

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



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P645379 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-722-U-LAM-VSR-XX**

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-08
Report Number: P645379 (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: 2/28/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2D-722-U-LAM-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (32) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

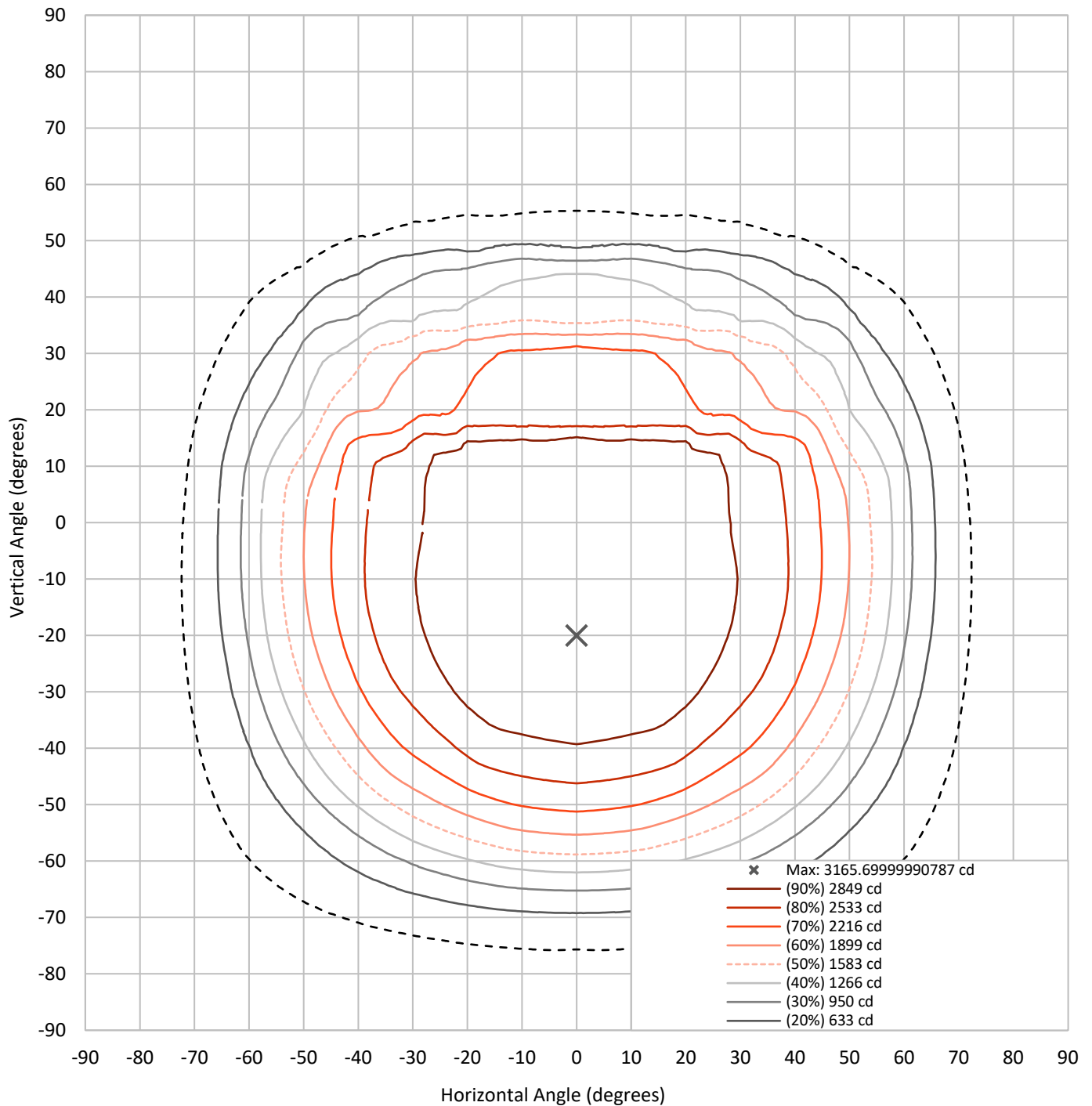
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	7422.9 lumens	Max Intensity:	3165.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	68.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	5802.7 lumens	Field Lumens:	7275.4 lumens
Beam Efficiency:	78.2%	Field Efficiency:	98.0%
Input Watts (W):	108.7		
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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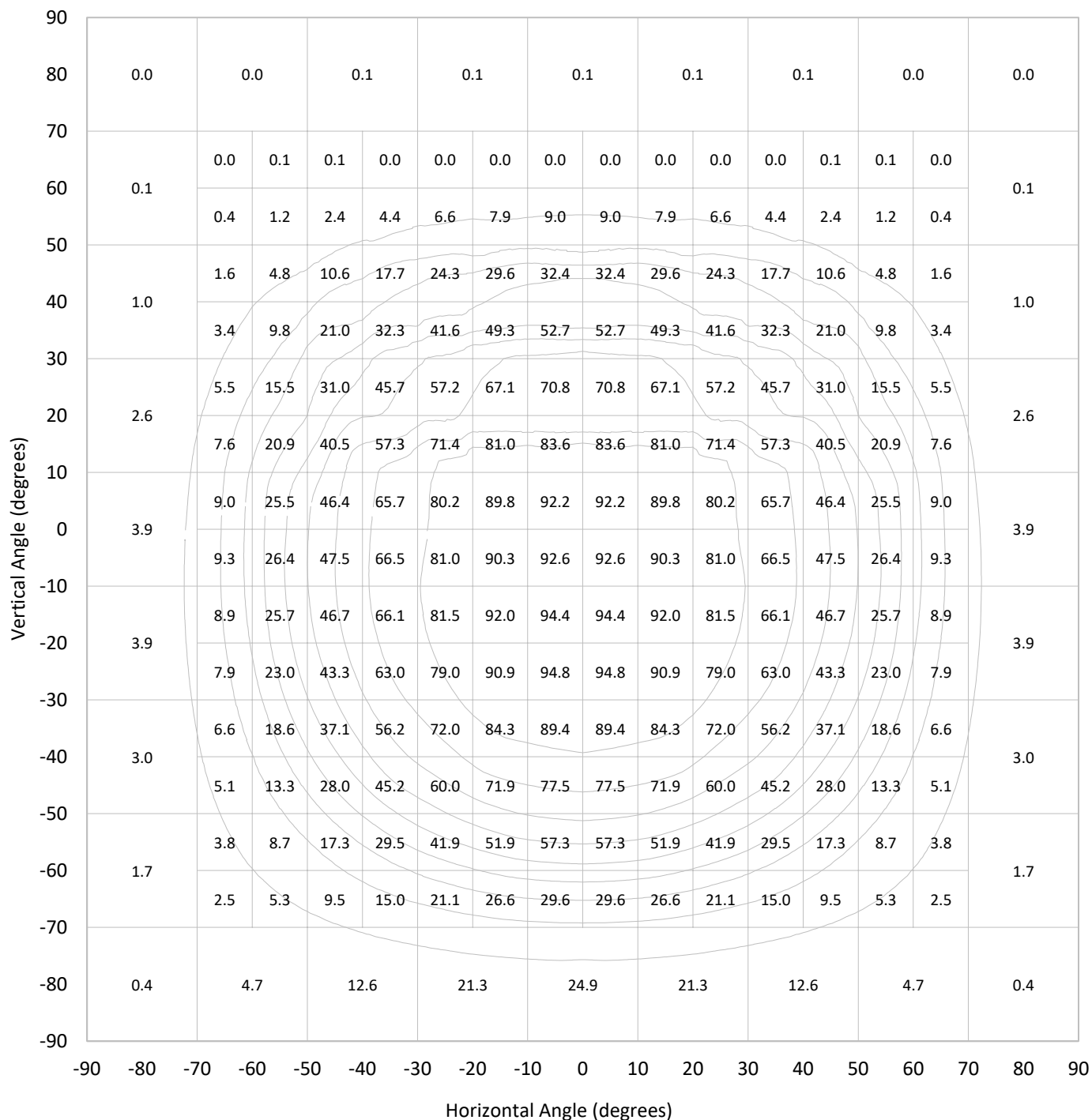
Iso-Candela Plot





