3181.7	3805.8	4603.6
-27.5°	770.8	914.0	1078.8	1267.9	1497.7	1764.3	2098.2	2494.4	2947.9	3478.6	4128.3
-30°	745.4	877.8	1031.3	1202.6	1419.1	1666.7	1955.3	2294.8	2698.0	3177.6	3742.3
-32.5°	717.6	838.9	985.4	1146.1	1335.1	1560.3	1810.0	2117.1	2467.9	2863.5	3351.7
-35°	690.0	805.7	938.3	1085.3	1244.8	1455.8	1685.2	1939.9	2238.3	2588.6	2979.0
-37.5°	663.5	769.5	887.7	1024.8	1174.5	1349.6	1552.3	1782.3	2039.2	2317.9	2655.1
-40°	633.9	730.4	842.3	966.5	1098.8	1250.6	1433.4	1628.5	1849.7	2094.9	2355.4
-42.5°	601.7	694.5	796.6	903.6	1025.0	1160.7	1312.2	1490.7	1674.4	1879.9	2107.3
-45°	570.2	655.4	748.8	846.5	948.6	1068.5	1206.1	1354.7	1517.5	1685.2	1876.2
-47.5°	537.0	614.8	701.8	786.9	877.4	979.6	1096.4	1231.2	1367.0	1516.3	1664.4
-50°	503.8	576.8	649.9	729.3	810.4	895.5	994.2	1110.5	1234.1	1358.0	1488.3
-52.5°	474.0	537.2	603.2	671.4	745.3	821.0	903.2	999.1	1107.2	1216.4	1328.7
-55°	443.7	501.9	556.4	617.5	681.4	749.5	822.9	903.5	985.1	1084.5	1181.2
-57.5°	414.0	465.6	513.0	565.1	621.9	679.8	745.9	814.5	888.5	963.6	1042.7
-60°	384.2	428.1	471.1	516.1	563.8	615.3	668.5	728.7	792.3	857.5	926.0
-62.5°	353.4	389.0	426.9	468.2	510.1	549.7	594.3	643.6	696.0	752.0	810.1
-65°	319.0	348.5	380.1	416.0	455.4	487.4	521.5	558.5	601.8	648.0	693.6
-67.5°	282.2	308.3	334.1	360.8	392.7	421.4	449.5	478.9	511.2	548.9	585.5
-70°	241.2	267.3	290.1	312.2	332.5	352.9	376.7	399.9	426.0	459.9	493.1
-72.5°	199.6	224.0	245.6	264.3	278.6	290.8	305.4	322.3	347.3	378.7	408.1
-75°	161.5	181.2	201.3	219.3	228.5	232.2	235.2	244.1	269.4	301.6	330.1
-77.5°	125.7	142.9	159.3	175.0	181.5	184.0	185.3	185.2	203.9	231.3	260.2
-80°	92.6	104.5	118.5	131.9	135.8	137.0	137.2	136.3	151.6	171.4	192.5
-82.5°	64.3	72.9	81.8	90.9	92.2	91.5	90.2	88.9	101.2	115.5	130.1
-85°	37.5	41.1	46.5	52.1	52.8	52.5	51.5	49.9	56.8	64.5	72.7
-87.5°	18.8	20.6	22.4	24.2	23.6	22.6	21.4	19.9	21.8	23.8	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: P627652 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-740-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°	1.6	1.3	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.0	1.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	2.0	1.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.0	1.6	1.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	2.0	1.6	1.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	2.0	1.7	1.2	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2.0	1.7	1.2	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.2	0.5	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.9	1.0	1.0	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.1	2.0	1.5	1.0	0.5	0.4	0.5	0.4	0.2	0.0	0.0
62.5°	2.6	2.5	1.8	1.7	1.8	2.0	1.6	1.4	1.3	1.4	1.6
60°	11.3	6.5	6.6	8.4	7.2	3.3	6.5	8.3	7.7	5.9	5.1
57.5°	57.6	48.3	33.7	56.5	58.2	40.5	44.0	57.4	55.6	43.0	42.8
55°	145.1	147.3	158.1	172.4	183.0	187.9	192.2	213.8	236.8	259.4	270.7
52.5°	239.8	267.8	302.7	325.8	341.9	375.0	421.3	442.5	463.2	486.6	503.6
50°	353.1	401.9	436.9	442.0	497.0	532.7	541.1	581.0	624.4	651.4	670.8
47.5°	525.4	587.0	617.5	637.0	704.0	777.4	777.4	800.3	909.1	965.9	993.3
45°	756.7	808.1	862.1	1002.3	1131.3	1172.2	1259.7	1378.4	1455.4	1561.5	1678.2
42.5°	953.7	1050.3	1185.5	1339.9	1469.1	1576.7	1706.8	1849.4	2020.6	2181.7	2320.7
40°	1148.7	1268.2	1435.6	1603.6	1766.3	1915.4	2125.1	2308.5	2510.5	2732.1	2916.7
37.5°	1403.1	1556.0	1729.0	1940.9	2194.2	2359.7	2648.1	2911.6	3139.2	3406.8	3571.6
