

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: P645325 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA1C-735-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645325 (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-SA1C-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
Luminaire Lumens: 4063.7 lumens
Efficiency: N/A
Efficacy: 93.4 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 7H x 7V
Max Intensity: 1733.1 candela
Max Intensity Angle: 0°H x -20°V

Beam Angle (50%): 105.6°H x 93.7°V
Beam Lumens: 3176.8 lumens
Beam Efficiency: 78.2%

Field Angle (10%): 144°H x 131.2°V
Field Lumens: 3983 lumens
Field Efficiency: 98.0%

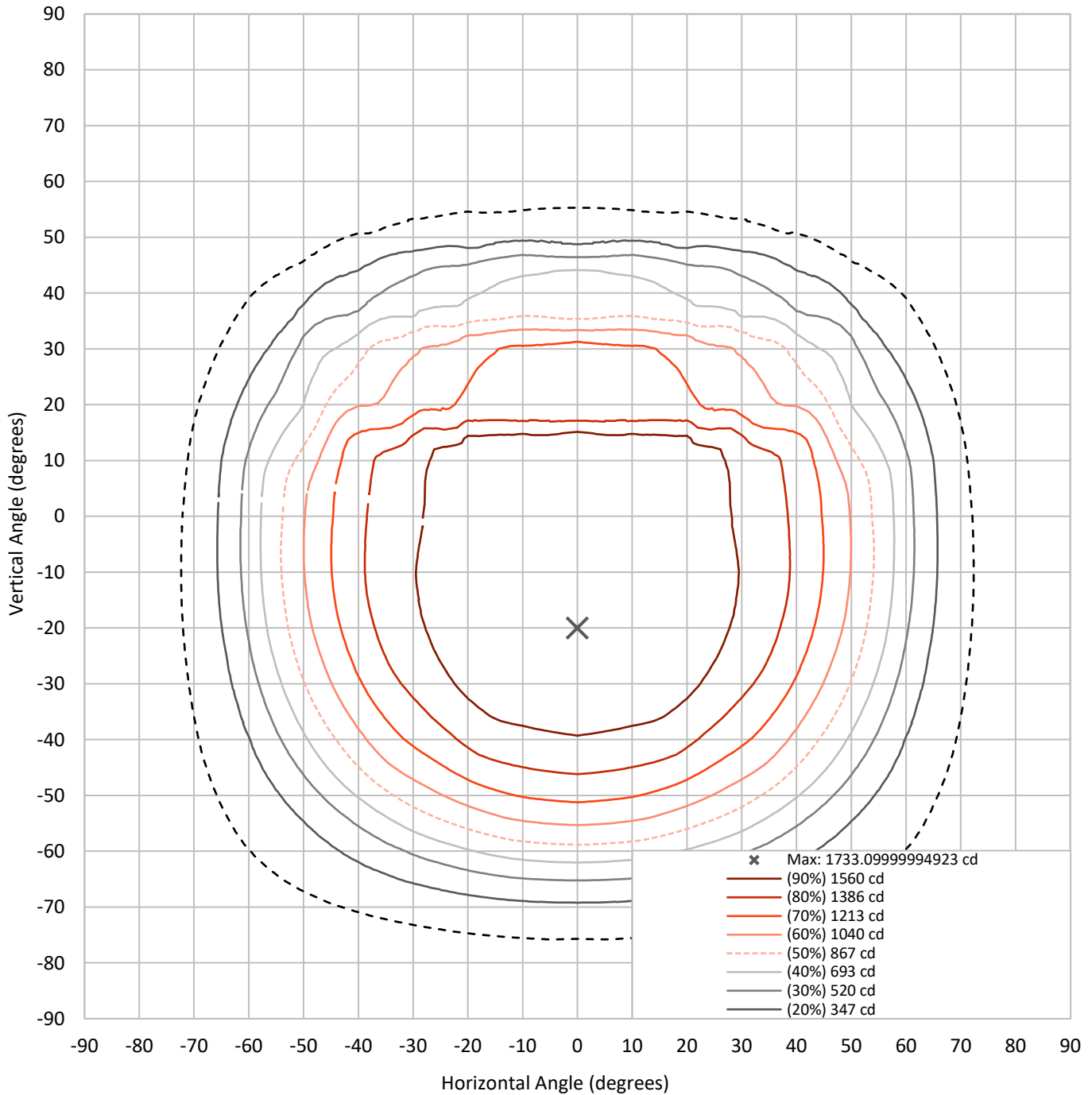
Input Watts (W): 43.5
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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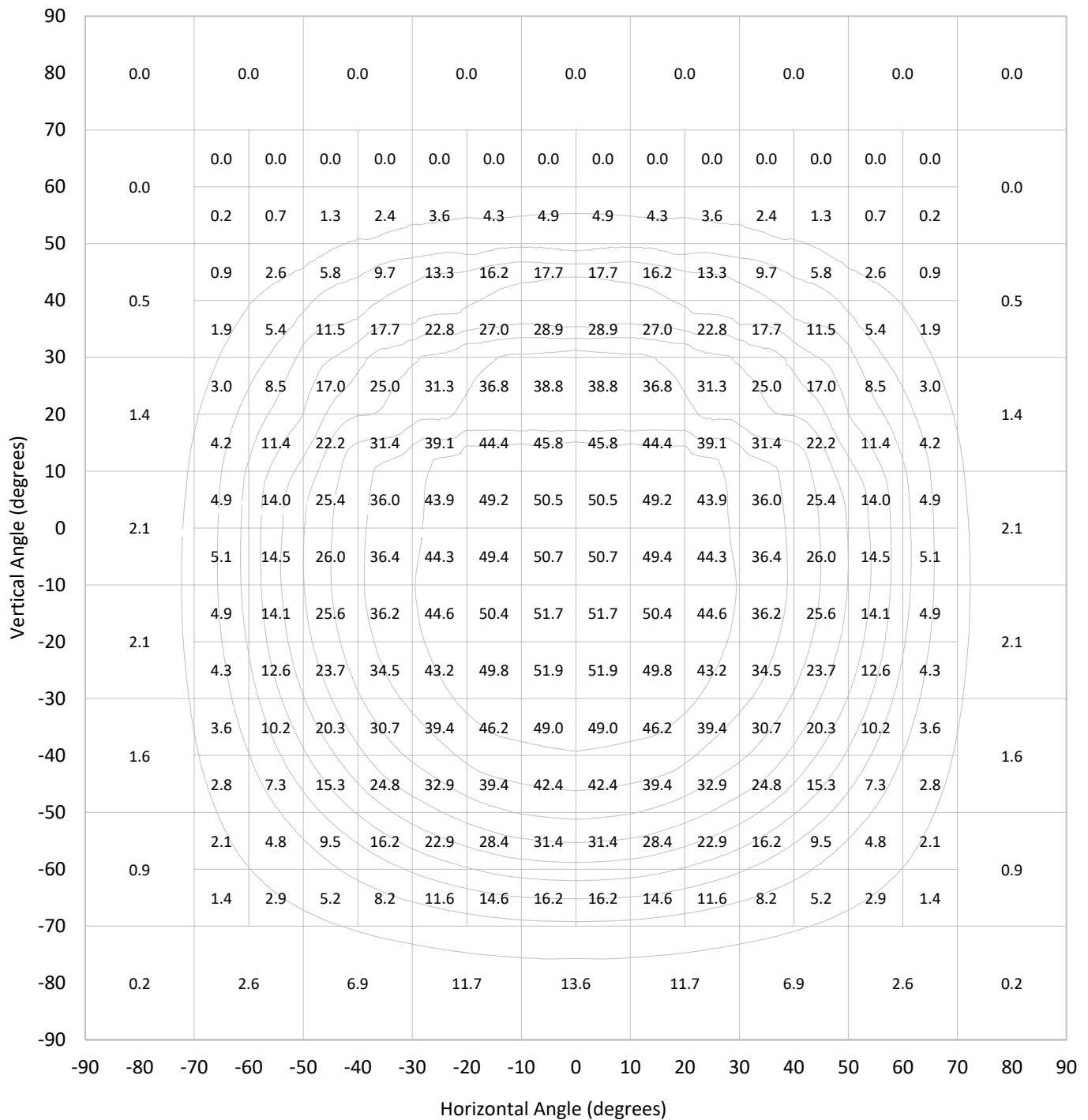
Iso-Candela Plot





