

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: P645313 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA1B-735-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645313 (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-735-U-LAM-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQUARE, LAMBERTIAN WITH VISOR
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

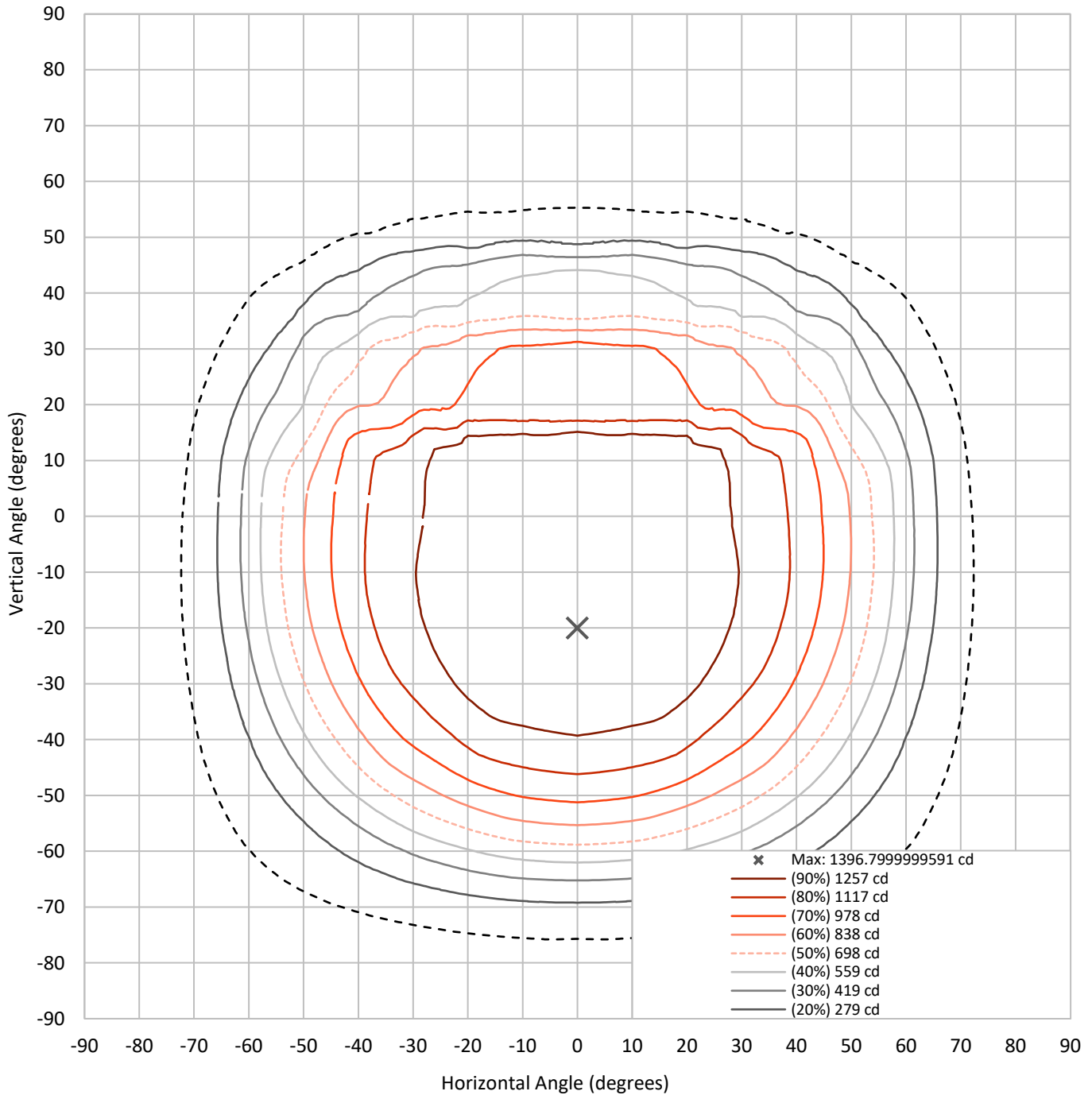
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	3275.2 lumens	Max Intensity:	1396.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	97.8 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:	2560.3 lumens	Field Lumens:	3210.1 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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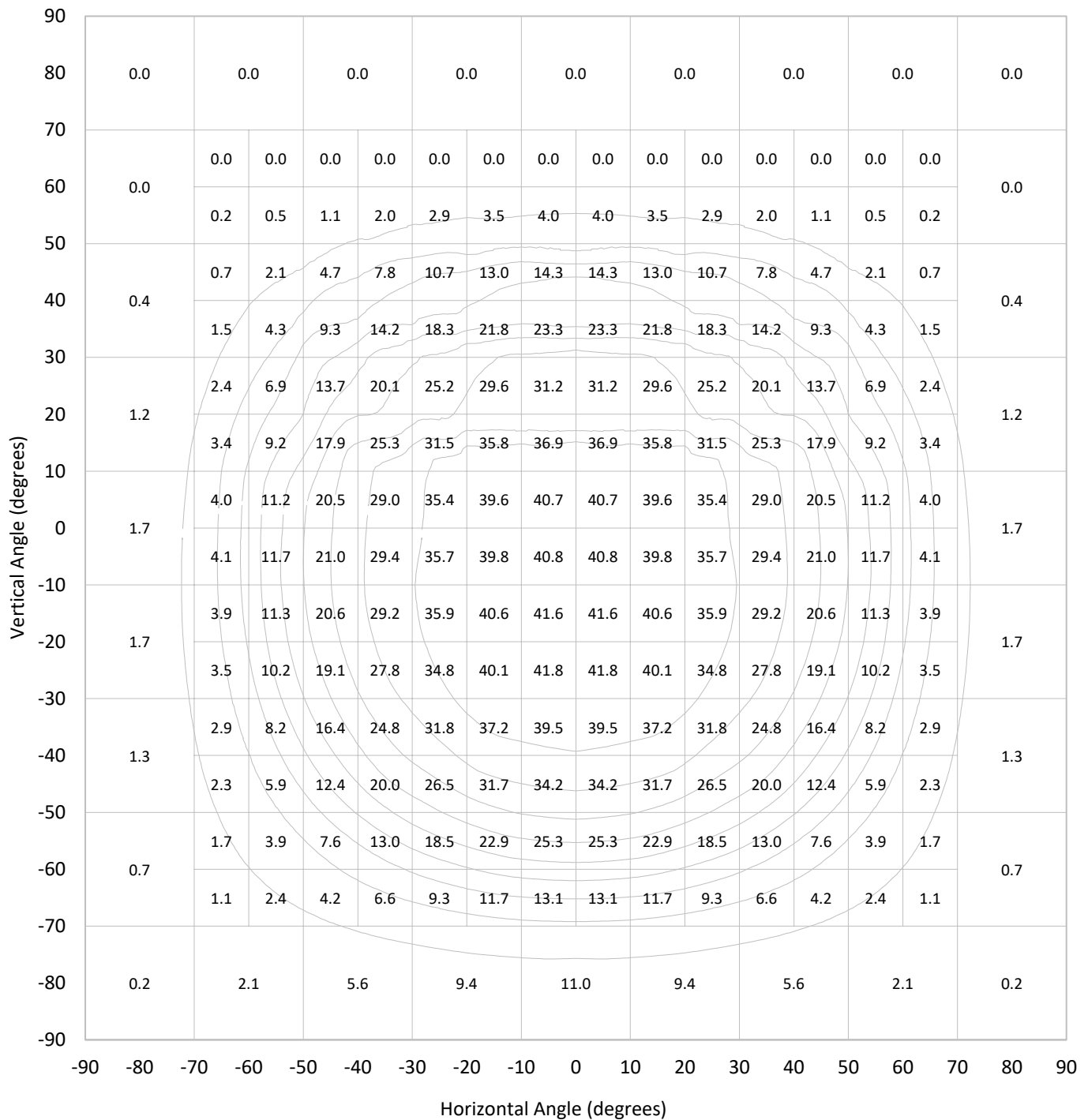
Iso-Candela Plot