35°	1793.8	1993.1	2146.3	2574.5	2882.7	3076.2	3417.7	3850.7	4016.9	4353.9	4513.8
32.5°	2285.0	2549.9	2953.2	3520.2	3931.7	4288.0	4798.4	5237.8	5612.3	5950.7	6302.7
30°	2837.0	3245.9	3840.2	4593.5	5011.5	5510.7	6200.9	6721.8	7309.2	7953.8	8179.7
27.5°	3337.9	3950.3	4640.4	5250.6	5850.9	6472.5	7150.7	7820.0	8455.7	8992.1	9352.1
25°	3802.2	4543.8	5214.4	5866.5	6517.0	7217.1	7984.2	8743.2	9442.7	9994.7	10414.4
22.5°	4281.0	5064.5	5781.9	6443.7	7200.3	7993.7	8809.4	9680.0	10476.1	11048.7	11505.9
20°	4731.3	5602.6	6421.0	7174.4	7889.7	8805.5	9744.8	10668.3	11535.2	12217.3	12744.5
17.5°	5445.9	6202.3	7202.6	8181.3	8987.1	9828.3	11083.5	12036.6	12998.7	13815.6	14374.4
15°	6323.6	7155.3	8188.1	9532.2	10636.3	11600.2	12896.9	14447.4	15582.1	16625.0	17340.5
12.5°	7201.9	8142.7	9259.8	10772.4	12344.3	13479.8	15052.9	17017.7	18339.3	19954.0	20750.0
10°	7875.1	9056.5	10206.9	11587.3	13096.9	14713.8	16409.7	18247.8	20013.7	21400.2	22639.6
7.5°	8146.1	9404.5	10736.3	12144.7	13654.2	15323.0	17130.4	19043.1	20860.5	22409.1	23771.1
5°	8348.7	9638.1	10978.7	12418.9	14032.5	15775.1	17609.5	19617.6	21473.6	23133.4	24526.9
2.5°	8477.5	9779.0	11113.8	12578.0	14275.1	16069.4	17962.8	20024.1	21908.0	23616.7	25005.6
0°	8526.9	9809.5	11176.5	12683.9	14364.0	16162.5	18137.7	20223.2	22122.1	23774.1	25203.2
-2.5°	8533.6	9781.1	11180.6	12680.6	14288.2	16103.5	18102.5	20170.7	22031.0	23676.3	25118.3
-5°	8466.6	9713.6	11114.3	12591.7	14201.5	16003.2	17916.3	19914.9	21689.1	23290.4	24678.7
-7.5°	8330.8	9574.4	10944.1	12387.7	13954.1	15701.7	17539.1	19397.2	21137.7	22673.5	23998.4
-10°	8129.4	9346.7	10669.1	12075.6	13557.7	15220.0	16972.1	18747.3	20379.6	21799.8	23024.9
-12.5°	7856.5	9045.8	10308.5	11651.3	13030.9	14615.7	16270.1	17937.2	19424.9	20721.5	21820.7
-15°	7502.2	8663.7	9886.4	11156.2	12494.1	13927.3	15412.0	16941.2	18313.2	19463.1	20467.3
-17.5°	7084.7	8211.3	9372.4	10549.6	11819.0	13163.6	14541.9	15914.6	17084.8	18106.3	19024.6
-20°	6619.3	7704.8	8807.7	9905.1	11056.8	12300.4	13573.3	14779.1	15801.7	16729.9	17570.2



REPORT NUMBER: P627652 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-740-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°	6097.5	7136.5	8193.7	9220.6	10259.2	11385.2	12522.1	13612.4	14569.0	15363.0	16093.2
-25°	5539.0	6499.0	7497.3	8460.1	9416.1	10425.1	11457.7	12460.9	13302.8	13992.1	14595.5
-27.5°	4976.2	5853.4	6733.0	7639.5	8523.0	9454.2	10389.0	11255.5	12011.3	12646.0	13153.1
-30°	4384.6	5168.8	5972.1	6792.2	7635.9	8488.0	9332.7	10091.4	10751.2	11309.5	11747.7
-32.5°	3892.9	4488.7	5197.8	5942.4	6733.3	7509.6	8244.4	8936.0	9557.7	10045.1	10416.8
-35°	3421.7	3926.2	4457.3	5116.3	5795.8	6510.2	7186.2	7803.3	8357.5	8783.5	9133.1
-37.5°	3016.6	3415.6	3864.7	4335.2	4904.9	5495.5	6105.5	6686.0	7180.2	7551.8	7864.0
-40°	2665.9	2981.0	3339.9	3712.8	4131.9	4556.2	5087.4	5577.3	5980.7	6328.0	6610.9
-42.5°	2348.9	2614.8	2879.8	3185.8	3502.0	3843.0	4215.8	4578.1	4887.7	5178.4	5418.7
-45°	2075.3	2287.6	2498.9	2735.2	2967.4	3244.8	3511.1	3748.7	3999.5	4217.1	4388.4
-47.5°	1836.1	2001.6	2182.7	2359.5	2546.0	2754.9	2953.1	3133.9	3317.6	3476.8	3604.4
-50°	1623.4	1760.6	1908.5	2047.4	2198.2	2351.0	2497.6	2641.4	2781.0	2902.1	2996.3
-52.5°	1437.2	1557.1	1672.3	1783.0	1902.9	2016.0	2122.1	2240.8	2350.0	2445.4	2509.9
-55°	1278.8	1376.7	1471.1	1563.5	1654.1	1739.9	1824.4	1916.6	2000.9	2076.7	2124.7
