

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: P626982 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-735-U-WR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626982 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA2D-735-U-WR-VSR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR  
Light Source: (32) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

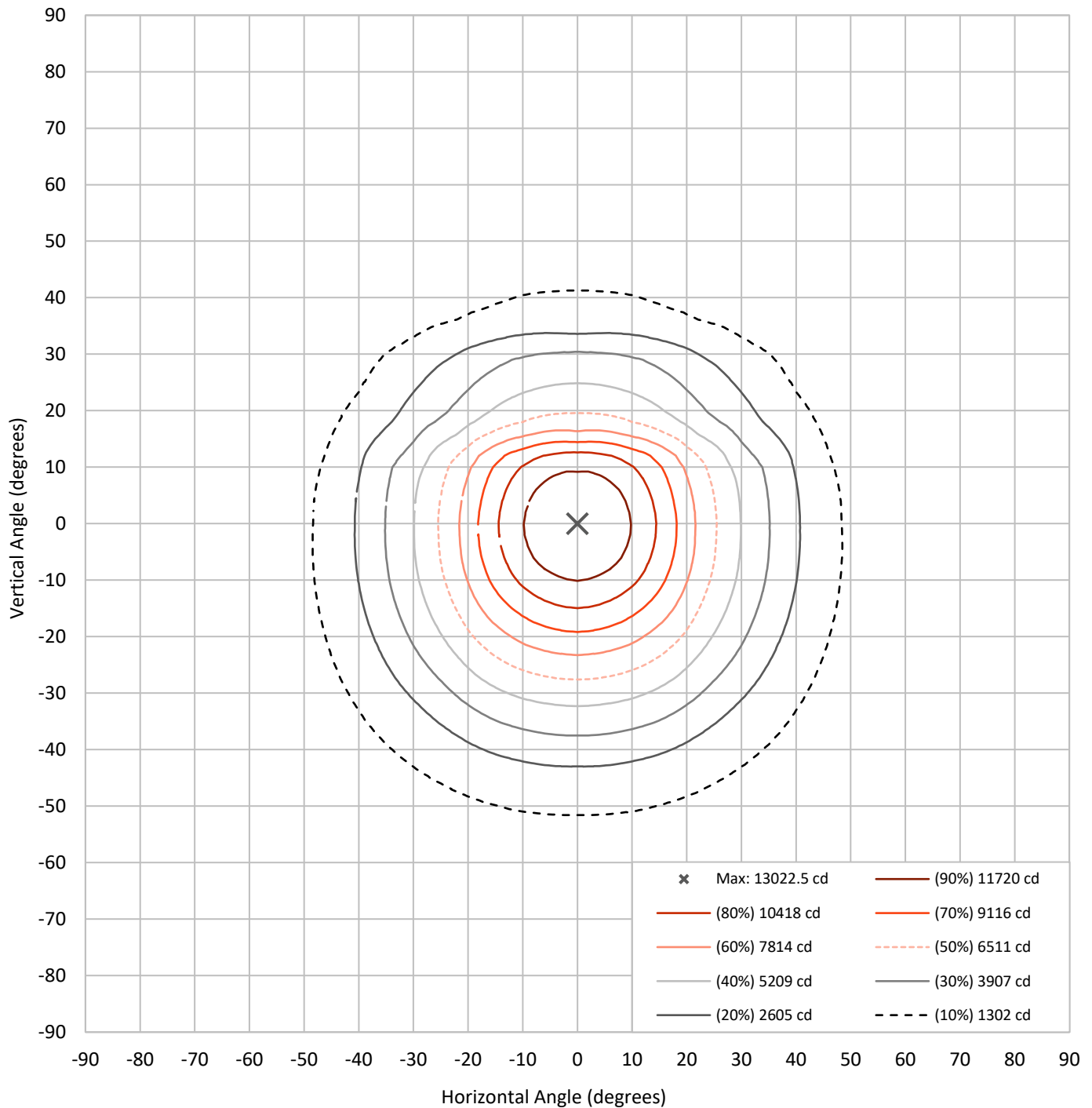
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	11488.6 lumens	Max Intensity:	13022.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	105.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	5531.2 lumens	Field Lumens:	10286.2 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
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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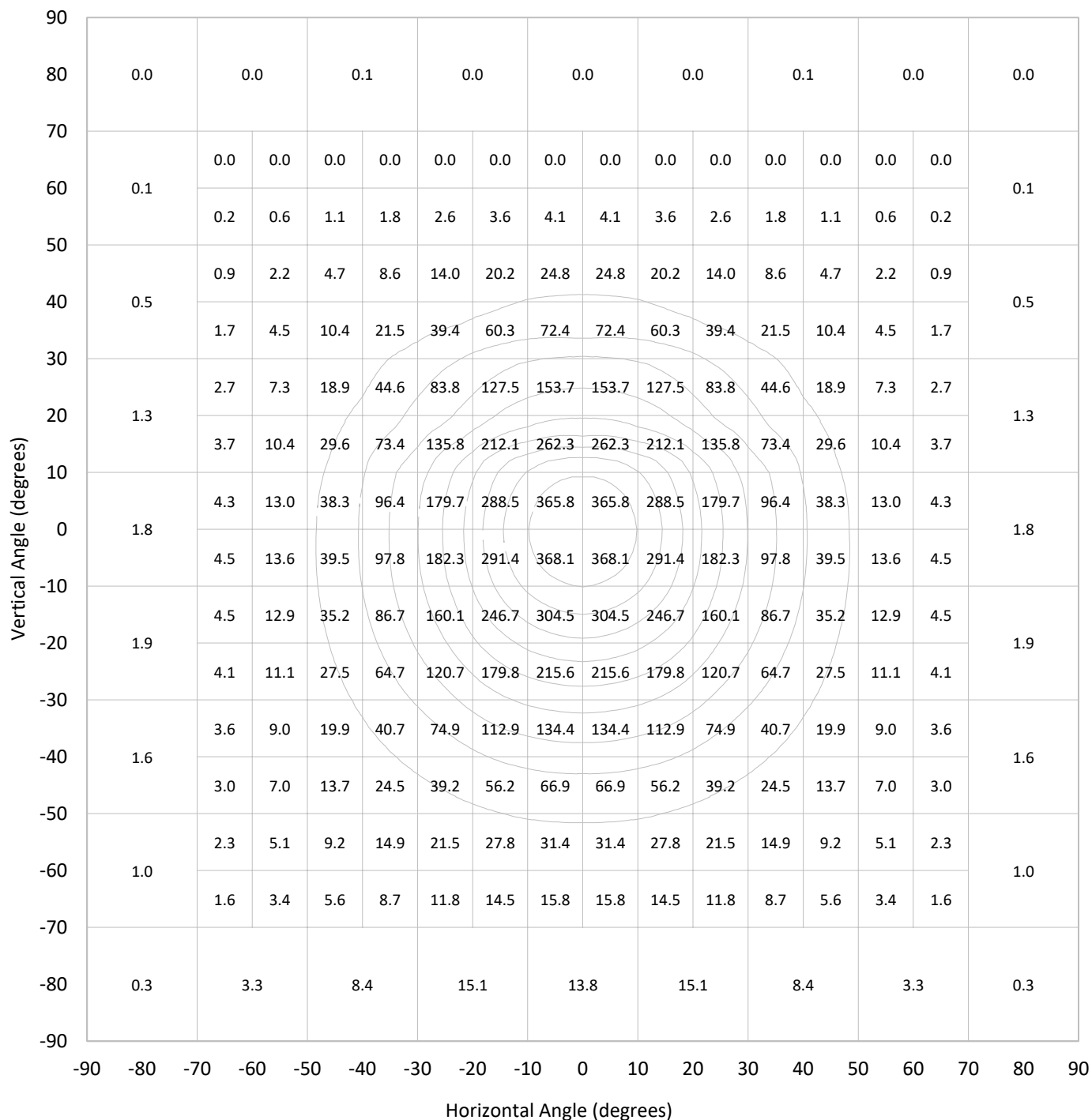
### Iso-Candela Plot





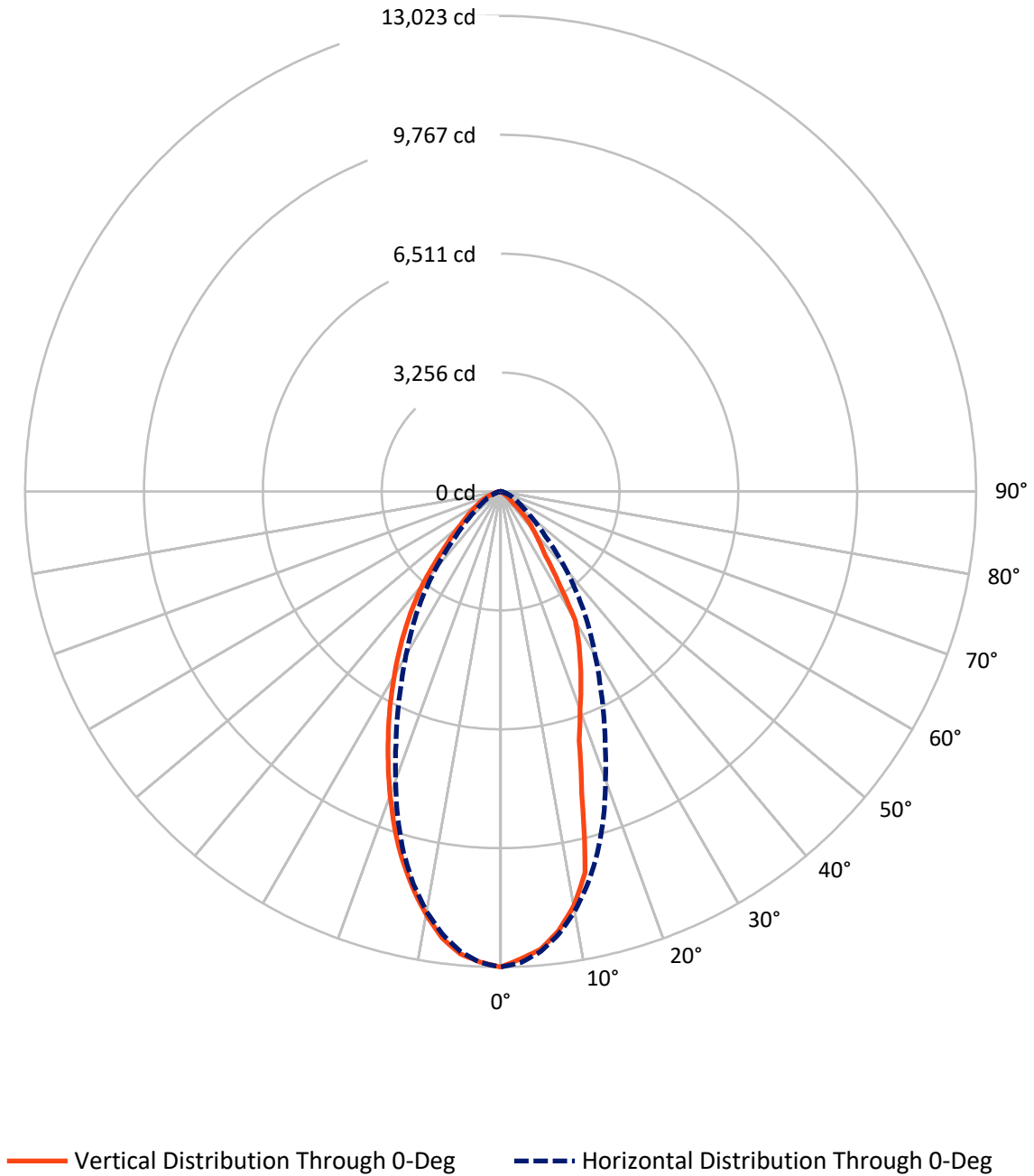
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### Lumen Table



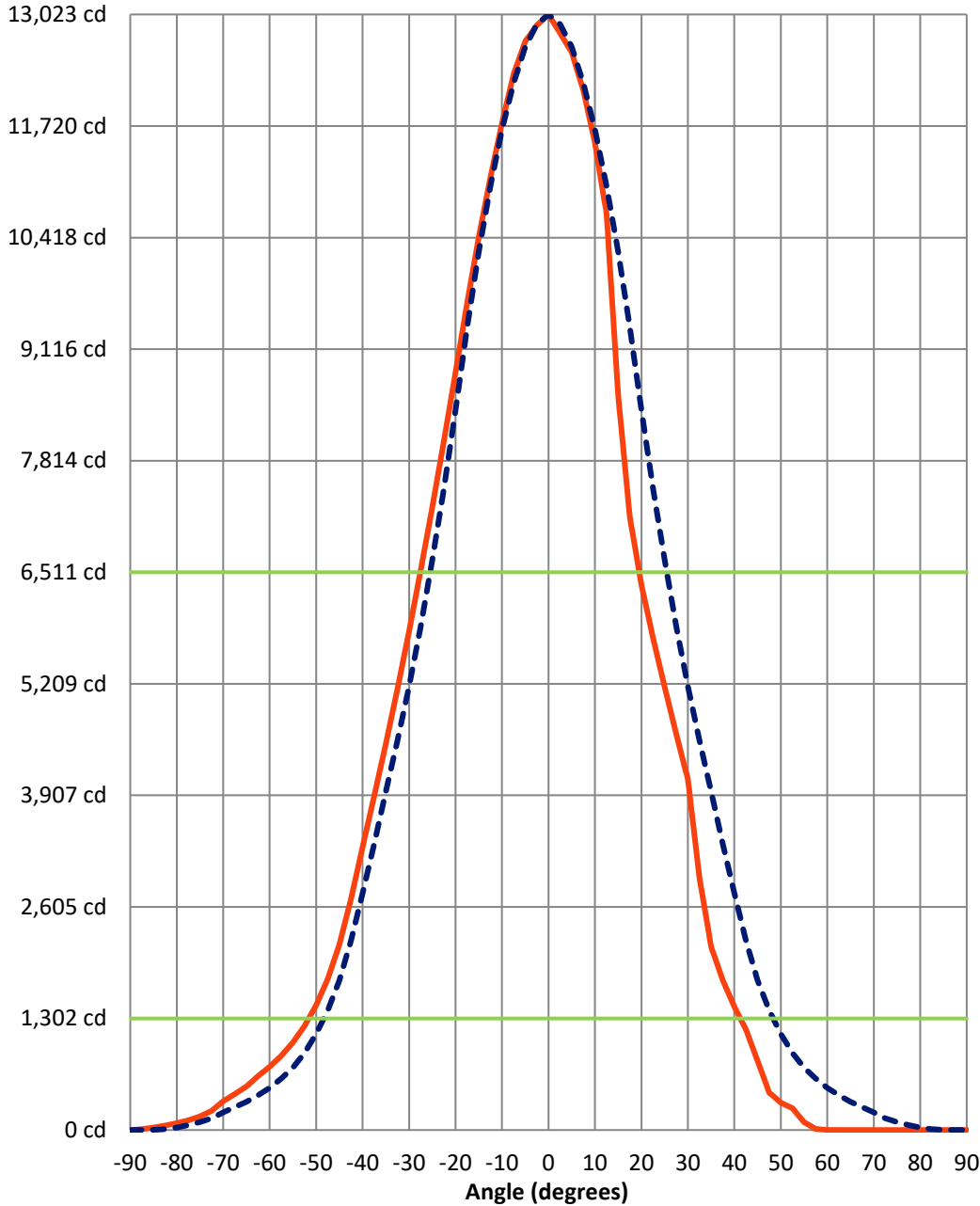
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 50.9°  
 V Angle: 47.1°  
 Lumens: 5531.2  
 Efficiency: 48.1%

**Field:**  
 H Angle: 96.7°  
 V Angle: 92.9°  
 Lumens: 10286.2  
 Efficiency: 89.5%

**Spill:**  
 Lumens: 1202.4  
 Efficiency: 10.5%

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

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.4
85°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
82.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.9	0.9	0.9
80°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	0.9	0.9	0.9	0.9
77.5°	0.0	0.2	0.4	0.6	0.8	0.9	0.9	0.9	0.9	0.9	0.9
75°	0.0	0.2	0.5	0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.9
72.5°	0.0	0.3	0.5	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9
70°	0.0	0.3	0.6	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0
67.5°	0.0	0.3	0.7	0.9	0.9	0.9	1.0	0.9	0.9	1.2	1.1
65°	0.0	0.4	0.8	0.9	0.9	1.0	1.1	0.9	1.3	1.5	1.8
62.5°	0.0	0.4	0.8	0.9	0.9	1.2	1.2	1.2	1.8	2.5	3.9
60°	0.0	0.4	0.9	0.9	0.9	1.5	1.4	1.7	2.2	6.1	6.6
57.5°	0.0	0.5	0.9	0.9	1.2	1.7	2.5	2.4	6.1	10.3	11.4
55°	0.0	0.5	0.9	0.9	1.4	2.0	3.8	3.5	11.1	15.6	17.7
52.5°	0.0	0.5	0.9	0.9	1.7	2.5	5.4	8.7	16.6	23.2	25.0
50°	0.0	0.6	1.0	0.9	2.1	4.2	7.1	14.5	23.2	31.6	38.2
47.5°	0.0	0.6	1.0	1.0	2.4	5.9	9.5	20.2	31.8	40.8	51.9
45°	0.0	0.6	1.0	1.2	2.7	7.7	14.5	26.1	40.5	52.9	65.3
