

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: P627602 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-750-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627602 (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-SA5B-750-U-WR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (80) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

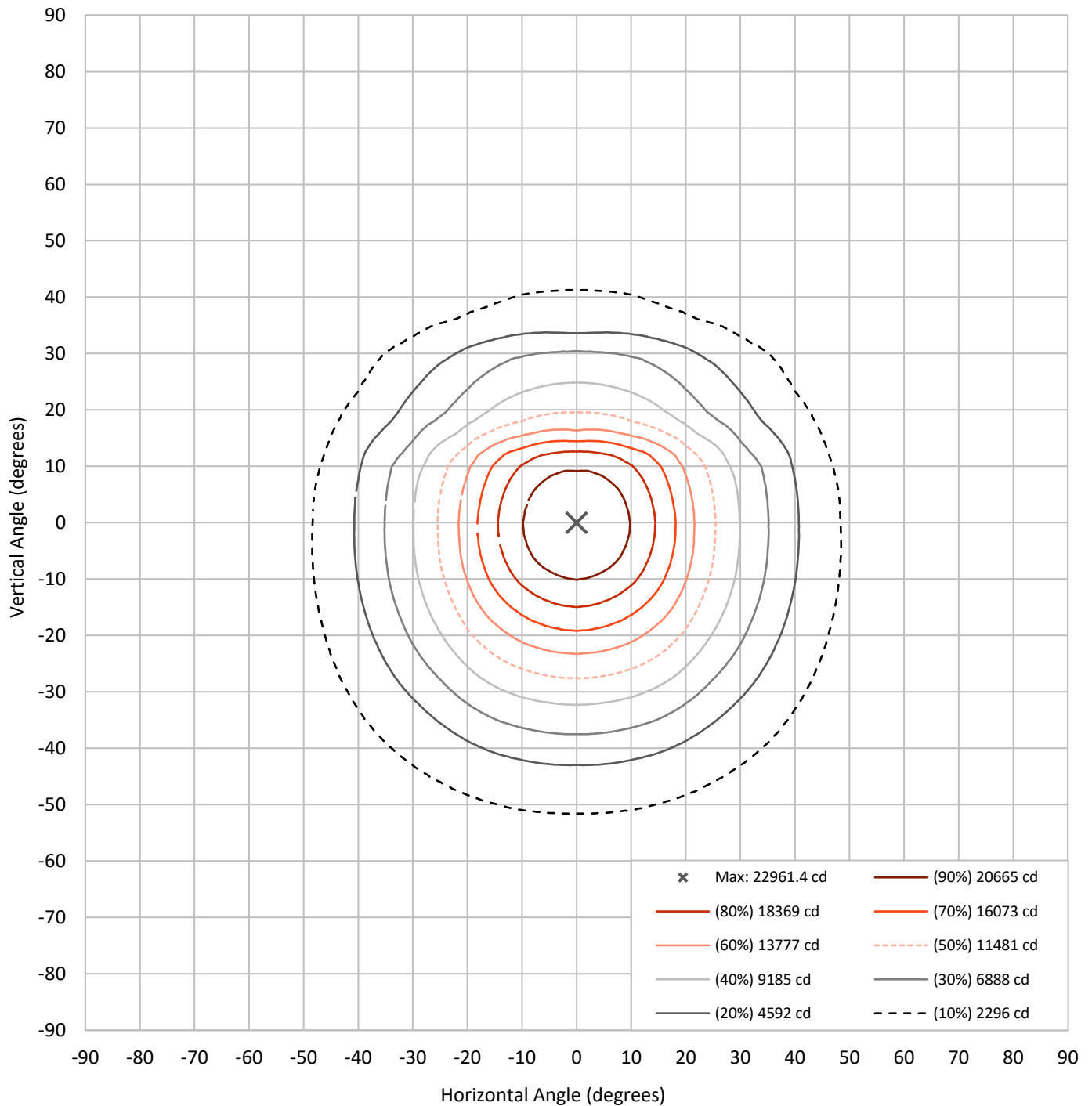
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	20256.8 lumens	Max Intensity:	22961.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	127.6 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:	9752.7 lumens	Field Lumens:	18136.8 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	158.7		
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

