

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: P645361 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2B-735-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645361 (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-SA2B-735-U-LAM-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (32) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6668.3 lumens
Efficiency: N/A
Efficacy: 104.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 7H x 7V
Max Intensity: 2843.8 candela
Max Intensity Angle: 0°H x -20°V

Beam Angle (50%): 105.6°H x 93.7°V
Beam Lumens: 5212.9 lumens
Beam Efficiency: 78.2%

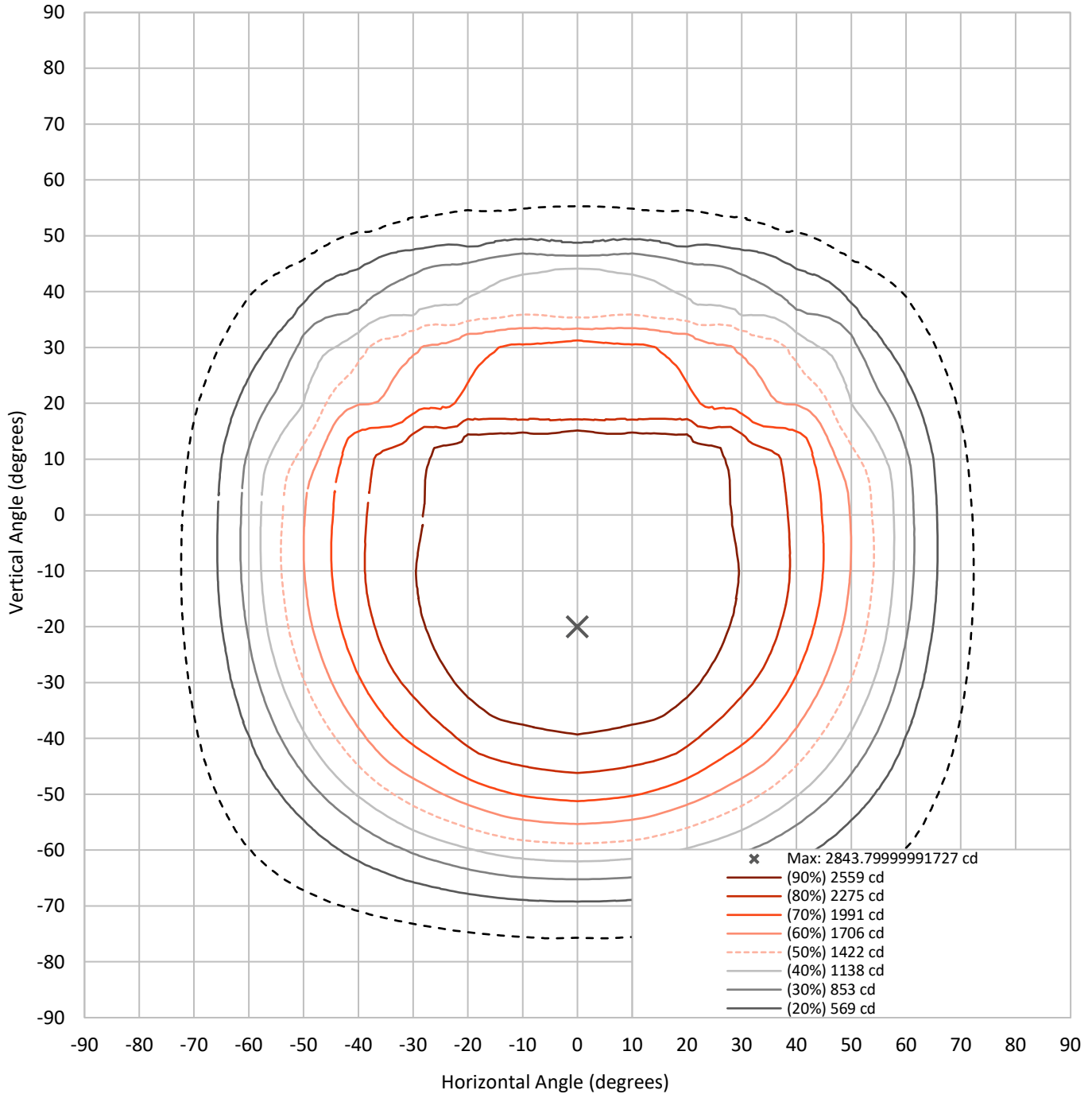
Field Angle (10%): 144°H x 131.2°V
Field Lumens: 6535.8 lumens
Field Efficiency: 98.0%

Input Watts (W): 63.6
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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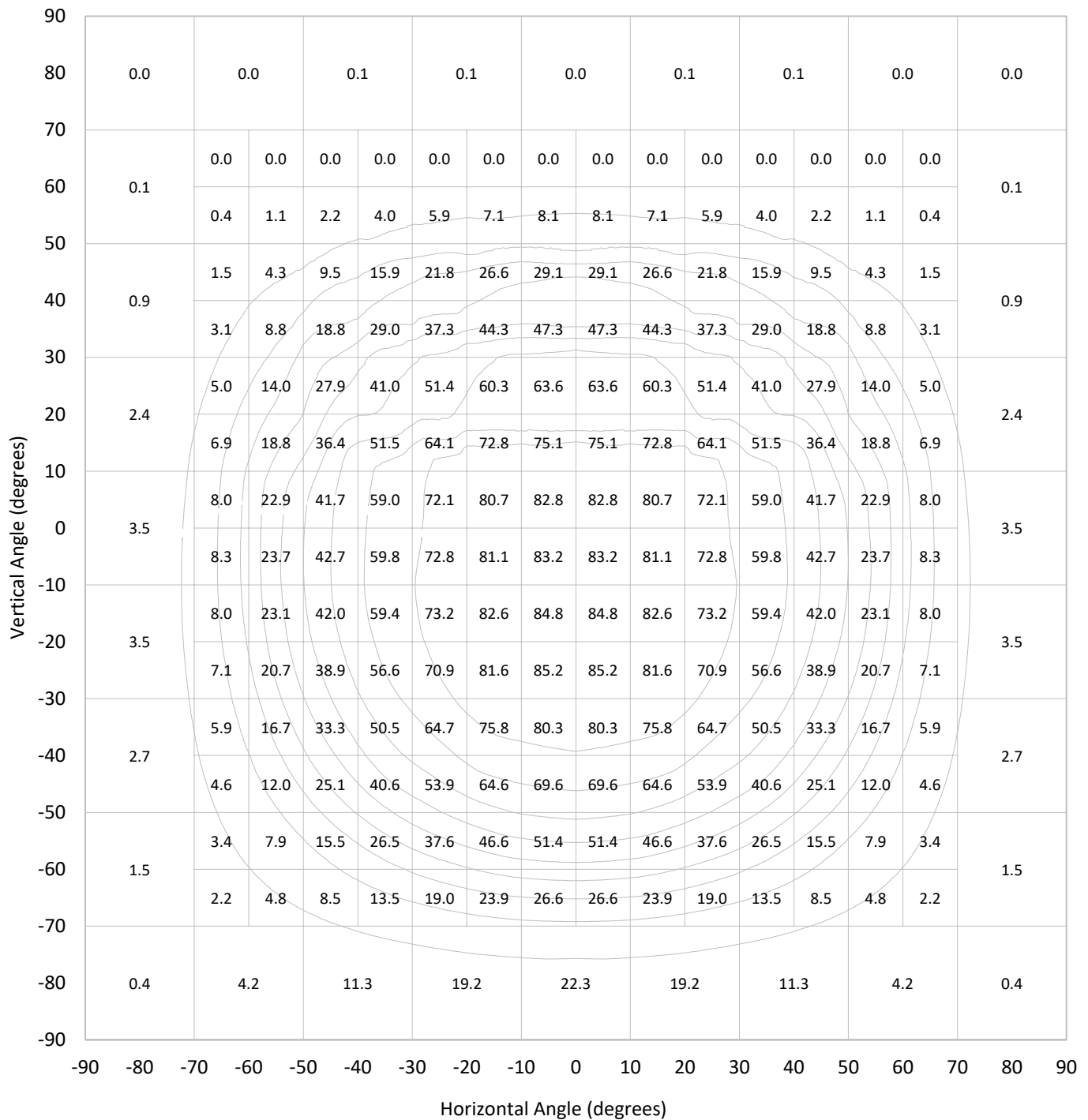
Iso-Candela Plot