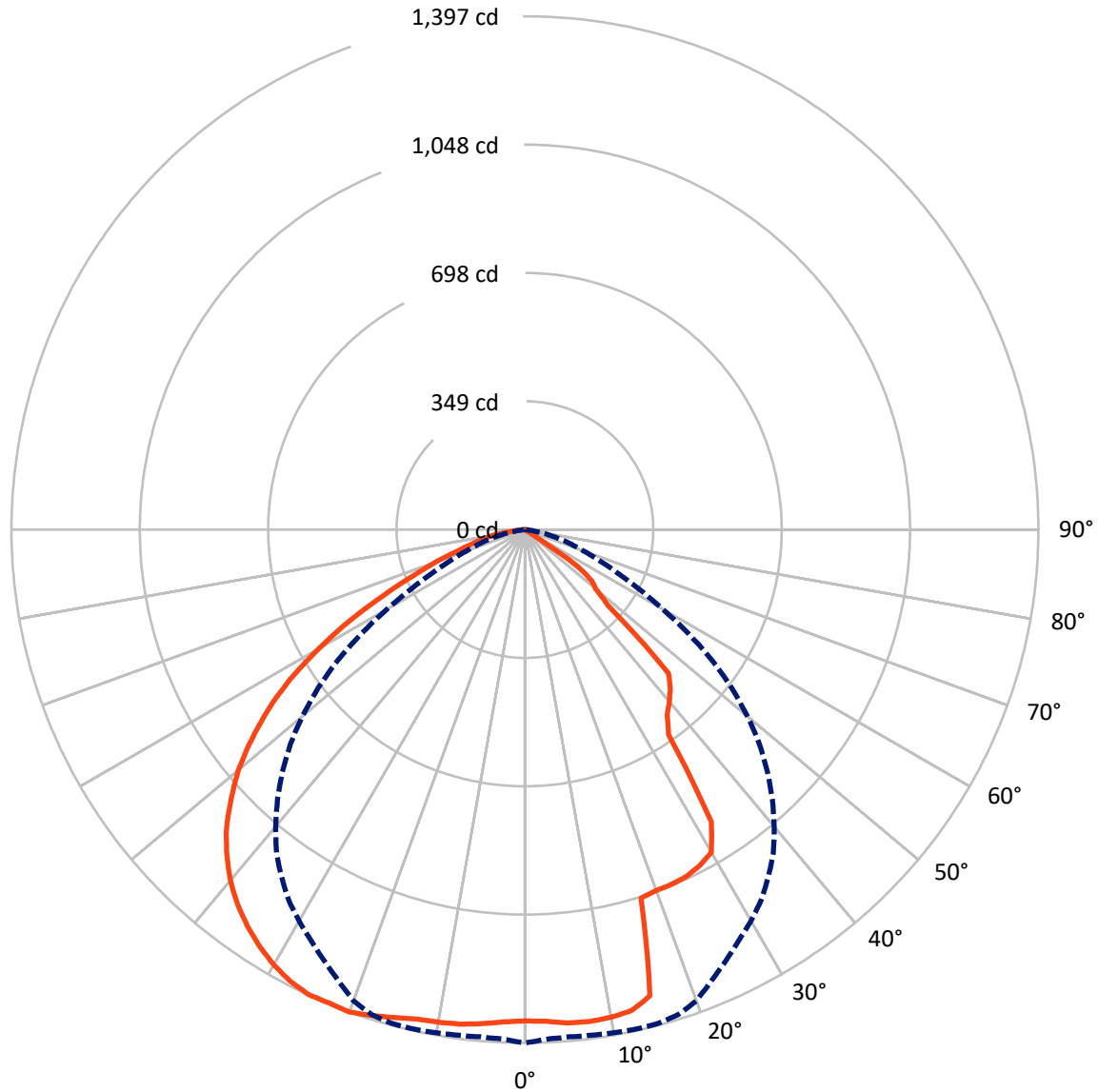
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Lumen Table



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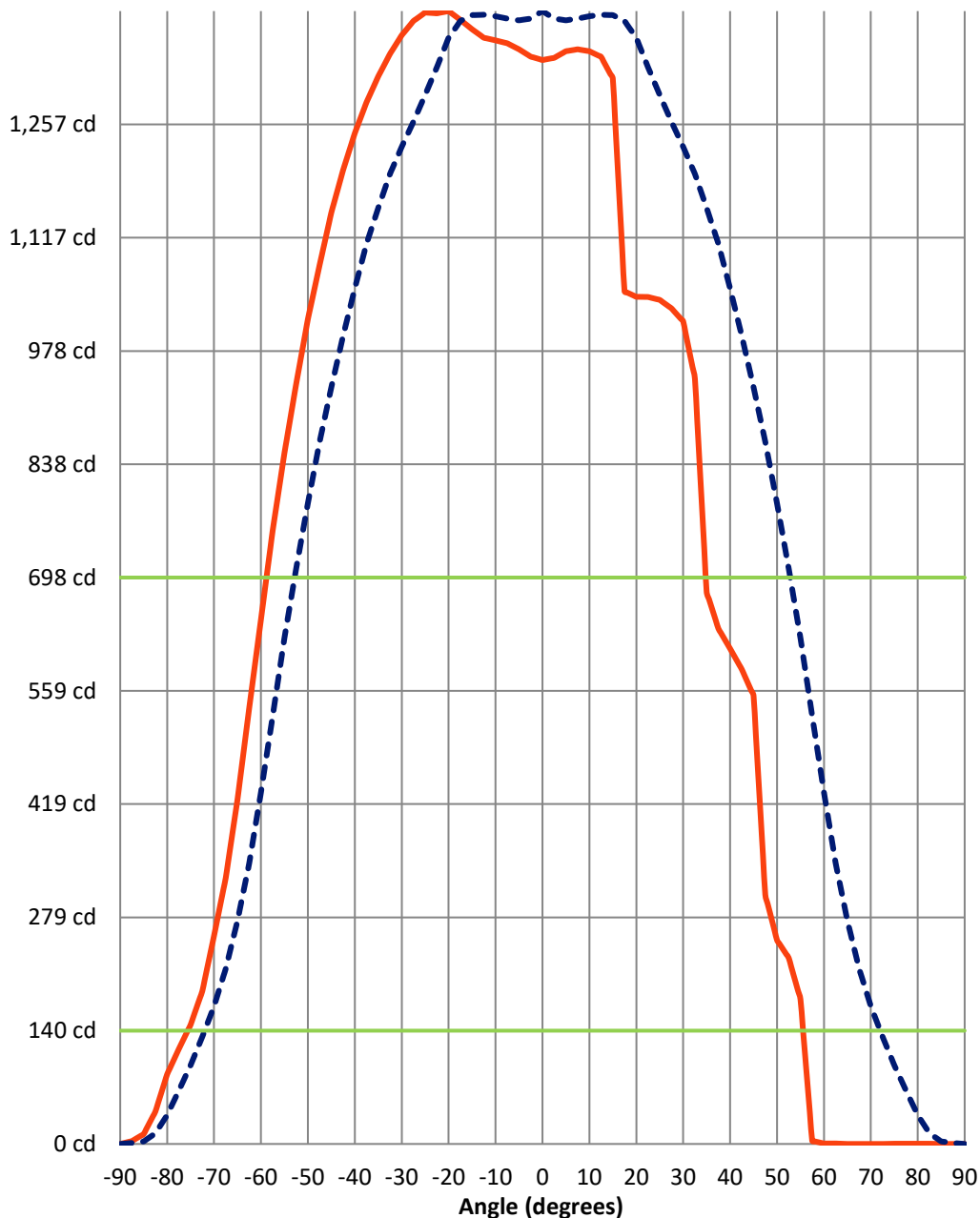
Luminous Intensity Polar Plot



— 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: 2560.3
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 3210.1
 Efficiency: 98.0%

