

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: P645315 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA1B-740-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645315 (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-740-U-LAM-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

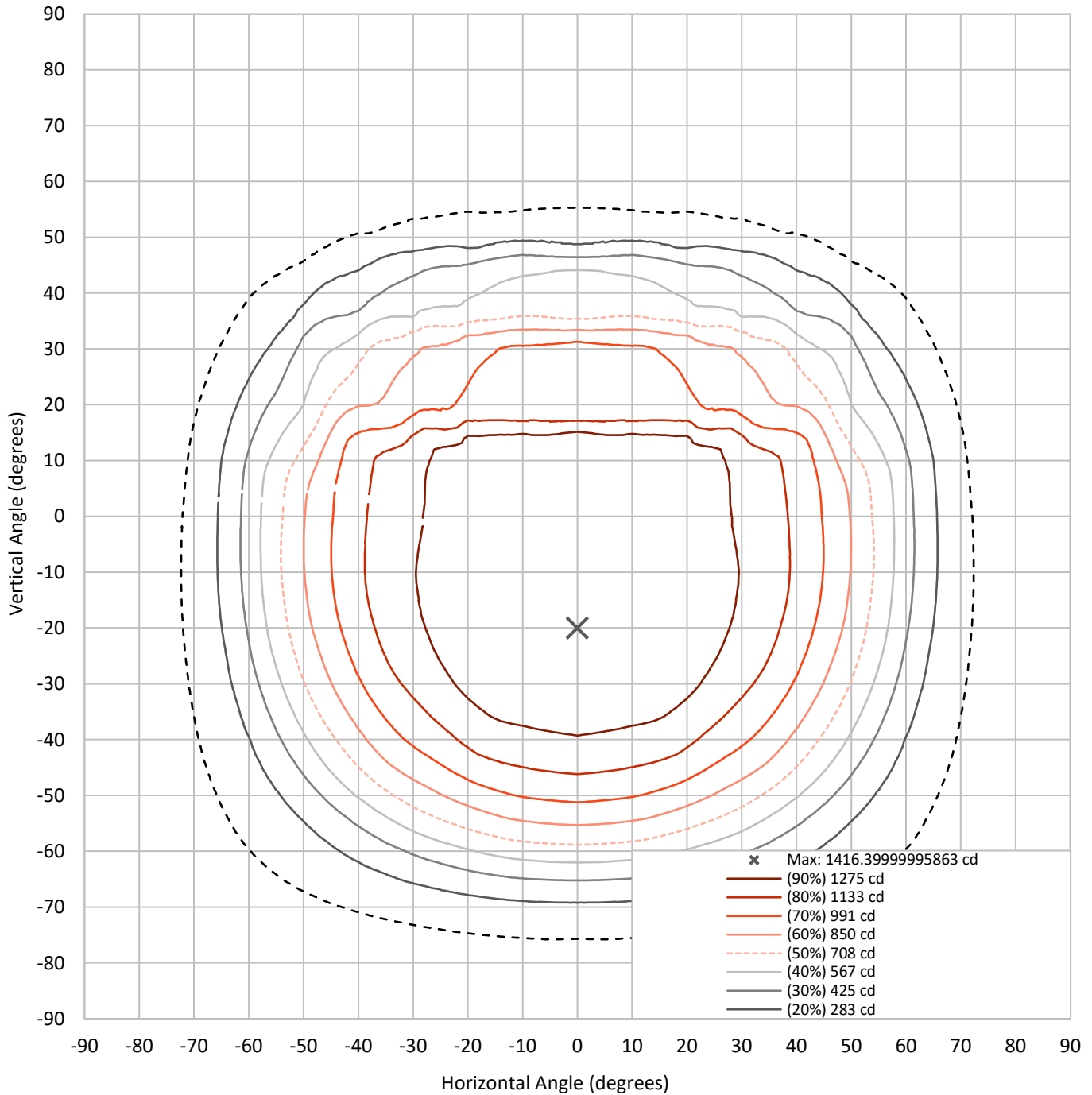
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	3321.1 lumens	Max Intensity:	1416.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	99.1 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:	2596.3 lumens	Field Lumens:	3255.2 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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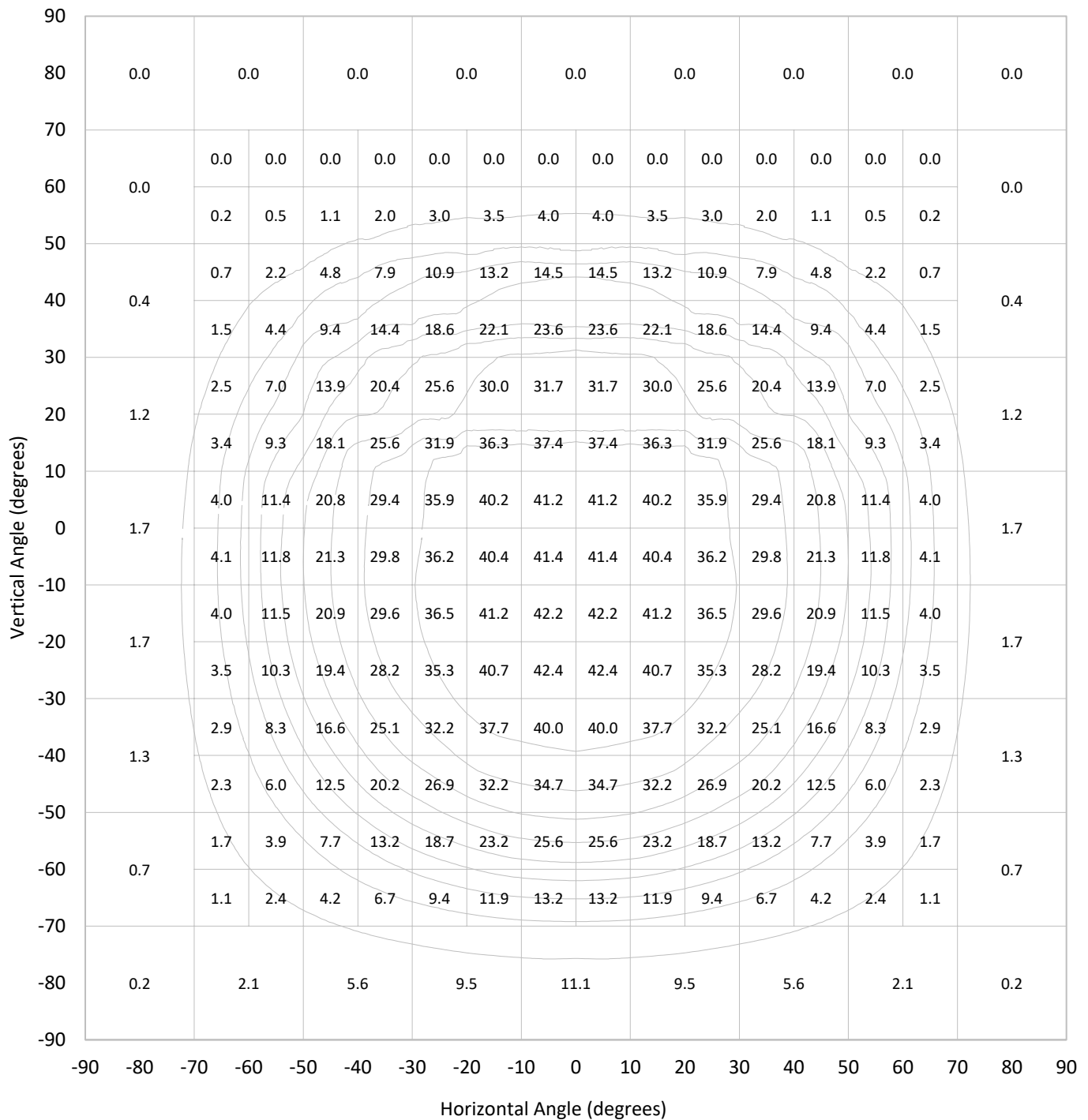
Iso-Candela Plot





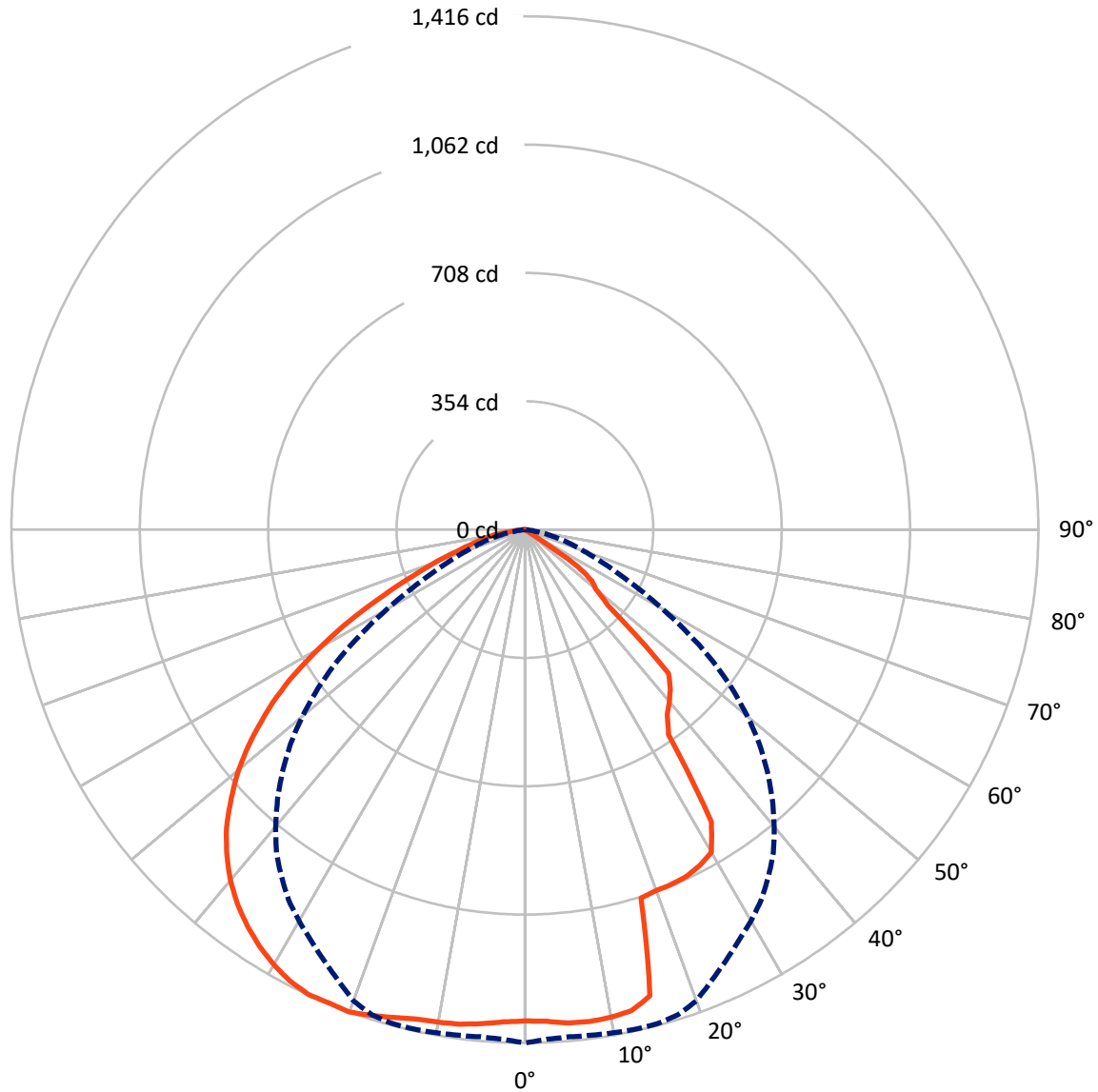
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Lumen Table



REPORT NUMBER: P645315 (CONVERTED FROM TYPE C PHOTOMETRY)
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Luminous Intensity Polar Plot

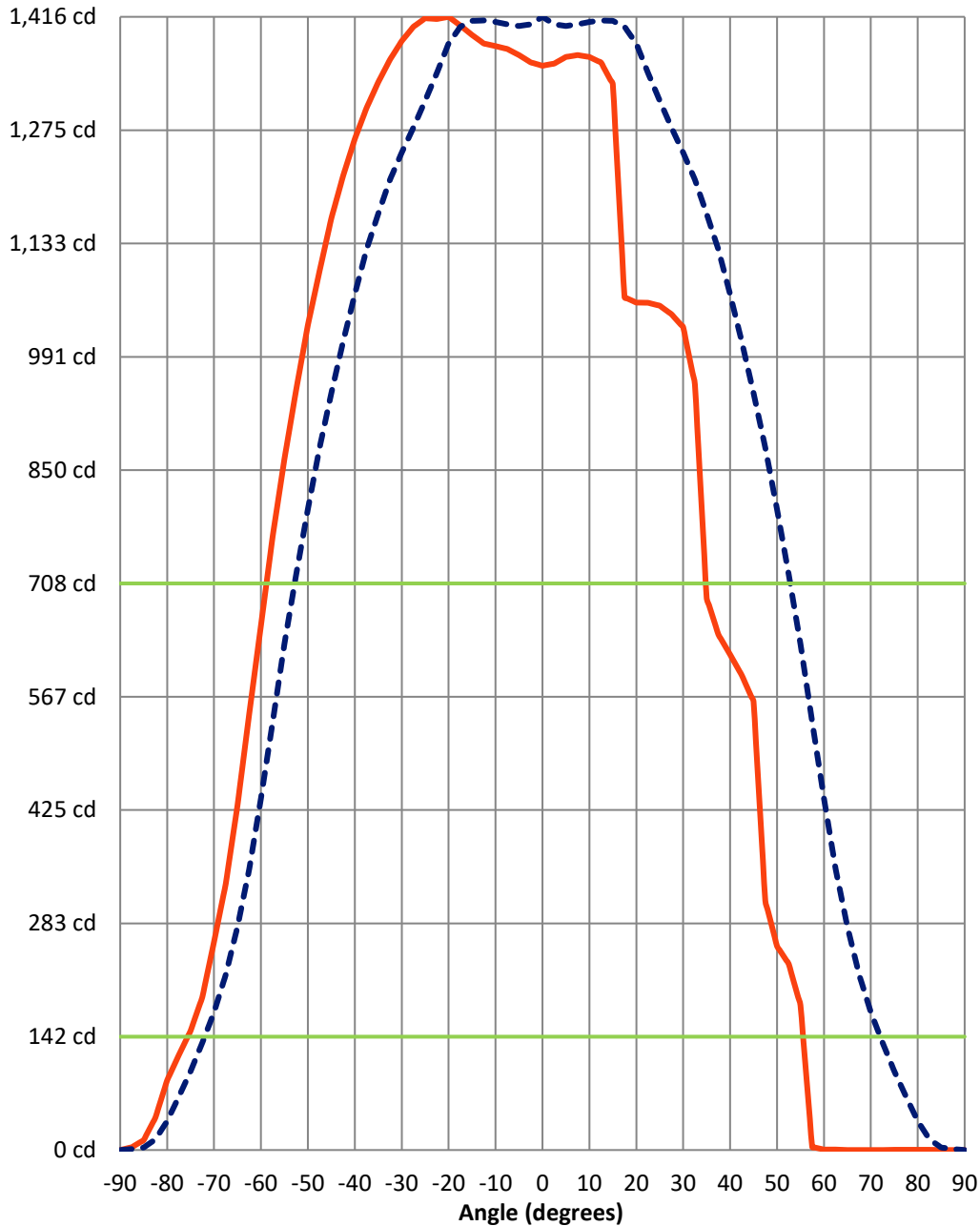


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through -20-Deg



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Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 2596.3
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 3255.2
 Efficiency: 98.0%

Spill:
 Lumens: 65.9
 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	0.9	1.2
62.5°	0.0	0.4	0.6	0.7	0.8	1.0	0.9	0.8	1.1	1.6	2.6
60°	0.0	0.4	0.6	0.7	0.8	1.2	1.1	1.1	1.4	4.2	4.6
57.5°	0.0	0.4	0.7	0.8	1.0	1.4	2.1	1.6	4.1	7.1	8.3
55°	0.0	0.4	0.7	0.8	1.3	1.7	3.3	2.6	7.6	11.0	13.4
52.5°	0.0	0.5	0.7	0.8	1.5	2.2	4.7	6.6	11.4	17.3	19.4
50°	0.0	0.5	0.8	0.9	1.8	3.7	6.4	11.2	16.4	24.2	30.4
47.5°	0.0	0.5	0.8	0.9	2.1	5.4	8.6	16.0	23.6	31.9	41.6
45°	0.0	0.6	0.8	1.2	2.4	7.2	12.9	21.0	31.7	41.6	52.4
42.5°	0.0	0.6	0.9	1.4	2.7	9.1	17.4	27.3	39.9	51.0	64.9
40°	0.0	0.6	0.9	1.7	3.6	11.1	22.0	34.6	48.3	60.3	78.3
37.5°	0.0	0.6	1.0	2.0	5.2	13.2	26.6	41.8	57.2	71.4	92.3
35°	0.0	0.7	1.0	2.5	6.8	16.4	31.4	49.1	66.2	85.1	108.8
32.5°	0.0	0.7	1.0	2.9	8.4	20.2	36.5	56.3	75.4	98.8	129.0
30°	0.0	0.7	1.1	3.4	10.1	23.9	42.4	63.5	84.6	112.6	148.3
27.5°	0.0	0.7	1.1	3.9	12.1	27.5	48.1	71.1	94.7	126.3	166.7
25°	0.0	0.8	1.2	4.4	14.2	31.1	53.7	78.6	106.1	141.3	184.3
22.5°	0.0	0.8	1.2	5.0	16.2	34.8	59.2	86.0	117.3	156.3	202.0
20°	0.0	0.8	1.2	5.6	18.3	38.8	64.4	93.2	128.2	170.5	219.4
17.5°	0.0	0.8	1.3	6.2	20.3	42.6	69.6	100.3	138.8	183.8	236.2
15°	0.0	0.8	1.3	6.8	22.3	46.2	74.6	106.8	148.9	196.1	252.4
12.5°	0.0	0.8	1.3	7.3	24.2	49.7	79.3	112.6	157.0	207.6	267.7
10°	0.0	0.9	1.4	7.9	26.0	53.0	83.6	118.0	163.1	214.5	280.3
7.5°	0.0	0.9	1.4	8.5	27.7	56.1	87.6	122.9	168.2	219.8	287.6
5°	0.0	0.9	1.4	9.0	29.3	58.9	91.3	127.3	172.5	224.1	293.5
2.5°	0.0	0.9	1.5	9.5	30.8	61.5	94.5	131.2	176.0	227.4	298.1
0°	0.0	0.9	1.5	10.0	32.1	63.8	97.4	134.6	178.7	229.8	301.2
-2.5°	0.0	1.0	1.7	10.7	33.3	65.3	98.8	136.6	179.7	232.8	303.2
-5°	0.0	1.0	2.0	11.2	34.4	66.4	99.9	138.0	180.0	234.7	303.9
-7.5°	0.0	1.0	2.2	11.8	35.2	67.2	100.5	138.9	179.8	235.5	303.2
-10°	0.0	1.1	2.4	12.3	35.8	67.8	100.8	139.3	179.0	235.0	301.3
-12.5°	0.0	1.1	2.6	12.6	36.3	68.0	100.8	139.0	177.8	233.1	298.0
-15°	0.0	1.2	2.8	13.0	36.5	67.9	100.4	138.2	176.4	229.4	293.2
-17.5°	0.0	1.2	3.0	13.2	36.4	67.5	99.6	136.6	174.7	224.8	286.9
-20°	0.0	1.2	3.2	13.3	36.2	66.8	98.5	134.2	172.2	219.3	279.2

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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	1.3	3.3	13.4	35.7	65.7	96.8	131.3	169.0	213.0	270.1
-25°	0.0	1.3	3.5	13.3	34.9	64.2	94.8	128.0	165.1	205.8	259.5
-27.5°	0.0	1.3	3.6	13.1	33.9	62.2	92.4	124.2	160.4	198.9	250.1
-30°	0.0	1.3	3.7	12.9	32.6	60.0	89.6	120.0	155.3	193.1	240.1
-32.5°	0.0	1.3	3.7	12.5	31.1	57.5	86.4	116.1	149.9	186.3	229.4
-35°	0.0	1.3	3.8	12.0	29.5	54.7	83.0	112.0	144.0	178.6	218.0