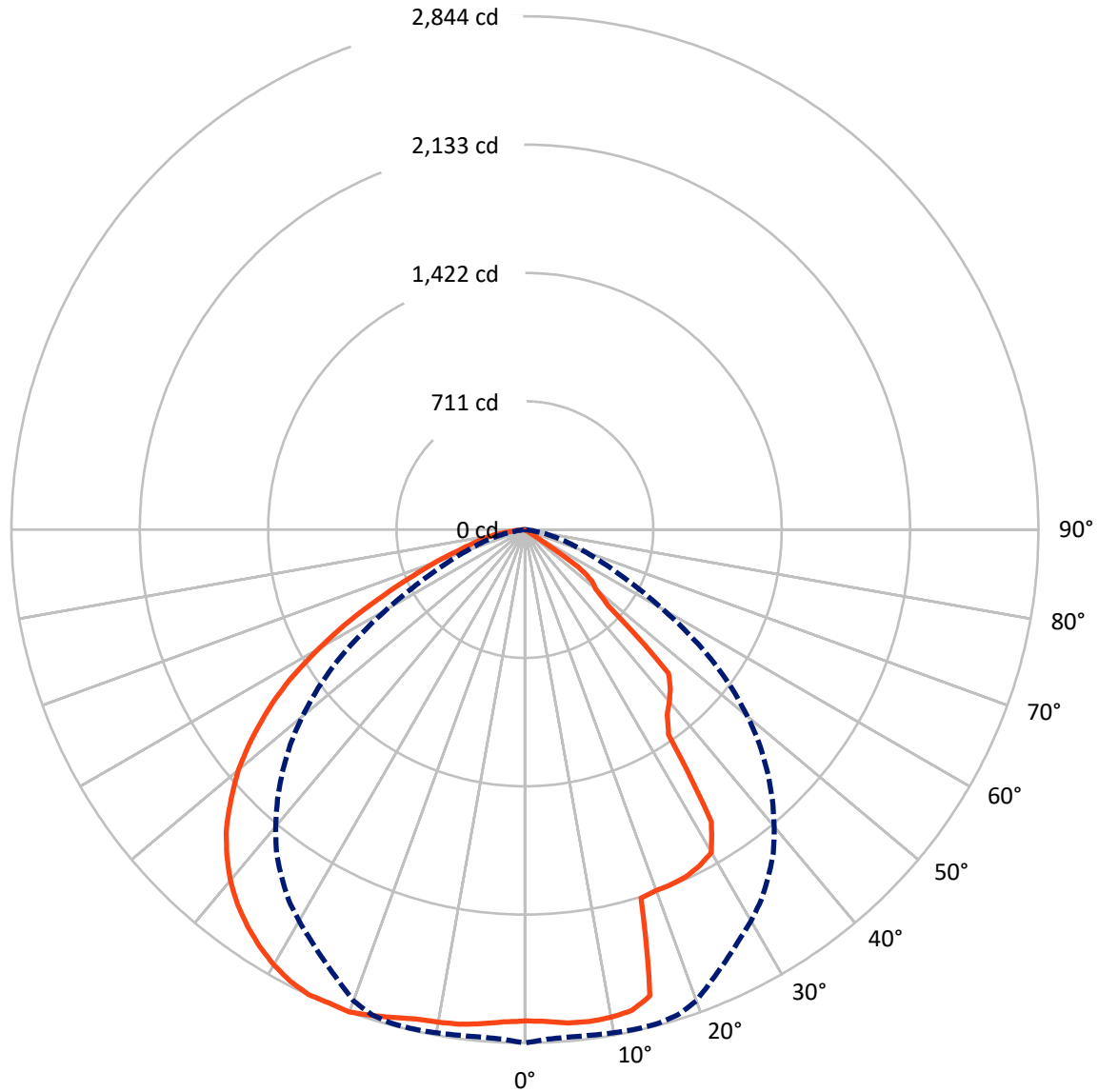
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Lumen Table



REPORT NUMBER: P645361 (CONVERTED FROM TYPE C PHOTOMETRY)
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Luminous Intensity Polar Plot

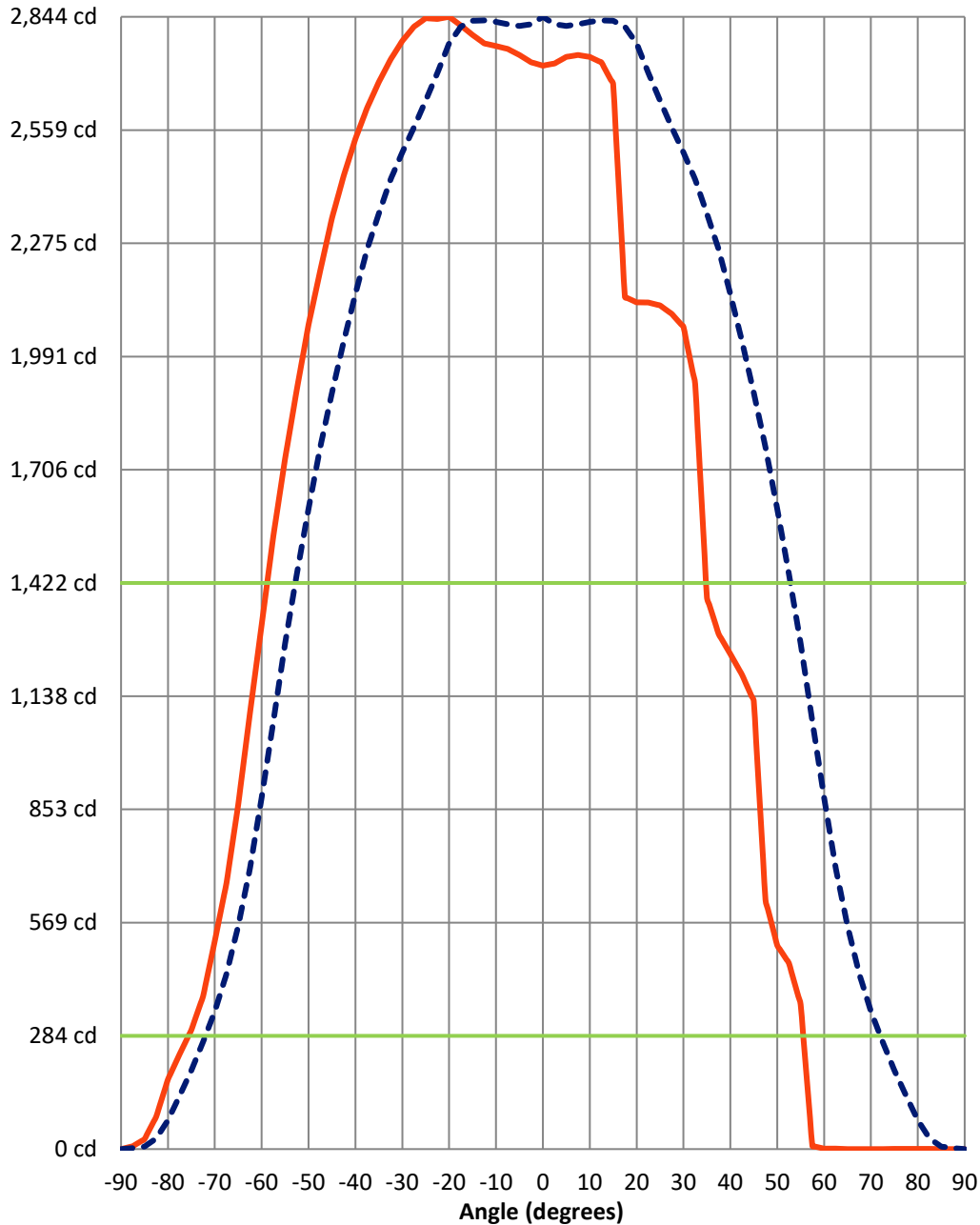


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through -20-Deg



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Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 5212.9
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 6535.8
 Efficiency: 98.0%

