

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: P645571 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-722-U-LAM-VSR-XX**

Issue Date: 2/28/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P645571 (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-SA6D-722-U-LAM-VSR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, LAMBERTIAN WITH VISOR  
Light Source: (96) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

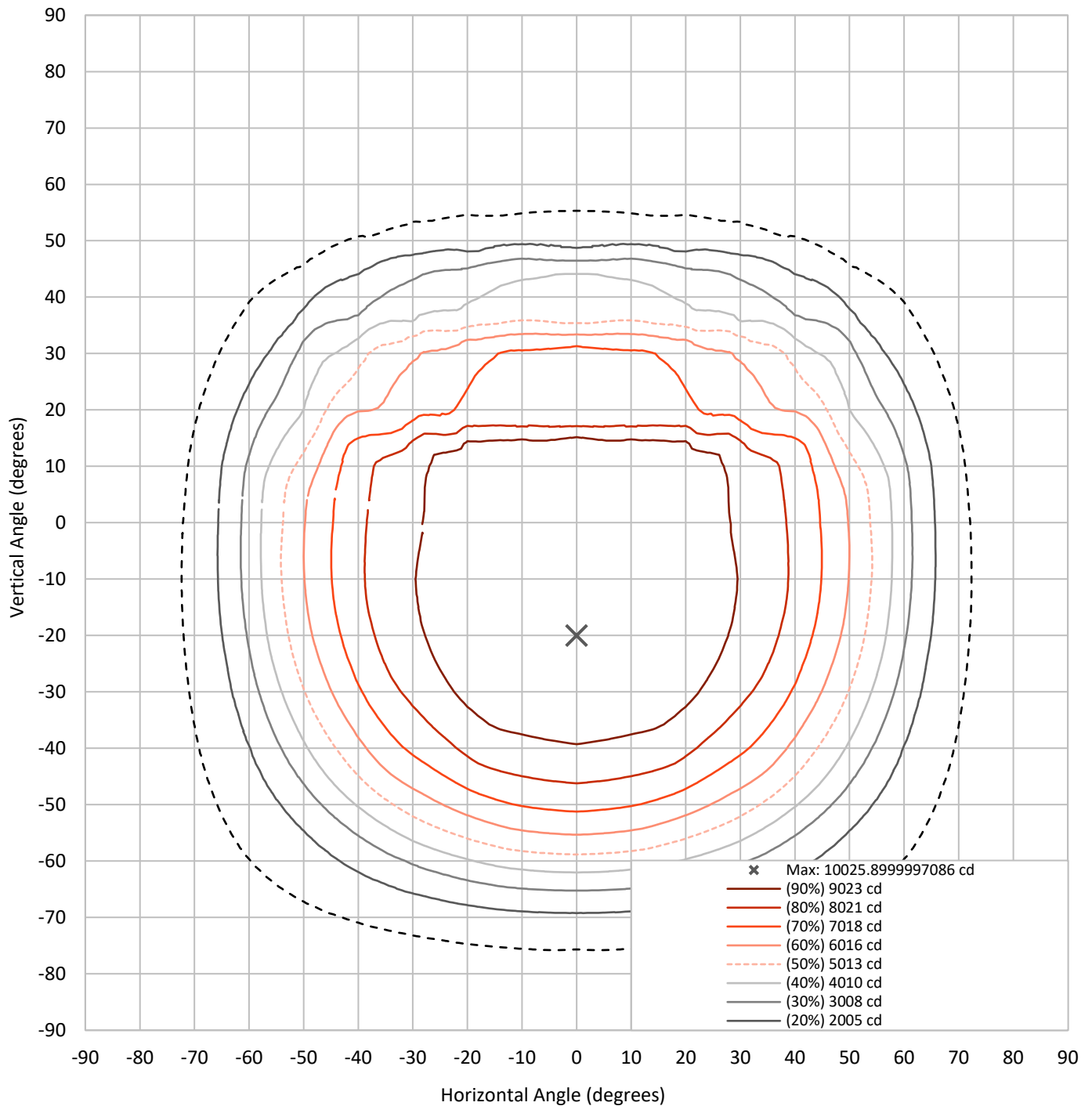
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	23508.8 lumens	Max Intensity:	10025.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	72.1 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:	18377.8 lumens	Field Lumens:	23042 lumens
Beam Efficiency:	78.2%	Field Efficiency:	98.0%
Input Watts (W):	325.9		
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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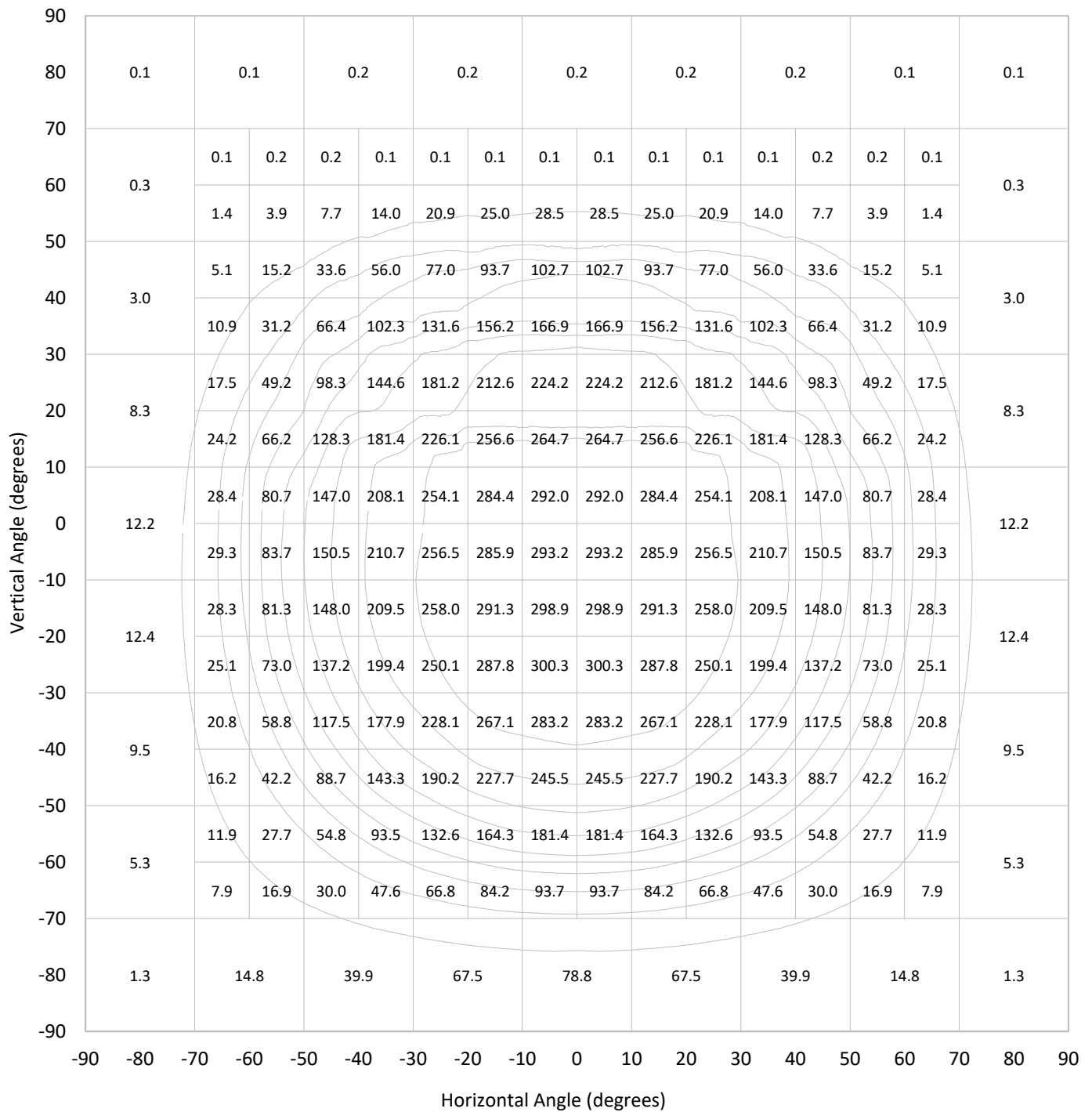
### Iso-Candela Plot





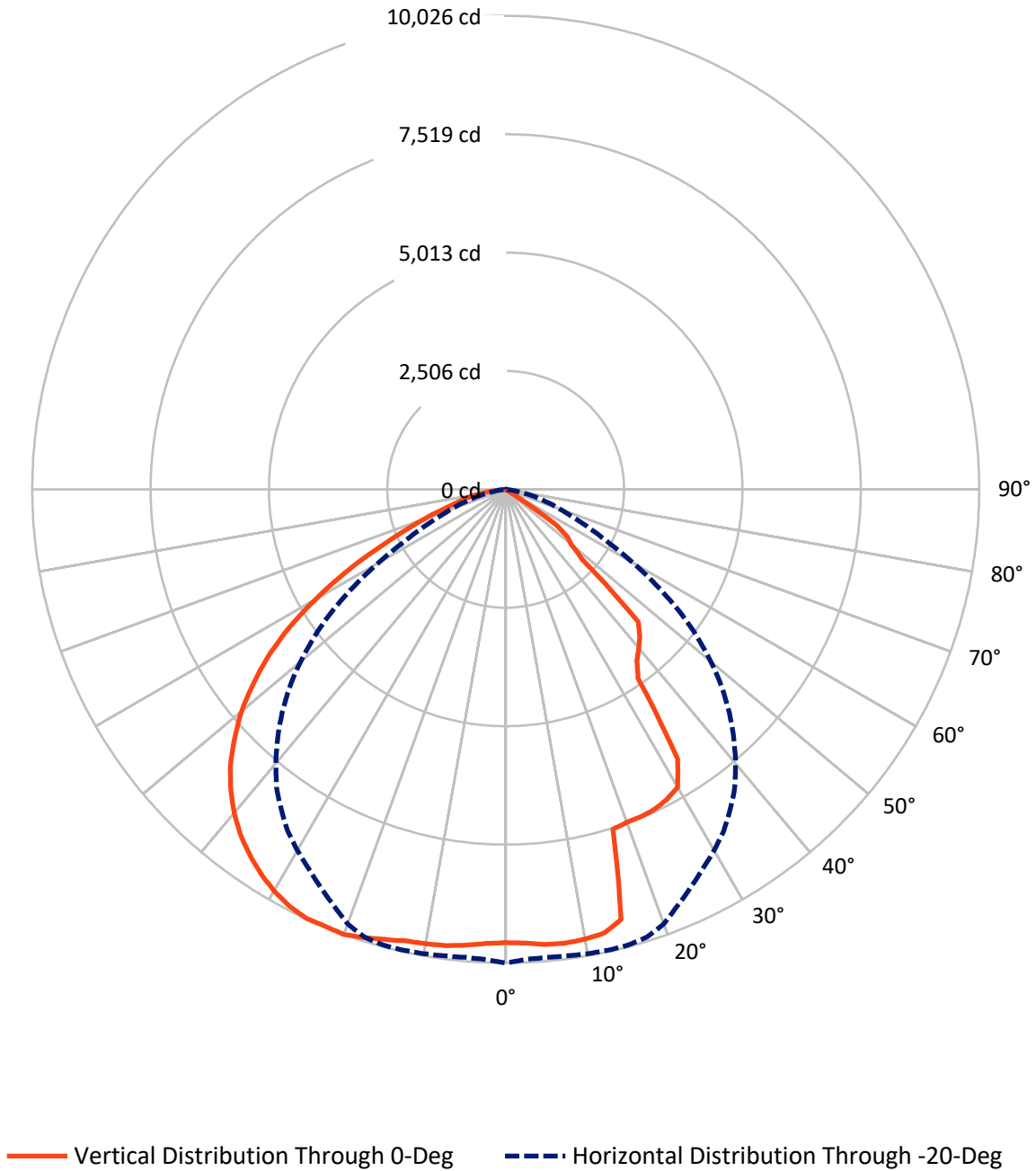
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### Lumen Table



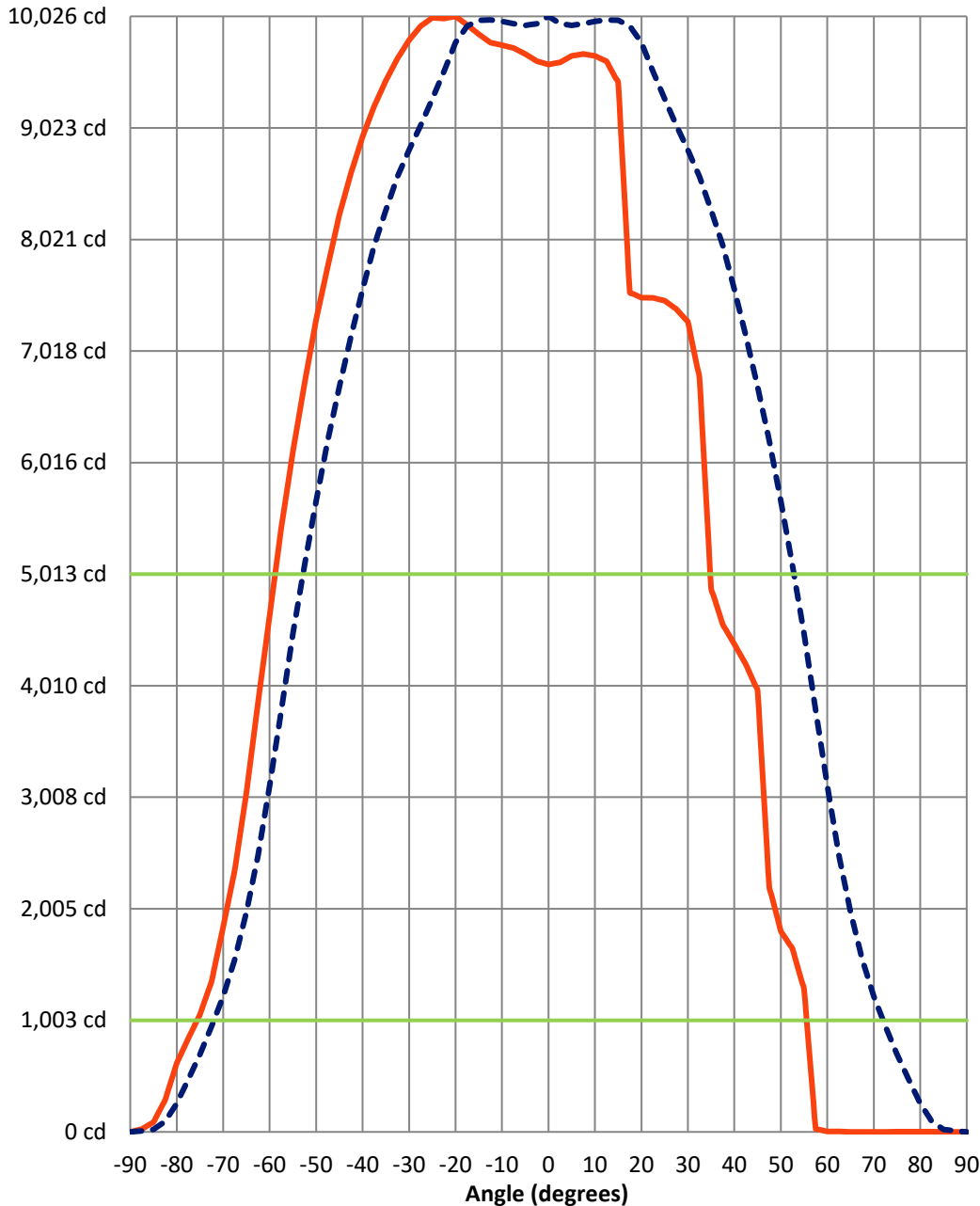
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 105.6°  
 V Angle: 93.7°  
 Lumens: 18377.8  
 Efficiency: 78.2%

**Field:**  
 H Angle: 144°  
 V Angle: 131.2°  
 Lumens: 23042  
 Efficiency: 98.0%

**Spill:**  
 Lumens: 466.8  
 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	0.2	0.4	0.6	0.7	0.9	1.1	1.1	1.1	1.0	0.9
85°	0.0	0.5	0.7	1.1	1.5	1.9	2.2	2.3	2.2	2.0	1.8
82.5°	0.0	0.7	1.1	1.7	2.2	2.8	3.3	3.4	3.2	2.7	2.1
80°	0.0	0.9	1.5	2.2	3.0	3.7	4.3	3.8	3.3	2.7	2.2
77.5°	0.0	1.2	1.9	2.8	3.7	4.3	4.3	3.8	3.3	2.8	2.2
75°	0.0	1.4	2.3	3.3	4.3	4.5	4.4	3.9	3.3	2.8	2.3
72.5°	0.0	1.6	2.6	3.9	4.5	4.6	4.4	3.9	3.4	2.9	2.3
70°	0.0	1.9	3.0	4.3	4.7	4.8	4.5	4.0	3.4	3.0	3.4
67.5°	0.0	2.1	3.4	4.5	4.9	4.9	5.0	4.0	3.6	4.7	4.8
65°	0.0	2.3	3.8	4.8	5.1	5.7	5.8	4.1	5.7	6.7	8.4
62.5°	0.0	2.5	4.2	5.0	5.4	7.1	6.7	5.7	7.9	11.7	18.7
60°	0.0	2.7	4.6	5.2	5.6	8.6	7.9	8.1	10.3	29.7	32.4
57.5°	0.0	3.0	4.8	5.4	7.3	10.3	14.6	11.4	29.1	50.5	58.7
55°	0.0	3.2	5.0	5.6	9.0	12.2	23.3	18.4	54.0	77.9	95.0
52.5°	0.0	3.4	5.3	5.9	10.9	15.6	33.5	46.9	81.0	122.3	137.8
50°	0.0	3.6	5.5	6.1	12.9	26.6	45.1	79.2	115.9	171.6	215.2
47.5°	0.0	3.8	5.8	6.7	14.9	38.4	60.7	113.1	167.0	226.0	294.3
45°	0.0	4.0	6.0	8.3	17.0	51.0	91.6	148.6	224.2	294.6	371.1
42.5°	0.0	4.2	6.3	9.9	19.2	64.5	123.2	193.6	282.4	361.3	459.7
40°	0.0	4.4	6.6	12.0	25.9	78.8	155.5	244.8	342.3	426.8	554.5
37.5°	0.0	4.6	6.9	14.6	37.1	93.8	188.5	296.0	405.2	505.5	653.5
35°	0.0	4.7	7.1	17.4	48.4	116.5	222.0	347.3	469.0	602.1	770.5
32.5°	0.0	4.9	7.4	20.6	59.9	142.9	258.3	398.4	533.6	699.4	912.9
30°	0.0	5.1	7.7	24.0	71.5	169.1	299.8	449.9	598.8	796.8	1049.4
27.5°	0.0	5.2	8.0	27.6	85.8	195.0	340.4	503.6	670.5	894.1	1179.9
25°	0.0	5.4	8.2	31.4	100.4	220.4	380.1	556.7	751.4	1000.4	1304.3
22.5°	0.0	5.5	8.5	35.3	115.0	246.4	418.7	609.0	830.6	1106.6	1430.2
20°	0.0	5.7	8.8	39.4	129.5	274.3	455.9	660.1	907.8	1206.8	1553.1
17.5°	0.0	5.8	9.1	43.6	143.7	301.2	492.8	709.8	982.6	1300.8	1672.1
15°	0.0	5.9	9.3	47.8	157.6	327.1	528.2	756.0	1054.4	1388.5	1786.5
12.5°	0.0	6.0	9.6	51.9	171.0	351.8	561.3	797.1	1111.7	1469.7	1895.3
10°	0.0	6.1	9.8	56.0	183.9	375.2	592.0	835.1	1154.4	1518.5	1983.9
7.5°	0.0	6.2	10.1	60.0	196.0	397.0	620.2	869.6	1190.8	1556.2	2035.6
5°	0.0	6.3	10.3	63.8	207.3	417.1	645.9	900.8	1221.1	1586.7	2077.6
2.5°	0.0	6.3	10.5	67.3	217.6	435.4	668.9	928.4	1245.7	1610.2	2109.8
0°	0.0	6.4	10.7	70.6	226.9	451.6	689.2	952.5	1265.0	1626.8	2131.9
-2.5°	0.0	6.8	12.4	75.2	235.5	461.9	699.3	966.5	1271.9	1647.8	2146.3
-5°	0.0	7.1	14.0	79.4	242.9	470.0	706.7	976.8	1274.3	1661.4	2150.9
-7.5°	0.0	7.5	15.6	83.2	248.9	475.9	711.4	983.2	1272.6	1667.0	2146.1
-10°	0.0	7.8	17.2	86.5	253.4	479.7	713.5	985.6	1267.1	1663.7	2132.5
-12.5°	0.0	8.1	18.6	89.3	256.4	481.2	713.1	984.0	1258.4	1650.2	2109.1
-15°	0.0	8.3	20.0	91.5	257.9	480.5	710.3	978.2	1248.4	1624.1	2075.1
-17.5°	0.0	8.6	21.3	93.1	257.7	477.6	705.1	966.4	1236.3	1591.4	2030.9
-20°	0.0	8.8	22.5	94.0	255.9	472.6	697.1	949.6	1219.0	1552.4	1976.5

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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	8.9	23.6	94.3	252.3	465.3	685.4	929.3	1196.5	1507.5	1911.7
-25°	0.0	9.1	24.5	93.9	246.9	454.2	671.1	905.9	1168.7	1456.9	1836.8
-27.5°	0.0	9.2	25.3	92.7	239.7	440.2	654.0	879.2	1135.5	1407.9	1770.4
-30°	0.0	9.2	26.0	90.8	230.7	424.4	634.3	849.5	1099.3	1366.5	1699.5
-32.5°	0.0	9.3	26.5	88.1	220.2	406.6	612.0	821.9	1060.9	1318.6	1623.7
-35°	0.0	9.3	26.8	84.7	208.5	387.0	587.8	793.0	1019.3	1264.4	1543.2
-37.5°	0.0	9.2	27.0	80.5	195.7	367.3	561.7	761.0	974.8	1203.8	1463.8
