

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



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

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P645317 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA1B-750-U-LAM-VSR-XX

Issue Date: 2/28/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P645317 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-22)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 5/4/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA1B-750-U-LAM-VSR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, LAMBERTIAN WITH VISOR  
Light Source: (16) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

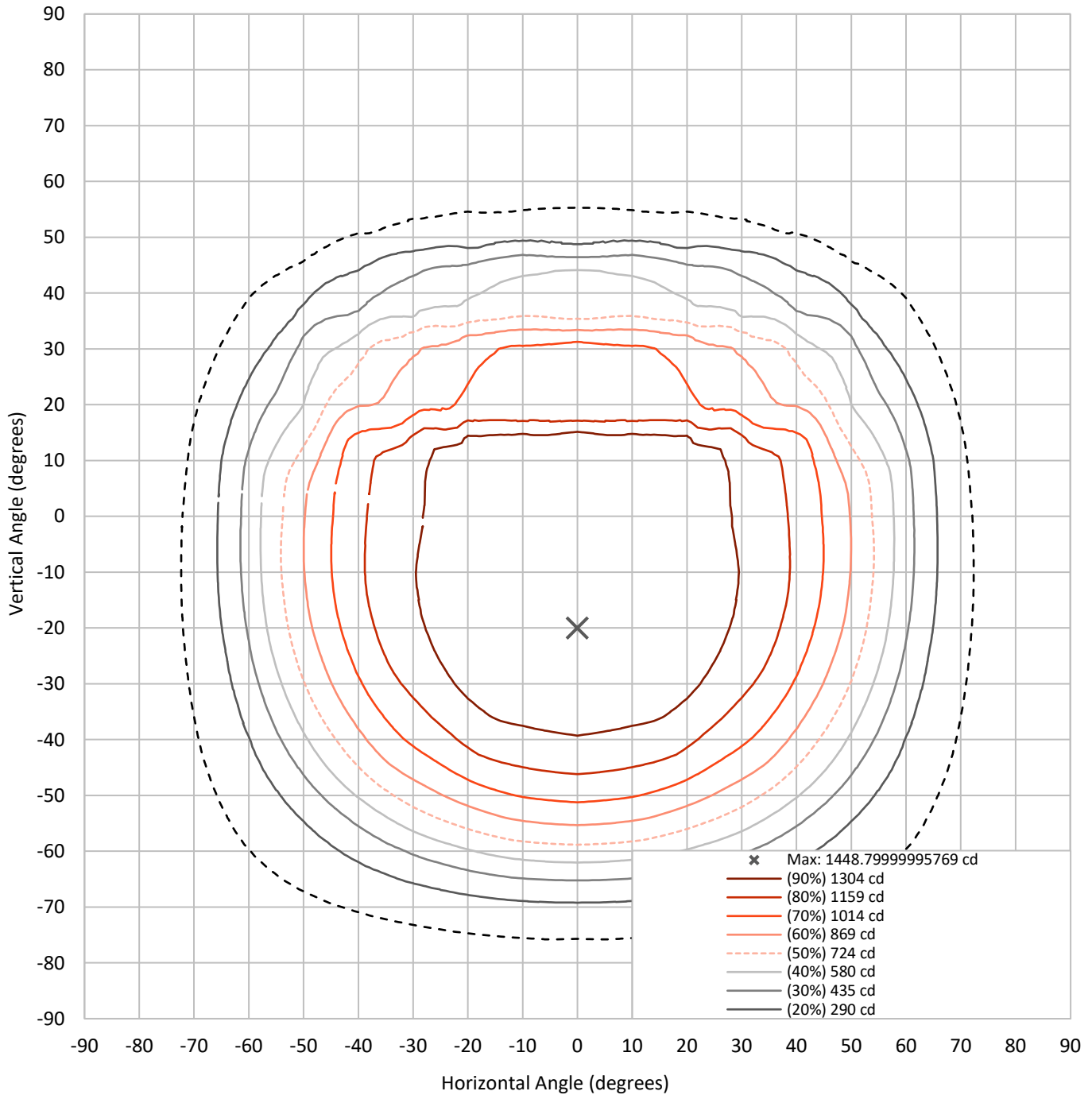
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	3397.1 lumens	Max Intensity:	1448.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	101.4 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	105.6°H x 93.7°V	Field Angle (10%):	144°H x 131.2°V
Beam Lumens:	2655.7 lumens	Field Lumens:	3329.6 lumens
Beam Efficiency:	78.2%	Field Efficiency:	98.0%
Input Watts (W):	33.5		
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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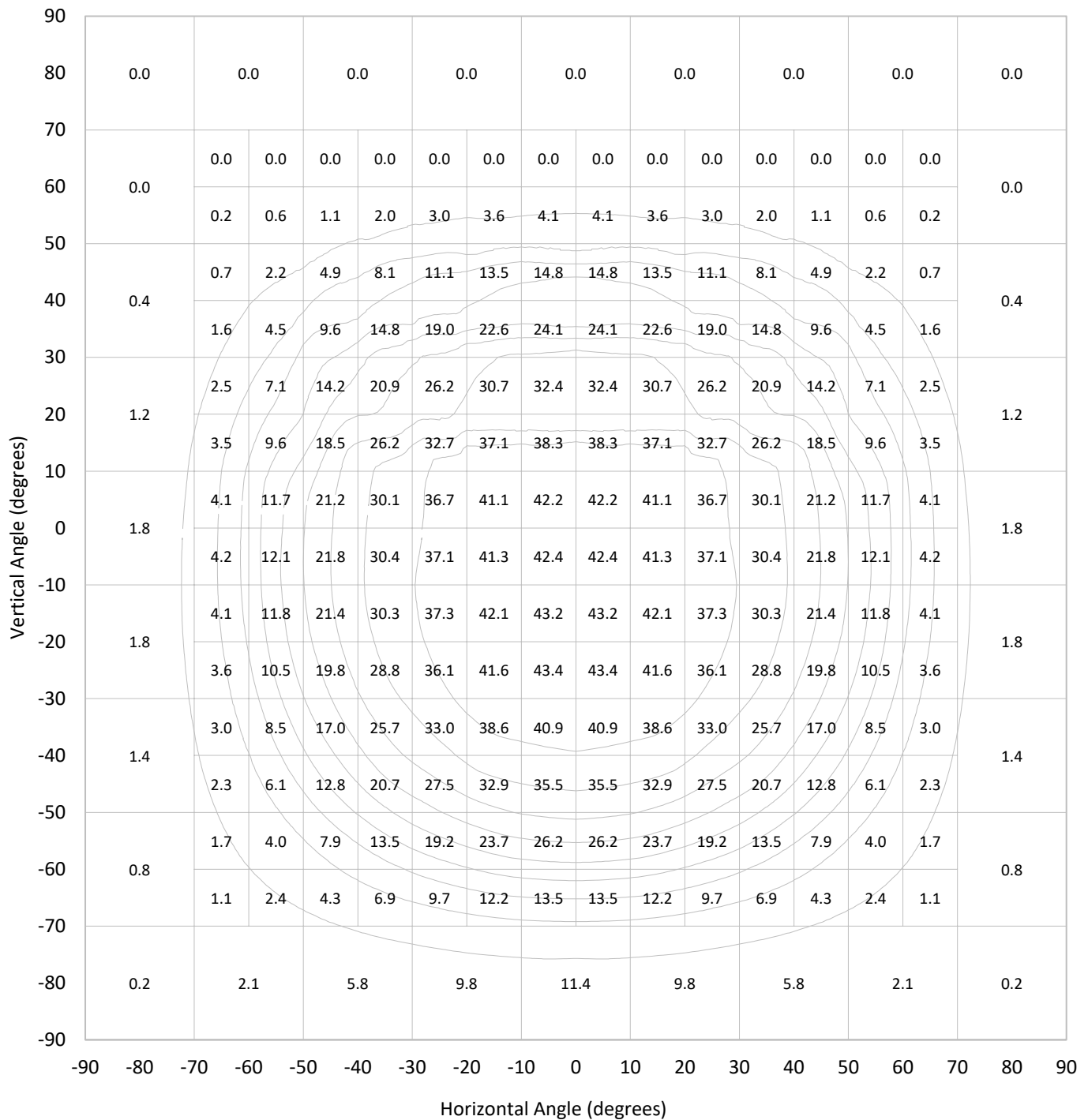
### Iso-Candela Plot