-57.5°	1129.9	1213.3	1293.2	1368.7	1440.6	1508.8	1580.0	1650.9	1715.8	1773.0	1810.1
-60°	994.5	1062.6	1131.8	1193.3	1251.4	1305.8	1365.8	1422.5	1474.9	1518.9	1544.6
-62.5°	870.5	931.6	982.6	1031.3	1080.7	1129.7	1172.3	1214.2	1254.6	1288.7	1311.1
-65°	740.8	792.5	836.0	875.1	910.5	948.5	984.8	1017.7	1046.9	1069.0	1083.2
-67.5°	624.7	662.8	697.6	728.7	760.3	790.8	818.7	843.6	865.5	881.0	891.2
-70°	523.9	553.0	581.5	609.8	637.9	661.6	681.9	700.5	717.4	724.5	727.6
-72.5°	435.4	461.2	486.2	511.2	534.5	553.1	568.0	581.7	594.0	583.4	564.9
-75°	355.0	377.8	401.2	423.2	443.8	458.0	469.1	479.2	488.5	465.5	433.9
-77.5°	289.3	309.3	326.6	343.8	360.8	369.9	376.9	383.8	390.4	364.7	332.4
-80°	214.7	230.8	245.4	259.9	274.1	279.5	282.6	284.7	285.9	264.0	238.6
-82.5°	145.0	153.4	161.5	169.9	178.5	183.0	186.4	189.0	190.9	175.3	157.8
-85°	81.3	83.8	85.8	87.5	88.9	91.7	94.4	96.9	99.2	91.8	83.6
-87.5°	27.9	27.9	27.8	27.6	27.3	27.3	27.3	27.3	27.1	26.0	24.7
-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: P627652 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-740-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°	1.8	1.9	2.0	2.0	2.0	1.9	1.8	1.6	1.4	1.3	1.4
60°	3.9	2.4	2.0	2.0	2.0	2.4	3.9	5.1	5.9	7.7	8.3
57.5°	39.9	34.8	31.2	28.1	31.2	34.8	39.9	42.8	43.0	55.6	57.4
55°	265.9	247.5	225.1	198.7	225.1	247.5	265.9	270.7	259.4	236.8	213.8
52.5°	521.5	538.8	548.9	548.0	548.9	538.8	521.5	503.6	486.6	463.2	442.5
50°	686.4	695.9	696.4	688.5	696.4	695.9	686.4	670.8	651.4	624.4	581.0
47.5°	1005.7	992.5	969.8	945.4	969.8	992.5	1005.7	993.3	965.9	909.1	800.3
45°	1754.9	1797.2	1794.4	1740.3	1794.4	1797.2	1754.9	1678.2	1561.5	1455.4	1378.4
42.5°	2398.3	2461.6	2506.4	2529.2	2506.4	2461.6	2398.3	2320.7	2181.7	2020.6	1849.4
40°	3020.7	3081.8	3108.8	3107.2	3108.8	3081.8	3020.7	2916.7	2732.1	2510.5	2308.5
37.5°	3678.5	3757.6	3795.9	3777.7	3795.9	3757.6	3678.5	3571.6	3406.8	3139.2	2911.6
35°	4583.0	4657.0	4658.4	4620.7	4658.4	4657.0	4583.0	4513.8	4353.9	4016.9	3850.7
32.5°	6582.1	6606.9	6416.5	6349.0	6416.5	6606.9	6582.1	6302.7	5950.7	5612.3	5237.8
30°	8404.4	8580.1	8743.5	8826.0	8743.5	8580.1	8404.4	8179.7	7953.8	7309.2	6721.8
27.5°	9623.5	9834.8	9965.8	9974.1	9965.8	9834.8	9623.5	9352.1	8992.1	8455.7	7820.0
25°	10732.3	10968.7	11111.5	11160.4	11111.5	10968.7	10732.3	10414.4	9994.7	9442.7	8743.2
22.5°	11894.0	12172.5	12357.1	12394.9	12357.1	12172.5	11894.0	11505.9	11048.7	10476.1	9680.0
20°	13241.8	13566.0	13743.0	13735.7	13743.0	13566.0	13241.8	12744.5	12217.3	11535.2	10668.3
17.5°	15016.2	15363.9	15516.7	15449.9	15516.7	15363.9	15016.2	14374.4	13815.6	12998.7	12036.6
15°	18074.9	18802.2	18799.3	18509.0	18799.3	18802.2	18074.9	17340.5	16625.0	15582.1	14447.4
12.5°	21847.7	22389.7	22945.9	23065.5	22945.9	22389.7	21847.7	20750.0	19954.0	18339.3	17017.7
10°	23683.5	24403.4	24878.6	24866.0	24878.6	24403.4	23683.5	22639.6	21400.2	20013.7	18247.8
7.5°	24832.1	25627.4	26203.2	26190.8	26203.2	25627.4	24832.1	23771.1	22409.1	20860.5	19043.1
5°	25718.4	26600.6	27110.5	27148.3	27110.5	26600.6	25718.4	24526.9	23133.4	21473.6	19617.6
2.5°	26178.9	27099.6	27712.8	27632.0	27712.8	27099.6	26178.9	25005.6	23616.7	21908.0	20024.1
0°	26371.5	27282.8	27854.8	28101.7	27854.8	27282.8	26371.5	25203.2	23774.1	22122.1	20223.2
-2.5°	26287.4	27174.1	27806.3	27830.8	27806.3	27174.1	26287.4	25118.3	23676.3	22031.0	20170.7
-5°	25837.0	26772.7	27196.3	27421.3	27196.3	26772.7	25837.0	24678.7	23290.4	21689.1	19914.9