42.5°	0.0	0.7	1.1	1.5	3.1	9.7	19.5	32.9	49.2	64.9	80.3
40°	0.0	0.7	1.1	1.8	4.0	11.7	24.5	40.4	58.2	76.5	95.9
37.5°	0.0	0.7	1.1	2.2	5.6	13.8	29.5	47.9	68.0	88.5	111.8
35°	0.0	0.7	1.2	2.7	7.2	17.2	34.4	55.2	77.8	102.8	129.2
32.5°	0.0	0.8	1.2	3.1	8.9	21.1	39.6	62.4	87.6	117.4	148.7
30°	0.0	0.8	1.3	3.6	10.5	24.9	45.4	69.7	97.4	132.4	168.4
27.5°	0.0	0.8	1.3	4.2	12.4	28.5	51.0	77.7	108.2	147.6	188.1
25°	0.0	0.8	1.4	4.7	14.3	32.1	56.5	85.5	120.6	163.8	207.9
22.5°	0.0	0.8	1.4	5.3	16.1	35.5	61.7	93.1	132.9	180.2	227.9
20°	0.0	0.8	1.5	5.9	17.9	38.9	66.6	100.5	145.0	196.3	247.0
17.5°	0.0	0.9	1.5	6.4	19.6	42.0	71.2	107.5	156.7	211.9	265.1
15°	0.0	0.9	1.6	7.0	21.2	45.0	75.5	113.8	168.1	226.9	282.1
12.5°	0.0	0.9	1.6	7.6	22.7	47.7	79.3	119.1	177.5	241.3	298.1
10°	0.0	0.9	1.7	8.2	24.2	50.2	82.8	123.8	185.1	249.8	310.6
7.5°	0.0	0.9	1.8	8.7	25.5	52.5	86.0	127.9	191.7	256.2	317.2
5°	0.0	0.9	1.8	9.3	26.7	54.5	88.7	131.4	197.4	261.3	322.5
2.5°	0.0	0.9	1.9	9.7	27.8	56.2	91.1	134.4	202.0	265.2	326.5
0°	0.0	0.9	1.9	10.2	28.8	57.7	93.0	136.7	205.6	267.9	329.3
-2.5°	0.0	1.0	2.2	10.9	30.1	59.5	95.5	140.6	209.6	271.8	333.7
-5°	0.0	1.0	2.5	11.5	31.3	61.0	97.6	143.9	212.6	274.6	336.8
-7.5°	0.0	1.1	2.7	12.0	32.3	62.3	99.3	146.5	214.4	276.3	338.6
-10°	0.0	1.1	3.0	12.5	33.1	63.2	100.5	148.4	215.2	277.0	339.2
-12.5°	0.0	1.2	3.2	12.9	33.7	63.8	101.2	149.4	214.9	276.5	337.6
-15°	0.0	1.2	3.5	13.2	34.1	64.1	101.4	149.7	213.4	274.1	334.3
-17.5°	0.0	1.3	3.7	13.5	34.3	64.0	101.1	149.4	210.6	270.9	329.8
-20°	0.0	1.3	3.9	13.6	34.3	63.6	100.8	148.7	207.2	266.8	324.0

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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.3	4.0	13.7	34.0	62.9	100.9	147.3	203.1	261.9	316.9
-25°	0.0	1.4	4.2	13.7	33.5	62.7	100.4	145.4	198.4	256.4	308.7
-27.5°	0.0	1.4	4.3	13.6	32.7	62.4	99.4	142.8	193.3	249.9	301.1
-30°	0.0	1.4	4.4	13.5	31.8	61.8	98.0	139.6	188.7	242.7	292.9
-32.5°	0.0	1.4	4.5	13.2	31.4	60.7	96.0	137.0	184.2	235.1	284.1
-35°	0.0	1.4	4.5	12.8	30.7	59.3	94.1	134.2	179.1	227.3	274.8
-37.5°	0.0	1.4	4.5	12.3	29.8	57.7	92.0	130.7	173.4	219.2	263.8
-40°	0.0	1.4	4.5	11.7	28.6	56.3	89.4	126.7	167.2	211.7	252.1
-42.5°	0.0	1.4	4.5	11.2	27.8	54.5	86.2	122.0	161.3	202.0	239.7
-45°	0.0	1.3	4.4	10.8	27.2	52.4	82.5	117.2	155.4	191.5	226.7
-47.5°	0.0	1.3	4.3	10.2	26.4	49.9	78.4	112.3	148.7	180.7	214.7
-50°	0.0	1.3	4.1	10.0	25.3	47.1	74.7	106.8	140.0	170.9	202.3