Spill:
 Lumens: 132.4
 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	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.5
82.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.0	0.9	0.8	0.6
80°	0.0	0.3	0.4	0.6	0.8	1.0	1.2	1.1	0.9	0.8	0.6
77.5°	0.0	0.3	0.5	0.8	1.0	1.2	1.2	1.1	0.9	0.8	0.6
75°	0.0	0.4	0.6	0.9	1.2	1.2	1.2	1.1	0.9	0.8	0.6
72.5°	0.0	0.5	0.7	1.1	1.3	1.3	1.2	1.1	1.0	0.8	0.7
70°	0.0	0.5	0.8	1.2	1.3	1.3	1.3	1.1	1.0	0.8	1.0
67.5°	0.0	0.6	1.0	1.3	1.4	1.4	1.4	1.1	1.0	1.3	1.4
65°	0.0	0.6	1.1	1.3	1.4	1.6	1.6	1.1	1.6	1.9	2.4
62.5°	0.0	0.7	1.2	1.4	1.5	2.0	1.9	1.6	2.2	3.3	5.3
60°	0.0	0.8	1.3	1.5	1.6	2.4	2.2	2.3	2.9	8.4	9.2
57.5°	0.0	0.8	1.3	1.5	2.0	2.9	4.1	3.2	8.2	14.3	16.6
55°	0.0	0.9	1.4	1.6	2.6	3.4	6.6	5.2	15.3	22.1	26.9
52.5°	0.0	1.0	1.5	1.6	3.1	4.4	9.5	13.3	23.0	34.7	39.1
50°	0.0	1.0	1.6	1.7	3.7	7.5	12.8	22.5	32.9	48.7	61.0
47.5°	0.0	1.1	1.6	1.9	4.2	10.9	17.2	32.1	47.4	64.1	83.5
45°	0.0	1.1	1.7	2.3	4.8	14.5	26.0	42.2	63.6	83.5	105.2
42.5°	0.0	1.2	1.8	2.8	5.5	18.3	34.9	54.9	80.1	102.5	130.4
40°	0.0	1.2	1.8	3.4	7.4	22.3	44.1	69.4	97.1	121.0	157.3
37.5°	0.0	1.3	1.9	4.1	10.5	26.6	53.5	83.9	114.9	143.4	185.3
35°	0.0	1.3	2.0	4.9	13.8	33.0	62.9	98.5	133.0	170.8	218.5
32.5°	0.0	1.4	2.1	5.8	17.0	40.5	73.2	113.0	151.3	198.4	258.9
30°	0.0	1.4	2.2	6.8	20.3	47.9	85.0	127.6	169.8	226.0	297.6
27.5°	0.0	1.5	2.2	7.8	24.3	55.3	96.5	142.8	190.2	253.6	334.7
25°	0.0	1.5	2.3	8.9	28.5	62.5	107.8	157.9	213.1	283.7	370.0
22.5°	0.0	1.6	2.4	10.0	32.6	69.9	118.7	172.7	235.6	313.9	405.7
20°	0.0	1.6	2.5	11.2	36.7	77.8	129.3	187.2	257.5	342.3	440.5
17.5°	0.0	1.6	2.5	12.4	40.8	85.4	139.7	201.3	278.7	369.0	474.3
15°	0.0	1.7	2.6	13.5	44.7	92.8	149.8	214.4	299.1	393.8	506.7
12.5°	0.0	1.7	2.7	14.7	48.5	99.8	159.2	226.1	315.3	416.9	537.6
10°	0.0	1.7	2.8	15.9	52.2	106.4	167.9	236.9	327.4	430.7	562.8
7.5°	0.0	1.7	2.8	17.0	55.6	112.6	175.9	246.7	337.7	441.4	577.4
5°	0.0	1.8	2.9	18.1	58.8	118.3	183.2	255.5	346.3	450.1	589.3
2.5°	0.0	1.8	2.9	19.1	61.8	123.5	189.7	263.4	353.3	456.7	598.4
0°	0.0	1.8	3.0	20.0	64.4	128.1	195.5	270.2	358.8	461.4	604.7
-2.5°	0.0	1.9	3.5	21.3	66.8	131.0	198.4	274.2	360.8	467.4	608.8
-5°	0.0	2.0	3.9	22.5	68.9	133.3	200.5	277.1	361.5	471.2	610.1
-7.5°	0.0	2.1	4.4	23.6	70.6	135.0	201.8	278.9	361.0	472.8	608.7
-10°	0.0	2.2	4.8	24.5	71.9	136.0	202.4	279.6	359.4	471.9	604.9
-12.5°	0.0	2.3	5.3	25.3	72.8	136.5	202.3	279.1	356.9	468.1	598.2
-15°	0.0	2.4	5.7	25.9	73.2	136.3	201.5	277.5	354.1	460.7	588.6
-17.5°	0.0	2.4	6.0	26.4	73.1	135.4	200.0	274.1	350.7	451.4	576.1
-20°	0.0	2.5	6.4	26.7	72.6	134.0	197.7	269.3	345.8	440.3	560.6

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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	2.5	6.7	26.8	71.6	132.0	194.4	263.6	339.4	427.6	542.2
-25°	0.0	2.6	6.9	26.6	70.0	128.8	190.3	257.0	331.5	413.2	521.0
-27.5°	0.0	2.6	7.2	26.3	68.0	124.8	185.5	249.4	322.1	399.3	502.2
-30°	0.0	2.6	7.4	25.8	65.4	120.3	179.9	241.0	311.8	387.6	482.1
-32.5°	0.0	2.6	7.5	25.0	62.5	115.3	173.5	233.1	300.9	374.0	460.5
-35°	0.0	2.6	7.6	24.1	59.2	109.7	166.7	224.9	289.1	358.6	437.7
-37.5°	0.0	2.6	7.7	22.9	55.5	104.2	159.3	215.8	276.5	341.5	415.2
-40°	0.0	2.6	7.7	21.4	51.6	99.1	151.3	205.9	263.0	325.2	393.0
-42.5°	0.0	2.5	7.6	19.9	48.5	93.7	142.9	195.1	250.1	308.0	369.0
-45°	0.0	2.5	7.6	18.3	46.5	87.9	133.8	184.0	236.8	289.7	344.2
-47.5°	0.0	2.4	7.4	16.6	44.1	81.8	124.3	172.8	222.5	270.5	322.7
-50°	0.0	2.4	7.2	16.0	41.3	75.4	116.3	161.1	206.8	252.9	300.2
-52.5°	0.0	2.3	7.0	15.7	38.1	68.7	108.3	148.9	191.7	234.8	277.1
-55°	0.0	2.2	6.7	15.2	34.7	63.6	100.0	136.5	176.7	216.1	256.6
-57.5°	0.0	2.1	6.4	14.5	30.8	58.4	91.4	126.7	161.0	198.2	235.7
-60°	0.0	2.0	6.0	13.7	26.8	52.8	82.7	115.9	145.4	180.2	214.8
-62.5°	0.0	1.8	5.7	12.7	24.9	46.7	74.7	104.1	131.0	161.6	194.3
-65°	0.0	1.7	5.3	11.6	22.8	40.2	66.2	91.8	115.7	143.1	173.3
-67.5°	0.0	1.6	4.8	10.4	20.3	34.7	57.1	79.7	99.6	123.6	150.7
-70°	0.0	1.4	4.4	9.0	17.7	30.4	47.5	67.2	85.1	103.4	126.6
-72.5°	0.0	1.2	3.9	7.9	14.8	25.7	40.2	54.5	70.4	86.5	102.9
-75°	0.0	1.1	3.4	6.9	11.8	20.8	32.8	43.9	55.4	69.5	83.7
-77.5°	0.0	0.9	2.8	5.8	9.8	15.6	25.2	33.9	43.1	53.0	64.3
-80°	0.0	0.7	2.3	4.7	7.9	11.9	17.2	23.8	30.9	38.5	46.8
-82.5°	0.0	0.6	1.7	3.5	6.0	9.0	12.6	15.3	18.4	23.8	29.7
-85°	0.0	0.4	1.2	2.4	4.0	6.0	8.5	10.2	12.0	13.9	15.9
-87.5°	0.0	0.2	0.6	1.2	2.0	3.0	4.2	5.1	6.0	7.0	7.9
-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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 CATALOG NUMBER: GFLD-SA2B-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°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.5
85°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
82.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
80°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
77.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
72.5°	0.7	0.8	0.8	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6
70°	0.9	1.0	0.8	0.7	0.6	0.6	0.7	0.7	0.6	0.6	0.6
67.5°	1.2	1.0	0.9	0.8	0.8	0.9	0.9	0.7	0.6	0.6	0.6
65°	1.2	1.0	1.5	1.7	1.3	1.1	0.9	0.8	0.8	0.9	0.9
62.5°	1.8	2.3	2.9	5.1	3.8	1.1	2.0	2.4	1.7	1.4	1.5
60°	5.9	4.0	12.0	17.1	10.7	3.9	4.8	15.9	13.7	2.5	8.6
57.5°	12.5	17.1	31.5	32.1	22.2	15.3	44.5	51.4	38.9	22.7	34.8
55°	27.5	42.2	52.2	48.4	52.8	80.0	95.0	85.4	71.9	110.6	141.3
52.5°	53.6	68.6	72.1	82.8	118.5	136.1	130.4	139.5	180.9	224.6	234.1
50°	79.1	91.4	101.1	146.1	174.0	175.8	188.8	229.8	285.0	311.8	305.3
47.5°	103.8	116.6	161.2	204.5	217.0	234.2	266.7	345.8	404.3	405.4	398.8
45°	129.9	164.0	220.9	249.1	269.5	302.8	381.1	490.2	495.9	511.8	609.4
42.5°	157.9	217.5	267.2	296.5	329.4	391.5	496.0	567.6	592.2	661.7	740.2
40°	203.1	269.2	312.6	350.1	392.4	482.9	597.4	664.5	684.5	744.7	803.6
37.5°	249.0	312.3	361.0	406.3	464.9	587.0	719.5	774.8	785.0	796.0	926.7
35°	293.2	356.6	414.8	474.1	546.0	721.8	837.6	889.6	888.0	962.2	1099.1
32.5°	334.5	401.8	470.6	549.8	668.4	848.6	964.4	995.6	1042.8	1150.8	1337.6
30°	375.7	452.3	531.2	625.7	775.9	932.1	1064.2	1114.4	1195.4	1318.6	1454.6
27.5°	418.2	504.0	599.5	710.2	860.7	1004.3	1117.2	1237.0	1315.7	1426.1	1522.8
25°	460.5	558.8	666.9	784.0	921.4	1055.1	1171.9	1310.3	1394.7	1483.8	1574.0
22.5°	504.9	614.4	736.5	842.6	972.5	1098.4	1237.4	1387.5	1497.3	1553.9	1614.5
20°	551.3	674.5	804.7	922.3	1022.9	1138.6	1303.2	1485.5	1627.3	1691.0	1699.3
17.5°	597.0	732.7	872.7	1000.0	1108.6	1211.5	1372.2	1602.9	1779.3	1838.4	1864.8
15°	641.6	788.7	940.4	1075.6	1194.8	1320.7	1492.3	1727.0	1928.5	1994.0	2035.5
12.5°	684.6	842.1	1006.9	1148.8	1281.2	1422.4	1601.4	1816.2	2000.2	2126.9	2202.9
10°	725.6	892.5	1071.5	1219.0	1366.5	1516.6	1691.6	1882.6	2032.4	2154.6	2262.5
7.5°	746.3	925.5	1127.0	1285.8	1449.7	1603.8	1765.5	1929.5	2055.6	2175.5	2279.8
5°	760.4	939.0	1144.4	1309.1	1493.9	1661.9	1818.9	1960.2	2070.8	2189.6	2291.5
2.5°	770.4	947.8	1156.1	1321.8	1510.5	1679.8	1834.3	1970.5	2083.3	2199.7	2304.0
0°	776.5	952.0	1162.1	1329.6	1520.9	1691.5	1843.3	1974.4	2091.6	2204.5	2316.9
-2.5°	779.9	964.7	1166.1	1349.8	1530.9	1701.6	1855.8	1983.8	2106.3	2213.7	2326.3
-5°	779.5	972.3	1165.0	1363.3	1535.7	1705.6	1862.1	1988.0	2114.2	2220.6	2330.2
-7.5°	775.3	974.1	1159.7	1367.6	1535.9	1704.3	1859.3	1990.1	2114.1	2226.9	2330.6
-10°	767.8	967.2	1154.9	1356.6	1530.0	1697.4	1850.9	1985.6	2109.1	2225.6	2328.5
-12.5°	758.9	953.0	1144.8	1340.8	1518.1	1684.4	1838.2	1974.3	2099.9	2216.1	2323.9
-15°	745.5	934.1	1128.1	1320.7	1499.8	1665.6	1821.6	1955.7	2085.7	2199.4	2310.1
-17.5°	727.6	910.7	1104.7	1296.9	1475.3	1641.1	1800.4	1931.2	2060.6	2178.1	2284.9
-20°	705.0	883.0	1074.3	1269.9	1444.1	1608.2	1762.5	1899.5	2028.0	2147.6	2259.8