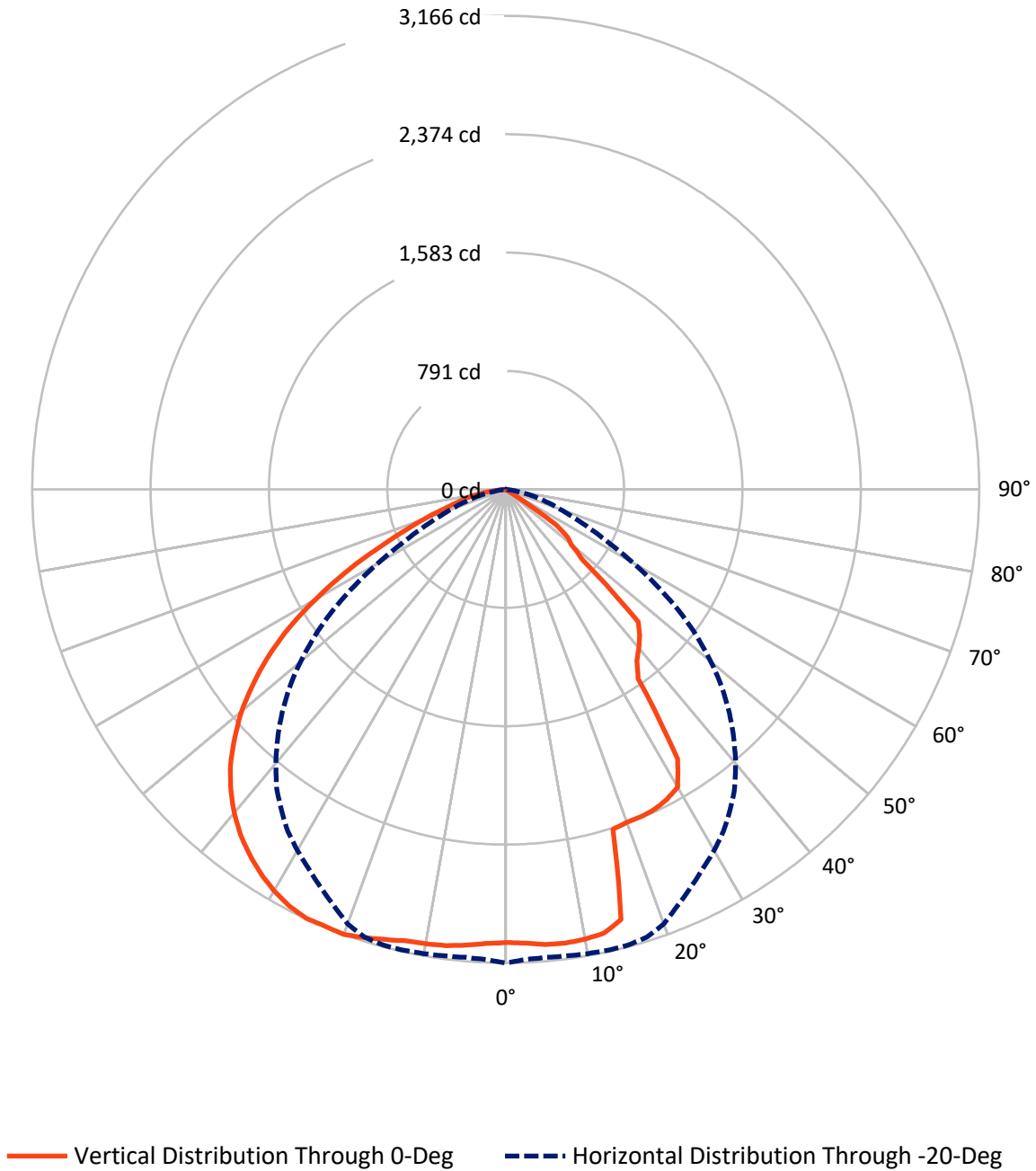
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Lumen Table



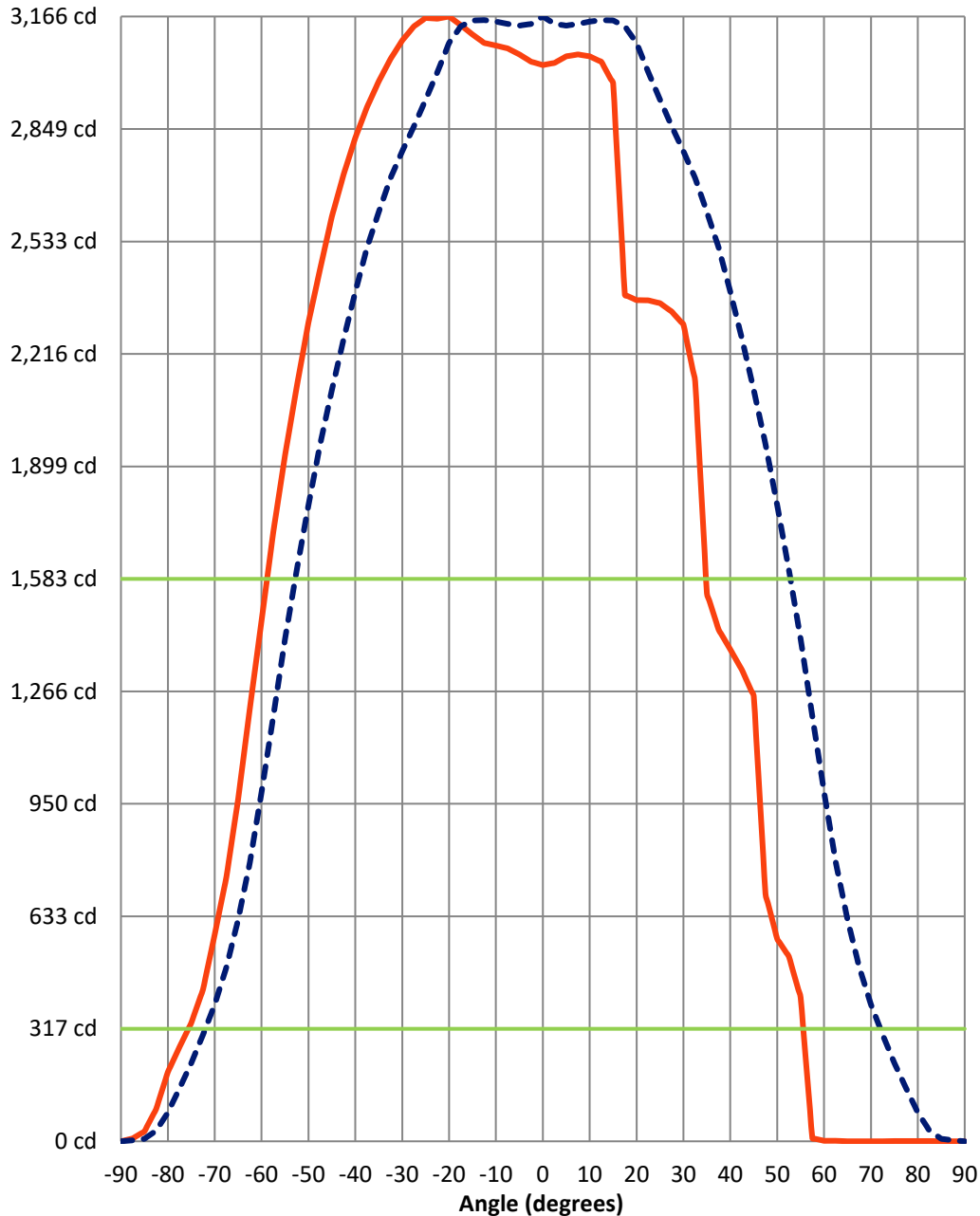
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 5802.7
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 7275.4
 Efficiency: 98.0%