-37.5°	0.0	1.3	3.8	11.4	27.7	51.9	79.4	107.5	137.7	170.0	206.8
-40°	0.0	1.3	3.8	10.7	25.7	49.4	75.4	102.6	131.0	161.9	195.7
-42.5°	0.0	1.3	3.8	9.9	24.2	46.7	71.2	97.2	124.5	153.4	183.8
-45°	0.0	1.2	3.8	9.2	23.2	43.8	66.7	91.7	117.9	144.3	171.4
-47.5°	0.0	1.2	3.7	8.3	22.0	40.8	62.0	86.1	110.8	134.7	160.7
-50°	0.0	1.2	3.6	8.0	20.6	37.6	58.0	80.3	103.0	125.9	149.5
-52.5°	0.0	1.1	3.5	7.8	19.0	34.2	54.0	74.2	95.5	116.9	138.0
-55°	0.0	1.1	3.3	7.6	17.3	31.7	49.9	68.1	88.0	107.7	127.8
-57.5°	0.0	1.0	3.2	7.2	15.4	29.1	45.6	63.2	80.3	98.8	117.4
-60°	0.0	1.0	3.0	6.8	13.4	26.3	41.2	57.8	72.5	89.8	107.0
-62.5°	0.0	0.9	2.8	6.3	12.4	23.3	37.2	51.9	65.3	80.6	96.8
-65°	0.0	0.8	2.6	5.8	11.3	20.0	33.0	45.8	57.6	71.3	86.4
-67.5°	0.0	0.8	2.4	5.1	10.1	17.3	28.4	39.7	49.6	61.6	75.1
-70°	0.0	0.7	2.2	4.5	8.8	15.2	23.7	33.5	42.4	51.5	63.1
-72.5°	0.0	0.6	1.9	3.9	7.4	12.8	20.0	27.1	35.1	43.1	51.2
-75°	0.0	0.5	1.7	3.4	5.9	10.4	16.4	21.9	27.6	34.6	41.7
-77.5°	0.0	0.4	1.4	2.9	4.9	7.8	12.5	16.9	21.5	26.4	32.0
-80°	0.0	0.4	1.1	2.3	3.9	5.9	8.6	11.9	15.4	19.2	23.3
-82.5°	0.0	0.3	0.9	1.8	3.0	4.5	6.3	7.6	9.2	11.9	14.8
-85°	0.0	0.2	0.6	1.2	2.0	3.0	4.2	5.1	6.0	7.0	7.9
-87.5°	0.0	0.1	0.3	0.6	1.0	1.5	2.1	2.6	3.0	3.5	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: P645315 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-740-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	0.7	0.8	0.6	0.5	0.5	0.4	0.4	0.4	0.4
62.5°	0.9	1.1	1.4	2.5	1.9	0.6	1.0	1.2	0.9	0.7	0.8
60°	2.9	2.0	5.9	8.5	5.3	1.9	2.4	7.9	6.8	1.3	4.3
57.5°	6.2	8.5	15.7	16.0	11.0	7.6	22.2	25.6	19.4	11.3	17.3
55°	13.7	21.0	26.0	24.1	26.3	39.8	47.3	42.5	35.8	55.1	70.4
52.5°	26.7	34.2	35.9	41.2	59.0	67.8	64.9	69.5	90.1	111.9	116.6
50°	39.4	45.5	50.3	72.8	86.7	87.5	94.0	114.5	142.0	155.3	152.1
47.5°	51.7	58.1	80.3	101.9	108.1	116.7	132.8	172.3	201.4	202.0	198.7
45°	64.7	81.7	110.1	124.1	134.2	150.8	189.8	244.2	247.0	254.9	303.5
42.5°	78.6	108.3	133.1	147.7	164.1	195.0	247.1	282.7	295.0	329.6	368.6
40°	101.2	134.1	155.7	174.4	195.4	240.5	297.6	331.0	340.9	370.9	400.2
37.5°	124.0	155.6	179.8	202.3	231.5	292.4	358.4	385.9	390.9	396.4	461.5
35°	146.0	177.6	206.6	236.1	271.9	359.5	417.2	443.1	442.3	479.2	547.4
32.5°	166.6	200.1	234.4	273.8	332.9	422.6	480.3	495.8	519.4	573.2	666.2
30°	187.1	225.3	264.6	311.6	386.4	464.2	530.0	555.0	595.3	656.7	724.5
27.5°	208.3	251.0	298.6	353.7	428.7	500.2	556.4	616.0	655.3	710.3	758.5
25°	229.4	278.3	332.1	390.5	458.9	525.5	583.7	652.6	694.7	739.0	784.0
22.5°	251.5	306.0	366.8	419.6	484.3	547.1	616.3	691.0	745.8	773.9	804.1
20°	274.6	335.9	400.7	459.3	509.5	567.1	649.1	739.9	810.5	842.2	846.3
17.5°	297.3	364.9	434.6	498.0	552.1	603.4	683.5	798.3	886.1	915.6	928.8
15°	319.6	392.8	468.3	535.7	595.1	657.8	743.3	860.1	960.5	993.1	1013.8
12.5°	341.0	419.4	501.5	572.1	638.1	708.4	797.6	904.5	996.2	1059.3	1097.1
10°	361.4	444.5	533.6	607.1	680.6	755.4	842.5	937.6	1012.3	1073.1	1126.9
7.5°	371.7	460.9	561.3	640.4	722.0	798.8	879.3	961.0	1023.8	1083.5	1135.5
5°	378.8	467.7	569.9	652.0	744.0	827.7	905.9	976.3	1031.4	1090.6	1141.3
2.5°	383.8	472.0	575.8	658.3	752.3	836.6	913.6	981.5	1037.6	1095.6	1147.5
0°	386.8	474.1	578.8	662.2	757.5	842.5	918.0	983.4	1041.7	1098.0	1153.9
-2.5°	388.5	480.4	580.8	672.2	762.5	847.5	924.3	988.1	1049.0	1102.5	1158.6
-5°	388.3	484.2	580.3	679.0	764.9	849.5	927.4	990.2	1053.0	1105.9	1160.5
-7.5°	386.1	485.1	577.6	681.1	765.0	848.8	926.0	991.2	1053.0	1109.1	1160.7
-10°	382.4	481.7	575.2	675.7	762.0	845.4	921.9	989.0	1050.5	1108.5	1159.7
-12.5°	377.9	474.6	570.2	667.8	756.1	838.9	915.5	983.3	1045.9	1103.7	1157.4
-15°	371.3	465.2	561.9	657.8	747.0	829.6	907.3	974.0	1038.8	1095.5	1150.5
-17.5°	362.4	453.6	550.2	645.9	734.8	817.4	896.7	961.9	1026.2	1084.8	1138.0
-20°	351.1	439.8	535.1	632.4	719.2	801.0	877.9	946.1	1010.0	1069.6	1125.5