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 CATALOG NUMBER: GFLD-SA2B-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°
-22.5°	677.6	851.1	1037.7	1233.3	1405.3	1567.5	1719.9	1859.1	1992.2	2107.9	2227.5
-25°	650.2	817.5	997.2	1182.8	1360.1	1521.6	1674.5	1810.1	1946.2	2066.5	2180.1
-27.5°	624.0	778.4	950.3	1127.1	1308.9	1469.6	1621.1	1756.9	1889.0	2020.5	2129.9
-30°	594.6	733.2	898.8	1067.7	1244.9	1408.6	1561.2	1702.0	1827.8	1957.7	2075.1
-32.5°	562.1	685.2	844.4	1006.9	1174.0	1341.3	1492.5	1632.3	1763.2	1886.1	2009.3
-35°	530.3	646.5	786.8	941.6	1098.9	1263.0	1414.3	1552.8	1688.5	1810.3	1928.1
-37.5°	501.7	604.5	725.5	873.4	1023.7	1178.9	1332.9	1466.9	1596.1	1729.9	1844.8
-40°	470.8	559.5	672.5	803.2	944.9	1092.5	1239.8	1378.5	1500.0	1632.2	1758.5
-42.5°	438.4	522.8	620.1	728.8	862.6	1001.8	1144.0	1279.7	1405.8	1530.5	1655.7
-45°	410.1	484.0	566.9	666.2	775.1	906.0	1040.7	1175.9	1297.0	1415.8	1539.4
-47.5°	379.9	445.0	521.6	601.0	695.6	805.1	931.8	1056.5	1180.3	1293.4	1402.8
-50°	349.9	409.8	472.8	544.3	622.4	711.1	816.3	932.3	1045.4	1161.5	1269.9
-52.5°	324.0	372.9	429.8	489.4	556.3	629.7	714.0	809.3	912.1	1010.7	1118.8
-55°	297.1	341.2	387.2	439.6	495.2	557.2	626.4	706.4	784.9	876.1	964.3
-57.5°	272.6	309.8	349.0	392.3	440.6	490.2	550.6	612.9	684.2	755.0	824.9
-60°	249.5	279.9	313.1	349.9	388.7	432.8	477.9	531.4	588.8	645.4	704.6
-62.5°	226.2	251.8	278.9	309.4	343.2	376.6	415.1	456.3	498.5	546.4	593.2
-65°	202.3	223.0	246.0	271.2	298.2	326.6	356.2	386.7	422.6	457.8	491.8
-67.5°	176.9	194.6	213.2	233.1	255.7	278.0	300.3	326.0	352.5	378.5	405.4
-70°	148.7	165.4	180.9	197.0	213.9	231.4	250.4	269.3	287.9	307.4	329.0
-72.5°	120.1	135.4	149.0	161.0	174.8	189.3	203.2	216.5	230.5	245.3	260.0
-75°	95.8	105.9	118.1	129.2	140.2	150.4	159.6	170.8	182.6	193.3	202.1
-77.5°	74.8	84.0	92.3	99.7	108.5	118.7	127.6	135.3	142.8	150.9	159.5
-80°	54.4	62.0	69.6	76.5	81.5	87.3	94.2	102.0	108.8	114.3	119.4
-82.5°	35.1	40.6	46.3	52.0	54.4	56.0	57.4	60.2	64.4	68.5	72.5
-85°	17.5	19.1	22.5	26.1	27.3	28.1	28.7	29.0	30.5	31.8	33.0
-87.5°	8.7	9.5	10.3	11.1	10.7	10.1	9.4	8.6	8.4	8.1	7.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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°	0.5	0.5	0.5	0.5	0.5	0.4	0.3	0.1	0.0	0.0	0.0
85°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.4	0.3
82.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
80°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
77.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
72.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
70°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
67.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.4
65°	0.8	0.8	0.9	0.8	0.7	0.7	0.7	0.7	0.7	0.5	0.4
62.5°	1.5	1.7	1.3	1.3	1.3	1.3	1.2	1.1	1.1	1.0	1.1
60°	9.5	5.6	3.3	3.8	3.4	2.3	2.9	3.4	3.4	3.1	2.8
57.5°	52.8	39.4	29.2	69.7	69.9	33.4	40.2	63.2	52.0	17.1	15.9
55°	146.8	175.6	231.1	219.5	223.1	256.6	280.2	248.0	243.2	259.1	299.3
52.5°	263.8	291.2	309.9	327.3	348.6	371.5	395.0	410.0	424.0	438.9	447.7
50°	336.8	375.4	402.0	392.3	447.3	469.8	446.9	467.3	492.3	499.1	502.3
47.5°	497.3	554.0	565.3	601.8	634.6	633.9	606.0	607.7	681.9	747.3	779.5
45°	714.7	716.7	752.3	816.8	862.9	848.4	887.3	975.8	1005.3	1033.7	1057.1
42.5°	799.4	834.5	891.4	948.5	982.8	1012.7	1041.5	1074.0	1112.2	1143.2	1168.0
40°	881.5	909.7	968.0	1013.9	1042.4	1070.2	1103.8	1139.9	1174.8	1202.1	1220.6
37.5°	1007.7	1029.6	1043.8	1086.4	1140.3	1115.4	1179.1	1224.8	1245.6	1273.3	1275.8
35°	1198.6	1184.0	1165.2	1334.9	1345.1	1287.8	1347.3	1418.1	1380.8	1458.5	1500.3
32.5°	1367.9	1365.7	1513.9	1603.2	1551.8	1593.7	1731.0	1724.9	1816.5	1859.0	1846.9
30°	1527.4	1581.8	1667.5	1734.0	1742.9	1809.0	1869.9	1923.4	1978.7	2028.2	2031.6
27.5°	1608.4	1679.4	1737.6	1776.1	1819.0	1874.5	1929.9	1990.1	2037.1	2068.1	2075.7
25°	1657.4	1729.9	1774.0	1815.4	1862.7	1910.7	1972.7	2038.2	2076.0	2095.1	2101.2
22.5°	1700.6	1765.8	1813.1	1846.7	1897.7	1949.3	2007.0	2062.5	2103.5	2111.9	2115.0
20°	1742.2	1804.7	1883.9	1933.3	1930.8	1989.0	2044.6	2088.7	2122.9	2122.7	2123.5
17.5°	1862.4	1884.7	2028.3	2137.2	2083.3	2054.8	2207.9	2210.8	2219.9	2201.8	2162.7
15°	2040.4	2081.1	2257.4	2375.5	2338.3	2336.4	2557.5	2502.7	2549.9	2537.5	2590.6
12.5°	2229.0	2277.2	2409.0	2524.9	2580.2	2593.8	2667.6	2736.8	2751.0	2745.4	2735.0
10°	2357.5	2426.1	2479.1	2549.5	2605.2	2662.1	2704.9	2754.5	2770.8	2761.4	2748.1
7.5°	2374.2	2442.1	2504.2	2566.0	2619.0	2664.9	2709.3	2749.7	2766.2	2760.8	2751.7
5°	2384.9	2446.3	2506.5	2569.2	2619.9	2662.4	2706.6	2747.6	2757.4	2750.8	2741.9
2.5°	2391.4	2448.3	2506.3	2568.7	2614.9	2655.2	2700.0	2743.8	2743.7	2740.8	2735.6
0°	2394.6	2451.6	2519.0	2575.5	2627.1	2665.3	2709.7	2752.2	2749.1	2741.2	2732.1
-2.5°	2401.4	2459.2	2528.0	2574.8	2633.0	2668.0	2713.8	2750.6	2749.2	2745.3	2740.8
-5°	2407.5	2472.5	2536.8	2586.0	2644.4	2690.2	2735.7	2764.5	2766.1	2760.6	2753.1
-7.5°	2411.2	2483.3	2544.6	2594.1	2650.6	2703.9	2750.1	2780.3	2780.9	2773.8	2764.7
-10°	2410.0	2486.0	2549.2	2600.3	2658.2	2710.8	2759.2	2797.4	2796.2	2789.3	2781.6
-12.5°	2405.4	2481.4	2546.3	2597.6	2663.3	2717.5	2771.8	2809.9	2811.9	2806.8	2798.4
-15°	2395.4	2473.8	2537.0	2593.0	2657.4	2720.7	2776.5	2818.5	2826.0	2821.9	2815.2
-17.5°	2375.6	2458.4	2525.4	2585.7	2647.5	2715.0	2778.5	2824.4	2834.7	2833.0	2827.5
-20°	2349.6	2435.1	2503.1	2566.2	2633.5	2703.1	2777.0	2818.9	2833.8	2834.8	2831.0