Spill:
 Lumens: 147.4
 Efficiency: 2.0%

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

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Scaled Data Report



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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	0.4	0.4	0.4	0.3	0.3
85°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.7	0.7	0.7	0.6
82.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.1	1.1	0.9	0.7
80°	0.0	0.3	0.5	0.7	1.0	1.2	1.4	1.2	1.1	0.9	0.7
77.5°	0.0	0.4	0.6	0.9	1.2	1.4	1.4	1.3	1.1	0.9	0.7
75°	0.0	0.4	0.7	1.1	1.4	1.4	1.4	1.3	1.1	0.9	0.8
72.5°	0.0	0.5	0.9	1.3	1.5	1.5	1.4	1.3	1.1	0.9	0.8
70°	0.0	0.6	1.0	1.4	1.5	1.5	1.5	1.3	1.1	1.0	1.1
67.5°	0.0	0.7	1.1	1.5	1.6	1.6	1.6	1.3	1.2	1.5	1.6
65°	0.0	0.7	1.2	1.5	1.6	1.8	1.9	1.3	1.8	2.2	2.7
62.5°	0.0	0.8	1.4	1.6	1.7	2.2	2.2	1.9	2.5	3.7	5.9
60°	0.0	0.9	1.5	1.7	1.8	2.7	2.5	2.6	3.3	9.4	10.3
57.5°	0.0	0.9	1.5	1.7	2.3	3.3	4.7	3.6	9.2	16.0	18.6
55°	0.0	1.0	1.6	1.8	2.9	3.8	7.4	5.9	17.1	24.6	30.0
52.5°	0.0	1.1	1.7	1.8	3.4	4.9	10.6	14.8	25.6	38.6	43.5
50°	0.0	1.1	1.8	1.9	4.1	8.4	14.3	25.1	36.6	54.2	68.0
47.5°	0.0	1.2	1.8	2.1	4.7	12.1	19.2	35.7	52.8	71.4	92.9
45°	0.0	1.3	1.9	2.6	5.4	16.1	29.0	46.9	70.8	93.0	117.2
42.5°	0.0	1.3	2.0	3.1	6.1	20.4	38.9	61.1	89.2	114.1	145.2
40°	0.0	1.4	2.1	3.8	8.2	24.9	49.1	77.3	108.1	134.8	175.1
37.5°	0.0	1.4	2.2	4.6	11.7	29.7	59.5	93.5	127.9	159.6	206.4
35°	0.0	1.5	2.3	5.5	15.3	36.8	70.1	109.7	148.1	190.2	243.3
32.5°	0.0	1.6	2.3	6.5	18.9	45.2	81.5	125.8	168.5	220.8	288.2
30°	0.0	1.6	2.4	7.6	22.6	53.4	94.6	142.1	189.1	251.6	331.4
27.5°	0.0	1.7	2.5	8.7	27.1	61.6	107.5	159.0	211.7	282.3	372.6
25°	0.0	1.7	2.6	9.9	31.7	69.6	120.0	175.8	237.2	315.9	411.9
22.5°	0.0	1.7	2.7	11.2	36.3	77.8	132.2	192.3	262.3	349.4	451.6
20°	0.0	1.8	2.8	12.4	40.9	86.6	143.9	208.4	286.6	381.1	490.4
17.5°	0.0	1.8	2.9	13.8	45.4	95.1	155.6	224.1	310.3	410.8	528.0
15°	0.0	1.9	3.0	15.1	49.8	103.3	166.8	238.7	332.9	438.5	564.1
12.5°	0.0	1.9	3.0	16.4	54.0	111.1	177.2	251.7	351.0	464.1	598.5
10°	0.0	1.9	3.1	17.7	58.0	118.4	186.9	263.7	364.5	479.5	626.4
7.5°	0.0	1.9	3.2	18.9	61.9	125.3	195.8	274.6	376.0	491.4	642.8
5°	0.0	2.0	3.3	20.1	65.4	131.7	203.9	284.4	385.6	501.0	656.0
2.5°	0.0	2.0	3.3	21.3	68.7	137.5	211.2	293.2	393.3	508.4	666.1
0°	0.0	2.0	3.4	22.3	71.6	142.6	217.6	300.8	399.4	513.6	673.1
-2.5°	0.0	2.1	3.9	23.8	74.3	145.8	220.8	305.2	401.6	520.2	677.7
-5°	0.0	2.2	4.4	25.1	76.7	148.4	223.1	308.5	402.3	524.5	679.1
-7.5°	0.0	2.3	4.9	26.3	78.6	150.3	224.6	310.5	401.8	526.3	677.6
-10°	0.0	2.4	5.4	27.3	80.0	151.4	225.3	311.2	400.1	525.3	673.3
-12.5°	0.0	2.5	5.9	28.2	81.0	151.9	225.2	310.7	397.3	521.0	665.9
-15°	0.0	2.6	6.3	28.9	81.4	151.7	224.3	308.9	394.1	512.8	655.2
-17.5°	0.0	2.7	6.7	29.4	81.4	150.8	222.7	305.2	390.3	502.4	641.2
-20°	0.0	2.7	7.1	29.7	80.8	149.2	220.1	299.8	384.9	490.1	624.0



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CATALOG NUMBER: GFLD-SA2D-722-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.8	7.4	29.8	79.7	146.9	216.4	293.5	377.8	476.0	603.6
-25°	0.0	2.8	7.7	29.6	78.0	143.4	211.9	286.0	369.0	460.0	580.0
-27.5°	0.0	2.9	8.0	29.3	75.7	139.0	206.5	277.6	358.5	444.5	559.0
-30°	0.0	2.9	8.2	28.7	72.9	134.0	200.3	268.2	347.1	431.4	536.6
-32.5°	0.0	2.9	8.3	27.8	69.6	128.4	193.2	259.5	335.0	416.3	512.7
-35°	0.0	2.9	8.4	26.7	65.9	122.2	185.6	250.4	321.8	399.2	487.3
-37.5°	0.0	2.9	8.5	25.4	61.8	116.0	177.4	240.3	307.8	380.1	462.2
-40°	0.0	2.9	8.5	23.8	57.4	110.4	168.5	229.2	292.8	362.0	437.4
-42.5°	0.0	2.8	8.5	22.1	54.0	104.3	159.1	217.3	278.4	342.9	410.7
-45°	0.0	2.8	8.4	20.3	51.7	97.9	149.0	204.9	263.6	322.5	383.1
-47.5°	0.0	2.7	8.2	18.4	49.0	91.1	138.4	192.5	247.8	301.1	359.2
-50°	0.0	2.6	8.0	17.7	45.9	84.0	129.5	179.4	230.3	281.6	334.2
-52.5°	0.0	2.5	7.7	17.4	42.4	76.5	120.6	165.8	213.5	261.4	308.5
-55°	0.0	2.4	7.4	16.8	38.5	70.8	111.4	152.0	196.7	240.6	285.7
-57.5°	0.0	2.3	7.1	16.1	34.3	65.0	101.8	141.1	179.3	220.7	262.4
-60°	0.0	2.2	6.7	15.2	29.8	58.7	92.1	129.0	161.9	200.6	239.1
-62.5°	0.0	2.0	6.3	14.1	27.7	51.9	83.2	115.9	145.8	180.0	216.3
-65°	0.0	1.9	5.8	12.9	25.3	44.7	73.6	102.3	128.8	159.3	193.0
-67.5°	0.0	1.7	5.3	11.5	22.6	38.6	63.5	88.7	110.8	137.7	167.8
-70°	0.0	1.6	4.8	9.9	19.6	33.8	52.8	74.8	94.7	115.1	141.0
-72.5°	0.0	1.4	4.3	8.8	16.5	28.6	44.7	60.6	78.3	96.3	114.5
-75°	0.0	1.2	3.7	7.6	13.1	23.1	36.5	48.8	61.7	77.3	93.2
-77.5°	0.0	1.0	3.1	6.4	10.8	17.3	27.9	37.8	48.0	59.0	71.5
-80°	0.0	0.8	2.5	5.2	8.7	13.2	19.1	26.4	34.3	42.9	52.1
-82.5°	0.0	0.6	1.9	3.9	6.6	10.0	14.0	17.0	20.5	26.6	33.1
-85°	0.0	0.4	1.3	2.6	4.4	6.7	9.4	11.3	13.4	15.5	17.7
-87.5°	0.0	0.2	0.6	1.3	2.2	3.4	4.7	5.7	6.7	7.8	8.9
-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: P645379 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-722-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	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6
85°	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
82.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
80°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
77.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
75°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
72.5°	0.8	0.9	0.9	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7
70°	1.1	1.1	1.0	0.8	0.7	0.7	0.8	0.8	0.7	0.7	0.7
67.5°	1.4	1.2	1.0	1.0	1.0	1.1	1.0	0.9	0.7	0.7	0.7
65°	1.4	1.2	1.7	1.9	1.5	1.2	1.1	0.9	1.0	1.0	1.0
62.5°	2.1	2.6	3.3	5.8	4.3	1.3	2.3	2.7	2.0	1.6	1.7
60°	6.6	4.5	13.3	19.1	11.9	4.4	5.3	17.7	15.3	2.8	9.6
57.5°	13.9	19.1	35.1	35.7	24.7	17.0	49.6	57.3	43.3	25.3	38.7
55°	30.6	46.9	58.2	53.8	58.8	89.0	105.8	95.1	80.0	123.1	157.3
52.5°	59.7	76.4	80.2	92.1	131.9	151.5	145.2	155.2	201.3	250.0	260.6
50°	88.1	101.8	112.5	162.6	193.7	195.7	210.1	255.8	317.2	347.0	339.8
47.5°	115.6	129.8	179.5	227.7	241.6	260.7	296.8	385.0	450.1	451.3	444.0
45°	144.7	182.5	246.0	277.4	300.0	337.0	424.2	545.8	552.1	569.7	678.3
42.5°	175.8	242.1	297.4	330.1	366.7	435.8	552.1	631.9	659.3	736.6	823.9
40°	226.1	299.6	347.9	389.7	436.8	537.6	665.0	739.7	762.0	828.9	894.6
37.5°	277.2	347.7	401.8	452.2	517.5	653.5	800.9	862.5	873.8	886.0	1031.5
35°	326.4	396.9	461.8	527.8	607.8	803.5	932.4	990.3	988.5	1071.1	1223.5
32.5°	372.3	447.3	523.8	612.1	744.1	944.6	1073.5	1108.2	1160.8	1281.0	1489.0
30°	418.2	503.5	591.4	696.5	863.7	1037.5	1184.7	1240.5	1330.6	1467.8	1619.2
27.5°	465.5	561.1	667.4	790.5	958.1	1117.9	1243.6	1377.0	1464.5	1587.5	1695.1
25°	512.6	622.1	742.4	872.7	1025.6	1174.6	1304.6	1458.5	1552.6	1651.7	1752.1
22.5°	562.0	683.9	819.8	937.9	1082.5	1222.7	1377.4	1544.5	1666.7	1729.7	1797.2
20°	613.7	750.8	895.7	1026.6	1138.7	1267.4	1450.6	1653.6	1811.4	1882.3	1891.6
17.5°	664.6	815.6	971.5	1113.1	1234.0	1348.6	1527.5	1784.3	1980.6	2046.5	2075.7
15°	714.2	878.0	1046.8	1197.3	1330.0	1470.1	1661.2	1922.4	2146.7	2219.6	2265.7
12.5°	762.1	937.4	1120.9	1278.8	1426.1	1583.3	1782.6	2021.7	2226.5	2367.5	2452.1
10°	807.8	993.6	1192.8	1356.9	1521.1	1688.2	1883.1	2095.6	2262.4	2398.4	2518.5
7.5°	830.8	1030.3	1254.6	1431.3	1613.7	1785.2	1965.3	2147.8	2288.2	2421.6	2537.7
5°	846.5	1045.3	1273.9	1457.2	1662.9	1849.9	2024.8	2182.0	2305.1	2437.3	2550.7
2.5°	857.6	1055.1	1286.9	1471.4	1681.4	1869.8	2041.9	2193.5	2319.1	2448.6	2564.7
0°	864.4	1059.7	1293.6	1480.1	1693.0	1882.9	2051.9	2197.8	2328.3	2454.0	2579.0
-2.5°	868.2	1073.9	1298.0	1502.5	1704.2	1894.2	2065.8	2208.3	2344.6	2464.2	2589.6
-5°	867.7	1082.3	1296.8	1517.6	1709.5	1898.5	2072.7	2213.0	2353.4	2471.9	2593.9
-7.5°	863.0	1084.3	1291.0	1522.3	1709.7	1897.1	2069.7	2215.3	2353.3	2478.9	2594.2
-10°	854.6	1076.6	1285.6	1510.1	1703.2	1889.4	2060.4	2210.3	2347.8	2477.5	2592.0
-12.5°	844.7	1060.8	1274.3	1492.5	1689.8	1875.0	2046.2	2197.7	2337.5	2466.9	2586.8
-15°	829.9	1039.8	1255.8	1470.2	1669.6	1854.1	2027.8	2177.0	2321.7	2448.4	2571.5
-17.5°	809.9	1013.8	1229.7	1443.7	1642.3	1826.9	2004.2	2149.8	2293.7	2424.6	2543.4
-20°	784.7	983.0	1195.9	1413.5	1607.6	1790.2	1962.0	2114.5	2257.5	2390.6	2515.5