Spill:
 Lumens: 65
 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	4.1	4.5
57.5°	0.0	0.4	0.7	0.8	1.0	1.4	2.0	1.6	4.1	7.0	8.2
55°	0.0	0.4	0.7	0.8	1.3	1.7	3.3	2.6	7.5	10.9	13.2
52.5°	0.0	0.5	0.7	0.8	1.5	2.2	4.7	6.5	11.3	17.0	19.2
50°	0.0	0.5	0.8	0.9	1.8	3.7	6.3	11.0	16.1	23.9	30.0
47.5°	0.0	0.5	0.8	0.9	2.1	5.4	8.5	15.8	23.3	31.5	41.0
45°	0.0	0.6	0.8	1.2	2.4	7.1	12.8	20.7	31.2	41.1	51.7
42.5°	0.0	0.6	0.9	1.4	2.7	9.0	17.2	27.0	39.4	50.3	64.0
40°	0.0	0.6	0.9	1.7	3.6	11.0	21.7	34.1	47.7	59.5	77.2
37.5°	0.0	0.6	1.0	2.0	5.2	13.1	26.2	41.2	56.4	70.4	91.0
35°	0.0	0.7	1.0	2.4	6.8	16.2	30.9	48.4	65.3	83.9	107.3
32.5°	0.0	0.7	1.0	2.9	8.4	19.9	36.0	55.5	74.3	97.4	127.2
30°	0.0	0.7	1.1	3.3	10.0	23.6	41.7	62.7	83.4	111.0	146.2
27.5°	0.0	0.7	1.1	3.8	12.0	27.2	47.4	70.1	93.4	124.6	164.4
25°	0.0	0.8	1.2	4.4	14.0	30.7	52.9	77.5	104.7	139.4	181.7
22.5°	0.0	0.8	1.2	4.9	16.0	34.3	58.3	84.8	115.7	154.2	199.2
20°	0.0	0.8	1.2	5.5	18.0	38.2	63.5	91.9	126.5	168.1	216.4
17.5°	0.0	0.8	1.3	6.1	20.0	41.9	68.6	98.9	136.9	181.2	233.0
15°	0.0	0.8	1.3	6.6	22.0	45.6	73.6	105.3	146.9	193.4	248.9
12.5°	0.0	0.8	1.3	7.2	23.8	49.0	78.2	111.0	154.9	204.8	264.1
10°	0.0	0.9	1.4	7.8	25.6	52.2	82.4	116.3	160.8	211.6	276.4
7.5°	0.0	0.9	1.4	8.3	27.3	55.3	86.4	121.1	165.9	216.8	283.6
5°	0.0	0.9	1.4	8.9	28.9	58.1	90.0	125.5	170.1	221.0	289.5
2.5°	0.0	0.9	1.5	9.3	30.3	60.6	93.2	129.3	173.5	224.3	293.9
0°	0.0	0.9	1.5	9.8	31.6	62.9	96.0	132.7	176.2	226.6	297.0
-2.5°	0.0	1.0	1.7	10.4	32.8	64.3	97.4	134.7	177.2	229.5	299.0
-5°	0.0	1.0	2.0	11.0	33.8	65.5	98.4	136.1	177.5	231.4	299.6
-7.5°	0.0	1.0	2.2	11.6	34.7	66.3	99.1	137.0	177.3	232.2	299.0
-10°	0.0	1.1	2.4	12.0	35.3	66.8	99.4	137.3	176.5	231.7	297.0
-12.5°	0.0	1.1	2.6	12.4	35.7	67.0	99.3	137.1	175.3	229.9	293.8
-15°	0.0	1.2	2.8	12.7	35.9	66.9	98.9	136.3	173.9	226.2	289.1
-17.5°	0.0	1.2	3.0	13.0	35.9	66.5	98.2	134.6	172.2	221.7	282.9
-20°	0.0	1.2	3.2	13.1	35.6	65.8	97.1	132.3	169.8	216.3	275.3

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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	13.1	35.1	64.8	95.5	129.4	166.7	210.0	266.3
-25°	0.0	1.3	3.4	13.1	34.4	63.2	93.5	126.2	162.8	203.0	255.9
-27.5°	0.0	1.3	3.5	12.9	33.4	61.3	91.1	122.5	158.2	196.1	246.6
-30°	0.0	1.3	3.6	12.7	32.1	59.1	88.3	118.3	153.1	190.4	236.7
-32.5°	0.0	1.3	3.7	12.3	30.7	56.6	85.2	114.5	147.8	183.7	226.2
-35°	0.0	1.3	3.8	11.8	29.1	53.9	81.9	110.5	142.0	176.1	215.0
-37.5°	0.0	1.3	3.8	11.2	27.3	51.2	78.2	106.0	135.8	167.7	203.9
-40°	0.0	1.3	3.8	10.5	25.3	48.7	74.3	101.1	129.2	159.7	193.0
-42.5°	0.0	1.3	3.8	9.8	23.8	46.0	70.2	95.8	122.8	151.3	181.2
-45°	0.0	1.2	3.7	9.0	22.8	43.2	65.7	90.4	116.3	142.3	169.0
-47.5°	0.0	1.2	3.7	8.2	21.7	40.2	61.1	84.9	109.3	132.9	158.5
-50°	0.0	1.2	3.6	7.9	20.3	37.0	57.1	79.2	101.6	124.2	147.4
-52.5°	0.0	1.1	3.5	7.7	18.8	33.7	53.2	73.2	94.2	115.3	136.1
-55°	0.0	1.1	3.3	7.5	17.0	31.2	49.1	67.1	86.8	106.2	126.0
-57.5°	0.0	1.0	3.2	7.1	15.2	28.7	44.9	62.3	79.1	97.4	115.8
-60°	0.0	1.0	3.0	6.7	13.2	25.9	40.6	56.9	71.5	88.5	105.5
-62.5°	0.0	0.9	2.8	6.3	12.3	23.0	36.7	51.1	64.3	79.4	95.5
-65°	0.0	0.8	2.6	5.7	11.2	19.8	32.5	45.1	56.8	70.3	85.2
-67.5°	0.0	0.8	2.4	5.1	10.0	17.1	28.1	39.1	48.9	60.7	74.0
-70°	0.0	0.7	2.2	4.4	8.7	15.0	23.4	33.0	41.8	50.8	62.2
-72.5°	0.0	0.6	1.9	3.9	7.3	12.7	19.8	26.8	34.6	42.5	50.5
-75°	0.0	0.5	1.7	3.4	5.8	10.2	16.2	21.6	27.2	34.1	41.1
-77.5°	0.0	0.4	1.4	2.9	4.8	7.7	12.4	16.7	21.2	26.0	31.6
-80°	0.0	0.4	1.1	2.3	3.9	5.9	8.5	11.7	15.2	18.9	22.9
-82.5°	0.0	0.3	0.9	1.7	2.9	4.4	6.2	7.5	9.1	11.7	14.5
-85°	0.0	0.2	0.6	1.2	2.0	3.0	4.2	5.0	5.9	6.8	7.8
-87.5°	0.0	0.1	0.3	0.6	1.0	1.5	2.1	2.5	3.0	3.4	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: P645313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-735-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	8.4	5.3	1.9	2.4	7.8	6.8	1.3	4.2
57.5°	6.1	8.4	15.5	15.8	10.9	7.5	21.9	25.3	19.1	11.2	17.1
55°	13.5	20.7	25.7	23.8	26.0	39.3	46.7	41.9	35.3	54.3	69.4
52.5°	26.3	33.7	35.4	40.6	58.2	66.8	64.0	68.5	88.8	110.3	115.0
50°	38.9	44.9	49.6	71.7	85.5	86.3	92.7	112.8	140.0	153.1	150.0
47.5°	51.0	57.3	79.2	100.4	106.6	115.0	131.0	169.8	198.6	199.1	195.9
45°	63.8	80.5	108.5	122.4	132.4	148.7	187.2	240.8	243.6	251.4	299.3
42.5°	77.5	106.8	131.2	145.6	161.8	192.2	243.6	278.8	290.9	325.0	363.5
40°	99.7	132.2	153.5	171.9	192.7	237.2	293.4	326.4	336.2	365.7	394.7
37.5°	122.3	153.4	177.3	199.5	228.3	288.3	353.4	380.6	385.5	390.9	455.1
35°	144.0	175.1	203.7	232.8	268.1	354.5	411.4	437.0	436.1	472.6	539.8
32.5°	164.2	197.3	231.1	270.0	328.3	416.8	473.7	489.0	512.2	565.2	657.0
30°	184.5	222.1	260.9	307.3	381.1	457.8	522.8	547.4	587.1	647.6	714.4
27.5°	205.4	247.5	294.5	348.8	422.8	493.3	548.7	607.6	646.2	700.4	747.9
25°	226.2	274.5	327.6	385.1	452.5	518.3	575.6	643.5	685.0	728.8	773.1
22.5°	248.0	301.7	361.7	413.8	477.6	539.5	607.8	681.5	735.4	763.3	793.0
20°	270.8	331.3	395.3	453.0	502.4	559.2	640.1	729.6	799.3	830.5	834.6
17.5°	293.2	359.9	428.6	491.1	544.5	595.1	674.0	787.3	873.9	903.0	915.9
15°	315.1	387.4	461.9	528.3	586.9	648.7	733.0	848.2	947.2	979.4	999.8
12.5°	336.3	413.6	494.6	564.2	629.3	698.6	786.6	892.0	982.4	1044.6	1082.0
10°	356.4	438.4	526.3	598.7	671.2	744.9	830.9	924.7	998.2	1058.3	1111.3
7.5°	366.5	454.6	553.5	631.5	712.1	787.7	867.2	947.7	1009.6	1068.5	1119.8
5°	373.5	461.2	562.1	643.0	733.8	816.3	893.4	962.8	1017.1	1075.4	1125.5
2.5°	378.4	465.5	567.8	649.2	741.9	825.0	900.9	967.9	1023.2	1080.4	1131.6
0°	381.4	467.6	570.8	653.1	747.0	830.8	905.3	969.8	1027.3	1082.8	1137.9
-2.5°	383.1	473.8	572.7	663.0	751.9	835.8	911.4	974.4	1034.5	1087.3	1142.6
-5°	382.9	477.6	572.2	669.6	754.3	837.7	914.5	976.5	1038.4	1090.6	1144.5
-7.5°	380.8	478.4	569.6	671.7	754.4	837.1	913.2	977.5	1038.3	1093.8	1144.7
-10°	377.0	475.0	567.2	666.3	751.5	833.7	909.1	975.3	1035.9	1093.1	1143.7
-12.5°	372.7	468.0	562.3	658.6	745.6	827.3	902.8	969.7	1031.4	1088.5	1141.4
-15°	366.1	458.8	554.1	648.7	736.7	818.1	894.7	960.6	1024.4	1080.3	1134.6
-17.5°	357.3	447.3	542.6	637.0	724.6	806.1	884.3	948.5	1012.1	1069.8	1122.3
-20°	346.2	433.7	527.6	623.7	709.3	789.9	865.7	932.9	996.1	1054.8	1109.9