REPORT NUMBER: P645361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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°	2320.4	2404.1	2476.2	2538.4	2611.4	2681.7	2748.6	2797.8	2822.7	2827.4	2827.8
-25°	2285.5	2371.4	2443.1	2509.3	2577.2	2649.9	2717.5	2772.4	2797.7	2809.8	2813.5
-27.5°	2236.1	2324.9	2395.4	2465.3	2534.4	2609.5	2680.6	2740.3	2760.9	2777.5	2784.2
-30°	2178.2	2266.1	2338.0	2401.9	2480.9	2557.4	2630.8	2682.9	2713.9	2733.0	2743.4
-32.5°	2111.7	2200.4	2275.8	2342.6	2417.7	2494.2	2563.1	2618.1	2661.0	2682.9	2694.0
-35°	2039.5	2130.1	2209.0	2279.3	2350.1	2423.0	2494.5	2552.0	2600.8	2619.6	2633.5
-37.5°	1952.5	2052.4	2133.4	2205.8	2273.0	2341.6	2416.0	2481.8	2529.2	2547.5	2562.1
-40°	1863.2	1959.8	2041.5	2118.8	2185.2	2260.0	2331.7	2400.6	2441.7	2463.1	2479.7
-42.5°	1769.0	1856.2	1933.9	2009.0	2083.0	2160.0	2231.7	2303.2	2338.8	2364.5	2384.9
-45°	1660.2	1741.4	1816.9	1887.1	1963.4	2039.2	2110.9	2174.1	2216.4	2249.9	2276.0
-47.5°	1515.1	1614.1	1689.8	1756.7	1832.3	1905.4	1974.9	2034.4	2080.8	2119.9	2150.2
-50°	1367.8	1462.8	1548.2	1623.4	1693.5	1761.1	1827.3	1885.4	1934.5	1977.0	2007.6
-52.5°	1222.8	1311.7	1396.5	1474.1	1541.5	1605.4	1665.9	1724.4	1776.2	1821.6	1851.2
-55°	1058.9	1151.0	1234.9	1307.2	1374.6	1437.7	1497.5	1553.0	1604.0	1650.2	1678.6
-57.5°	905.2	986.0	1064.0	1130.8	1194.4	1254.4	1311.1	1364.2	1413.3	1456.8	1484.2
-60°	763.9	822.8	890.0	951.6	1008.0	1059.1	1111.9	1161.5	1206.6	1244.8	1270.3
-62.5°	639.0	687.8	736.3	783.1	828.8	874.8	919.0	960.1	997.8	1029.1	1051.5
-65°	527.6	566.9	602.0	635.2	666.8	703.0	736.7	768.3	797.6	821.7	838.7
-67.5°	434.5	462.0	486.3	509.1	534.1	559.7	583.7	604.6	622.5	636.7	648.0
-70°	350.3	370.6	388.9	407.1	425.4	442.0	457.9	473.3	487.9	499.8	508.7
-72.5°	274.4	288.2	300.7	314.7	327.8	340.4	351.4	360.3	367.2	373.9	379.8
-75°	209.2	219.6	233.6	245.5	255.3	264.0	271.9	279.0	285.2	290.7	295.6
-77.5°	168.2	177.1	186.0	194.7	203.1	209.3	215.1	220.8	226.5	231.4	235.7
-80°	124.7	131.3	138.2	145.1	152.1	155.5	158.2	160.8	163.0	165.9	168.6
-82.5°	76.3	80.0	83.8	87.7	91.6	92.6	92.9	92.8	92.3	91.3	89.7
-85°	33.9	34.2	34.1	33.7	33.0	31.7	30.0	28.1	26.0	25.6	25.2
-87.5°	7.5	7.3	7.1	6.9	6.6	6.6	6.6	6.5	6.5	6.7	6.9
-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: P645361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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	0.3	0.4	0.6	0.6
82.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
80°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
77.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
72.5°	0.6	0.6	0.3	0.0	0.3	0.6	0.6	0.6	0.6	0.6	0.6
70°	0.6	0.6	0.3	0.0	0.3	0.6	0.6	0.6	0.6	0.6	0.6
67.5°	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.5	0.6	0.6
65°	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.5	0.7	0.7
62.5°	1.1	1.1	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.1	1.1
60°	2.2	1.4	1.2	1.2	1.2	1.4	2.2	2.8	3.1	3.4	3.4
57.5°	13.4	10.0	8.5	7.9	8.5	10.0	13.4	15.9	17.1	52.0	63.2
55°	328.1	344.8	357.3	363.1	357.3	344.8	328.1	299.3	259.1	243.2	248.0
52.5°	455.6	462.8	467.0	466.9	467.0	462.8	455.6	447.7	438.9	424.0	410.0
50°	507.8	511.3	512.6	511.8	512.6	511.3	507.8	502.3	499.1	492.3	467.3
47.5°	750.1	685.2	637.4	626.0	637.4	685.2	750.1	779.5	747.3	681.9	607.7
45°	1068.3	1092.9	1117.4	1125.0	1117.4	1092.9	1068.3	1057.1	1033.7	1005.3	975.8
42.5°	1178.5	1186.5	1191.0	1191.2	1191.0	1186.5	1178.5	1168.0	1143.2	1112.2	1074.0
40°	1231.0	1238.6	1243.0	1243.0	1243.0	1238.6	1231.0	1220.6	1202.1	1174.8	1139.9
37.5°	1278.8	1285.3	1289.5	1293.8	1289.5	1285.3	1278.8	1275.8	1273.3	1245.6	1224.8
35°	1494.7	1445.8	1375.5	1386.1	1375.5	1445.8	1494.7	1500.3	1458.5	1380.8	1418.1
32.5°	1865.8	1886.4	1899.2	1921.0	1899.2	1886.4	1865.8	1846.9	1859.0	1816.5	1724.9
30°	2037.0	2043.8	2054.1	2064.9	2054.1	2043.8	2037.0	2031.6	2028.2	1978.7	1923.4
27.5°	2079.7	2086.7	2093.0	2097.7	2093.0	2086.7	2079.7	2075.7	2068.1	2037.1	1990.1
25°	2102.1	2106.5	2113.1	2118.9	2113.1	2106.5	2102.1	2101.2	2095.1	2076.0	2038.2
22.5°	2113.2	2113.7	2118.8	2126.2	2118.8	2113.7	2113.2	2115.0	2111.9	2103.5	2062.5
20°	2120.8	2116.7	2122.1	2126.8	2122.1	2116.7	2120.8	2123.5	2122.7	2122.9	2088.7
17.5°	2217.9	2162.5	2139.7	2140.2	2139.7	2162.5	2217.9	2162.7	2201.8	2219.9	2210.8
15°	2531.0	2551.8	2631.4	2674.5	2631.4	2551.8	2531.0	2590.6	2537.5	2549.9	2502.7
12.5°	2733.1	2725.7	2716.2	2729.1	2716.2	2725.7	2733.1	2735.0	2745.4	2751.0	2736.8
10°	2742.5	2741.6	2724.7	2743.1	2724.7	2741.6	2742.5	2748.1	2761.4	2770.8	2754.5
7.5°	2736.7	2737.2	2730.0	2747.9	2730.0	2737.2	2736.7	2751.7	2760.8	2766.2	2749.7
5°	2740.5	2728.1	2732.8	2743.1	2732.8	2728.1	2740.5	2741.9	2750.8	2757.4	2747.6
2.5°	2729.9	2728.6	2719.5	2726.7	2719.5	2728.6	2729.9	2735.6	2740.8	2743.7	2743.8
0°	2721.8	2715.1	2715.1	2721.2	2715.1	2715.1	2721.8	2732.1	2741.2	2749.1	2752.2
-2.5°	2736.2	2734.8	2733.9	2729.7	2733.9	2734.8	2736.2	2740.8	2745.3	2749.2	2750.6
-5°	2748.0	2744.4	2734.4	2747.9	2734.4	2744.4	2748.0	2753.1	2760.6	2766.1	2764.5
-7.5°	2760.6	2751.5	2742.0	2763.1	2742.0	2751.5	2760.6	2764.7	2773.8	2780.9	2780.3
-10°	2772.3	2758.9	2749.7	2770.4	2749.7	2758.9	2772.3	2781.6	2789.3	2796.2	2797.4
-12.5°	2787.6	2772.0	2765.9	2777.1	2765.9	2772.0	2787.6	2798.4	2806.8	2811.9	2809.9
-15°	2803.9	2793.2	2791.8	2798.3	2791.8	2793.2	2803.9	2815.2	2821.9	2826.0	2818.5
-17.5°	2818.3	2810.7	2814.5	2822.0	2814.5	2810.7	2818.3	2827.5	2833.0	2834.7	2824.4
-20°	2825.2	2820.9	2825.1	2843.8	2825.1	2820.9	2825.2	2831.0	2834.8	2833.8	2818.9