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 CATALOG NUMBER: GFLD-SA2D-722-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°	754.3	947.5	1155.2	1372.9	1564.3	1744.9	1914.6	2069.5	2217.7	2346.5	2479.5
-25°	723.8	910.0	1110.1	1316.6	1514.0	1693.8	1864.0	2015.0	2166.4	2300.4	2426.8
-27.5°	694.6	866.5	1057.9	1254.7	1457.0	1636.0	1804.6	1955.7	2102.8	2249.2	2370.9
-30°	661.8	816.1	1000.5	1188.6	1385.8	1568.0	1737.9	1894.6	2034.6	2179.2	2309.9
-32.5°	625.7	762.7	940.0	1120.9	1306.9	1493.1	1661.4	1817.1	1962.7	2099.5	2236.6
-35°	590.3	719.6	875.8	1048.2	1223.2	1405.9	1574.4	1728.5	1879.6	2015.1	2146.2
-37.5°	558.5	672.9	807.6	972.3	1139.6	1312.4	1483.7	1632.9	1776.7	1925.7	2053.5
-40°	524.1	622.8	748.6	894.1	1051.8	1216.1	1380.2	1534.6	1669.7	1816.9	1957.5
-42.5°	488.0	582.0	690.3	811.4	960.2	1115.1	1273.5	1424.6	1564.9	1703.7	1843.1
-45°	456.5	538.8	631.0	741.6	862.8	1008.5	1158.5	1309.1	1443.8	1576.1	1713.7
-47.5°	422.9	495.3	580.6	669.0	774.3	896.2	1037.2	1176.0	1313.9	1439.8	1561.6
-50°	389.5	456.2	526.3	605.8	692.8	791.5	908.6	1037.7	1163.7	1293.0	1413.6
-52.5°	360.7	415.1	478.4	544.8	619.2	700.9	794.7	900.8	1015.3	1125.0	1245.4
-55°	330.8	379.9	431.0	489.4	551.3	620.3	697.2	786.3	873.7	975.2	1073.4
-57.5°	303.5	344.9	388.5	436.8	490.5	545.7	612.9	682.2	761.6	840.5	918.3
-60°	277.8	311.6	348.6	389.5	432.7	481.8	532.0	591.5	655.4	718.3	784.3
-62.5°	251.9	280.3	310.5	344.4	382.1	419.2	462.1	507.9	554.9	608.3	660.3
-65°	225.2	248.2	273.8	301.9	332.0	363.6	396.5	430.5	470.5	509.6	547.4
-67.5°	196.9	216.6	237.3	259.5	284.7	309.5	334.3	362.9	392.4	421.4	451.4
-70°	165.6	184.1	201.4	219.3	238.1	257.5	278.7	299.7	320.5	342.2	366.2
-72.5°	133.7	150.7	165.9	179.2	194.6	210.8	226.2	241.0	256.7	273.1	289.4
-75°	106.6	117.9	131.4	143.8	156.1	167.4	177.6	190.2	203.2	215.2	225.1
-77.5°	83.2	93.5	102.7	111.0	120.8	132.2	142.1	150.7	159.0	168.0	177.6
-80°	60.5	69.0	77.5	85.2	90.8	97.2	104.8	113.6	121.1	127.3	132.9
-82.5°	39.1	45.2	51.5	57.9	60.5	62.3	63.9	67.0	71.7	76.3	80.7
-85°	19.5	21.3	25.1	29.0	30.4	31.3	32.0	32.3	33.9	35.4	36.7
-87.5°	9.8	10.6	11.5	12.4	11.9	11.3	10.5	9.6	9.3	9.0	8.7
-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):

	-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°	0.6	0.6	0.6	0.6	0.6	0.5	0.3	0.2	0.0	0.0	0.0
85°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.5	0.3
82.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
80°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
77.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
75°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
72.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
70°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
67.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.4
65°	1.0	1.0	1.0	1.0	0.9	0.8	0.9	0.8	0.8	0.6	0.4
62.5°	1.7	1.9	1.5	1.5	1.5	1.5	1.4	1.3	1.2	1.2	1.2
60°	10.6	6.2	3.7	4.3	3.8	2.5	3.2	3.8	3.9	3.5	3.1
57.5°	58.8	43.9	32.5	77.6	77.8	37.2	44.7	70.3	57.9	19.0	17.6
55°	163.4	195.5	257.3	244.4	248.3	285.6	311.8	276.1	270.6	288.4	333.2
52.5°	293.6	324.1	345.0	364.4	388.0	413.5	439.7	456.4	471.9	488.5	498.4
50°	374.9	418.0	447.5	436.6	497.9	522.9	497.5	520.3	548.0	555.6	559.1
47.5°	553.6	616.8	629.3	670.0	706.5	705.7	674.7	676.5	759.0	831.9	867.6
45°	795.6	797.8	837.5	909.3	960.6	944.4	987.7	1086.2	1119.0	1150.7	1176.7
42.5°	889.9	929.0	992.3	1055.8	1094.1	1127.2	1159.3	1195.5	1238.1	1272.6	1300.1
40°	981.2	1012.7	1077.5	1128.7	1160.4	1191.4	1228.7	1268.8	1307.7	1338.1	1358.8
37.5°	1121.7	1146.1	1161.9	1209.4	1269.3	1241.6	1312.5	1363.4	1386.6	1417.4	1420.2
35°	1334.3	1318.0	1297.0	1486.0	1497.3	1433.5	1499.8	1578.6	1537.1	1623.6	1670.1
32.5°	1522.7	1520.3	1685.2	1784.6	1727.4	1774.1	1926.9	1920.2	2022.1	2069.3	2055.8
30°	1700.2	1760.9	1856.2	1930.2	1940.1	2013.7	2081.6	2141.0	2202.5	2257.7	2261.5
27.5°	1790.4	1869.5	1934.2	1977.0	2024.8	2086.7	2148.3	2215.3	2267.6	2302.2	2310.6
25°	1844.9	1925.7	1974.7	2020.8	2073.5	2127.0	2195.9	2268.9	2310.9	2332.2	2339.0
22.5°	1893.0	1965.5	2018.3	2055.7	2112.4	2169.9	2234.2	2295.9	2341.5	2350.9	2354.3
20°	1939.2	2009.0	2097.0	2152.1	2149.3	2214.0	2276.0	2325.1	2363.2	2362.9	2363.9
17.5°	2073.1	2098.0	2257.7	2379.0	2319.0	2287.3	2457.7	2461.0	2471.1	2451.0	2407.4
15°	2271.3	2316.6	2512.9	2644.3	2602.9	2600.7	2846.9	2785.9	2838.4	2824.7	2883.8
12.5°	2481.2	2534.9	2681.5	2810.6	2872.2	2887.2	2969.5	3046.5	3062.3	3056.1	3044.5
10°	2624.2	2700.6	2759.6	2837.9	2900.0	2963.3	3010.9	3066.2	3084.3	3073.8	3059.1
7.5°	2642.9	2718.4	2787.5	2856.3	2915.4	2966.4	3015.8	3060.8	3079.3	3073.2	3063.1
5°	2654.7	2723.1	2790.2	2859.9	2916.4	2963.7	3012.9	3058.5	3069.5	3062.1	3052.2
2.5°	2662.0	2725.3	2790.0	2859.4	2910.7	2955.8	3005.6	3054.3	3054.2	3051.0	3045.2
0°	2665.5	2729.1	2804.1	2866.9	2924.4	2967.0	3016.3	3063.6	3060.2	3051.4	3041.3
-2.5°	2673.1	2737.5	2814.0	2866.2	2930.9	2969.9	3020.9	3061.9	3060.3	3056.0	3050.9
-5°	2679.9	2752.3	2823.9	2878.7	2943.6	2994.6	3045.3	3077.3	3079.0	3073.1	3064.6
-7.5°	2684.0	2764.3	2832.6	2887.6	2950.6	3009.9	3061.3	3094.9	3095.6	3087.7	3077.5
-10°	2682.6	2767.4	2837.7	2894.6	2959.0	3017.6	3071.4	3114.0	3112.6	3105.0	3096.4
-12.5°	2677.6	2762.2	2834.4	2891.5	2964.6	3025.0	3085.5	3127.9	3130.1	3124.4	3115.1
-15°	2666.4	2753.8	2824.0	2886.3	2958.1	3028.6	3090.8	3137.5	3145.8	3141.1	3133.8
-17.5°	2644.4	2736.6	2811.1	2878.2	2947.1	3022.2	3092.9	3144.1	3155.4	3153.6	3147.5
-20°	2615.5	2710.6	2786.3	2856.6	2931.6	3009.0	3091.2	3137.9	3154.5	3155.5	3151.4