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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°	332.8	418.0	509.6	605.7	690.2	769.9	844.8	913.1	978.5	1035.4	1094.1
-25°	319.4	401.5	489.8	580.9	668.0	747.3	822.4	889.1	955.9	1015.0	1070.8
-27.5°	306.5	382.3	466.7	553.6	642.9	721.8	796.2	862.9	927.8	992.4	1046.1
-30°	292.0	360.1	441.4	524.4	611.4	691.8	766.8	836.0	897.7	961.5	1019.2
-32.5°	276.1	336.5	414.7	494.5	576.6	658.8	733.0	801.7	866.0	926.3	986.9
-35°	260.4	317.5	386.4	462.5	539.7	620.3	694.6	762.7	829.4	889.1	947.0
-37.5°	246.4	296.9	356.3	429.0	502.8	579.0	654.6	720.5	783.9	849.7	906.1
-40°	231.2	274.8	330.3	394.5	464.1	536.6	608.9	677.1	736.7	801.7	863.7
-42.5°	215.3	256.8	304.6	357.9	423.6	492.0	561.9	628.5	690.4	751.7	813.2
-45°	201.4	237.7	278.4	327.2	380.7	445.0	511.1	577.6	637.0	695.4	756.1
-47.5°	186.6	218.5	256.2	295.2	341.6	395.4	457.6	518.9	579.7	635.3	689.0
-50°	171.8	201.3	232.2	267.3	305.7	349.3	400.9	457.9	513.5	570.5	623.7
-52.5°	159.1	183.1	211.1	240.4	273.2	309.3	350.7	397.5	448.0	496.4	549.5
-55°	145.9	167.6	190.1	215.9	243.3	273.7	307.6	346.9	385.5	430.3	473.6
-57.5°	133.9	152.1	171.4	192.7	216.4	240.8	270.4	301.0	336.0	370.8	405.1
-60°	122.6	137.5	153.8	171.8	190.9	212.6	234.7	261.0	289.2	317.0	346.1
-62.5°	111.1	123.7	137.0	151.9	168.6	185.0	203.9	224.1	244.9	268.4	291.4
-65°	99.4	109.5	120.8	133.2	146.5	160.4	175.0	189.9	207.6	224.8	241.5
-67.5°	86.9	95.6	104.7	114.5	125.6	136.5	147.5	160.1	173.1	185.9	199.1
-70°	73.1	81.2	88.8	96.8	105.0	113.6	122.9	132.2	141.4	151.0	161.6
-72.5°	59.0	66.5	73.2	79.0	85.8	93.0	99.8	106.3	113.2	120.5	127.7
-75°	47.0	52.0	58.0	63.5	68.8	73.9	78.3	83.9	89.6	94.9	99.3
-77.5°	36.7	41.2	45.3	49.0	53.3	58.3	62.7	66.5	70.1	74.1	78.3
-80°	26.7	30.4	34.2	37.6	40.1	42.9	46.3	50.1	53.5	56.2	58.6
-82.5°	17.2	19.9	22.7	25.5	26.7	27.5	28.2	29.5	31.6	33.7	35.6
-85°	8.6	9.3	11.0	12.8	13.4	13.8	14.1	14.3	15.0	15.6	16.2
-87.5°	4.3	4.7	5.1	5.4	5.3	5.0	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: P645313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-735-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	0.8	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°	25.9	19.4	14.4	34.2	34.3	16.4	19.8	31.0	25.6	8.4	7.8
55°	72.1	86.3	113.5	107.8	109.6	126.0	137.6	121.8	119.4	127.2	147.0
52.5°	129.6	143.0	152.2	160.7	171.2	182.4	194.0	201.3	208.2	215.5	219.9
50°	165.4	184.4	197.4	192.6	219.7	230.7	219.5	229.6	241.8	245.1	246.7
47.5°	244.3	272.1	277.6	295.6	311.7	311.4	297.7	298.5	334.9	367.1	382.8
45°	351.0	352.0	369.5	401.2	423.9	416.7	435.8	479.3	493.8	507.7	519.2
42.5°	392.7	409.9	437.8	465.9	482.7	497.4	511.5	527.5	546.3	561.5	573.7
40°	432.9	446.8	475.4	498.0	511.9	525.6	542.1	559.9	577.0	590.4	599.5
37.5°	494.9	505.7	512.6	533.6	560.0	547.9	579.1	601.6	611.8	625.4	626.6
35°	588.7	581.5	572.3	655.7	660.7	632.5	661.7	696.5	678.2	716.4	736.9
32.5°	671.8	670.8	743.6	787.4	762.2	782.8	850.2	847.2	892.2	913.0	907.1
30°	750.2	776.9	819.0	851.7	856.0	888.5	918.5	944.7	971.8	996.2	997.8
27.5°	790.0	824.9	853.5	872.3	893.4	920.7	947.9	977.4	1000.5	1015.8	1019.5
25°	814.0	849.7	871.3	891.6	914.9	938.5	968.9	1001.1	1019.6	1029.0	1032.0
22.5°	835.3	867.3	890.5	907.0	932.1	957.4	985.8	1013.0	1033.2	1037.2	1038.7
20°	855.7	886.4	925.2	949.6	948.4	976.9	1004.2	1025.9	1042.7	1042.6	1043.0
17.5°	914.7	925.7	996.2	1049.7	1023.2	1009.2	1084.4	1085.8	1090.3	1081.4	1062.2
15°	1002.2	1022.2	1108.8	1166.8	1148.5	1147.5	1256.1	1229.2	1252.4	1246.3	1272.4
12.5°	1094.8	1118.5	1183.2	1240.1	1267.2	1273.9	1310.2	1344.2	1351.2	1348.5	1343.3
10°	1157.9	1191.6	1217.6	1252.2	1279.5	1307.5	1328.5	1352.9	1360.9	1356.3	1349.8
7.5°	1166.1	1199.4	1229.9	1260.3	1286.4	1308.9	1330.7	1350.5	1358.7	1356.0	1351.5
5°	1171.3	1201.5	1231.1	1261.9	1286.8	1307.7	1329.4	1349.5	1354.3	1351.1	1346.7
2.5°	1174.5	1202.5	1231.0	1261.7	1284.3	1304.1	1326.1	1347.6	1347.6	1346.2	1343.6
0°	1176.1	1204.1	1237.2	1265.0	1290.3	1309.1	1330.9	1351.7	1350.3	1346.4	1341.9
-2.5°	1179.5	1207.9	1241.6	1264.7	1293.2	1310.4	1332.9	1351.0	1350.3	1348.4	1346.2
-5°	1182.5	1214.4	1246.0	1270.2	1298.8	1321.3	1343.6	1357.8	1358.6	1355.9	1352.2
-7.5°	1184.3	1219.7	1249.8	1274.1	1301.9	1328.1	1350.7	1365.6	1365.9	1362.4	1357.9
-10°	1183.7	1221.0	1252.1	1277.2	1305.6	1331.5	1355.1	1374.0	1373.4	1370.0	1366.2
-12.5°	1181.4	1218.7	1250.6	1275.8	1308.1	1334.7	1361.4	1380.1	1381.1	1378.6	1374.4
-15°	1176.5	1215.1	1246.0	1273.5	1305.2	1336.3	1363.7	1384.4	1388.0	1386.0	1382.7
-17.5°	1166.8	1207.5	1240.4	1270.0	1300.3	1333.5	1364.7	1387.2	1392.3	1391.4	1388.7
-20°	1154.0	1196.0	1229.4	1260.4	1293.5	1327.6	1363.9	1384.5	1391.8	1392.3	1390.5