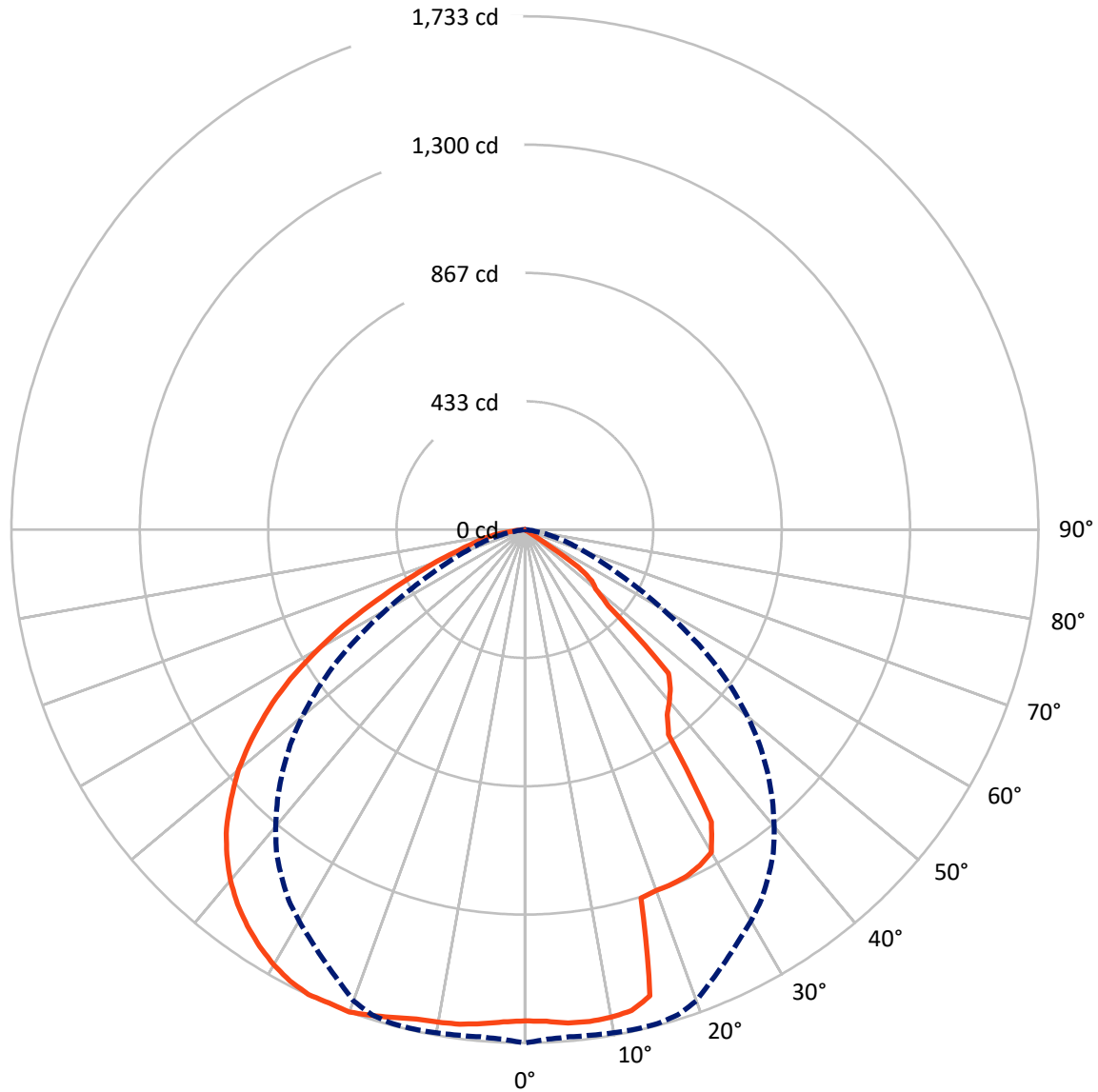
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Lumen Table



REPORT NUMBER: P645325 (CONVERTED FROM TYPE C PHOTOMETRY)
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Luminous Intensity Polar Plot

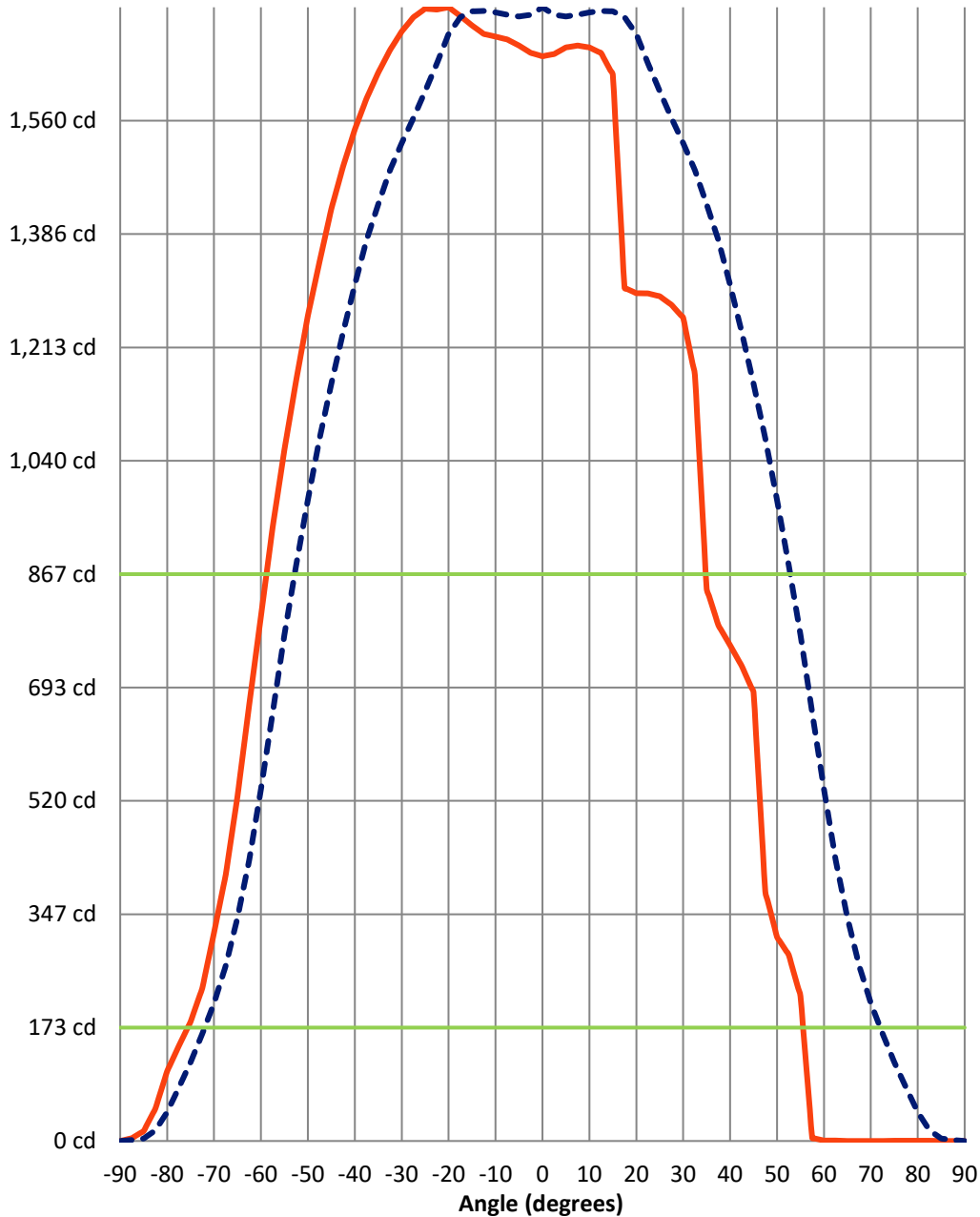


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through -20-Deg



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Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 3176.8
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 3983
 Efficiency: 98.0%