-40°	0.0	9.1	27.0	75.4	181.7	349.5	533.7	726.0	927.4	1146.5	1385.4
-42.5°	0.0	9.0	26.9	70.0	171.1	330.4	503.7	688.0	881.6	1086.0	1300.9
-45°	0.0	8.8	26.5	64.5	163.8	310.0	471.9	648.7	834.8	1021.5	1213.4
-47.5°	0.0	8.6	26.1	58.3	155.3	288.5	438.2	609.4	784.7	953.8	1137.7
-50°	0.0	8.3	25.4	56.2	145.5	265.9	410.1	568.2	729.2	891.7	1058.4
-52.5°	0.0	8.0	24.6	55.1	134.4	242.1	382.0	525.1	676.2	827.7	977.0
-55°	0.0	7.7	23.6	53.4	122.1	224.2	352.7	481.5	622.9	762.0	904.8
-57.5°	0.0	7.3	22.5	51.0	108.6	206.0	322.4	446.9	567.9	699.0	831.0
-60°	0.0	6.9	21.2	48.1	94.5	186.1	291.6	408.6	512.8	635.4	757.3
-62.5°	0.0	6.5	19.9	44.7	87.8	164.6	263.4	367.0	461.8	570.0	685.1
-65°	0.0	6.0	18.5	40.8	80.1	141.6	233.3	323.8	407.8	504.4	611.2
-67.5°	0.0	5.5	17.0	36.4	71.6	122.4	201.2	280.9	351.0	436.0	531.4
-70°	0.0	4.9	15.4	31.6	62.3	107.1	167.4	237.0	300.0	364.3	446.4
-72.5°	0.0	4.4	13.6	27.8	52.2	90.7	141.6	192.1	248.2	305.0	362.6
-75°	0.0	3.8	11.9	24.2	41.6	73.2	115.8	154.8	195.3	244.9	295.1
-77.5°	0.0	3.2	10.0	20.4	34.3	54.9	88.7	119.7	151.9	186.8	226.6
-80°	0.0	2.6	8.1	16.5	27.7	41.9	60.5	83.9	108.8	135.8	164.9
-82.5°	0.0	1.9	6.1	12.4	21.0	31.6	44.4	53.8	65.0	84.1	104.6
-85°	0.0	1.3	4.1	8.3	14.1	21.2	29.8	36.0	42.4	49.1	56.0
-87.5°	0.0	0.7	2.0	4.2	7.1	10.6	14.9	18.0	21.2	24.6	28.0
-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-SA6D-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°	1.0	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.5	1.6	1.7
85°	1.9	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
82.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
80°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
77.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
75°	2.1	2.1	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1
72.5°	2.5	2.7	2.7	2.4	2.1	2.1	2.1	2.1	2.1	2.1	2.1
70°	3.3	3.4	3.0	2.5	2.1	2.2	2.4	2.3	2.1	2.1	2.1
67.5°	4.1	3.6	3.1	2.9	2.9	3.2	3.1	2.6	2.1	2.1	2.2
65°	4.2	3.7	5.3	6.1	4.5	3.8	3.3	2.7	2.9	3.1	3.1
62.5°	6.4	8.0	10.2	18.1	13.5	3.9	7.1	8.3	6.1	5.1	5.4
60°	20.9	14.2	42.2	60.5	37.7	13.8	16.8	55.9	48.5	9.0	30.3
57.5°	44.0	60.3	111.1	113.1	78.2	54.0	157.0	181.4	137.3	80.1	122.5
55°	96.8	148.7	184.2	170.5	186.2	282.1	335.1	301.1	253.5	389.8	498.0
52.5°	189.1	242.1	254.1	291.7	417.6	479.8	459.8	491.7	637.6	791.8	825.3
50°	279.1	322.4	356.2	515.1	613.6	619.8	665.5	810.0	1004.7	1099.1	1076.2
47.5°	366.1	411.0	568.4	721.0	765.2	825.8	940.1	1219.2	1425.3	1429.4	1406.1
45°	458.1	578.1	778.9	878.4	950.2	1067.4	1343.5	1728.5	1748.4	1804.3	2148.3
42.5°	556.6	766.7	941.9	1045.4	1161.4	1380.1	1748.6	2001.1	2087.9	2332.8	2609.4
40°	716.0	948.9	1102.0	1234.3	1383.4	1702.5	2106.1	2342.7	2413.3	2625.2	2833.2
37.5°	877.8	1101.1	1272.6	1432.3	1638.9	2069.6	2536.5	2731.6	2767.4	2806.1	3266.9
35°	1033.6	1257.1	1462.5	1671.4	1924.8	2544.8	2952.9	3136.4	3130.8	3392.4	3874.9
32.5°	1179.2	1416.6	1659.0	1938.5	2356.6	2991.8	3400.0	3509.9	3676.5	4057.2	4715.8
30°	1324.6	1594.6	1872.9	2205.8	2735.4	3286.0	3752.1	3928.9	4214.3	4648.8	5128.1
27.5°	1474.4	1777.0	2113.6	2503.7	3034.4	3540.6	3938.7	4361.0	4638.3	5027.7	5368.7
25°	1623.6	1970.1	2351.2	2764.1	3248.2	3719.9	4131.7	4619.3	4917.2	5231.0	5549.2
22.5°	1780.0	2166.0	2596.4	2970.4	3428.4	3872.4	4362.6	4891.5	5278.8	5478.2	5691.8
20°	1943.6	2377.9	2836.9	3251.3	3606.3	4014.0	4594.3	5237.1	5737.0	5961.4	5990.7
17.5°	2104.8	2583.2	3076.7	3525.3	3908.2	4271.2	4837.7	5651.1	6272.7	6481.4	6574.2
15°	2262.0	2780.6	3315.2	3792.0	4212.3	4656.1	5261.2	6088.3	6799.0	7029.9	7175.9
12.5°	2413.7	2968.9	3549.8	4049.9	4516.7	5014.5	5645.7	6402.8	7051.5	7498.2	7766.1
10°	2558.3	3146.7	3777.6	4297.4	4817.5	5346.8	5963.9	6637.1	7165.2	7596.0	7976.3
7.5°	2631.3	3262.9	3973.2	4532.9	5110.8	5654.0	6224.4	6802.3	7247.1	7669.6	8037.3
5°	2680.9	3310.6	4034.3	4615.0	5266.7	5858.9	6412.7	6910.8	7300.5	7719.3	8078.5
2.5°	2716.3	3341.5	4075.7	4660.0	5325.2	5921.9	6466.9	6947.1	7344.6	7754.9	8122.7
0°	2737.7	3356.2	4096.8	4687.6	5361.9	5963.3	6498.4	6960.8	7373.9	7772.0	8168.0
-2.5°	2749.8	3401.1	4110.9	4758.6	5397.3	5999.0	6542.5	6993.9	7425.5	7804.4	8201.4
-5°	2748.2	3427.9	4107.2	4806.4	5414.2	6013.0	6564.6	7008.8	7453.5	7828.7	8214.9
-7.5°	2733.3	3434.1	4088.7	4821.4	5414.9	6008.3	6554.9	7016.0	7453.1	7850.9	8216.2
-10°	2706.7	3409.9	4071.6	4782.7	5394.1	5983.9	6525.3	7000.2	7435.7	7846.4	8209.1
-12.5°	2675.3	3359.8	4035.9	4727.0	5351.9	5938.4	6480.4	6960.1	7403.1	7812.8	8192.7
-15°	2628.2	3293.2	3977.2	4656.2	5287.7	5872.2	6422.1	6894.7	7352.9	7754.1	8144.1
-17.5°	2565.0	3210.8	3894.7	4572.3	5201.2	5785.8	6347.3	6808.4	7264.3	7678.9	8055.3
-20°	2485.3	3113.0	3787.5	4476.9	5091.3	5669.8	6213.7	6696.6	7149.6	7571.2	7966.8