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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°	337.5	423.9	516.8	614.3	699.9	780.7	856.6	926.0	992.3	1049.9	1109.4
-25°	323.9	407.1	496.7	589.1	677.4	757.8	834.0	901.6	969.3	1029.2	1085.8
-27.5°	310.8	387.7	473.3	561.4	651.9	731.9	807.4	875.0	940.8	1006.3	1060.8
-30°	296.1	365.2	447.6	531.8	620.0	701.5	777.6	847.7	910.3	975.0	1033.5
-32.5°	279.9	341.3	420.6	501.5	584.7	668.0	743.3	813.0	878.2	939.3	1000.7
-35°	264.1	322.0	391.9	469.0	547.3	629.0	704.4	773.4	841.0	901.6	960.3
-37.5°	249.9	301.1	361.4	435.0	509.9	587.2	663.8	730.6	795.0	861.6	918.8
-40°	234.5	278.7	335.0	400.1	470.6	544.1	617.5	686.6	747.1	813.0	875.9
-42.5°	218.4	260.4	308.9	363.1	429.6	498.9	569.8	637.4	700.2	762.3	824.6
-45°	204.2	241.1	282.4	331.9	386.1	451.2	518.3	585.7	646.0	705.2	766.7
-47.5°	189.2	221.6	259.8	299.3	346.5	401.0	464.1	526.2	587.9	644.2	698.7
-50°	174.2	204.1	235.5	271.1	310.0	354.2	406.6	464.3	520.7	578.5	632.5
-52.5°	161.3	185.7	214.1	243.8	277.1	313.7	355.6	403.0	454.3	503.4	557.2
-55°	147.9	169.9	192.8	219.0	246.7	277.6	312.0	351.8	390.9	436.3	480.3
-57.5°	135.8	154.3	173.8	195.4	219.5	244.2	274.3	305.3	340.7	376.0	410.8
-60°	124.3	139.4	156.0	174.2	193.6	215.6	238.0	264.7	293.2	321.4	350.9
-62.5°	112.7	125.4	138.9	154.1	171.0	187.6	206.7	227.3	248.3	272.2	295.4
-65°	100.8	111.1	122.5	135.1	148.6	162.7	177.4	192.6	210.5	228.0	244.9
-67.5°	88.1	96.9	106.2	116.1	127.4	138.5	149.6	162.4	175.6	188.5	201.9
-70°	74.1	82.4	90.1	98.1	106.5	115.2	124.7	134.1	143.4	153.1	163.9
-72.5°	59.8	67.4	74.2	80.1	87.0	94.3	101.2	107.8	114.8	122.2	129.5
-75°	47.7	52.7	58.8	64.3	69.8	74.9	79.5	85.1	90.9	96.3	100.7
-77.5°	37.2	41.8	46.0	49.7	54.0	59.1	63.6	67.4	71.1	75.1	79.4
-80°	27.1	30.9	34.7	38.1	40.6	43.5	46.9	50.8	54.2	56.9	59.4
-82.5°	17.5	20.3	23.1	25.9	27.1	27.9	28.6	30.0	32.0	34.1	36.1
-85°	8.7	9.5	11.3	13.0	13.6	14.0	14.3	14.4	15.2	15.8	16.4
-87.5°	4.4	4.8	5.2	5.6	5.3	5.1	4.7	4.2	4.1	4.0	3.9
-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: P645315 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-740-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°	4.7	2.8	1.6	1.9	1.7	1.1	1.4	1.7	1.7	1.6	1.4
57.5°	26.3	19.6	14.5	34.7	34.8	16.6	20.0	31.4	25.9	8.5	7.9
55°	73.1	87.4	115.1	109.3	111.1	127.8	139.5	123.5	121.1	129.1	149.1
52.5°	131.4	145.0	154.3	163.0	173.6	185.0	196.7	204.2	211.2	218.6	223.0
50°	167.8	187.0	200.3	195.4	222.8	234.0	222.6	232.8	245.2	248.6	250.1
47.5°	247.7	276.0	281.6	299.7	316.1	315.8	301.9	302.7	339.6	372.2	388.2
45°	356.0	356.9	374.7	406.8	429.8	422.6	441.9	486.0	500.6	514.8	526.4
42.5°	398.2	415.6	444.0	472.4	489.5	504.3	518.7	534.9	553.9	569.4	581.7
40°	439.0	453.1	482.1	505.0	519.2	533.0	549.8	567.7	585.1	598.7	608.0
37.5°	501.9	512.8	519.9	541.1	567.9	555.5	587.3	610.0	620.4	634.2	635.4
35°	597.0	589.7	580.3	664.9	669.9	641.4	671.0	706.3	687.7	726.4	747.2
32.5°	681.3	680.2	754.0	798.5	772.9	793.8	862.2	859.1	904.7	925.9	919.8
30°	760.8	787.9	830.5	863.6	868.0	901.0	931.4	958.0	985.5	1010.1	1011.8
27.5°	801.1	836.4	865.4	884.5	905.9	933.6	961.2	991.2	1014.6	1030.0	1033.8
25°	825.5	861.6	883.5	904.1	927.7	951.7	982.5	1015.1	1033.9	1043.5	1046.5
22.5°	847.0	879.4	903.0	919.7	945.1	970.8	999.6	1027.3	1047.7	1051.8	1053.3
20°	867.7	898.8	938.2	962.9	961.6	990.6	1018.4	1040.3	1057.3	1057.2	1057.6
17.5°	927.5	938.7	1010.1	1064.4	1037.5	1023.4	1099.6	1101.1	1105.6	1096.6	1077.1
15°	1016.2	1036.5	1124.3	1183.1	1164.6	1163.6	1273.8	1246.5	1270.0	1263.8	1290.2
12.5°	1110.2	1134.2	1199.8	1257.5	1285.1	1291.9	1328.6	1363.1	1370.2	1367.4	1362.2
10°	1174.2	1208.4	1234.7	1269.8	1297.5	1325.9	1347.1	1371.9	1380.0	1375.3	1368.7
7.5°	1182.5	1216.3	1247.2	1278.0	1304.4	1327.2	1349.3	1369.5	1377.8	1375.0	1370.4
5°	1187.8	1218.4	1248.4	1279.6	1304.9	1326.0	1348.0	1368.4	1373.3	1370.1	1365.6
2.5°	1191.0	1219.3	1248.3	1279.4	1302.3	1322.4	1344.7	1366.5	1366.5	1365.1	1362.5