-7.5°	25110.6	25811.8	26349.9	26598.3	26349.9	25811.8	25110.6	23998.4	22673.5	21137.7	19397.2
-10°	23980.1	24706.1	25160.8	25365.8	25160.8	24706.1	23980.1	23024.9	21799.8	20379.6	18747.3
-12.5°	22727.8	23387.5	23819.8	23992.9	23819.8	23387.5	22727.8	21820.7	20721.5	19424.9	17937.2
-15°	21330.6	21929.6	22327.5	22493.4	22327.5	21929.6	21330.6	20467.3	19463.1	18313.2	16941.2
-17.5°	19792.5	20317.4	20713.8	20833.4	20713.8	20317.4	19792.5	19024.6	18106.3	17084.8	15914.6
-20°	18210.9	18685.4	19012.0	19083.1	19012.0	18685.4	18210.9	17570.2	16729.9	15801.7	14779.1



REPORT NUMBER: P627652 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-740-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°	16617.4	17008.3	17273.5	17362.9	17273.5	17008.3	16617.4	16093.2	15363.0	14569.0	13612.4
-25°	15060.0	15397.4	15610.9	15690.8	15610.9	15397.4	15060.0	14595.5	13992.1	13302.8	12460.9
-27.5°	13562.2	13876.7	14072.8	14099.0	14072.8	13876.7	13562.2	13153.1	12646.0	12011.3	11255.5
-30°	12088.4	12348.2	12499.4	12563.5	12499.4	12348.2	12088.4	11747.7	11309.5	10751.2	10091.4
-32.5°	10711.2	10938.1	11074.0	11110.2	11074.0	10938.1	10711.2	10416.8	10045.1	9557.7	8936.0
-35°	9411.0	9620.5	9740.9	9731.2	9740.9	9620.5	9411.0	9133.1	8783.5	8357.5	7803.3
-37.5°	8122.1	8315.5	8424.7	8414.5	8424.7	8315.5	8122.1	7864.0	7551.8	7180.2	6686.0
-40°	6843.5	7010.3	7106.5	7129.8	7106.5	7010.3	6843.5	6610.9	6328.0	5980.7	5577.3
-42.5°	5618.5	5772.5	5849.4	5819.1	5849.4	5772.5	5618.5	5418.7	5178.4	4887.7	4578.1
-45°	4508.2	4587.9	4640.3	4672.9	4640.3	4587.9	4508.2	4388.4	4217.1	3999.5	3748.7
-47.5°	3697.9	3763.9	3799.6	3805.8	3799.6	3763.9	3697.9	3604.4	3476.8	3317.6	3133.9
-50°	3069.5	3125.7	3150.5	3143.4	3150.5	3125.7	3069.5	2996.3	2902.1	2781.0	2641.4
-52.5°	2556.3	2588.9	2610.8	2621.5	2610.8	2588.9	2556.3	2509.9	2445.4	2350.0	2240.8
-55°	2160.8	2186.2	2201.0	2206.0	2201.0	2186.2	2160.8	2124.7	2076.7	2000.9	1916.6
-57.5°	1841.0	1865.2	1873.9	1870.8	1873.9	1865.2	1841.0	1810.1	1773.0	1715.8	1650.9
-60°	1564.4	1578.2	1588.5	1593.8	1588.5	1578.2	1564.4	1544.6	1518.9	1474.9	1422.5
-62.5°	1328.9	1341.9	1352.6	1358.9	1352.6	1341.9	1328.9	1311.1	1288.7	1254.6	1214.2
-65°	1093.1	1098.8	1100.4	1098.0	1100.4	1098.8	1093.1	1083.2	1069.0	1046.9	1017.7
-67.5°	898.8	903.6	906.8	907.3	906.8	903.6	898.8	891.2	881.0	865.5	843.6
-70°	730.6	732.7	730.3	724.6	730.3	732.7	730.6	727.6	724.5	717.4	700.5
-72.5°	545.8	525.8	505.9	483.8	505.9	525.8	545.8	564.9	583.4	594.0	581.7
-75°	401.2	367.4	355.1	343.2	355.1	367.4	401.2	433.9	465.5	488.5	479.2
-77.5°	298.5	263.2	253.8	244.9	253.8	263.2	298.5	332.4	364.7	390.4	383.8
-80°	212.1	184.6	178.5	172.6	178.5	184.6	212.1	238.6	264.0	285.9	284.7
-82.5°	139.3	120.1	116.3	112.4	116.3	120.1	139.3	157.8	175.3	190.9	189.0
-85°	75.0	65.9	64.1	62.2	64.1	65.9	75.0	83.6	91.8	99.2	96.9
-87.5°	23.4	22.0	22.1	22.1	22.1	22.0	23.4	24.7	26.0	27.1	27.3
-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: P627652 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-740-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	0.9	1.3	1.6	1.6	1.5	1.5	1.4
85°	0.0	0.0	0.0	0.5	1.0	1.5	2.0	2.0	2.0	2.0	2.0
82.5°	0.0	0.0	0.0	0.5	1.0	1.5	2.0	2.0	2.0	2.0	2.0
80°	0.0	0.0	0.1	0.6	1.1	1.6	2.0	2.0	2.0	2.0	2.0
77.5°	0.0	0.0	0.1	0.6	1.1	1.6	2.0	2.0	2.0	2.0	2.0
75°	0.0	0.0	0.2	0.7	1.2	1.7	2.0	2.0	2.0	2.0	2.0
72.5°	0.0	0.0	0.1	0.6	1.2	1.7	2.0	2.0	2.0	2.0	2.0