Classified

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

Scaled Data Report



REPORT NUMBER: P645313 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1B-735-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°	1139.7	1180.8	1216.2	1246.7	1282.6	1317.1	1350.0	1374.2	1386.5	1388.7	1388.8
-25°	1122.5	1164.7	1199.9	1232.4	1265.8	1301.5	1334.7	1361.7	1374.1	1380.1	1381.9
-27.5°	1098.3	1141.9	1176.5	1210.9	1244.8	1281.6	1316.6	1345.9	1356.0	1364.2	1367.5
-30°	1069.9	1113.0	1148.3	1179.7	1218.5	1256.1	1292.1	1317.7	1333.0	1342.3	1347.4
-32.5°	1037.2	1080.8	1117.8	1150.6	1187.5	1225.0	1258.9	1285.9	1307.0	1317.7	1323.2
-35°	1001.7	1046.2	1085.0	1119.5	1154.2	1190.1	1225.2	1253.4	1277.4	1286.7	1293.5
-37.5°	958.9	1008.0	1047.8	1083.4	1116.4	1150.1	1186.6	1218.9	1242.2	1251.2	1258.4
-40°	915.1	962.5	1002.6	1040.6	1073.3	1110.1	1145.3	1179.1	1199.3	1209.8	1217.9
-42.5°	868.9	911.7	949.8	986.7	1023.0	1060.9	1096.1	1131.2	1148.7	1161.3	1171.4
-45°	815.5	855.3	892.4	926.9	964.3	1001.5	1036.7	1067.8	1088.6	1105.0	1117.8
-47.5°	744.2	792.8	830.0	862.8	900.0	935.9	970.0	999.2	1022.0	1041.2	1056.1
-50°	671.8	718.5	760.4	797.3	831.8	865.0	897.5	926.0	950.2	971.0	986.1
-52.5°	600.6	644.3	685.9	724.0	757.1	788.4	818.2	846.9	872.4	894.7	909.3
-55°	520.1	565.4	606.6	642.1	675.2	706.1	735.5	762.7	787.8	810.5	824.5
-57.5°	444.6	484.3	522.6	555.4	586.6	616.1	643.9	670.1	694.2	715.5	729.0
-60°	375.1	404.1	437.1	467.4	495.1	520.2	546.2	570.5	592.6	611.4	623.9
-62.5°	313.8	337.8	361.6	384.6	407.1	429.7	451.4	471.6	490.1	505.5	516.5
-65°	259.2	278.4	295.6	311.9	327.5	345.3	361.8	377.4	391.8	403.5	411.9
-67.5°	213.4	226.9	238.9	250.1	262.3	274.9	286.7	296.9	305.7	312.7	318.2
-70°	172.1	182.0	191.0	199.9	208.9	217.1	224.9	232.4	239.6	245.4	249.8
-72.5°	134.8	141.6	147.7	154.5	161.0	167.2	172.6	176.9	180.3	183.6	186.5
-75°	102.8	107.9	114.8	120.6	125.4	129.6	133.5	137.0	140.1	142.8	145.2
-77.5°	82.6	87.0	91.4	95.6	99.7	102.8	105.6	108.5	111.3	113.7	115.8
-80°	61.3	64.5	67.9	71.3	74.7	76.4	77.7	79.0	80.1	81.5	82.9
-82.5°	37.5	39.3	41.2	43.1	45.0	45.5	45.6	45.6	45.3	44.8	44.0
-85°	16.7	16.8	16.7	16.5	16.2	15.6	14.7	13.8	12.7	12.6	12.4
-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: P645313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-735-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°	6.6	4.9	4.2	3.9	4.2	4.9	6.6	7.8	8.4	25.6	31.0
55°	161.1	169.3	175.5	178.3	175.5	169.3	161.1	147.0	127.2	119.4	121.8
52.5°	223.7	227.3	229.4	229.3	229.4	227.3	223.7	219.9	215.5	208.2	201.3
50°	249.4	251.2	251.8	251.4	251.8	251.2	249.4	246.7	245.1	241.8	229.6
47.5°	368.4	336.5	313.1	307.4	313.1	336.5	368.4	382.8	367.1	334.9	298.5
45°	524.7	536.8	548.9	552.6	548.9	536.8	524.7	519.2	507.7	493.8	479.3
42.5°	578.8	582.8	585.0	585.1	585.0	582.8	578.8	573.7	561.5	546.3	527.5
40°	604.6	608.3	610.5	610.7	610.5	608.3	604.6	599.5	590.4	577.0	559.9
37.5°	628.1	631.3	633.4	635.5	633.4	631.3	628.1	626.6	625.4	611.8	601.6
35°	734.1	710.1	675.5	680.8	675.5	710.1	734.1	736.9	716.4	678.2	696.5
32.5°	916.4	926.5	932.8	943.5	932.8	926.5	916.4	907.1	913.0	892.2	847.2
30°	1000.5	1003.8	1008.9	1014.2	1008.9	1003.8	1000.5	997.8	996.2	971.8	944.7
27.5°	1021.5	1024.9	1028.0	1030.3	1028.0	1024.9	1021.5	1019.5	1015.8	1000.5	977.4
25°	1032.5	1034.6	1037.8	1040.7	1037.8	1034.6	1032.5	1032.0	1029.0	1019.6	1001.1
22.5°	1037.9	1038.1	1040.7	1044.3	1040.7	1038.1	1037.9	1038.7	1037.2	1033.2	1013.0
20°	1041.6	1039.6	1042.2	1044.6	1042.2	1039.6	1041.6	1043.0	1042.6	1042.7	1025.9
17.5°	1089.3	1062.1	1051.0	1051.2	1051.0	1062.1	1089.3	1062.2	1081.4	1090.3	1085.8
15°	1243.1	1253.3	1292.4	1313.6	1292.4	1253.3	1243.1	1272.4	1246.3	1252.4	1229.2
12.5°	1342.4	1338.7	1334.1	1340.4	1334.1	1338.7	1342.4	1343.3	1348.5	1351.2	1344.2
10°	1347.0	1346.6	1338.2	1347.3	1338.2	1346.6	1347.0	1349.8	1356.3	1360.9	1352.9
7.5°	1344.1	1344.4	1340.9	1349.7	1340.9	1344.4	1344.1	1351.5	1356.0	1358.7	1350.5
5°	1346.0	1339.9	1342.2	1347.3	1342.2	1339.9	1346.0	1346.7	1351.1	1354.3	1349.5
2.5°	1340.8	1340.2	1335.7	1339.2	1335.7	1340.2	1340.8	1343.6	1346.2	1347.6	1347.6
0°	1336.8	1333.6	1333.6	1336.5	1333.6	1333.6	1336.8	1341.9	1346.4	1350.3	1351.7
-2.5°	1343.9	1343.2	1342.8	1340.7	1342.8	1343.2	1343.9	1346.2	1348.4	1350.3	1351.0
-5°	1349.7	1347.9	1343.0	1349.7	1343.0	1347.9	1349.7	1352.2	1355.9	1358.6	1357.8
-7.5°	1355.9	1351.4	1346.8	1357.1	1346.8	1351.4	1355.9	1357.9	1362.4	1365.9	1365.6
-10°	1361.6	1355.0	1350.6	1360.7	1350.6	1355.0	1361.6	1366.2	1370.0	1373.4	1374.0
-12.5°	1369.1	1361.5	1358.5	1364.0	1358.5	1361.5	1369.1	1374.4	1378.6	1381.1	1380.1
-15°	1377.2	1371.9	1371.2	1374.4	1371.2	1371.9	1377.2	1382.7	1386.0	1388.0	1384.4
-17.5°	1384.2	1380.5	1382.4	1386.0	1382.4	1380.5	1384.2	1388.7	1391.4	1392.3	1387.2
-20°	1387.6	1385.5	1387.6	1396.8	1387.6	1385.5	1387.6	1390.5	1392.3	1391.8	1384.5