0°	1192.6	1221.0	1254.6	1282.7	1308.4	1327.5	1349.6	1370.7	1369.2	1365.3	1360.7
-2.5°	1196.0	1224.8	1259.1	1282.3	1311.4	1328.8	1351.7	1370.0	1369.3	1367.3	1365.1
-5°	1199.1	1231.4	1263.5	1288.0	1317.0	1339.9	1362.5	1376.9	1377.7	1375.0	1371.2
-7.5°	1200.9	1236.8	1267.4	1292.0	1320.2	1346.7	1369.7	1384.7	1385.0	1381.5	1377.0
-10°	1200.2	1238.2	1269.6	1295.1	1324.0	1350.2	1374.2	1393.3	1392.6	1389.2	1385.4
-12.5°	1198.0	1235.8	1268.1	1293.7	1326.5	1353.5	1380.5	1399.5	1400.5	1397.9	1393.8
-15°	1193.0	1232.1	1263.5	1291.4	1323.5	1355.1	1382.9	1403.8	1407.5	1405.4	1402.2
-17.5°	1183.2	1224.4	1257.7	1287.8	1318.6	1352.2	1383.8	1406.7	1411.8	1411.0	1408.2
-20°	1170.3	1212.8	1246.6	1278.1	1311.6	1346.3	1383.1	1404.0	1411.3	1411.9	1410.0



REPORT NUMBER: P645315 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-740-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°	1155.7	1197.4	1233.3	1264.2	1300.6	1335.7	1369.0	1393.5	1405.9	1408.2	1408.3
-25°	1138.3	1181.1	1216.8	1249.7	1283.6	1319.8	1353.5	1380.8	1393.4	1399.4	1401.3
-27.5°	1113.7	1158.0	1193.1	1227.9	1262.3	1299.7	1335.1	1364.8	1375.1	1383.3	1386.7
-30°	1084.9	1128.7	1164.4	1196.2	1235.6	1273.7	1310.3	1336.2	1351.7	1361.1	1366.3
-32.5°	1051.7	1095.9	1133.5	1166.7	1204.1	1242.2	1276.6	1304.0	1325.3	1336.2	1341.8
-35°	1015.8	1060.9	1100.3	1135.3	1170.4	1206.8	1242.4	1271.0	1295.4	1304.7	1311.7
-37.5°	972.4	1022.2	1062.5	1098.6	1132.1	1166.2	1203.3	1236.0	1259.6	1268.7	1276.1
-40°	928.0	976.0	1016.7	1055.2	1088.3	1125.6	1161.3	1195.6	1216.1	1226.7	1235.0
-42.5°	881.1	924.5	963.1	1000.6	1037.4	1075.8	1111.5	1147.1	1164.8	1177.6	1187.8
-45°	826.8	867.3	904.9	939.9	977.9	1015.6	1051.3	1082.8	1103.9	1120.6	1133.5
-47.5°	754.6	803.9	841.6	874.9	912.6	949.0	983.6	1013.3	1036.4	1055.8	1070.9
-50°	681.3	728.5	771.1	808.5	843.4	877.1	910.1	939.1	963.5	984.7	999.9
-52.5°	609.0	653.3	695.5	734.1	767.7	799.5	829.7	858.9	884.7	907.3	922.0
-55°	527.4	573.3	615.0	651.0	684.6	716.0	745.8	773.4	798.8	821.9	836.0
-57.5°	450.8	491.1	529.9	563.2	594.9	624.8	653.0	679.5	703.9	725.6	739.2
-60°	380.4	409.8	443.3	474.0	502.0	527.5	553.8	578.5	600.9	620.0	632.7
-62.5°	318.2	342.5	366.7	390.1	412.8	435.7	457.7	478.2	497.0	512.6	523.7
-65°	262.8	282.3	299.8	316.3	332.1	350.2	366.9	382.7	397.2	409.2	417.7
-67.5°	216.4	230.1	242.2	253.5	266.0	278.7	290.7	301.1	310.0	317.1	322.7
-70°	174.5	184.6	193.7	202.8	211.9	220.1	228.0	235.7	243.0	248.9	253.4
-72.5°	136.7	143.6	149.8	156.8	163.3	169.6	175.1	179.5	182.9	186.2	189.1
-75°	104.2	109.3	116.4	122.3	127.2	131.5	135.5	139.0	142.1	144.8	147.2
-77.5°	83.8	88.2	92.6	97.0	101.1	104.2	107.1	110.0	112.8	115.2	117.4
-80°	62.1	65.4	68.8	72.3	75.7	77.4	78.8	80.1	81.2	82.7	84.0
-82.5°	38.0	39.8	41.7	43.7	45.6	46.1	46.3	46.2	46.0	45.4	44.6
-85°	16.9	17.0	17.0	16.8	16.5	15.8	15.0	14.0	12.9	12.8	12.6
-87.5°	3.7	3.6	3.5	3.4	3.3	3.3	3.2	3.2	3.2	3.3	3.4
-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: P645315 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-740-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	1.7	1.7
57.5°	6.7	5.0	4.2	3.9	4.2	5.0	6.7	7.9	8.5	25.9	31.4
55°	163.4	171.7	177.9	180.8	177.9	171.7	163.4	149.1	129.1	121.1	123.5
52.5°	226.9	230.5	232.6	232.5	232.6	230.5	226.9	223.0	218.6	211.2	204.2
50°	252.9	254.6	255.3	254.9	255.3	254.6	252.9	250.1	248.6	245.2	232.8
47.5°	373.5	341.2	317.5	311.8	317.5	341.2	373.5	388.2	372.2	339.6	302.7
45°	532.0	544.3	556.5	560.3	556.5	544.3	532.0	526.4	514.8	500.6	486.0
42.5°	586.9	590.9	593.2	593.3	593.2	590.9	586.9	581.7	569.4	553.9	534.9
40°	613.1	616.9	619.1	619.3	619.1	616.9	613.1	608.0	598.7	585.1	567.7
37.5°	636.9	640.2	642.3	644.4	642.3	640.2	636.9	635.4	634.2	620.4	610.0
35°	744.4	720.1	685.0	690.4	685.0	720.1	744.4	747.2	726.4	687.7	706.3
32.5°	929.2	939.4	945.8	956.8	945.8	939.4	929.2	919.8	925.9	904.7	859.1
30°	1014.5	1017.9	1023.0	1028.4	1023.0	1017.9	1014.5	1011.8	1010.1	985.5	958.0