70°	0.0	0.0	0.1	0.1	0.1	0.5	1.2	1.7	2.0	2.0	2.0
67.5°	0.0	0.0	0.4	0.8	1.0	1.0	0.9	1.0	1.5	2.0	2.0
65°	0.5	0.4	0.5	1.0	1.5	2.0	2.1	1.8	1.8	2.1	2.0
62.5°	1.6	2.0	1.8	1.7	1.8	2.5	2.6	2.7	2.5	3.1	4.6
60°	6.5	3.3	7.2	8.4	6.6	6.5	11.3	10.6	4.1	15.0	18.2
57.5°	44.0	40.5	58.2	56.5	33.7	48.3	57.6	38.6	26.8	42.7	51.5
55°	192.2	187.9	183.0	172.4	158.1	147.3	145.1	144.9	115.0	83.4	94.6
52.5°	421.3	375.0	341.9	325.8	302.7	267.8	239.8	234.2	227.2	188.0	155.3
50°	541.1	532.7	497.0	442.0	436.9	401.9	353.1	319.5	315.2	288.3	238.8
47.5°	777.4	777.4	704.0	637.0	617.5	587.0	525.4	434.6	426.3	403.4	348.2
45°	1259.7	1172.2	1131.3	1002.3	862.1	808.1	756.7	647.5	558.3	523.3	484.4
42.5°	1706.8	1576.7	1469.1	1339.9	1185.5	1050.3	953.7	833.8	726.0	651.5	595.8
40°	2125.1	1915.4	1766.3	1603.6	1435.6	1268.2	1148.7	997.9	875.1	775.0	716.1
37.5°	2648.1	2359.7	2194.2	1940.9	1729.0	1556.0	1403.1	1211.2	1013.8	932.3	859.3
35°	3417.7	3076.2	2882.7	2574.5	2146.3	1993.1	1793.8	1506.5	1256.7	1117.1	1026.9
32.5°	4798.4	4288.0	3931.7	3520.2	2953.2	2549.9	2285.0	1965.4	1565.3	1364.5	1214.9
30°	6200.9	5510.7	5011.5	4593.5	3840.2	3245.9	2837.0	2384.5	1953.3	1627.2	1424.1
27.5°	7150.7	6472.5	5850.9	5250.6	4640.4	3950.3	3337.9	2756.9	2285.4	1920.8	1658.4
25°	7984.2	7217.1	6517.0	5866.5	5214.4	4543.8	3802.2	3149.3	2595.7	2178.7	1836.2
22.5°	8809.4	7993.7	7200.3	6443.7	5781.9	5064.5	4281.0	3529.8	2893.6	2461.6	2050.0
20°	9744.8	8805.5	7889.7	7174.4	6421.0	5602.6	4731.3	4015.1	3391.7	2799.9	2284.0
17.5°	11083.5	9828.3	8987.1	8181.3	7202.6	6202.3	5445.9	4695.0	3927.4	3157.2	2529.4
15°	12896.9	11600.2	10636.3	9532.2	8188.1	7155.3	6323.6	5411.7	4502.5	3580.1	2821.6
12.5°	15052.9	13479.8	12344.3	10772.4	9259.8	8142.7	7201.9	6181.4	5064.4	3962.5	3093.4
10°	16409.7	14713.8	13096.9	11587.3	10206.9	9056.5	7875.1	6628.8	5386.5	4250.9	3328.4
7.5°	17130.4	15323.0	13654.2	12144.7	10736.3	9404.5	8146.1	6891.2	5645.6	4476.3	3527.0
5°	17609.5	15775.1	14032.5	12418.9	10978.7	9638.1	8348.7	7068.9	5840.5	4642.4	3689.4
2.5°	17962.8	16069.4	14275.1	12578.0	11113.8	9779.0	8477.5	7172.5	5942.2	4731.4	3746.1
0°	18137.7	16162.5	14364.0	12683.9	11176.5	9809.5	8526.9	7210.1	5965.6	4769.3	3769.6
-2.5°	18102.5	16103.5	14288.2	12680.6	11180.6	9781.1	8533.6	7230.5	5972.1	4797.6	3786.3
-5°	17916.3	16003.2	14201.5	12591.7	11114.3	9713.6	8466.6	7186.2	5925.2	4775.0	3770.5
-7.5°	17539.1	15701.7	13954.1	12387.7	10944.1	9574.4	8330.8	7077.7	5830.3	4697.2	3723.4
-10°	16972.1	15220.0	13557.7	12075.6	10669.1	9346.7	8129.4	6894.4	5673.7	4569.2	3641.9
-12.5°	16270.1	14615.7	13030.9	11651.3	10308.5	9045.8	7856.5	6635.9	5456.1	4391.5	3525.6
-15°	15412.0	13927.3	12494.1	11156.2	9886.4	8663.7	7502.2	6314.0	5179.3	4162.7	3374.7
-17.5°	14541.9	13163.6	11819.0	10549.6	9372.4	8211.3	7084.7	5956.1	4870.4	3916.0	3198.1
-20°	13573.3	12300.4	11056.8	9905.1	8807.7	7704.8	6619.3	5533.9	4516.8	3685.1	3041.6



REPORT NUMBER: P627652 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-740-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°	12522.1	11385.2	10259.2	9220.6	8193.7	7136.5	6097.5	5073.0	4108.0	3426.1	2864.3
-25°	11457.7	10425.1	9416.1	8460.1	7497.3	6499.0	5539.0	4603.6	3805.8	3181.7	2672.9
-27.5°	10389.0	9454.2	8523.0	7639.5	6733.0	5853.4	4976.2	4128.3	3478.6	2947.9	2494.4
-30°	9332.7	8488.0	7635.9	6792.2	5972.1	5168.8	4384.6	3742.3	3177.6	2698.0	2294.8