Spill:
 Lumens: 80.7
 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	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.4	0.4	0.3
82.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.6	0.5	0.4
80°	0.0	0.2	0.2	0.4	0.5	0.6	0.7	0.6	0.6	0.5	0.4
77.5°	0.0	0.2	0.3	0.5	0.6	0.7	0.7	0.6	0.6	0.5	0.4
75°	0.0	0.2	0.4	0.5	0.7	0.7	0.7	0.6	0.6	0.5	0.4
72.5°	0.0	0.3	0.4	0.6	0.7	0.8	0.7	0.6	0.6	0.5	0.4
70°	0.0	0.3	0.5	0.7	0.8	0.8	0.7	0.7	0.6	0.5	0.6
67.5°	0.0	0.4	0.6	0.7	0.8	0.8	0.8	0.7	0.6	0.8	0.8
65°	0.0	0.4	0.6	0.8	0.9	1.0	1.0	0.7	1.0	1.1	1.4
62.5°	0.0	0.4	0.7	0.8	0.9	1.2	1.1	1.0	1.3	2.0	3.2
60°	0.0	0.5	0.8	0.9	1.0	1.5	1.3	1.4	1.8	5.1	5.6
57.5°	0.0	0.5	0.8	0.9	1.2	1.8	2.5	1.9	5.0	8.7	10.1
55°	0.0	0.5	0.8	1.0	1.6	2.1	4.0	3.2	9.3	13.5	16.4
52.5°	0.0	0.6	0.9	1.0	1.9	2.7	5.8	8.1	14.0	21.1	23.8
50°	0.0	0.6	0.9	1.0	2.2	4.6	7.8	13.7	20.1	29.7	37.2
47.5°	0.0	0.6	1.0	1.1	2.6	6.6	10.5	19.6	28.9	39.1	50.9
45°	0.0	0.7	1.0	1.4	3.0	8.8	15.8	25.7	38.8	50.9	64.1
42.5°	0.0	0.7	1.1	1.7	3.3	11.2	21.3	33.5	48.8	62.5	79.4
40°	0.0	0.7	1.1	2.1	4.5	13.6	26.9	42.3	59.2	73.8	95.8
37.5°	0.0	0.8	1.2	2.5	6.4	16.2	32.6	51.2	70.0	87.4	113.0
35°	0.0	0.8	1.2	3.0	8.4	20.1	38.4	60.0	81.1	104.1	133.2
32.5°	0.0	0.8	1.3	3.6	10.4	24.7	44.7	68.9	92.2	120.9	157.8
30°	0.0	0.9	1.3	4.2	12.4	29.2	51.8	77.8	103.5	137.7	181.4
27.5°	0.0	0.9	1.3	4.8	14.8	33.7	58.9	87.0	115.9	154.6	204.0
25°	0.0	0.9	1.4	5.4	17.4	38.1	65.7	96.2	129.9	172.9	225.5
22.5°	0.0	0.9	1.4	6.1	19.9	42.6	72.4	105.2	143.6	191.3	247.2
20°	0.0	1.0	1.5	6.8	22.4	47.4	78.8	114.1	156.9	208.6	268.5
17.5°	0.0	1.0	1.5	7.5	24.8	52.1	85.2	122.7	169.9	224.9	289.0
15°	0.0	1.0	1.6	8.3	27.2	56.6	91.3	130.6	182.3	240.0	308.8
12.5°	0.0	1.0	1.6	9.0	29.6	60.8	97.0	137.8	192.2	254.1	327.6
10°	0.0	1.0	1.7	9.7	31.8	64.9	102.3	144.3	199.6	262.5	342.9
7.5°	0.0	1.1	1.7	10.4	33.9	68.6	107.2	150.3	205.9	269.0	351.8
5°	0.0	1.1	1.7	11.0	35.8	72.1	111.6	155.7	211.1	274.3	359.1
2.5°	0.0	1.1	1.8	11.6	37.6	75.3	115.6	160.4	215.4	278.3	364.7
0°	0.0	1.1	1.8	12.2	39.2	78.1	119.1	164.6	218.7	281.2	368.5
-2.5°	0.0	1.2	2.1	13.0	40.7	79.9	120.8	167.0	219.9	284.8	371.0
-5°	0.0	1.2	2.4	13.7	42.0	81.3	122.1	168.8	220.3	287.2	371.8
-7.5°	0.0	1.3	2.7	14.4	43.0	82.3	122.9	169.9	220.0	288.1	370.9
-10°	0.0	1.3	2.9	15.0	43.8	82.9	123.3	170.3	219.0	287.5	368.6
-12.5°	0.0	1.4	3.2	15.4	44.3	83.2	123.2	170.1	217.5	285.2	364.5
-15°	0.0	1.4	3.4	15.8	44.5	83.0	122.8	169.1	215.8	280.7	358.7
-17.5°	0.0	1.5	3.7	16.1	44.5	82.5	121.9	167.0	213.7	275.0	351.0
-20°	0.0	1.5	3.9	16.3	44.2	81.7	120.5	164.1	210.7	268.3	341.6

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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	1.5	4.0	16.3	43.6	80.4	118.5	160.6	206.8	260.5	330.4
-25°	0.0	1.6	4.2	16.2	42.6	78.5	116.0	156.6	202.0	251.8	317.5
-27.5°	0.0	1.6	4.4	16.0	41.4	76.1	113.0	152.0	196.3	243.3	306.0
-30°	0.0	1.6	4.5	15.7	39.9	73.3	109.6	146.8	190.0	236.2	293.7
-32.5°	0.0	1.6	4.6	15.2	38.1	70.2	105.8	142.1	183.4	227.9	280.6
-35°	0.0	1.6	4.6	14.6	36.0	66.9	101.6	137.1	176.2	218.6	266.8
-37.5°	0.0	1.6	4.7	13.9	33.8	63.5	97.1	131.5	168.5	208.1	253.0
-40°	0.0	1.6	4.7	13.0	31.4	60.4	92.2	125.5	160.3	198.2	239.5
-42.5°	0.0	1.6	4.6	12.1	29.6	57.1	87.1	118.9	152.4	187.8	224.9
-45°	0.0	1.5	4.6	11.2	28.3	53.6	81.6	112.1	144.3	176.6	209.8
-47.5°	0.0	1.5	4.5	10.1	26.8	49.9	75.8	105.3	135.6	164.9	196.7
-50°	0.0	1.4	4.4	9.7	25.1	45.9	70.9	98.2	126.0	154.2	183.0
-52.5°	0.0	1.4	4.3	9.5	23.2	41.8	66.0	90.8	116.9	143.1	168.9
-55°	0.0	1.3	4.1	9.2	21.1	38.7	61.0	83.3	107.7	131.7	156.4
-57.5°	0.0	1.3	3.9	8.8	18.8	35.6	55.7	77.3	98.2	120.8	143.7
-60°	0.0	1.2	3.7	8.3	16.3	32.2	50.4	70.6	88.7	109.8	130.9
-62.5°	0.0	1.1	3.5	7.8	15.2	28.4	45.5	63.4	79.8	98.5	118.4
-65°	0.0	1.0	3.2	7.1	13.9	24.5	40.3	55.9	70.5	87.2	105.6
-67.5°	0.0	1.0	3.0	6.3	12.4	21.2	34.8	48.5	60.7	75.4	91.9
-70°	0.0	0.9	2.7	5.5	10.8	18.5	29.0	41.0	51.9	63.0	77.2
-72.5°	0.0	0.8	2.4	4.8	9.0	15.7	24.5	33.2	42.9	52.7	62.7
-75°	0.0	0.7	2.1	4.2	7.2	12.7	20.0	26.8	33.8	42.3	51.0
-77.5°	0.0	0.6	1.7	3.5	6.0	9.5	15.3	20.7	26.3	32.3	39.2
-80°	0.0	0.4	1.4	2.9	4.8	7.3	10.5	14.5	18.8	23.5	28.5
-82.5°	0.0	0.3	1.1	2.2	3.6	5.5	7.7	9.3	11.3	14.5	18.1
-85°	0.0	0.2	0.7	1.4	2.4	3.7	5.2	6.2	7.3	8.5	9.7
-87.5°	0.0	0.1	0.4	0.7	1.2	1.8	2.6	3.1	3.7	4.3	4.9
-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: P645325 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-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°	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
85°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
82.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
80°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
77.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
72.5°	0.4	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
70°	0.6	0.6	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
67.5°	0.7	0.6	0.5	0.5	0.5	0.6	0.5	0.5	0.4	0.4	0.4
65°	0.7	0.6	0.9	1.0	0.7	0.6	0.6	0.5	0.5	0.5	0.5
62.5°	1.1	1.4	1.7	3.1	2.3	0.7	1.2	1.4	1.0	0.9	0.9
60°	3.6	2.4	7.3	10.4	6.5	2.3	2.9	9.6	8.4	1.6	5.2
57.5°	7.6	10.4	19.2	19.5	13.5	9.3	27.1	31.3	23.7	13.9	21.2
55°	16.7	25.7	31.8	29.4	32.2	48.7	57.9	52.0	43.8	67.4	86.1
52.5°	32.7	41.8	43.9	50.4	72.1	82.9	79.4	85.0	110.2	136.8	142.7
50°	48.2	55.7	61.6	89.0	106.0	107.1	115.0	140.0	173.7	190.0	186.1
47.5°	63.3	71.0	98.2	124.6	132.2	142.7	162.5	210.7	246.4	247.1	243.1
45°	79.2	99.9	134.6	151.8	164.2	184.5	232.2	298.8	302.2	311.9	371.4
42.5°	96.2	132.5	162.8	180.7	200.7	238.5	302.3	345.9	360.9	403.3	451.1
40°	123.8	164.0	190.4	213.3	239.1	294.3	364.1	405.0	417.2	453.8	489.7
37.5°	151.7	190.3	219.9	247.6	283.3	357.8	438.5	472.2	478.4	485.0	564.7
35°	178.7	217.3	252.8	288.9	332.7	439.9	510.5	542.2	541.2	586.4	669.8
32.5°	203.8	244.8	286.8	335.1	407.4	517.2	587.8	606.7	635.5	701.3	815.2
30°	229.0	275.6	323.8	381.3	472.9	568.1	648.6	679.1	728.5	803.6	886.4
27.5°	254.8	307.2	365.4	432.8	524.6	612.1	680.9	753.8	801.8	869.1	928.0
25°	280.6	340.6	406.5	477.8	561.5	643.1	714.2	798.5	850.0	904.2	959.2
22.5°	307.7	374.4	448.8	513.5	592.7	669.4	754.1	845.5	912.5	947.0	983.9
20°	335.9	411.1	490.4	562.0	623.4	693.9	794.2	905.2	991.7	1030.5	1035.5
17.5°	363.8	446.5	531.9	609.4	675.6	738.3	836.2	976.8	1084.3	1120.4	1136.4
15°	391.0	480.7	573.1	655.5	728.1	804.8	909.4	1052.4	1175.3	1215.2	1240.4
12.5°	417.2	513.2	613.7	700.1	780.8	866.8	975.9	1106.8	1218.9	1296.1	1342.5
10°	442.2	543.9	653.0	742.8	832.8	924.2	1030.9	1147.3	1238.6	1313.1	1378.8
7.5°	454.8	564.0	686.8	783.5	883.5	977.3	1075.9	1175.8	1252.7	1325.8	1389.4
5°	463.4	572.3	697.4	797.7	910.4	1012.7	1108.4	1194.6	1262.0	1334.4	1396.5
2.5°	469.5	577.6	704.6	805.5	920.5	1023.6	1117.8	1200.8	1269.6	1340.5	1404.1
0°	473.2	580.2	708.2	810.3	926.8	1030.8	1123.3	1203.2	1274.6	1343.5	1411.9
-2.5°	475.3	588.0	710.6	822.6	932.9	1037.0	1130.9	1208.9	1283.6	1349.1	1417.7
-5°	475.0	592.6	710.0	830.9	935.9	1039.4	1134.7	1211.5	1288.4	1353.3	1420.1
-7.5°	472.5	593.6	706.7	833.5	936.0	1038.6	1133.1	1212.7	1288.4	1357.1	1420.2
-10°	467.9	589.4	703.8	826.8	932.5	1034.4	1128.0	1210.0	1285.3	1356.3	1419.0
-12.5°	462.4	580.8	697.6	817.1	925.1	1026.5	1120.2	1203.1	1279.7	1350.5	1416.2
-15°	454.3	569.3	687.5	804.9	914.0	1015.1	1110.1	1191.8	1271.0	1340.4	1407.8
-17.5°	443.4	555.0	673.2	790.4	899.1	1000.1	1097.2	1176.9	1255.7	1327.4	1392.5
-20°	429.6	538.1	654.7	773.9	880.1	980.0	1074.1	1157.6	1235.9	1308.8	1377.2