27.5°	1035.8	1039.3	1042.4	1044.7	1042.4	1039.3	1035.8	1033.8	1030.0	1014.6	991.2
25°	1046.9	1049.1	1052.4	1055.3	1052.4	1049.1	1046.9	1046.5	1043.5	1033.9	1015.1
22.5°	1052.5	1052.7	1055.3	1059.0	1055.3	1052.7	1052.5	1053.3	1051.8	1047.7	1027.3
20°	1056.3	1054.2	1056.9	1059.3	1056.9	1054.2	1056.3	1057.6	1057.2	1057.3	1040.3
17.5°	1104.6	1077.1	1065.7	1065.9	1065.7	1077.1	1104.6	1077.1	1096.6	1105.6	1101.1
15°	1260.6	1270.9	1310.6	1332.0	1310.6	1270.9	1260.6	1290.2	1263.8	1270.0	1246.5
12.5°	1361.2	1357.5	1352.8	1359.2	1352.8	1357.5	1361.2	1362.2	1367.4	1370.2	1363.1
10°	1365.9	1365.5	1357.0	1366.2	1357.0	1365.5	1365.9	1368.7	1375.3	1380.0	1371.9
7.5°	1363.0	1363.3	1359.7	1368.6	1359.7	1363.3	1363.0	1370.4	1375.0	1377.8	1369.5
5°	1364.9	1358.7	1361.1	1366.2	1361.1	1358.7	1364.9	1365.6	1370.1	1373.3	1368.4
2.5°	1359.6	1359.0	1354.5	1358.0	1354.5	1359.0	1359.6	1362.5	1365.1	1366.5	1366.5
0°	1355.6	1352.3	1352.3	1355.3	1352.3	1352.3	1355.6	1360.7	1365.3	1369.2	1370.7
-2.5°	1362.7	1362.0	1361.6	1359.5	1361.6	1362.0	1362.7	1365.1	1367.3	1369.3	1370.0
-5°	1368.6	1366.8	1361.9	1368.6	1361.9	1366.8	1368.6	1371.2	1375.0	1377.7	1376.9
-7.5°	1374.9	1370.3	1365.7	1376.2	1365.7	1370.3	1374.9	1377.0	1381.5	1385.0	1384.7
-10°	1380.7	1374.1	1369.5	1379.8	1369.5	1374.1	1380.7	1385.4	1389.2	1392.6	1393.3
-12.5°	1388.4	1380.6	1377.6	1383.1	1377.6	1380.6	1388.4	1393.8	1397.9	1400.5	1399.5
-15°	1396.5	1391.2	1390.4	1393.7	1390.4	1391.2	1396.5	1402.2	1405.4	1407.5	1403.8
-17.5°	1403.6	1399.9	1401.8	1405.5	1401.8	1399.9	1403.6	1408.2	1411.0	1411.8	1406.7
-20°	1407.1	1405.0	1407.1	1416.4	1407.1	1405.0	1407.1	1410.0	1411.9	1411.3	1404.0



REPORT NUMBER: P645315 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-740-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°	1406.8	1406.9	1410.6	1413.7	1410.6	1406.9	1406.8	1408.3	1408.2	1405.9	1393.5
-25°	1401.4	1404.2	1408.5	1414.6	1408.5	1404.2	1401.4	1401.3	1399.4	1393.4	1380.8
-27.5°	1388.5	1393.1	1397.6	1404.0	1397.6	1393.1	1388.5	1386.7	1383.3	1375.1	1364.8
-30°	1369.8	1375.3	1379.3	1386.1	1379.3	1375.3	1369.8	1366.3	1361.1	1351.7	1336.2
-32.5°	1347.0	1353.3	1358.0	1362.9	1358.0	1353.3	1347.0	1341.8	1336.2	1325.3	1304.0
-35°	1318.5	1325.3	1330.3	1334.7	1330.3	1325.3	1318.5	1311.7	1304.7	1295.4	1271.0
-37.5°	1284.3	1291.6	1297.3	1302.4	1297.3	1291.6	1284.3	1276.1	1268.7	1259.6	1236.0
-40°	1244.4	1251.9	1258.0	1263.7	1258.0	1251.9	1244.4	1235.0	1226.7	1216.1	1195.6
-42.5°	1197.8	1205.4	1211.7	1217.4	1211.7	1205.4	1197.8	1187.8	1177.6	1164.8	1147.1
-45°	1144.0	1151.8	1158.4	1164.5	1158.4	1151.8	1144.0	1133.5	1120.6	1103.9	1082.8
-47.5°	1082.0	1090.4	1096.1	1098.9	1096.1	1090.4	1082.0	1070.9	1055.8	1036.4	1013.3
-50°	1011.0	1019.4	1026.1	1031.1	1026.1	1019.4	1011.0	999.9	984.7	963.5	939.1
-52.5°	932.8	940.8	946.6	950.1	946.6	940.8	932.8	922.0	907.3	884.7	858.9
-55°	847.2	855.5	861.0	863.6	861.0	855.5	847.2	836.0	821.9	798.8	773.4
-57.5°	750.0	757.9	763.8	767.2	763.8	757.9	750.0	739.2	725.6	703.9	679.5
-60°	642.6	649.7	654.2	655.9	654.2	649.7	642.6	632.7	620.0	600.9	578.5
-62.5°	532.7	539.4	543.6	545.2	543.6	539.4	532.7	523.7	512.6	497.0	478.2
-65°	424.0	428.2	430.6	430.9	430.6	428.2	424.0	417.7	409.2	397.2	382.7
-67.5°	327.1	330.3	332.2	332.9	332.2	330.3	327.1	322.7	317.1	310.0	301.1
-70°	256.7	258.9	260.2	260.4	260.2	258.9	256.7	253.4	248.9	243.0	235.7
-72.5°	191.3	192.9	192.4	191.1	192.4	192.9	191.3	189.1	186.2	182.9	179.5
-75°	149.3	151.0	150.3	149.1	150.3	151.0	149.3	147.2	144.8	142.1	139.0
-77.5°	119.3	120.9	120.1	118.8	120.1	120.9	119.3	117.4	115.2	112.8	110.0
-80°	85.2	86.1	86.8	87.1	86.8	86.1	85.2	84.0	82.7	81.2	80.1
-82.5°	43.6	42.3	41.5	40.5	41.5	42.3	43.6	44.6	45.4	46.0	46.2
-85°	12.3	12.0	12.2	12.4	12.2	12.0	12.3	12.6	12.8	12.9	14.0
-87.5°	3.5	3.6	3.6	3.6	3.6	3.6	3.5	3.4	3.3	3.2	3.2