-52.5°	0.0	1.2	4.0	9.8	23.9	43.9	70.8	100.6	131.3	160.6	189.7
-55°	0.0	1.2	3.8	9.6	22.2	41.3	66.4	94.1	122.3	149.9	177.9
-57.5°	0.0	1.1	3.6	9.2	20.3	38.5	61.6	88.2	112.9	139.1	165.6
-60°	0.0	1.1	3.3	8.7	18.2	35.3	56.5	81.2	103.2	127.9	153.0
-62.5°	0.0	1.0	3.1	8.1	17.0	31.8	51.5	73.4	93.6	116.3	140.0
-65°	0.0	0.9	2.9	7.3	15.5	27.9	46.1	65.2	83.4	104.0	126.4
-67.5°	0.0	0.8	2.7	6.5	13.9	24.4	40.2	57.0	72.6	91.0	111.4
-70°	0.0	0.8	2.4	5.6	12.1	21.4	33.9	48.4	62.5	77.4	95.3
-72.5°	0.0	0.7	2.1	5.0	10.1	18.2	28.8	39.6	52.0	65.1	79.0
-75°	0.0	0.6	1.9	4.3	8.0	14.7	23.6	32.3	41.2	52.5	64.4
-77.5°	0.0	0.5	1.6	3.7	6.6	11.1	18.2	25.4	32.8	40.5	49.6
-80°	0.0	0.4	1.3	3.0	5.4	8.5	12.6	18.3	24.4	30.7	37.3
-82.5°	0.0	0.3	1.0	2.2	4.1	6.4	9.3	12.3	15.8	20.7	25.8
-85°	0.0	0.2	0.6	1.5	2.7	4.3	6.2	8.2	10.5	12.9	15.7
-87.5°	0.0	0.1	0.3	0.8	1.4	2.2	3.1	4.1	5.2	6.5	7.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P626982 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-735-U-WR-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°	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7
85°	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
80°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
77.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
72.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
70°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7
67.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.5
65°	0.9	0.9	1.2	1.3	0.9	0.9	0.9	0.9	0.9	0.8	0.8
62.5°	1.3	1.6	2.1	3.2	2.4	0.9	1.8	2.1	1.4	1.1	1.2
60°	4.0	2.8	7.1	9.9	6.5	3.4	4.2	8.4	7.0	1.9	4.9
57.5°	8.2	10.1	18.0	18.9	14.5	9.8	21.5	23.9	19.8	12.4	17.9
55°	17.1	24.0	30.4	30.0	30.2	38.0	44.6	43.8	38.6	53.3	67.1
52.5°	32.4	39.6	43.8	47.7	58.6	65.8	67.9	72.0	87.1	105.3	108.5
50°	47.5	54.9	60.5	74.7	85.8	91.5	96.8	110.7	133.6	146.1	148.1
47.5°	62.9	71.1	85.8	101.3	112.0	120.6	129.8	161.4	187.0	197.6	201.4
45°	78.9	93.2	111.5	127.4	139.8	151.5	181.4	224.5	242.5	258.7	300.1
42.5°	95.5	117.1	137.6	154.3	168.3	192.7	234.4	276.1	301.9	336.5	386.4
40°	116.6	140.9	164.7	181.6	199.2	236.1	287.7	331.8	359.2	405.5	462.4
37.5°	138.2	166.5	192.2	210.0	234.7	284.7	345.3	398.2	432.1	469.8	561.2
35°	159.4	192.6	219.0	242.9	273.3	342.4	417.0	475.9	517.7	582.3	698.1
32.5°	182.1	219.2	246.1	278.7	328.8	406.0	497.6	563.0	632.3	725.3	910.8
30°	206.3	244.1	275.1	314.3	381.4	471.4	577.8	659.9	754.0	905.2	1105.0
