

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: P645583 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-722-U-LAM-VSR-XX**

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-08
Report Number: P645583 (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-SA6E-722-U-LAM-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (96) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

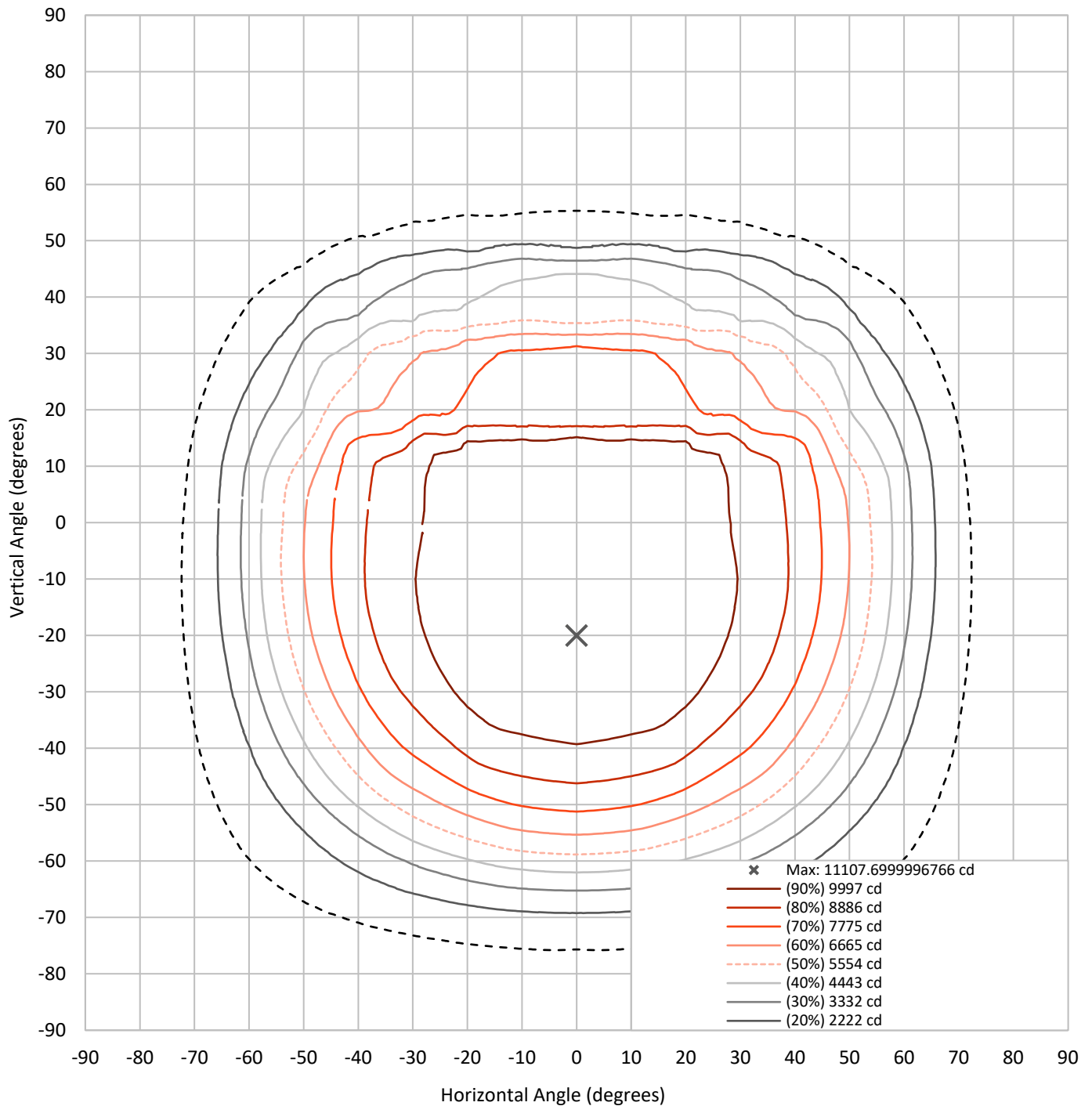
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	26045.4 lumens	Max Intensity:	11107.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	69.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	105.6°H x 93.7°V	Field Angle (10%):	144°H x 131.2°V
Beam Lumens:	20360.7 lumens	Field Lumens:	25528.2 lumens
Beam Efficiency:	78.2%	Field Efficiency:	98.0%
Input Watts (W):	376.7		
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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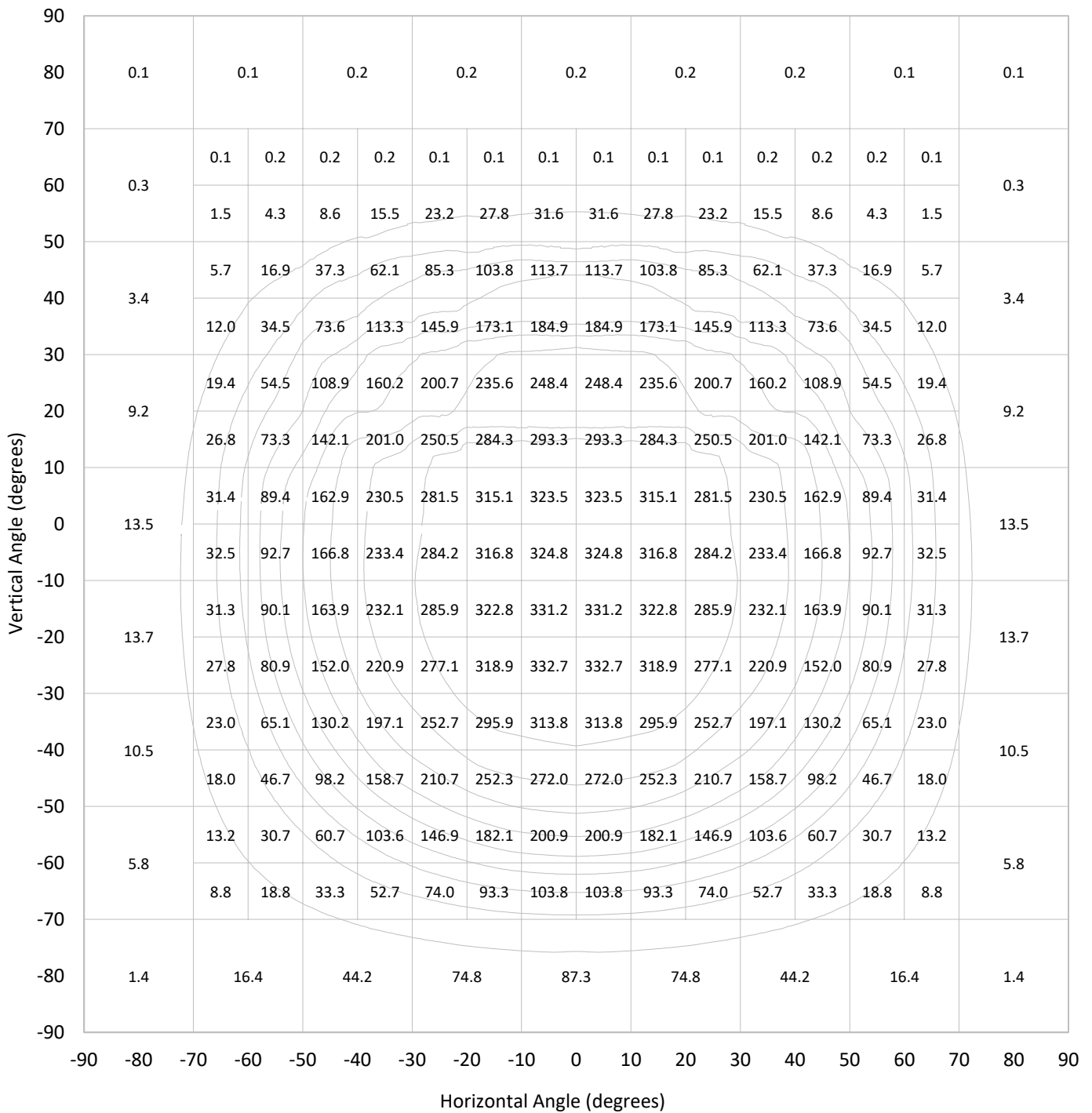
Iso-Candela Plot





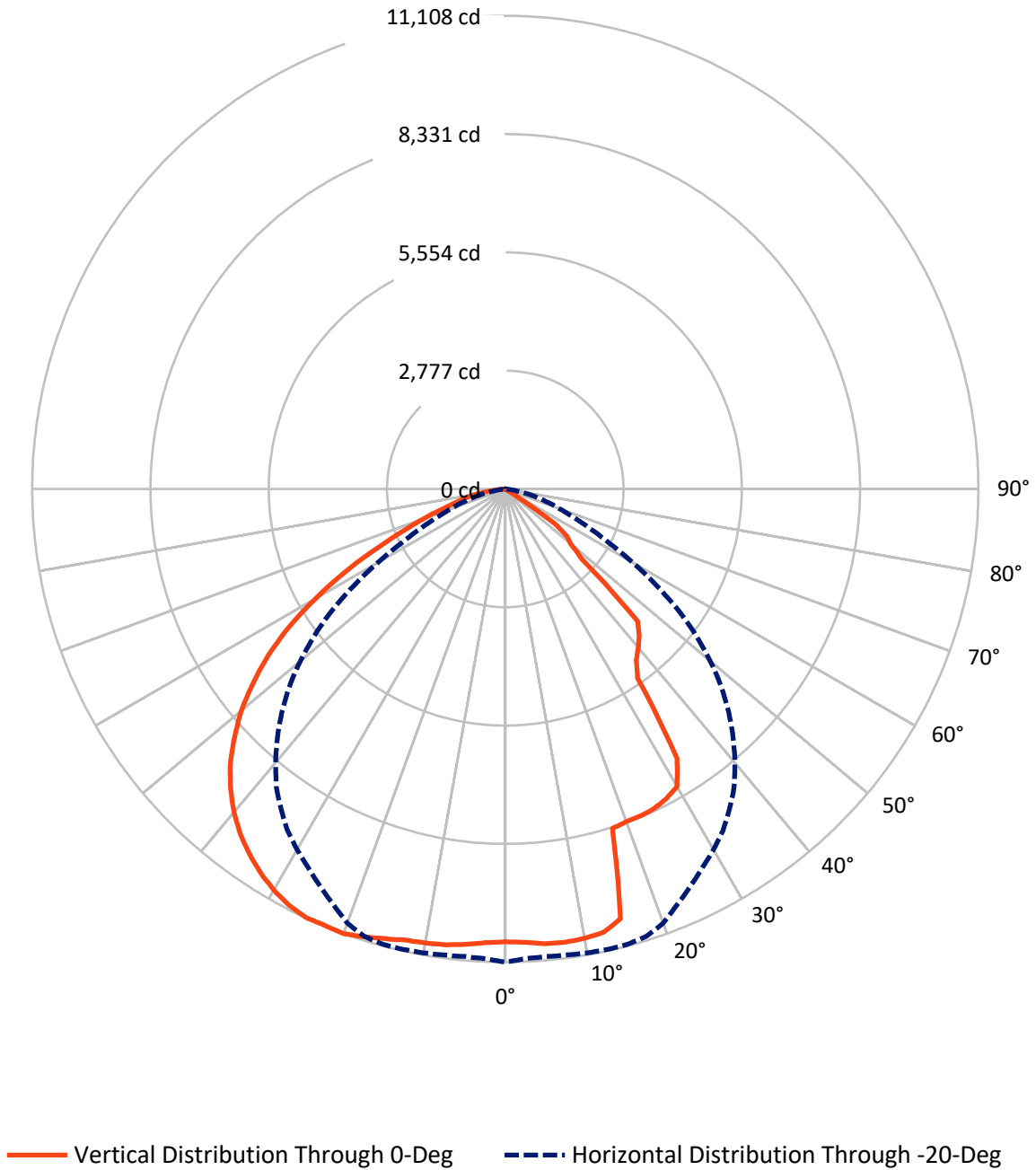
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Lumen Table



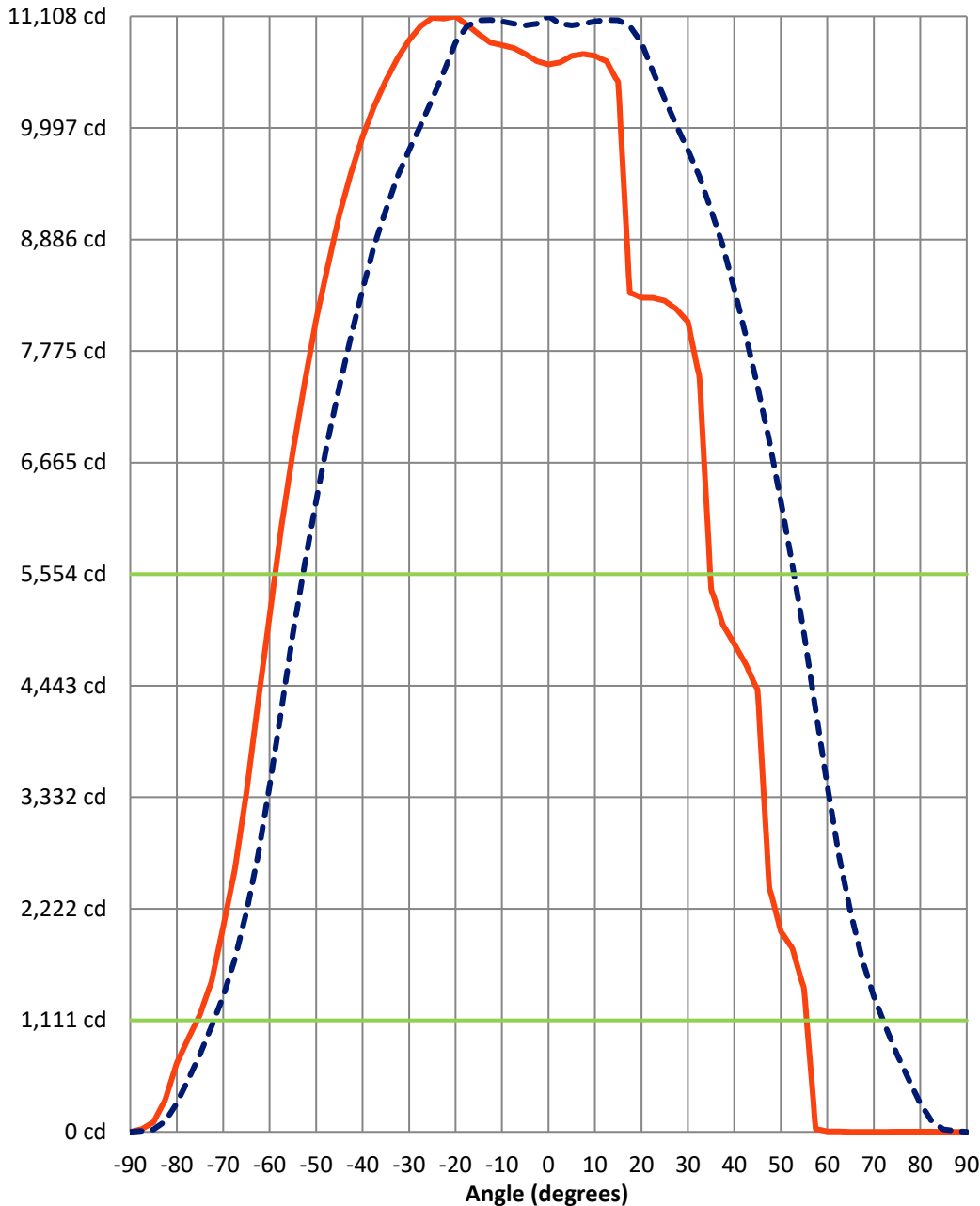
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 20360.7
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 25528.2
 Efficiency: 98.0%

Spill:
 Lumens: 517.3
 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	0.3	0.4	0.6	0.8	1.0	1.2	1.2	1.2	1.1	1.0
85°	0.0	0.5	0.8	1.2	1.6	2.0	2.4	2.5	2.4	2.3	2.0
82.5°	0.0	0.8	1.2	1.8	2.4	3.0	3.6	3.7	3.6	3.0	2.4
80°	0.0	1.0	1.6	2.4	3.2	4.0	4.7	4.2	3.6	3.0	2.5
77.5°	0.0	1.3	2.1	3.0	4.0	4.7	4.7	4.2	3.7	3.1	2.5
75°	0.0	1.5	2.5	3.6	4.7	4.9	4.8	4.3	3.7	3.1	2.6
72.5°	0.0	1.8	2.9	4.2	5.0	5.1	4.8	4.3	3.7	3.2	2.6
70°	0.0	2.0	3.3	4.7	5.2	5.2	5.0	4.4	3.8	3.3	3.8
67.5°	0.0	2.3	3.7	5.0	5.4	5.4	5.5	4.4	3.9	5.3	5.3
65°	0.0	2.5	4.2	5.2	5.7	6.3	6.3	4.5	6.3	7.4	9.3
62.5°	0.0	2.8	4.6	5.5	5.9	7.8	7.4	6.3	8.7	12.9	20.6
60°	0.0	3.0	5.0	5.7	6.2	9.5	8.7	8.9	11.4	32.9	35.8
57.5°	0.0	3.3	5.3	6.0	8.0	11.4	16.2	12.6	32.2	55.9	65.0
55°	0.0	3.5	5.5	6.2	10.0	13.5	25.8	20.4	59.8	86.3	105.2
52.5°	0.0	3.7	5.8	6.5	12.1	17.3	37.1	51.9	89.7	135.5	152.6
50°	0.0	4.0	6.1	6.8	14.3	29.4	50.0	87.8	128.4	190.1	238.4
47.5°	0.0	4.2	6.4	7.4	16.5	42.5	67.3	125.3	185.0	250.4	326.0
45°	0.0	4.4	6.7	9.2	18.9	56.6	101.5	164.6	248.3	326.3	411.1
42.5°	0.0	4.6	7.0	11.0	21.4	71.5	136.5	214.4	312.8	400.3	509.3
40°	0.0	4.8	7.3	13.3	28.8	87.3	172.3	271.1	379.2	472.8	614.3
37.5°	0.0	5.1	7.6	16.2	41.1	103.9	208.8	327.9	448.9	560.0	724.0
35°	0.0	5.3	7.9	19.3	53.7	129.1	245.9	384.7	519.6	667.1	853.7
32.5°	0.0	5.4	8.2	22.8	66.4	158.4	286.1	441.3	591.2	774.8	1011.3
30°	0.0	5.6	8.5	26.6	79.2	187.4	332.1	498.5	663.5	882.8	1162.6
27.5°	0.0	5.8	8.8	30.6	95.1	216.1	377.2	557.9	742.9	990.6	1307.1
25°	0.0	6.0	9.2	34.8	111.3	244.3	421.2	616.8	832.5	1108.3	1445.0
22.5°	0.0	6.1	9.5	39.2	127.5	273.0	463.9	674.7	920.2	1226.0	1584.5
20°	0.0	6.3	9.8	43.8	143.5	303.9	505.1	731.3	1005.8	1337.0	1720.7
17.5°	0.0	6.4	10.1	48.4	159.3	333.8	546.0	786.4	1088.6	1441.1	1852.5
15°	0.0	6.6	10.4	53.0	174.7	362.5	585.2	837.6	1168.1	1538.3	1979.2
12.5°	0.0	6.7	10.7	57.6	189.5	389.8	621.9	883.2	1231.6	1628.3	2099.8
10°	0.0	6.8	10.9	62.2	203.7	415.7	655.9	925.2	1278.9	1682.3	2198.0
7.5°	0.0	6.9	11.2	66.5	217.2	439.9	687.2	963.5	1319.2	1724.2	2255.2
5°	0.0	7.0	11.4	70.7	229.7	462.2	715.6	998.0	1352.8	1757.9	2301.8
2.5°	0.0	7.0	11.7	74.7	241.1	482.4	741.1	1028.6	1380.1	1783.9	2337.4
0°	0.0	7.1	11.9	78.3	251.4	500.4	763.6	1055.3	1401.5	1802.3	2361.9
-2.5°	0.0	7.5	13.8	83.4	261.0	511.8	774.8	1070.8	1409.2	1825.5	2377.9
-5°	0.0	7.9	15.6	88.1	269.1	520.8	783.0	1082.2	1411.8	1840.7	2382.9
-7.5°	0.0	8.3	17.3	92.3	275.7	527.3	788.2	1089.3	1409.9	1846.8	2377.6
-10°	0.0	8.6	19.0	95.9	280.8	531.4	790.6	1092.0	1403.8	1843.2	2362.5
-12.5°	0.0	8.9	20.7	99.0	284.1	533.1	790.1	1090.2	1394.1	1828.3	2336.6
-15°	0.0	9.2	22.2	101.4	285.7	532.3	787.0	1083.8	1383.1	1799.3	2299.0
-17.5°	0.0	9.5	23.6	103.2	285.5	529.1	781.3	1070.7	1369.6	1763.1	2250.0
-20°	0.0	9.7	24.9	104.2	283.5	523.5	772.3	1052.1	1350.5	1719.9	2189.7

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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	9.9	26.1	104.5	279.5	515.5	759.4	1029.7	1325.6	1670.1	2118.0
-25°	0.0	10.1	27.2	104.0	273.5	503.2	743.5	1003.7	1294.8	1614.1	2035.0
-27.5°	0.0	10.2	28.1	102.8	265.6	487.7	724.6	974.1	1258.0	1559.8	1961.4
-30°	0.0	10.3	28.8	100.6	255.6	470.1	702.8	941.2	1217.9	1513.9	1882.9
-32.5°	0.0	10.3	29.3	97.7	244.0	450.5	678.0	910.7	1175.3	1460.9	1798.9
-35°	0.0	10.3	29.7	93.9	231.1	428.8	651.2	878.6	1129.3	1400.8	1709.8
-37.5°	0.0	10.2	29.9	89.2	216.8	407.0	622.4	843.1	1080.0	1333.7	1621.7
-40°	0.0	10.1	30.0	83.6	201.3	387.2	591.3	804.3	1027.5	1270.2	1534.9