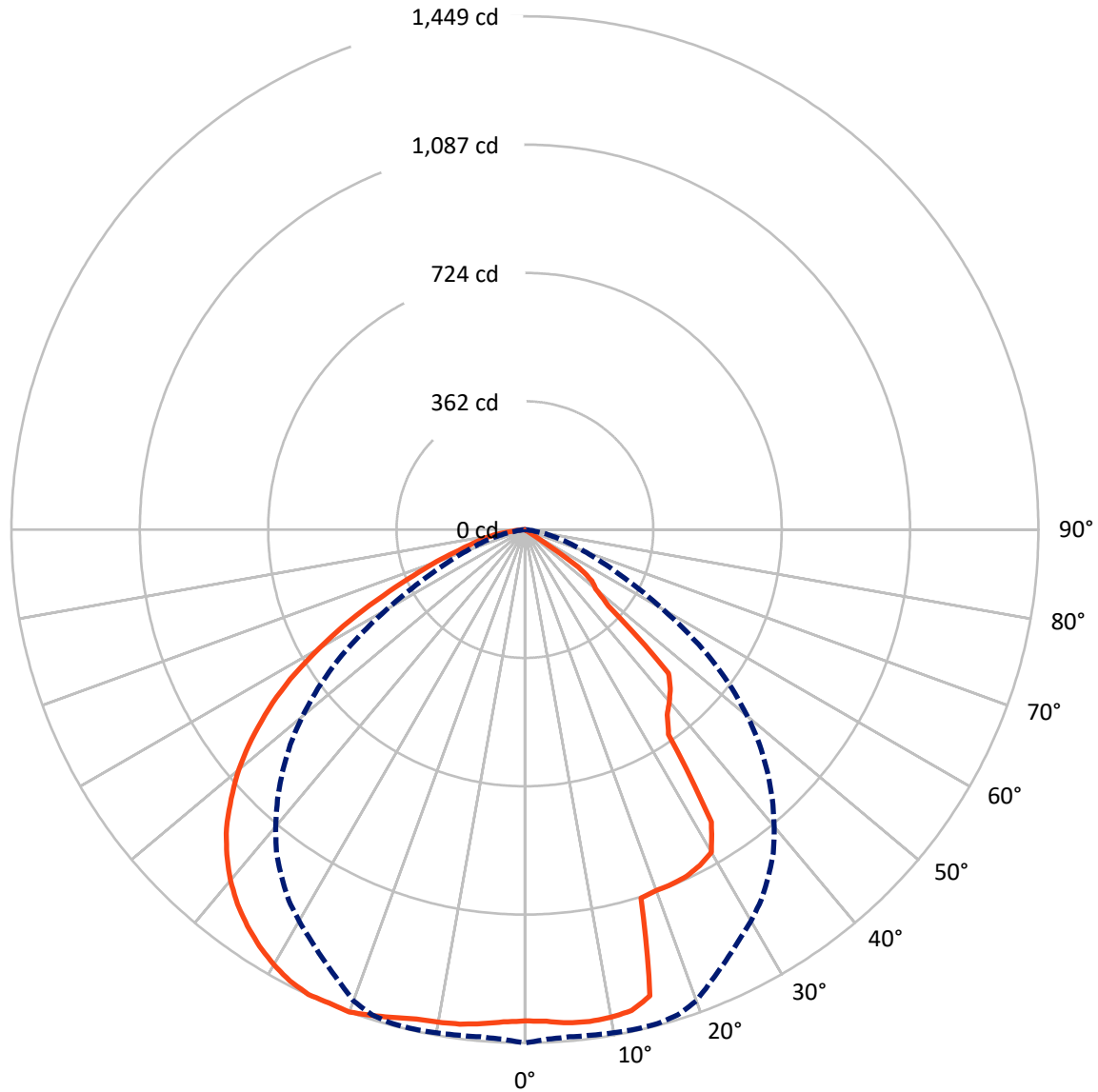
REPORT NUMBER: P645317 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Lumen Table



REPORT NUMBER: P645317 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1B-750-U-LAM-VSR-XX

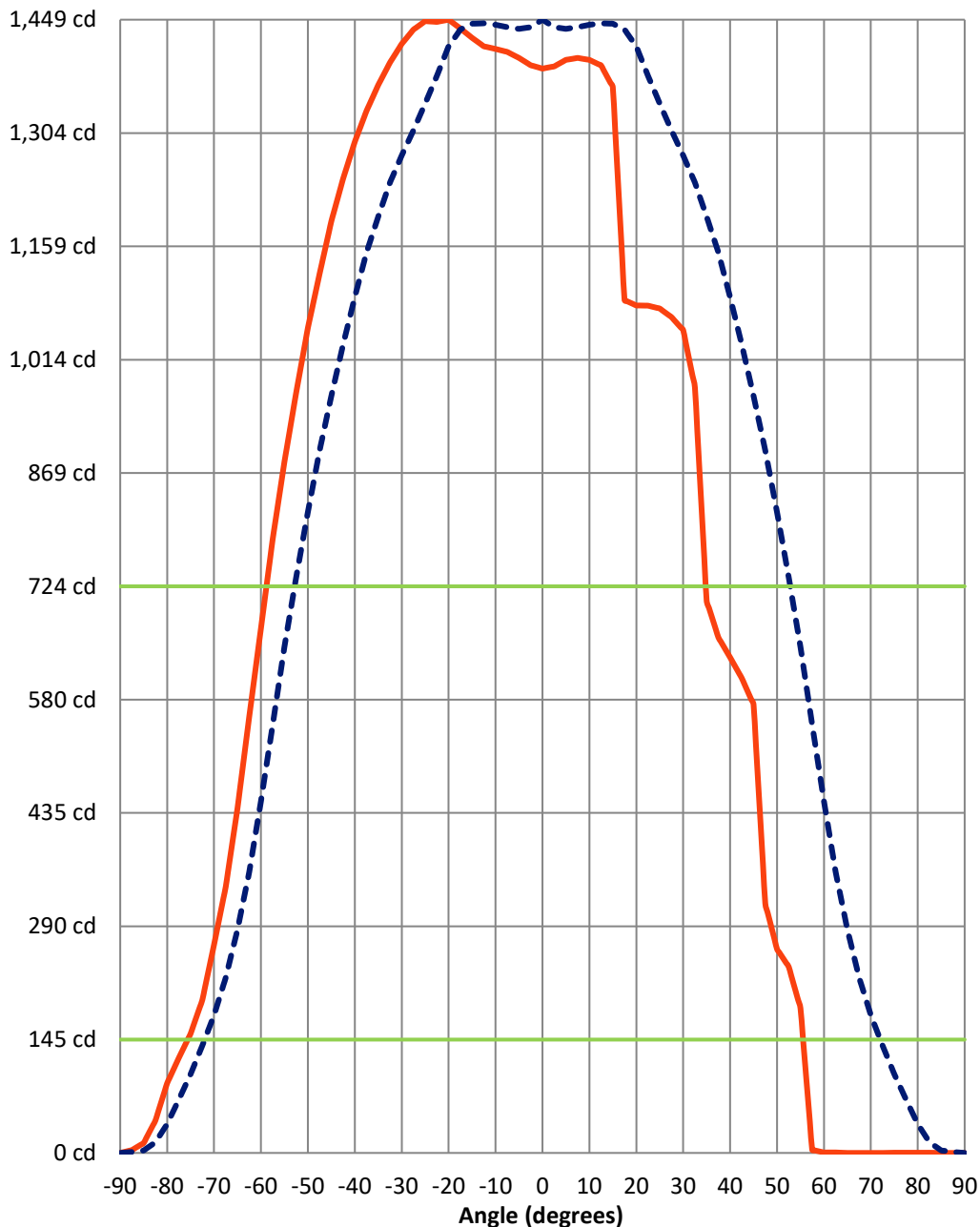
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through -20-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 105.6°  
 V Angle: 93.7°  
 Lumens: 2655.7  
 Efficiency: 78.2%