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 CATALOG NUMBER: GFLD-SA6D-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°	2388.9	3000.7	3658.4	4348.1	4954.2	5526.1	6063.6	6554.2	7023.7	7431.4	7853.0
-25°	2292.4	2882.0	3515.8	4169.8	4795.0	5364.5	5903.5	6381.5	6861.3	7285.4	7685.8
-27.5°	2199.9	2744.2	3350.2	3973.6	4614.5	5181.3	5715.5	6193.9	6659.6	7123.4	7508.9
-30°	2096.1	2584.8	3168.7	3764.1	4388.9	4966.0	5504.1	6000.5	6443.8	6901.7	7315.6
-32.5°	1981.5	2415.7	2977.0	3549.8	4138.9	4728.7	5261.9	5754.9	6216.0	6649.2	7083.7
-35°	1869.6	2279.2	2773.8	3319.6	3874.0	4452.7	4986.2	5474.5	5953.0	6382.1	6797.3
-37.5°	1768.8	2131.3	2557.8	3079.2	3609.0	4156.3	4699.0	5171.7	5627.1	6098.9	6503.7
-40°	1659.8	1972.5	2370.8	2831.7	3331.0	3851.5	4371.1	4860.1	5288.2	5754.4	6199.7
-42.5°	1545.7	1843.2	2186.3	2569.6	3041.0	3531.7	4033.3	4511.6	4956.2	5396.0	5837.3
-45°	1445.7	1706.4	1998.5	2348.8	2732.5	3194.1	3669.0	4145.8	4572.4	4991.6	5427.4
-47.5°	1339.4	1568.8	1839.0	2118.7	2452.3	2838.2	3284.7	3724.5	4161.3	4560.1	4945.7
-50°	1233.6	1445.0	1667.0	1918.8	2194.1	2506.9	2877.8	3286.6	3685.6	4095.0	4477.0
-52.5°	1142.3	1314.7	1515.3	1725.5	1961.1	2219.9	2517.1	2852.9	3215.7	3563.2	3944.3
-55°	1047.5	1203.0	1365.0	1550.0	1746.1	1964.5	2208.1	2490.3	2767.2	3088.5	3399.6
-57.5°	961.2	1092.3	1230.4	1383.2	1553.5	1728.4	1941.3	2160.8	2412.0	2661.8	2908.2
-60°	879.8	986.9	1104.1	1233.4	1370.4	1525.9	1684.9	1873.4	2075.7	2275.1	2484.1
-62.5°	797.7	887.8	983.3	1090.8	1210.1	1327.7	1463.4	1608.7	1757.6	1926.5	2091.3
-65°	713.3	786.2	867.1	956.3	1051.5	1151.6	1255.9	1363.5	1490.1	1613.9	1733.8
-67.5°	623.7	686.0	751.5	821.7	901.6	980.2	1058.7	1149.6	1242.8	1334.5	1429.5
-70°	524.3	583.1	637.7	694.6	754.0	815.6	882.7	949.3	1015.0	1083.7	1159.9
-72.5°	423.3	477.4	525.4	567.5	616.2	667.4	716.4	763.2	812.8	864.9	916.5
-75°	337.6	373.3	416.2	455.4	494.2	530.2	562.6	602.3	643.7	681.6	712.7
-77.5°	263.5	296.0	325.3	351.6	382.5	418.6	450.1	477.1	503.4	532.1	562.5
-80°	191.7	218.6	245.4	269.7	287.5	307.9	332.0	359.6	383.6	403.1	420.8
-82.5°	123.8	143.3	163.1	183.3	191.6	197.2	202.5	212.1	226.9	241.6	255.5
-85°	61.7	67.4	79.5	91.9	96.2	99.2	101.3	102.4	107.4	112.1	116.1
-87.5°	30.9	33.7	36.5	39.3	37.8	35.8	33.3	30.3	29.6	28.7	27.6
-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: P645571 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-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°	1.7	1.8	1.8	1.9	1.9	1.5	1.0	0.5	0.0	0.0	0.0
85°	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	1.5	1.0
82.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
80°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
77.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
75°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
72.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
70°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
67.5°	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.3
65°	3.0	2.9	3.1	3.0	2.6	2.5	2.6	2.6	2.3	1.8	1.3
62.5°	5.4	6.1	4.8	4.7	4.6	4.5	4.3	4.1	3.8	3.6	3.8
60°	33.6	19.8	11.6	13.5	12.2	8.1	10.3	12.1	12.2	11.2	9.9
57.5°	186.0	139.0	102.9	245.6	246.4	117.6	141.7	222.7	183.4	60.2	55.9
55°	517.6	619.1	814.8	773.9	786.5	904.6	987.7	874.4	857.2	913.4	1055.2
52.5°	929.8	1026.6	1092.4	1154.0	1228.9	1309.5	1392.5	1445.3	1494.7	1547.2	1578.5
50°	1187.4	1323.7	1417.4	1382.9	1576.8	1656.2	1575.7	1647.7	1735.5	1759.6	1770.9
47.5°	1753.3	1953.2	1992.9	2121.7	2237.4	2235.0	2136.7	2142.4	2403.9	2634.6	2747.9
45°	2519.8	2526.6	2652.3	2879.7	3042.3	2991.1	3128.3	3440.1	3544.0	3644.3	3726.6
42.5°	2818.4	2942.1	3142.7	3343.8	3465.0	3570.1	3671.6	3786.2	3921.1	4030.4	4117.7
40°	3107.5	3207.2	3412.6	3574.6	3674.9	3773.0	3891.4	4018.4	4141.8	4237.8	4303.4
37.5°	3552.5	3629.8	3679.8	3830.1	4020.0	3932.4	4156.9	4317.9	4391.5	4489.1	4497.9
35°	4225.8	4174.3	4107.7	4706.2	4742.0	4539.8	4749.8	4999.5	4867.9	5142.0	5289.3
32.5°	4822.6	4814.9	5337.3	5651.9	5470.8	5618.6	6102.8	6081.3	6404.0	6553.7	6511.0
30°	5384.9	5576.8	5878.9	6113.2	6144.6	6377.5	6592.5	6780.8	6975.7	7150.2	7162.3
27.5°	5670.4	5920.7	6125.8	6261.4	6412.7	6608.7	6803.8	7016.0	7181.6	7291.1	7317.9
25°	5843.0	6098.9	6254.0	6400.0	6567.0	6736.2	6954.7	7185.6	7318.7	7386.3	7407.8
22.5°	5995.3	6225.1	6392.0	6510.4	6690.2	6872.2	7075.8	7271.4	7415.9	7445.4	7456.2
20°	6141.9	6362.6	6641.4	6815.7	6807.1	7012.1	7208.4	7363.9	7484.4	7483.7	7486.6
17.5°	6565.8	6644.6	7150.5	7534.6	7344.4	7244.1	7783.8	7794.1	7826.1	7762.4	7624.3
15°	7193.4	7336.9	7958.4	8374.8	8243.7	8236.9	9016.4	8823.1	8989.4	8945.9	9133.2
12.5°	7858.2	8028.2	8492.6	8901.5	9096.3	9144.2	9404.6	9648.6	9698.7	9678.9	9642.1