-42.5°	0.0	10.0	29.8	77.6	189.6	366.0	558.1	762.3	976.8	1203.2	1441.3
-45°	0.0	9.8	29.4	71.5	181.5	343.5	522.8	718.8	924.9	1131.7	1344.3
-47.5°	0.0	9.5	28.9	64.5	172.1	319.7	485.6	675.2	869.3	1056.7	1260.4
-50°	0.0	9.2	28.2	62.2	161.2	294.6	454.4	629.5	807.9	987.9	1172.6
-52.5°	0.0	8.9	27.3	61.0	148.9	268.3	423.2	581.8	749.1	917.1	1082.5
-55°	0.0	8.5	26.2	59.1	135.3	248.4	390.8	533.5	690.2	844.3	1002.5
-57.5°	0.0	8.1	25.0	56.6	120.3	228.2	357.2	495.2	629.2	774.5	920.7
-60°	0.0	7.7	23.5	53.4	104.7	206.1	323.0	452.7	568.1	704.0	839.0
-62.5°	0.0	7.2	22.1	49.6	97.2	182.3	291.9	406.6	511.7	631.5	759.1
-65°	0.0	6.6	20.5	45.2	88.8	156.9	258.4	358.7	451.8	558.9	677.1
-67.5°	0.0	6.1	18.9	40.4	79.3	135.6	222.9	311.2	388.9	483.0	588.7
-70°	0.0	5.5	17.1	35.0	69.0	118.7	185.5	262.6	332.4	403.7	494.6
-72.5°	0.0	4.9	15.2	30.8	57.9	100.5	156.9	212.9	275.0	337.9	401.7
-75°	0.0	4.2	13.2	26.8	46.1	81.1	128.2	171.5	216.4	271.4	327.0
-77.5°	0.0	3.5	11.1	22.6	38.1	60.9	98.2	132.6	168.3	207.0	251.1
-80°	0.0	2.9	9.0	18.3	30.7	46.4	67.0	92.9	120.5	150.5	182.7
-82.5°	0.0	2.2	6.8	13.8	23.2	35.1	49.2	59.6	72.0	93.1	115.9
-85°	0.0	1.4	4.5	9.2	15.6	23.5	33.0	39.8	46.9	54.3	62.0
-87.5°	0.0	0.7	2.3	4.6	7.8	11.8	16.5	19.9	23.5	27.2	31.0
-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-SA6E-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°	1.1	1.2	1.3	1.4	1.5	1.5	1.6	1.7	1.8	1.8	1.9
85°	2.2	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
82.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
80°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
77.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
75°	2.4	2.4	2.6	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4
72.5°	2.8	3.1	3.0	2.7	2.4	2.4	2.4	2.4	2.4	2.4	2.4
70°	3.7	3.8	3.3	2.8	2.4	2.5	2.7	2.6	2.4	2.4	2.4
67.5°	4.5	4.0	3.4	3.3	3.3	3.6	3.5	2.9	2.4	2.4	2.5
65°	4.6	4.1	5.9	6.7	4.9	4.2	3.6	3.0	3.3	3.4	3.4
62.5°	7.0	8.8	11.3	20.0	14.9	4.3	7.8	9.2	6.8	5.6	6.0
60°	23.1	15.7	46.7	66.9	41.8	15.3	18.6	61.9	53.7	9.9	33.5
57.5°	48.7	66.8	123.1	125.3	86.7	59.8	173.9	200.9	152.1	88.7	135.7
55°	107.2	164.7	204.1	188.9	206.3	312.5	371.3	333.5	280.8	431.9	551.8
52.5°	209.4	268.2	281.5	323.2	462.7	531.6	509.4	544.7	706.4	877.3	914.3
50°	309.2	357.2	394.7	570.7	679.7	686.6	737.3	897.5	1113.1	1217.7	1192.4
47.5°	405.6	455.4	629.7	798.8	847.8	915.0	1041.6	1350.7	1579.1	1583.6	1557.8
45°	507.6	640.5	863.0	973.3	1052.8	1182.6	1488.5	1914.9	1937.1	1999.0	2380.1
42.5°	616.7	849.4	1043.6	1158.3	1286.7	1529.0	1937.2	2217.0	2313.2	2584.5	2890.9
40°	793.3	1051.3	1220.9	1367.5	1532.7	1886.2	2333.3	2595.4	2673.6	2908.4	3138.9
37.5°	972.5	1219.9	1410.0	1586.8	1815.7	2292.9	2810.3	3026.4	3065.9	3108.9	3619.4
35°	1145.1	1392.8	1620.3	1851.7	2132.5	2819.5	3271.6	3474.8	3468.6	3758.4	4293.0
32.5°	1306.4	1569.5	1838.1	2147.6	2610.8	3314.6	3766.9	3888.6	4073.2	4495.0	5224.6
30°	1467.5	1766.7	2075.0	2443.8	3030.6	3640.6	4157.0	4352.8	4669.1	5150.4	5681.4
27.5°	1633.5	1968.8	2341.7	2773.8	3361.9	3922.7	4363.7	4831.6	5138.8	5570.2	5948.0
25°	1798.8	2182.8	2605.0	3062.3	3598.7	4121.4	4577.5	5117.8	5447.7	5795.5	6148.0
22.5°	1972.1	2399.7	2876.6	3291.0	3798.4	4290.3	4833.3	5419.3	5848.3	6069.4	6305.9
20°	2153.4	2634.5	3143.0	3602.1	3995.4	4447.1	5090.1	5802.1	6356.0	6604.7	6637.1
17.5°	2331.9	2861.9	3408.7	3905.7	4329.9	4732.0	5359.7	6260.8	6949.5	7180.7	7283.5
15°	2506.1	3080.7	3672.9	4201.2	4666.8	5158.5	5828.8	6745.1	7532.5	7788.3	7950.1
12.5°	2674.2	3289.3	3932.8	4486.9	5004.0	5555.5	6254.8	7093.6	7812.3	8307.2	8604.0
10°	2834.4	3486.2	4185.1	4761.1	5337.3	5923.7	6607.3	7353.2	7938.3	8415.6	8837.0
7.5°	2915.2	3615.0	4401.9	5022.0	5662.3	6264.0	6895.9	7536.2	8029.0	8497.2	8904.6
5°	2970.1	3667.8	4469.6	5113.0	5835.0	6491.0	7104.6	7656.4	8088.2	8552.3	8950.2
2.5°	3009.3	3702.1	4515.5	5162.8	5899.8	6560.8	7164.7	7696.6	8137.1	8591.7	8999.1
0°	3033.0	3718.4	4538.9	5193.4	5940.4	6606.8	7199.6	7711.8	8169.5	8610.6	9049.3
-2.5°	3046.4	3768.2	4554.5	5272.1	5979.6	6646.4	7248.5	7748.5	8226.7	8646.5	9086.3
-5°	3044.8	3797.8	4550.4	5325.0	5998.4	6661.8	7272.9	7765.0	8257.8	8673.4	9101.3
-7.5°	3028.3	3804.7	4529.8	5341.6	5999.2	6656.6	7262.2	7773.0	8257.3	8698.0	9102.7
-10°	2998.8	3777.8	4510.9	5298.7	5976.2	6629.6	7229.4	7755.5	8238.0	8693.0	9094.9
-12.5°	2964.0	3722.3	4471.3	5237.0	5929.4	6579.1	7179.6	7711.1	8201.9	8655.8	9076.7
-15°	2911.8	3648.6	4406.4	5158.6	5858.2	6505.8	7115.0	7638.6	8146.2	8590.8	9022.9
-17.5°	2841.7	3557.2	4314.9	5065.6	5762.4	6410.0	7032.1	7543.0	8048.1	8507.4	8924.5
-20°	2753.4	3448.9	4196.2	4959.9	5640.6	6281.5	6884.2	7419.2	7921.1	8388.2	8826.5