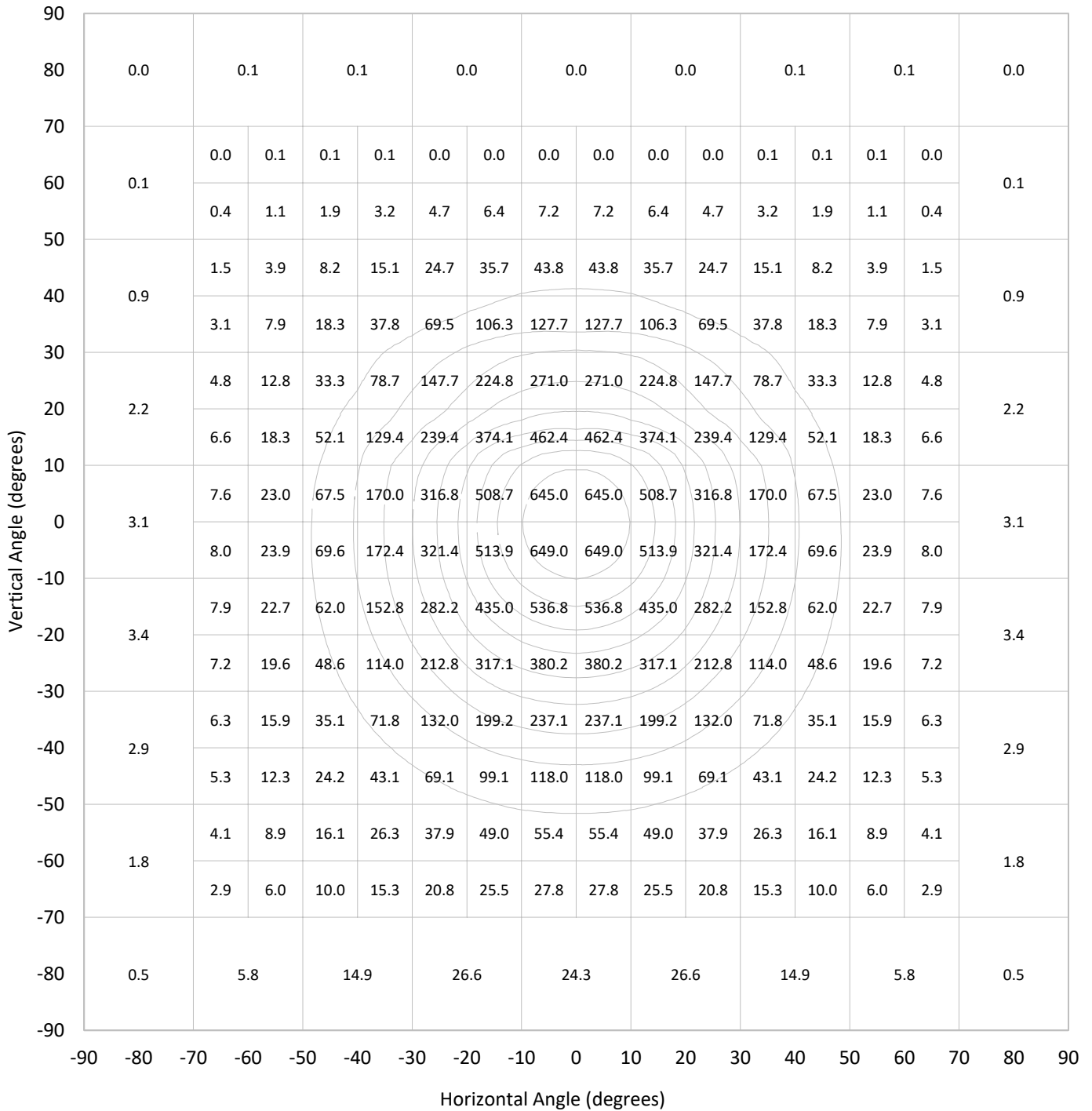




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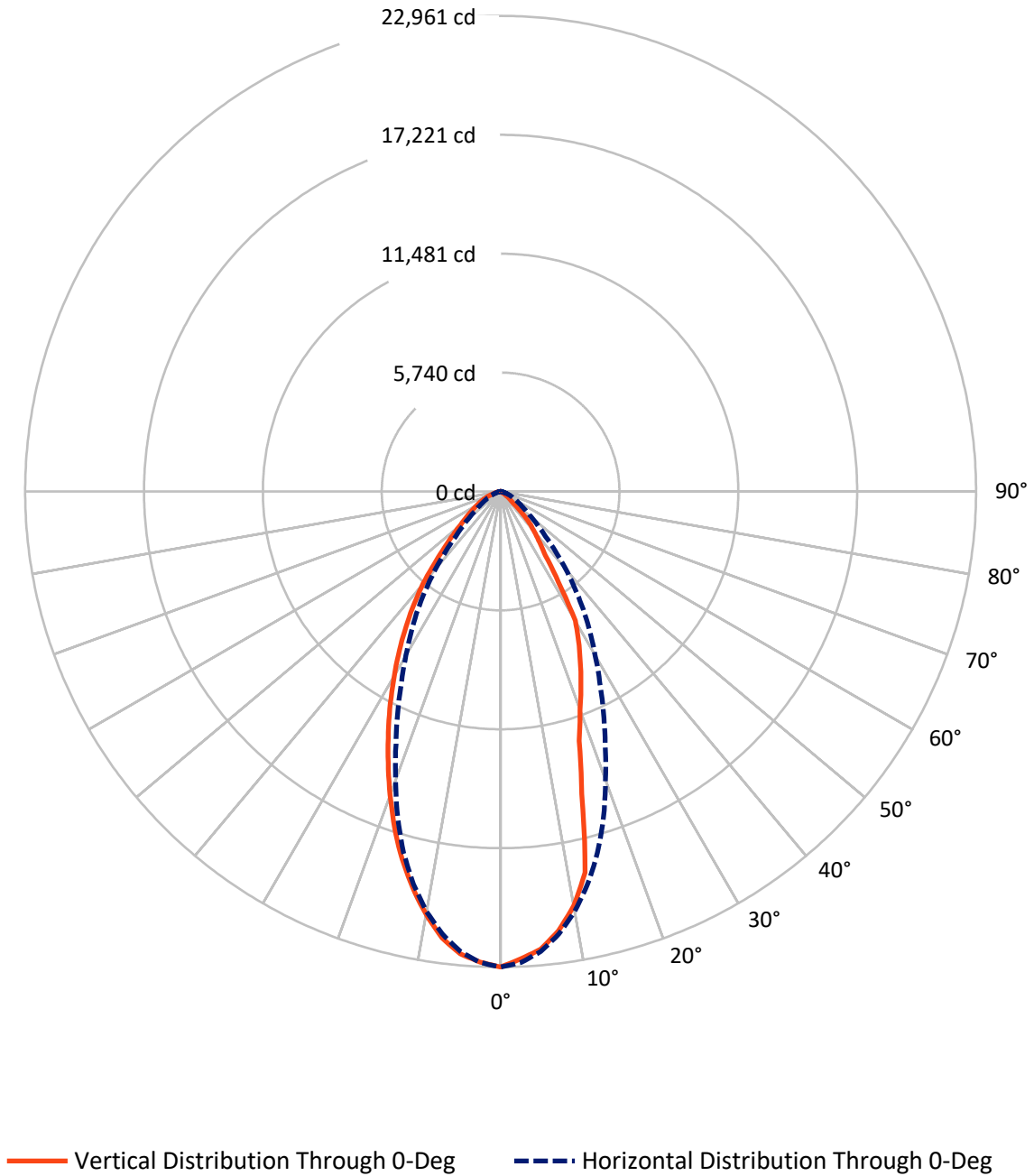
CATALOG NUMBER: GFLD-SA5B-750-U-WR-VSR-XX

Lumen Table



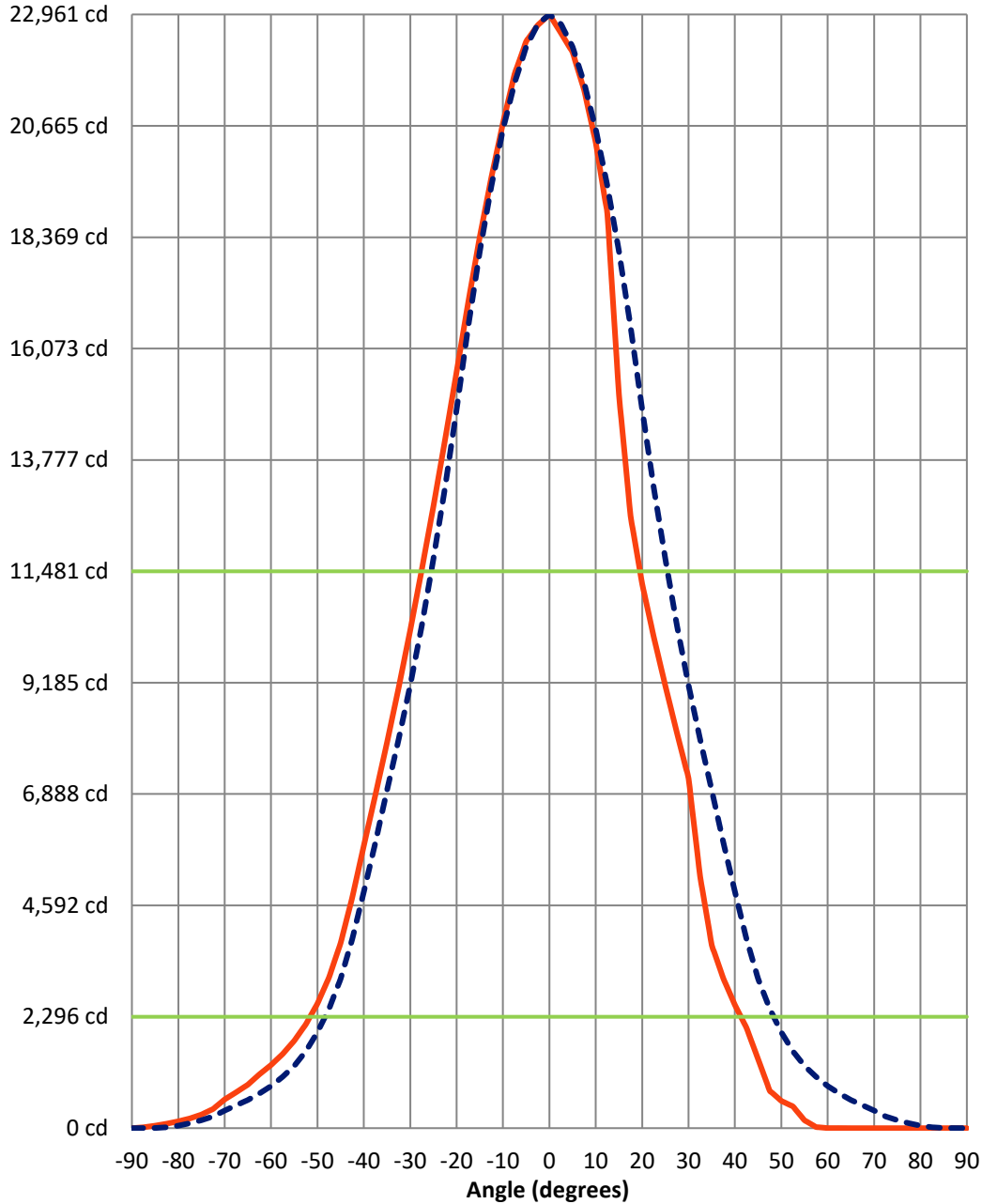
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 9752.7
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 18136.8
 Efficiency: 89.5%