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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°	412.9	518.7	632.4	751.6	856.4	955.2	1048.1	1133.0	1214.1	1284.6	1357.5
-25°	396.2	498.2	607.7	720.8	828.9	927.3	1020.4	1103.1	1186.0	1259.4	1328.6
-27.5°	380.2	474.3	579.1	686.9	797.7	895.7	987.9	1070.6	1151.2	1231.4	1298.0
-30°	362.3	446.8	547.7	650.7	758.7	858.4	951.4	1037.2	1113.9	1193.0	1264.6
-32.5°	342.5	417.6	514.6	613.6	715.5	817.4	909.6	994.8	1074.5	1149.4	1224.5
-35°	323.1	394.0	479.5	573.8	669.7	769.7	861.9	946.3	1029.0	1103.2	1175.0
-37.5°	305.7	368.4	442.1	532.3	623.9	718.5	812.3	894.0	972.7	1054.3	1124.2
-40°	286.9	340.9	409.8	489.5	575.8	665.8	755.6	840.1	914.1	994.7	1071.7
-42.5°	267.2	318.6	377.9	444.2	525.7	610.5	697.2	779.9	856.7	932.8	1009.0
-45°	249.9	294.9	345.4	406.0	472.4	552.1	634.2	716.6	790.4	862.9	938.2
-47.5°	231.5	271.2	317.9	366.2	423.9	490.6	567.8	643.8	719.3	788.2	854.9
-50°	213.2	249.8	288.1	331.7	379.3	433.4	497.5	568.1	637.1	707.8	773.9
-52.5°	197.5	227.2	261.9	298.3	339.0	383.8	435.1	493.2	555.9	615.9	681.8
-55°	181.1	207.9	235.9	267.9	301.8	339.6	381.7	430.5	478.4	533.9	587.6
-57.5°	166.2	188.8	212.7	239.1	268.5	298.8	335.6	373.6	417.0	460.1	502.7
-60°	152.1	170.6	190.8	213.2	236.9	263.8	291.2	323.8	358.8	393.3	429.4
-62.5°	137.9	153.5	170.0	188.5	209.2	229.5	252.9	278.0	303.8	333.0	361.5
-65°	123.3	135.9	149.9	165.3	181.7	199.1	217.1	235.7	257.5	279.0	299.7
-67.5°	107.8	118.6	129.9	142.1	155.9	169.4	183.0	198.7	214.8	230.7	247.1
-70°	90.6	100.8	110.2	120.1	130.3	141.0	152.6	164.1	175.4	187.3	200.5
-72.5°	73.2	82.5	90.8	98.0	106.5	115.4	123.8	131.9	140.5	149.5	158.4
-75°	58.4	64.6	72.0	78.7	85.4	91.6	97.2	104.1	111.3	117.8	123.2
-77.5°	45.5	51.2	56.3	60.8	66.1	72.4	77.8	82.5	87.0	92.0	97.3
-80°	33.1	37.8	42.4	46.6	49.7	53.2	57.4	62.2	66.3	69.7	72.8
-82.5°	21.4	24.8	28.2	31.7	33.1	34.1	35.0	36.7	39.2	41.8	44.2
-85°	10.7	11.6	13.7	15.9	16.6	17.1	17.5	17.7	18.6	19.4	20.1
-87.5°	5.3	5.8	6.3	6.8	6.5	6.2	5.7	5.2	5.1	4.9	4.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645325 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	0.3	0.3	0.3	0.4	0.4	0.3	0.2	0.1	0.0	0.0	0.0
85°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.2
82.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
80°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
77.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
72.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
70°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
67.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3
65°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.3	0.2
62.5°	0.9	1.0	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6
60°	5.8	3.4	2.0	2.3	2.1	1.4	1.8	2.1	2.1	1.9	1.7
57.5°	32.2	24.0	17.8	42.5	42.6	20.3	24.5	38.5	31.7	10.4	9.7
55°	89.5	107.0	140.9	133.8	136.0	156.4	170.7	151.2	148.2	157.9	182.4
52.5°	160.8	177.5	188.8	199.5	212.4	226.4	240.7	249.9	258.4	267.5	272.9
50°	205.3	228.8	245.0	239.1	272.6	286.3	272.4	284.8	300.0	304.2	306.1
47.5°	303.1	337.7	344.5	366.8	386.8	386.3	369.4	370.4	415.6	455.4	475.0
45°	435.6	436.7	458.5	497.8	525.9	517.0	540.7	594.6	612.6	629.9	644.2
42.5°	487.1	508.5	543.2	578.0	598.9	617.1	634.7	654.5	677.8	696.7	711.8
40°	537.1	554.4	589.9	617.9	635.2	652.2	672.7	694.6	715.9	732.5	743.9
37.5°	614.1	627.4	636.1	662.1	694.9	679.7	718.5	746.4	759.1	776.0	777.5
35°	730.4	721.5	710.0	813.5	819.7	784.7	821.0	864.2	841.5	888.8	914.3
32.5°	833.6	832.3	922.6	977.0	945.7	971.2	1054.9	1051.2	1107.0	1132.8	1125.5
30°	930.8	964.0	1016.2	1056.7	1062.2	1102.4	1139.6	1172.1	1205.8	1236.0	1238.1
27.5°	980.2	1023.5	1058.9	1082.4	1108.5	1142.4	1176.1	1212.8	1241.4	1260.4	1265.0
25°	1010.0	1054.2	1081.0	1106.3	1135.2	1164.5	1202.2	1242.1	1265.1	1276.8	1280.5
22.5°	1036.3	1076.1	1104.9	1125.4	1156.5	1187.9	1223.1	1256.9	1281.9	1287.0	1288.9
20°	1061.7	1099.9	1148.0	1178.1	1176.7	1212.1	1246.1	1272.9	1293.8	1293.6	1294.1
17.5°	1135.0	1148.6	1236.0	1302.4	1269.5	1252.2	1345.5	1347.2	1352.8	1341.8	1317.9
15°	1243.5	1268.2	1375.7	1447.6	1425.0	1423.8	1558.5	1525.2	1553.9	1546.4	1578.8
12.5°	1358.4	1387.7	1468.0	1538.7	1572.4	1580.6	1625.7	1667.9	1676.5	1673.1	1666.7
10°	1436.7	1478.5	1510.7	1553.6	1587.6	1622.3	1648.4	1678.6	1688.6	1682.8	1674.7
7.5°	1446.8	1488.2	1526.1	1563.7	1596.0	1624.0	1651.0	1675.7	1685.8	1682.4	1676.9
5°	1453.3	1490.8	1527.5	1565.7	1596.6	1622.5	1649.5	1674.5	1680.4	1676.4	1671.0
2.5°	1457.3	1492.0	1527.4	1565.4	1593.5	1618.1	1645.4	1672.1	1672.0	1670.3	1667.1
0°	1459.3	1494.1	1535.1	1569.5	1601.0	1624.3	1651.3	1677.2	1675.4	1670.5	1665.0
-2.5°	1463.4	1498.7	1540.6	1569.1	1604.5	1625.9	1653.8	1676.3	1675.4	1673.0	1670.2
-5°	1467.1	1506.8	1546.0	1576.0	1611.5	1639.4	1667.2	1684.7	1685.6	1682.4	1677.8
-7.5°	1469.4	1513.3	1550.7	1580.8	1615.3	1647.8	1675.9	1694.3	1694.7	1690.4	1684.8
-10°	1468.6	1515.0	1553.5	1584.6	1619.9	1652.0	1681.5	1704.8	1704.0	1699.9	1695.1
-12.5°	1465.8	1512.2	1551.7	1583.0	1623.0	1656.1	1689.2	1712.4	1713.6	1710.5	1705.4
-15°	1459.8	1507.6	1546.0	1580.2	1619.4	1658.1	1692.1	1717.7	1722.2	1719.7	1715.6
-17.5°	1447.7	1498.2	1539.0	1575.7	1613.4	1654.6	1693.3	1721.3	1727.5	1726.5	1723.1
-20°	1431.9	1484.0	1525.4	1563.9	1604.9	1647.3	1692.3	1717.9	1726.9	1727.5	1725.3