-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: P645315 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	1.4	1.1	1.7	1.9	1.6	2.8	4.7	4.3	1.3	6.8	7.9
57.5°	20.0	16.6	34.8	34.7	14.5	19.6	26.3	17.3	11.3	19.4	25.6
55°	139.5	127.8	111.1	109.3	115.1	87.4	73.1	70.4	55.1	35.8	42.5
52.5°	196.7	185.0	173.6	163.0	154.3	145.0	131.4	116.6	111.9	90.1	69.5
50°	222.6	234.0	222.8	195.4	200.3	187.0	167.8	152.1	155.3	142.0	114.5
47.5°	301.9	315.8	316.1	299.7	281.6	276.0	247.7	198.7	202.0	201.4	172.3
45°	441.9	422.6	429.8	406.8	374.7	356.9	356.0	303.5	254.9	247.0	244.2
42.5°	518.7	504.3	489.5	472.4	444.0	415.6	398.2	368.6	329.6	295.0	282.7
40°	549.8	533.0	519.2	505.0	482.1	453.1	439.0	400.2	370.9	340.9	331.0
37.5°	587.3	555.5	567.9	541.1	519.9	512.8	501.9	461.5	396.4	390.9	385.9
35°	671.0	641.4	669.9	664.9	580.3	589.7	597.0	547.4	479.2	442.3	443.1
32.5°	862.2	793.8	772.9	798.5	754.0	680.2	681.3	666.2	573.2	519.4	495.8
30°	931.4	901.0	868.0	863.6	830.5	787.9	760.8	724.5	656.7	595.3	555.0
27.5°	961.2	933.6	905.9	884.5	865.4	836.4	801.1	758.5	710.3	655.3	616.0
25°	982.5	951.7	927.7	904.1	883.5	861.6	825.5	784.0	739.0	694.7	652.6
22.5°	999.6	970.8	945.1	919.7	903.0	879.4	847.0	804.1	773.9	745.8	691.0
20°	1018.4	990.6	961.6	962.9	938.2	898.8	867.7	846.3	842.2	810.5	739.9
17.5°	1099.6	1023.4	1037.5	1064.4	1010.1	938.7	927.5	928.8	915.6	886.1	798.3
15°	1273.8	1163.6	1164.6	1183.1	1124.3	1036.5	1016.2	1013.8	993.1	960.5	860.1
12.5°	1328.6	1291.9	1285.1	1257.5	1199.8	1134.2	1110.2	1097.1	1059.3	996.2	904.5
10°	1347.1	1325.9	1297.5	1269.8	1234.7	1208.4	1174.2	1126.9	1073.1	1012.3	937.6
7.5°	1349.3	1327.2	1304.4	1278.0	1247.2	1216.3	1182.5	1135.5	1083.5	1023.8	961.0
5°	1348.0	1326.0	1304.9	1279.6	1248.4	1218.4	1187.8	1141.3	1090.6	1031.4	976.3
2.5°	1344.7	1322.4	1302.3	1279.4	1248.3	1219.3	1191.0	1147.5	1095.6	1037.6	981.5
0°	1349.6	1327.5	1308.4	1282.7	1254.6	1221.0	1192.6	1153.9	1098.0	1041.7	983.4
-2.5°	1351.7	1328.8	1311.4	1282.3	1259.1	1224.8	1196.0	1158.6	1102.5	1049.0	988.1
-5°	1362.5	1339.9	1317.0	1288.0	1263.5	1231.4	1199.1	1160.5	1105.9	1053.0	990.2
-7.5°	1369.7	1346.7	1320.2	1292.0	1267.4	1236.8	1200.9	1160.7	1109.1	1053.0	991.2
-10°	1374.2	1350.2	1324.0	1295.1	1269.6	1238.2	1200.2	1159.7	1108.5	1050.5	989.0
-12.5°	1380.5	1353.5	1326.5	1293.7	1268.1	1235.8	1198.0	1157.4	1103.7	1045.9	983.3
-15°	1382.9	1355.1	1323.5	1291.4	1263.5	1232.1	1193.0	1150.5	1095.5	1038.8	974.0
-17.5°	1383.8	1352.2	1318.6	1287.8	1257.7	1224.4	1183.2	1138.0	1084.8	1026.2	961.9
-20°	1383.1	1346.3	1311.6	1278.1	1246.6	1212.8	1170.3	1125.5	1069.6	1010.0	946.1

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REPORT NUMBER: P645315 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1B-740-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°	1369.0	1335.7	1300.6	1264.2	1233.3	1197.4	1155.7	1109.4	1049.9	992.3	926.0
-25°	1353.5	1319.8	1283.6	1249.7	1216.8	1181.1	1138.3	1085.8	1029.2	969.3	901.6
-27.5°	1335.1	1299.7	1262.3	1227.9	1193.1	1158.0	1113.7	1060.8	1006.3	940.8	875.0
-30°	1310.3	1273.7	1235.6	1196.2	1164.4	1128.7	1084.9	1033.5	975.0	910.3	847.7
-32.5°	1276.6	1242.2	1204.1	1166.7	1133.5	1095.9	1051.7	1000.7	939.3	878.2	813.0
-35°	1242.4	1206.8	1170.4	1135.3	1100.3	1060.9	1015.8	960.3	901.6	841.0	773.4
-37.5°	1203.3	1166.2	1132.1	1098.6	1062.5	1022.2	972.4	918.8	861.6	795.0	730.6
-40°	1161.3	1125.6	1088.3	1055.2	1016.7	976.0	928.0	875.9	813.0	747.1	686.6
-42.5°	1111.5	1075.8	1037.4	1000.6	963.1	924.5	881.1	824.6	762.3	700.2	637.4
-45°	1051.3	1015.6	977.9	939.9	904.9	867.3	826.8	766.7	705.2	646.0	585.7
-47.5°	983.6	949.0	912.6	874.9	841.6	803.9	754.6	698.7	644.2	587.9	526.2
-50°	910.1	877.1	843.4	808.5	771.1	728.5	681.3	632.5	578.5	520.7	464.3
-52.5°	829.7	799.5	767.7	734.1	695.5	653.3	609.0	557.2	503.4	454.3	403.0
-55°	745.8	716.0	684.6	651.0	615.0	573.3	527.4	480.3	436.3	390.9	351.8
-57.5°	653.0	624.8	594.9	563.2	529.9	491.1	450.8	410.8	376.0	340.7	305.3