**Field:**  
 H Angle: 144°  
 V Angle: 131.2°  
 Lumens: 3329.6  
 Efficiency: 98.0%

**Spill:**  
 Lumens: 67.5  
 Efficiency: 2.0%

— Vertical Distribution through 0-Deg  
 - - Horizontal Distribution through -20-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	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1
85°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
82.5°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.5	0.4	0.3
80°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.5	0.5	0.4	0.3
77.5°	0.0	0.2	0.3	0.4	0.5	0.6	0.6	0.5	0.5	0.4	0.3
75°	0.0	0.2	0.3	0.5	0.6	0.6	0.6	0.5	0.5	0.4	0.3
72.5°	0.0	0.2	0.4	0.5	0.6	0.6	0.6	0.5	0.5	0.4	0.3
70°	0.0	0.3	0.4	0.6	0.7	0.7	0.6	0.6	0.5	0.4	0.5
67.5°	0.0	0.3	0.5	0.6	0.7	0.7	0.7	0.6	0.5	0.7	0.7
65°	0.0	0.3	0.5	0.7	0.7	0.8	0.8	0.6	0.8	1.0	1.2
62.5°	0.0	0.4	0.6	0.7	0.8	1.0	1.0	0.8	1.2	1.7	2.7
60°	0.0	0.4	0.6	0.7	0.8	1.2	1.1	1.2	1.5	4.3	4.7
57.5°	0.0	0.4	0.7	0.8	1.0	1.5	2.1	1.7	4.2	7.3	8.5
55°	0.0	0.4	0.7	0.8	1.3	1.7	3.4	2.7	7.8	11.3	13.7
52.5°	0.0	0.5	0.7	0.8	1.6	2.2	4.9	6.8	11.7	17.7	19.9
50°	0.0	0.5	0.8	0.9	1.8	3.8	6.6	11.5	16.8	24.8	31.1
47.5°	0.0	0.5	0.8	0.9	2.1	5.6	8.8	16.4	24.1	32.7	42.5
45°	0.0	0.6	0.8	1.2	2.5	7.4	13.3	21.5	32.4	42.6	53.6
42.5°	0.0	0.6	0.9	1.4	2.8	9.4	17.8	28.0	40.8	52.2	66.4
40°	0.0	0.6	0.9	1.7	3.7	11.4	22.5	35.4	49.5	61.7	80.1
37.5°	0.0	0.6	1.0	2.1	5.4	13.6	27.3	42.8	58.5	73.1	94.5
35°	0.0	0.7	1.0	2.5	7.0	16.9	32.1	50.2	67.8	87.0	111.4
32.5°	0.0	0.7	1.0	3.0	8.7	20.7	37.4	57.6	77.1	101.1	131.9
30°	0.0	0.7	1.1	3.5	10.4	24.5	43.3	65.0	86.5	115.2	151.6
27.5°	0.0	0.7	1.1	4.0	12.4	28.2	49.2	72.8	96.9	129.2	170.5
25°	0.0	0.8	1.2	4.5	14.5	31.9	55.0	80.4	108.6	144.6	188.5
22.5°	0.0	0.8	1.2	5.1	16.6	35.6	60.5	88.0	120.0	159.9	206.7
20°	0.0	0.8	1.2	5.7	18.7	39.7	65.9	95.4	131.2	174.4	224.4
17.5°	0.0	0.8	1.3	6.3	20.8	43.6	71.2	102.6	142.0	188.0	241.6
15°	0.0	0.8	1.3	6.9	22.8	47.3	76.3	109.2	152.4	200.6	258.1
12.5°	0.0	0.8	1.3	7.5	24.7	50.9	81.1	115.2	160.6	212.4	273.8
10°	0.0	0.9	1.4	8.1	26.6	54.3	85.6	120.6	166.8	219.4	286.6
7.5°	0.0	0.9	1.4	8.7	28.3	57.4	89.6	125.6	172.1	224.9	294.1
5°	0.0	0.9	1.4	9.2	30.0	60.3	93.3	130.1	176.5	229.3	300.2
2.5°	0.0	0.9	1.5	9.7	31.5	63.0	96.7	134.1	180.0	232.7	304.9
0°	0.0	0.9	1.5	10.2	32.8	65.3	99.6	137.6	182.8	235.1	308.1
-2.5°	0.0	1.0	1.7	10.9	34.0	66.8	101.1	139.6	183.8	238.1	310.2
-5°	0.0	1.0	2.0	11.5	35.1	67.9	102.1	141.1	184.1	240.1	310.8
-7.5°	0.0	1.1	2.2	12.0	36.0	68.8	102.8	142.1	183.9	240.9	310.1
-10°	0.0	1.1	2.4	12.5	36.6	69.3	103.1	142.4	183.1	240.4	308.1
-12.5°	0.0	1.1	2.7	12.9	37.0	69.5	103.1	142.2	181.8	238.5	304.7
-15°	0.0	1.2	2.9	13.2	37.3	69.4	102.7	141.4	180.4	234.7	299.9
-17.5°	0.0	1.2	3.0	13.4	37.2	69.0	101.9	139.7	178.6	230.0	293.5
-20°	0.0	1.2	3.2	13.6	36.9	68.3	100.8	137.2	176.1	224.3	285.6

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA1B-750-U-LAM-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	1.3	3.4	13.6	36.4	67.2	99.1	134.3	172.9	217.8	276.2
-25°	0.0	1.3	3.5	13.5	35.6	65.6	97.0	130.9	168.9	210.5	265.4
-27.5°	0.0	1.3	3.6	13.4	34.6	63.6	94.5	127.1	164.1	203.4	255.8
-30°	0.0	1.3	3.7	13.1	33.3	61.3	91.7	122.8	158.9	197.4	245.6
-32.5°	0.0	1.3	3.8	12.7	31.8	58.7	88.4	118.8	153.3	190.5	234.6
-35°	0.0	1.3	3.9	12.2	30.1	55.9	84.9	114.6	147.3	182.7	223.0
-37.5°	0.0	1.3	3.9	11.6	28.2	53.0	81.2	110.0	140.9	174.0	211.5
-40°	0.0	1.3	3.9	10.9	26.2	50.5	77.1	104.9	134.0	165.7	200.2
-42.5°	0.0	1.3	3.9	10.1	24.7	47.7	72.8	99.4	127.4	156.9	188.0
-45°	0.0	1.3	3.8	9.3	23.7	44.8	68.2	93.8	120.7	147.6	175.3
-47.5°	0.0	1.2	3.8	8.4	22.4	41.7	63.3	88.1	113.4	137.9	164.4
-50°	0.0	1.2	3.7	8.1	21.0	38.4	59.2	82.1	105.4	128.9	153.0
-52.5°	0.0	1.2	3.5	8.0	19.4	35.0	55.2	75.9	97.7	119.6	141.2
-55°	0.0	1.1	3.4	7.7	17.6	32.4	50.9	69.5	90.0	110.1	130.8
-57.5°	0.0	1.0	3.2	7.4	15.7	29.7	46.5	64.5	82.0	101.0	120.1
-60°	0.0	1.0	3.1	7.0	13.7	26.9	42.1	59.0	74.1	91.8	109.4
-62.5°	0.0	0.9	2.9	6.5	12.7	23.8	38.0	53.0	66.7	82.4	99.0
-65°	0.0	0.9	2.7	5.9	11.6	20.5	33.7	46.8	58.9	72.9	88.3
-67.5°	0.0	0.8	2.5	5.3	10.4	17.7	29.1	40.6	50.7	63.0	76.8
-70°	0.0	0.7	2.2	4.6	9.0	15.5	24.2	34.3	43.4	52.7	64.5
-72.5°	0.0	0.6	2.0	4.0	7.6	13.1	20.5	27.8	35.9	44.1	52.4
-75°	0.0	0.5	1.7	3.5	6.0	10.6	16.8	22.4	28.2	35.4	42.7
-77.5°	0.0	0.5	1.4	3.0	5.0	8.0	12.9	17.3	22.0	27.0	32.7
-80°	0.0	0.4	1.2	2.4	4.0	6.1	8.8	12.2	15.7	19.6	23.8
-82.5°	0.0	0.3	0.9	1.8	3.0	4.6	6.5	7.8	9.4	12.2	15.1
-85°	0.0	0.2	0.6	1.2	2.0	3.1	4.3	5.2	6.1	7.1	8.1
-87.5°	0.0	0.1	0.3	0.6	1.0	1.5	2.2	2.6	3.1	3.6	4.1
-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: P645317 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-750-U-LAM-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°	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
82.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
80°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
77.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
72.5°	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
70°	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
67.5°	0.6	0.5	0.4	0.4	0.4	0.5	0.4	0.4	0.3	0.3	0.3
65°	0.6	0.5	0.8	0.9	0.6	0.5	0.5	0.4	0.4	0.4	0.4
62.5°	0.9	1.1	1.5	2.6	1.9	0.6	1.0	1.2	0.9	0.7	0.8
60°	3.0	2.1	6.1	8.7	5.4	2.0	2.4	8.1	7.0	1.3	4.4
57.5°	6.4	8.7	16.1	16.3	11.3	7.8	22.7	26.2	19.8	11.6	17.7
55°	14.0	21.5	26.6	24.6	26.9	40.8	48.4	43.5	36.6	56.3	72.0
52.5°	27.3	35.0	36.7	42.1	60.3	69.3	66.4	71.1	92.1	114.4	119.3
50°	40.4	46.6	51.4	74.4	88.7	89.6	96.2	117.0	145.2	158.8	155.6
47.5°	52.9	59.4	82.1	104.2	110.6	119.3	135.8	176.2	206.0	206.6	203.2
45°	66.2	83.5	112.6	126.9	137.3	154.2	194.1	249.8	252.7	260.7	310.4
42.5°	80.4	110.8	136.1	151.1	167.8	199.4	252.7	289.2	301.7	337.1	377.1
40°	103.5	137.1	159.2	178.4	199.9	246.0	304.3	338.5	348.7	379.3	409.4
37.5°	126.8	159.1	183.9	207.0	236.9	299.1	366.5	394.7	399.9	405.5	472.1
35°	149.3	181.7	211.3	241.5	278.2	367.7	426.7	453.2	452.4	490.2	559.9
32.5°	170.4	204.7	239.7	280.1	340.5	432.3	491.3	507.2	531.3	586.3	681.4
30°	191.4	230.4	270.6	318.8	395.3	474.8	542.2	567.7	609.0	671.8	741.0
27.5°	213.1	256.8	305.4	361.8	438.5	511.6	569.1	630.2	670.3	726.5	775.8
25°	234.6	284.7	339.8	399.4	469.4	537.5	597.0	667.5	710.6	755.9	801.9
22.5°	257.2	313.0	375.2	429.3	495.4	559.5	630.4	706.9	762.8	791.6	822.5
20°	280.9	343.6	410.0	469.9	521.1	580.0	663.9	756.8	829.0	861.5	865.7
17.5°	304.1	373.3	444.6	509.4	564.7	617.2	699.1	816.6	906.4	936.6	950.0
15°	326.9	401.8	479.1	548.0	608.7	672.8	760.3	879.8	982.5	1015.8	1036.9
12.5°	348.8	429.0	513.0	585.2	652.6	724.6	815.8	925.2	1019.0	1083.5	1122.2
10°	369.7	454.7	545.9	621.0	696.1	772.6	861.8	959.1	1035.4	1097.6	1152.6
7.5°	380.3	471.5	574.2	655.0	738.5	817.0	899.4	982.9	1047.2	1108.3	1161.4
5°	387.4	478.4	583.0	666.9	761.0	846.6	926.6	998.6	1055.0	1115.4	1167.4
2.5°	392.5	482.9	589.0	673.4	769.5	855.7	934.4	1003.9	1061.3	1120.6	1173.8
0°	395.6	485.0	592.0	677.4	774.8	861.7	939.0	1005.9	1065.6	1123.1	1180.3
-2.5°	397.3	491.5	594.0	687.7	779.9	866.9	945.4	1010.6	1073.0	1127.8	1185.1
-5°	397.1	495.4	593.5	694.6	782.4	868.9	948.6	1012.8	1077.0	1131.3	1187.1
-7.5°	395.0	496.3	590.8	696.7	782.5	868.2	947.2	1013.8	1077.0	1134.5	1187.3
-10°	391.1	492.7	588.3	691.1	779.5	864.7	942.9	1011.5	1074.4	1133.8	1186.2
-12.5°	386.6	485.5	583.2	683.1	773.4	858.1	936.4	1005.7	1069.7	1129.0	1183.9
-15°	379.8	475.9	574.7	672.8	764.1	848.5	928.0	996.3	1062.5	1120.5	1176.9
-17.5°	370.6	464.0	562.8	660.7	751.6	836.0	917.2	983.8	1049.7	1109.6	1164.0
-20°	359.1	449.8	547.3	646.9	735.7	819.3	897.9	967.7	1033.1	1094.1	1151.2