10°	8311.2	8553.2	8739.8	8988.0	9184.5	9385.0	9535.8	9711.0	9768.4	9735.2	9688.3
7.5°	8370.1	8609.4	8828.4	9046.2	9233.4	9394.9	9551.3	9694.0	9752.4	9733.1	9700.9
5°	8407.6	8624.4	8836.7	9057.7	9236.6	9386.2	9542.2	9686.7	9721.2	9698.0	9666.6
2.5°	8430.8	8631.4	8836.0	9056.1	9218.6	9361.0	9519.0	9673.1	9672.8	9662.6	9644.3
0°	8442.0	8643.2	8880.8	9079.8	9261.8	9396.6	9552.9	9702.7	9692.0	9664.2	9632.1
-2.5°	8466.0	8669.9	8912.4	9077.3	9282.5	9406.0	9567.5	9697.3	9692.3	9678.6	9662.7
-5°	8487.5	8716.8	8943.6	9117.1	9322.7	9484.2	9644.7	9746.2	9751.6	9732.6	9705.8
-7.5°	8500.6	8754.7	8971.1	9145.4	9344.8	9532.6	9695.5	9801.9	9804.3	9778.9	9746.9
-10°	8496.2	8764.5	8987.3	9167.4	9371.6	9557.0	9727.3	9862.3	9857.9	9833.8	9806.5
-12.5°	8480.2	8748.2	8976.9	9157.6	9389.4	9580.3	9771.9	9906.2	9913.3	9895.3	9865.7
-15°	8444.9	8721.6	8944.1	9141.4	9368.6	9591.8	9788.6	9936.8	9963.2	9948.4	9925.0
-17.5°	8375.2	8667.2	8903.2	9115.7	9333.8	9571.7	9795.5	9957.5	9993.6	9987.8	9968.4
-20°	8283.6	8584.9	8824.5	9047.2	9284.6	9529.7	9790.1	9938.1	9990.5	9993.9	9980.7



REPORT NUMBER: P645571 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	8180.8	8475.8	8729.9	8948.9	9206.3	9454.4	9690.2	9863.6	9951.6	9968.0	9969.1
-25°	8057.5	8360.6	8613.1	8846.3	9085.7	9341.9	9580.2	9773.8	9863.1	9905.7	9919.0
-27.5°	7883.3	8196.6	8445.1	8691.5	8935.1	9199.8	9450.2	9660.7	9733.3	9792.0	9815.5
-30°	7679.3	7989.1	8242.5	8467.7	8746.4	9016.2	9274.7	9458.3	9567.9	9634.9	9671.6
-32.5°	7444.7	7757.5	8023.3	8258.6	8523.4	8793.2	9036.5	9230.1	9381.1	9458.5	9497.7
-35°	7190.3	7509.6	7788.0	8035.8	8285.1	8542.3	8794.2	8996.8	9168.9	9235.4	9284.5
-37.5°	6883.3	7235.6	7521.1	7776.7	8013.6	8255.3	8517.7	8749.3	8916.4	8980.9	9032.7
-40°	6568.6	6909.1	7197.0	7469.6	7703.9	7967.9	8220.6	8463.3	8608.3	8683.6	8742.2
-42.5°	6236.4	6544.0	6817.8	7082.7	7343.5	7615.2	7867.8	8120.0	8245.5	8336.1	8408.1
-45°	5853.0	6139.2	6405.2	6653.1	6921.9	7189.1	7441.8	7664.8	7814.0	7932.0	8023.9
-47.5°	5341.7	5690.4	5957.5	6193.2	6459.8	6717.5	6962.4	7172.0	7335.7	7473.8	7580.4
-50°	4822.4	5157.0	5458.3	5723.1	5970.5	6208.8	6442.0	6647.0	6820.2	6969.8	7077.9
-52.5°	4311.1	4624.6	4923.5	5196.9	5434.6	5659.6	5872.9	6079.3	6261.9	6421.9	6526.4
-55°	3733.3	4058.1	4353.8	4608.7	4846.2	5068.6	5279.2	5474.9	5654.6	5817.6	5917.8
-57.5°	3191.3	3476.1	3751.2	3986.6	4210.8	4422.6	4622.3	4809.6	4982.6	5135.9	5232.5
-60°	2693.0	2900.7	3137.5	3354.7	3553.5	3733.8	3920.1	4094.7	4253.7	4388.5	4478.5
-62.5°	2252.6	2424.7	2595.6	2760.9	2922.1	3084.1	3240.0	3384.9	3517.7	3628.2	3707.0
-65°	1860.2	1998.5	2122.1	2239.3	2350.9	2478.7	2597.3	2708.8	2812.1	2896.7	2956.8
-67.5°	1531.7	1628.9	1714.4	1794.7	1882.8	1973.1	2057.7	2131.5	2194.5	2244.7	2284.4
-70°	1235.2	1306.7	1371.2	1435.3	1499.6	1558.2	1614.2	1668.5	1720.0	1762.0	1793.5
-72.5°	967.3	1016.2	1060.1	1109.4	1155.7	1200.3	1239.0	1270.3	1294.6	1318.2	1338.8
-75°	737.5	774.2	823.7	865.5	900.1	930.6	958.7	983.6	1005.6	1025.0	1042.1
-77.5°	593.2	624.4	655.9	686.4	715.9	737.8	758.2	778.6	798.6	815.8	831.0
-80°	439.6	462.9	487.2	511.7	536.1	548.2	557.9	566.8	574.7	585.0	594.6
-82.5°	268.8	282.0	295.5	309.2	322.9	326.3	327.5	327.2	325.4	321.7	316.0
-85°	119.6	120.3	120.0	118.6	116.3	111.6	105.8	99.1	91.5	90.4	89.0
-87.5°	26.3	25.7	25.0	24.2	23.3	23.2	23.1	22.9	22.7	23.5	24.2
-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: P645571 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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	0.5
85°	0.5	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.5	2.0	2.0
82.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
80°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
77.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
75°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
72.5°	2.1	2.1	1.1	0.0	1.1	2.1	2.1	2.1	2.1	2.1	2.1
70°	2.1	2.1	1.1	0.0	1.1	2.1	2.1	2.1	2.1	2.1	2.1
67.5°	0.8	0.2	0.0	0.0	0.0	0.2	0.8	1.3	1.9	2.1	2.1
65°	0.7	0.1	0.0	0.0	0.0	0.1	0.7	1.3	1.8	2.3	2.6
62.5°	3.9	4.1	4.3	4.3	4.3	4.1	3.9	3.8	3.6	3.8	4.1
60°	7.8	5.1	4.3	4.3	4.3	5.1	7.8	9.9	11.2	12.2	12.1
57.5°	47.3	35.3	30.0	27.8	30.0	35.3	47.3	55.9	60.2	183.4	222.7
55°	1156.8	1215.7	1259.7	1280.0	1259.7	1215.7	1156.8	1055.2	913.4	857.2	874.4
52.5°	1606.1	1631.7	1646.5	1646.0	1646.5	1631.7	1606.1	1578.5	1547.2	1494.7	1445.3
50°	1790.2	1802.7	1807.1	1804.4	1807.1	1802.7	1790.2	1770.9	1759.6	1735.5	1647.7
47.5°	2644.4	2415.5	2247.2	2206.8	2247.2	2415.5	2644.4	2747.9	2634.6	2403.9	2142.4
45°	3766.1	3853.0	3939.4	3966.3	3939.4	3853.0	3766.1	3726.6	3644.3	3544.0	3440.1
42.5°	4154.6	4182.9	4198.9	4199.6	4198.9	4182.9	4154.6	4117.7	4030.4	3921.1	3786.2