Spill:
 Lumens: 2120
 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	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.7
85°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	1.0	1.1	1.2	1.4
82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.6	1.6
80°	0.0	0.3	0.6	0.8	1.1	1.4	1.6	1.6	1.6	1.6	1.6
77.5°	0.0	0.3	0.7	1.0	1.4	1.6	1.6	1.6	1.6	1.6	1.6
75°	0.0	0.4	0.8	1.2	1.6	1.6	1.6	1.6	1.6	1.6	1.6
72.5°	0.0	0.5	1.0	1.4	1.6	1.6	1.6	1.6	1.6	1.6	1.6
70°	0.0	0.5	1.1	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7
67.5°	0.0	0.6	1.2	1.6	1.6	1.6	1.7	1.6	1.6	2.1	2.0
65°	0.0	0.7	1.4	1.6	1.6	1.8	1.9	1.6	2.3	2.7	3.1
62.5°	0.0	0.7	1.5	1.6	1.6	2.2	2.2	2.2	3.1	4.4	6.8
60°	0.0	0.8	1.6	1.6	1.6	2.6	2.5	3.1	3.9	10.8	11.7
57.5°	0.0	0.9	1.6	1.6	2.1	3.1	4.4	4.2	10.7	18.3	20.1
55°	0.0	0.9	1.6	1.6	2.6	3.6	6.8	6.2	19.6	27.6	31.2
52.5°	0.0	1.0	1.7	1.6	3.1	4.5	9.5	15.4	29.3	41.0	44.2
50°	0.0	1.0	1.7	1.6	3.7	7.4	12.5	25.5	40.9	55.8	67.4
47.5°	0.0	1.1	1.8	1.7	4.2	10.4	16.7	35.7	56.2	72.1	91.4
45°	0.0	1.1	1.8	2.2	4.8	13.6	25.6	46.0	71.5	93.3	115.2
42.5°	0.0	1.2	1.9	2.6	5.5	17.0	34.4	58.1	86.8	114.3	141.5
40°	0.0	1.2	1.9	3.2	7.2	20.6	43.2	71.3	102.7	134.8	169.0
37.5°	0.0	1.3	2.0	3.9	10.0	24.4	52.0	84.4	119.9	155.9	197.2
35°	0.0	1.3	2.1	4.7	12.8	30.3	60.6	97.3	137.2	181.1	227.8
32.5°	0.0	1.3	2.1	5.5	15.7	37.2	69.8	110.0	154.5	207.0	262.2
30°	0.0	1.4	2.2	6.4	18.6	43.8	80.0	122.9	171.8	233.4	296.9
27.5°	0.0	1.4	2.3	7.4	21.9	50.3	90.0	137.0	190.8	260.3	331.7
25°	0.0	1.5	2.4	8.3	25.2	56.6	99.5	150.8	212.7	288.9	366.5
22.5°	0.0	1.5	2.5	9.3	28.4	62.6	108.7	164.2	234.3	317.8	401.8
20°	0.0	1.5	2.6	10.4	31.5	68.5	117.5	177.1	255.6	346.1	435.4
17.5°	0.0	1.5	2.7	11.4	34.5	74.1	125.6	189.6	276.4	373.6	467.3
15°	0.0	1.5	2.8	12.4	37.4	79.3	133.0	200.7	296.4	400.1	497.4
12.5°	0.0	1.6	2.9	13.5	40.1	84.1	139.8	210.0	313.0	425.3	525.5
10°	0.0	1.6	3.0	14.5	42.6	88.5	146.0	218.2	326.3	440.3	547.6
7.5°	0.0	1.6	3.1	15.4	45.0	92.5	151.5	225.5	338.0	451.7	559.2
5°	0.0	1.6	3.1	16.3	47.1	96.0	156.4	231.7	348.0	460.7	568.5
2.5°	0.0	1.6	3.2	17.2	49.1	99.1	160.6	236.9	356.2	467.6	575.7
0°	0.0	1.6	3.3	18.0	50.8	101.7	164.0	241.1	362.5	472.3	580.6
-2.5°	0.0	1.7	3.8	19.1	53.1	104.9	168.5	248.1	369.6	479.1	588.3
-5°	0.0	1.8	4.3	20.2	55.2	107.6	172.2	253.9	374.7	484.1	593.7
-7.5°	0.0	1.9	4.8	21.2	56.9	109.8	175.1	258.4	378.0	487.1	597.0
-10°	0.0	2.0	5.2	22.0	58.4	111.4	177.2	261.7	379.4	488.3	598.0
-12.5°	0.0	2.1	5.6	22.7	59.4	112.4	178.4	263.5	379.0	487.6	595.2
-15°	0.0	2.2	6.1	23.3	60.2	113.0	178.8	263.9	376.2	483.3	589.4
-17.5°	0.0	2.2	6.4	23.7	60.5	112.9	178.3	263.4	371.4	477.6	581.4
-20°	0.0	2.3	6.8	24.0	60.4	112.2	177.8	262.2	365.3	470.4	571.2

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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	2.4	7.1	24.2	59.9	111.0	177.8	259.8	358.1	461.8	558.8
-25°	0.0	2.4	7.3	24.2	59.0	110.6	177.0	256.3	349.9	451.9	544.3
-27.5°	0.0	2.4	7.6	24.0	57.7	110.1	175.3	251.8	340.8	440.6	530.8
-30°	0.0	2.5	7.7	23.7	56.0	109.0	172.8	246.2	332.7	427.8	516.4
-32.5°	0.0	2.5	7.9	23.2	55.3	107.1	169.3	241.5	324.8	414.4	500.9
-35°	0.0	2.5	7.9	22.5	54.1	104.5	166.0	236.5	315.8	400.6	484.4
-37.5°	0.0	2.5	8.0	21.7	52.5	101.7	162.2	230.4	305.7	386.5	465.1
-40°	0.0	2.5	7.9	20.7	50.4	99.3	157.5	223.3	294.7	373.2	444.5
-42.5°	0.0	2.4	7.9	19.7	48.9	96.1	152.0	215.2	284.4	356.0	422.5
-45°	0.0	2.4	7.7	19.0	48.0	92.4	145.5	206.7	273.9	337.6	399.6
-47.5°	0.0	2.3	7.6	17.9	46.5	88.0	138.2	198.0	262.2	318.6	378.5
-50°	0.0	2.3	7.3	17.6	44.6	83.0	131.7	188.2	246.8	301.2	356.7
-52.5°	0.0	2.2	7.1	17.4	42.1	77.5	124.8	177.4	231.4	283.1	334.5
-55°	0.0	2.1	6.7	16.9	39.2	72.9	117.1	165.9	215.6	264.3	313.6
-57.5°	0.0	2.0	6.3	16.2	35.8	68.0	108.6	155.6	199.0	245.2	292.0
-60°	0.0	1.9	5.9	15.3	32.1	62.3	99.6	143.1	181.9	225.5	269.8
-62.5°	0.0	1.8	5.6	14.3	29.9	56.1	90.9	129.4	165.0	205.0	246.7
-65°	0.0	1.6	5.2	13.0	27.3	49.2	81.3	115.0	147.1	183.4	222.9
-67.5°	0.0	1.5	4.8	11.6	24.5	43.1	70.9	100.5	128.1	160.5	196.4
-70°	0.0	1.4	4.3	10.0	21.3	37.8	59.8	85.4	110.2	136.5	168.0
-72.5°	0.0	1.2	3.8	8.8	17.8	32.1	50.8	69.9	91.7	114.9	139.3
-75°	0.0	1.0	3.3	7.7	14.2	26.0	41.7	57.0	72.8	92.7	113.7
-77.5°	0.0	0.9	2.8	6.5	11.7	19.6	32.1	44.8	57.8	71.5	87.4
-80°	0.0	0.7	2.3	5.3	9.5	15.0	22.2	32.3	43.0	54.1	65.9
-82.5°	0.0	0.5	1.7	4.0	7.2	11.3	16.4	21.6	27.9	36.6	45.6
-85°	0.0	0.4	1.1	2.7	4.8	7.6	11.0	14.5	18.4	22.8	27.6
-87.5°	0.0	0.2	0.6	1.3	2.4	3.8	5.5	7.3	9.2	11.4	13.8
-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: P627602 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-750-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°	0.7	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.3
85°	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
77.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
75°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
72.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
70°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3
67.5°	1.6	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.2	0.8
65°	1.6	1.6	2.2	2.4	1.7	1.6	1.6	1.6	1.7	1.4	1.5
62.5°	2.4	2.9	3.7	5.7	4.2	1.6	3.2	3.7	2.5	2.0	2.2
60°	7.2	4.9	12.6	17.5	11.4	6.0	7.4	14.9	12.3	3.3	8.7
57.5°	14.5	17.9	31.7	33.3	25.6	17.3	38.0	42.1	34.9	21.9	31.5
55°	30.2	42.4	53.6	53.0	53.3	67.0	78.8	77.3	68.1	94.0	118.3
52.5°	57.1	69.8	77.3	84.2	103.3	116.0	119.7	126.9	153.6	185.6	191.4
50°	83.8	96.9	106.7	131.6	151.2	161.3	170.7	195.2	235.6	257.5	261.1
47.5°	110.9	125.5	151.2	178.5	197.5	212.7	228.9	284.5	329.6	348.3	355.1
45°	139.0	164.3	196.5	224.5	246.5	267.1	319.9	395.8	427.5	456.2	529.1
42.5°	168.3	206.4	242.6	272.0	296.8	339.8	413.2	486.8	532.3	593.2	681.3
40°	205.7	248.4	290.3	320.2	351.1	416.3	507.2	585.1	633.2	715.0	815.3
37.5°	243.6	293.5	338.8	370.3	413.8	502.0	608.8	702.1	761.7	828.3	989.6
35°	281.1	339.6	386.1	428.3	482.0	603.6	735.3	839.1	912.8	1026.7	1230.9
32.5°	321.1	386.4	434.0	491.5	579.7	715.7	877.4	992.7	1114.9	1278.9	1605.9
30°	363.7	430.3	485.0	554.1	672.5	831.2	1018.8	1163.6	1329.5	1596.0	1948.4
27.5°	406.1	474.1	541.4	629.3	759.3	930.7	1126.7	1355.0	1569.5	1867.4	2252.7
25°	446.9	518.7	596.7	703.0	843.5	1023.0	1236.9	1500.3	1780.2	2121.0	2573.3
22.5°	485.8	563.9	655.3	769.5	914.6	1110.6	1365.7	1675.1	2011.4	2364.3	2884.1
20°	524.0	614.5	719.4	847.2	980.0	1191.4	1491.6	1866.2	2287.7	2771.3	3280.6
17.5°	561.7	664.4	785.5	927.5	1088.5	1304.8	1620.7	2066.8	2579.7	3209.0	3836.2
15°	598.7	713.3	849.5	1006.9	1197.9	1456.4	1815.3	2305.5	2925.2	3678.9	4421.9
12.5°	634.5	760.8	910.8	1084.5	1304.1	1599.2	1998.6	2527.5	3237.6	4138.0	5050.7
10°	668.8	806.4	969.1	1159.3	1405.8	1732.1	2160.7	2719.5	3473.3	4401.3	5416.3
7.5°	686.3	837.2	1018.8	1230.5	1501.7	1854.0	2301.8	2881.8	3657.4	4612.9	5630.6
5°	698.8	851.3	1037.5	1259.0	1554.4	1937.0	2409.7	3014.5	3793.1	4772.1	5775.8
2.5°	708.5	861.4	1051.1	1275.0	1575.3	1964.6	2445.4	3060.8	3865.9	4855.3	5860.4
0°	715.1	867.6	1059.5	1284.2	1586.0	1978.0	2461.8	3080.1	3896.9	4874.4	5891.2
-2.5°	722.1	876.1	1068.3	1298.5	1601.1	1996.2	2479.9	3093.7	3920.0	4879.7	5907.9
-5°	726.2	880.6	1071.8	1305.3	1605.9	1999.6	2478.6	3080.7	3901.6	4841.4	5871.8
-7.5°	727.3	881.2	1069.9	1304.0	1599.7	1984.0	2452.4	3042.3	3838.0	4763.9	5783.1
-10°	725.5	877.3	1062.8	1292.2	1581.7	1951.9	2405.6	2975.7	3733.4	4635.9	5633.3
-12.5°	720.2	869.1	1050.2	1272.9	1552.7	1906.1	2339.6	2880.7	3588.2	4458.1	5422.0
-15°	711.7	856.8	1031.9	1246.1	1512.6	1847.1	2254.7	2757.4	3401.3	4232.0	5159.0
-17.5°	699.9	840.6	1008.0	1212.0	1461.5	1775.5	2152.2	2613.0	3199.7	3979.6	4866.6
-20°	685.0	820.4	978.4	1170.6	1402.6	1700.1	2057.0	2485.3	3011.0	3690.6	4521.7