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 CATALOG NUMBER: GFLD-SA1B-750-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	345.2	433.6	528.7	628.3	715.9	798.5	876.2	947.1	1014.9	1073.9	1134.8
-25°	331.3	416.4	508.0	602.5	692.9	775.2	853.1	922.2	991.5	1052.8	1110.6
-27.5°	317.9	396.5	484.1	574.2	666.8	748.7	825.9	895.0	962.4	1029.4	1085.1
-30°	302.9	373.5	457.9	543.9	634.2	717.6	795.4	867.1	931.2	997.3	1057.1
-32.5°	286.3	349.1	430.2	512.9	598.1	683.3	760.3	831.6	898.2	960.9	1023.6
-35°	270.2	329.3	400.8	479.7	559.8	643.4	720.5	791.1	860.2	922.3	982.3
-37.5°	255.6	308.0	369.6	444.9	521.5	600.6	679.0	747.3	813.1	881.3	939.8
-40°	239.8	285.1	342.6	409.2	481.3	556.5	631.6	702.3	764.1	831.5	895.9
-42.5°	223.3	266.4	315.9	371.3	439.4	510.3	582.8	652.0	716.2	779.7	843.5
-45°	208.9	246.6	288.8	339.4	394.8	461.5	530.2	599.1	660.7	721.3	784.3
-47.5°	193.6	226.7	265.8	306.2	354.3	410.1	474.7	538.2	601.3	659.0	714.7
-50°	178.3	208.8	240.9	277.3	317.1	362.2	415.8	474.9	532.6	591.8	647.0
-52.5°	165.1	190.0	219.0	249.3	283.4	320.8	363.7	412.2	464.7	514.9	570.0
-55°	151.4	173.9	197.2	224.0	252.3	283.9	319.1	359.8	399.8	446.3	491.2
-57.5°	138.9	157.9	177.8	199.9	224.5	249.7	280.5	312.2	348.5	384.6	420.2
-60°	127.1	142.6	159.6	178.3	198.0	220.5	243.4	270.7	299.9	328.7	358.9
-62.5°	115.2	128.3	142.1	157.6	174.9	191.9	211.5	232.4	253.9	278.4	302.2
-65°	103.1	113.6	125.3	138.2	151.9	166.4	181.5	197.0	215.3	233.2	250.5
-67.5°	90.2	99.1	108.6	118.7	130.3	141.6	153.0	166.1	179.6	192.8	206.5
-70°	75.8	84.3	92.2	100.4	109.0	117.9	127.6	137.2	146.7	156.6	167.6
-72.5°	61.2	69.0	76.0	82.0	89.1	96.5	103.5	110.3	117.5	125.0	132.5
-75°	48.8	54.0	60.2	65.8	71.4	76.6	81.3	87.0	93.0	98.5	103.0
-77.5°	38.1	42.8	47.0	50.8	55.3	60.5	65.0	68.9	72.7	76.9	81.3
-80°	27.7	31.6	35.5	39.0	41.5	44.5	48.0	51.9	55.4	58.2	60.8
-82.5°	17.9	20.7	23.6	26.5	27.7	28.5	29.3	30.6	32.8	34.9	36.9
-85°	8.9	9.7	11.5	13.3	13.9	14.3	14.6	14.8	15.5	16.2	16.8
-87.5°	4.5	4.9	5.3	5.7	5.5	5.2	4.8	4.4	4.3	4.1	4.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645317 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-750-U-LAM-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°	0.2	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.0	0.0	0.0
85°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.1
82.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
80°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
77.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
72.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
70°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
67.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2
65°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2
62.5°	0.8	0.9	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5
60°	4.8	2.8	1.6	1.9	1.7	1.1	1.5	1.7	1.8	1.6	1.4
57.5°	26.9	20.1	14.8	35.5	35.6	17.0	20.5	32.2	26.5	8.7	8.1
55°	74.8	89.5	117.8	111.9	113.7	130.7	142.8	126.4	123.9	132.0	152.5
52.5°	134.4	148.4	157.9	166.8	177.6	189.2	201.2	208.8	216.0	223.6	228.1
50°	171.6	191.3	204.8	199.8	227.8	239.3	227.7	238.1	250.8	254.3	255.9
47.5°	253.4	282.2	288.0	306.6	323.3	322.9	308.8	309.6	347.4	380.7	397.1
45°	364.1	365.1	383.3	416.1	439.6	432.2	452.0	497.1	512.1	526.6	538.5
42.5°	407.3	425.1	454.1	483.2	500.7	515.9	530.5	547.1	566.6	582.4	595.0
40°	449.0	463.5	493.1	516.6	531.0	545.2	562.3	580.7	598.5	612.4	621.8
37.5°	513.4	524.5	531.7	553.5	580.9	568.3	600.7	624.0	634.6	648.7	649.9
35°	610.6	603.2	593.6	680.0	685.2	656.1	686.4	722.5	703.4	743.0	764.3
32.5°	696.9	695.8	771.2	816.7	790.6	811.9	881.9	878.8	925.4	947.1	940.9
30°	778.1	805.8	849.5	883.4	887.9	921.6	952.7	979.9	1008.0	1033.3	1035.0
27.5°	819.4	855.6	885.2	904.8	926.6	955.0	983.2	1013.8	1037.8	1053.6	1057.5
25°	844.3	881.3	903.8	924.8	948.9	973.4	1005.0	1038.4	1057.6	1067.4	1070.5
22.5°	866.3	899.6	923.7	940.7	966.7	993.1	1022.5	1050.7	1071.7	1075.9	1077.5
20°	887.5	919.4	959.7	984.9	983.7	1013.3	1041.6	1064.1	1081.6	1081.4	1081.8
17.5°	948.8	960.2	1033.3	1088.8	1061.3	1046.8	1124.8	1126.3	1130.9	1121.7	1101.7
15°	1039.5	1060.2	1150.0	1210.2	1191.3	1190.3	1302.9	1274.9	1299.0	1292.7	1319.8
12.5°	1135.6	1160.1	1227.2	1286.3	1314.4	1321.3	1359.0	1394.2	1401.5	1398.7	1393.3
10°	1201.0	1236.0	1262.9	1298.8	1327.2	1356.1	1378.0	1403.3	1411.6	1406.7	1399.9
7.5°	1209.5	1244.1	1275.7	1307.2	1334.2	1357.6	1380.2	1400.8	1409.2	1406.4	1401.8
5°	1215.0	1246.2	1276.9	1308.9	1334.7	1356.3	1378.9	1399.7	1404.7	1401.4	1396.8
2.5°	1218.3	1247.2	1276.8	1308.6	1332.1	1352.7	1375.6	1397.8	1397.7	1396.3	1393.6
0°	1219.9	1249.0	1283.3	1312.1	1338.4	1357.8	1380.4	1402.1	1400.5	1396.5	1391.9
-2.5°	1223.4	1252.9	1287.9	1311.7	1341.4	1359.2	1382.5	1401.3	1400.6	1398.6	1396.3
-5°	1226.5	1259.6	1292.4	1317.5	1347.2	1370.5	1393.7	1408.4	1409.2	1406.4	1402.5
-7.5°	1228.3	1265.1	1296.4	1321.6	1350.4	1377.5	1401.1	1416.4	1416.8	1413.1	1408.4
-10°	1227.7	1266.5	1298.7	1324.7	1354.2	1381.0	1405.6	1425.2	1424.5	1421.0	1417.1
-12.5°	1225.4	1264.1	1297.2	1323.3	1356.8	1384.4	1412.1	1431.5	1432.5	1429.9	1425.6
-15°	1220.3	1260.3	1292.5	1320.9	1353.8	1386.1	1414.5	1435.9	1439.7	1437.6	1434.2
-17.5°	1210.2	1252.4	1286.5	1317.3	1348.7	1383.2	1415.5	1438.9	1444.1	1443.3	1440.5
-20°	1197.0	1240.6	1275.2	1307.4	1341.6	1377.0	1414.7	1436.1	1443.6	1444.1	1442.3