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 CATALOG NUMBER: GFLD-SA6E-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°	2646.6	3324.4	4053.2	4817.2	5488.8	6122.4	6717.8	7261.4	7781.5	8233.3	8700.3
-25°	2539.7	3192.9	3895.1	4619.8	5312.3	5943.3	6540.5	7070.1	7601.6	8071.6	8515.2
-27.5°	2437.2	3040.2	3711.7	4402.3	5112.4	5740.4	6332.2	6862.2	7378.2	7892.0	8319.1
-30°	2322.2	2863.6	3510.5	4170.3	4862.4	5501.8	6098.0	6648.0	7139.1	7646.4	8105.0
-32.5°	2195.3	2676.3	3298.1	3932.8	4585.5	5238.9	5829.6	6375.9	6886.8	7366.7	7848.0
-35°	2071.3	2525.1	3073.1	3677.8	4292.0	4933.1	5524.2	6065.2	6595.4	7070.7	7530.8
-37.5°	1959.7	2361.3	2833.8	3411.4	3998.4	4604.8	5206.0	5729.7	6234.2	6756.9	7205.5
-40°	1838.9	2185.4	2626.6	3137.2	3690.4	4267.1	4842.7	5384.5	5858.8	6375.3	6868.6
-42.5°	1712.5	2042.1	2422.2	2846.9	3369.1	3912.8	4468.4	4998.4	5491.0	5978.2	6467.1
-45°	1601.7	1890.5	2214.2	2602.2	3027.4	3538.8	4064.9	4593.2	5065.8	5530.2	6013.0
-47.5°	1484.0	1738.1	2037.4	2347.3	2716.9	3144.5	3639.2	4126.5	4610.3	5052.1	5479.4
-50°	1366.7	1600.9	1846.8	2125.8	2430.8	2777.4	3188.3	3641.3	4083.2	4536.9	4960.1
-52.5°	1265.6	1456.5	1678.8	1911.6	2172.7	2459.5	2788.7	3160.7	3562.7	3947.6	4369.9
-55°	1160.6	1332.8	1512.2	1717.2	1934.5	2176.5	2446.4	2759.0	3065.7	3421.7	3766.4
-57.5°	1065.0	1210.2	1363.1	1532.4	1721.1	1914.8	2150.7	2394.0	2672.3	2948.9	3221.9
-60°	974.7	1093.4	1223.2	1366.5	1518.2	1690.5	1866.6	2075.5	2299.7	2520.6	2752.1
-62.5°	883.8	983.6	1089.4	1208.5	1340.7	1471.0	1621.3	1782.2	1947.2	2134.4	2317.0
-65°	790.3	871.0	960.7	1059.4	1164.9	1275.9	1391.4	1510.5	1650.8	1788.0	1920.8
-67.5°	691.0	760.0	832.6	910.3	998.9	1086.0	1173.0	1273.6	1376.9	1478.5	1583.6
-70°	580.9	646.0	706.5	769.6	835.3	903.6	977.9	1051.8	1124.6	1200.7	1285.1
-72.5°	469.0	528.9	582.1	628.7	682.7	739.4	793.8	845.6	900.6	958.3	1015.5
-75°	374.0	413.6	461.1	504.6	547.5	587.5	623.3	667.3	713.2	755.1	789.6
-77.5°	292.0	327.9	360.4	389.5	423.7	463.8	498.7	528.6	557.8	589.6	623.2
-80°	212.4	242.2	271.9	298.8	318.5	341.1	367.9	398.5	425.0	446.6	466.2
-82.5°	137.1	158.7	180.7	203.1	212.3	218.5	224.4	235.0	251.4	267.6	283.1
-85°	68.3	74.6	88.1	101.8	106.6	109.9	112.2	113.5	119.0	124.2	128.7
-87.5°	34.2	37.3	40.4	43.5	41.9	39.7	36.9	33.6	32.8	31.8	30.6
-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: P645583 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-722-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°	2.0	2.0	2.1	2.1	2.2	1.7	1.1	0.6	0.0	0.0	0.0
85°	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.2	2.2	1.7	1.2
82.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3
80°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
77.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
75°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
72.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
70°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
67.5°	2.6	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.1	1.5
65°	3.3	3.2	3.4	3.3	2.9	2.8	3.0	2.9	2.6	2.1	1.4
62.5°	5.9	6.7	5.3	5.2	5.1	5.0	4.8	4.5	4.2	4.0	4.1
60°	37.2	21.9	12.8	15.0	13.4	9.0	11.4	13.4	13.5	12.4	10.9
57.5°	206.1	153.9	114.0	272.1	273.0	130.3	156.9	246.7	203.2	66.8	62.0
55°	573.4	685.8	902.7	857.4	871.3	1002.2	1094.3	968.8	949.7	1012.0	1169.1
52.5°	1030.2	1137.4	1210.3	1278.5	1361.6	1450.8	1542.7	1601.3	1655.9	1714.2	1748.9
50°	1315.6	1466.6	1570.3	1532.1	1747.0	1834.9	1745.6	1825.4	1922.8	1949.5	1962.0
47.5°	1942.5	2164.0	2208.0	2350.7	2478.8	2476.1	2367.2	2373.6	2663.3	2918.9	3044.4
45°	2791.7	2799.2	2938.5	3190.4	3370.5	3313.8	3465.8	3811.4	3926.4	4037.6	4128.8
42.5°	3122.5	3259.6	3481.8	3704.6	3838.9	3955.3	4067.8	4194.8	4344.2	4465.3	4562.1
40°	3442.8	3553.3	3780.8	3960.3	4071.5	4180.2	4311.3	4452.0	4588.6	4695.1	4767.7
37.5°	3935.8	4021.5	4076.9	4243.4	4453.7	4356.6	4605.4	4783.8	4865.4	4973.5	4983.2
35°	4681.7	4624.8	4551.0	5213.9	5253.6	5029.7	5262.4	5538.9	5393.2	5696.8	5860.0
32.5°	5343.0	5334.5	5913.1	6261.7	6061.1	6224.9	6761.2	6737.4	7094.9	7260.8	7213.5
30°	5965.9	6178.5	6513.2	6772.7	6807.5	7065.6	7303.9	7512.5	7728.3	7921.8	7935.1
27.5°	6282.2	6559.6	6786.8	6937.0	7104.6	7321.8	7537.9	7772.9	7956.5	8077.8	8107.4
25°	6473.5	6756.9	6928.9	7090.6	7275.6	7463.0	7705.0	7961.0	8108.4	8183.2	8207.1
22.5°	6642.2	6896.8	7081.7	7212.9	7412.0	7613.7	7839.3	8055.9	8216.1	8248.8	8260.8
20°	6804.5	7049.2	7358.0	7551.2	7541.6	7768.7	7986.1	8158.4	8291.9	8291.2	8294.4
17.5°	7274.2	7361.5	7922.0	8347.6	8136.9	8025.7	8623.7	8635.0	8670.5	8599.9	8447.0
15°	7969.6	8128.6	8817.2	9278.5	9133.2	9125.6	9989.2	9775.1	9959.4	9911.2	10118.6
12.5°	8706.2	8894.4	9409.0	9862.0	10077.8	10130.8	10419.3	10689.7	10745.2	10723.3	10682.5
10°	9208.0	9476.2	9682.8	9957.8	10175.5	10397.6	10564.7	10758.8	10822.4	10785.6	10733.6