REPORT NUMBER: P645379 (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°	2583.0	2676.2	2756.4	2825.5	2906.8	2985.2	3059.7	3114.4	3142.2	3147.4	3147.7
-25°	2544.1	2639.8	2719.6	2793.2	2868.8	2949.7	3024.9	3086.1	3114.2	3127.7	3131.9
-27.5°	2489.2	2588.1	2666.5	2744.3	2821.3	2904.8	2983.9	3050.4	3073.3	3091.8	3099.2
-30°	2424.7	2522.6	2602.6	2673.7	2761.7	2846.9	2928.5	2986.4	3021.0	3042.2	3053.8
-32.5°	2350.6	2449.4	2533.4	2607.6	2691.2	2776.4	2853.3	2914.4	2962.1	2986.5	2998.9
-35°	2270.3	2371.1	2459.0	2537.3	2616.0	2697.2	2776.7	2840.7	2895.1	2916.1	2931.6
-37.5°	2173.4	2284.7	2374.8	2455.5	2530.3	2606.6	2689.4	2762.5	2815.3	2835.7	2852.1
-40°	2074.0	2181.5	2272.4	2358.5	2432.5	2515.8	2595.6	2672.3	2718.1	2741.8	2760.3
-42.5°	1969.1	2066.3	2152.7	2236.3	2318.6	2404.4	2484.2	2563.9	2603.5	2632.1	2654.8
-45°	1848.1	1938.4	2022.4	2100.7	2185.6	2269.9	2349.7	2420.1	2467.2	2504.5	2533.5
-47.5°	1686.6	1796.7	1881.0	1955.4	2039.6	2121.0	2198.4	2264.6	2316.2	2359.8	2393.5
-50°	1522.7	1628.3	1723.4	1807.0	1885.1	1960.4	2034.0	2098.8	2153.5	2200.7	2234.9
-52.5°	1361.2	1460.2	1554.6	1640.9	1716.0	1787.0	1854.4	1919.5	1977.2	2027.7	2060.7
-55°	1178.8	1281.3	1374.7	1455.2	1530.2	1600.4	1666.9	1728.7	1785.4	1836.9	1868.5
-57.5°	1007.6	1097.6	1184.4	1258.8	1329.6	1396.5	1459.5	1518.6	1573.3	1621.7	1652.2
-60°	850.3	915.9	990.6	1059.2	1122.0	1179.0	1237.8	1292.9	1343.1	1385.7	1414.1
-62.5°	711.2	765.6	819.5	871.7	922.6	973.8	1023.0	1068.8	1110.7	1145.6	1170.5
-65°	587.4	631.0	670.0	707.0	742.3	782.6	820.1	855.3	887.9	914.6	933.6
-67.5°	483.7	514.4	541.3	566.7	594.5	623.0	649.7	673.0	692.9	708.8	721.3
-70°	390.0	412.6	433.0	453.2	473.5	492.0	509.7	526.8	543.1	556.3	566.3
-72.5°	305.4	320.9	334.7	350.3	364.9	379.0	391.2	401.1	408.7	416.2	422.7
-75°	232.9	244.4	260.1	273.3	284.2	293.8	302.7	310.6	317.5	323.6	329.0
-77.5°	187.3	197.2	207.1	216.7	226.0	233.0	239.4	245.8	252.1	257.6	262.4
-80°	138.8	146.2	153.8	161.6	169.3	173.1	176.1	179.0	181.5	184.7	187.8
-82.5°	84.9	89.0	93.3	97.6	101.9	103.0	103.4	103.3	102.7	101.5	99.8
-85°	37.8	38.0	37.9	37.5	36.8	35.3	33.4	31.3	28.9	28.5	28.1
-87.5°	8.3	8.1	7.9	7.6	7.3	7.3	7.3	7.2	7.1	7.4	7.6
-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: P645379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-722-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	0.2
85°	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.7	0.7
82.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
80°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
77.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
75°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
72.5°	0.7	0.7	0.4	0.0	0.4	0.7	0.7	0.7	0.7	0.7	0.7
70°	0.7	0.7	0.4	0.0	0.4	0.7	0.7	0.7	0.7	0.7	0.7
67.5°	0.3	0.1	0.0	0.0	0.0	0.1	0.3	0.4	0.6	0.7	0.7
65°	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.6	0.8	0.8
62.5°	1.3	1.3	1.4	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.3
60°	2.5	1.6	1.4	1.4	1.4	1.6	2.5	3.1	3.5	3.9	3.8
57.5°	14.9	11.1	9.5	8.8	9.5	11.1	14.9	17.6	19.0	57.9	70.3
55°	365.2	383.9	397.8	404.2	397.8	383.9	365.2	333.2	288.4	270.6	276.1
52.5°	507.1	515.2	519.9	519.7	519.9	515.2	507.1	498.4	488.5	471.9	456.4
50°	565.2	569.2	570.6	569.7	570.6	569.2	565.2	559.1	555.6	548.0	520.3
47.5°	835.0	762.7	709.6	696.8	709.6	762.7	835.0	867.6	831.9	759.0	676.5
45°	1189.2	1216.6	1243.9	1252.3	1243.9	1216.6	1189.2	1176.7	1150.7	1119.0	1086.2
42.5°	1311.8	1320.7	1325.8	1326.0	1325.8	1320.7	1311.8	1300.1	1272.6	1238.1	1195.5
40°	1370.4	1378.8	1383.7	1384.1	1383.7	1378.8	1370.4	1358.8	1338.1	1307.7	1268.8
37.5°	1423.5	1430.7	1435.5	1440.2	1435.5	1430.7	1423.5	1420.2	1417.4	1386.6	1363.4
35°	1663.8	1609.4	1531.1	1543.0	1531.1	1609.4	1663.8	1670.1	1623.6	1537.1	1578.6
32.5°	2076.9	2099.8	2114.0	2138.4	2114.0	2099.8	2076.9	2055.8	2069.3	2022.1	1920.2
30°	2267.5	2275.1	2286.5	2298.5	2286.5	2275.1	2267.5	2261.5	2257.7	2202.5	2141.0
27.5°	2315.1	2322.9	2329.9	2335.0	2329.9	2322.9	2315.1	2310.6	2302.2	2267.6	2215.3
25°	2340.0	2344.9	2352.2	2358.7	2352.2	2344.9	2340.0	2339.0	2332.2	2310.9	2268.9
22.5°	2352.3	2352.8	2358.6	2366.8	2358.6	2352.8	2352.3	2354.3	2350.9	2341.5	2295.9
20°	2360.8	2356.2	2362.2	2367.5	2362.2	2356.2	2360.8	2363.9	2362.9	2363.2	2325.1
17.5°	2468.9	2407.2	2381.9	2382.4	2381.9	2407.2	2468.9	2407.4	2451.0	2471.1	2461.0
15°	2817.4	2840.5	2929.2	2977.1	2929.2	2840.5	2817.4	2883.8	2824.7	2838.4	2785.9
12.5°	3042.3	3034.1	3023.6	3037.9	3023.6	3034.1	3042.3	3044.5	3056.1	3062.3	3046.5
10°	3052.8	3051.8	3033.0	3053.5	3033.0	3051.8	3052.8	3059.1	3073.8	3084.3	3066.2
7.5°	3046.4	3046.9	3038.9	3058.9	3038.9	3046.9	3046.4	3063.1	3073.2	3079.3	3060.8
5°	3050.6	3036.8	3042.1	3053.5	3042.1	3036.8	3050.6	3052.2	3062.1	3069.5	3058.5
2.5°	3038.8	3037.4	3027.2	3035.2	3027.2	3037.4	3038.8	3045.2	3051.0	3054.2	3054.3
0°	3029.8	3022.4	3022.4	3029.1	3022.4	3022.4	3029.8	3041.3	3051.4	3060.2	3063.6
-2.5°	3045.8	3044.2	3043.2	3038.6	3043.2	3044.2	3045.8	3050.9	3056.0	3060.3	3061.9
-5°	3058.9	3054.9	3043.9	3058.9	3043.9	3054.9	3058.9	3064.6	3073.1	3079.0	3077.3
-7.5°	3073.1	3062.8	3052.3	3075.8	3052.3	3062.8	3073.1	3077.5	3087.7	3095.6	3094.9
-10°	3086.0	3071.2	3060.9	3083.9	3060.9	3071.2	3086.0	3096.4	3105.0	3112.6	3114.0
-12.5°	3103.1	3085.7	3078.8	3091.3	3078.8	3085.7	3103.1	3115.1	3124.4	3130.1	3127.9
-15°	3121.2	3109.2	3107.6	3115.0	3107.6	3109.2	3121.2	3133.8	3141.1	3145.8	3137.5
-17.5°	3137.2	3128.8	3132.9	3141.3	3132.9	3128.8	3137.2	3147.5	3153.6	3155.4	3144.1
-20°	3144.8	3140.1	3144.9	3165.7	3144.9	3140.1	3144.8	3151.4	3155.5	3154.5	3137.9