REPORT NUMBER: P645317 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-750-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1182.1	1224.8	1261.5	1293.2	1330.4	1366.2	1400.3	1425.3	1438.0	1440.4	1440.6
-25°	1164.3	1208.1	1244.6	1278.3	1312.9	1350.0	1384.4	1412.4	1425.3	1431.4	1433.3
-27.5°	1139.2	1184.4	1220.3	1255.9	1291.1	1329.4	1365.6	1396.0	1406.5	1415.0	1418.4
-30°	1109.7	1154.5	1191.1	1223.6	1263.9	1302.9	1340.2	1366.7	1382.6	1392.3	1397.6
-32.5°	1075.8	1121.0	1159.4	1193.4	1231.7	1270.7	1305.8	1333.8	1355.6	1366.8	1372.4
-35°	1039.0	1085.1	1125.3	1161.2	1197.2	1234.4	1270.8	1300.1	1324.9	1334.5	1341.6
-37.5°	994.7	1045.6	1086.8	1123.7	1158.0	1192.9	1230.8	1264.3	1288.5	1297.8	1305.3
-40°	949.2	998.4	1040.0	1079.4	1113.2	1151.4	1187.9	1223.0	1243.9	1254.8	1263.3
-42.5°	901.2	945.6	985.2	1023.5	1061.1	1100.4	1136.9	1173.4	1191.5	1204.6	1215.0
-45°	845.7	887.1	925.6	961.4	1000.2	1038.9	1075.4	1107.6	1129.1	1146.2	1159.5
-47.5°	771.9	822.3	860.9	894.9	933.4	970.7	1006.1	1036.4	1060.0	1080.0	1095.4
-50°	696.9	745.2	788.7	827.0	862.7	897.2	930.9	960.5	985.5	1007.1	1022.8
-52.5°	623.0	668.3	711.5	751.0	785.3	817.8	848.6	878.5	904.8	928.0	943.1
-55°	539.5	586.4	629.1	666.0	700.3	732.4	762.8	791.1	817.1	840.7	855.1
-57.5°	461.1	502.3	542.1	576.1	608.5	639.1	667.9	695.0	720.0	742.2	756.1
-60°	389.1	419.1	453.3	484.8	513.5	539.5	566.5	591.7	614.7	634.2	647.2
-62.5°	325.5	350.3	375.1	398.9	422.2	445.7	468.2	489.1	508.3	524.3	535.7
-65°	268.8	288.8	306.6	323.6	339.7	358.2	375.3	391.4	406.3	418.6	427.3
-67.5°	221.3	235.4	247.7	259.3	272.1	285.1	297.3	308.0	317.1	324.3	330.1
-70°	178.5	188.8	198.1	207.4	216.7	225.2	233.3	241.1	248.6	254.6	259.2
-72.5°	139.8	146.9	153.2	160.3	167.0	173.4	179.1	183.6	187.1	190.5	193.5
-75°	106.6	111.9	119.0	125.1	130.1	134.5	138.5	142.1	145.3	148.1	150.6
-77.5°	85.7	90.2	94.8	99.2	103.4	106.6	109.6	112.5	115.4	117.8	120.0
-80°	63.5	66.9	70.4	73.9	77.5	79.2	80.6	81.9	83.1	84.6	86.0
-82.5°	38.8	40.7	42.7	44.7	46.6	47.1	47.3	47.3	47.0	46.5	45.6
-85°	17.2	17.4	17.3	17.1	16.8	16.1	15.3	14.3	13.2	13.1	12.9
-87.5°	3.8	3.7	3.6	3.5	3.4	3.3	3.3	3.3	3.3	3.4	3.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645317 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-750-U-LAM-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	0.1
85°	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.3
82.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
80°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
77.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
72.5°	0.3	0.3	0.2	0.0	0.2	0.3	0.3	0.3	0.3	0.3	0.3
70°	0.3	0.3	0.2	0.0	0.2	0.3	0.3	0.3	0.3	0.3	0.3
67.5°	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.3	0.3
65°	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.3	0.4
62.5°	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.6
60°	1.1	0.7	0.6	0.6	0.6	0.7	1.1	1.4	1.6	1.8	1.7
57.5°	6.8	5.1	4.3	4.0	4.3	5.1	6.8	8.1	8.7	26.5	32.2
55°	167.2	175.7	182.1	185.0	182.1	175.7	167.2	152.5	132.0	123.9	126.4
52.5°	232.1	235.8	237.9	237.9	237.9	235.8	232.1	228.1	223.6	216.0	208.8
50°	258.7	260.5	261.1	260.7	261.1	260.5	258.7	255.9	254.3	250.8	238.1
47.5°	382.1	349.0	324.7	318.9	324.7	349.0	382.1	397.1	380.7	347.4	309.6
45°	544.2	556.8	569.2	573.1	569.2	556.8	544.2	538.5	526.6	512.1	497.1
42.5°	600.3	604.4	606.8	606.9	606.8	604.4	600.3	595.0	582.4	566.6	547.1
40°	627.1	631.0	633.3	633.5	633.3	631.0	627.1	621.8	612.4	598.5	580.7
37.5°	651.5	654.8	657.0	659.1	657.0	654.8	651.5	649.9	648.7	634.6	624.0
35°	761.5	736.5	700.7	706.1	700.7	736.5	761.5	764.3	743.0	703.4	722.5
32.5°	950.5	961.0	967.5	978.6	967.5	961.0	950.5	940.9	947.1	925.4	878.8
30°	1037.8	1041.2	1046.5	1051.9	1046.5	1041.2	1037.8	1035.0	1033.3	1008.0	979.9
27.5°	1059.5	1063.1	1066.3	1068.6	1066.3	1063.1	1059.5	1057.5	1053.6	1037.8	1013.8
25°	1070.9	1073.1	1076.5	1079.5	1076.5	1073.1	1070.9	1070.5	1067.4	1057.6	1038.4
22.5°	1076.6	1076.8	1079.4	1083.2	1079.4	1076.8	1076.6	1077.5	1075.9	1071.7	1050.7
20°	1080.4	1078.3	1081.0	1083.5	1081.0	1078.3	1080.4	1081.8	1081.4	1081.6	1064.1
17.5°	1129.9	1101.7	1090.1	1090.3	1090.1	1101.7	1129.9	1101.7	1121.7	1130.9	1126.3
15°	1289.4	1300.0	1340.6	1362.5	1340.6	1300.0	1289.4	1319.8	1292.7	1299.0	1274.9
12.5°	1392.3	1388.6	1383.7	1390.3	1383.7	1388.6	1392.3	1393.3	1398.7	1401.5	1394.2
10°	1397.1	1396.7	1388.1	1397.4	1388.1	1396.7	1397.1	1399.9	1406.7	1411.6	1403.3
7.5°	1394.2	1394.5	1390.8	1399.9	1390.8	1394.5	1394.2	1401.8	1406.4	1409.2	1400.8
5°	1396.1	1389.8	1392.2	1397.4	1392.2	1389.8	1396.1	1396.8	1401.4	1404.7	1399.7
2.5°	1390.7	1390.1	1385.4	1389.1	1385.4	1390.1	1390.7	1393.6	1396.3	1397.7	1397.8
0°	1386.6	1383.2	1383.2	1386.3	1383.2	1383.2	1386.6	1391.9	1396.5	1400.5	1402.1
-2.5°	1393.9	1393.2	1392.8	1390.6	1392.8	1393.2	1393.9	1396.3	1398.6	1400.6	1401.3
-5°	1399.9	1398.1	1393.0	1399.9	1393.0	1398.1	1399.9	1402.5	1406.4	1409.2	1408.4
-7.5°	1406.4	1401.7	1396.9	1407.6	1396.9	1401.7	1406.4	1408.4	1413.1	1416.8	1416.4
-10°	1412.3	1405.5	1400.8	1411.4	1400.8	1405.5	1412.3	1417.1	1421.0	1424.5	1425.2
-12.5°	1420.1	1412.2	1409.0	1414.8	1409.0	1412.2	1420.1	1425.6	1429.9	1432.5	1431.5
-15°	1428.5	1423.0	1422.2	1425.6	1422.2	1423.0	1428.5	1434.2	1437.6	1439.7	1435.9
-17.5°	1435.8	1431.9	1433.8	1437.6	1433.8	1431.9	1435.8	1440.5	1443.3	1444.1	1438.9
-20°	1439.3	1437.1	1439.2	1448.8	1439.2	1437.1	1439.3	1442.3	1444.1	1443.6	1436.1