7.5°	9273.3	9538.4	9781.0	10022.3	10229.6	10408.6	10581.9	10740.0	10804.6	10783.3	10747.6
5°	9314.9	9555.0	9790.2	10035.0	10233.2	10399.0	10571.8	10731.9	10770.1	10744.4	10709.6
2.5°	9340.5	9562.7	9789.4	10033.2	10213.2	10371.1	10546.0	10716.8	10716.5	10705.3	10684.9
0°	9352.9	9575.8	9839.0	10059.6	10261.1	10410.5	10583.6	10749.6	10737.8	10706.9	10671.4
-2.5°	9379.5	9605.4	9874.0	10056.8	10284.1	10420.8	10599.8	10743.6	10738.1	10722.8	10705.2
-5°	9403.3	9657.3	9908.6	10100.9	10328.6	10507.6	10685.4	10797.8	10803.8	10782.7	10753.0
-7.5°	9417.8	9699.3	9939.1	10132.2	10353.1	10561.2	10741.6	10859.5	10862.1	10834.0	10798.6
-10°	9412.9	9710.2	9957.0	10156.5	10382.8	10588.2	10776.8	10926.4	10921.5	10894.8	10864.5
-12.5°	9395.2	9692.1	9945.5	10145.7	10402.6	10614.1	10826.2	10975.0	10982.9	10962.9	10930.2
-15°	9356.1	9662.6	9909.2	10127.7	10379.5	10626.8	10844.7	11008.9	11038.2	11021.8	10995.9
-17.5°	9278.8	9602.3	9863.8	10099.3	10340.9	10604.5	10852.4	11031.9	11071.9	11065.4	11043.9
-20°	9177.4	9511.2	9776.7	10023.4	10286.3	10557.9	10846.4	11010.4	11068.5	11072.2	11057.7



REPORT NUMBER: P645583 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-722-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°	9063.5	9390.3	9671.9	9914.5	10199.7	10474.5	10735.7	10927.8	11025.4	11043.5	11044.8
-25°	8926.9	9262.7	9542.5	9800.9	10066.1	10350.0	10613.9	10828.4	10927.3	10974.5	10989.2
-27.5°	8733.9	9081.0	9356.3	9629.4	9899.2	10192.5	10469.9	10703.1	10783.5	10848.5	10874.6
-30°	8507.9	8851.2	9131.8	9381.4	9690.1	9989.1	10275.4	10478.9	10600.2	10674.6	10715.2
-32.5°	8247.9	8594.5	8889.1	9149.7	9443.1	9742.0	10011.5	10226.0	10393.3	10479.1	10522.5
-35°	7966.1	8319.8	8628.2	8902.8	9179.1	9464.0	9743.1	9967.6	10158.3	10231.9	10286.3
-37.5°	7626.0	8016.3	8332.5	8615.7	8878.2	9146.1	9436.7	9693.4	9878.5	9950.0	10007.4
-40°	7277.4	7654.6	7973.5	8275.6	8535.1	8827.6	9107.6	9376.5	9537.1	9620.5	9685.5
-42.5°	6909.4	7250.1	7553.4	7846.9	8135.8	8436.8	8716.7	8996.2	9135.2	9235.6	9315.3
-45°	6484.5	6801.6	7096.3	7370.9	7668.8	7964.8	8244.7	8491.8	8657.1	8787.9	8889.7
-47.5°	5918.1	6304.3	6600.3	6861.4	7156.7	7442.3	7713.6	7945.9	8127.2	8280.2	8398.4
-50°	5342.8	5713.5	6047.3	6340.7	6614.7	6878.7	7137.0	7364.2	7556.1	7721.9	7841.6
-52.5°	4776.3	5123.6	5454.8	5757.7	6021.0	6270.3	6506.6	6735.3	6937.5	7114.9	7230.7
-55°	4136.1	4495.9	4823.5	5105.9	5369.1	5615.5	5848.8	6065.6	6264.8	6445.3	6556.3
-57.5°	3535.6	3851.2	4156.0	4416.7	4665.1	4899.8	5121.0	5328.5	5520.2	5690.1	5797.1
-60°	2983.5	3213.7	3476.0	3716.7	3936.9	4136.7	4343.1	4536.5	4712.6	4862.0	4961.7
-62.5°	2495.6	2686.3	2875.7	3058.8	3237.4	3416.9	3589.6	3750.1	3897.3	4019.6	4107.0
-65°	2060.9	2214.1	2351.1	2480.9	2604.6	2746.1	2877.5	3001.1	3115.4	3209.2	3275.8
-67.5°	1696.9	1804.6	1899.4	1988.4	2086.0	2186.0	2279.7	2361.4	2431.3	2486.9	2530.8
-70°	1368.4	1447.7	1519.1	1590.1	1661.3	1726.4	1788.4	1848.5	1905.6	1952.2	1987.0
-72.5°	1071.7	1125.8	1174.5	1229.1	1280.4	1329.7	1372.7	1407.4	1434.3	1460.5	1483.3
-75°	817.0	857.7	912.6	958.9	997.2	1031.0	1062.1	1089.7	1114.1	1135.6	1154.6
-77.5°	657.2	691.7	726.6	760.5	793.2	817.4	840.0	862.6	884.7	903.8	920.6
-80°	487.1	512.8	539.8	566.9	593.9	607.4	618.1	628.0	636.8	648.2	658.8
-82.5°	297.8	312.4	327.4	342.6	357.7	361.5	362.8	362.5	360.5	356.4	350.1
-85°	132.5	133.3	132.9	131.4	128.9	123.6	117.2	109.8	101.4	100.1	98.6
-87.5°	29.2	28.5	27.8	26.9	25.8	25.8	25.7	25.5	25.2	26.1	26.9
-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: P645583 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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	0.6
85°	0.6	0.0	0.0	0.0	0.0	0.0	0.6	1.2	1.7	2.2	2.2
82.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.4	2.4	2.4
80°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
77.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
75°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
72.5°	2.4	2.4	1.3	0.0	1.3	2.4	2.4	2.4	2.4	2.4	2.4
70°	2.4	2.4	1.3	0.0	1.3	2.4	2.4	2.4	2.4	2.4	2.4
67.5°	0.9	0.2	0.0	0.0	0.0	0.2	0.9	1.5	2.1	2.4	2.4
65°	0.8	0.1	0.0	0.0	0.0	0.1	0.8	1.4	2.1	2.6	2.9
62.5°	4.3	4.5	4.6	4.7	4.6	4.5	4.3	4.1	4.0	4.2	4.5
60°	8.5	5.6	4.7	4.7	4.7	5.6	8.5	10.9	12.4	13.5	13.4
57.5°	52.4	39.1	33.2	30.8	33.2	39.1	52.4	62.0	66.8	203.2	246.7
55°	1281.6	1346.8	1395.5	1418.1	1395.5	1346.8	1281.6	1169.1	1012.0	949.7	968.8
52.5°	1779.4	1807.8	1824.2	1823.6	1824.2	1807.8	1779.4	1748.9	1714.2	1655.9	1601.3
50°	1983.4	1997.2	2002.1	1999.1	2002.1	1997.2	1983.4	1962.0	1949.5	1922.8	1825.4
47.5°	2929.7	2676.2	2489.7	2444.9	2489.7	2676.2	2929.7	3044.4	2918.9	2663.3	2373.6
45°	4172.5	4268.7	4364.4	4394.2	4364.4	4268.7	4172.5	4128.8	4037.6	3926.4	3811.4
42.5°	4602.9	4634.2	4652.0	4652.7	4652.0	4634.2	4602.9	4562.1	4465.3	4344.2	4194.8