-60°	553.8	527.5	502.0	474.0	443.3	409.8	380.4	350.9	321.4	293.2	264.7
-62.5°	457.7	435.7	412.8	390.1	366.7	342.5	318.2	295.4	272.2	248.3	227.3
-65°	366.9	350.2	332.1	316.3	299.8	282.3	262.8	244.9	228.0	210.5	192.6
-67.5°	290.7	278.7	266.0	253.5	242.2	230.1	216.4	201.9	188.5	175.6	162.4
-70°	228.0	220.1	211.9	202.8	193.7	184.6	174.5	163.9	153.1	143.4	134.1
-72.5°	175.1	169.6	163.3	156.8	149.8	143.6	136.7	129.5	122.2	114.8	107.8
-75°	135.5	131.5	127.2	122.3	116.4	109.3	104.2	100.7	96.3	90.9	85.1
-77.5°	107.1	104.2	101.1	97.0	92.6	88.2	83.8	79.4	75.1	71.1	67.4
-80°	78.8	77.4	75.7	72.3	68.8	65.4	62.1	59.4	56.9	54.2	50.8
-82.5°	46.3	46.1	45.6	43.7	41.7	39.8	38.0	36.1	34.1	32.0	30.0
-85°	15.0	15.8	16.5	16.8	17.0	17.0	16.9	16.4	15.8	15.2	14.4
-87.5°	3.2	3.3	3.3	3.4	3.5	3.6	3.7	3.9	4.0	4.1	4.2
-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: P645315 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-740-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	0.8	0.7	0.5	0.6	1.2	0.9	0.8	0.6
62.5°	1.0	0.6	1.9	2.5	1.4	1.1	0.9	2.6	1.6	1.1	0.8
60°	2.4	1.9	5.3	8.5	5.9	2.0	2.9	4.6	4.2	1.4	1.1
57.5°	22.2	7.6	11.0	16.0	15.7	8.5	6.2	8.3	7.1	4.1	1.6
55°	47.3	39.8	26.3	24.1	26.0	21.0	13.7	13.4	11.0	7.6	2.6
52.5°	64.9	67.8	59.0	41.2	35.9	34.2	26.7	19.4	17.3	11.4	6.6
50°	94.0	87.5	86.7	72.8	50.3	45.5	39.4	30.4	24.2	16.4	11.2
47.5°	132.8	116.7	108.1	101.9	80.3	58.1	51.7	41.6	31.9	23.6	16.0
45°	189.8	150.8	134.2	124.1	110.1	81.7	64.7	52.4	41.6	31.7	21.0
42.5°	247.1	195.0	164.1	147.7	133.1	108.3	78.6	64.9	51.0	39.9	27.3
40°	297.6	240.5	195.4	174.4	155.7	134.1	101.2	78.3	60.3	48.3	34.6
37.5°	358.4	292.4	231.5	202.3	179.8	155.6	124.0	92.3	71.4	57.2	41.8
35°	417.2	359.5	271.9	236.1	206.6	177.6	146.0	108.8	85.1	66.2	49.1
32.5°	480.3	422.6	332.9	273.8	234.4	200.1	166.6	129.0	98.8	75.4	56.3
30°	530.0	464.2	386.4	311.6	264.6	225.3	187.1	148.3	112.6	84.6	63.5
27.5°	556.4	500.2	428.7	353.7	298.6	251.0	208.3	166.7	126.3	94.7	71.1
25°	583.7	525.5	458.9	390.5	332.1	278.3	229.4	184.3	141.3	106.1	78.6
22.5°	616.3	547.1	484.3	419.6	366.8	306.0	251.5	202.0	156.3	117.3	86.0
20°	649.1	567.1	509.5	459.3	400.7	335.9	274.6	219.4	170.5	128.2	93.2
17.5°	683.5	603.4	552.1	498.0	434.6	364.9	297.3	236.2	183.8	138.8	100.3
15°	743.3	657.8	595.1	535.7	468.3	392.8	319.6	252.4	196.1	148.9	106.8
12.5°	797.6	708.4	638.1	572.1	501.5	419.4	341.0	267.7	207.6	157.0	112.6
10°	842.5	755.4	680.6	607.1	533.6	444.5	361.4	280.3	214.5	163.1	118.0
7.5°	879.3	798.8	722.0	640.4	561.3	460.9	371.7	287.6	219.8	168.2	122.9
5°	905.9	827.7	744.0	652.0	569.9	467.7	378.8	293.5	224.1	172.5	127.3
2.5°	913.6	836.6	752.3	658.3	575.8	472.0	383.8	298.1	227.4	176.0	131.2
0°	918.0	842.5	757.5	662.2	578.8	474.1	386.8	301.2	229.8	178.7	134.6
-2.5°	924.3	847.5	762.5	672.2	580.8	480.4	388.5	303.2	232.8	179.7	136.6
-5°	927.4	849.5	764.9	679.0	580.3	484.2	388.3	303.9	234.7	180.0	138.0
-7.5°	926.0	848.8	765.0	681.1	577.6	485.1	386.1	303.2	235.5	179.8	138.9
-10°	921.9	845.4	762.0	675.7	575.2	481.7	382.4	301.3	235.0	179.0	139.3
-12.5°	915.5	838.9	756.1	667.8	570.2	474.6	377.9	298.0	233.1	177.8	139.0
-15°	907.3	829.6	747.0	657.8	561.9	465.2	371.3	293.2	229.4	176.4	138.2
-17.5°	896.7	817.4	734.8	645.9	550.2	453.6	362.4	286.9	224.8	174.7	136.6
-20°	877.9	801.0	719.2	632.4	535.1	439.8	351.1	279.2	219.3	172.2	134.2

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REPORT NUMBER: P645315 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	856.6	780.7	699.9	614.3	516.8	423.9	337.5	270.1	213.0	169.0	131.3
-25°	834.0	757.8	677.4	589.1	496.7	407.1	323.9	259.5	205.8	165.1	128.0
-27.5°	807.4	731.9	651.9	561.4	473.3	387.7	310.8	250.1	198.9	160.4	124.2
-30°	777.6	701.5	620.0	531.8	447.6	365.2	296.1	240.1	193.1	155.3	120.0
-32.5°	743.3	668.0	584.7	501.5	420.6	341.3	279.9	229.4	186.3	149.9	116.1
-35°	704.4	629.0	547.3	469.0	391.9	322.0	264.1	218.0	178.6	144.0	112.0