REPORT NUMBER: P645317 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-750-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1439.0	1439.1	1442.9	1446.0	1442.9	1439.1	1439.0	1440.6	1440.4	1438.0	1425.3
-25°	1433.5	1436.4	1440.7	1446.9	1440.7	1436.4	1433.5	1433.3	1431.4	1425.3	1412.4
-27.5°	1420.2	1425.0	1429.5	1436.1	1429.5	1425.0	1420.2	1418.4	1415.0	1406.5	1396.0
-30°	1401.1	1406.8	1410.9	1417.8	1410.9	1406.8	1401.1	1397.6	1392.3	1382.6	1366.7
-32.5°	1377.8	1384.2	1389.0	1394.0	1389.0	1384.2	1377.8	1372.4	1366.8	1355.6	1333.8
-35°	1348.6	1355.6	1360.7	1365.3	1360.7	1355.6	1348.6	1341.6	1334.5	1324.9	1300.1
-37.5°	1313.7	1321.2	1327.0	1332.2	1327.0	1321.2	1313.7	1305.3	1297.8	1288.5	1264.3
-40°	1272.9	1280.6	1286.8	1292.6	1286.8	1280.6	1272.9	1263.3	1254.8	1243.9	1223.0
-42.5°	1225.2	1233.0	1239.4	1245.3	1239.4	1233.0	1225.2	1215.0	1204.6	1191.5	1173.4
-45°	1170.1	1178.2	1184.9	1191.1	1184.9	1178.2	1170.1	1159.5	1146.2	1129.1	1107.6
-47.5°	1106.7	1115.3	1121.1	1124.0	1121.1	1115.3	1106.7	1095.4	1080.0	1060.0	1036.4
-50°	1034.1	1042.7	1049.6	1054.7	1049.6	1042.7	1034.1	1022.8	1007.1	985.5	960.5
-52.5°	954.1	962.2	968.2	971.8	968.2	962.2	954.1	943.1	928.0	904.8	878.5
-55°	866.5	875.0	880.7	883.4	880.7	875.0	866.5	855.1	840.7	817.1	791.1
-57.5°	767.2	775.3	781.3	784.7	781.3	775.3	767.2	756.1	742.2	720.0	695.0
-60°	657.3	664.6	669.1	670.9	669.1	664.6	657.3	647.2	634.2	614.7	591.7
-62.5°	544.9	551.8	556.0	557.7	556.0	551.8	544.9	535.7	524.3	508.3	489.1
-65°	433.7	438.0	440.4	440.8	440.4	438.0	433.7	427.3	418.6	406.3	391.4
-67.5°	334.6	337.8	339.8	340.5	339.8	337.8	334.6	330.1	324.3	317.1	308.0
-70°	262.5	264.8	266.1	266.3	266.1	264.8	262.5	259.2	254.6	248.6	241.1
-72.5°	195.8	197.4	196.8	195.5	196.8	197.4	195.8	193.5	190.5	187.1	183.6
-75°	152.7	154.5	153.8	152.5	153.8	154.5	152.7	150.6	148.1	145.3	142.1
-77.5°	122.0	123.6	122.8	121.6	122.8	123.6	122.0	120.0	117.8	115.4	112.5
-80°	87.2	88.1	88.8	89.1	88.8	88.1	87.2	86.0	84.6	83.1	81.9
-82.5°	44.6	43.3	42.4	41.4	42.4	43.3	44.6	45.6	46.5	47.0	47.3
-85°	12.6	12.3	12.5	12.7	12.5	12.3	12.6	12.9	13.1	13.2	14.3
-87.5°	3.6	3.7	3.7	3.7	3.7	3.7	3.6	3.5	3.4	3.3	3.3
-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: P645317 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-750-U-LAM-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°	0.1	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2
85°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
82.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
80°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
77.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
72.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
70°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
67.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
65°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
62.5°	0.6	0.6	0.7	0.7	0.7	0.9	0.8	0.8	0.7	0.9	1.2
60°	1.5	1.1	1.7	1.9	1.6	2.8	4.8	4.4	1.3	7.0	8.1
57.5°	20.5	17.0	35.6	35.5	14.8	20.1	26.9	17.7	11.6	19.8	26.2
55°	142.8	130.7	113.7	111.9	117.8	89.5	74.8	72.0	56.3	36.6	43.5
52.5°	201.2	189.2	177.6	166.8	157.9	148.4	134.4	119.3	114.4	92.1	71.1
50°	227.7	239.3	227.8	199.8	204.8	191.3	171.6	155.6	158.8	145.2	117.0
47.5°	308.8	322.9	323.3	306.6	288.0	282.2	253.4	203.2	206.6	206.0	176.2
45°	452.0	432.2	439.6	416.1	383.3	365.1	364.1	310.4	260.7	252.7	249.8
42.5°	530.5	515.9	500.7	483.2	454.1	425.1	407.3	377.1	337.1	301.7	289.2
40°	562.3	545.2	531.0	516.6	493.1	463.5	449.0	409.4	379.3	348.7	338.5
37.5°	600.7	568.3	580.9	553.5	531.7	524.5	513.4	472.1	405.5	399.9	394.7
35°	686.4	656.1	685.2	680.0	593.6	603.2	610.6	559.9	490.2	452.4	453.2
32.5°	881.9	811.9	790.6	816.7	771.2	695.8	696.9	681.4	586.3	531.3	507.2
30°	952.7	921.6	887.9	883.4	849.5	805.8	778.1	741.0	671.8	609.0	567.7
27.5°	983.2	955.0	926.6	904.8	885.2	855.6	819.4	775.8	726.5	670.3	630.2
25°	1005.0	973.4	948.9	924.8	903.8	881.3	844.3	801.9	755.9	710.6	667.5
22.5°	1022.5	993.1	966.7	940.7	923.7	899.6	866.3	822.5	791.6	762.8	706.9
20°	1041.6	1013.3	983.7	984.9	959.7	919.4	887.5	865.7	861.5	829.0	756.8
17.5°	1124.8	1046.8	1061.3	1088.8	1033.3	960.2	948.8	950.0	936.6	906.4	816.6
15°	1302.9	1190.3	1191.3	1210.2	1150.0	1060.2	1039.5	1036.9	1015.8	982.5	879.8
12.5°	1359.0	1321.3	1314.4	1286.3	1227.2	1160.1	1135.6	1122.2	1083.5	1019.0	925.2
10°	1378.0	1356.1	1327.2	1298.8	1262.9	1236.0	1201.0	1152.6	1097.6	1035.4	959.1
7.5°	1380.2	1357.6	1334.2	1307.2	1275.7	1244.1	1209.5	1161.4	1108.3	1047.2	982.9
5°	1378.9	1356.3	1334.7	1308.9	1276.9	1246.2	1215.0	1167.4	1115.4	1055.0	998.6
2.5°	1375.6	1352.7	1332.1	1308.6	1276.8	1247.2	1218.3	1173.8	1120.6	1061.3	1003.9
0°	1380.4	1357.8	1338.4	1312.1	1283.3	1249.0	1219.9	1180.3	1123.1	1065.6	1005.9
-2.5°	1382.5	1359.2	1341.4	1311.7	1287.9	1252.9	1223.4	1185.1	1127.8	1073.0	1010.6
-5°	1393.7	1370.5	1347.2	1317.5	1292.4	1259.6	1226.5	1187.1	1131.3	1077.0	1012.8
-7.5°	1401.1	1377.5	1350.4	1321.6	1296.4	1265.1	1228.3	1187.3	1134.5	1077.0	1013.8
-10°	1405.6	1381.0	1354.2	1324.7	1298.7	1266.5	1227.7	1186.2	1133.8	1074.4	1011.5
-12.5°	1412.1	1384.4	1356.8	1323.3	1297.2	1264.1	1225.4	1183.9	1129.0	1069.7	1005.7
-15°	1414.5	1386.1	1353.8	1320.9	1292.5	1260.3	1220.3	1176.9	1120.5	1062.5	996.3
-17.5°	1415.5	1383.2	1348.7	1317.3	1286.5	1252.4	1210.2	1164.0	1109.6	1049.7	983.8
-20°	1414.7	1377.0	1341.6	1307.4	1275.2	1240.6	1197.0	1151.2	1094.1	1033.1	967.7