40°	4340.0	4366.7	4382.2	4383.7	4382.2	4366.7	4340.0	4303.4	4237.8	4141.8	4018.4
37.5°	4508.5	4531.2	4546.1	4561.3	4546.1	4531.2	4508.5	4497.9	4489.1	4391.5	4317.9
35°	5269.4	5097.0	4849.1	4886.7	4849.1	5097.0	5269.4	5289.3	5142.0	4867.9	4999.5
32.5°	6577.7	6650.2	6695.4	6772.4	6695.4	6650.2	6577.7	6511.0	6553.7	6404.0	6081.3
30°	7181.4	7205.4	7241.6	7279.7	7241.6	7205.4	7181.4	7162.3	7150.2	6975.7	6780.8
27.5°	7332.0	7356.8	7378.8	7395.3	7378.8	7356.8	7332.0	7317.9	7291.1	7181.6	7016.0
25°	7410.8	7426.2	7449.6	7470.2	7449.6	7426.2	7410.8	7407.8	7386.3	7318.7	7185.6
22.5°	7450.0	7451.6	7469.9	7495.9	7469.9	7451.6	7450.0	7456.2	7445.4	7415.9	7271.4
20°	7476.9	7462.3	7481.2	7498.0	7481.2	7462.3	7476.9	7486.6	7483.7	7484.4	7363.9
17.5°	7819.1	7623.8	7543.6	7545.1	7543.6	7623.8	7819.1	7624.3	7762.4	7826.1	7794.1
15°	8923.0	8996.3	9277.1	9428.7	9277.1	8996.3	8923.0	9133.2	8945.9	8989.4	8823.1
12.5°	9635.3	9609.3	9575.9	9621.4	9575.9	9609.3	9635.3	9642.1	9678.9	9698.7	9648.6
10°	9668.4	9665.4	9606.0	9670.6	9606.0	9665.4	9668.4	9688.3	9735.2	9768.4	9711.0
7.5°	9648.1	9649.9	9624.6	9687.7	9624.6	9649.9	9648.1	9700.9	9733.1	9752.4	9694.0
5°	9661.5	9618.0	9634.5	9670.6	9634.5	9618.0	9661.5	9666.6	9698.0	9721.2	9686.7
2.5°	9624.1	9619.7	9587.5	9612.8	9587.5	9619.7	9624.1	9644.3	9662.6	9672.8	9673.1
0°	9595.7	9572.2	9572.2	9593.6	9572.2	9572.2	9595.7	9632.1	9664.2	9692.0	9702.7
-2.5°	9646.3	9641.3	9638.3	9623.5	9638.3	9641.3	9646.3	9662.7	9678.6	9692.3	9697.3
-5°	9687.9	9675.2	9640.2	9687.7	9640.2	9675.2	9687.9	9705.8	9732.6	9751.6	9746.2
-7.5°	9732.7	9700.2	9666.9	9741.2	9666.9	9700.2	9732.7	9746.9	9778.9	9804.3	9801.9
-10°	9773.6	9726.6	9694.2	9766.9	9694.2	9726.6	9773.6	9806.5	9833.8	9857.9	9862.3
-12.5°	9827.6	9772.7	9751.0	9790.5	9751.0	9772.7	9827.6	9865.7	9895.3	9913.3	9906.2
-15°	9885.2	9847.2	9842.1	9865.4	9842.1	9847.2	9885.2	9925.0	9948.4	9963.2	9936.8
-17.5°	9935.9	9909.2	9922.4	9948.9	9922.4	9909.2	9935.9	9968.4	9987.8	9993.6	9957.5
-20°	9960.0	9945.1	9960.0	10025.9	9960.0	9945.1	9960.0	9980.7	9993.9	9990.5	9938.1



REPORT NUMBER: P645571 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-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°	9958.0	9959.0	9985.1	10006.7	9985.1	9959.0	9958.0	9969.1	9968.0	9951.6	9863.6
-25°	9920.0	9940.0	9970.0	10013.1	9970.0	9940.0	9920.0	9919.0	9905.7	9863.1	9773.8
-27.5°	9828.4	9861.6	9893.0	9938.2	9893.0	9861.6	9828.4	9815.5	9792.0	9733.3	9660.7
-30°	9695.9	9735.4	9763.4	9811.9	9763.4	9735.4	9695.9	9671.6	9634.9	9567.9	9458.3
-32.5°	9534.6	9579.4	9612.5	9647.1	9612.5	9579.4	9534.6	9497.7	9458.5	9381.1	9230.1
-35°	9333.0	9381.3	9416.5	9448.0	9416.5	9381.3	9333.0	9284.5	9235.4	9168.9	8996.8
-37.5°	9090.8	9142.8	9182.9	9219.0	9182.9	9142.8	9090.8	9032.7	8980.9	8916.4	8749.3
-40°	8808.7	8862.0	8904.8	8945.0	8904.8	8862.0	8808.7	8742.2	8683.6	8608.3	8463.3
-42.5°	8478.8	8532.7	8576.9	8617.5	8576.9	8532.7	8478.8	8408.1	8336.1	8245.5	8120.0
-45°	8097.9	8153.3	8200.0	8242.9	8200.0	8153.3	8097.9	8023.9	7932.0	7814.0	7664.8
-47.5°	7659.2	7718.4	7758.4	7778.4	7758.4	7718.4	7659.2	7580.4	7473.8	7335.7	7172.0
-50°	7156.3	7215.5	7263.6	7299.0	7263.6	7215.5	7156.3	7077.9	6969.8	6820.2	6647.0
-52.5°	6602.7	6659.1	6700.4	6725.3	6700.4	6659.1	6602.7	6526.4	6421.9	6261.9	6079.3
-55°	5996.6	6055.6	6094.8	6113.2	6094.8	6055.6	5996.6	5917.8	5817.6	5654.6	5474.9
-57.5°	5309.1	5365.3	5406.9	5430.4	5406.9	5365.3	5309.1	5232.5	5135.9	4982.6	4809.6
-60°	4548.6	4598.8	4630.4	4642.7	4630.4	4598.8	4548.6	4478.5	4388.5	4253.7	4094.7
-62.5°	3770.7	3818.2	3847.8	3859.3	3847.8	3818.2	3770.7	3707.0	3628.2	3517.7	3384.9
-65°	3001.6	3031.3	3047.8	3050.2	3047.8	3031.3	3001.6	2956.8	2896.7	2812.1	2708.8
-67.5°	2315.7	2338.3	2352.1	2356.7	2352.1	2338.3	2315.7	2284.4	2244.7	2194.5	2131.5
-70°	1817.0	1832.6	1841.4	1842.9	1841.4	1832.6	1817.0	1793.5	1762.0	1720.0	1668.5
-72.5°	1354.7	1365.9	1362.0	1352.8	1362.0	1365.9	1354.7	1338.8	1318.2	1294.6	1270.3
-75°	1056.8	1069.1	1063.9	1055.2	1063.9	1069.1	1056.8	1042.1	1025.0	1005.6	983.6
-77.5°	844.3	855.5	849.9	841.2	849.9	855.5	844.3	831.0	815.8	798.6	778.6
-80°	602.9	609.5	614.1	616.5	614.1	609.5	602.9	594.6	585.0	574.7	566.8
-82.5°	308.6	299.5	293.8	286.8	293.8	299.5	308.6	316.0	321.7	325.4	327.2
-85°	87.2	85.2	86.6	87.8	86.6	85.2	87.2	89.0	90.4	91.5	99.1
-87.5°	24.9	25.6	25.7	25.7	25.7	25.6	24.9	24.2	23.5	22.7	22.9
-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: P645571 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-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°	1.0	1.5	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.5	1.5
85°	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
82.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