40°	4808.3	4837.9	4855.1	4856.7	4855.1	4837.9	4808.3	4767.7	4695.1	4588.6	4452.0
37.5°	4995.0	5020.1	5036.7	5053.5	5036.7	5020.1	4995.0	4983.2	4973.5	4865.4	4783.8
35°	5837.9	5647.0	5372.4	5413.9	5372.4	5647.0	5837.9	5860.0	5696.8	5393.2	5538.9
32.5°	7287.4	7367.7	7417.8	7503.2	7417.8	7367.7	7287.4	7213.5	7260.8	7094.9	6737.4
30°	7956.2	7982.7	8022.9	8065.2	8022.9	7982.7	7956.2	7935.1	7921.8	7728.3	7512.5
27.5°	8123.1	8150.6	8175.0	8193.2	8175.0	8150.6	8123.1	8107.4	8077.8	7956.5	7772.9
25°	8210.5	8227.5	8253.4	8276.2	8253.4	8227.5	8210.5	8207.1	8183.2	8108.4	7961.0
22.5°	8253.8	8255.6	8275.9	8304.7	8275.9	8255.6	8253.8	8260.8	8248.8	8216.1	8055.9
20°	8283.6	8267.4	8288.4	8307.1	8288.4	8267.4	8283.6	8294.4	8291.2	8291.9	8158.4
17.5°	8662.7	8446.5	8357.6	8359.2	8357.6	8446.5	8662.7	8447.0	8599.9	8670.5	8635.0
15°	9885.8	9967.0	10278.0	10446.1	10278.0	9967.0	9885.8	10118.6	9911.2	9959.4	9775.1
12.5°	10675.0	10646.1	10609.2	10659.5	10609.2	10646.1	10675.0	10682.5	10723.3	10745.2	10689.7
10°	10711.6	10708.2	10642.4	10714.1	10642.4	10708.2	10711.6	10733.6	10785.6	10822.4	10758.8
7.5°	10689.1	10691.1	10663.1	10733.0	10663.1	10691.1	10689.1	10747.6	10783.3	10804.6	10740.0
5°	10704.0	10655.7	10674.0	10714.1	10674.0	10655.7	10704.0	10709.6	10744.4	10770.1	10731.9
2.5°	10662.6	10657.6	10622.0	10650.0	10622.0	10657.6	10662.6	10684.9	10705.3	10716.5	10716.8
0°	10631.1	10605.0	10605.0	10628.7	10605.0	10605.0	10631.1	10671.4	10706.9	10737.8	10749.6
-2.5°	10687.2	10681.7	10678.3	10661.9	10678.3	10681.7	10687.2	10705.2	10722.8	10738.1	10743.6
-5°	10733.2	10719.1	10680.3	10733.0	10680.3	10719.1	10733.2	10753.0	10782.7	10803.8	10797.8
-7.5°	10782.8	10746.8	10710.0	10792.3	10710.0	10746.8	10782.8	10798.6	10834.0	10862.1	10859.5
-10°	10828.2	10776.1	10740.2	10820.8	10740.2	10776.1	10828.2	10864.5	10894.8	10921.5	10926.4
-12.5°	10888.0	10827.1	10803.2	10846.9	10803.2	10827.1	10888.0	10930.2	10962.9	10982.9	10975.0
-15°	10951.8	10909.7	10904.1	10929.9	10904.1	10909.7	10951.8	10995.9	11021.8	11038.2	11008.9
-17.5°	11007.9	10978.4	10993.0	11022.3	10993.0	10978.4	11007.9	11043.9	11065.4	11071.9	11031.9
-20°	11034.7	11018.2	11034.6	11107.7	11034.6	11018.2	11034.7	11057.7	11072.2	11068.5	11010.4



REPORT NUMBER: P645583 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	11032.4	11033.5	11062.5	11086.4	11062.5	11033.5	11032.4	11044.8	11043.5	11025.4	10927.8
-25°	10990.3	11012.5	11045.8	11093.5	11045.8	11012.5	10990.3	10989.2	10974.5	10927.3	10828.4
-27.5°	10888.8	10925.6	10960.4	11010.5	10960.4	10925.6	10888.8	10874.6	10848.5	10783.5	10703.1
-30°	10742.0	10785.8	10816.8	10870.6	10816.8	10785.8	10742.0	10715.2	10674.6	10600.2	10478.9
-32.5°	10563.3	10613.0	10649.7	10688.0	10649.7	10613.0	10563.3	10522.5	10479.1	10393.3	10226.0
-35°	10340.0	10393.5	10432.5	10467.4	10432.5	10393.5	10340.0	10286.3	10231.9	10158.3	9967.6
-37.5°	10071.8	10129.4	10173.8	10213.7	10173.8	10129.4	10071.8	10007.4	9950.0	9878.5	9693.4
-40°	9759.2	9818.2	9865.7	9910.2	9865.7	9818.2	9759.2	9685.5	9620.5	9537.1	9376.5
-42.5°	9393.7	9453.3	9502.3	9547.3	9502.3	9453.3	9393.7	9315.3	9235.6	9135.2	8996.2
-45°	8971.7	9033.1	9084.8	9132.3	9084.8	9033.1	8971.7	8889.7	8787.9	8657.1	8491.8
-47.5°	8485.5	8551.2	8595.5	8617.7	8595.5	8551.2	8485.5	8398.4	8280.2	8127.2	7945.9
-50°	7928.4	7994.0	8047.2	8086.5	8047.2	7994.0	7928.4	7841.6	7721.9	7556.1	7364.2
-52.5°	7315.2	7377.6	7423.3	7451.0	7423.3	7377.6	7315.2	7230.7	7114.9	6937.5	6735.3
-55°	6643.6	6709.0	6752.4	6772.8	6752.4	6709.0	6643.6	6556.3	6445.3	6264.8	6065.6
-57.5°	5882.0	5944.2	5990.3	6016.3	5990.3	5944.2	5882.0	5797.1	5690.1	5520.2	5328.5
-60°	5039.4	5095.0	5130.0	5143.6	5130.0	5095.0	5039.4	4961.7	4862.0	4712.6	4536.5
-62.5°	4177.5	4230.1	4262.9	4275.7	4262.9	4230.1	4177.5	4107.0	4019.6	3897.3	3750.1
-65°	3325.5	3358.5	3376.7	3379.3	3376.7	3358.5	3325.5	3275.8	3209.2	3115.4	3001.1
-67.5°	2565.5	2590.5	2605.8	2610.9	2605.8	2590.5	2565.5	2530.8	2486.9	2431.3	2361.4
-70°	2013.0	2030.3	2040.1	2041.8	2040.1	2030.3	2013.0	1987.0	1952.2	1905.6	1848.5
-72.5°	1500.8	1513.2	1508.8	1498.7	1508.8	1513.2	1500.8	1483.3	1460.5	1434.3	1407.4
-75°	1170.9	1184.5	1178.8	1169.1	1178.8	1184.5	1170.9	1154.6	1135.6	1114.1	1089.7
-77.5°	935.3	947.7	941.6	932.0	941.6	947.7	935.3	920.6	903.8	884.7	862.6
-80°	667.9	675.2	680.4	683.0	680.4	675.2	667.9	658.8	648.2	636.8	628.0
-82.5°	341.9	331.9	325.5	317.8	325.5	331.9	341.9	350.1	356.4	360.5	362.5
-85°	96.7	94.4	95.9	97.2	95.9	94.4	96.7	98.6	100.1	101.4	109.8
-87.5°	27.7	28.4	28.5	28.5	28.5	28.4	27.7	26.9	26.1	25.2	25.5
-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: P645583 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	1.1	1.7	2.2	2.1	2.1	2.0	2.0	1.9	1.8	1.8	1.7