27.5°	230.3	268.9	307.1	357.0	430.7	527.9	639.0	768.5	890.1	1059.1	1277.5
25°	253.5	294.1	338.5	398.7	478.4	580.2	701.5	850.9	1009.6	1202.9	1459.4
22.5°	275.6	319.8	371.7	436.5	518.7	629.8	774.5	950.0	1140.8	1340.9	1635.7
20°	297.2	348.5	408.0	480.5	555.8	675.6	846.0	1058.5	1297.5	1571.7	1860.6
17.5°	318.6	376.8	445.5	526.1	617.3	740.0	919.2	1172.2	1463.0	1820.0	2175.7
15°	339.5	404.6	481.8	571.1	679.4	826.0	1029.6	1307.6	1659.0	2086.5	2507.8
12.5°	359.9	431.5	516.6	615.1	739.6	907.0	1133.5	1433.5	1836.2	2346.9	2864.5
10°	379.3	457.3	549.6	657.5	797.3	982.3	1225.5	1542.4	1969.9	2496.2	3071.9
7.5°	389.3	474.8	577.8	697.9	851.7	1051.5	1305.4	1634.5	2074.3	2616.2	3193.4
5°	396.4	482.8	588.4	714.0	881.6	1098.5	1366.6	1709.7	2151.3	2706.5	3275.7
2.5°	401.8	488.6	596.1	723.1	893.4	1114.2	1386.9	1736.0	2192.6	2753.7	3323.7
0°	405.6	492.1	600.9	728.3	899.5	1121.8	1396.2	1746.9	2210.1	2764.5	3341.2
-2.5°	409.6	496.9	605.9	736.4	908.0	1132.1	1406.5	1754.6	2223.2	2767.5	3350.6
-5°	411.9	499.4	607.9	740.4	910.7	1134.0	1405.7	1747.3	2212.7	2745.7	3330.2
-7.5°	412.5	499.7	606.8	739.6	907.2	1125.2	1390.9	1725.4	2176.7	2701.8	3279.9
-10°	411.5	497.5	602.8	732.9	897.0	1107.0	1364.3	1687.7	2117.4	2629.2	3194.9
-12.5°	408.5	492.9	595.6	721.9	880.6	1081.0	1326.9	1633.8	2035.0	2528.4	3075.1
-15°	403.6	486.0	585.2	706.7	857.9	1047.6	1278.8	1563.9	1929.0	2400.1	2925.9
-17.5°	397.0	476.8	571.7	687.4	828.9	1007.0	1220.6	1482.0	1814.7	2257.0	2760.1
-20°	388.5	465.3	554.9	663.9	795.4	964.2	1166.6	1409.5	1707.7	2093.1	2564.4

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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	378.2	451.6	537.2	641.4	765.8	919.8	1106.3	1327.3	1587.7	1903.7	2350.8
-25°	367.6	438.6	519.9	616.4	731.9	869.4	1037.2	1238.6	1474.4	1763.6	2133.3
-27.5°	357.2	423.5	499.9	587.5	694.0	817.5	972.3	1155.9	1366.0	1612.0	1913.1
-30°	345.4	406.8	477.9	557.3	657.6	772.3	906.1	1063.4	1250.2	1472.5	1734.2
-32.5°	332.6	388.7	456.6	531.1	618.7	723.1	838.8	981.1	1143.6	1326.9	1553.2
-35°	319.8	373.4	434.8	502.9	576.8	674.6	780.9	899.0	1037.3	1199.6	1380.5
-37.5°	307.5	356.6	411.3	474.9	544.2	625.4	719.4	825.9	945.0	1074.1	1230.4
-40°	293.8	338.5	390.3	447.8	509.2	579.5	664.2	754.7	857.2	970.8	1091.5
-42.5°	278.9	321.9	369.1	418.7	475.0	537.9	608.0	690.8	775.9	871.2	976.5
-45°	264.3	303.8	347.0	392.2	439.6	495.2	558.9	627.7	703.2	780.9	869.4