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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	666.8	796.3	947.1	1131.0	1350.3	1621.8	1950.6	2340.4	2799.4	3356.6	4145.0
-25°	648.2	773.3	916.6	1086.8	1290.6	1533.1	1828.9	2184.0	2599.7	3109.6	3761.5
-27.5°	629.8	746.8	881.4	1035.9	1223.7	1441.6	1714.4	2038.1	2408.6	2842.3	3373.1
-30°	609.0	717.2	842.6	982.6	1159.5	1361.8	1597.7	1875.0	2204.5	2596.3	3057.8
-32.5°	586.4	685.4	805.1	936.4	1090.8	1274.9	1479.0	1729.8	2016.5	2339.7	2738.6
-35°	563.8	658.3	766.6	886.7	1017.1	1189.5	1376.9	1585.1	1828.9	2115.2	2434.1
-37.5°	542.1	628.7	725.3	837.3	959.6	1102.7	1268.4	1456.3	1666.2	1893.9	2169.5
-40°	517.9	596.8	688.2	789.6	897.8	1021.9	1171.2	1330.7	1511.3	1711.7	1924.5
-42.5°	491.6	567.4	650.8	738.3	837.5	948.3	1072.2	1218.1	1368.2	1536.0	1721.8
-45°	465.9	535.5	611.8	691.6	775.1	873.0	985.5	1106.8	1239.9	1377.0	1533.0
-47.5°	438.8	502.3	573.4	642.9	716.9	800.4	895.8	1006.0	1116.9	1239.0	1360.0
-50°	411.7	471.3	531.0	595.9	662.2	731.7	812.3	907.3	1008.3	1109.5	1216.1
-52.5°	387.4	439.0	492.9	548.6	608.9	670.8	738.0	816.3	904.6	993.8	1085.6
-55°	362.5	410.1	454.6	504.6	556.8	612.4	672.3	738.2	804.9	886.1	965.1
-57.5°	338.3	380.4	419.2	461.7	508.2	555.5	609.5	665.5	726.0	787.4	852.0
-60°	313.9	349.8	384.9	421.7	460.6	502.8	546.2	595.4	647.3	700.6	756.6
-62.5°	288.8	317.8	348.8	382.5	416.8	449.1	485.6	525.8	568.7	614.4	661.9
-65°	260.6	284.7	310.6	339.9	372.1	398.2	426.1	456.3	491.8	529.5	566.7
-67.5°	230.5	251.9	273.0	294.8	320.9	344.3	367.2	391.3	417.7	448.5	478.5
-70°	197.1	218.4	237.0	255.0	271.6	288.3	307.8	326.8	348.1	375.7	402.9
-72.5°	163.0	183.0	200.6	215.9	227.6	237.6	249.6	263.4	283.8	309.4	333.4
-75°	131.9	148.0	164.5	179.2	186.7	189.7	192.2	199.5	220.1	246.5	269.7
-77.5°	102.7	116.7	130.2	143.0	148.3	150.3	151.4	151.3	166.6	189.0	212.6
-80°	75.6	85.4	96.8	107.7	111.0	112.0	112.1	111.4	123.9	140.0	157.3
-82.5°	52.5	59.6	66.8	74.3	75.3	74.8	73.7	72.6	82.7	94.4	106.3
-85°	30.6	33.6	38.0	42.5	43.1	42.9	42.1	40.8	46.4	52.7	59.4
-87.5°	15.3	16.8	18.3	19.7	19.2	18.5	17.5	16.3	17.8	19.5	21.1
-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: P627602 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-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°	1.3	1.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.6	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.6	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.6	1.3	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.6	1.3	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.6	1.3	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.6	1.4	1.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.9	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.7	0.8	0.8	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.6	1.6	1.2	0.8	0.4	0.3	0.4	0.3	0.1	0.0	0.0
62.5°	2.1	2.0	1.4	1.4	1.5	1.6	1.3	1.1	1.1	1.1	1.3
60°	9.2	5.3	5.4	6.8	5.8	2.7	5.3	6.8	6.3	4.8	4.2
57.5°	47.0	39.4	27.5	46.1	47.5	33.2	36.0	46.9	45.5	35.1	35.0
55°	118.6	120.3	129.2	140.9	149.5	153.5	157.0	174.7	193.5	211.9	221.1
52.5°	195.9	218.9	247.3	266.2	279.4	306.4	344.2	361.6	378.4	397.6	411.5
50°	288.5	328.3	357.0	361.2	406.1	435.3	442.1	474.7	510.2	532.3	548.1
47.5°	429.2	479.6	504.6	520.5	575.2	635.2	635.3	654.0	742.8	789.3	811.7
45°	618.3	660.3	704.4	819.0	924.3	957.8	1029.3	1126.2	1189.2	1275.9	1371.2
42.5°	779.3	858.1	968.6	1094.8	1200.4	1288.3	1394.6	1511.1	1651.0	1782.6	1896.2
40°	938.6	1036.2	1173.0	1310.3	1443.3	1565.1	1736.4	1886.2	2051.3	2232.3	2383.2
37.5°	1146.4	1271.4	1412.8	1585.9	1792.8	1928.0	2163.7	2379.0	2565.0	2783.6	2918.2
35°	1465.7	1628.6	1753.7	2103.6	2355.3	2513.5	2792.5	3146.3	3282.2	3557.4	3688.1
32.5°	1867.1	2083.5	2413.0	2876.2	3212.5	3503.6	3920.7	4279.7	4585.7	4862.2	5149.8
30°	2318.1	2652.1	3137.8	3753.3	4094.8	4502.6	5066.6	5492.3	5972.2	6498.9	6683.4
27.5°	2727.4	3227.7	3791.5	4290.1	4780.6	5288.6	5842.7	6389.6	6908.9	7347.2	7641.4
25°	3106.7	3712.6	4260.6	4793.4	5324.9	5897.0	6523.7	7143.9	7715.4	8166.5	8509.4
22.5°	3498.0	4138.1	4724.3	5265.0	5883.2	6531.4	7198.0	7909.3	8559.8	9027.7	9401.3
20°	3865.8	4577.8	5246.5	5862.1	6446.5	7194.8	7962.3	8716.9	9425.2	9982.5	10413.3
17.5°	4449.8	5067.8	5885.1	6684.8	7343.1	8030.6	9056.2	9834.9	10621.0	11288.4	11745.1
15°	5166.9	5846.5	6690.4	7788.6	8690.7	9478.4	10537.9	11804.7	12731.9	13584.0	14168.6
12.5°	5884.5	6653.2	7566.0	8801.9	10086.3	11014.1	12299.4	13904.8	14984.7	16304.0	16954.4
10°	6434.6	7399.9	8339.9	9467.8	10701.2	12022.4	13408.0	14909.9	16352.9	17485.7	18498.4
7.5°	6656.1	7684.2	8772.4	9923.2	11156.6	12520.1	13996.9	15559.7	17044.7	18310.0	19423.0
5°	6821.6	7875.1	8970.5	10147.1	11465.6	12889.5	14388.3	16029.1	17545.6	18901.8	20040.4
2.5°	6926.8	7990.2	9080.9	10277.1	11663.9	13129.9	14677.0	16361.2	17900.5	19296.7	20431.6
0°	6967.1	8015.2	9132.1	10363.8	11736.5	13206.1	14819.9	16524.0	18075.5	19425.3	20593.1
-2.5°	6972.6	7991.9	9135.4	10361.1	11674.6	13157.9	14791.3	16481.1	18001.1	19345.4	20523.6
-5°	6917.9	7936.8	9081.3	10288.4	11603.7	13075.9	14639.1	16272.0	17721.7	19030.1	20164.5
-7.5°	6806.9	7823.0	8942.2	10121.7	11401.6	12829.5	14330.9	15849.1	17271.2	18526.1	19608.7
-10°	6642.3	7637.0	8717.5	9866.7	11077.7	12435.9	13867.6	15318.1	16651.8	17812.2	18813.3
-12.5°	6419.4	7391.1	8422.9	9520.0	10647.3	11942.2	13294.0	14656.1	15871.7	16931.1	17829.3
-15°	6129.8	7078.9	8078.0	9115.5	10208.7	11379.7	12592.9	13842.3	14963.4	15902.9	16723.4
-17.5°	5788.8	6709.2	7658.0	8619.9	9657.1	10755.8	11881.9	13003.5	13959.6	14794.3	15544.6
-20°	5408.5	6295.4	7196.6	8093.3	9034.3	10050.4	11090.5	12075.7	12911.3	13669.6	14356.3