REPORT NUMBER: P645317 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-750-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1400.3	1366.2	1330.4	1293.2	1261.5	1224.8	1182.1	1134.8	1073.9	1014.9	947.1
-25°	1384.4	1350.0	1312.9	1278.3	1244.6	1208.1	1164.3	1110.6	1052.8	991.5	922.2
-27.5°	1365.6	1329.4	1291.1	1255.9	1220.3	1184.4	1139.2	1085.1	1029.4	962.4	895.0
-30°	1340.2	1302.9	1263.9	1223.6	1191.1	1154.5	1109.7	1057.1	997.3	931.2	867.1
-32.5°	1305.8	1270.7	1231.7	1193.4	1159.4	1121.0	1075.8	1023.6	960.9	898.2	831.6
-35°	1270.8	1234.4	1197.2	1161.2	1125.3	1085.1	1039.0	982.3	922.3	860.2	791.1
-37.5°	1230.8	1192.9	1158.0	1123.7	1086.8	1045.6	994.7	939.8	881.3	813.1	747.3
-40°	1187.9	1151.4	1113.2	1079.4	1040.0	998.4	949.2	895.9	831.5	764.1	702.3
-42.5°	1136.9	1100.4	1061.1	1023.5	985.2	945.6	901.2	843.5	779.7	716.2	652.0
-45°	1075.4	1038.9	1000.2	961.4	925.6	887.1	845.7	784.3	721.3	660.7	599.1
-47.5°	1006.1	970.7	933.4	894.9	860.9	822.3	771.9	714.7	659.0	601.3	538.2
-50°	930.9	897.2	862.7	827.0	788.7	745.2	696.9	647.0	591.8	532.6	474.9
-52.5°	848.6	817.8	785.3	751.0	711.5	668.3	623.0	570.0	514.9	464.7	412.2
-55°	762.8	732.4	700.3	666.0	629.1	586.4	539.5	491.2	446.3	399.8	359.8
-57.5°	667.9	639.1	608.5	576.1	542.1	502.3	461.1	420.2	384.6	348.5	312.2
-60°	566.5	539.5	513.5	484.8	453.3	419.1	389.1	358.9	328.7	299.9	270.7
-62.5°	468.2	445.7	422.2	398.9	375.1	350.3	325.5	302.2	278.4	253.9	232.4
-65°	375.3	358.2	339.7	323.6	306.6	288.8	268.8	250.5	233.2	215.3	197.0
-67.5°	297.3	285.1	272.1	259.3	247.7	235.4	221.3	206.5	192.8	179.6	166.1
-70°	233.3	225.2	216.7	207.4	198.1	188.8	178.5	167.6	156.6	146.7	137.2
-72.5°	179.1	173.4	167.0	160.3	153.2	146.9	139.8	132.5	125.0	117.5	110.3
-75°	138.5	134.5	130.1	125.1	119.0	111.9	106.6	103.0	98.5	93.0	87.0
-77.5°	109.6	106.6	103.4	99.2	94.8	90.2	85.7	81.3	76.9	72.7	68.9
-80°	80.6	79.2	77.5	73.9	70.4	66.9	63.5	60.8	58.2	55.4	51.9
-82.5°	47.3	47.1	46.6	44.7	42.7	40.7	38.8	36.9	34.9	32.8	30.6
-85°	15.3	16.1	16.8	17.1	17.3	17.4	17.2	16.8	16.2	15.5	14.8
-87.5°	3.3	3.3	3.4	3.5	3.6	3.7	3.8	4.0	4.1	4.3	4.4
-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: P645317 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-750-U-LAM-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°	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2
85°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
82.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.5
80°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.5
77.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.5
75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.5
72.5°	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.4	0.5	0.5
70°	0.3	0.3	0.3	0.3	0.4	0.5	0.5	0.5	0.4	0.5	0.6
67.5°	0.4	0.5	0.4	0.4	0.4	0.5	0.6	0.7	0.7	0.5	0.6
65°	0.5	0.5	0.6	0.9	0.8	0.5	0.6	1.2	1.0	0.8	0.6
62.5°	1.0	0.6	1.9	2.6	1.5	1.1	0.9	2.7	1.7	1.2	0.8
60°	2.4	2.0	5.4	8.7	6.1	2.1	3.0	4.7	4.3	1.5	1.2
57.5°	22.7	7.8	11.3	16.3	16.1	8.7	6.4	8.5	7.3	4.2	1.7
55°	48.4	40.8	26.9	24.6	26.6	21.5	14.0	13.7	11.3	7.8	2.7
52.5°	66.4	69.3	60.3	42.1	36.7	35.0	27.3	19.9	17.7	11.7	6.8
50°	96.2	89.6	88.7	74.4	51.4	46.6	40.4	31.1	24.8	16.8	11.5
47.5°	135.8	119.3	110.6	104.2	82.1	59.4	52.9	42.5	32.7	24.1	16.4
45°	194.1	154.2	137.3	126.9	112.6	83.5	66.2	53.6	42.6	32.4	21.5
42.5°	252.7	199.4	167.8	151.1	136.1	110.8	80.4	66.4	52.2	40.8	28.0
40°	304.3	246.0	199.9	178.4	159.2	137.1	103.5	80.1	61.7	49.5	35.4
37.5°	366.5	299.1	236.9	207.0	183.9	159.1	126.8	94.5	73.1	58.5	42.8
35°	426.7	367.7	278.2	241.5	211.3	181.7	149.3	111.4	87.0	67.8	50.2
32.5°	491.3	432.3	340.5	280.1	239.7	204.7	170.4	131.9	101.1	77.1	57.6
30°	542.2	474.8	395.3	318.8	270.6	230.4	191.4	151.6	115.2	86.5	65.0
27.5°	569.1	511.6	438.5	361.8	305.4	256.8	213.1	170.5	129.2	96.9	72.8
25°	597.0	537.5	469.4	399.4	339.8	284.7	234.6	188.5	144.6	108.6	80.4
22.5°	630.4	559.5	495.4	429.3	375.2	313.0	257.2	206.7	159.9	120.0	88.0
20°	663.9	580.0	521.1	469.9	410.0	343.6	280.9	224.4	174.4	131.2	95.4
17.5°	699.1	617.2	564.7	509.4	444.6	373.3	304.1	241.6	188.0	142.0	102.6
15°	760.3	672.8	608.7	548.0	479.1	401.8	326.9	258.1	200.6	152.4	109.2
12.5°	815.8	724.6	652.6	585.2	513.0	429.0	348.8	273.8	212.4	160.6	115.2
10°	861.8	772.6	696.1	621.0	545.9	454.7	369.7	286.6	219.4	166.8	120.6
7.5°	899.4	817.0	738.5	655.0	574.2	471.5	380.3	294.1	224.9	172.1	125.6
5°	926.6	846.6	761.0	666.9	583.0	478.4	387.4	300.2	229.3	176.5	130.1
2.5°	934.4	855.7	769.5	673.4	589.0	482.9	392.5	304.9	232.7	180.0	134.1
0°	939.0	861.7	774.8	677.4	592.0	485.0	395.6	308.1	235.1	182.8	137.6
-2.5°	945.4	866.9	779.9	687.7	594.0	491.5	397.3	310.2	238.1	183.8	139.6
-5°	948.6	868.9	782.4	694.6	593.5	495.4	397.1	310.8	240.1	184.1	141.1
-7.5°	947.2	868.2	782.5	696.7	590.8	496.3	395.0	310.1	240.9	183.9	142.1
-10°	942.9	864.7	779.5	691.1	588.3	492.7	391.1	308.1	240.4	183.1	142.4
-12.5°	936.4	858.1	773.4	683.1	583.2	485.5	386.6	304.7	238.5	181.8	142.2
-15°	928.0	848.5	764.1	672.8	574.7	475.9	379.8	299.9	234.7	180.4	141.4
-17.5°	917.2	836.0	751.6	660.7	562.8	464.0	370.6	293.5	230.0	178.6	139.7
-20°	897.9	819.3	735.7	646.9	547.3	449.8	359.1	285.6	224.3	176.1	137.2