80°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
77.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
75°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
72.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
70°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.3
67.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.1	2.1	2.6
65°	2.6	2.5	2.6	3.0	3.1	2.9	3.0	3.1	3.1	2.9	2.7
62.5°	4.3	4.5	4.6	4.7	4.8	6.1	5.4	5.4	5.1	6.1	8.3
60°	10.3	8.1	12.2	13.5	11.6	19.8	33.6	30.3	9.0	48.5	55.9
57.5°	141.7	117.6	246.4	245.6	102.9	139.0	186.0	122.5	80.1	137.3	181.4
55°	987.7	904.6	786.5	773.9	814.8	619.1	517.6	498.0	389.8	253.5	301.1
52.5°	1392.5	1309.5	1228.9	1154.0	1092.4	1026.6	929.8	825.3	791.8	637.6	491.7
50°	1575.7	1656.2	1576.8	1382.9	1417.4	1323.7	1187.4	1076.2	1099.1	1004.7	810.0
47.5°	2136.7	2235.0	2237.4	2121.7	1992.9	1953.2	1753.3	1406.1	1429.4	1425.3	1219.2
45°	3128.3	2991.1	3042.3	2879.7	2652.3	2526.6	2519.8	2148.3	1804.3	1748.4	1728.5
42.5°	3671.6	3570.1	3465.0	3343.8	3142.7	2942.1	2818.4	2609.4	2332.8	2087.9	2001.1
40°	3891.4	3773.0	3674.9	3574.6	3412.6	3207.2	3107.5	2833.2	2625.2	2413.3	2342.7
37.5°	4156.9	3932.4	4020.0	3830.1	3679.8	3629.8	3552.5	3266.9	2806.1	2767.4	2731.6
35°	4749.8	4539.8	4742.0	4706.2	4107.7	4174.3	4225.8	3874.9	3392.4	3130.8	3136.4
32.5°	6102.8	5618.6	5470.8	5651.9	5337.3	4814.9	4822.6	4715.8	4057.2	3676.5	3509.9
30°	6592.5	6377.5	6144.6	6113.2	5878.9	5576.8	5384.9	5128.1	4648.8	4214.3	3928.9
27.5°	6803.8	6608.7	6412.7	6261.4	6125.8	5920.7	5670.4	5368.7	5027.7	4638.3	4361.0
25°	6954.7	6736.2	6567.0	6400.0	6254.0	6098.9	5843.0	5549.2	5231.0	4917.2	4619.3
22.5°	7075.8	6872.2	6690.2	6510.4	6392.0	6225.1	5995.3	5691.8	5478.2	5278.8	4891.5
20°	7208.4	7012.1	6807.1	6815.7	6641.4	6362.6	6141.9	5990.7	5961.4	5737.0	5237.1
17.5°	7783.8	7244.1	7344.4	7534.6	7150.5	6644.6	6565.8	6574.2	6481.4	6272.7	5651.1
15°	9016.4	8236.9	8243.7	8374.8	7958.4	7336.9	7193.4	7175.9	7029.9	6799.0	6088.3
12.5°	9404.6	9144.2	9096.3	8901.5	8492.6	8028.2	7858.2	7766.1	7498.2	7051.5	6402.8
10°	9535.8	9385.0	9184.5	8988.0	8739.8	8553.2	8311.2	7976.3	7596.0	7165.2	6637.1
7.5°	9551.3	9394.9	9233.4	9046.2	8828.4	8609.4	8370.1	8037.3	7669.6	7247.1	6802.3
5°	9542.2	9386.2	9236.6	9057.7	8836.7	8624.4	8407.6	8078.5	7719.3	7300.5	6910.8
2.5°	9519.0	9361.0	9218.6	9056.1	8836.0	8631.4	8430.8	8122.7	7754.9	7344.6	6947.1
0°	9552.9	9396.6	9261.8	9079.8	8880.8	8643.2	8442.0	8168.0	7772.0	7373.9	6960.8
-2.5°	9567.5	9406.0	9282.5	9077.3	8912.4	8669.9	8466.0	8201.4	7804.4	7425.5	6993.9
-5°	9644.7	9484.2	9322.7	9117.1	8943.6	8716.8	8487.5	8214.9	7828.7	7453.5	7008.8
-7.5°	9695.5	9532.6	9344.8	9145.4	8971.1	8754.7	8500.6	8216.2	7850.9	7453.1	7016.0
-10°	9727.3	9557.0	9371.6	9167.4	8987.3	8764.5	8496.2	8209.1	7846.4	7435.7	7000.2
-12.5°	9771.9	9580.3	9389.4	9157.6	8976.9	8748.2	8480.2	8192.7	7812.8	7403.1	6960.1
-15°	9788.6	9591.8	9368.6	9141.4	8944.1	8721.6	8444.9	8144.1	7754.1	7352.9	6894.7
-17.5°	9795.5	9571.7	9333.8	9115.7	8903.2	8667.2	8375.2	8055.3	7678.9	7264.3	6808.4
-20°	9790.1	9529.7	9284.6	9047.2	8824.5	8584.9	8283.6	7966.8	7571.2	7149.6	6696.6



REPORT NUMBER: P645571 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-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°	9690.2	9454.4	9206.3	8948.9	8729.9	8475.8	8180.8	7853.0	7431.4	7023.7	6554.2
-25°	9580.2	9341.9	9085.7	8846.3	8613.1	8360.6	8057.5	7685.8	7285.4	6861.3	6381.5
-27.5°	9450.2	9199.8	8935.1	8691.5	8445.1	8196.6	7883.3	7508.9	7123.4	6659.6	6193.9
-30°	9274.7	9016.2	8746.4	8467.7	8242.5	7989.1	7679.3	7315.6	6901.7	6443.8	6000.5
-32.5°	9036.5	8793.2	8523.4	8258.6	8023.3	7757.5	7444.7	7083.7	6649.2	6216.0	5754.9
-35°	8794.2	8542.3	8285.1	8035.8	7788.0	7509.6	7190.3	6797.3	6382.1	5953.0	5474.5
-37.5°	8517.7	8255.3	8013.6	7776.7	7521.1	7235.6	6883.3	6503.7	6098.9	5627.1	5171.7
-40°	8220.6	7967.9	7703.9	7469.6	7197.0	6909.1	6568.6	6199.7	5754.4	5288.2	4860.1
-42.5°	7867.8	7615.2	7343.5	7082.7	6817.8	6544.0	6236.4	5837.3	5396.0	4956.2	4511.6
-45°	7441.8	7189.1	6921.9	6653.1	6405.2	6139.2	5853.0	5427.4	4991.6	4572.4	4145.8
-47.5°	6962.4	6717.5	6459.8	6193.2	5957.5	5690.4	5341.7	4945.7	4560.1	4161.3	3724.5
-50°	6442.0	6208.8	5970.5	5723.1	5458.3	5157.0	4822.4	4477.0	4095.0	3685.6	3286.6
-52.5°	5872.9	5659.6	5434.6	5196.9	4923.5	4624.6	4311.1	3944.3	3563.2	3215.7	2852.9
-55°	5279.2	5068.6	4846.2	4608.7	4353.8	4058.1	3733.3	3399.6	3088.5	2767.2	2490.3
-57.5°	4622.3	4422.6	4210.8	3986.6	3751.2	3476.1	3191.3	2908.2	2661.8	2412.0	2160.8
-60°	3920.1	3733.8	3553.5	3354.7	3137.5	2900.7	2693.0	2484.1	2275.1	2075.7	1873.4
-62.5°	3240.0	3084.1	2922.1	2760.9	2595.6	2424.7	2252.6	2091.3	1926.5	1757.6	1608.7