REPORT NUMBER: P627602 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-750-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°	4982.2	5831.1	6694.9	7534.0	8382.6	9302.6	10231.5	11122.5	11904.1	12552.8	13149.4
-25°	4525.8	5310.2	6125.9	6912.6	7693.7	8518.1	9361.8	10181.6	10869.5	11432.7	11925.8
-27.5°	4065.9	4782.7	5501.4	6242.0	6964.0	7724.8	8488.6	9196.6	9814.2	10332.8	10747.1
-30°	3582.5	4223.3	4879.6	5549.8	6239.1	6935.4	7625.5	8245.4	8784.6	9240.7	9598.7
-32.5°	3180.8	3667.6	4247.0	4855.4	5501.6	6136.0	6736.4	7301.4	7809.4	8207.7	8511.3
-35°	2795.8	3208.0	3642.0	4180.5	4735.6	5319.4	5871.7	6376.0	6828.8	7176.8	7462.5
-37.5°	2464.8	2790.8	3157.8	3542.2	4007.7	4490.2	4988.7	5463.0	5866.8	6170.4	6425.5
-40°	2178.3	2435.7	2728.9	3033.7	3376.1	3722.8	4156.8	4557.1	4886.7	5170.5	5401.6
-42.5°	1919.2	2136.5	2353.0	2603.0	2861.4	3140.1	3444.7	3740.7	3993.7	4231.2	4427.5
-45°	1695.7	1869.2	2041.8	2234.9	2424.6	2651.3	2868.8	3063.0	3267.9	3445.7	3585.7
-47.5°	1500.2	1635.4	1783.4	1927.9	2080.2	2250.9	2412.9	2560.6	2710.7	2840.8	2945.1
-50°	1326.4	1438.6	1559.4	1672.9	1796.1	1920.9	2040.7	2158.2	2272.3	2371.2	2448.2
-52.5°	1174.3	1272.3	1366.4	1456.9	1554.9	1647.2	1733.9	1830.9	1920.1	1998.1	2050.8
-55°	1044.8	1124.9	1202.0	1277.5	1351.6	1421.6	1490.7	1566.0	1634.9	1696.8	1736.1
-57.5°	923.2	991.4	1056.7	1118.3	1177.1	1232.8	1291.0	1348.9	1401.9	1448.7	1479.0
-60°	812.6	868.2	924.7	975.1	1022.5	1067.0	1116.0	1162.3	1205.1	1241.1	1262.1
-62.5°	711.2	761.1	802.8	842.7	883.0	923.1	957.9	992.1	1025.1	1053.0	1071.3
-65°	605.3	647.6	683.1	715.0	744.0	775.0	804.7	831.5	855.4	873.5	885.0
-67.5°	510.5	541.6	570.0	595.4	621.2	646.1	668.9	689.3	707.2	719.9	728.2
-70°	428.1	451.9	475.2	498.3	521.2	540.6	557.2	572.4	586.2	591.9	594.5
-72.5°	355.8	376.8	397.3	417.7	436.8	451.9	464.1	475.2	485.3	476.6	461.5
-75°	290.1	308.7	327.8	345.8	362.6	374.2	383.3	391.6	399.2	380.4	354.6
-77.5°	236.4	252.7	266.9	280.9	294.8	302.2	307.9	313.6	319.0	298.0	271.6
-80°	175.4	188.6	200.6	212.4	224.0	228.4	230.9	232.6	233.6	215.7	195.0
-82.5°	118.5	125.3	131.9	138.8	145.9	149.5	152.3	154.5	156.0	143.2	128.9
-85°	66.4	68.5	70.1	71.4	72.6	74.9	77.1	79.2	81.0	75.0	68.3
-87.5°	22.8	22.8	22.7	22.6	22.3	22.4	22.4	22.3	22.2	21.2	20.2
-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: P627602 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-750-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	0.1	0.3
62.5°	1.4	1.5	1.6	1.6	1.6	1.5	1.4	1.3	1.1	1.1	1.1
60°	3.2	2.0	1.6	1.6	1.6	2.0	3.2	4.2	4.8	6.3	6.8
57.5°	32.6	28.5	25.6	23.0	25.6	28.5	32.6	35.0	35.1	45.5	46.9
55°	217.2	202.2	183.9	162.4	183.9	202.2	217.2	221.1	211.9	193.5	174.7
52.5°	426.1	440.2	448.4	447.7	448.4	440.2	426.1	411.5	397.6	378.4	361.6
50°	560.9	568.6	569.0	562.6	569.0	568.6	560.9	548.1	532.3	510.2	474.7
47.5°	821.8	811.0	792.5	772.5	792.5	811.0	821.8	811.7	789.3	742.8	654.0
45°	1433.9	1468.4	1466.2	1422.0	1466.2	1468.4	1433.9	1371.2	1275.9	1189.2	1126.2
42.5°	1959.6	2011.3	2047.9	2066.5	2047.9	2011.3	1959.6	1896.2	1782.6	1651.0	1511.1
40°	2468.2	2518.1	2540.1	2538.9	2540.1	2518.1	2468.2	2383.2	2232.3	2051.3	1886.2
37.5°	3005.6	3070.3	3101.6	3086.7	3101.6	3070.3	3005.6	2918.2	2783.6	2565.0	2379.0
35°	3744.6	3805.1	3806.3	3775.5	3806.3	3805.1	3744.6	3688.1	3557.4	3282.2	3146.3
32.5°	5378.1	5398.4	5242.8	5187.6	5242.8	5398.4	5378.1	5149.8	4862.2	4585.7	4279.7
30°	6867.0	7010.6	7144.1	7211.5	7144.1	7010.6	6867.0	6683.4	6498.9	5972.2	5492.3
27.5°	7863.2	8035.8	8142.8	8149.6	8142.8	8035.8	7863.2	7641.4	7347.2	6908.9	6389.6
25°	8769.2	8962.3	9079.0	9118.9	9079.0	8962.3	8769.2	8509.4	8166.5	7715.4	7143.9
22.5°	9718.3	9945.9	10096.7	10127.6	10096.7	9945.9	9718.3	9401.3	9027.7	8559.8	7909.3
20°	10819.6	11084.5	11229.1	11223.2	11229.1	11084.5	10819.6	10413.3	9982.5	9425.2	8716.9
17.5°	12269.5	12553.5	12678.4	12623.8	12678.4	12553.5	12269.5	11745.1	11288.4	10621.0	9834.9
15°	14768.6	15362.9	15360.5	15123.3	15360.5	15362.9	14768.6	14168.6	13584.0	12731.9	11804.7
12.5°	17851.3	18294.2	18748.7	18846.4	18748.7	18294.2	17851.3	16954.4	16304.0	14984.7	13904.8
10°	19351.3	19939.5	20327.8	20317.5	20327.8	19939.5	19351.3	18498.4	17485.7	16352.9	14909.9
7.5°	20289.8	20939.6	21410.1	21400.0	21410.1	20939.6	20289.8	19423.0	18310.0	17044.7	15559.7
5°	21014.0	21734.8	22151.5	22182.3	22151.5	21734.8	21014.0	20040.4	18901.8	17545.6	16029.1
2.5°	21390.3	22142.6	22643.5	22577.6	22643.5	22142.6	21390.3	20431.6	19296.7	17900.5	16361.2
0°	21547.6	22292.2	22759.6	22961.4	22759.6	22292.2	21547.6	20593.1	19425.3	18075.5	16524.0
-2.5°	21478.9	22203.4	22720.0	22739.9	22720.0	22203.4	21478.9	20523.6	19345.4	18001.1	16481.1
-5°	21110.9	21875.4	22221.5	22405.4	22221.5	21875.4	21110.9	20164.5	19030.1	17721.7	16272.0
-7.5°	20517.4	21090.3	21529.9	21732.9	21529.9	21090.3	20517.4	19608.7	18526.1	17271.2	15849.1
-10°	19593.7	20186.8	20558.4	20725.9	20558.4	20186.8	19593.7	18813.3	17812.2	16651.8	15318.1
-12.5°	18570.4	19109.5	19462.7	19604.1	19462.7	19109.5	18570.4	17829.3	16931.1	15871.7	14656.1
-15°	17428.8	17918.2	18243.3	18378.9	18243.3	17918.2	17428.8	16723.4	15902.9	14963.4	13842.3
-17.5°	16172.0	16601.0	16924.9	17022.6	16924.9	16601.0	16172.0	15544.6	14794.3	13959.6	13003.5
-20°	14879.8	15267.5	15534.3	15592.4	15534.3	15267.5	14879.8	14356.3	13669.6	12911.3	12075.7