85°	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
82.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
80°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
77.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
75°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
72.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
70°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.6
67.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.6	2.5	2.4	2.4	2.9
65°	3.0	2.8	2.9	3.3	3.4	3.2	3.3	3.4	3.4	3.3	3.0
62.5°	4.8	5.0	5.1	5.2	5.3	6.7	5.9	6.0	5.6	6.8	9.2
60°	11.4	9.0	13.4	15.0	12.8	21.9	37.2	33.5	9.9	53.7	61.9
57.5°	156.9	130.3	273.0	272.1	114.0	153.9	206.1	135.7	88.7	152.1	200.9
55°	1094.3	1002.2	871.3	857.4	902.7	685.8	573.4	551.8	431.9	280.8	333.5
52.5°	1542.7	1450.8	1361.6	1278.5	1210.3	1137.4	1030.2	914.3	877.3	706.4	544.7
50°	1745.6	1834.9	1747.0	1532.1	1570.3	1466.6	1315.6	1192.4	1217.7	1113.1	897.5
47.5°	2367.2	2476.1	2478.8	2350.7	2208.0	2164.0	1942.5	1557.8	1583.6	1579.1	1350.7
45°	3465.8	3313.8	3370.5	3190.4	2938.5	2799.2	2791.7	2380.1	1999.0	1937.1	1914.9
42.5°	4067.8	3955.3	3838.9	3704.6	3481.8	3259.6	3122.5	2890.9	2584.5	2313.2	2217.0
40°	4311.3	4180.2	4071.5	3960.3	3780.8	3553.3	3442.8	3138.9	2908.4	2673.6	2595.4
37.5°	4605.4	4356.6	4453.7	4243.4	4076.9	4021.5	3935.8	3619.4	3108.9	3065.9	3026.4
35°	5262.4	5029.7	5253.6	5213.9	4551.0	4624.8	4681.7	4293.0	3758.4	3468.6	3474.8
32.5°	6761.2	6224.9	6061.1	6261.7	5913.1	5334.5	5343.0	5224.6	4495.0	4073.2	3888.6
30°	7303.9	7065.6	6807.5	6772.7	6513.2	6178.5	5965.9	5681.4	5150.4	4669.1	4352.8
27.5°	7537.9	7321.8	7104.6	6937.0	6786.8	6559.6	6282.2	5948.0	5570.2	5138.8	4831.6
25°	7705.0	7463.0	7275.6	7090.6	6928.9	6756.9	6473.5	6148.0	5795.5	5447.7	5117.8
22.5°	7839.3	7613.7	7412.0	7212.9	7081.7	6896.8	6642.2	6305.9	6069.4	5848.3	5419.3
20°	7986.1	7768.7	7541.6	7551.2	7358.0	7049.2	6804.5	6637.1	6604.7	6356.0	5802.1
17.5°	8623.7	8025.7	8136.9	8347.6	7922.0	7361.5	7274.2	7283.5	7180.7	6949.5	6260.8
15°	9989.2	9125.6	9133.2	9278.5	8817.2	8128.6	7969.6	7950.1	7788.3	7532.5	6745.1
12.5°	10419.3	10130.8	10077.8	9862.0	9409.0	8894.4	8706.2	8604.0	8307.2	7812.3	7093.6
10°	10564.7	10397.6	10175.5	9957.8	9682.8	9476.2	9208.0	8837.0	8415.6	7938.3	7353.2
7.5°	10581.9	10408.6	10229.6	10022.3	9781.0	9538.4	9273.3	8904.6	8497.2	8029.0	7536.2
5°	10571.8	10399.0	10233.2	10035.0	9790.2	9555.0	9314.9	8950.2	8552.3	8088.2	7656.4
2.5°	10546.0	10371.1	10213.2	10033.2	9789.4	9562.7	9340.5	8999.1	8591.7	8137.1	7696.6
0°	10583.6	10410.5	10261.1	10059.6	9839.0	9575.8	9352.9	9049.3	8610.6	8169.5	7711.8
-2.5°	10599.8	10420.8	10284.1	10056.8	9874.0	9605.4	9379.5	9086.3	8646.5	8226.7	7748.5
-5°	10685.4	10507.6	10328.6	10100.9	9908.6	9657.3	9403.3	9101.3	8673.4	8257.8	7765.0
-7.5°	10741.6	10561.2	10353.1	10132.2	9939.1	9699.3	9417.8	9102.7	8698.0	8257.3	7773.0
-10°	10776.8	10588.2	10382.8	10156.5	9957.0	9710.2	9412.9	9094.9	8693.0	8238.0	7755.5
-12.5°	10826.2	10614.1	10402.6	10145.7	9945.5	9692.1	9395.2	9076.7	8655.8	8201.9	7711.1
-15°	10844.7	10626.8	10379.5	10127.7	9909.2	9662.6	9356.1	9022.9	8590.8	8146.2	7638.6
-17.5°	10852.4	10604.5	10340.9	10099.3	9863.8	9602.3	9278.8	8924.5	8507.4	8048.1	7543.0
-20°	10846.4	10557.9	10286.3	10023.4	9776.7	9511.2	9177.4	8826.5	8388.2	7921.1	7419.2



REPORT NUMBER: P645583 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	10735.7	10474.5	10199.7	9914.5	9671.9	9390.3	9063.5	8700.3	8233.3	7781.5	7261.4
-25°	10613.9	10350.0	10066.1	9800.9	9542.5	9262.7	8926.9	8515.2	8071.6	7601.6	7070.1
-27.5°	10469.9	10192.5	9899.2	9629.4	9356.3	9081.0	8733.9	8319.1	7892.0	7378.2	6862.2
-30°	10275.4	9989.1	9690.1	9381.4	9131.8	8851.2	8507.9	8105.0	7646.4	7139.1	6648.0
-32.5°	10011.5	9742.0	9443.1	9149.7	8889.1	8594.5	8247.9	7848.0	7366.7	6886.8	6375.9
-35°	9743.1	9464.0	9179.1	8902.8	8628.2	8319.8	7966.1	7530.8	7070.7	6595.4	6065.2
-37.5°	9436.7	9146.1	8878.2	8615.7	8332.5	8016.3	7626.0	7205.5	6756.9	6234.2	5729.7
-40°	9107.6	8827.6	8535.1	8275.6	7973.5	7654.6	7277.4	6868.6	6375.3	5858.8	5384.5
-42.5°	8716.7	8436.8	8135.8	7846.9	7553.4	7250.1	6909.4	6467.1	5978.2	5491.0	4998.4
-45°	8244.7	7964.8	7668.8	7370.9	7096.3	6801.6	6484.5	6013.0	5530.2	5065.8	4593.2
-47.5°	7713.6	7442.3	7156.7	6861.4	6600.3	6304.3	5918.1	5479.4	5052.1	4610.3	4126.5
-50°	7137.0	6878.7	6614.7	6340.7	6047.3	5713.5	5342.8	4960.1	4536.9	4083.2	3641.3
-52.5°	6506.6	6270.3	6021.0	5757.7	5454.8	5123.6	4776.3	4369.9	3947.6	3562.7	3160.7
-55°	5848.8	5615.5	5369.1	5105.9	4823.5	4495.9	4136.1	3766.4	3421.7	3065.7	2759.0
-57.5°	5121.0	4899.8	4665.1	4416.7	4156.0	3851.2	3535.6	3221.9	2948.9	2672.3	2394.0
-60°	4343.1	4136.7	3936.9	3716.7	3476.0	3213.7	2983.5	2752.1	2520.6	2299.7	2075.5