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1121 Highway 74 South
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REPORT NUMBER: P645325 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1414.2	1465.1	1509.1	1546.9	1591.4	1634.2	1675.0	1705.0	1720.2	1723.1	1723.3
-25°	1392.9	1445.3	1488.9	1529.2	1570.5	1614.8	1656.0	1689.5	1704.9	1712.3	1714.6
-27.5°	1362.7	1416.9	1459.8	1502.4	1544.5	1590.2	1633.5	1669.9	1682.5	1692.7	1696.7
-30°	1327.4	1381.0	1424.8	1463.7	1511.9	1558.5	1603.2	1634.9	1653.9	1665.5	1671.8
-32.5°	1286.9	1341.0	1386.9	1427.6	1473.3	1520.0	1562.0	1595.5	1621.6	1635.0	1641.8
-35°	1242.9	1298.1	1346.2	1389.1	1432.2	1476.6	1520.2	1555.2	1585.0	1596.4	1604.9
-37.5°	1189.9	1250.8	1300.1	1344.3	1385.2	1427.0	1472.4	1512.4	1541.3	1552.4	1561.4
-40°	1135.5	1194.3	1244.1	1291.2	1331.7	1377.3	1421.0	1463.0	1488.0	1501.0	1511.2
-42.5°	1078.1	1131.2	1178.5	1224.3	1269.4	1316.4	1360.0	1403.7	1425.3	1441.0	1453.4
-45°	1011.8	1061.2	1107.2	1150.1	1196.5	1242.7	1286.4	1325.0	1350.8	1371.2	1387.0
-47.5°	923.4	983.7	1029.8	1070.6	1116.6	1161.2	1203.5	1239.8	1268.0	1291.9	1310.4
-50°	833.6	891.5	943.6	989.3	1032.1	1073.3	1113.6	1149.0	1178.9	1204.8	1223.5
-52.5°	745.2	799.4	851.1	898.4	939.5	978.3	1015.2	1050.9	1082.4	1110.1	1128.1
-55°	645.3	701.4	752.5	796.6	837.7	876.2	912.6	946.4	977.4	1005.6	1022.9
-57.5°	551.6	600.9	648.4	689.1	727.8	764.4	799.0	831.4	861.3	887.8	904.5
-60°	465.5	501.4	542.3	579.9	614.3	645.4	677.6	707.8	735.3	758.6	774.1
-62.5°	389.4	419.2	448.7	477.3	505.1	533.1	560.1	585.1	608.0	627.1	640.8
-65°	321.5	345.5	366.9	387.1	406.4	428.5	449.0	468.3	486.1	500.7	511.1
-67.5°	264.8	281.6	296.4	310.3	325.5	341.1	355.7	368.5	379.4	388.0	394.9
-70°	213.5	225.9	237.0	248.1	259.2	269.4	279.0	288.4	297.3	304.6	310.0
-72.5°	167.2	175.6	183.2	191.8	199.8	207.5	214.2	219.6	223.8	227.9	231.4
-75°	127.4	133.8	142.4	149.6	155.6	160.8	165.7	170.0	173.8	177.2	180.1
-77.5°	102.6	107.9	113.4	118.7	123.8	127.5	131.0	134.5	138.0	141.0	143.6
-80°	76.0	80.0	84.2	88.5	92.7	94.8	96.4	98.0	99.3	101.1	102.8
-82.5°	46.5	48.7	51.1	53.4	55.8	56.4	56.6	56.6	56.3	55.6	54.7
-85°	20.6	20.8	20.7	20.5	20.1	19.3	18.3	17.1	15.8	15.6	15.4
-87.5°	4.5	4.4	4.3	4.1	4.0	4.0	4.0	4.0	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: P645325 (CONVERTED FROM TYPE C PHOTOMETRY)
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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	0.2	0.3	0.4	0.4
82.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
80°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
77.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
72.5°	0.4	0.4	0.2	0.0	0.2	0.4	0.4	0.4	0.4	0.4	0.4
70°	0.4	0.4	0.2	0.0	0.2	0.4	0.4	0.4	0.4	0.4	0.4
67.5°	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.4	0.4
65°	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5
62.5°	0.6	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.7
60°	1.3	0.8	0.7	0.7	0.7	0.8	1.3	1.7	1.9	2.1	2.1
57.5°	8.1	6.1	5.2	4.8	5.2	6.1	8.1	9.7	10.4	31.7	38.5
55°	200.0	210.1	217.8	221.3	217.8	210.1	200.0	182.4	157.9	148.2	151.2
52.5°	277.7	282.1	284.6	284.5	284.6	282.1	277.7	272.9	267.5	258.4	249.9
50°	309.5	311.6	312.4	311.9	312.4	311.6	309.5	306.1	304.2	300.0	284.8
47.5°	457.1	417.5	388.4	381.5	388.4	417.5	457.1	475.0	455.4	415.6	370.4
45°	651.0	666.0	681.0	685.6	681.0	666.0	651.0	644.2	629.9	612.6	594.6
42.5°	718.2	723.0	725.8	725.9	725.8	723.0	718.2	711.8	696.7	677.8	654.5
40°	750.2	754.8	757.5	757.8	757.5	754.8	750.2	743.9	732.5	715.9	694.6
37.5°	779.3	783.2	785.8	788.5	785.8	783.2	779.3	777.5	776.0	759.1	746.4
35°	910.8	881.1	838.2	844.7	838.2	881.1	910.8	914.3	888.8	841.5	864.2
32.5°	1137.0	1149.6	1157.4	1170.7	1157.4	1149.6	1137.0	1125.5	1132.8	1107.0	1051.2
30°	1241.3	1245.5	1251.7	1258.4	1251.7	1245.5	1241.3	1238.1	1236.0	1205.8	1172.1
27.5°	1267.4	1271.7	1275.5	1278.3	1275.5	1271.7	1267.4	1265.0	1260.4	1241.4	1212.8
25°	1281.0	1283.7	1287.7	1291.3	1287.7	1283.7	1281.0	1280.5	1276.8	1265.1	1242.1
22.5°	1287.8	1288.1	1291.2	1295.7	1291.2	1288.1	1287.8	1288.9	1287.0	1281.9	1256.9
20°	1292.5	1289.9	1293.2	1296.1	1293.2	1289.9	1292.5	1294.1	1293.6	1293.8	1272.9
17.5°	1351.6	1317.8	1304.0	1304.2	1304.0	1317.8	1351.6	1317.9	1341.8	1352.8	1347.2
15°	1542.4	1555.1	1603.6	1629.8	1603.6	1555.1	1542.4	1578.8	1546.4	1553.9	1525.2
12.5°	1665.5	1661.0	1655.3	1663.1	1655.3	1661.0	1665.5	1666.7	1673.1	1676.5	1667.9
10°	1671.3	1670.7	1660.5	1671.7	1660.5	1670.7	1671.3	1674.7	1682.8	1688.6	1678.6
7.5°	1667.8	1668.0	1663.7	1674.6	1663.7	1668.0	1667.8	1676.9	1682.4	1685.8	1675.7
5°	1670.1	1662.5	1665.4	1671.7	1665.4	1662.5	1670.1	1671.0	1676.4	1680.4	1674.5
2.5°	1663.6	1662.8	1657.2	1661.7	1657.2	1662.8	1663.6	1667.1	1670.3	1672.0	1672.1
0°	1658.7	1654.6	1654.6	1658.3	1654.6	1654.6	1658.7	1665.0	1670.5	1675.4	1677.2
-2.5°	1667.5	1666.6	1666.1	1663.5	1666.1	1666.6	1667.5	1670.2	1673.0	1675.4	1676.3
-5°	1674.6	1672.4	1666.4	1674.6	1666.4	1672.4	1674.6	1677.8	1682.4	1685.6	1684.7
-7.5°	1682.4	1676.7	1671.0	1683.9	1671.0	1676.7	1682.4	1684.8	1690.4	1694.7	1694.3
-10°	1689.5	1681.3	1675.7	1688.3	1675.7	1681.3	1689.5	1695.1	1699.9	1704.0	1704.8
-12.5°	1698.8	1689.3	1685.6	1692.4	1685.6	1689.3	1698.8	1705.4	1710.5	1713.6	1712.4
-15°	1708.8	1702.2	1701.3	1705.3	1701.3	1702.2	1708.8	1715.6	1719.7	1722.2	1717.7
-17.5°	1717.5	1712.9	1715.2	1719.8	1715.2	1712.9	1717.5	1723.1	1726.5	1727.5	1721.3
-20°	1721.7	1719.1	1721.6	1733.1	1721.6	1719.1	1721.7	1725.3	1727.5	1726.9	1717.9