REPORT NUMBER: P645313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-735-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°	1387.3	1387.4	1391.1	1394.1	1391.1	1387.4	1387.3	1388.8	1388.7	1386.5	1374.2
-25°	1382.0	1384.8	1389.0	1395.0	1389.0	1384.8	1382.0	1381.9	1380.1	1374.1	1361.7
-27.5°	1369.2	1373.9	1378.3	1384.6	1378.3	1373.9	1369.2	1367.5	1364.2	1356.0	1345.9
-30°	1350.8	1356.3	1360.2	1367.0	1360.2	1356.3	1350.8	1347.4	1342.3	1333.0	1317.7
-32.5°	1328.3	1334.5	1339.2	1344.0	1339.2	1334.5	1328.3	1323.2	1317.7	1307.0	1285.9
-35°	1300.2	1307.0	1311.9	1316.3	1311.9	1307.0	1300.2	1293.5	1286.7	1277.4	1253.4
-37.5°	1266.5	1273.8	1279.4	1284.4	1279.4	1273.8	1266.5	1258.4	1251.2	1242.2	1218.9
-40°	1227.2	1234.6	1240.6	1246.2	1240.6	1234.6	1227.2	1217.9	1209.8	1199.3	1179.1
-42.5°	1181.2	1188.7	1194.9	1200.6	1194.9	1188.7	1181.2	1171.4	1161.3	1148.7	1131.2
-45°	1128.2	1135.9	1142.4	1148.4	1142.4	1135.9	1128.2	1117.8	1105.0	1088.6	1067.8
-47.5°	1067.1	1075.3	1080.9	1083.7	1080.9	1075.3	1067.1	1056.1	1041.2	1022.0	999.2
-50°	997.0	1005.2	1011.9	1016.9	1011.9	1005.2	997.0	986.1	971.0	950.2	926.0
-52.5°	919.9	927.7	933.5	936.9	933.5	927.7	919.9	909.3	894.7	872.4	846.9
-55°	835.4	843.7	849.1	851.7	849.1	843.7	835.4	824.5	810.5	787.8	762.7
-57.5°	739.7	747.5	753.3	756.5	753.3	747.5	739.7	729.0	715.5	694.2	670.1
-60°	633.7	640.7	645.1	646.8	645.1	640.7	633.7	623.9	611.4	592.6	570.5
-62.5°	525.3	532.0	536.1	537.7	536.1	532.0	525.3	516.5	505.5	490.1	471.6
-65°	418.1	422.3	424.6	424.9	424.6	422.3	418.1	411.9	403.5	391.8	377.4
-67.5°	322.6	325.7	327.7	328.3	327.7	325.7	322.6	318.2	312.7	305.7	296.9
-70°	253.1	255.3	256.5	256.8	256.5	255.3	253.1	249.8	245.4	239.6	232.4
-72.5°	188.7	190.2	189.7	188.5	189.7	190.2	188.7	186.5	183.6	180.3	176.9
-75°	147.2	148.9	148.2	147.0	148.2	148.9	147.2	145.2	142.8	140.1	137.0
-77.5°	117.6	119.2	118.4	117.2	118.4	119.2	117.6	115.8	113.7	111.3	108.5
-80°	84.0	84.9	85.6	85.9	85.6	84.9	84.0	82.9	81.5	80.1	79.0
-82.5°	43.0	41.7	40.9	40.0	40.9	41.7	43.0	44.0	44.8	45.3	45.6
-85°	12.1	11.8	12.0	12.2	12.0	11.8	12.1	12.4	12.6	12.7	13.8
-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: P645313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-735-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	0.8	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	4.2	1.3	6.8	7.8
57.5°	19.8	16.4	34.3	34.2	14.4	19.4	25.9	17.1	11.2	19.1	25.3
55°	137.6	126.0	109.6	107.8	113.5	86.3	72.1	69.4	54.3	35.3	41.9
52.5°	194.0	182.4	171.2	160.7	152.2	143.0	129.6	115.0	110.3	88.8	68.5
50°	219.5	230.7	219.7	192.6	197.4	184.4	165.4	150.0	153.1	140.0	112.8
47.5°	297.7	311.4	311.7	295.6	277.6	272.1	244.3	195.9	199.1	198.6	169.8
45°	435.8	416.7	423.9	401.2	369.5	352.0	351.0	299.3	251.4	243.6	240.8
42.5°	511.5	497.4	482.7	465.9	437.8	409.9	392.7	363.5	325.0	290.9	278.8
40°	542.1	525.6	511.9	498.0	475.4	446.8	432.9	394.7	365.7	336.2	326.4
37.5°	579.1	547.9	560.0	533.6	512.6	505.7	494.9	455.1	390.9	385.5	380.6
35°	661.7	632.5	660.7	655.7	572.3	581.5	588.7	539.8	472.6	436.1	437.0
32.5°	850.2	782.8	762.2	787.4	743.6	670.8	671.8	657.0	565.2	512.2	489.0
30°	918.5	888.5	856.0	851.7	819.0	776.9	750.2	714.4	647.6	587.1	547.4
27.5°	947.9	920.7	893.4	872.3	853.5	824.9	790.0	747.9	700.4	646.2	607.6
25°	968.9	938.5	914.9	891.6	871.3	849.7	814.0	773.1	728.8	685.0	643.5
22.5°	985.8	957.4	932.1	907.0	890.5	867.3	835.3	793.0	763.3	735.4	681.5
20°	1004.2	976.9	948.4	949.6	925.2	886.4	855.7	834.6	830.5	799.3	729.6
17.5°	1084.4	1009.2	1023.2	1049.7	996.2	925.7	914.7	915.9	903.0	873.9	787.3
15°	1256.1	1147.5	1148.5	1166.8	1108.8	1022.2	1002.2	999.8	979.4	947.2	848.2
12.5°	1310.2	1273.9	1267.2	1240.1	1183.2	1118.5	1094.8	1082.0	1044.6	982.4	892.0
10°	1328.5	1307.5	1279.5	1252.2	1217.6	1191.6	1157.9	1111.3	1058.3	998.2	924.7
7.5°	1330.7	1308.9	1286.4	1260.3	1229.9	1199.4	1166.1	1119.8	1068.5	1009.6	947.7
5°	1329.4	1307.7	1286.8	1261.9	1231.1	1201.5	1171.3	1125.5	1075.4	1017.1	962.8
2.5°	1326.1	1304.1	1284.3	1261.7	1231.0	1202.5	1174.5	1131.6	1080.4	1023.2	967.9
0°	1330.9	1309.1	1290.3	1265.0	1237.2	1204.1	1176.1	1137.9	1082.8	1027.3	969.8
-2.5°	1332.9	1310.4	1293.2	1264.7	1241.6	1207.9	1179.5	1142.6	1087.3	1034.5	974.4
-5°	1343.6	1321.3	1298.8	1270.2	1246.0	1214.4	1182.5	1144.5	1090.6	1038.4	976.5
-7.5°	1350.7	1328.1	1301.9	1274.1	1249.8	1219.7	1184.3	1144.7	1093.8	1038.3	977.5
-10°	1355.1	1331.5	1305.6	1277.2	1252.1	1221.0	1183.7	1143.7	1093.1	1035.9	975.3
-12.5°	1361.4	1334.7	1308.1	1275.8	1250.6	1218.7	1181.4	1141.4	1088.5	1031.4	969.7
-15°	1363.7	1336.3	1305.2	1273.5	1246.0	1215.1	1176.5	1134.6	1080.3	1024.4	960.6
-17.5°	1364.7	1333.5	1300.3	1270.0	1240.4	1207.5	1166.8	1122.3	1069.8	1012.1	948.5
-20°	1363.9	1327.6	1293.5	1260.4	1229.4	1196.0	1154.0	1109.9	1054.8	996.1	932.9