REPORT NUMBER: P645379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-722-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°	3144.2	3144.5	3152.7	3159.6	3152.7	3144.5	3144.2	3147.7	3147.4	3142.2	3114.4
-25°	3132.2	3138.5	3148.0	3161.6	3148.0	3138.5	3132.2	3131.9	3127.7	3114.2	3086.1
-27.5°	3103.3	3113.8	3123.7	3137.9	3123.7	3113.8	3103.3	3099.2	3091.8	3073.3	3050.4
-30°	3061.4	3073.9	3082.8	3098.1	3082.8	3073.9	3061.4	3053.8	3042.2	3021.0	2986.4
-32.5°	3010.6	3024.7	3035.1	3046.0	3035.1	3024.7	3010.6	2998.9	2986.5	2962.1	2914.4
-35°	2946.9	2962.1	2973.2	2983.2	2973.2	2962.1	2946.9	2931.6	2916.1	2895.1	2840.7
-37.5°	2870.4	2886.8	2899.5	2910.9	2899.5	2886.8	2870.4	2852.1	2835.7	2815.3	2762.5
-40°	2781.3	2798.2	2811.7	2824.4	2811.7	2798.2	2781.3	2760.3	2741.8	2718.1	2672.3
-42.5°	2677.1	2694.1	2708.1	2721.0	2708.1	2694.1	2677.1	2654.8	2632.1	2603.5	2563.9
-45°	2556.9	2574.4	2589.1	2602.7	2589.1	2574.4	2556.9	2533.5	2504.5	2467.2	2420.1
-47.5°	2418.4	2437.1	2449.7	2456.0	2449.7	2437.1	2418.4	2393.5	2359.8	2316.2	2264.6
-50°	2259.6	2278.3	2293.4	2304.6	2293.4	2278.3	2259.6	2234.9	2200.7	2153.5	2098.8
-52.5°	2084.8	2102.6	2115.6	2123.5	2115.6	2102.6	2084.8	2060.7	2027.7	1977.2	1919.5
-55°	1893.4	1912.1	1924.4	1930.2	1924.4	1912.1	1893.4	1868.5	1836.9	1785.4	1728.7
-57.5°	1676.4	1694.1	1707.2	1714.6	1707.2	1694.1	1676.4	1652.2	1621.7	1573.3	1518.6
-60°	1436.2	1452.1	1462.0	1465.9	1462.0	1452.1	1436.2	1414.1	1385.7	1343.1	1292.9
-62.5°	1190.6	1205.6	1214.9	1218.5	1214.9	1205.6	1190.6	1170.5	1145.6	1110.7	1068.8
-65°	947.7	957.2	962.3	963.1	962.3	957.2	947.7	933.6	914.6	887.9	855.3
-67.5°	731.2	738.3	742.6	744.1	742.6	738.3	731.2	721.3	708.8	692.9	673.0
-70°	573.7	578.7	581.4	581.9	581.4	578.7	573.7	566.3	556.3	543.1	526.8
-72.5°	427.7	431.3	430.0	427.1	430.0	431.3	427.7	422.7	416.2	408.7	401.1
-75°	333.7	337.6	336.0	333.2	336.0	337.6	333.7	329.0	323.6	317.5	310.6
-77.5°	266.6	270.1	268.4	265.6	268.4	270.1	266.6	262.4	257.6	252.1	245.8
-80°	190.4	192.5	193.9	194.6	193.9	192.5	190.4	187.8	184.7	181.5	179.0
-82.5°	97.4	94.6	92.8	90.6	92.8	94.6	97.4	99.8	101.5	102.7	103.3
-85°	27.5	26.9	27.3	27.7	27.3	26.9	27.5	28.1	28.5	28.9	31.3
-87.5°	7.9	8.1	8.1	8.1	8.1	8.1	7.9	7.6	7.4	7.1	7.2
-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: P645379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-722-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	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
85°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
82.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
80°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
77.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
75°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
72.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
70°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8
67.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.9
65°	0.9	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
62.5°	1.4	1.5	1.5	1.5	1.5	1.9	1.7	1.7	1.6	2.0	2.7
60°	3.2	2.5	3.8	4.3	3.7	6.2	10.6	9.6	2.8	15.3	17.7
57.5°	44.7	37.2	77.8	77.6	32.5	43.9	58.8	38.7	25.3	43.3	57.3
55°	311.8	285.6	248.3	244.4	257.3	195.5	163.4	157.3	123.1	80.0	95.1
52.5°	439.7	413.5	388.0	364.4	345.0	324.1	293.6	260.6	250.0	201.3	155.2
50°	497.5	522.9	497.9	436.6	447.5	418.0	374.9	339.8	347.0	317.2	255.8
47.5°	674.7	705.7	706.5	670.0	629.3	616.8	553.6	444.0	451.3	450.1	385.0
45°	987.7	944.4	960.6	909.3	837.5	797.8	795.6	678.3	569.7	552.1	545.8
42.5°	1159.3	1127.2	1094.1	1055.8	992.3	929.0	889.9	823.9	736.6	659.3	631.9
40°	1228.7	1191.4	1160.4	1128.7	1077.5	1012.7	981.2	894.6	828.9	762.0	739.7
37.5°	1312.5	1241.6	1269.3	1209.4	1161.9	1146.1	1121.7	1031.5	886.0	873.8	862.5
35°	1499.8	1433.5	1497.3	1486.0	1297.0	1318.0	1334.3	1223.5	1071.1	988.5	990.3
32.5°	1926.9	1774.1	1727.4	1784.6	1685.2	1520.3	1522.7	1489.0	1281.0	1160.8	1108.2
30°	2081.6	2013.7	1940.1	1930.2	1856.2	1760.9	1700.2	1619.2	1467.8	1330.6	1240.5
27.5°	2148.3	2086.7	2024.8	1977.0	1934.2	1869.5	1790.4	1695.1	1587.5	1464.5	1377.0
25°	2195.9	2127.0	2073.5	2020.8	1974.7	1925.7	1844.9	1752.1	1651.7	1552.6	1458.5
22.5°	2234.2	2169.9	2112.4	2055.7	2018.3	1965.5	1893.0	1797.2	1729.7	1666.7	1544.5
20°	2276.0	2214.0	2149.3	2152.1	2097.0	2009.0	1939.2	1891.6	1882.3	1811.4	1653.6
17.5°	2457.7	2287.3	2319.0	2379.0	2257.7	2098.0	2073.1	2075.7	2046.5	1980.6	1784.3
15°	2846.9	2600.7	2602.9	2644.3	2512.9	2316.6	2271.3	2265.7	2219.6	2146.7	1922.4
12.5°	2969.5	2887.2	2872.2	2810.6	2681.5	2534.9	2481.2	2452.1	2367.5	2226.5	2021.7
10°	3010.9	2963.3	2900.0	2837.9	2759.6	2700.6	2624.2	2518.5	2398.4	2262.4	2095.6
7.5°	3015.8	2966.4	2915.4	2856.3	2787.5	2718.4	2642.9	2537.7	2421.6	2288.2	2147.8
5°	3012.9	2963.7	2916.4	2859.9	2790.2	2723.1	2654.7	2550.7	2437.3	2305.1	2182.0
2.5°	3005.6	2955.8	2910.7	2859.4	2790.0	2725.3	2662.0	2564.7	2448.6	2319.1	2193.5
0°	3016.3	2967.0	2924.4	2866.9	2804.1	2729.1	2665.5	2579.0	2454.0	2328.3	2197.8
-2.5°	3020.9	2969.9	2930.9	2866.2	2814.0	2737.5	2673.1	2589.6	2464.2	2344.6	2208.3
-5°	3045.3	2994.6	2943.6	2878.7	2823.9	2752.3	2679.9	2593.9	2471.9	2353.4	2213.0
-7.5°	3061.3	3009.9	2950.6	2887.6	2832.6	2764.3	2684.0	2594.2	2478.9	2353.3	2215.3
-10°	3071.4	3017.6	2959.0	2894.6	2837.7	2767.4	2682.6	2592.0	2477.5	2347.8	2210.3
-12.5°	3085.5	3025.0	2964.6	2891.5	2834.4	2762.2	2677.6	2586.8	2466.9	2337.5	2197.7
-15°	3090.8	3028.6	2958.1	2886.3	2824.0	2753.8	2666.4	2571.5	2448.4	2321.7	2177.0
-17.5°	3092.9	3022.2	2947.1	2878.2	2811.1	2736.6	2644.4	2543.4	2424.6	2293.7	2149.8
-20°	3091.2	3009.0	2931.6	2856.6	2786.3	2710.6	2615.5	2515.5	2390.6	2257.5	2114.5