Classified

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

Scaled Data Report



REPORT NUMBER: P645325 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-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°	1721.3	1721.5	1726.1	1729.7	1726.1	1721.5	1721.3	1723.3	1723.1	1720.2	1705.0
-25°	1714.8	1718.2	1723.4	1730.9	1723.4	1718.2	1714.8	1714.6	1712.3	1704.9	1689.5
-27.5°	1699.0	1704.7	1710.1	1717.9	1710.1	1704.7	1699.0	1696.7	1692.7	1682.5	1669.9
-30°	1676.0	1682.9	1687.7	1696.1	1687.7	1682.9	1676.0	1671.8	1665.5	1653.9	1634.9
-32.5°	1648.2	1655.9	1661.6	1667.6	1661.6	1655.9	1648.2	1641.8	1635.0	1621.6	1595.5
-35°	1613.3	1621.6	1627.8	1633.2	1627.8	1621.6	1613.3	1604.9	1596.4	1585.0	1555.2
-37.5°	1571.4	1580.4	1587.4	1593.6	1587.4	1580.4	1571.4	1561.4	1552.4	1541.3	1512.4
-40°	1522.7	1531.9	1539.3	1546.2	1539.3	1531.9	1522.7	1511.2	1501.0	1488.0	1463.0
-42.5°	1465.7	1474.9	1482.6	1489.6	1482.6	1474.9	1465.7	1453.4	1441.0	1425.3	1403.7
-45°	1399.8	1409.4	1417.4	1424.9	1417.4	1409.4	1399.8	1387.0	1371.2	1350.8	1325.0
-47.5°	1324.0	1334.2	1341.1	1344.6	1341.1	1334.2	1324.0	1310.4	1291.9	1268.0	1239.8
-50°	1237.0	1247.2	1255.5	1261.7	1255.5	1247.2	1237.0	1223.5	1204.8	1178.9	1149.0
-52.5°	1141.3	1151.1	1158.2	1162.5	1158.2	1151.1	1141.3	1128.1	1110.1	1082.4	1050.9
-55°	1036.6	1046.8	1053.5	1056.7	1053.5	1046.8	1036.6	1022.9	1005.6	977.4	946.4
-57.5°	917.7	927.4	934.6	938.7	934.6	927.4	917.7	904.5	887.8	861.3	831.4
-60°	786.3	794.9	800.4	802.5	800.4	794.9	786.3	774.1	758.6	735.3	707.8
-62.5°	651.8	660.0	665.1	667.1	665.1	660.0	651.8	640.8	627.1	608.0	585.1
-65°	518.8	524.0	526.8	527.2	526.8	524.0	518.8	511.1	500.7	486.1	468.3
-67.5°	400.3	404.2	406.6	407.4	406.6	404.2	400.3	394.9	388.0	379.4	368.5
-70°	314.1	316.8	318.3	318.6	318.3	316.8	314.1	310.0	304.6	297.3	288.4
-72.5°	234.1	236.1	235.4	233.8	235.4	236.1	234.1	231.4	227.9	223.8	219.6
-75°	182.7	184.8	183.9	182.4	183.9	184.8	182.7	180.1	177.2	173.8	170.0
-77.5°	145.9	147.8	146.9	145.4	146.9	147.8	145.9	143.6	141.0	138.0	134.5
-80°	104.2	105.4	106.2	106.6	106.2	105.4	104.2	102.8	101.1	99.3	98.0
-82.5°	53.4	51.8	50.8	49.6	50.8	51.8	53.4	54.7	55.6	56.3	56.6
-85°	15.1	14.7	15.0	15.2	15.0	14.7	15.1	15.4	15.6	15.8	17.1
-87.5°	4.3	4.4	4.4	4.4	4.4	4.4	4.3	4.2	4.1	4.0	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: P645325 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-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°	0.2	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
85°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
82.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
80°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
77.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
72.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
70°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
67.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5
65°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
62.5°	0.7	0.7	0.8	0.8	0.8	1.0	0.9	0.9	0.9	1.0	1.4
60°	1.8	1.4	2.1	2.3	2.0	3.4	5.8	5.2	1.6	8.4	9.6
57.5°	24.5	20.3	42.6	42.5	17.8	24.0	32.2	21.2	13.9	23.7	31.3
55°	170.7	156.4	136.0	133.8	140.9	107.0	89.5	86.1	67.4	43.8	52.0
52.5°	240.7	226.4	212.4	199.5	188.8	177.5	160.8	142.7	136.8	110.2	85.0
50°	272.4	286.3	272.6	239.1	245.0	228.8	205.3	186.1	190.0	173.7	140.0
47.5°	369.4	386.3	386.8	366.8	344.5	337.7	303.1	243.1	247.1	246.4	210.7
45°	540.7	517.0	525.9	497.8	458.5	436.7	435.6	371.4	311.9	302.2	298.8
42.5°	634.7	617.1	598.9	578.0	543.2	508.5	487.1	451.1	403.3	360.9	345.9
40°	672.7	652.2	635.2	617.9	589.9	554.4	537.1	489.7	453.8	417.2	405.0
37.5°	718.5	679.7	694.9	662.1	636.1	627.4	614.1	564.7	485.0	478.4	472.2
35°	821.0	784.7	819.7	813.5	710.0	721.5	730.4	669.8	586.4	541.2	542.2
32.5°	1054.9	971.2	945.7	977.0	922.6	832.3	833.6	815.2	701.3	635.5	606.7
30°	1139.6	1102.4	1062.2	1056.7	1016.2	964.0	930.8	886.4	803.6	728.5	679.1
27.5°	1176.1	1142.4	1108.5	1082.4	1058.9	1023.5	980.2	928.0	869.1	801.8	753.8
25°	1202.2	1164.5	1135.2	1106.3	1081.0	1054.2	1010.0	959.2	904.2	850.0	798.5
22.5°	1223.1	1187.9	1156.5	1125.4	1104.9	1076.1	1036.3	983.9	947.0	912.5	845.5
20°	1246.1	1212.1	1176.7	1178.1	1148.0	1099.9	1061.7	1035.5	1030.5	991.7	905.2
17.5°	1345.5	1252.2	1269.5	1302.4	1236.0	1148.6	1135.0	1136.4	1120.4	1084.3	976.8
15°	1558.5	1423.8	1425.0	1447.6	1375.7	1268.2	1243.5	1240.4	1215.2	1175.3	1052.4
12.5°	1625.7	1580.6	1572.4	1538.7	1468.0	1387.7	1358.4	1342.5	1296.1	1218.9	1106.8
10°	1648.4	1622.3	1587.6	1553.6	1510.7	1478.5	1436.7	1378.8	1313.1	1238.6	1147.3
7.5°	1651.0	1624.0	1596.0	1563.7	1526.1	1488.2	1446.8	1389.4	1325.8	1252.7	1175.8
5°	1649.5	1622.5	1596.6	1565.7	1527.5	1490.8	1453.3	1396.5	1334.4	1262.0	1194.6
2.5°	1645.4	1618.1	1593.5	1565.4	1527.4	1492.0	1457.3	1404.1	1340.5	1269.6	1200.8
0°	1651.3	1624.3	1601.0	1569.5	1535.1	1494.1	1459.3	1411.9	1343.5	1274.6	1203.2
-2.5°	1653.8	1625.9	1604.5	1569.1	1540.6	1498.7	1463.4	1417.7	1349.1	1283.6	1208.9
-5°	1667.2	1639.4	1611.5	1576.0	1546.0	1506.8	1467.1	1420.1	1353.3	1288.4	1211.5
-7.5°	1675.9	1647.8	1615.3	1580.8	1550.7	1513.3	1469.4	1420.2	1357.1	1288.4	1212.7
-10°	1681.5	1652.0	1619.9	1584.6	1553.5	1515.0	1468.6	1419.0	1356.3	1285.3	1210.0
-12.5°	1689.2	1656.1	1623.0	1583.0	1551.7	1512.2	1465.8	1416.2	1350.5	1279.7	1203.1
-15°	1692.1	1658.1	1619.4	1580.2	1546.0	1507.6	1459.8	1407.8	1340.4	1271.0	1191.8
-17.5°	1693.3	1654.6	1613.4	1575.7	1539.0	1498.2	1447.7	1392.5	1327.4	1255.7	1176.9
-20°	1692.3	1647.3	1604.9	1563.9	1525.4	1484.0	1431.9	1377.2	1308.8	1235.9	1157.6