-47.5°	248.9	284.9	325.2	364.6	406.6	454.0	508.1	570.6	633.5	702.7	771.3
-50°	233.5	267.3	301.2	338.0	375.5	415.0	460.7	514.6	571.9	629.3	689.7
-52.5°	219.7	249.0	279.6	311.1	345.3	380.4	418.5	463.0	513.1	563.7	615.7
-55°	205.6	232.6	257.9	286.2	315.7	347.3	381.3	418.7	456.5	502.6	547.4
-57.5°	191.9	215.8	237.8	261.9	288.2	315.0	345.6	377.4	411.7	446.5	483.2
-60°	178.0	198.4	218.3	239.2	261.3	285.1	309.7	337.7	367.1	397.4	429.1
-62.5°	163.8	180.3	197.8	216.9	236.4	254.8	275.4	298.2	322.5	348.5	375.4
-65°	147.8	161.5	176.1	192.8	211.0	225.9	241.7	258.8	278.9	300.3	321.4
-67.5°	130.8	142.9	154.8	167.2	182.0	195.2	208.2	221.9	236.9	254.4	271.4
-70°	111.8	123.9	134.4	144.7	154.1	163.5	174.5	185.3	197.4	213.1	228.5
-72.5°	92.5	103.8	113.8	122.5	129.1	134.8	141.5	149.3	160.9	175.5	189.1
-75°	74.8	83.9	93.3	101.6	105.9	107.6	109.0	113.1	124.8	139.8	153.0
-77.5°	58.3	66.2	73.8	81.1	84.1	85.3	85.8	85.8	94.5	107.2	120.6
-80°	42.9	48.4	54.9	61.1	63.0	63.5	63.6	63.2	70.3	79.4	89.2
-82.5°	29.8	33.8	37.9	42.2	42.7	42.4	41.8	41.2	46.9	53.5	60.3
-85°	17.4	19.0	21.5	24.1	24.4	24.3	23.9	23.1	26.3	29.9	33.7
-87.5°	8.7	9.5	10.4	11.2	10.9	10.5	9.9	9.2	10.1	11.0	12.0
-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-SA2D-735-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.7	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.9	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.9	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.9	0.7	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.9	0.7	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.9	0.8	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.9	0.8	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.4	0.5	0.5	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.9	0.9	0.7	0.4	0.2	0.2	0.2	0.2	0.1	0.0	0.0
62.5°	1.2	1.1	0.8	0.8	0.8	0.9	0.7	0.6	0.6	0.6	0.7
60°	5.2	3.0	3.0	3.9	3.3	1.5	3.0	3.8	3.6	2.7	2.4
57.5°	26.7	22.3	15.6	26.1	26.9	18.8	20.4	26.6	25.8	19.9	19.8
55°	67.2	68.2	73.2	79.9	84.8	87.0	89.0	99.0	109.7	120.2	125.4
52.5°	111.1	124.1	140.2	151.0	158.4	173.7	195.2	205.1	214.6	225.5	233.4
50°	163.7	186.2	202.4	204.8	230.3	246.9	250.8	269.2	289.3	301.9	310.9
47.5°	243.5	272.0	286.2	295.2	326.2	360.2	360.3	370.9	421.3	447.6	460.3
45°	350.7	374.5	399.5	464.5	524.2	543.2	583.8	638.7	674.4	723.6	777.7
42.5°	442.0	486.7	549.3	620.9	680.8	730.7	790.9	857.0	936.3	1011.0	1075.4