REPORT NUMBER: P645379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-722-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°	3059.7	2985.2	2906.8	2825.5	2756.4	2676.2	2583.0	2479.5	2346.5	2217.7	2069.5
-25°	3024.9	2949.7	2868.8	2793.2	2719.6	2639.8	2544.1	2426.8	2300.4	2166.4	2015.0
-27.5°	2983.9	2904.8	2821.3	2744.3	2666.5	2588.1	2489.2	2370.9	2249.2	2102.8	1955.7
-30°	2928.5	2846.9	2761.7	2673.7	2602.6	2522.6	2424.7	2309.9	2179.2	2034.6	1894.6
-32.5°	2853.3	2776.4	2691.2	2607.6	2533.4	2449.4	2350.6	2236.6	2099.5	1962.7	1817.1
-35°	2776.7	2697.2	2616.0	2537.3	2459.0	2371.1	2270.3	2146.2	2015.1	1879.6	1728.5
-37.5°	2689.4	2606.6	2530.3	2455.5	2374.8	2284.7	2173.4	2053.5	1925.7	1776.7	1632.9
-40°	2595.6	2515.8	2432.5	2358.5	2272.4	2181.5	2074.0	1957.5	1816.9	1669.7	1534.6
-42.5°	2484.2	2404.4	2318.6	2236.3	2152.7	2066.3	1969.1	1843.1	1703.7	1564.9	1424.6
-45°	2349.7	2269.9	2185.6	2100.7	2022.4	1938.4	1848.1	1713.7	1576.1	1443.8	1309.1
-47.5°	2198.4	2121.0	2039.6	1955.4	1881.0	1796.7	1686.6	1561.6	1439.8	1313.9	1176.0
-50°	2034.0	1960.4	1885.1	1807.0	1723.4	1628.3	1522.7	1413.6	1293.0	1163.7	1037.7
-52.5°	1854.4	1787.0	1716.0	1640.9	1554.6	1460.2	1361.2	1245.4	1125.0	1015.3	900.8
-55°	1666.9	1600.4	1530.2	1455.2	1374.7	1281.3	1178.8	1073.4	975.2	873.7	786.3
-57.5°	1459.5	1396.5	1329.6	1258.8	1184.4	1097.6	1007.6	918.3	840.5	761.6	682.2
-60°	1237.8	1179.0	1122.0	1059.2	990.6	915.9	850.3	784.3	718.3	655.4	591.5
-62.5°	1023.0	973.8	922.6	871.7	819.5	765.6	711.2	660.3	608.3	554.9	507.9
-65°	820.1	782.6	742.3	707.0	670.0	631.0	587.4	547.4	509.6	470.5	430.5
-67.5°	649.7	623.0	594.5	566.7	541.3	514.4	483.7	451.4	421.4	392.4	362.9
-70°	509.7	492.0	473.5	453.2	433.0	412.6	390.0	366.2	342.2	320.5	299.7
-72.5°	391.2	379.0	364.9	350.3	334.7	320.9	305.4	289.4	273.1	256.7	241.0
-75°	302.7	293.8	284.2	273.3	260.1	244.4	232.9	225.1	215.2	203.2	190.2
-77.5°	239.4	233.0	226.0	216.7	207.1	197.2	187.3	177.6	168.0	159.0	150.7
-80°	176.1	173.1	169.3	161.6	153.8	146.2	138.8	132.9	127.3	121.1	113.6
-82.5°	103.4	103.0	101.9	97.6	93.3	89.0	84.9	80.7	76.3	71.7	67.0
-85°	33.4	35.3	36.8	37.5	37.9	38.0	37.8	36.7	35.4	33.9	32.3
-87.5°	7.3	7.3	7.3	7.6	7.9	8.1	8.3	8.7	9.0	9.3	9.6
-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: P645379 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-722-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°	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.4
85°	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.7	0.7	0.7
82.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.9	1.1	1.1
80°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.9	1.1	1.2
77.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.9	1.1	1.3
75°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.9	1.1	1.3
72.5°	0.7	0.7	0.7	0.8	0.9	0.9	0.8	0.8	0.9	1.1	1.3
70°	0.8	0.7	0.7	0.8	1.0	1.1	1.1	1.1	1.0	1.1	1.3
67.5°	1.0	1.1	1.0	1.0	1.0	1.2	1.4	1.6	1.5	1.2	1.3
65°	1.1	1.2	1.5	1.9	1.7	1.2	1.4	2.7	2.2	1.8	1.3
62.5°	2.3	1.3	4.3	5.8	3.3	2.6	2.1	5.9	3.7	2.5	1.9
60°	5.3	4.4	11.9	19.1	13.3	4.5	6.6	10.3	9.4	3.3	2.6
57.5°	49.6	17.0	24.7	35.7	35.1	19.1	13.9	18.6	16.0	9.2	3.6
55°	105.8	89.0	58.8	53.8	58.2	46.9	30.6	30.0	24.6	17.1	5.9
52.5°	145.2	151.5	131.9	92.1	80.2	76.4	59.7	43.5	38.6	25.6	14.8
50°	210.1	195.7	193.7	162.6	112.5	101.8	88.1	68.0	54.2	36.6	25.1
47.5°	296.8	260.7	241.6	227.7	179.5	129.8	115.6	92.9	71.4	52.8	35.7
45°	424.2	337.0	300.0	277.4	246.0	182.5	144.7	117.2	93.0	70.8	46.9
42.5°	552.1	435.8	366.7	330.1	297.4	242.1	175.8	145.2	114.1	89.2	61.1
40°	665.0	537.6	436.8	389.7	347.9	299.6	226.1	175.1	134.8	108.1	77.3
37.5°	800.9	653.5	517.5	452.2	401.8	347.7	277.2	206.4	159.6	127.9	93.5
35°	932.4	803.5	607.8	527.8	461.8	396.9	326.4	243.3	190.2	148.1	109.7
32.5°	1073.5	944.6	744.1	612.1	523.8	447.3	372.3	288.2	220.8	168.5	125.8
30°	1184.7	1037.5	863.7	696.5	591.4	503.5	418.2	331.4	251.6	189.1	142.1
27.5°	1243.6	1117.9	958.1	790.5	667.4	561.1	465.5	372.6	282.3	211.7	159.0
25°	1304.6	1174.6	1025.6	872.7	742.4	622.1	512.6	411.9	315.9	237.2	175.8
22.5°	1377.4	1222.7	1082.5	937.9	819.8	683.9	562.0	451.6	349.4	262.3	192.3
20°	1450.6	1267.4	1138.7	1026.6	895.7	750.8	613.7	490.4	381.1	286.6	208.4
17.5°	1527.5	1348.6	1234.0	1113.1	971.5	815.6	664.6	528.0	410.8	310.3	224.1
15°	1661.2	1470.1	1330.0	1197.3	1046.8	878.0	714.2	564.1	438.5	332.9	238.7
12.5°	1782.6	1583.3	1426.1	1278.8	1120.9	937.4	762.1	598.5	464.1	351.0	251.7
10°	1883.1	1688.2	1521.1	1356.9	1192.8	993.6	807.8	626.4	479.5	364.5	263.7
7.5°	1965.3	1785.2	1613.7	1431.3	1254.6	1030.3	830.8	642.8	491.4	376.0	274.6
5°	2024.8	1849.9	1662.9	1457.2	1273.9	1045.3	846.5	656.0	501.0	385.6	284.4
2.5°	2041.9	1869.8	1681.4	1471.4	1286.9	1055.1	857.6	666.1	508.4	393.3	293.2
0°	2051.9	1882.9	1693.0	1480.1	1293.6	1059.7	864.4	673.1	513.6	399.4	300.8
-2.5°	2065.8	1894.2	1704.2	1502.5	1298.0	1073.9	868.2	677.7	520.2	401.6	305.2
-5°	2072.7	1898.5	1709.5	1517.6	1296.8	1082.3	867.7	679.1	524.5	402.3	308.5
-7.5°	2069.7	1897.1	1709.7	1522.3	1291.0	1084.3	863.0	677.6	526.3	401.8	310.5
-10°	2060.4	1889.4	1703.2	1510.1	1285.6	1076.6	854.6	673.3	525.3	400.1	311.2
-12.5°	2046.2	1875.0	1689.8	1492.5	1274.3	1060.8	844.7	665.9	521.0	397.3	310.7
-15°	2027.8	1854.1	1669.6	1470.2	1255.8	1039.8	829.9	655.2	512.8	394.1	308.9
-17.5°	2004.2	1826.9	1642.3	1443.7	1229.7	1013.8	809.9	641.2	502.4	390.3	305.2
-20°	1962.0	1790.2	1607.6	1413.5	1195.9	983.0	784.7	624.0	490.1	384.9	299.8