REPORT NUMBER: P627602 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-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°	13577.7	13897.1	14113.8	14186.8	14113.8	13897.1	13577.7	13149.4	12552.8	11904.1	11122.5
-25°	12305.2	12580.9	12755.4	12820.6	12755.4	12580.9	12305.2	11925.8	11432.7	10869.5	10181.6
-27.5°	11081.4	11338.4	11498.6	11520.0	11498.6	11338.4	11081.4	10747.1	10332.8	9814.2	9196.6
-30°	9877.2	10089.5	10213.0	10265.4	10213.0	10089.5	9877.2	9598.7	9240.7	8784.6	8245.4
-32.5°	8751.8	8937.3	9048.2	9077.9	9048.2	8937.3	8751.8	8511.3	8207.7	7809.4	7301.4
-35°	7689.5	7860.8	7959.2	7951.2	7959.2	7860.8	7689.5	7462.5	7176.8	6828.8	6376.0
-37.5°	6636.4	6794.4	6883.6	6875.3	6883.6	6794.4	6636.4	6425.5	6170.4	5866.8	5463.0
-40°	5591.7	5728.0	5806.6	5825.6	5806.6	5728.0	5591.7	5401.6	5170.5	4886.7	4557.1
-42.5°	4590.7	4716.5	4779.4	4754.6	4779.4	4716.5	4590.7	4427.5	4231.2	3993.7	3740.7
-45°	3683.6	3748.6	3791.4	3818.1	3791.4	3748.6	3683.6	3585.7	3445.7	3267.9	3063.0
-47.5°	3021.4	3075.4	3104.5	3109.6	3104.5	3075.4	3021.4	2945.1	2840.8	2710.7	2560.6
-50°	2508.0	2553.9	2574.2	2568.4	2574.2	2553.9	2508.0	2448.2	2371.2	2272.3	2158.2
-52.5°	2088.7	2115.2	2133.2	2142.0	2133.2	2115.2	2088.7	2050.8	1998.1	1920.1	1830.9
-55°	1765.6	1786.3	1798.4	1802.5	1798.4	1786.3	1765.6	1736.1	1696.8	1634.9	1566.0
-57.5°	1504.3	1524.0	1531.2	1528.6	1531.2	1524.0	1504.3	1479.0	1448.7	1401.9	1348.9
-60°	1278.2	1289.5	1297.9	1302.2	1297.9	1289.5	1278.2	1262.1	1241.1	1205.1	1162.3
-62.5°	1085.8	1096.4	1105.2	1110.3	1105.2	1096.4	1085.8	1071.3	1053.0	1025.1	992.1
-65°	893.2	897.8	899.1	897.1	899.1	897.8	893.2	885.0	873.5	855.4	831.5
-67.5°	734.4	738.3	740.9	741.3	740.9	738.3	734.4	728.2	719.9	707.2	689.3
-70°	597.0	598.7	596.8	592.1	596.8	598.7	597.0	594.5	591.9	586.2	572.4
-72.5°	445.9	429.6	413.3	395.3	413.3	429.6	445.9	461.5	476.6	485.3	475.2
-75°	327.8	300.2	290.2	280.5	290.2	300.2	327.8	354.6	380.4	399.2	391.6
-77.5°	243.9	215.1	207.4	200.1	207.4	215.1	243.9	271.6	298.0	319.0	313.6
-80°	173.3	150.8	145.8	141.0	145.8	150.8	173.3	195.0	215.7	233.6	232.6
-82.5°	113.8	98.2	95.0	91.8	95.0	98.2	113.8	128.9	143.2	156.0	154.5
-85°	61.3	53.9	52.4	50.8	52.4	53.9	61.3	68.3	75.0	81.0	79.2
-87.5°	19.1	17.9	18.0	18.0	18.0	17.9	19.1	20.2	21.2	22.2	22.3
-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: P627602 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-750-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	0.7	1.0	1.3	1.3	1.2	1.2	1.1
85°	0.0	0.0	0.0	0.4	0.8	1.2	1.6	1.6	1.6	1.6	1.6
82.5°	0.0	0.0	0.0	0.4	0.8	1.2	1.6	1.6	1.6	1.6	1.6
80°	0.0	0.0	0.1	0.5	0.9	1.3	1.6	1.6	1.6	1.6	1.6
77.5°	0.0	0.0	0.1	0.5	0.9	1.3	1.6	1.6	1.6	1.6	1.6
75°	0.0	0.0	0.1	0.5	0.9	1.3	1.6	1.6	1.6	1.6	1.6
72.5°	0.0	0.0	0.1	0.5	1.0	1.4	1.6	1.6	1.6	1.6	1.6
70°	0.0	0.0	0.0	0.0	0.1	0.4	0.9	1.3	1.6	1.6	1.6
67.5°	0.0	0.0	0.3	0.7	0.8	0.8	0.7	0.8	1.2	1.6	1.6
65°	0.4	0.3	0.4	0.8	1.2	1.6	1.6	1.5	1.4	1.7	1.6
62.5°	1.3	1.6	1.5	1.4	1.4	2.0	2.1	2.2	2.0	2.5	3.7
60°	5.3	2.7	5.8	6.8	5.4	5.3	9.2	8.7	3.3	12.3	14.9
57.5°	36.0	33.2	47.5	46.1	27.5	39.4	47.0	31.5	21.9	34.9	42.1
55°	157.0	153.5	149.5	140.9	129.2	120.3	118.6	118.3	94.0	68.1	77.3
52.5°	344.2	306.4	279.4	266.2	247.3	218.9	195.9	191.4	185.6	153.6	126.9
50°	442.1	435.3	406.1	361.2	357.0	328.3	288.5	261.1	257.5	235.6	195.2
47.5°	635.3	635.2	575.2	520.5	504.6	479.6	429.2	355.1	348.3	329.6	284.5
45°	1029.3	957.8	924.3	819.0	704.4	660.3	618.3	529.1	456.2	427.5	395.8
42.5°	1394.6	1288.3	1200.4	1094.8	968.6	858.1	779.3	681.3	593.2	532.3	486.8
40°	1736.4	1565.1	1443.3	1310.3	1173.0	1036.2	938.6	815.3	715.0	633.2	585.1
37.5°	2163.7	1928.0	1792.8	1585.9	1412.8	1271.4	1146.4	989.6	828.3	761.7	702.1
35°	2792.5	2513.5	2355.3	2103.6	1753.7	1628.6	1465.7	1230.9	1026.7	912.8	839.1
32.5°	3920.7	3503.6	3212.5	2876.2	2413.0	2083.5	1867.1	1605.9	1278.9	1114.9	992.7
30°	5066.6	4502.6	4094.8	3753.3	3137.8	2652.1	2318.1	1948.4	1596.0	1329.5	1163.6
27.5°	5842.7	5288.6	4780.6	4290.1	3791.5	3227.7	2727.4	2252.7	1867.4	1569.5	1355.0
25°	6523.7	5897.0	5324.9	4793.4	4260.6	3712.6	3106.7	2573.3	2121.0	1780.2	1500.3
22.5°	7198.0	6531.4	5883.2	5265.0	4724.3	4138.1	3498.0	2884.1	2364.3	2011.4	1675.1
20°	7962.3	7194.8	6446.5	5862.1	5246.5	4577.8	3865.8	3280.6	2771.3	2287.7	1866.2
17.5°	9056.2	8030.6	7343.1	6684.8	5885.1	5067.8	4449.8	3836.2	3209.0	2579.7	2066.8
15°	10537.9	9478.4	8690.7	7788.6	6690.4	5846.5	5166.9	4421.9	3678.9	2925.2	2305.5
12.5°	12299.4	11014.1	10086.3	8801.9	7566.0	6653.2	5884.5	5050.7	4138.0	3237.6	2527.5
10°	13408.0	12022.4	10701.2	9467.8	8339.9	7399.9	6434.6	5416.3	4401.3	3473.3	2719.5
7.5°	13996.9	12520.1	11156.6	9923.2	8772.4	7684.2	6656.1	5630.6	4612.9	3657.4	2881.8
5°	14388.3	12889.5	11465.6	10147.1	8970.5	7875.1	6821.6	5775.8	4772.1	3793.1	3014.5
2.5°	14677.0	13129.9	11663.9	10277.1	9080.9	7990.2	6926.8	5860.4	4855.3	3865.9	3060.8
0°	14819.9	13206.1	11736.5	10363.8	9132.1	8015.2	6967.1	5891.2	4874.4	3896.9	3080.1
-2.5°	14791.3	13157.9	11674.6	10361.1	9135.4	7991.9	6972.6	5907.9	4879.7	3920.0	3093.7
-5°	14639.1	13075.9	11603.7	10288.4	9081.3	7936.8	6917.9	5871.8	4841.4	3901.6	3080.7
-7.5°	14330.9	12829.5	11401.6	10121.7	8942.2	7823.0	6806.9	5783.1	4763.9	3838.0	3042.3
-10°	13867.6	12435.9	11077.7	9866.7	8717.5	7637.0	6642.3	5633.3	4635.9	3733.4	2975.7
-12.5°	13294.0	11942.2	10647.3	9520.0	8422.9	7391.1	6419.4	5422.0	4458.1	3588.2	2880.7
-15°	12592.9	11379.7	10208.7	9115.5	8078.0	7078.9	6129.8	5159.0	4232.0	3401.3	2757.4
-17.5°	11881.9	10755.8	9657.1	8619.9	7658.0	6709.2	5788.8	4866.6	3979.6	3199.7	2613.0
-20°	11090.5	10050.4	9034.3	8093.3	7196.6	6295.4	5408.5	4521.7	3690.6	3011.0	2485.3