REPORT NUMBER: P645317 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-750-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	876.2	798.5	715.9	628.3	528.7	433.6	345.2	276.2	217.8	172.9	134.3
-25°	853.1	775.2	692.9	602.5	508.0	416.4	331.3	265.4	210.5	168.9	130.9
-27.5°	825.9	748.7	666.8	574.2	484.1	396.5	317.9	255.8	203.4	164.1	127.1
-30°	795.4	717.6	634.2	543.9	457.9	373.5	302.9	245.6	197.4	158.9	122.8
-32.5°	760.3	683.3	598.1	512.9	430.2	349.1	286.3	234.6	190.5	153.3	118.8
-35°	720.5	643.4	559.8	479.7	400.8	329.3	270.2	223.0	182.7	147.3	114.6
-37.5°	679.0	600.6	521.5	444.9	369.6	308.0	255.6	211.5	174.0	140.9	110.0
-40°	631.6	556.5	481.3	409.2	342.6	285.1	239.8	200.2	165.7	134.0	104.9
-42.5°	582.8	510.3	439.4	371.3	315.9	266.4	223.3	188.0	156.9	127.4	99.4
-45°	530.2	461.5	394.8	339.4	288.8	246.6	208.9	175.3	147.6	120.7	93.8
-47.5°	474.7	410.1	354.3	306.2	265.8	226.7	193.6	164.4	137.9	113.4	88.1
-50°	415.8	362.2	317.1	277.3	240.9	208.8	178.3	153.0	128.9	105.4	82.1
-52.5°	363.7	320.8	283.4	249.3	219.0	190.0	165.1	141.2	119.6	97.7	75.9
-55°	319.1	283.9	252.3	224.0	197.2	173.9	151.4	130.8	110.1	90.0	69.5
-57.5°	280.5	249.7	224.5	199.9	177.8	157.9	138.9	120.1	101.0	82.0	64.5
-60°	243.4	220.5	198.0	178.3	159.6	142.6	127.1	109.4	91.8	74.1	59.0
-62.5°	211.5	191.9	174.9	157.6	142.1	128.3	115.2	99.0	82.4	66.7	53.0
-65°	181.5	166.4	151.9	138.2	125.3	113.6	103.1	88.3	72.9	58.9	46.8
-67.5°	153.0	141.6	130.3	118.7	108.6	99.1	90.2	76.8	63.0	50.7	40.6
-70°	127.6	117.9	109.0	100.4	92.2	84.3	75.8	64.5	52.7	43.4	34.3
-72.5°	103.5	96.5	89.1	82.0	76.0	69.0	61.2	52.4	44.1	35.9	27.8
-75°	81.3	76.6	71.4	65.8	60.2	54.0	48.8	42.7	35.4	28.2	22.4
-77.5°	65.0	60.5	55.3	50.8	47.0	42.8	38.1	32.7	27.0	22.0	17.3
-80°	48.0	44.5	41.5	39.0	35.5	31.6	27.7	23.8	19.6	15.7	12.2
-82.5°	29.3	28.5	27.7	26.5	23.6	20.7	17.9	15.1	12.2	9.4	7.8
-85°	14.6	14.3	13.9	13.3	11.5	9.7	8.9	8.1	7.1	6.1	5.2
-87.5°	4.8	5.2	5.5	5.7	5.3	4.9	4.5	4.1	3.6	3.1	2.6
-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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Scaled Data Report



REPORT NUMBER: P645317 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1B-750-U-LAM-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°	0.2	0.1	0.1	0.1	0.1	0.0	0.0
85°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
82.5°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
80°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
77.5°	0.6	0.6	0.5	0.4	0.3	0.2	0.0
75°	0.6	0.6	0.6	0.5	0.3	0.2	0.0
72.5°	0.6	0.6	0.6	0.5	0.4	0.2	0.0
70°	0.6	0.7	0.7	0.6	0.4	0.3	0.0
67.5°	0.7	0.7	0.7	0.6	0.5	0.3	0.0
65°	0.8	0.8	0.7	0.7	0.5	0.3	0.0
62.5°	1.0	1.0	0.8	0.7	0.6	0.4	0.0
60°	1.1	1.2	0.8	0.7	0.6	0.4	0.0
57.5°	2.1	1.5	1.0	0.8	0.7	0.4	0.0
55°	3.4	1.7	1.3	0.8	0.7	0.4	0.0
52.5°	4.9	2.2	1.6	0.8	0.7	0.5	0.0
50°	6.6	3.8	1.8	0.9	0.8	0.5	0.0
47.5°	8.8	5.6	2.1	0.9	0.8	0.5	0.0
45°	13.3	7.4	2.5	1.2	0.8	0.6	0.0
42.5°	17.8	9.4	2.8	1.4	0.9	0.6	0.0
40°	22.5	11.4	3.7	1.7	0.9	0.6	0.0
37.5°	27.3	13.6	5.4	2.1	1.0	0.6	0.0
35°	32.1	16.9	7.0	2.5	1.0	0.7	0.0
32.5°	37.4	20.7	8.7	3.0	1.0	0.7	0.0
30°	43.3	24.5	10.4	3.5	1.1	0.7	0.0
27.5°	49.2	28.2	12.4	4.0	1.1	0.7	0.0
25°	55.0	31.9	14.5	4.5	1.2	0.8	0.0
22.5°	60.5	35.6	16.6	5.1	1.2	0.8	0.0
20°	65.9	39.7	18.7	5.7	1.2	0.8	0.0
17.5°	71.2	43.6	20.8	6.3	1.3	0.8	0.0
15°	76.3	47.3	22.8	6.9	1.3	0.8	0.0
12.5°	81.1	50.9	24.7	7.5	1.3	0.8	0.0
10°	85.6	54.3	26.6	8.1	1.4	0.9	0.0
7.5°	89.6	57.4	28.3	8.7	1.4	0.9	0.0
5°	93.3	60.3	30.0	9.2	1.4	0.9	0.0
2.5°	96.7	63.0	31.5	9.7	1.5	0.9	0.0
0°	99.6	65.3	32.8	10.2	1.5	0.9	0.0
-2.5°	101.1	66.8	34.0	10.9	1.7	1.0	0.0
-5°	102.1	67.9	35.1	11.5	2.0	1.0	0.0
-7.5°	102.8	68.8	36.0	12.0	2.2	1.1	0.0
-10°	103.1	69.3	36.6	12.5	2.4	1.1	0.0
-12.5°	103.1	69.5	37.0	12.9	2.7	1.1	0.0
-15°	102.7	69.4	37.3	13.2	2.9	1.2	0.0
-17.5°	101.9	69.0	37.2	13.4	3.0	1.2	0.0
-20°	100.8	68.3	36.9	13.6	3.2	1.2	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	99.1	67.2	36.4	13.6	3.4	1.3	0.0
-25°	97.0	65.6	35.6	13.5	3.5	1.3	0.0
-27.5°	94.5	63.6	34.6	13.4	3.6	1.3	0.0
-30°	91.7	61.3	33.3	13.1	3.7	1.3	0.0
-32.5°	88.4	58.7	31.8	12.7	3.8	1.3	0.0
-35°	84.9	55.9	30.1	12.2	3.9	1.3	0.0
-37.5°	81.2	53.0	28.2	11.6	3.9	1.3	0.0
-40°	77.1	50.5	26.2	10.9	3.9	1.3	0.0
-42.5°	72.8	47.7	24.7	10.1	3.9	1.3	0.0
-45°	68.2	44.8	23.7	9.3	3.8	1.3	0.0
-47.5°	63.3	41.7	22.4	8.4	3.8	1.2	0.0
-50°	59.2	38.4	21.0	8.1	3.7	1.2	0.0
-52.5°	55.2	35.0	19.4	8.0	3.5	1.2	0.0
-55°	50.9	32.4	17.6	7.7	3.4	1.1	0.0
-57.5°	46.5	29.7	15.7	7.4	3.2	1.0	0.0
-60°	42.1	26.9	13.7	7.0	3.1	1.0	0.0
-62.5°	38.0	23.8	12.7	6.5	2.9	0.9	0.0
-65°	33.7	20.5	11.6	5.9	2.7	0.9	0.0
-67.5°	29.1	17.7	10.4	5.3	2.5	0.8	0.0
-70°	24.2	15.5	9.0	4.6	2.2	0.7	0.0
-72.5°	20.5	13.1	7.6	4.0	2.0	0.6	0.0
-75°	16.8	10.6	6.0	3.5	1.7	0.5	0.0
-77.5°	12.9	8.0	5.0	3.0	1.4	0.5	0.0
-80°	8.8	6.1	4.0	2.4	1.2	0.4	0.0
-82.5°	6.5	4.6	3.0	1.8	0.9	0.3	0.0
-85°	4.3	3.1	2.0	1.2	0.6	0.2	0.0
-87.5°	2.2	1.5	1.0	0.6	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)