-65°	2597.3	2478.7	2350.9	2239.3	2122.1	1998.5	1860.2	1733.8	1613.9	1490.1	1363.5
-67.5°	2057.7	1973.1	1882.8	1794.7	1714.4	1628.9	1531.7	1429.5	1334.5	1242.8	1149.6
-70°	1614.2	1558.2	1499.6	1435.3	1371.2	1306.7	1235.2	1159.9	1083.7	1015.0	949.3
-72.5°	1239.0	1200.3	1155.7	1109.4	1060.1	1016.2	967.3	916.5	864.9	812.8	763.2
-75°	958.7	930.6	900.1	865.5	823.7	774.2	737.5	712.7	681.6	643.7	602.3
-77.5°	758.2	737.8	715.9	686.4	655.9	624.4	593.2	562.5	532.1	503.4	477.1
-80°	557.9	548.2	536.1	511.7	487.2	462.9	439.6	420.8	403.1	383.6	359.6
-82.5°	327.5	326.3	322.9	309.2	295.5	282.0	268.8	255.5	241.6	226.9	212.1
-85°	105.8	111.6	116.3	118.6	120.0	120.3	119.6	116.1	112.1	107.4	102.4
-87.5°	23.1	23.2	23.3	24.2	25.0	25.7	26.3	27.6	28.7	29.6	30.3
-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: P645571 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-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°	1.4	1.3	1.3	1.2	1.1	1.0	1.0	0.9	1.0	1.1	1.1
85°	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.8	2.0	2.2	2.3
82.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.7	3.2	3.4
80°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.7	3.3	3.8
77.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.8	3.3	3.8
75°	2.1	2.1	2.1	2.2	2.2	2.1	2.1	2.3	2.8	3.3	3.9
72.5°	2.1	2.1	2.1	2.4	2.7	2.7	2.5	2.3	2.9	3.4	3.9
70°	2.4	2.2	2.1	2.5	3.0	3.4	3.3	3.4	3.0	3.4	4.0
67.5°	3.1	3.2	2.9	2.9	3.1	3.6	4.1	4.8	4.7	3.6	4.0
65°	3.3	3.8	4.5	6.1	5.3	3.7	4.2	8.4	6.7	5.7	4.1
62.5°	7.1	3.9	13.5	18.1	10.2	8.0	6.4	18.7	11.7	7.9	5.7
60°	16.8	13.8	37.7	60.5	42.2	14.2	20.9	32.4	29.7	10.3	8.1
57.5°	157.0	54.0	78.2	113.1	111.1	60.3	44.0	58.7	50.5	29.1	11.4
55°	335.1	282.1	186.2	170.5	184.2	148.7	96.8	95.0	77.9	54.0	18.4
52.5°	459.8	479.8	417.6	291.7	254.1	242.1	189.1	137.8	122.3	81.0	46.9
50°	665.5	619.8	613.6	515.1	356.2	322.4	279.1	215.2	171.6	115.9	79.2
47.5°	940.1	825.8	765.2	721.0	568.4	411.0	366.1	294.3	226.0	167.0	113.1
45°	1343.5	1067.4	950.2	878.4	778.9	578.1	458.1	371.1	294.6	224.2	148.6
42.5°	1748.6	1380.1	1161.4	1045.4	941.9	766.7	556.6	459.7	361.3	282.4	193.6
40°	2106.1	1702.5	1383.4	1234.3	1102.0	948.9	716.0	554.5	426.8	342.3	244.8
37.5°	2536.5	2069.6	1638.9	1432.3	1272.6	1101.1	877.8	653.5	505.5	405.2	296.0
35°	2952.9	2544.8	1924.8	1671.4	1462.5	1257.1	1033.6	770.5	602.1	469.0	347.3
32.5°	3400.0	2991.8	2356.6	1938.5	1659.0	1416.6	1179.2	912.9	699.4	533.6	398.4
30°	3752.1	3286.0	2735.4	2205.8	1872.9	1594.6	1324.6	1049.4	796.8	598.8	449.9
27.5°	3938.7	3540.6	3034.4	2503.7	2113.6	1777.0	1474.4	1179.9	894.1	670.5	503.6
25°	4131.7	3719.9	3248.2	2764.1	2351.2	1970.1	1623.6	1304.3	1000.4	751.4	556.7
22.5°	4362.6	3872.4	3428.4	2970.4	2596.4	2166.0	1780.0	1430.2	1106.6	830.6	609.0
20°	4594.3	4014.0	3606.3	3251.3	2836.9	2377.9	1943.6	1553.1	1206.8	907.8	660.1
17.5°	4837.7	4271.2	3908.2	3525.3	3076.7	2583.2	2104.8	1672.1	1300.8	982.6	709.8
15°	5261.2	4656.1	4212.3	3792.0	3315.2	2780.6	2262.0	1786.5	1388.5	1054.4	756.0
12.5°	5645.7	5014.5	4516.7	4049.9	3549.8	2968.9	2413.7	1895.3	1469.7	1111.7	797.1
10°	5963.9	5346.8	4817.5	4297.4	3777.6	3146.7	2558.3	1983.9	1518.5	1154.4	835.1
7.5°	6224.4	5654.0	5110.8	4532.9	3973.2	3262.9	2631.3	2035.6	1556.2	1190.8	869.6
5°	6412.7	5858.9	5266.7	4615.0	4034.3	3310.6	2680.9	2077.6	1586.7	1221.1	900.8
2.5°	6466.9	5921.9	5325.2	4660.0	4075.7	3341.5	2716.3	2109.8	1610.2	1245.7	928.4
0°	6498.4	5963.3	5361.9	4687.6	4096.8	3356.2	2737.7	2131.9	1626.8	1265.0	952.5
-2.5°	6542.5	5999.0	5397.3	4758.6	4110.9	3401.1	2749.8	2146.3	1647.8	1271.9	966.5
-5°	6564.6	6013.0	5414.2	4806.4	4107.2	3427.9	2748.2	2150.9	1661.4	1274.3	976.8
-7.5°	6554.9	6008.3	5414.9	4821.4	4088.7	3434.1	2733.3	2146.1	1667.0	1272.6	983.2
-10°	6525.3	5983.9	5394.1	4782.7	4071.6	3409.9	2706.7	2132.5	1663.7	1267.1	985.6
-12.5°	6480.4	5938.4	5351.9	4727.0	4035.9	3359.8	2675.3	2109.1	1650.2	1258.4	984.0
-15°	6422.1	5872.2	5287.7	4656.2	3977.2	3293.2	2628.2	2075.1	1624.1	1248.4	978.2
-17.5°	6347.3	5785.8	5201.2	4572.3	3894.7	3210.8	2565.0	2030.9	1591.4	1236.3	966.4
-20°	6213.7	5669.8	5091.3	4476.9	3787.5	3113.0	2485.3	1976.5	1552.4	1219.0	949.6



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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°	6063.6	5526.1	4954.2	4348.1	3658.4	3000.7	2388.9	1911.7	1507.5	1196.5	929.3
-25°	5903.5	5364.5	4795.0	4169.8	3515.8	2882.0	2292.4	1836.8	1456.9	1168.7	905.9
-27.5°	5715.5	5181.3	4614.5	3973.6	3350.2	2744.2	2199.9	1770.4	1407.9	1135.5	879.2
-30°	5504.1	4966.0	4388.9	3764.1	3168.7	2584.8	2096.1	1699.5	1366.5	1099.3	849.5
-32.5°	5261.9	4728.7	4138.9	3549.8	2977.0	2415.7	1981.5	1623.7	1318.6	1060.9	821.9