REPORT NUMBER: P645313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-735-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°	1350.0	1317.1	1282.6	1246.7	1216.2	1180.8	1139.7	1094.1	1035.4	978.5	913.1
-25°	1334.7	1301.5	1265.8	1232.4	1199.9	1164.7	1122.5	1070.8	1015.0	955.9	889.1
-27.5°	1316.6	1281.6	1244.8	1210.9	1176.5	1141.9	1098.3	1046.1	992.4	927.8	862.9
-30°	1292.1	1256.1	1218.5	1179.7	1148.3	1113.0	1069.9	1019.2	961.5	897.7	836.0
-32.5°	1258.9	1225.0	1187.5	1150.6	1117.8	1080.8	1037.2	986.9	926.3	866.0	801.7
-35°	1225.2	1190.1	1154.2	1119.5	1085.0	1046.2	1001.7	947.0	889.1	829.4	762.7
-37.5°	1186.6	1150.1	1116.4	1083.4	1047.8	1008.0	958.9	906.1	849.7	783.9	720.5
-40°	1145.3	1110.1	1073.3	1040.6	1002.6	962.5	915.1	863.7	801.7	736.7	677.1
-42.5°	1096.1	1060.9	1023.0	986.7	949.8	911.7	868.9	813.2	751.7	690.4	628.5
-45°	1036.7	1001.5	964.3	926.9	892.4	855.3	815.5	756.1	695.4	637.0	577.6
-47.5°	970.0	935.9	900.0	862.8	830.0	792.8	744.2	689.0	635.3	579.7	518.9
-50°	897.5	865.0	831.8	797.3	760.4	718.5	671.8	623.7	570.5	513.5	457.9
-52.5°	818.2	788.4	757.1	724.0	685.9	644.3	600.6	549.5	496.4	448.0	397.5
-55°	735.5	706.1	675.2	642.1	606.6	565.4	520.1	473.6	430.3	385.5	346.9
-57.5°	643.9	616.1	586.6	555.4	522.6	484.3	444.6	405.1	370.8	336.0	301.0
-60°	546.2	520.2	495.1	467.4	437.1	404.1	375.1	346.1	317.0	289.2	261.0
-62.5°	451.4	429.7	407.1	384.6	361.6	337.8	313.8	291.4	268.4	244.9	224.1
-65°	361.8	345.3	327.5	311.9	295.6	278.4	259.2	241.5	224.8	207.6	189.9
-67.5°	286.7	274.9	262.3	250.1	238.9	226.9	213.4	199.1	185.9	173.1	160.1
-70°	224.9	217.1	208.9	199.9	191.0	182.0	172.1	161.6	151.0	141.4	132.2
-72.5°	172.6	167.2	161.0	154.5	147.7	141.6	134.8	127.7	120.5	113.2	106.3
-75°	133.5	129.6	125.4	120.6	114.8	107.9	102.8	99.3	94.9	89.6	83.9
-77.5°	105.6	102.8	99.7	95.6	91.4	87.0	82.6	78.3	74.1	70.1	66.5
-80°	77.7	76.4	74.7	71.3	67.9	64.5	61.3	58.6	56.2	53.5	50.1
-82.5°	45.6	45.5	45.0	43.1	41.2	39.3	37.5	35.6	33.7	31.6	29.5
-85°	14.7	15.6	16.2	16.5	16.7	16.8	16.7	16.2	15.6	15.0	14.3
-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: P645313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-735-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	8.4	5.9	2.0	2.9	4.5	4.1	1.4	1.1
57.5°	21.9	7.5	10.9	15.8	15.5	8.4	6.1	8.2	7.0	4.1	1.6
55°	46.7	39.3	26.0	23.8	25.7	20.7	13.5	13.2	10.9	7.5	2.6
52.5°	64.0	66.8	58.2	40.6	35.4	33.7	26.3	19.2	17.0	11.3	6.5
50°	92.7	86.3	85.5	71.7	49.6	44.9	38.9	30.0	23.9	16.1	11.0
47.5°	131.0	115.0	106.6	100.4	79.2	57.3	51.0	41.0	31.5	23.3	15.8
45°	187.2	148.7	132.4	122.4	108.5	80.5	63.8	51.7	41.1	31.2	20.7
42.5°	243.6	192.2	161.8	145.6	131.2	106.8	77.5	64.0	50.3	39.4	27.0
40°	293.4	237.2	192.7	171.9	153.5	132.2	99.7	77.2	59.5	47.7	34.1
37.5°	353.4	288.3	228.3	199.5	177.3	153.4	122.3	91.0	70.4	56.4	41.2
35°	411.4	354.5	268.1	232.8	203.7	175.1	144.0	107.3	83.9	65.3	48.4
32.5°	473.7	416.8	328.3	270.0	231.1	197.3	164.2	127.2	97.4	74.3	55.5
30°	522.8	457.8	381.1	307.3	260.9	222.1	184.5	146.2	111.0	83.4	62.7
27.5°	548.7	493.3	422.8	348.8	294.5	247.5	205.4	164.4	124.6	93.4	70.1
25°	575.6	518.3	452.5	385.1	327.6	274.5	226.2	181.7	139.4	104.7	77.5
22.5°	607.8	539.5	477.6	413.8	361.7	301.7	248.0	199.2	154.2	115.7	84.8
20°	640.1	559.2	502.4	453.0	395.3	331.3	270.8	216.4	168.1	126.5	91.9
17.5°	674.0	595.1	544.5	491.1	428.6	359.9	293.2	233.0	181.2	136.9	98.9
15°	733.0	648.7	586.9	528.3	461.9	387.4	315.1	248.9	193.4	146.9	105.3
12.5°	786.6	698.6	629.3	564.2	494.6	413.6	336.3	264.1	204.8	154.9	111.0
10°	830.9	744.9	671.2	598.7	526.3	438.4	356.4	276.4	211.6	160.8	116.3
7.5°	867.2	787.7	712.1	631.5	553.5	454.6	366.5	283.6	216.8	165.9	121.1
5°	893.4	816.3	733.8	643.0	562.1	461.2	373.5	289.5	221.0	170.1	125.5
2.5°	900.9	825.0	741.9	649.2	567.8	465.5	378.4	293.9	224.3	173.5	129.3
0°	905.3	830.8	747.0	653.1	570.8	467.6	381.4	297.0	226.6	176.2	132.7
-2.5°	911.4	835.8	751.9	663.0	572.7	473.8	383.1	299.0	229.5	177.2	134.7
-5°	914.5	837.7	754.3	669.6	572.2	477.6	382.9	299.6	231.4	177.5	136.1
-7.5°	913.2	837.1	754.4	671.7	569.6	478.4	380.8	299.0	232.2	177.3	137.0
-10°	909.1	833.7	751.5	666.3	567.2	475.0	377.0	297.0	231.7	176.5	137.3
-12.5°	902.8	827.3	745.6	658.6	562.3	468.0	372.7	293.8	229.9	175.3	137.1
-15°	894.7	818.1	736.7	648.7	554.1	458.8	366.1	289.1	226.2	173.9	136.3
-17.5°	884.3	806.1	724.6	637.0	542.6	447.3	357.3	282.9	221.7	172.2	134.6
-20°	865.7	789.9	709.3	623.7	527.6	433.7	346.2	275.3	216.3	169.8	132.3