40°	532.3	587.7	665.3	743.1	818.5	887.6	984.8	1069.7	1163.4	1266.0	1351.6
37.5°	650.2	721.0	801.2	899.4	1016.8	1093.5	1227.2	1349.2	1454.7	1578.7	1655.1
35°	831.2	923.6	994.6	1193.0	1335.8	1425.5	1583.7	1784.4	1861.5	2017.6	2091.7
32.5°	1058.9	1181.6	1368.5	1631.3	1821.9	1987.1	2223.6	2427.2	2600.8	2757.6	2920.7
30°	1314.7	1504.2	1779.6	2128.7	2322.4	2553.7	2873.5	3115.0	3387.1	3685.8	3790.5
27.5°	1546.8	1830.6	2150.3	2433.1	2711.3	2999.4	3313.7	3623.8	3918.4	4166.9	4333.8
25°	1762.0	2105.6	2416.4	2718.6	3020.0	3344.4	3699.9	4051.7	4375.8	4631.6	4826.0
22.5°	1983.8	2346.9	2679.4	2986.0	3336.6	3704.3	4082.3	4485.7	4854.6	5120.0	5331.9
20°	2192.5	2596.3	2975.5	3324.6	3656.1	4080.5	4515.8	4943.7	5345.4	5661.5	5905.9
17.5°	2523.6	2874.2	3337.7	3791.2	4164.6	4554.5	5136.2	5577.9	6023.7	6402.2	6661.2
15°	2930.4	3315.8	3794.4	4417.3	4928.9	5375.6	5976.5	6695.0	7220.8	7704.1	8035.7
12.5°	3337.4	3773.3	4291.0	4992.0	5720.5	6246.6	6975.6	7886.0	8498.5	9246.7	9615.6
10°	3649.4	4196.8	4729.9	5369.6	6069.2	6818.5	7604.3	8456.1	9274.4	9916.9	10491.3
7.5°	3774.9	4358.1	4975.2	5627.9	6327.5	7100.7	7938.3	8824.6	9666.9	10384.5	11015.7
5°	3868.8	4466.3	5087.6	5754.9	6502.7	7310.2	8160.3	9090.8	9951.0	10720.1	11365.8
2.5°	3928.5	4531.6	5150.2	5828.7	6615.1	7446.6	8324.0	9279.2	10152.2	10944.1	11587.8
0°	3951.4	4545.8	5179.2	5877.8	6656.3	7489.8	8405.1	9371.5	10251.5	11017.0	11679.3
-2.5°	3954.5	4532.6	5181.1	5876.2	6621.2	7462.4	8388.8	9347.2	10209.2	10971.7	11639.9
-5°	3923.5	4501.3	5150.4	5835.0	6581.0	7415.9	8302.5	9228.7	10050.8	10792.9	11436.2
-7.5°	3860.5	4436.8	5071.5	5740.5	6466.4	7276.2	8127.7	8988.8	9795.3	10507.0	11120.9
-10°	3767.2	4331.3	4944.1	5595.8	6282.7	7053.0	7864.9	8687.6	9444.0	10102.1	10669.8
-12.5°	3640.7	4191.9	4777.0	5399.2	6038.5	6773.0	7539.6	8312.2	9001.6	9602.5	10111.8
-15°	3476.5	4014.8	4581.4	5169.8	5789.8	6454.0	7142.0	7850.6	8486.4	9019.3	9484.6
-17.5°	3283.1	3805.1	4343.2	4888.8	5477.0	6100.1	6738.8	7374.9	7917.1	8390.5	8816.1
-20°	3067.4	3570.4	4081.6	4590.1	5123.8	5700.1	6290.0	6848.7	7322.6	7752.7	8142.1



REPORT NUMBER: P626982 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-735-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2825.6	3307.1	3797.0	4272.9	4754.2	5276.0	5802.8	6308.1	6751.3	7119.3	7457.6
-25°	2566.8	3011.6	3474.2	3920.5	4363.5	4831.0	5309.5	5774.4	6164.6	6484.0	6763.6
-27.5°	2306.0	2712.5	3120.1	3540.1	3949.6	4381.1	4814.3	5215.8	5566.1	5860.3	6095.2