REPORT NUMBER: P645361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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°	2824.6	2824.8	2832.2	2838.4	2832.2	2824.8	2824.6	2827.8	2827.4	2822.7	2797.8
-25°	2813.8	2819.5	2828.0	2840.2	2828.0	2819.5	2813.8	2813.5	2809.8	2797.7	2772.4
-27.5°	2787.8	2797.2	2806.1	2819.0	2806.1	2797.2	2787.8	2784.2	2777.5	2760.9	2740.3
-30°	2750.2	2761.4	2769.4	2783.1	2769.4	2761.4	2750.2	2743.4	2733.0	2713.9	2682.9
-32.5°	2704.5	2717.2	2726.6	2736.4	2726.6	2717.2	2704.5	2694.0	2682.9	2661.0	2618.1
-35°	2647.3	2660.9	2671.0	2679.9	2671.0	2660.9	2647.3	2633.5	2619.6	2600.8	2552.0
-37.5°	2578.6	2593.3	2604.7	2615.0	2604.7	2593.3	2578.6	2562.1	2547.5	2529.2	2481.8
-40°	2498.6	2513.7	2525.8	2537.2	2525.8	2513.7	2498.6	2479.7	2463.1	2441.7	2400.6
-42.5°	2405.0	2420.3	2432.8	2444.3	2432.8	2420.3	2405.0	2384.9	2364.5	2338.8	2303.2
-45°	2297.0	2312.6	2325.9	2338.1	2325.9	2312.6	2297.0	2276.0	2249.9	2216.4	2174.1
-47.5°	2172.5	2189.3	2200.7	2206.4	2200.7	2189.3	2172.5	2150.2	2119.9	2080.8	2034.4
-50°	2029.9	2046.7	2060.3	2070.4	2060.3	2046.7	2029.9	2007.6	1977.0	1934.5	1885.4
-52.5°	1872.9	1888.9	1900.6	1907.6	1900.6	1888.9	1872.9	1851.2	1821.6	1776.2	1724.4
-55°	1701.0	1717.7	1728.8	1734.0	1728.8	1717.7	1701.0	1678.6	1650.2	1604.0	1553.0
-57.5°	1505.9	1521.8	1533.6	1540.3	1533.6	1521.8	1505.9	1484.2	1456.8	1413.3	1364.2
-60°	1290.2	1304.5	1313.4	1316.9	1313.4	1304.5	1290.2	1270.3	1244.8	1206.6	1161.5
-62.5°	1069.6	1083.0	1091.4	1094.7	1091.4	1083.0	1069.6	1051.5	1029.1	997.8	960.1
-65°	851.4	859.8	864.5	865.2	864.5	859.8	851.4	838.7	821.7	797.6	768.3
-67.5°	656.9	663.3	667.2	668.5	667.2	663.3	656.9	648.0	636.7	622.5	604.6
-70°	515.4	519.9	522.3	522.7	522.3	519.9	515.4	508.7	499.8	487.9	473.3
-72.5°	384.3	387.4	386.3	383.7	386.3	387.4	384.3	379.8	373.9	367.2	360.3
-75°	299.8	303.3	301.8	299.3	301.8	303.3	299.8	295.6	290.7	285.2	279.0
-77.5°	239.5	242.7	241.1	238.6	241.1	242.7	239.5	235.7	231.4	226.5	220.8
-80°	171.0	172.8	174.2	174.9	174.2	172.8	171.0	168.6	165.9	163.0	160.8
-82.5°	87.5	85.0	83.3	81.4	83.3	85.0	87.5	89.7	91.3	92.3	92.8
-85°	24.8	24.2	24.6	24.9	24.6	24.2	24.8	25.2	25.6	26.0	28.1
-87.5°	7.1	7.3	7.3	7.3	7.3	7.3	7.1	6.9	6.7	6.5	6.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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°	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4
85°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
82.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
80°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
77.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
72.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
70°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7
67.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7
65°	0.7	0.7	0.7	0.8	0.9	0.8	0.8	0.9	0.9	0.8	0.8
62.5°	1.2	1.3	1.3	1.3	1.3	1.7	1.5	1.5	1.4	1.7	2.4
60°	2.9	2.3	3.4	3.8	3.3	5.6	9.5	8.6	2.5	13.7	15.9
57.5°	40.2	33.4	69.9	69.7	29.2	39.4	52.8	34.8	22.7	38.9	51.4
55°	280.2	256.6	223.1	219.5	231.1	175.6	146.8	141.3	110.6	71.9	85.4
52.5°	395.0	371.5	348.6	327.3	309.9	291.2	263.8	234.1	224.6	180.9	139.5
50°	446.9	469.8	447.3	392.3	402.0	375.4	336.8	305.3	311.8	285.0	229.8
47.5°	606.0	633.9	634.6	601.8	565.3	554.0	497.3	398.8	405.4	404.3	345.8
45°	887.3	848.4	862.9	816.8	752.3	716.7	714.7	609.4	511.8	495.9	490.2
42.5°	1041.5	1012.7	982.8	948.5	891.4	834.5	799.4	740.2	661.7	592.2	567.6
40°	1103.8	1070.2	1042.4	1013.9	968.0	909.7	881.5	803.6	744.7	684.5	664.5
37.5°	1179.1	1115.4	1140.3	1086.4	1043.8	1029.6	1007.7	926.7	796.0	785.0	774.8
35°	1347.3	1287.8	1345.1	1334.9	1165.2	1184.0	1198.6	1099.1	962.2	888.0	889.6
32.5°	1731.0	1593.7	1551.8	1603.2	1513.9	1365.7	1367.9	1337.6	1150.8	1042.8	995.6
30°	1869.9	1809.0	1742.9	1734.0	1667.5	1581.8	1527.4	1454.6	1318.6	1195.4	1114.4
27.5°	1929.9	1874.5	1819.0	1776.1	1737.6	1679.4	1608.4	1522.8	1426.1	1315.7	1237.0
25°	1972.7	1910.7	1862.7	1815.4	1774.0	1729.9	1657.4	1574.0	1483.8	1394.7	1310.3
22.5°	2007.0	1949.3	1897.7	1846.7	1813.1	1765.8	1700.6	1614.5	1553.9	1497.3	1387.5
20°	2044.6	1989.0	1930.8	1933.3	1883.9	1804.7	1742.2	1699.3	1691.0	1627.3	1485.5
17.5°	2207.9	2054.8	2083.3	2137.2	2028.3	1884.7	1862.4	1864.8	1838.4	1779.3	1602.9
15°	2557.5	2336.4	2338.3	2375.5	2257.4	2081.1	2040.4	2035.5	1994.0	1928.5	1727.0
12.5°	2667.6	2593.8	2580.2	2524.9	2409.0	2277.2	2229.0	2202.9	2126.9	2000.2	1816.2
10°	2704.9	2662.1	2605.2	2549.5	2479.1	2426.1	2357.5	2262.5	2154.6	2032.4	1882.6
7.5°	2709.3	2664.9	2619.0	2566.0	2504.2	2442.1	2374.2	2279.8	2175.5	2055.6	1929.5
5°	2706.6	2662.4	2619.9	2569.2	2506.5	2446.3	2384.9	2291.5	2189.6	2070.8	1960.2
2.5°	2700.0	2655.2	2614.9	2568.7	2506.3	2448.3	2391.4	2304.0	2199.7	2083.3	1970.5
0°	2709.7	2665.3	2627.1	2575.5	2519.0	2451.6	2394.6	2316.9	2204.5	2091.6	1974.4
-2.5°	2713.8	2668.0	2633.0	2574.8	2528.0	2459.2	2401.4	2326.3	2213.7	2106.3	1983.8
-5°	2735.7	2690.2	2644.4	2586.0	2536.8	2472.5	2407.5	2330.2	2220.6	2114.2	1988.0
-7.5°	2750.1	2703.9	2650.6	2594.1	2544.6	2483.3	2411.2	2330.6	2226.9	2114.1	1990.1
-10°	2759.2	2710.8	2658.2	2600.3	2549.2	2486.0	2410.0	2328.5	2225.6	2109.1	1985.6
-12.5°	2771.8	2717.5	2663.3	2597.6	2546.3	2481.4	2405.4	2323.9	2216.1	2099.9	1974.3
-15°	2776.5	2720.7	2657.4	2593.0	2537.0	2473.8	2395.4	2310.1	2199.4	2085.7	1955.7
-17.5°	2778.5	2715.0	2647.5	2585.7	2525.4	2458.4	2375.6	2284.9	2178.1	2060.6	1931.2
-20°	2777.0	2703.1	2633.5	2566.2	2503.1	2435.1	2349.6	2259.8	2147.6	2028.0	1899.5