-62.5°	3589.6	3416.9	3237.4	3058.8	2875.7	2686.3	2495.6	2317.0	2134.4	1947.2	1782.2
-65°	2877.5	2746.1	2604.6	2480.9	2351.1	2214.1	2060.9	1920.8	1788.0	1650.8	1510.5
-67.5°	2279.7	2186.0	2086.0	1988.4	1899.4	1804.6	1696.9	1583.6	1478.5	1376.9	1273.6
-70°	1788.4	1726.4	1661.3	1590.1	1519.1	1447.7	1368.4	1285.1	1200.7	1124.6	1051.8
-72.5°	1372.7	1329.7	1280.4	1229.1	1174.5	1125.8	1071.7	1015.5	958.3	900.6	845.6
-75°	1062.1	1031.0	997.2	958.9	912.6	857.7	817.0	789.6	755.1	713.2	667.3
-77.5°	840.0	817.4	793.2	760.5	726.6	691.7	657.2	623.2	589.6	557.8	528.6
-80°	618.1	607.4	593.9	566.9	539.8	512.8	487.1	466.2	446.6	425.0	398.5
-82.5°	362.8	361.5	357.7	342.6	327.4	312.4	297.8	283.1	267.6	251.4	235.0
-85°	117.2	123.6	128.9	131.4	132.9	133.3	132.5	128.7	124.2	119.0	113.5
-87.5°	25.7	25.8	25.8	26.9	27.8	28.5	29.2	30.6	31.8	32.8	33.6
-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: P645583 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	1.6	1.5	1.5	1.4	1.3	1.2	1.1	1.0	1.1	1.2	1.2
85°	2.4	2.4	2.4	2.4	2.4	2.4	2.2	2.0	2.3	2.4	2.5
82.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	3.0	3.6	3.7
80°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.5	3.0	3.6	4.2
77.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.5	3.1	3.7	4.2
75°	2.4	2.4	2.4	2.5	2.6	2.4	2.4	2.6	3.1	3.7	4.3
72.5°	2.4	2.4	2.4	2.7	3.0	3.1	2.8	2.6	3.2	3.7	4.3
70°	2.7	2.5	2.4	2.8	3.3	3.8	3.7	3.8	3.3	3.8	4.4
67.5°	3.5	3.6	3.3	3.3	3.4	4.0	4.5	5.3	5.3	3.9	4.4
65°	3.6	4.2	4.9	6.7	5.9	4.1	4.6	9.3	7.4	6.3	4.5
62.5°	7.8	4.3	14.9	20.0	11.3	8.8	7.0	20.6	12.9	8.7	6.3
60°	18.6	15.3	41.8	66.9	46.7	15.7	23.1	35.8	32.9	11.4	8.9
57.5°	173.9	59.8	86.7	125.3	123.1	66.8	48.7	65.0	55.9	32.2	12.6
55°	371.3	312.5	206.3	188.9	204.1	164.7	107.2	105.2	86.3	59.8	20.4
52.5°	509.4	531.6	462.7	323.2	281.5	268.2	209.4	152.6	135.5	89.7	51.9
50°	737.3	686.6	679.7	570.7	394.7	357.2	309.2	238.4	190.1	128.4	87.8
47.5°	1041.6	915.0	847.8	798.8	629.7	455.4	405.6	326.0	250.4	185.0	125.3
45°	1488.5	1182.6	1052.8	973.3	863.0	640.5	507.6	411.1	326.3	248.3	164.6
42.5°	1937.2	1529.0	1286.7	1158.3	1043.6	849.4	616.7	509.3	400.3	312.8	214.4
40°	2333.3	1886.2	1532.7	1367.5	1220.9	1051.3	793.3	614.3	472.8	379.2	271.1
37.5°	2810.3	2292.9	1815.7	1586.8	1410.0	1219.9	972.5	724.0	560.0	448.9	327.9
35°	3271.6	2819.5	2132.5	1851.7	1620.3	1392.8	1145.1	853.7	667.1	519.6	384.7
32.5°	3766.9	3314.6	2610.8	2147.6	1838.1	1569.5	1306.4	1011.3	774.8	591.2	441.3
30°	4157.0	3640.6	3030.6	2443.8	2075.0	1766.7	1467.5	1162.6	882.8	663.5	498.5
27.5°	4363.7	3922.7	3361.9	2773.8	2341.7	1968.8	1633.5	1307.1	990.6	742.9	557.9
25°	4577.5	4121.4	3598.7	3062.3	2605.0	2182.8	1798.8	1445.0	1108.3	832.5	616.8
22.5°	4833.3	4290.3	3798.4	3291.0	2876.6	2399.7	1972.1	1584.5	1226.0	920.2	674.7
20°	5090.1	4447.1	3995.4	3602.1	3143.0	2634.5	2153.4	1720.7	1337.0	1005.8	731.3
17.5°	5359.7	4732.0	4329.9	3905.7	3408.7	2861.9	2331.9	1852.5	1441.1	1088.6	786.4
15°	5828.8	5158.5	4666.8	4201.2	3672.9	3080.7	2506.1	1979.2	1538.3	1168.1	837.6
12.5°	6254.8	5555.5	5004.0	4486.9	3932.8	3289.3	2674.2	2099.8	1628.3	1231.6	883.2
10°	6607.3	5923.7	5337.3	4761.1	4185.1	3486.2	2834.4	2198.0	1682.3	1278.9	925.2
7.5°	6895.9	6264.0	5662.3	5022.0	4401.9	3615.0	2915.2	2255.2	1724.2	1319.2	963.5
5°	7104.6	6491.0	5835.0	5113.0	4469.6	3667.8	2970.1	2301.8	1757.9	1352.8	998.0
2.5°	7164.7	6560.8	5899.8	5162.8	4515.5	3702.1	3009.3	2337.4	1783.9	1380.1	1028.6
0°	7199.6	6606.8	5940.4	5193.4	4538.9	3718.4	3033.0	2361.9	1802.3	1401.5	1055.3
-2.5°	7248.5	6646.4	5979.6	5272.1	4554.5	3768.2	3046.4	2377.9	1825.5	1409.2	1070.8
-5°	7272.9	6661.8	5998.4	5325.0	4550.4	3797.8	3044.8	2382.9	1840.7	1411.8	1082.2
-7.5°	7262.2	6656.6	5999.2	5341.6	4529.8	3804.7	3028.3	2377.6	1846.8	1409.9	1089.3
-10°	7229.4	6629.6	5976.2	5298.7	4510.9	3777.8	2998.8	2362.5	1843.2	1403.8	1092.0
-12.5°	7179.6	6579.1	5929.4	5237.0	4471.3	3722.3	2964.0	2336.6	1828.3	1394.1	1090.2
-15°	7115.0	6505.8	5858.2	5158.6	4406.4	3648.6	2911.8	2299.0	1799.3	1383.1	1083.8
-17.5°	7032.1	6410.0	5762.4	5065.6	4314.9	3557.2	2841.7	2250.0	1763.1	1369.6	1070.7
-20°	6884.2	6281.5	5640.6	4959.9	4196.2	3448.9	2753.4	2189.7	1719.9	1350.5	1052.1



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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°	6717.8	6122.4	5488.8	4817.2	4053.2	3324.4	2646.6	2118.0	1670.1	1325.6	1029.7
-25°	6540.5	5943.3	5312.3	4619.8	3895.1	3192.9	2539.7	2035.0	1614.1	1294.8	1003.7
-27.5°	6332.2	5740.4	5112.4	4402.3	3711.7	3040.2	2437.2	1961.4	1559.8	1258.0	974.1
-30°	6098.0	5501.8	4862.4	4170.3	3510.5	2863.6	2322.2	1882.9	1513.9	1217.9	941.2
-32.5°	5829.6	5238.9	4585.5	3932.8	3298.1	2676.3	2195.3	1798.9	1460.9	1175.3	910.7