REPORT NUMBER: P645325 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-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°	1675.0	1634.2	1591.4	1546.9	1509.1	1465.1	1414.2	1357.5	1284.6	1214.1	1133.0
-25°	1656.0	1614.8	1570.5	1529.2	1488.9	1445.3	1392.9	1328.6	1259.4	1186.0	1103.1
-27.5°	1633.5	1590.2	1544.5	1502.4	1459.8	1416.9	1362.7	1298.0	1231.4	1151.2	1070.6
-30°	1603.2	1558.5	1511.9	1463.7	1424.8	1381.0	1327.4	1264.6	1193.0	1113.9	1037.2
-32.5°	1562.0	1520.0	1473.3	1427.6	1386.9	1341.0	1286.9	1224.5	1149.4	1074.5	994.8
-35°	1520.2	1476.6	1432.2	1389.1	1346.2	1298.1	1242.9	1175.0	1103.2	1029.0	946.3
-37.5°	1472.4	1427.0	1385.2	1344.3	1300.1	1250.8	1189.9	1124.2	1054.3	972.7	894.0
-40°	1421.0	1377.3	1331.7	1291.2	1244.1	1194.3	1135.5	1071.7	994.7	914.1	840.1
-42.5°	1360.0	1316.4	1269.4	1224.3	1178.5	1131.2	1078.1	1009.0	932.8	856.7	779.9
-45°	1286.4	1242.7	1196.5	1150.1	1107.2	1061.2	1011.8	938.2	862.9	790.4	716.6
-47.5°	1203.5	1161.2	1116.6	1070.6	1029.8	983.7	923.4	854.9	788.2	719.3	643.8
-50°	1113.6	1073.3	1032.1	989.3	943.6	891.5	833.6	773.9	707.8	637.1	568.1
-52.5°	1015.2	978.3	939.5	898.4	851.1	799.4	745.2	681.8	615.9	555.9	493.2
-55°	912.6	876.2	837.7	796.6	752.5	701.4	645.3	587.6	533.9	478.4	430.5
-57.5°	799.0	764.4	727.8	689.1	648.4	600.9	551.6	502.7	460.1	417.0	373.6
-60°	677.6	645.4	614.3	579.9	542.3	501.4	465.5	429.4	393.3	358.8	323.8
-62.5°	560.1	533.1	505.1	477.3	448.7	419.2	389.4	361.5	333.0	303.8	278.0
-65°	449.0	428.5	406.4	387.1	366.9	345.5	321.5	299.7	279.0	257.5	235.7
-67.5°	355.7	341.1	325.5	310.3	296.4	281.6	264.8	247.1	230.7	214.8	198.7
-70°	279.0	269.4	259.2	248.1	237.0	225.9	213.5	200.5	187.3	175.4	164.1
-72.5°	214.2	207.5	199.8	191.8	183.2	175.6	167.2	158.4	149.5	140.5	131.9
-75°	165.7	160.8	155.6	149.6	142.4	133.8	127.4	123.2	117.8	111.3	104.1
-77.5°	131.0	127.5	123.8	118.7	113.4	107.9	102.6	97.3	92.0	87.0	82.5
-80°	96.4	94.8	92.7	88.5	84.2	80.0	76.0	72.8	69.7	66.3	62.2
-82.5°	56.6	56.4	55.8	53.4	51.1	48.7	46.5	44.2	41.8	39.2	36.7
-85°	18.3	19.3	20.1	20.5	20.7	20.8	20.6	20.1	19.4	18.6	17.7
-87.5°	4.0	4.0	4.0	4.1	4.3	4.4	4.5	4.7	4.9	5.1	5.2
-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: P645325 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-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°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4
82.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.6
80°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.6
77.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.6
75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.6
72.5°	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.4	0.5	0.6	0.6
70°	0.4	0.4	0.4	0.4	0.5	0.6	0.6	0.6	0.5	0.6	0.7
67.5°	0.5	0.6	0.5	0.5	0.5	0.6	0.7	0.8	0.8	0.6	0.7
65°	0.6	0.6	0.7	1.0	0.9	0.6	0.7	1.4	1.1	1.0	0.7
62.5°	1.2	0.7	2.3	3.1	1.7	1.4	1.1	3.2	2.0	1.3	1.0
60°	2.9	2.3	6.5	10.4	7.3	2.4	3.6	5.6	5.1	1.8	1.4
57.5°	27.1	9.3	13.5	19.5	19.2	10.4	7.6	10.1	8.7	5.0	1.9
55°	57.9	48.7	32.2	29.4	31.8	25.7	16.7	16.4	13.5	9.3	3.2
52.5°	79.4	82.9	72.1	50.4	43.9	41.8	32.7	23.8	21.1	14.0	8.1
50°	115.0	107.1	106.0	89.0	61.6	55.7	48.2	37.2	29.7	20.1	13.7
47.5°	162.5	142.7	132.2	124.6	98.2	71.0	63.3	50.9	39.1	28.9	19.6
45°	232.2	184.5	164.2	151.8	134.6	99.9	79.2	64.1	50.9	38.8	25.7
42.5°	302.3	238.5	200.7	180.7	162.8	132.5	96.2	79.4	62.5	48.8	33.5
40°	364.1	294.3	239.1	213.3	190.4	164.0	123.8	95.8	73.8	59.2	42.3
37.5°	438.5	357.8	283.3	247.6	219.9	190.3	151.7	113.0	87.4	70.0	51.2
35°	510.5	439.9	332.7	288.9	252.8	217.3	178.7	133.2	104.1	81.1	60.0
32.5°	587.8	517.2	407.4	335.1	286.8	244.8	203.8	157.8	120.9	92.2	68.9
30°	648.6	568.1	472.9	381.3	323.8	275.6	229.0	181.4	137.7	103.5	77.8
27.5°	680.9	612.1	524.6	432.8	365.4	307.2	254.8	204.0	154.6	115.9	87.0
25°	714.2	643.1	561.5	477.8	406.5	340.6	280.6	225.5	172.9	129.9	96.2
22.5°	754.1	669.4	592.7	513.5	448.8	374.4	307.7	247.2	191.3	143.6	105.2
20°	794.2	693.9	623.4	562.0	490.4	411.1	335.9	268.5	208.6	156.9	114.1
17.5°	836.2	738.3	675.6	609.4	531.9	446.5	363.8	289.0	224.9	169.9	122.7
15°	909.4	804.8	728.1	655.5	573.1	480.7	391.0	308.8	240.0	182.3	130.6
12.5°	975.9	866.8	780.8	700.1	613.7	513.2	417.2	327.6	254.1	192.2	137.8
10°	1030.9	924.2	832.8	742.8	653.0	543.9	442.2	342.9	262.5	199.6	144.3
7.5°	1075.9	977.3	883.5	783.5	686.8	564.0	454.8	351.8	269.0	205.9	150.3
5°	1108.4	1012.7	910.4	797.7	697.4	572.3	463.4	359.1	274.3	211.1	155.7
2.5°	1117.8	1023.6	920.5	805.5	704.6	577.6	469.5	364.7	278.3	215.4	160.4
0°	1123.3	1030.8	926.8	810.3	708.2	580.2	473.2	368.5	281.2	218.7	164.6
-2.5°	1130.9	1037.0	932.9	822.6	710.6	588.0	475.3	371.0	284.8	219.9	167.0
-5°	1134.7	1039.4	935.9	830.9	710.0	592.6	475.0	371.8	287.2	220.3	168.8
-7.5°	1133.1	1038.6	936.0	833.5	706.7	593.6	472.5	370.9	288.1	220.0	169.9
-10°	1128.0	1034.4	932.5	826.8	703.8	589.4	467.9	368.6	287.5	219.0	170.3
-12.5°	1120.2	1026.5	925.1	817.1	697.6	580.8	462.4	364.5	285.2	217.5	170.1
-15°	1110.1	1015.1	914.0	804.9	687.5	569.3	454.3	358.7	280.7	215.8	169.1
-17.5°	1097.2	1000.1	899.1	790.4	673.2	555.0	443.4	351.0	275.0	213.7	167.0
-20°	1074.1	980.0	880.1	773.9	654.7	538.1	429.6	341.6	268.3	210.7	164.1