-37.5°	663.8	587.2	509.9	435.0	361.4	301.1	249.9	206.8	170.0	137.7	107.5
-40°	617.5	544.1	470.6	400.1	335.0	278.7	234.5	195.7	161.9	131.0	102.6
-42.5°	569.8	498.9	429.6	363.1	308.9	260.4	218.4	183.8	153.4	124.5	97.2
-45°	518.3	451.2	386.1	331.9	282.4	241.1	204.2	171.4	144.3	117.9	91.7
-47.5°	464.1	401.0	346.5	299.3	259.8	221.6	189.2	160.7	134.7	110.8	86.1
-50°	406.6	354.2	310.0	271.1	235.5	204.1	174.2	149.5	125.9	103.0	80.3
-52.5°	355.6	313.7	277.1	243.8	214.1	185.7	161.3	138.0	116.9	95.5	74.2
-55°	312.0	277.6	246.7	219.0	192.8	169.9	147.9	127.8	107.7	88.0	68.1
-57.5°	274.3	244.2	219.5	195.4	173.8	154.3	135.8	117.4	98.8	80.3	63.2
-60°	238.0	215.6	193.6	174.2	156.0	139.4	124.3	107.0	89.8	72.5	57.8
-62.5°	206.7	187.6	171.0	154.1	138.9	125.4	112.7	96.8	80.6	65.3	51.9
-65°	177.4	162.7	148.6	135.1	122.5	111.1	100.8	86.4	71.3	57.6	45.8
-67.5°	149.6	138.5	127.4	116.1	106.2	96.9	88.1	75.1	61.6	49.6	39.7
-70°	124.7	115.2	106.5	98.1	90.1	82.4	74.1	63.1	51.5	42.4	33.5
-72.5°	101.2	94.3	87.0	80.1	74.2	67.4	59.8	51.2	43.1	35.1	27.1
-75°	79.5	74.9	69.8	64.3	58.8	52.7	47.7	41.7	34.6	27.6	21.9
-77.5°	63.6	59.1	54.0	49.7	46.0	41.8	37.2	32.0	26.4	21.5	16.9
-80°	46.9	43.5	40.6	38.1	34.7	30.9	27.1	23.3	19.2	15.4	11.9
-82.5°	28.6	27.9	27.1	25.9	23.1	20.3	17.5	14.8	11.9	9.2	7.6
-85°	14.3	14.0	13.6	13.0	11.3	9.5	8.7	7.9	7.0	6.0	5.1
-87.5°	4.7	5.1	5.3	5.6	5.2	4.8	4.4	4.0	3.5	3.0	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: P645315 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1B-740-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°	0.9	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	1.4	1.0	0.8	0.7	0.4	0.0
55°	3.3	1.7	1.3	0.8	0.7	0.4	0.0
52.5°	4.7	2.2	1.5	0.8	0.7	0.5	0.0
50°	6.4	3.7	1.8	0.9	0.8	0.5	0.0
47.5°	8.6	5.4	2.1	0.9	0.8	0.5	0.0
45°	12.9	7.2	2.4	1.2	0.8	0.6	0.0
42.5°	17.4	9.1	2.7	1.4	0.9	0.6	0.0
40°	22.0	11.1	3.6	1.7	0.9	0.6	0.0
37.5°	26.6	13.2	5.2	2.0	1.0	0.6	0.0
35°	31.4	16.4	6.8	2.5	1.0	0.7	0.0
32.5°	36.5	20.2	8.4	2.9	1.0	0.7	0.0
30°	42.4	23.9	10.1	3.4	1.1	0.7	0.0
27.5°	48.1	27.5	12.1	3.9	1.1	0.7	0.0
25°	53.7	31.1	14.2	4.4	1.2	0.8	0.0
22.5°	59.2	34.8	16.2	5.0	1.2	0.8	0.0
20°	64.4	38.8	18.3	5.6	1.2	0.8	0.0
17.5°	69.6	42.6	20.3	6.2	1.3	0.8	0.0
15°	74.6	46.2	22.3	6.8	1.3	0.8	0.0
12.5°	79.3	49.7	24.2	7.3	1.3	0.8	0.0
10°	83.6	53.0	26.0	7.9	1.4	0.9	0.0
7.5°	87.6	56.1	27.7	8.5	1.4	0.9	0.0
5°	91.3	58.9	29.3	9.0	1.4	0.9	0.0
2.5°	94.5	61.5	30.8	9.5	1.5	0.9	0.0
0°	97.4	63.8	32.1	10.0	1.5	0.9	0.0
-2.5°	98.8	65.3	33.3	10.7	1.7	1.0	0.0
-5°	99.9	66.4	34.4	11.2	2.0	1.0	0.0
-7.5°	100.5	67.2	35.2	11.8	2.2	1.0	0.0
-10°	100.8	67.8	35.8	12.3	2.4	1.1	0.0
-12.5°	100.8	68.0	36.3	12.6	2.6	1.1	0.0
-15°	100.4	67.9	36.5	13.0	2.8	1.2	0.0
-17.5°	99.6	67.5	36.4	13.2	3.0	1.2	0.0
-20°	98.5	66.8	36.2	13.3	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°	96.8	65.7	35.7	13.4	3.3	1.3	0.0
-25°	94.8	64.2	34.9	13.3	3.5	1.3	0.0
-27.5°	92.4	62.2	33.9	13.1	3.6	1.3	0.0
-30°	89.6	60.0	32.6	12.9	3.7	1.3	0.0
-32.5°	86.4	57.5	31.1	12.5	3.7	1.3	0.0
-35°	83.0	54.7	29.5	12.0	3.8	1.3	0.0
-37.5°	79.4	51.9	27.7	11.4	3.8	1.3	0.0
-40°	75.4	49.4	25.7	10.7	3.8	1.3	0.0
-42.5°	71.2	46.7	24.2	9.9	3.8	1.3	0.0
-45°	66.7	43.8	23.2	9.2	3.8	1.2	0.0
-47.5°	62.0	40.8	22.0	8.3	3.7	1.2	0.0
-50°	58.0	37.6	20.6	8.0	3.6	1.2	0.0
-52.5°	54.0	34.2	19.0	7.8	3.5	1.1	0.0
-55°	49.9	31.7	17.3	7.6	3.3	1.1	0.0
-57.5°	45.6	29.1	15.4	7.2	3.2	1.0	0.0
-60°	41.2	26.3	13.4	6.8	3.0	1.0	0.0
-62.5°	37.2	23.3	12.4	6.3	2.8	0.9	0.0
-65°	33.0	20.0	11.3	5.8	2.6	0.8	0.0
-67.5°	28.4	17.3	10.1	5.1	2.4	0.8	0.0
-70°	23.7	15.2	8.8	4.5	2.2	0.7	0.0
-72.5°	20.0	12.8	7.4	3.9	1.9	0.6	0.0
-75°	16.4	10.4	5.9	3.4	1.7	0.5	0.0
-77.5°	12.5	7.8	4.9	2.9	1.4	0.4	0.0
-80°	8.6	5.9	3.9	2.3	1.1	0.4	0.0
-82.5°	6.3	4.5	3.0	1.8	0.9	0.3	0.0
-85°	4.2	3.0	2.0	1.2	0.6	0.2	0.0
-87.5°	2.1	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)