-35°	5524.2	4933.1	4292.0	3677.8	3073.1	2525.1	2071.3	1709.8	1400.8	1129.3	878.6
-37.5°	5206.0	4604.8	3998.4	3411.4	2833.8	2361.3	1959.7	1621.7	1333.7	1080.0	843.1
-40°	4842.7	4267.1	3690.4	3137.2	2626.6	2185.4	1838.9	1534.9	1270.2	1027.5	804.3
-42.5°	4468.4	3912.8	3369.1	2846.9	2422.2	2042.1	1712.5	1441.3	1203.2	976.8	762.3
-45°	4064.9	3538.8	3027.4	2602.2	2214.2	1890.5	1601.7	1344.3	1131.7	924.9	718.8
-47.5°	3639.2	3144.5	2716.9	2347.3	2037.4	1738.1	1484.0	1260.4	1056.7	869.3	675.2
-50°	3188.3	2777.4	2430.8	2125.8	1846.8	1600.9	1366.7	1172.6	987.9	807.9	629.5
-52.5°	2788.7	2459.5	2172.7	1911.6	1678.8	1456.5	1265.6	1082.5	917.1	749.1	581.8
-55°	2446.4	2176.5	1934.5	1717.2	1512.2	1332.8	1160.6	1002.5	844.3	690.2	533.5
-57.5°	2150.7	1914.8	1721.1	1532.4	1363.1	1210.2	1065.0	920.7	774.5	629.2	495.2
-60°	1866.6	1690.5	1518.2	1366.5	1223.2	1093.4	974.7	839.0	704.0	568.1	452.7
-62.5°	1621.3	1471.0	1340.7	1208.5	1089.4	983.6	883.8	759.1	631.5	511.7	406.6
-65°	1391.4	1275.9	1164.9	1059.4	960.7	871.0	790.3	677.1	558.9	451.8	358.7
-67.5°	1173.0	1086.0	998.9	910.3	832.6	760.0	691.0	588.7	483.0	388.9	311.2
-70°	977.9	903.6	835.3	769.6	706.5	646.0	580.9	494.6	403.7	332.4	262.6
-72.5°	793.8	739.4	682.7	628.7	582.1	528.9	469.0	401.7	337.9	275.0	212.9
-75°	623.3	587.5	547.5	504.6	461.1	413.6	374.0	327.0	271.4	216.4	171.5
-77.5°	498.7	463.8	423.7	389.5	360.4	327.9	292.0	251.1	207.0	168.3	132.6
-80°	367.9	341.1	318.5	298.8	271.9	242.2	212.4	182.7	150.5	120.5	92.9
-82.5°	224.4	218.5	212.3	203.1	180.7	158.7	137.1	115.9	93.1	72.0	59.6
-85°	112.2	109.9	106.6	101.8	88.1	74.6	68.3	62.0	54.3	46.9	39.8
-87.5°	36.9	39.7	41.9	43.5	40.4	37.3	34.2	31.0	27.2	23.5	19.9
-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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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°	1.2	1.0	0.8	0.6	0.4	0.3	0.0
85°	2.4	2.0	1.6	1.2	0.8	0.5	0.0
82.5°	3.6	3.0	2.4	1.8	1.2	0.8	0.0
80°	4.7	4.0	3.2	2.4	1.6	1.0	0.0
77.5°	4.7	4.7	4.0	3.0	2.1	1.3	0.0
75°	4.8	4.9	4.7	3.6	2.5	1.5	0.0
72.5°	4.8	5.1	5.0	4.2	2.9	1.8	0.0
70°	5.0	5.2	5.2	4.7	3.3	2.0	0.0
67.5°	5.5	5.4	5.4	5.0	3.7	2.3	0.0
65°	6.3	6.3	5.7	5.2	4.2	2.5	0.0
62.5°	7.4	7.8	5.9	5.5	4.6	2.8	0.0
60°	8.7	9.5	6.2	5.7	5.0	3.0	0.0
57.5°	16.2	11.4	8.0	6.0	5.3	3.3	0.0
55°	25.8	13.5	10.0	6.2	5.5	3.5	0.0
52.5°	37.1	17.3	12.1	6.5	5.8	3.7	0.0
50°	50.0	29.4	14.3	6.8	6.1	4.0	0.0
47.5°	67.3	42.5	16.5	7.4	6.4	4.2	0.0
45°	101.5	56.6	18.9	9.2	6.7	4.4	0.0
42.5°	136.5	71.5	21.4	11.0	7.0	4.6	0.0
40°	172.3	87.3	28.8	13.3	7.3	4.8	0.0
37.5°	208.8	103.9	41.1	16.2	7.6	5.1	0.0
35°	245.9	129.1	53.7	19.3	7.9	5.3	0.0
32.5°	286.1	158.4	66.4	22.8	8.2	5.4	0.0
30°	332.1	187.4	79.2	26.6	8.5	5.6	0.0
27.5°	377.2	216.1	95.1	30.6	8.8	5.8	0.0
25°	421.2	244.3	111.3	34.8	9.2	6.0	0.0
22.5°	463.9	273.0	127.5	39.2	9.5	6.1	0.0
20°	505.1	303.9	143.5	43.8	9.8	6.3	0.0
17.5°	546.0	333.8	159.3	48.4	10.1	6.4	0.0
15°	585.2	362.5	174.7	53.0	10.4	6.6	0.0
12.5°	621.9	389.8	189.5	57.6	10.7	6.7	0.0
10°	655.9	415.7	203.7	62.2	10.9	6.8	0.0
7.5°	687.2	439.9	217.2	66.5	11.2	6.9	0.0
5°	715.6	462.2	229.7	70.7	11.4	7.0	0.0
2.5°	741.1	482.4	241.1	74.7	11.7	7.0	0.0
0°	763.6	500.4	251.4	78.3	11.9	7.1	0.0
-2.5°	774.8	511.8	261.0	83.4	13.8	7.5	0.0
-5°	783.0	520.8	269.1	88.1	15.6	7.9	0.0
-7.5°	788.2	527.3	275.7	92.3	17.3	8.3	0.0
-10°	790.6	531.4	280.8	95.9	19.0	8.6	0.0
-12.5°	790.1	533.1	284.1	99.0	20.7	8.9	0.0
-15°	787.0	532.3	285.7	101.4	22.2	9.2	0.0
-17.5°	781.3	529.1	285.5	103.2	23.6	9.5	0.0
-20°	772.3	523.5	283.5	104.2	24.9	9.7	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	759.4	515.5	279.5	104.5	26.1	9.9	0.0
-25°	743.5	503.2	273.5	104.0	27.2	10.1	0.0
-27.5°	724.6	487.7	265.6	102.8	28.1	10.2	0.0
-30°	702.8	470.1	255.6	100.6	28.8	10.3	0.0
-32.5°	678.0	450.5	244.0	97.7	29.3	10.3	0.0
-35°	651.2	428.8	231.1	93.9	29.7	10.3	0.0
-37.5°	622.4	407.0	216.8	89.2	29.9	10.2	0.0
-40°	591.3	387.2	201.3	83.6	30.0	10.1	0.0
-42.5°	558.1	366.0	189.6	77.6	29.8	10.0	0.0
-45°	522.8	343.5	181.5	71.5	29.4	9.8	0.0
-47.5°	485.6	319.7	172.1	64.5	28.9	9.5	0.0
-50°	454.4	294.6	161.2	62.2	28.2	9.2	0.0
-52.5°	423.2	268.3	148.9	61.0	27.3	8.9	0.0
-55°	390.8	248.4	135.3	59.1	26.2	8.5	0.0
-57.5°	357.2	228.2	120.3	56.6	25.0	8.1	0.0
-60°	323.0	206.1	104.7	53.4	23.5	7.7	0.0
-62.5°	291.9	182.3	97.2	49.6	22.1	7.2	0.0
-65°	258.4	156.9	88.8	45.2	20.5	6.6	0.0
-67.5°	222.9	135.6	79.3	40.4	18.9	6.1	0.0
-70°	185.5	118.7	69.0	35.0	17.1	5.5	0.0
-72.5°	156.9	100.5	57.9	30.8	15.2	4.9	0.0
-75°	128.2	81.1	46.1	26.8	13.2	4.2	0.0
-77.5°	98.2	60.9	38.1	22.6	11.1	3.5	0.0
-80°	67.0	46.4	30.7	18.3	9.0	2.9	0.0
-82.5°	49.2	35.1	23.2	13.8	6.8	2.2	0.0
-85°	33.0	23.5	15.6	9.2	4.5	1.4	0.0
-87.5°	16.5	11.8	7.8	4.6	2.3	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)