REPORT NUMBER: P645361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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°	2748.6	2681.7	2611.4	2538.4	2476.2	2404.1	2320.4	2227.5	2107.9	1992.2	1859.1
-25°	2717.5	2649.9	2577.2	2509.3	2443.1	2371.4	2285.5	2180.1	2066.5	1946.2	1810.1
-27.5°	2680.6	2609.5	2534.4	2465.3	2395.4	2324.9	2236.1	2129.9	2020.5	1889.0	1756.9
-30°	2630.8	2557.4	2480.9	2401.9	2338.0	2266.1	2178.2	2075.1	1957.7	1827.8	1702.0
-32.5°	2563.1	2494.2	2417.7	2342.6	2275.8	2200.4	2111.7	2009.3	1886.1	1763.2	1632.3
-35°	2494.5	2423.0	2350.1	2279.3	2209.0	2130.1	2039.5	1928.1	1810.3	1688.5	1552.8
-37.5°	2416.0	2341.6	2273.0	2205.8	2133.4	2052.4	1952.5	1844.8	1729.9	1596.1	1466.9
-40°	2331.7	2260.0	2185.2	2118.8	2041.5	1959.8	1863.2	1758.5	1632.2	1500.0	1378.5
-42.5°	2231.7	2160.0	2083.0	2009.0	1933.9	1856.2	1769.0	1655.7	1530.5	1405.8	1279.7
-45°	2110.9	2039.2	1963.4	1887.1	1816.9	1741.4	1660.2	1539.4	1415.8	1297.0	1175.9
-47.5°	1974.9	1905.4	1832.3	1756.7	1689.8	1614.1	1515.1	1402.8	1293.4	1180.3	1056.5
-50°	1827.3	1761.1	1693.5	1623.4	1548.2	1462.8	1367.8	1269.9	1161.5	1045.4	932.3
-52.5°	1665.9	1605.4	1541.5	1474.1	1396.5	1311.7	1222.8	1118.8	1010.7	912.1	809.3
-55°	1497.5	1437.7	1374.6	1307.2	1234.9	1151.0	1058.9	964.3	876.1	784.9	706.4
-57.5°	1311.1	1254.4	1194.4	1130.8	1064.0	986.0	905.2	824.9	755.0	684.2	612.9
-60°	1111.9	1059.1	1008.0	951.6	890.0	822.8	763.9	704.6	645.4	588.8	531.4
-62.5°	919.0	874.8	828.8	783.1	736.3	687.8	639.0	593.2	546.4	498.5	456.3
-65°	736.7	703.0	666.8	635.2	602.0	566.9	527.6	491.8	457.8	422.6	386.7
-67.5°	583.7	559.7	534.1	509.1	486.3	462.0	434.5	405.4	378.5	352.5	326.0
-70°	457.9	442.0	425.4	407.1	388.9	370.6	350.3	329.0	307.4	287.9	269.3
-72.5°	351.4	340.4	327.8	314.7	300.7	288.2	274.4	260.0	245.3	230.5	216.5
-75°	271.9	264.0	255.3	245.5	233.6	219.6	209.2	202.1	193.3	182.6	170.8
-77.5°	215.1	209.3	203.1	194.7	186.0	177.1	168.2	159.5	150.9	142.8	135.3
-80°	158.2	155.5	152.1	145.1	138.2	131.3	124.7	119.4	114.3	108.8	102.0
-82.5°	92.9	92.6	91.6	87.7	83.8	80.0	76.3	72.5	68.5	64.4	60.2
-85°	30.0	31.7	33.0	33.7	34.1	34.2	33.9	33.0	31.8	30.5	29.0
-87.5°	6.6	6.6	6.6	6.9	7.1	7.3	7.5	7.8	8.1	8.4	8.6
-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: P645361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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°	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
85°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.6	0.6
82.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.8	0.9	1.0
80°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.8	0.9	1.1
77.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.8	0.9	1.1
75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.8	0.9	1.1
72.5°	0.6	0.6	0.6	0.7	0.8	0.8	0.7	0.7	0.8	1.0	1.1
70°	0.7	0.6	0.6	0.7	0.8	1.0	0.9	1.0	0.8	1.0	1.1
67.5°	0.9	0.9	0.8	0.8	0.9	1.0	1.2	1.4	1.3	1.0	1.1
65°	0.9	1.1	1.3	1.7	1.5	1.0	1.2	2.4	1.9	1.6	1.1
62.5°	2.0	1.1	3.8	5.1	2.9	2.3	1.8	5.3	3.3	2.2	1.6
60°	4.8	3.9	10.7	17.1	12.0	4.0	5.9	9.2	8.4	2.9	2.3
57.5°	44.5	15.3	22.2	32.1	31.5	17.1	12.5	16.6	14.3	8.2	3.2
55°	95.0	80.0	52.8	48.4	52.2	42.2	27.5	26.9	22.1	15.3	5.2
52.5°	130.4	136.1	118.5	82.8	72.1	68.6	53.6	39.1	34.7	23.0	13.3
50°	188.8	175.8	174.0	146.1	101.1	91.4	79.1	61.0	48.7	32.9	22.5
47.5°	266.7	234.2	217.0	204.5	161.2	116.6	103.8	83.5	64.1	47.4	32.1
45°	381.1	302.8	269.5	249.1	220.9	164.0	129.9	105.2	83.5	63.6	42.2
42.5°	496.0	391.5	329.4	296.5	267.2	217.5	157.9	130.4	102.5	80.1	54.9
40°	597.4	482.9	392.4	350.1	312.6	269.2	203.1	157.3	121.0	97.1	69.4
37.5°	719.5	587.0	464.9	406.3	361.0	312.3	249.0	185.3	143.4	114.9	83.9
35°	837.6	721.8	546.0	474.1	414.8	356.6	293.2	218.5	170.8	133.0	98.5
32.5°	964.4	848.6	668.4	549.8	470.6	401.8	334.5	258.9	198.4	151.3	113.0
30°	1064.2	932.1	775.9	625.7	531.2	452.3	375.7	297.6	226.0	169.8	127.6
27.5°	1117.2	1004.3	860.7	710.2	599.5	504.0	418.2	334.7	253.6	190.2	142.8
25°	1171.9	1055.1	921.4	784.0	666.9	558.8	460.5	370.0	283.7	213.1	157.9
22.5°	1237.4	1098.4	972.5	842.6	736.5	614.4	504.9	405.7	313.9	235.6	172.7
20°	1303.2	1138.6	1022.9	922.3	804.7	674.5	551.3	440.5	342.3	257.5	187.2
17.5°	1372.2	1211.5	1108.6	1000.0	872.7	732.7	597.0	474.3	369.0	278.7	201.3
15°	1492.3	1320.7	1194.8	1075.6	940.4	788.7	641.6	506.7	393.8	299.1	214.4
12.5°	1601.4	1422.4	1281.2	1148.8	1006.9	842.1	684.6	537.6	416.9	315.3	226.1
10°	1691.6	1516.6	1366.5	1219.0	1071.5	892.5	725.6	562.8	430.7	327.4	236.9
7.5°	1765.5	1603.8	1449.7	1285.8	1127.0	925.5	746.3	577.4	441.4	337.7	246.7
5°	1818.9	1661.9	1493.9	1309.1	1144.4	939.0	760.4	589.3	450.1	346.3	255.5
2.5°	1834.3	1679.8	1510.5	1321.8	1156.1	947.8	770.4	598.4	456.7	353.3	263.4
0°	1843.3	1691.5	1520.9	1329.6	1162.1	952.0	776.5	604.7	461.4	358.8	270.2
-2.5°	1855.8	1701.6	1530.9	1349.8	1166.1	964.7	779.9	608.8	467.4	360.8	274.2
-5°	1862.1	1705.6	1535.7	1363.3	1165.0	972.3	779.5	610.1	471.2	361.5	277.1
-7.5°	1859.3	1704.3	1535.9	1367.6	1159.7	974.1	775.3	608.7	472.8	361.0	278.9
-10°	1850.9	1697.4	1530.0	1356.6	1154.9	967.2	767.8	604.9	471.9	359.4	279.6
-12.5°	1838.2	1684.4	1518.1	1340.8	1144.8	953.0	758.9	598.2	468.1	356.9	279.1
-15°	1821.6	1665.6	1499.8	1320.7	1128.1	934.1	745.5	588.6	460.7	354.1	277.5
-17.5°	1800.4	1641.1	1475.3	1296.9	1104.7	910.7	727.6	576.1	451.4	350.7	274.1
-20°	1762.5	1608.2	1444.1	1269.9	1074.3	883.0	705.0	560.6	440.3	345.8	269.3