-30°	2031.8	2395.2	2767.5	3147.5	3538.5	3933.4	4324.8	4676.4	4982.1	5240.8	5443.9
-32.5°	1804.0	2080.1	2408.7	2753.7	3120.2	3480.0	3820.5	4141.0	4429.1	4654.9	4827.2
-35°	1585.6	1819.4	2065.5	2370.9	2685.8	3016.9	3330.1	3616.1	3872.9	4070.3	4232.3
-37.5°	1397.9	1582.8	1790.9	2008.9	2272.9	2546.6	2829.3	3098.3	3327.3	3499.5	3644.2
-40°	1235.4	1381.3	1547.7	1720.5	1914.7	2111.4	2357.5	2584.6	2771.5	2932.4	3063.5
-42.5°	1088.5	1211.7	1334.5	1476.3	1622.8	1780.9	1953.6	2121.5	2265.0	2399.7	2511.0
-45°	961.7	1060.1	1158.0	1267.5	1375.1	1503.7	1627.1	1737.2	1853.4	1954.3	2033.6
-47.5°	850.8	927.6	1011.5	1093.4	1179.8	1276.6	1368.5	1452.2	1537.4	1611.2	1670.3
-50°	752.3	815.9	884.4	948.8	1018.7	1089.5	1157.4	1224.0	1288.7	1344.8	1388.5
-52.5°	666.0	721.6	774.9	826.2	881.8	934.2	983.4	1038.4	1089.0	1133.2	1163.1
-55°	592.6	637.9	681.7	724.5	766.5	806.3	845.5	888.2	927.2	962.4	984.6
-57.5°	523.6	562.2	599.3	634.2	667.6	699.2	732.2	765.0	795.1	821.6	838.8
-60°	460.9	492.4	524.5	553.0	579.9	605.1	632.9	659.2	683.5	703.9	715.8
-62.5°	403.4	431.7	455.3	477.9	500.8	523.5	543.3	562.7	581.4	597.2	607.6
-65°	343.3	367.3	387.4	405.5	421.9	439.6	456.4	471.6	485.1	495.4	502.0
-67.5°	289.5	307.2	323.3	337.7	352.4	366.5	379.4	391.0	401.1	408.3	413.0
-70°	242.8	256.3	269.5	282.6	295.6	306.6	316.0	324.7	332.5	335.7	337.2
-72.5°	201.8	213.7	225.3	236.9	247.7	256.3	263.2	269.6	275.3	270.4	261.8
-75°	164.5	175.1	185.9	196.1	205.7	212.2	217.4	222.1	226.4	215.8	201.1
-77.5°	134.1	143.3	151.3	159.3	167.2	171.4	174.6	177.9	180.9	169.1	154.1
-80°	99.5	106.9	113.7	120.4	127.0	129.5	130.9	131.9	132.5	122.3	110.6
-82.5°	67.2	71.1	74.8	78.7	82.7	84.8	86.4	87.6	88.5	81.2	73.1
-85°	37.6	38.8	39.7	40.5	41.1	42.5	43.7	44.9	46.0	42.5	38.8
-87.5°	12.9	12.9	12.9	12.8	12.7	12.7	12.7	12.6	12.6	12.0	11.4
-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: P626982 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-735-U-WR-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	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
62.5°	0.8	0.9	0.9	0.9	0.9	0.9	0.8	0.7	0.6	0.6	0.6
60°	1.8	1.1	0.9	0.9	0.9	1.1	1.8	2.4	2.7	3.6	3.8
57.5°	18.5	16.1	14.5	13.0	14.5	16.1	18.5	19.8	19.9	25.8	26.6
55°	123.2	114.7	104.3	92.1	104.3	114.7	123.2	125.4	120.2	109.7	99.0
52.5°	241.7	249.7	254.3	253.9	254.3	249.7	241.7	233.4	225.5	214.6	205.1