-35°	4986.2	4452.7	3874.0	3319.6	2773.8	2279.2	1869.6	1543.2	1264.4	1019.3	793.0
-37.5°	4699.0	4156.3	3609.0	3079.2	2557.8	2131.3	1768.8	1463.8	1203.8	974.8	761.0
-40°	4371.1	3851.5	3331.0	2831.7	2370.8	1972.5	1659.8	1385.4	1146.5	927.4	726.0
-42.5°	4033.3	3531.7	3041.0	2569.6	2186.3	1843.2	1545.7	1300.9	1086.0	881.6	688.0
-45°	3669.0	3194.1	2732.5	2348.8	1998.5	1706.4	1445.7	1213.4	1021.5	834.8	648.7
-47.5°	3284.7	2838.2	2452.3	2118.7	1839.0	1568.8	1339.4	1137.7	953.8	784.7	609.4
-50°	2877.8	2506.9	2194.1	1918.8	1667.0	1445.0	1233.6	1058.4	891.7	729.2	568.2
-52.5°	2517.1	2219.9	1961.1	1725.5	1515.3	1314.7	1142.3	977.0	827.7	676.2	525.1
-55°	2208.1	1964.5	1746.1	1550.0	1365.0	1203.0	1047.5	904.8	762.0	622.9	481.5
-57.5°	1941.3	1728.4	1553.5	1383.2	1230.4	1092.3	961.2	831.0	699.0	567.9	446.9
-60°	1684.9	1525.9	1370.4	1233.4	1104.1	986.9	879.8	757.3	635.4	512.8	408.6
-62.5°	1463.4	1327.7	1210.1	1090.8	983.3	887.8	797.7	685.1	570.0	461.8	367.0
-65°	1255.9	1151.6	1051.5	956.3	867.1	786.2	713.3	611.2	504.4	407.8	323.8
-67.5°	1058.7	980.2	901.6	821.7	751.5	686.0	623.7	531.4	436.0	351.0	280.9
-70°	882.7	815.6	754.0	694.6	637.7	583.1	524.3	446.4	364.3	300.0	237.0
-72.5°	716.4	667.4	616.2	567.5	525.4	477.4	423.3	362.6	305.0	248.2	192.1
-75°	562.6	530.2	494.2	455.4	416.2	373.3	337.6	295.1	244.9	195.3	154.8
-77.5°	450.1	418.6	382.5	351.6	325.3	296.0	263.5	226.6	186.8	151.9	119.7
-80°	332.0	307.9	287.5	269.7	245.4	218.6	191.7	164.9	135.8	108.8	83.9
-82.5°	202.5	197.2	191.6	183.3	163.1	143.3	123.8	104.6	84.1	65.0	53.8
-85°	101.3	99.2	96.2	91.9	79.5	67.4	61.7	56.0	49.1	42.4	36.0
-87.5°	33.3	35.8	37.8	39.3	36.5	33.7	30.9	28.0	24.6	21.2	18.0
-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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**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°	1.1	0.9	0.7	0.6	0.4	0.2	0.0
85°	2.2	1.9	1.5	1.1	0.7	0.5	0.0
82.5°	3.3	2.8	2.2	1.7	1.1	0.7	0.0
80°	4.3	3.7	3.0	2.2	1.5	0.9	0.0
77.5°	4.3	4.3	3.7	2.8	1.9	1.2	0.0
75°	4.4	4.5	4.3	3.3	2.3	1.4	0.0
72.5°	4.4	4.6	4.5	3.9	2.6	1.6	0.0
70°	4.5	4.8	4.7	4.3	3.0	1.9	0.0
67.5°	5.0	4.9	4.9	4.5	3.4	2.1	0.0
65°	5.8	5.7	5.1	4.8	3.8	2.3	0.0
62.5°	6.7	7.1	5.4	5.0	4.2	2.5	0.0
60°	7.9	8.6	5.6	5.2	4.6	2.7	0.0
57.5°	14.6	10.3	7.3	5.4	4.8	3.0	0.0
55°	23.3	12.2	9.0	5.6	5.0	3.2	0.0
52.5°	33.5	15.6	10.9	5.9	5.3	3.4	0.0
50°	45.1	26.6	12.9	6.1	5.5	3.6	0.0
47.5°	60.7	38.4	14.9	6.7	5.8	3.8	0.0
45°	91.6	51.0	17.0	8.3	6.0	4.0	0.0
42.5°	123.2	64.5	19.2	9.9	6.3	4.2	0.0
40°	155.5	78.8	25.9	12.0	6.6	4.4	0.0
37.5°	188.5	93.8	37.1	14.6	6.9	4.6	0.0
35°	222.0	116.5	48.4	17.4	7.1	4.7	0.0
32.5°	258.3	142.9	59.9	20.6	7.4	4.9	0.0
30°	299.8	169.1	71.5	24.0	7.7	5.1	0.0
27.5°	340.4	195.0	85.8	27.6	8.0	5.2	0.0
25°	380.1	220.4	100.4	31.4	8.2	5.4	0.0
22.5°	418.7	246.4	115.0	35.3	8.5	5.5	0.0
20°	455.9	274.3	129.5	39.4	8.8	5.7	0.0
17.5°	492.8	301.2	143.7	43.6	9.1	5.8	0.0
15°	528.2	327.1	157.6	47.8	9.3	5.9	0.0
12.5°	561.3	351.8	171.0	51.9	9.6	6.0	0.0
10°	592.0	375.2	183.9	56.0	9.8	6.1	0.0
7.5°	620.2	397.0	196.0	60.0	10.1	6.2	0.0
5°	645.9	417.1	207.3	63.8	10.3	6.3	0.0
2.5°	668.9	435.4	217.6	67.3	10.5	6.3	0.0
0°	689.2	451.6	226.9	70.6	10.7	6.4	0.0
-2.5°	699.3	461.9	235.5	75.2	12.4	6.8	0.0
-5°	706.7	470.0	242.9	79.4	14.0	7.1	0.0
-7.5°	711.4	475.9	248.9	83.2	15.6	7.5	0.0
-10°	713.5	479.7	253.4	86.5	17.2	7.8	0.0
-12.5°	713.1	481.2	256.4	89.3	18.6	8.1	0.0
-15°	710.3	480.5	257.9	91.5	20.0	8.3	0.0
-17.5°	705.1	477.6	257.7	93.1	21.3	8.6	0.0
-20°	697.1	472.6	255.9	94.0	22.5	8.8	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	685.4	465.3	252.3	94.3	23.6	8.9	0.0
-25°	671.1	454.2	246.9	93.9	24.5	9.1	0.0
-27.5°	654.0	440.2	239.7	92.7	25.3	9.2	0.0
-30°	634.3	424.4	230.7	90.8	26.0	9.2	0.0
-32.5°	612.0	406.6	220.2	88.1	26.5	9.3	0.0
-35°	587.8	387.0	208.5	84.7	26.8	9.3	0.0
-37.5°	561.7	367.3	195.7	80.5	27.0	9.2	0.0
-40°	533.7	349.5	181.7	75.4	27.0	9.1	0.0
-42.5°	503.7	330.4	171.1	70.0	26.9	9.0	0.0
-45°	471.9	310.0	163.8	64.5	26.5	8.8	0.0
-47.5°	438.2	288.5	155.3	58.3	26.1	8.6	0.0
-50°	410.1	265.9	145.5	56.2	25.4	8.3	0.0
-52.5°	382.0	242.1	134.4	55.1	24.6	8.0	0.0
-55°	352.7	224.2	122.1	53.4	23.6	7.7	0.0
-57.5°	322.4	206.0	108.6	51.0	22.5	7.3	0.0
-60°	291.6	186.1	94.5	48.1	21.2	6.9	0.0
-62.5°	263.4	164.6	87.8	44.7	19.9	6.5	0.0
-65°	233.3	141.6	80.1	40.8	18.5	6.0	0.0
-67.5°	201.2	122.4	71.6	36.4	17.0	5.5	0.0
-70°	167.4	107.1	62.3	31.6	15.4	4.9	0.0
-72.5°	141.6	90.7	52.2	27.8	13.6	4.4	0.0
-75°	115.8	73.2	41.6	24.2	11.9	3.8	0.0
-77.5°	88.7	54.9	34.3	20.4	10.0	3.2	0.0
-80°	60.5	41.9	27.7	16.5	8.1	2.6	0.0
-82.5°	44.4	31.6	21.0	12.4	6.1	1.9	0.0
-85°	29.8	21.2	14.1	8.3	4.1	1.3	0.0
-87.5°	14.9	10.6	7.1	4.2	2.0	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)