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1914.6	1744.9	1564.3	1372.9	1155.2	947.5	754.3	603.6	476.0	377.8	293.5
-25°	1864.0	1693.8	1514.0	1316.6	1110.1	910.0	723.8	580.0	460.0	369.0	286.0
-27.5°	1804.6	1636.0	1457.0	1254.7	1057.9	866.5	694.6	559.0	444.5	358.5	277.6
-30°	1737.9	1568.0	1385.8	1188.6	1000.5	816.1	661.8	536.6	431.4	347.1	268.2
-32.5°	1661.4	1493.1	1306.9	1120.9	940.0	762.7	625.7	512.7	416.3	335.0	259.5
-35°	1574.4	1405.9	1223.2	1048.2	875.8	719.6	590.3	487.3	399.2	321.8	250.4
-37.5°	1483.7	1312.4	1139.6	972.3	807.6	672.9	558.5	462.2	380.1	307.8	240.3
-40°	1380.2	1216.1	1051.8	894.1	748.6	622.8	524.1	437.4	362.0	292.8	229.2
-42.5°	1273.5	1115.1	960.2	811.4	690.3	582.0	488.0	410.7	342.9	278.4	217.3
-45°	1158.5	1008.5	862.8	741.6	631.0	538.8	456.5	383.1	322.5	263.6	204.9
-47.5°	1037.2	896.2	774.3	669.0	580.6	495.3	422.9	359.2	301.1	247.8	192.5
-50°	908.6	791.5	692.8	605.8	526.3	456.2	389.5	334.2	281.6	230.3	179.4
-52.5°	794.7	700.9	619.2	544.8	478.4	415.1	360.7	308.5	261.4	213.5	165.8
-55°	697.2	620.3	551.3	489.4	431.0	379.9	330.8	285.7	240.6	196.7	152.0
-57.5°	612.9	545.7	490.5	436.8	388.5	344.9	303.5	262.4	220.7	179.3	141.1
-60°	532.0	481.8	432.7	389.5	348.6	311.6	277.8	239.1	200.6	161.9	129.0
-62.5°	462.1	419.2	382.1	344.4	310.5	280.3	251.9	216.3	180.0	145.8	115.9
-65°	396.5	363.6	332.0	301.9	273.8	248.2	225.2	193.0	159.3	128.8	102.3
-67.5°	334.3	309.5	284.7	259.5	237.3	216.6	196.9	167.8	137.7	110.8	88.7
-70°	278.7	257.5	238.1	219.3	201.4	184.1	165.6	141.0	115.1	94.7	74.8
-72.5°	226.2	210.8	194.6	179.2	165.9	150.7	133.7	114.5	96.3	78.3	60.6
-75°	177.6	167.4	156.1	143.8	131.4	117.9	106.6	93.2	77.3	61.7	48.8
-77.5°	142.1	132.2	120.8	111.0	102.7	93.5	83.2	71.5	59.0	48.0	37.8
-80°	104.8	97.2	90.8	85.2	77.5	69.0	60.5	52.1	42.9	34.3	26.4
-82.5°	63.9	62.3	60.5	57.9	51.5	45.2	39.1	33.1	26.6	20.5	17.0
-85°	32.0	31.3	30.4	29.0	25.1	21.3	19.5	17.7	15.5	13.4	11.3
-87.5°	10.5	11.3	11.9	12.4	11.5	10.6	9.8	8.9	7.8	6.7	5.7
-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°	0.4	0.3	0.2	0.2	0.1	0.1	0.0
85°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
82.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
80°	1.4	1.2	1.0	0.7	0.5	0.3	0.0
77.5°	1.4	1.4	1.2	0.9	0.6	0.4	0.0
75°	1.4	1.4	1.4	1.1	0.7	0.4	0.0
72.5°	1.4	1.5	1.5	1.3	0.9	0.5	0.0
70°	1.5	1.5	1.5	1.4	1.0	0.6	0.0
67.5°	1.6	1.6	1.6	1.5	1.1	0.7	0.0
65°	1.9	1.8	1.6	1.5	1.2	0.7	0.0
62.5°	2.2	2.2	1.7	1.6	1.4	0.8	0.0
60°	2.5	2.7	1.8	1.7	1.5	0.9	0.0
57.5°	4.7	3.3	2.3	1.7	1.5	0.9	0.0
55°	7.4	3.8	2.9	1.8	1.6	1.0	0.0
52.5°	10.6	4.9	3.4	1.8	1.7	1.1	0.0
50°	14.3	8.4	4.1	1.9	1.8	1.1	0.0
47.5°	19.2	12.1	4.7	2.1	1.8	1.2	0.0
45°	29.0	16.1	5.4	2.6	1.9	1.3	0.0
42.5°	38.9	20.4	6.1	3.1	2.0	1.3	0.0
40°	49.1	24.9	8.2	3.8	2.1	1.4	0.0
37.5°	59.5	29.7	11.7	4.6	2.2	1.4	0.0
35°	70.1	36.8	15.3	5.5	2.3	1.5	0.0
32.5°	81.5	45.2	18.9	6.5	2.3	1.6	0.0
30°	94.6	53.4	22.6	7.6	2.4	1.6	0.0
27.5°	107.5	61.6	27.1	8.7	2.5	1.7	0.0
25°	120.0	69.6	31.7	9.9	2.6	1.7	0.0
22.5°	132.2	77.8	36.3	11.2	2.7	1.7	0.0
20°	143.9	86.6	40.9	12.4	2.8	1.8	0.0
17.5°	155.6	95.1	45.4	13.8	2.9	1.8	0.0
15°	166.8	103.3	49.8	15.1	3.0	1.9	0.0
12.5°	177.2	111.1	54.0	16.4	3.0	1.9	0.0
10°	186.9	118.4	58.0	17.7	3.1	1.9	0.0
7.5°	195.8	125.3	61.9	18.9	3.2	1.9	0.0
5°	203.9	131.7	65.4	20.1	3.3	2.0	0.0
2.5°	211.2	137.5	68.7	21.3	3.3	2.0	0.0
0°	217.6	142.6	71.6	22.3	3.4	2.0	0.0
-2.5°	220.8	145.8	74.3	23.8	3.9	2.1	0.0
-5°	223.1	148.4	76.7	25.1	4.4	2.2	0.0
-7.5°	224.6	150.3	78.6	26.3	4.9	2.3	0.0
-10°	225.3	151.4	80.0	27.3	5.4	2.4	0.0
-12.5°	225.2	151.9	81.0	28.2	5.9	2.5	0.0
-15°	224.3	151.7	81.4	28.9	6.3	2.6	0.0
-17.5°	222.7	150.8	81.4	29.4	6.7	2.7	0.0
-20°	220.1	149.2	80.8	29.7	7.1	2.7	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	216.4	146.9	79.7	29.8	7.4	2.8	0.0
-25°	211.9	143.4	78.0	29.6	7.7	2.8	0.0
-27.5°	206.5	139.0	75.7	29.3	8.0	2.9	0.0
-30°	200.3	134.0	72.9	28.7	8.2	2.9	0.0
-32.5°	193.2	128.4	69.6	27.8	8.3	2.9	0.0
-35°	185.6	122.2	65.9	26.7	8.4	2.9	0.0
-37.5°	177.4	116.0	61.8	25.4	8.5	2.9	0.0
-40°	168.5	110.4	57.4	23.8	8.5	2.9	0.0
-42.5°	159.1	104.3	54.0	22.1	8.5	2.8	0.0
-45°	149.0	97.9	51.7	20.3	8.4	2.8	0.0
-47.5°	138.4	91.1	49.0	18.4	8.2	2.7	0.0
-50°	129.5	84.0	45.9	17.7	8.0	2.6	0.0
-52.5°	120.6	76.5	42.4	17.4	7.7	2.5	0.0
-55°	111.4	70.8	38.5	16.8	7.4	2.4	0.0
-57.5°	101.8	65.0	34.3	16.1	7.1	2.3	0.0
-60°	92.1	58.7	29.8	15.2	6.7	2.2	0.0
-62.5°	83.2	51.9	27.7	14.1	6.3	2.0	0.0
-65°	73.6	44.7	25.3	12.9	5.8	1.9	0.0
-67.5°	63.5	38.6	22.6	11.5	5.3	1.7	0.0
-70°	52.8	33.8	19.6	9.9	4.8	1.6	0.0
-72.5°	44.7	28.6	16.5	8.8	4.3	1.4	0.0
-75°	36.5	23.1	13.1	7.6	3.7	1.2	0.0
-77.5°	27.9	17.3	10.8	6.4	3.1	1.0	0.0
-80°	19.1	13.2	8.7	5.2	2.5	0.8	0.0
-82.5°	14.0	10.0	6.6	3.9	1.9	0.6	0.0
-85°	9.4	6.7	4.4	2.6	1.3	0.4	0.0
-87.5°	4.7	3.4	2.2	1.3	0.6	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)