REPORT NUMBER: P645361 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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°	1719.9	1567.5	1405.3	1233.3	1037.7	851.1	677.6	542.2	427.6	339.4	263.6
-25°	1674.5	1521.6	1360.1	1182.8	997.2	817.5	650.2	521.0	413.2	331.5	257.0
-27.5°	1621.1	1469.6	1308.9	1127.1	950.3	778.4	624.0	502.2	399.3	322.1	249.4
-30°	1561.2	1408.6	1244.9	1067.7	898.8	733.2	594.6	482.1	387.6	311.8	241.0
-32.5°	1492.5	1341.3	1174.0	1006.9	844.4	685.2	562.1	460.5	374.0	300.9	233.1
-35°	1414.3	1263.0	1098.9	941.6	786.8	646.5	530.3	437.7	358.6	289.1	224.9
-37.5°	1332.9	1178.9	1023.7	873.4	725.5	604.5	501.7	415.2	341.5	276.5	215.8
-40°	1239.8	1092.5	944.9	803.2	672.5	559.5	470.8	393.0	325.2	263.0	205.9
-42.5°	1144.0	1001.8	862.6	728.8	620.1	522.8	438.4	369.0	308.0	250.1	195.1
-45°	1040.7	906.0	775.1	666.2	566.9	484.0	410.1	344.2	289.7	236.8	184.0
-47.5°	931.8	805.1	695.6	601.0	521.6	445.0	379.9	322.7	270.5	222.5	172.8
-50°	816.3	711.1	622.4	544.3	472.8	409.8	349.9	300.2	252.9	206.8	161.1
-52.5°	714.0	629.7	556.3	489.4	429.8	372.9	324.0	277.1	234.8	191.7	148.9
-55°	626.4	557.2	495.2	439.6	387.2	341.2	297.1	256.6	216.1	176.7	136.5
-57.5°	550.6	490.2	440.6	392.3	349.0	309.8	272.6	235.7	198.2	161.0	126.7
-60°	477.9	432.8	388.7	349.9	313.1	279.9	249.5	214.8	180.2	145.4	115.9
-62.5°	415.1	376.6	343.2	309.4	278.9	251.8	226.2	194.3	161.6	131.0	104.1
-65°	356.2	326.6	298.2	271.2	246.0	223.0	202.3	173.3	143.1	115.7	91.8
-67.5°	300.3	278.0	255.7	233.1	213.2	194.6	176.9	150.7	123.6	99.6	79.7
-70°	250.4	231.4	213.9	197.0	180.9	165.4	148.7	126.6	103.4	85.1	67.2
-72.5°	203.2	189.3	174.8	161.0	149.0	135.4	120.1	102.9	86.5	70.4	54.5
-75°	159.6	150.4	140.2	129.2	118.1	105.9	95.8	83.7	69.5	55.4	43.9
-77.5°	127.6	118.7	108.5	99.7	92.3	84.0	74.8	64.3	53.0	43.1	33.9
-80°	94.2	87.3	81.5	76.5	69.6	62.0	54.4	46.8	38.5	30.9	23.8
-82.5°	57.4	56.0	54.4	52.0	46.3	40.6	35.1	29.7	23.8	18.4	15.3
-85°	28.7	28.1	27.3	26.1	22.5	19.1	17.5	15.9	13.9	12.0	10.2
-87.5°	9.4	10.1	10.7	11.1	10.3	9.5	8.7	7.9	7.0	6.0	5.1
-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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Scaled Data Report



REPORT NUMBER: P645361 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2B-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°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
85°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
82.5°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
80°	1.2	1.0	0.8	0.6	0.4	0.3	0.0
77.5°	1.2	1.2	1.0	0.8	0.5	0.3	0.0
75°	1.2	1.2	1.2	0.9	0.6	0.4	0.0
72.5°	1.2	1.3	1.3	1.1	0.7	0.5	0.0
70°	1.3	1.3	1.3	1.2	0.8	0.5	0.0
67.5°	1.4	1.4	1.4	1.3	1.0	0.6	0.0
65°	1.6	1.6	1.4	1.3	1.1	0.6	0.0
62.5°	1.9	2.0	1.5	1.4	1.2	0.7	0.0
60°	2.2	2.4	1.6	1.5	1.3	0.8	0.0
57.5°	4.1	2.9	2.0	1.5	1.3	0.8	0.0
55°	6.6	3.4	2.6	1.6	1.4	0.9	0.0
52.5°	9.5	4.4	3.1	1.6	1.5	1.0	0.0
50°	12.8	7.5	3.7	1.7	1.6	1.0	0.0
47.5°	17.2	10.9	4.2	1.9	1.6	1.1	0.0
45°	26.0	14.5	4.8	2.3	1.7	1.1	0.0
42.5°	34.9	18.3	5.5	2.8	1.8	1.2	0.0
40°	44.1	22.3	7.4	3.4	1.8	1.2	0.0
37.5°	53.5	26.6	10.5	4.1	1.9	1.3	0.0
35°	62.9	33.0	13.8	4.9	2.0	1.3	0.0
32.5°	73.2	40.5	17.0	5.8	2.1	1.4	0.0
30°	85.0	47.9	20.3	6.8	2.2	1.4	0.0
27.5°	96.5	55.3	24.3	7.8	2.2	1.5	0.0
25°	107.8	62.5	28.5	8.9	2.3	1.5	0.0
22.5°	118.7	69.9	32.6	10.0	2.4	1.6	0.0
20°	129.3	77.8	36.7	11.2	2.5	1.6	0.0
17.5°	139.7	85.4	40.8	12.4	2.5	1.6	0.0
15°	149.8	92.8	44.7	13.5	2.6	1.7	0.0
12.5°	159.2	99.8	48.5	14.7	2.7	1.7	0.0
10°	167.9	106.4	52.2	15.9	2.8	1.7	0.0
7.5°	175.9	112.6	55.6	17.0	2.8	1.7	0.0
5°	183.2	118.3	58.8	18.1	2.9	1.8	0.0
2.5°	189.7	123.5	61.8	19.1	2.9	1.8	0.0
0°	195.5	128.1	64.4	20.0	3.0	1.8	0.0
-2.5°	198.4	131.0	66.8	21.3	3.5	1.9	0.0
-5°	200.5	133.3	68.9	22.5	3.9	2.0	0.0
-7.5°	201.8	135.0	70.6	23.6	4.4	2.1	0.0
-10°	202.4	136.0	71.9	24.5	4.8	2.2	0.0
-12.5°	202.3	136.5	72.8	25.3	5.3	2.3	0.0
-15°	201.5	136.3	73.2	25.9	5.7	2.4	0.0
-17.5°	200.0	135.4	73.1	26.4	6.0	2.4	0.0
-20°	197.7	134.0	72.6	26.7	6.4	2.5	0.0

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REPORT NUMBER: P645361 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2B-735-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	194.4	132.0	71.6	26.8	6.7	2.5	0.0
-25°	190.3	128.8	70.0	26.6	6.9	2.6	0.0
-27.5°	185.5	124.8	68.0	26.3	7.2	2.6	0.0
-30°	179.9	120.3	65.4	25.8	7.4	2.6	0.0
-32.5°	173.5	115.3	62.5	25.0	7.5	2.6	0.0
-35°	166.7	109.7	59.2	24.1	7.6	2.6	0.0
-37.5°	159.3	104.2	55.5	22.9	7.7	2.6	0.0
-40°	151.3	99.1	51.6	21.4	7.7	2.6	0.0
-42.5°	142.9	93.7	48.5	19.9	7.6	2.5	0.0
-45°	133.8	87.9	46.5	18.3	7.6	2.5	0.0
-47.5°	124.3	81.8	44.1	16.6	7.4	2.4	0.0
-50°	116.3	75.4	41.3	16.0	7.2	2.4	0.0
-52.5°	108.3	68.7	38.1	15.7	7.0	2.3	0.0
-55°	100.0	63.6	34.7	15.2	6.7	2.2	0.0
-57.5°	91.4	58.4	30.8	14.5	6.4	2.1	0.0
-60°	82.7	52.8	26.8	13.7	6.0	2.0	0.0
-62.5°	74.7	46.7	24.9	12.7	5.7	1.8	0.0
-65°	66.2	40.2	22.8	11.6	5.3	1.7	0.0
-67.5°	57.1	34.7	20.3	10.4	4.8	1.6	0.0
-70°	47.5	30.4	17.7	9.0	4.4	1.4	0.0
-72.5°	40.2	25.7	14.8	7.9	3.9	1.2	0.0
-75°	32.8	20.8	11.8	6.9	3.4	1.1	0.0
-77.5°	25.2	15.6	9.8	5.8	2.8	0.9	0.0
-80°	17.2	11.9	7.9	4.7	2.3	0.7	0.0
-82.5°	12.6	9.0	6.0	3.5	1.7	0.6	0.0
-85°	8.5	6.0	4.0	2.4	1.2	0.4	0.0
-87.5°	4.2	3.0	2.0	1.2	0.6	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)