REPORT NUMBER: P645313 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-735-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°	844.8	769.9	690.2	605.7	509.6	418.0	332.8	266.3	210.0	166.7	129.4
-25°	822.4	747.3	668.0	580.9	489.8	401.5	319.4	255.9	203.0	162.8	126.2
-27.5°	796.2	721.8	642.9	553.6	466.7	382.3	306.5	246.6	196.1	158.2	122.5
-30°	766.8	691.8	611.4	524.4	441.4	360.1	292.0	236.7	190.4	153.1	118.3
-32.5°	733.0	658.8	576.6	494.5	414.7	336.5	276.1	226.2	183.7	147.8	114.5
-35°	694.6	620.3	539.7	462.5	386.4	317.5	260.4	215.0	176.1	142.0	110.5
-37.5°	654.6	579.0	502.8	429.0	356.3	296.9	246.4	203.9	167.7	135.8	106.0
-40°	608.9	536.6	464.1	394.5	330.3	274.8	231.2	193.0	159.7	129.2	101.1
-42.5°	561.9	492.0	423.6	357.9	304.6	256.8	215.3	181.2	151.3	122.8	95.8
-45°	511.1	445.0	380.7	327.2	278.4	237.7	201.4	169.0	142.3	116.3	90.4
-47.5°	457.6	395.4	341.6	295.2	256.2	218.5	186.6	158.5	132.9	109.3	84.9
-50°	400.9	349.3	305.7	267.3	232.2	201.3	171.8	147.4	124.2	101.6	79.2
-52.5°	350.7	309.3	273.2	240.4	211.1	183.1	159.1	136.1	115.3	94.2	73.2
-55°	307.6	273.7	243.3	215.9	190.1	167.6	145.9	126.0	106.2	86.8	67.1
-57.5°	270.4	240.8	216.4	192.7	171.4	152.1	133.9	115.8	97.4	79.1	62.3
-60°	234.7	212.6	190.9	171.8	153.8	137.5	122.6	105.5	88.5	71.5	56.9
-62.5°	203.9	185.0	168.6	151.9	137.0	123.7	111.1	95.5	79.4	64.3	51.1
-65°	175.0	160.4	146.5	133.2	120.8	109.5	99.4	85.2	70.3	56.8	45.1
-67.5°	147.5	136.5	125.6	114.5	104.7	95.6	86.9	74.0	60.7	48.9	39.1
-70°	122.9	113.6	105.0	96.8	88.8	81.2	73.1	62.2	50.8	41.8	33.0
-72.5°	99.8	93.0	85.8	79.0	73.2	66.5	59.0	50.5	42.5	34.6	26.8
-75°	78.3	73.9	68.8	63.5	58.0	52.0	47.0	41.1	34.1	27.2	21.6
-77.5°	62.7	58.3	53.3	49.0	45.3	41.2	36.7	31.6	26.0	21.2	16.7
-80°	46.3	42.9	40.1	37.6	34.2	30.4	26.7	22.9	18.9	15.2	11.7
-82.5°	28.2	27.5	26.7	25.5	22.7	19.9	17.2	14.5	11.7	9.1	7.5
-85°	14.1	13.8	13.4	12.8	11.0	9.3	8.6	7.8	6.8	5.9	5.0
-87.5°	4.7	5.0	5.3	5.4	5.1	4.7	4.3	3.9	3.4	3.0	2.5
-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: P645313 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1B-735-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°	2.0	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°	6.3	3.7	1.8	0.9	0.8	0.5	0.0
47.5°	8.5	5.4	2.1	0.9	0.8	0.5	0.0
45°	12.8	7.1	2.4	1.2	0.8	0.6	0.0
42.5°	17.2	9.0	2.7	1.4	0.9	0.6	0.0
40°	21.7	11.0	3.6	1.7	0.9	0.6	0.0
37.5°	26.2	13.1	5.2	2.0	1.0	0.6	0.0
35°	30.9	16.2	6.8	2.4	1.0	0.7	0.0
32.5°	36.0	19.9	8.4	2.9	1.0	0.7	0.0
30°	41.7	23.6	10.0	3.3	1.1	0.7	0.0
27.5°	47.4	27.2	12.0	3.8	1.1	0.7	0.0
25°	52.9	30.7	14.0	4.4	1.2	0.8	0.0
22.5°	58.3	34.3	16.0	4.9	1.2	0.8	0.0
20°	63.5	38.2	18.0	5.5	1.2	0.8	0.0
17.5°	68.6	41.9	20.0	6.1	1.3	0.8	0.0
15°	73.6	45.6	22.0	6.6	1.3	0.8	0.0
12.5°	78.2	49.0	23.8	7.2	1.3	0.8	0.0
10°	82.4	52.2	25.6	7.8	1.4	0.9	0.0
7.5°	86.4	55.3	27.3	8.3	1.4	0.9	0.0
5°	90.0	58.1	28.9	8.9	1.4	0.9	0.0
2.5°	93.2	60.6	30.3	9.3	1.5	0.9	0.0
0°	96.0	62.9	31.6	9.8	1.5	0.9	0.0
-2.5°	97.4	64.3	32.8	10.4	1.7	1.0	0.0
-5°	98.4	65.5	33.8	11.0	2.0	1.0	0.0
-7.5°	99.1	66.3	34.7	11.6	2.2	1.0	0.0
-10°	99.4	66.8	35.3	12.0	2.4	1.1	0.0
-12.5°	99.3	67.0	35.7	12.4	2.6	1.1	0.0
-15°	98.9	66.9	35.9	12.7	2.8	1.2	0.0
-17.5°	98.2	66.5	35.9	13.0	3.0	1.2	0.0
-20°	97.1	65.8	35.6	13.1	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°	95.5	64.8	35.1	13.1	3.3	1.3	0.0
-25°	93.5	63.2	34.4	13.1	3.4	1.3	0.0
-27.5°	91.1	61.3	33.4	12.9	3.5	1.3	0.0
-30°	88.3	59.1	32.1	12.7	3.6	1.3	0.0
-32.5°	85.2	56.6	30.7	12.3	3.7	1.3	0.0
-35°	81.9	53.9	29.1	11.8	3.8	1.3	0.0
-37.5°	78.2	51.2	27.3	11.2	3.8	1.3	0.0
-40°	74.3	48.7	25.3	10.5	3.8	1.3	0.0
-42.5°	70.2	46.0	23.8	9.8	3.8	1.3	0.0
-45°	65.7	43.2	22.8	9.0	3.7	1.2	0.0
-47.5°	61.1	40.2	21.7	8.2	3.7	1.2	0.0
-50°	57.1	37.0	20.3	7.9	3.6	1.2	0.0
-52.5°	53.2	33.7	18.8	7.7	3.5	1.1	0.0
-55°	49.1	31.2	17.0	7.5	3.3	1.1	0.0
-57.5°	44.9	28.7	15.2	7.1	3.2	1.0	0.0
-60°	40.6	25.9	13.2	6.7	3.0	1.0	0.0
-62.5°	36.7	23.0	12.3	6.3	2.8	0.9	0.0
-65°	32.5	19.8	11.2	5.7	2.6	0.8	0.0
-67.5°	28.1	17.1	10.0	5.1	2.4	0.8	0.0
-70°	23.4	15.0	8.7	4.4	2.2	0.7	0.0
-72.5°	19.8	12.7	7.3	3.9	1.9	0.6	0.0
-75°	16.2	10.2	5.8	3.4	1.7	0.5	0.0
-77.5°	12.4	7.7	4.8	2.9	1.4	0.4	0.0
-80°	8.5	5.9	3.9	2.3	1.1	0.4	0.0
-82.5°	6.2	4.4	2.9	1.7	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)