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REPORT NUMBER: P645325 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-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°	1048.1	955.2	856.4	751.6	632.4	518.7	412.9	330.4	260.5	206.8	160.6
-25°	1020.4	927.3	828.9	720.8	607.7	498.2	396.2	317.5	251.8	202.0	156.6
-27.5°	987.9	895.7	797.7	686.9	579.1	474.3	380.2	306.0	243.3	196.3	152.0
-30°	951.4	858.4	758.7	650.7	547.7	446.8	362.3	293.7	236.2	190.0	146.8
-32.5°	909.6	817.4	715.5	613.6	514.6	417.6	342.5	280.6	227.9	183.4	142.1
-35°	861.9	769.7	669.7	573.8	479.5	394.0	323.1	266.8	218.6	176.2	137.1
-37.5°	812.3	718.5	623.9	532.3	442.1	368.4	305.7	253.0	208.1	168.5	131.5
-40°	755.6	665.8	575.8	489.5	409.8	340.9	286.9	239.5	198.2	160.3	125.5
-42.5°	697.2	610.5	525.7	444.2	377.9	318.6	267.2	224.9	187.8	152.4	118.9
-45°	634.2	552.1	472.4	406.0	345.4	294.9	249.9	209.8	176.6	144.3	112.1
-47.5°	567.8	490.6	423.9	366.2	317.9	271.2	231.5	196.7	164.9	135.6	105.3
-50°	497.5	433.4	379.3	331.7	288.1	249.8	213.2	183.0	154.2	126.0	98.2
-52.5°	435.1	383.8	339.0	298.3	261.9	227.2	197.5	168.9	143.1	116.9	90.8
-55°	381.7	339.6	301.8	267.9	235.9	207.9	181.1	156.4	131.7	107.7	83.3
-57.5°	335.6	298.8	268.5	239.1	212.7	188.8	166.2	143.7	120.8	98.2	77.3
-60°	291.2	263.8	236.9	213.2	190.8	170.6	152.1	130.9	109.8	88.7	70.6
-62.5°	252.9	229.5	209.2	188.5	170.0	153.5	137.9	118.4	98.5	79.8	63.4
-65°	217.1	199.1	181.7	165.3	149.9	135.9	123.3	105.6	87.2	70.5	55.9
-67.5°	183.0	169.4	155.9	142.1	129.9	118.6	107.8	91.9	75.4	60.7	48.5
-70°	152.6	141.0	130.3	120.1	110.2	100.8	90.6	77.2	63.0	51.9	41.0
-72.5°	123.8	115.4	106.5	98.0	90.8	82.5	73.2	62.7	52.7	42.9	33.2
-75°	97.2	91.6	85.4	78.7	72.0	64.6	58.4	51.0	42.3	33.8	26.8
-77.5°	77.8	72.4	66.1	60.8	56.3	51.2	45.5	39.2	32.3	26.3	20.7
-80°	57.4	53.2	49.7	46.6	42.4	37.8	33.1	28.5	23.5	18.8	14.5
-82.5°	35.0	34.1	33.1	31.7	28.2	24.8	21.4	18.1	14.5	11.3	9.3
-85°	17.5	17.1	16.6	15.9	13.7	11.6	10.7	9.7	8.5	7.3	6.2
-87.5°	5.7	6.2	6.5	6.8	6.3	5.8	5.3	4.9	4.3	3.7	3.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	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	0.2	0.1	0.1	0.1	0.0	0.0
85°	0.4	0.3	0.2	0.2	0.1	0.1	0.0
82.5°	0.5	0.5	0.4	0.3	0.2	0.1	0.0
80°	0.7	0.6	0.5	0.4	0.2	0.2	0.0
77.5°	0.7	0.7	0.6	0.5	0.3	0.2	0.0
75°	0.7	0.7	0.7	0.5	0.4	0.2	0.0
72.5°	0.7	0.8	0.7	0.6	0.4	0.3	0.0
70°	0.7	0.8	0.8	0.7	0.5	0.3	0.0
67.5°	0.8	0.8	0.8	0.7	0.6	0.4	0.0
65°	1.0	1.0	0.9	0.8	0.6	0.4	0.0
62.5°	1.1	1.2	0.9	0.8	0.7	0.4	0.0
60°	1.3	1.5	1.0	0.9	0.8	0.5	0.0
57.5°	2.5	1.8	1.2	0.9	0.8	0.5	0.0
55°	4.0	2.1	1.6	1.0	0.8	0.5	0.0
52.5°	5.8	2.7	1.9	1.0	0.9	0.6	0.0
50°	7.8	4.6	2.2	1.0	0.9	0.6	0.0
47.5°	10.5	6.6	2.6	1.1	1.0	0.6	0.0
45°	15.8	8.8	3.0	1.4	1.0	0.7	0.0
42.5°	21.3	11.2	3.3	1.7	1.1	0.7	0.0
40°	26.9	13.6	4.5	2.1	1.1	0.7	0.0
37.5°	32.6	16.2	6.4	2.5	1.2	0.8	0.0
35°	38.4	20.1	8.4	3.0	1.2	0.8	0.0
32.5°	44.7	24.7	10.4	3.6	1.3	0.8	0.0
30°	51.8	29.2	12.4	4.2	1.3	0.9	0.0
27.5°	58.9	33.7	14.8	4.8	1.3	0.9	0.0
25°	65.7	38.1	17.4	5.4	1.4	0.9	0.0
22.5°	72.4	42.6	19.9	6.1	1.4	0.9	0.0
20°	78.8	47.4	22.4	6.8	1.5	1.0	0.0
17.5°	85.2	52.1	24.8	7.5	1.5	1.0	0.0
15°	91.3	56.6	27.2	8.3	1.6	1.0	0.0
12.5°	97.0	60.8	29.6	9.0	1.6	1.0	0.0
10°	102.3	64.9	31.8	9.7	1.7	1.0	0.0
7.5°	107.2	68.6	33.9	10.4	1.7	1.1	0.0
5°	111.6	72.1	35.8	11.0	1.7	1.1	0.0
2.5°	115.6	75.3	37.6	11.6	1.8	1.1	0.0
0°	119.1	78.1	39.2	12.2	1.8	1.1	0.0
-2.5°	120.8	79.9	40.7	13.0	2.1	1.2	0.0
-5°	122.1	81.3	42.0	13.7	2.4	1.2	0.0
-7.5°	122.9	82.3	43.0	14.4	2.7	1.3	0.0
-10°	123.3	82.9	43.8	15.0	2.9	1.3	0.0
-12.5°	123.2	83.2	44.3	15.4	3.2	1.4	0.0
-15°	122.8	83.0	44.5	15.8	3.4	1.4	0.0
-17.5°	121.9	82.5	44.5	16.1	3.7	1.5	0.0
-20°	120.5	81.7	44.2	16.3	3.9	1.5	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	118.5	80.4	43.6	16.3	4.0	1.5	0.0
-25°	116.0	78.5	42.6	16.2	4.2	1.6	0.0
-27.5°	113.0	76.1	41.4	16.0	4.4	1.6	0.0
-30°	109.6	73.3	39.9	15.7	4.5	1.6	0.0
-32.5°	105.8	70.2	38.1	15.2	4.6	1.6	0.0
-35°	101.6	66.9	36.0	14.6	4.6	1.6	0.0
-37.5°	97.1	63.5	33.8	13.9	4.7	1.6	0.0
-40°	92.2	60.4	31.4	13.0	4.7	1.6	0.0
-42.5°	87.1	57.1	29.6	12.1	4.6	1.6	0.0
-45°	81.6	53.6	28.3	11.2	4.6	1.5	0.0
-47.5°	75.8	49.9	26.8	10.1	4.5	1.5	0.0
-50°	70.9	45.9	25.1	9.7	4.4	1.4	0.0
-52.5°	66.0	41.8	23.2	9.5	4.3	1.4	0.0
-55°	61.0	38.7	21.1	9.2	4.1	1.3	0.0
-57.5°	55.7	35.6	18.8	8.8	3.9	1.3	0.0
-60°	50.4	32.2	16.3	8.3	3.7	1.2	0.0
-62.5°	45.5	28.4	15.2	7.8	3.5	1.1	0.0
-65°	40.3	24.5	13.9	7.1	3.2	1.0	0.0
-67.5°	34.8	21.2	12.4	6.3	3.0	1.0	0.0
-70°	29.0	18.5	10.8	5.5	2.7	0.9	0.0
-72.5°	24.5	15.7	9.0	4.8	2.4	0.8	0.0
-75°	20.0	12.7	7.2	4.2	2.1	0.7	0.0
-77.5°	15.3	9.5	6.0	3.5	1.7	0.6	0.0
-80°	10.5	7.3	4.8	2.9	1.4	0.4	0.0
-82.5°	7.7	5.5	3.6	2.2	1.1	0.3	0.0
-85°	5.2	3.7	2.4	1.4	0.7	0.2	0.0
-87.5°	2.6	1.8	1.2	0.7	0.4	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)