REPORT NUMBER: P627602 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-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°	10231.5	9302.6	8382.6	7534.0	6694.9	5831.1	4982.2	4145.0	3356.6	2799.4	2340.4
-25°	9361.8	8518.1	7693.7	6912.6	6125.9	5310.2	4525.8	3761.5	3109.6	2599.7	2184.0
-27.5°	8488.6	7724.8	6964.0	6242.0	5501.4	4782.7	4065.9	3373.1	2842.3	2408.6	2038.1
-30°	7625.5	6935.4	6239.1	5549.8	4879.6	4223.3	3582.5	3057.8	2596.3	2204.5	1875.0
-32.5°	6736.4	6136.0	5501.6	4855.4	4247.0	3667.6	3180.8	2738.6	2339.7	2016.5	1729.8
-35°	5871.7	5319.4	4735.6	4180.5	3642.0	3208.0	2795.8	2434.1	2115.2	1828.9	1585.1
-37.5°	4988.7	4490.2	4007.7	3542.2	3157.8	2790.8	2464.8	2169.5	1893.9	1666.2	1456.3
-40°	4156.8	3722.8	3376.1	3033.7	2728.9	2435.7	2178.3	1924.5	1711.7	1511.3	1330.7
-42.5°	3444.7	3140.1	2861.4	2603.0	2353.0	2136.5	1919.2	1721.8	1536.0	1368.2	1218.1
-45°	2868.8	2651.3	2424.6	2234.9	2041.8	1869.2	1695.7	1533.0	1377.0	1239.9	1106.8
-47.5°	2412.9	2250.9	2080.2	1927.9	1783.4	1635.4	1500.2	1360.0	1239.0	1116.9	1006.0
-50°	2040.7	1920.9	1796.1	1672.9	1559.4	1438.6	1326.4	1216.1	1109.5	1008.3	907.3
-52.5°	1733.9	1647.2	1554.9	1456.9	1366.4	1272.3	1174.3	1085.6	993.8	904.6	816.3
-55°	1490.7	1421.6	1351.6	1277.5	1202.0	1124.9	1044.8	965.1	886.1	804.9	738.2
-57.5°	1291.0	1232.8	1177.1	1118.3	1056.7	991.4	923.2	852.0	787.4	726.0	665.5
-60°	1116.0	1067.0	1022.5	975.1	924.7	868.2	812.6	756.6	700.6	647.3	595.4
-62.5°	957.9	923.1	883.0	842.7	802.8	761.1	711.2	661.9	614.4	568.7	525.8
-65°	804.7	775.0	744.0	715.0	683.1	647.6	605.3	566.7	529.5	491.8	456.3
-67.5°	668.9	646.1	621.2	595.4	570.0	541.6	510.5	478.5	448.5	417.7	391.3
-70°	557.2	540.6	521.2	498.3	475.2	451.9	428.1	402.9	375.7	348.1	326.8
-72.5°	464.1	451.9	436.8	417.7	397.3	376.8	355.8	333.4	309.4	283.8	263.4
-75°	383.3	374.2	362.6	345.8	327.8	308.7	290.1	269.7	246.5	220.1	199.5
-77.5°	307.9	302.2	294.8	280.9	266.9	252.7	236.4	212.6	189.0	166.6	151.3
-80°	230.9	228.4	224.0	212.4	200.6	188.6	175.4	157.3	140.0	123.9	111.4
-82.5°	152.3	149.5	145.9	138.8	131.9	125.3	118.5	106.3	94.4	82.7	72.6
-85°	77.1	74.9	72.6	71.4	70.1	68.5	66.4	59.4	52.7	46.4	40.8
-87.5°	22.4	22.4	22.3	22.6	22.7	22.8	22.8	21.1	19.5	17.8	16.3
-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: P627602 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-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°	1.1	1.0	1.0	0.9	0.9	0.8	0.7	0.7	0.6	0.5	0.5
85°	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.4	1.2	1.1	1.0
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.4
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
77.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
75°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
72.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
70°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.6	1.6
67.5°	1.6	1.6	1.6	1.7	1.6	1.6	1.6	2.0	2.1	1.6	1.6
65°	1.6	1.6	1.7	2.4	2.2	1.6	1.6	3.1	2.7	2.3	1.6
62.5°	3.2	1.6	4.2	5.7	3.7	2.9	2.4	6.8	4.4	3.1	2.2
60°	7.4	6.0	11.4	17.5	12.6	4.9	7.2	11.7	10.8	3.9	3.1
57.5°	38.0	17.3	25.6	33.3	31.7	17.9	14.5	20.1	18.3	10.7	4.2
55°	78.8	67.0	53.3	53.0	53.6	42.4	30.2	31.2	27.6	19.6	6.2
52.5°	119.7	116.0	103.3	84.2	77.3	69.8	57.1	44.2	41.0	29.3	15.4
50°	170.7	161.3	151.2	131.6	106.7	96.9	83.8	67.4	55.8	40.9	25.5
47.5°	228.9	212.7	197.5	178.5	151.2	125.5	110.9	91.4	72.1	56.2	35.7
45°	319.9	267.1	246.5	224.5	196.5	164.3	139.0	115.2	93.3	71.5	46.0
42.5°	413.2	339.8	296.8	272.0	242.6	206.4	168.3	141.5	114.3	86.8	58.1
40°	507.2	416.3	351.1	320.2	290.3	248.4	205.7	169.0	134.8	102.7	71.3
37.5°	608.8	502.0	413.8	370.3	338.8	293.5	243.6	197.2	155.9	119.9	84.4
35°	735.3	603.6	482.0	428.3	386.1	339.6	281.1	227.8	181.1	137.2	97.3
32.5°	877.4	715.7	579.7	491.5	434.0	386.4	321.1	262.2	207.0	154.5	110.0
30°	1018.8	831.2	672.5	554.1	485.0	430.3	363.7	296.9	233.4	171.8	122.9
27.5°	1126.7	930.7	759.3	629.3	541.4	474.1	406.1	331.7	260.3	190.8	137.0
25°	1236.9	1023.0	843.5	703.0	596.7	518.7	446.9	366.5	288.9	212.7	150.8
22.5°	1365.7	1110.6	914.6	769.5	655.3	563.9	485.8	401.8	317.8	234.3	164.2
20°	1491.6	1191.4	980.0	847.2	719.4	614.5	524.0	435.4	346.1	255.6	177.1
17.5°	1620.7	1304.8	1088.5	927.5	785.5	664.4	561.7	467.3	373.6	276.4	189.6
15°	1815.3	1456.4	1197.9	1006.9	849.5	713.3	598.7	497.4	400.1	296.4	200.7
12.5°	1998.6	1599.2	1304.1	1084.5	910.8	760.8	634.5	525.5	425.3	313.0	210.0
10°	2160.7	1732.1	1405.8	1159.3	969.1	806.4	668.8	547.6	440.3	326.3	218.2
7.5°	2301.8	1854.0	1501.7	1230.5	1018.8	837.2	686.3	559.2	451.7	338.0	225.5
5°	2409.7	1937.0	1554.4	1259.0	1037.5	851.3	698.8	568.5	460.7	348.0	231.7
2.5°	2445.4	1964.6	1575.3	1275.0	1051.1	861.4	708.5	575.7	467.6	356.2	236.9
0°	2461.8	1978.0	1586.0	1284.2	1059.5	867.6	715.1	580.6	472.3	362.5	241.1
-2.5°	2479.9	1996.2	1601.1	1298.5	1068.3	876.1	722.1	588.3	479.1	369.6	248.1
-5°	2478.6	1999.6	1605.9	1305.3	1071.8	880.6	726.2	593.7	484.1	374.7	253.9
-7.5°	2452.4	1984.0	1599.7	1304.0	1069.9	881.2	727.3	597.0	487.1	378.0	258.4
-10°	2405.6	1951.9	1581.7	1292.2	1062.8	877.3	725.5	598.0	488.3	379.4	261.7
-12.5°	2339.6	1906.1	1552.7	1272.9	1050.2	869.1	720.2	595.2	487.6	379.0	263.5
-15°	2254.7	1847.1	1512.6	1246.1	1031.9	856.8	711.7	589.4	483.3	376.2	263.9
-17.5°	2152.2	1775.5	1461.5	1212.0	1008.0	840.6	699.9	581.4	477.6	371.4	263.4
-20°	2057.0	1700.1	1402.6	1170.6	978.4	820.4	685.0	571.2	470.4	365.3	262.2