-32.5°	8244.4	7509.6	6733.3	5942.4	5197.8	4488.7	3892.9	3351.7	2863.5	2467.9	2117.1
-35°	7186.2	6510.2	5795.8	5116.3	4457.3	3926.2	3421.7	2979.0	2588.6	2238.3	1939.9
-37.5°	6105.5	5495.5	4904.9	4335.2	3864.7	3415.6	3016.6	2655.1	2317.9	2039.2	1782.3
-40°	5087.4	4556.2	4131.9	3712.8	3339.9	2981.0	2665.9	2355.4	2094.9	1849.7	1628.5
-42.5°	4215.8	3843.0	3502.0	3185.8	2879.8	2614.8	2348.9	2107.3	1879.9	1674.4	1490.7
-45°	3511.1	3244.8	2967.4	2735.2	2498.9	2287.6	2075.3	1876.2	1685.2	1517.5	1354.7
-47.5°	2953.1	2754.9	2546.0	2359.5	2182.7	2001.6	1836.1	1664.4	1516.3	1367.0	1231.2
-50°	2497.6	2351.0	2198.2	2047.4	1908.5	1760.6	1623.4	1488.3	1358.0	1234.1	1110.5
-52.5°	2122.1	2016.0	1902.9	1783.0	1672.3	1557.1	1437.2	1328.7	1216.4	1107.2	999.1
-55°	1824.4	1739.9	1654.1	1563.5	1471.1	1376.7	1278.8	1181.2	1084.5	985.1	903.5
-57.5°	1580.0	1508.8	1440.6	1368.7	1293.2	1213.3	1129.9	1042.7	963.6	888.5	814.5
-60°	1365.8	1305.8	1251.4	1193.3	1131.8	1062.6	994.5	926.0	857.5	792.3	728.7
-62.5°	1172.3	1129.7	1080.7	1031.3	982.6	931.6	870.5	810.1	752.0	696.0	643.6
-65°	984.8	948.5	910.5	875.1	836.0	792.5	740.8	693.6	648.0	601.8	558.5
-67.5°	818.7	790.8	760.3	728.7	697.6	662.8	624.7	585.5	548.9	511.2	478.9
-70°	681.9	661.6	637.9	609.8	581.5	553.0	523.9	493.1	459.9	426.0	399.9
-72.5°	568.0	553.1	534.5	511.2	486.2	461.2	435.4	408.1	378.7	347.3	322.3
-75°	469.1	458.0	443.8	423.2	401.2	377.8	355.0	330.1	301.6	269.4	244.1
-77.5°	376.9	369.9	360.8	343.8	326.6	309.3	289.3	260.2	231.3	203.9	185.2
-80°	282.6	279.5	274.1	259.9	245.4	230.8	214.7	192.5	171.4	151.6	136.3
-82.5°	186.4	183.0	178.5	169.9	161.5	153.4	145.0	130.1	115.5	101.2	88.9
-85°	94.4	91.7	88.9	87.5	85.8	83.8	81.3	72.7	64.5	56.8	49.9
-87.5°	27.3	27.3	27.3	27.6	27.8	27.9	27.9	25.8	23.8	21.8	19.9
-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: P627652 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-740-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°	1.4	1.3	1.2	1.1	1.1	1.0	0.9	0.8	0.8	0.7	0.6
85°	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.7	1.5	1.4	1.2
82.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8
80°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
77.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
75°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
72.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
70°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.0
67.5°	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.5	2.6	2.0	2.0
65°	2.0	2.0	2.1	3.0	2.7	2.0	2.0	3.9	3.3	2.9	2.0
62.5°	3.9	2.0	5.2	7.0	4.5	3.6	2.9	8.4	5.4	3.8	2.7
60°	9.1	7.4	14.0	21.4	15.4	6.0	8.8	14.4	13.3	4.8	3.8
57.5°	46.5	21.2	31.4	40.8	38.9	21.8	17.7	24.6	22.4	13.1	5.2
55°	96.4	82.0	65.3	64.9	65.6	51.9	36.9	38.2	33.8	24.0	7.6
52.5°	146.5	142.0	126.4	103.0	94.6	85.5	69.9	54.0	50.1	35.8	18.8
50°	208.9	197.5	185.1	161.1	130.6	118.6	102.6	82.5	68.2	50.1	31.2
47.5°	280.2	260.3	241.7	218.5	185.1	153.6	135.7	111.9	88.2	68.8	43.7
45°	391.5	326.9	301.7	274.8	240.5	201.2	170.2	140.9	114.2	87.5	56.3
42.5°	505.8	415.9	363.2	332.9	297.0	252.7	206.1	173.2	139.9	106.3	71.1
40°	620.8	509.6	429.8	391.9	355.4	304.0	251.8	206.9	165.0	125.7	87.3
37.5°	745.2	614.5	506.5	453.3	414.7	359.2	298.2	241.4	190.9	146.7	103.3
35°	899.9	738.8	590.0	524.2	472.5	415.6	344.1	278.8	221.7	167.9	119.1
32.5°	1073.8	876.0	709.6	601.6	531.2	473.0	393.0	320.9	253.4	189.1	134.6
30°	1246.8	1017.2	823.1	678.2	593.6	526.7	445.1	363.4	285.7	210.2	150.4