Classified

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



REPORT NUMBER: P627602 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-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°	1950.6	1621.8	1350.3	1131.0	947.1	796.3	666.8	558.8	461.8	358.1	259.8
-25°	1828.9	1533.1	1290.6	1086.8	916.6	773.3	648.2	544.3	451.9	349.9	256.3
-27.5°	1714.4	1441.6	1223.7	1035.9	881.4	746.8	629.8	530.8	440.6	340.8	251.8
-30°	1597.7	1361.8	1159.5	982.6	842.6	717.2	609.0	516.4	427.8	332.7	246.2
-32.5°	1479.0	1274.9	1090.8	936.4	805.1	685.4	586.4	500.9	414.4	324.8	241.5
-35°	1376.9	1189.5	1017.1	886.7	766.6	658.3	563.8	484.4	400.6	315.8	236.5
-37.5°	1268.4	1102.7	959.6	837.3	725.3	628.7	542.1	465.1	386.5	305.7	230.4
-40°	1171.2	1021.9	897.8	789.6	688.2	596.8	517.9	444.5	373.2	294.7	223.3
-42.5°	1072.2	948.3	837.5	738.3	650.8	567.4	491.6	422.5	356.0	284.4	215.2
-45°	985.5	873.0	775.1	691.6	611.8	535.5	465.9	399.6	337.6	273.9	206.7
-47.5°	895.8	800.4	716.9	642.9	573.4	502.3	438.8	378.5	318.6	262.2	198.0
-50°	812.3	731.7	662.2	595.9	531.0	471.3	411.7	356.7	301.2	246.8	188.2
-52.5°	738.0	670.8	608.9	548.6	492.9	439.0	387.4	334.5	283.1	231.4	177.4
-55°	672.3	612.4	556.8	504.6	454.6	410.1	362.5	313.6	264.3	215.6	165.9
-57.5°	609.5	555.5	508.2	461.7	419.2	380.4	338.3	292.0	245.2	199.0	155.6
-60°	546.2	502.8	460.6	421.7	384.9	349.8	313.9	269.8	225.5	181.9	143.1
-62.5°	485.6	449.1	416.8	382.5	348.8	317.8	288.8	246.7	205.0	165.0	129.4
-65°	426.1	398.2	372.1	339.9	310.6	284.7	260.6	222.9	183.4	147.1	115.0
-67.5°	367.2	344.3	320.9	294.8	273.0	251.9	230.5	196.4	160.5	128.1	100.5
-70°	307.8	288.3	271.6	255.0	237.0	218.4	197.1	168.0	136.5	110.2	85.4
-72.5°	249.6	237.6	227.6	215.9	200.6	183.0	163.0	139.3	114.9	91.7	69.9
-75°	192.2	189.7	186.7	179.2	164.5	148.0	131.9	113.7	92.7	72.8	57.0
-77.5°	151.4	150.3	148.3	143.0	130.2	116.7	102.7	87.4	71.5	57.8	44.8
-80°	112.1	112.0	111.0	107.7	96.8	85.4	75.6	65.9	54.1	43.0	32.3
-82.5°	73.7	74.8	75.3	74.3	66.8	59.6	52.5	45.6	36.6	27.9	21.6
-85°	42.1	42.9	43.1	42.5	38.0	33.6	30.6	27.6	22.8	18.4	14.5
-87.5°	17.5	18.5	19.2	19.7	18.3	16.8	15.3	13.8	11.4	9.2	7.3
-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: P627602 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-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°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
85°	0.8	0.7	0.6	0.4	0.3	0.1	0.0
82.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
80°	1.6	1.4	1.1	0.8	0.6	0.3	0.0
77.5°	1.6	1.6	1.4	1.0	0.7	0.3	0.0
75°	1.6	1.6	1.6	1.2	0.8	0.4	0.0
72.5°	1.6	1.6	1.6	1.4	1.0	0.5	0.0
70°	1.6	1.6	1.6	1.6	1.1	0.5	0.0
67.5°	1.7	1.6	1.6	1.6	1.2	0.6	0.0
65°	1.9	1.8	1.6	1.6	1.4	0.7	0.0
62.5°	2.2	2.2	1.6	1.6	1.5	0.7	0.0
60°	2.5	2.6	1.6	1.6	1.6	0.8	0.0
57.5°	4.4	3.1	2.1	1.6	1.6	0.9	0.0
55°	6.8	3.6	2.6	1.6	1.6	0.9	0.0
52.5°	9.5	4.5	3.1	1.6	1.7	1.0	0.0
50°	12.5	7.4	3.7	1.6	1.7	1.0	0.0
47.5°	16.7	10.4	4.2	1.7	1.8	1.1	0.0
45°	25.6	13.6	4.8	2.2	1.8	1.1	0.0
42.5°	34.4	17.0	5.5	2.6	1.9	1.2	0.0
40°	43.2	20.6	7.2	3.2	1.9	1.2	0.0
37.5°	52.0	24.4	10.0	3.9	2.0	1.3	0.0
35°	60.6	30.3	12.8	4.7	2.1	1.3	0.0
32.5°	69.8	37.2	15.7	5.5	2.1	1.3	0.0
30°	80.0	43.8	18.6	6.4	2.2	1.4	0.0
27.5°	90.0	50.3	21.9	7.4	2.3	1.4	0.0
25°	99.5	56.6	25.2	8.3	2.4	1.5	0.0
22.5°	108.7	62.6	28.4	9.3	2.5	1.5	0.0
20°	117.5	68.5	31.5	10.4	2.6	1.5	0.0
17.5°	125.6	74.1	34.5	11.4	2.7	1.5	0.0
15°	133.0	79.3	37.4	12.4	2.8	1.5	0.0
12.5°	139.8	84.1	40.1	13.5	2.9	1.6	0.0
10°	146.0	88.5	42.6	14.5	3.0	1.6	0.0
7.5°	151.5	92.5	45.0	15.4	3.1	1.6	0.0
5°	156.4	96.0	47.1	16.3	3.1	1.6	0.0
2.5°	160.6	99.1	49.1	17.2	3.2	1.6	0.0
0°	164.0	101.7	50.8	18.0	3.3	1.6	0.0
-2.5°	168.5	104.9	53.1	19.1	3.8	1.7	0.0
-5°	172.2	107.6	55.2	20.2	4.3	1.8	0.0
-7.5°	175.1	109.8	56.9	21.2	4.8	1.9	0.0
-10°	177.2	111.4	58.4	22.0	5.2	2.0	0.0
-12.5°	178.4	112.4	59.4	22.7	5.6	2.1	0.0
-15°	178.8	113.0	60.2	23.3	6.1	2.2	0.0
-17.5°	178.3	112.9	60.5	23.7	6.4	2.2	0.0
-20°	177.8	112.2	60.4	24.0	6.8	2.3	0.0

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CATALOG NUMBER: GFLD-SA5B-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	177.8	111.0	59.9	24.2	7.1	2.4	0.0
-25°	177.0	110.6	59.0	24.2	7.3	2.4	0.0
-27.5°	175.3	110.1	57.7	24.0	7.6	2.4	0.0
-30°	172.8	109.0	56.0	23.7	7.7	2.5	0.0
-32.5°	169.3	107.1	55.3	23.2	7.9	2.5	0.0
-35°	166.0	104.5	54.1	22.5	7.9	2.5	0.0
-37.5°	162.2	101.7	52.5	21.7	8.0	2.5	0.0
-40°	157.5	99.3	50.4	20.7	7.9	2.5	0.0
-42.5°	152.0	96.1	48.9	19.7	7.9	2.4	0.0
-45°	145.5	92.4	48.0	19.0	7.7	2.4	0.0
-47.5°	138.2	88.0	46.5	17.9	7.6	2.3	0.0
-50°	131.7	83.0	44.6	17.6	7.3	2.3	0.0
-52.5°	124.8	77.5	42.1	17.4	7.1	2.2	0.0
-55°	117.1	72.9	39.2	16.9	6.7	2.1	0.0
-57.5°	108.6	68.0	35.8	16.2	6.3	2.0	0.0
-60°	99.6	62.3	32.1	15.3	5.9	1.9	0.0
-62.5°	90.9	56.1	29.9	14.3	5.6	1.8	0.0
-65°	81.3	49.2	27.3	13.0	5.2	1.6	0.0
-67.5°	70.9	43.1	24.5	11.6	4.8	1.5	0.0
-70°	59.8	37.8	21.3	10.0	4.3	1.4	0.0
-72.5°	50.8	32.1	17.8	8.8	3.8	1.2	0.0
-75°	41.7	26.0	14.2	7.7	3.3	1.0	0.0
-77.5°	32.1	19.6	11.7	6.5	2.8	0.9	0.0
-80°	22.2	15.0	9.5	5.3	2.3	0.7	0.0
-82.5°	16.4	11.3	7.2	4.0	1.7	0.5	0.0
-85°	11.0	7.6	4.8	2.7	1.1	0.4	0.0
-87.5°	5.5	3.8	2.4	1.3	0.6	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)