27.5°	1379.0	1139.1	929.4	770.2	662.6	580.2	497.0	406.0	318.6	233.5	167.6
25°	1513.9	1252.0	1032.4	860.4	730.3	634.8	547.0	448.6	353.6	260.3	184.5
22.5°	1671.4	1359.2	1119.4	941.8	802.0	690.2	594.6	491.8	389.0	286.8	201.0
20°	1825.5	1458.1	1199.4	1036.9	880.4	752.0	641.3	532.9	423.6	312.9	216.9
17.5°	1983.5	1596.9	1332.2	1135.2	961.3	813.1	687.5	571.9	457.2	338.3	232.1
15°	2221.7	1782.5	1466.1	1232.3	1039.6	873.0	732.7	608.7	489.6	362.8	245.7
12.5°	2446.1	1957.2	1596.1	1327.3	1114.7	931.1	776.6	643.2	520.6	383.2	257.0
10°	2644.5	2119.8	1720.5	1418.9	1186.0	986.9	818.6	670.2	538.9	399.4	267.1
7.5°	2817.1	2269.1	1837.9	1506.0	1246.9	1024.6	840.0	684.4	552.8	413.7	276.0
5°	2949.1	2370.6	1902.4	1540.8	1269.8	1041.9	855.3	695.8	563.9	425.9	283.7
2.5°	2992.8	2404.4	1927.9	1560.5	1286.4	1054.2	867.1	704.6	572.3	435.9	290.0
0°	3012.9	2420.8	1941.0	1571.7	1296.7	1061.8	875.2	710.6	578.1	443.6	295.1
-2.5°	3035.1	2443.1	1959.5	1589.2	1307.5	1072.2	883.8	720.0	586.5	452.3	303.6
-5°	3033.5	2447.2	1965.4	1597.6	1311.8	1077.8	888.7	726.7	592.5	458.6	310.7
-7.5°	3001.4	2428.2	1957.9	1595.9	1309.4	1078.4	890.1	730.6	596.2	462.6	316.3
-10°	2944.1	2388.8	1935.8	1581.5	1300.8	1073.7	887.9	731.8	597.7	464.4	320.3
-12.5°	2863.3	2332.8	1900.3	1557.8	1285.3	1063.6	881.4	728.4	596.8	463.8	322.5
-15°	2759.5	2260.6	1851.3	1525.1	1262.9	1048.7	871.0	721.4	591.6	460.4	323.0
-17.5°	2634.0	2173.0	1788.8	1483.4	1233.6	1028.8	856.6	711.6	584.5	454.5	322.4
-20°	2517.5	2080.7	1716.6	1432.7	1197.4	1004.1	838.3	699.1	575.7	447.1	320.8

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Scaled Data Report



REPORT NUMBER: P627652 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-740-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°	2387.3	1984.9	1652.6	1384.2	1159.1	974.7	816.1	683.9	565.2	438.2	317.9
-25°	2238.3	1876.3	1579.5	1330.2	1121.9	946.5	793.3	666.1	553.2	428.2	313.7
-27.5°	2098.2	1764.3	1497.7	1267.9	1078.8	914.0	770.8	649.7	539.2	417.0	308.1
-30°	1955.3	1666.7	1419.1	1202.6	1031.3	877.8	745.4	632.0	523.6	407.2	301.3
-32.5°	1810.0	1560.3	1335.1	1146.1	985.4	838.9	717.6	613.0	507.2	397.5	295.7
-35°	1685.2	1455.8	1244.8	1085.3	938.3	805.7	690.0	592.9	490.3	386.5	289.5
-37.5°	1552.3	1349.6	1174.5	1024.8	887.7	769.5	663.5	569.2	473.0	374.2	282.1
-40°	1433.4	1250.6	1098.8	966.5	842.3	730.4	633.9	544.0	456.8	360.7	273.3
-42.5°	1312.2	1160.7	1025.0	903.6	796.6	694.5	601.7	517.0	435.8	348.2	263.4
-45°	1206.1	1068.5	948.6	846.5	748.8	655.4	570.2	489.1	413.2	335.3	253.0
-47.5°	1096.4	979.6	877.4	786.9	701.8	614.8	537.0	463.2	390.0	320.9	242.3
-50°	994.2	895.5	810.4	729.3	649.9	576.8	503.8	436.5	368.7	302.1	230.4
-52.5°	903.2	821.0	745.3	671.4	603.2	537.2	474.0	409.4	346.5	283.3	217.2
-55°	822.9	749.5	681.4	617.5	556.4	501.9	443.7	383.9	323.5	263.9	203.0
-57.5°	745.9	679.8	621.9	565.1	513.0	465.6	414.0	357.4	300.2	243.6	190.4
-60°	668.5	615.3	563.8	516.1	471.1	428.1	384.2	330.2	276.0	222.7	175.2
-62.5°	594.3	549.7	510.1	468.2	426.9	389.0	353.4	302.0	250.9	202.0	158.4
-65°	521.5	487.4	455.4	416.0	380.1	348.5	319.0	272.8	224.5	180.0	140.7
-67.5°	449.5	421.4	392.7	360.8	334.1	308.3	282.2	240.4	196.5	156.8	123.0
-70°	376.7	352.9	332.5	312.2	290.1	267.3	241.2	205.6	167.2	134.9	104.6
-72.5°	305.4	290.8	278.6	264.3	245.6	224.0	199.6	170.5	140.6	112.3	85.6
-75°	235.2	232.2	228.5	219.3	201.3	181.2	161.5	139.1	113.4	89.1	69.8
-77.5°	185.3	184.0	181.5	175.0	159.3	142.9	125.7	107.0	87.5	70.7	54.8
-80°	137.2	137.0	135.8	131.9	118.5	104.5	92.6	80.6	66.3	52.6	39.6
-82.5°	90.2	91.5	92.2	90.9	81.8	72.9	64.3	55.8	44.7	34.2	26.5
-85°	51.5	52.5	52.8	52.1	46.5	41.1	37.5	33.8	27.9	22.5	17.7
-87.5°	21.4	22.6	23.6	24.2	22.4	20.6	18.8	16.9	14.0	11.3	8.9
-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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Scaled Data Report



REPORT NUMBER: P627652 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-740-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	0.3	0.2	0.1	0.0
85°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
82.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
80°	2.0	1.7	1.4	1.0	0.7	0.3	0.0
77.5°	2.0	2.0	1.7	1.3	0.9	0.4	0.0
75°	2.0	2.0	2.0	1.5	1.0	0.5	0.0
72.5°	2.0	2.0	2.0	1.8	1.2	0.6	0.0
70°	2.0	2.0	2.0	2.0	1.4	0.7	0.0
67.5°	2.2	2.0	2.0	2.0	1.5	0.8	0.0
65°	2.4	2.2	2.0	2.0	1.7	0.8	0.0
62.5°	2.7	2.7	2.0	2.0	1.8	0.9	0.0
60°	3.1	3.2	2.0	2.0	2.0	1.0	0.0
57.5°	5.4	3.8	2.6	2.0	2.0	1.1	0.0
55°	8.3	4.4	3.2	2.0	2.1	1.1	0.0
52.5°	11.6	5.5	3.8	2.0	2.1	1.2	0.0
50°	15.3	9.0	4.5	2.0	2.1	1.3	0.0
47.5°	20.4	12.7	5.2	2.1	2.2	1.4	0.0
45°	31.3	16.7	5.9	2.7	2.2	1.4	0.0
42.5°	42.1	20.8	6.6	3.2	2.3	1.5	0.0
40°	52.9	25.2	8.7	4.0	2.4	1.5	0.0
37.5°	63.6	29.8	12.2	4.8	2.5	1.6	0.0
35°	74.2	37.1	15.6	5.8	2.5	1.6	0.0
32.5°	85.4	45.5	19.2	6.8	2.6	1.7	0.0
30°	98.0	53.6	22.7	7.9	2.7	1.7	0.0
27.5°	110.1	61.6	26.7	9.0	2.8	1.8	0.0
25°	121.8	69.2	30.8	10.2	2.9	1.8	0.0
22.5°	133.1	76.6	34.7	11.4	3.0	1.8	0.0
20°	143.8	83.9	38.5	12.7	3.2	1.9	0.0
17.5°	153.7	90.7	42.2	13.9	3.3	1.9	0.0
15°	162.8	97.0	45.7	15.2	3.4	1.9	0.0
12.5°	171.2	102.9	49.0	16.5	3.5	2.0	0.0
10°	178.7	108.3	52.2	17.7	3.6	2.0	0.0
7.5°	185.5	113.2	55.1	18.9	3.7	2.0	0.0
5°	191.4	117.5	57.7	20.1	3.8	2.0	0.0
2.5°	196.5	121.3	60.1	21.1	3.9	2.0	0.0
0°	200.7	124.5	62.2	22.1	4.0	2.0	0.0
-2.5°	206.2	128.4	65.0	23.5	4.6	2.1	0.0
-5°	210.7	131.7	67.6	24.8	5.2	2.3	0.0
-7.5°	214.3	134.4	69.7	25.9	5.8	2.4	0.0
-10°	216.8	136.4	71.4	27.0	6.4	2.5	0.0
-12.5°	218.4	137.7	72.8	27.8	6.9	2.6	0.0
-15°	218.8	138.3	73.6	28.5	7.4	2.7	0.0
-17.5°	218.2	138.2	74.0	29.1	7.8	2.8	0.0
-20°	217.6	137.4	74.0	29.5	8.3	2.8	0.0

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA5C-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	217.7	135.9	73.4	29.6	8.6	2.9	0.0
-25°	216.7	135.4	72.2	29.6	9.0	3.0	0.0
-27.5°	214.7	134.8	70.6	29.4	9.2	3.0	0.0
-30°	211.5	133.4	68.6	29.0	9.4	3.0	0.0
-32.5°	207.2	131.1	67.7	28.4	9.6	3.0	0.0
-35°	203.2	127.9	66.3	27.6	9.7	3.0	0.0
-37.5°	198.6	124.5	64.3	26.5	9.7	3.0	0.0
-40°	192.9	121.5	61.8	25.3	9.7	3.0	0.0
-42.5°	186.0	117.7	59.9	24.1	9.6	3.0	0.0
-45°	178.1	113.1	58.7	23.2	9.4	2.9	0.0
-47.5°	169.1	107.7	57.0	21.9	9.2	2.8	0.0
-50°	161.2	101.7	54.6	21.5	8.9	2.8	0.0
-52.5°	152.7	94.8	51.6	21.2	8.6	2.7	0.0
-55°	143.3	89.3	48.0	20.7	8.2	2.6	0.0
-57.5°	133.0	83.2	43.9	19.8	7.7	2.4	0.0
-60°	122.0	76.3	39.3	18.7	7.2	2.3	0.0
-62.5°	111.3	68.7	36.6	17.4	6.8	2.2	0.0
-65°	99.6	60.2	33.5	15.9	6.3	2.0	0.0
-67.5°	86.8	52.7	29.9	14.1	5.8	1.8	0.0
-70°	73.2	46.2	26.0	12.1	5.2	1.6	0.0
-72.5°	62.2	39.2	21.8	10.7	4.6	1.5	0.0
-75°	51.1	31.8	17.3	9.3	4.0	1.3	0.0
-77.5°	39.4	23.9	14.3	7.9	3.4	1.1	0.0
-80°	27.2	18.3	11.6	6.4	2.7	0.9	0.0
-82.5°	20.0	13.8	8.8	4.8	2.1	0.6	0.0
-85°	13.4	9.3	5.9	3.3	1.4	0.4	0.0
-87.5°	6.7	4.7	3.0	1.6	0.7	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)