50°	318.1	322.5	322.7	319.1	322.7	322.5	318.1	310.9	301.9	289.3	269.2
47.5°	466.0	459.9	449.4	438.1	449.4	459.9	466.0	460.3	447.6	421.3	370.9
45°	813.2	832.8	831.5	806.5	831.5	832.8	813.2	777.7	723.6	674.4	638.7
42.5°	1111.4	1140.7	1161.5	1172.0	1161.5	1140.7	1111.4	1075.4	1011.0	936.3	857.0
40°	1399.8	1428.1	1440.6	1439.9	1440.6	1428.1	1399.8	1351.6	1266.0	1163.4	1069.7
37.5°	1704.6	1741.3	1759.1	1750.6	1759.1	1741.3	1704.6	1655.1	1578.7	1454.7	1349.2
35°	2123.8	2158.1	2158.7	2141.3	2158.7	2158.1	2123.8	2091.7	2017.6	1861.5	1784.4
32.5°	3050.2	3061.6	2973.4	2942.1	2973.4	3061.6	3050.2	2920.7	2757.6	2600.8	2427.2
30°	3894.6	3976.0	4051.8	4090.0	4051.8	3976.0	3894.6	3790.5	3685.8	3387.1	3115.0
27.5°	4459.6	4557.5	4618.1	4622.0	4618.1	4557.5	4459.6	4333.8	4166.9	3918.4	3623.8
25°	4973.4	5083.0	5149.1	5171.8	5149.1	5083.0	4973.4	4826.0	4631.6	4375.8	4051.7
22.5°	5511.7	5640.8	5726.3	5743.8	5726.3	5640.8	5511.7	5331.9	5120.0	4854.6	4485.7
20°	6136.3	6286.5	6368.5	6365.2	6368.5	6286.5	6136.3	5905.9	5661.5	5345.4	4943.7
17.5°	6958.6	7119.7	7190.5	7159.6	7190.5	7119.7	6958.6	6661.2	6402.2	6023.7	5577.9
15°	8376.0	8713.0	8711.7	8577.1	8711.7	8713.0	8376.0	8035.7	7704.1	7220.8	6695.0
12.5°	10124.3	10375.5	10633.2	10688.6	10633.2	10375.5	10124.3	9615.6	9246.7	8498.5	7886.0
10°	10975.0	11308.6	11528.8	11523.0	11528.8	11308.6	10975.0	10491.3	9916.9	9274.4	8456.1
7.5°	11507.2	11875.8	12142.7	12136.9	12142.7	11875.8	11507.2	11015.7	10384.5	9666.9	8824.6
5°	11918.0	12326.8	12563.1	12580.6	12563.1	12326.8	11918.0	11365.8	10720.1	9951.0	9090.8
2.5°	12131.4	12558.1	12842.2	12804.8	12842.2	12558.1	12131.4	11587.8	10944.1	10152.2	9279.2
0°	12220.6	12642.9	12908.0	13022.5	12908.0	12642.9	12220.6	11679.3	11017.0	10251.5	9371.5
-2.5°	12181.7	12592.6	12885.5	12896.9	12885.5	12592.6	12181.7	11639.9	10971.7	10209.2	9347.2
-5°	11972.9	12406.6	12602.8	12707.1	12602.8	12406.6	11972.9	11436.2	10792.9	10050.8	9228.7
-7.5°	11636.3	11961.3	12210.7	12325.8	12210.7	11961.3	11636.3	11120.9	10507.0	9795.3	8988.8
-10°	11112.5	11448.9	11659.6	11754.6	11659.6	11448.9	11112.5	10669.8	10102.1	9444.0	8687.6
-12.5°	10532.1	10837.9	11038.2	11118.4	11038.2	10837.9	10532.1	10111.8	9602.5	9001.6	8312.2
-15°	9884.7	10162.3	10346.6	10423.5	10346.6	10162.3	9884.7	9484.6	9019.3	8486.4	7850.6
-17.5°	9171.9	9415.2	9598.9	9654.3	9598.9	9415.2	9171.9	8816.1	8390.5	7917.1	7374.9
-20°	8439.1	8659.0	8810.3	8843.2	8810.3	8659.0	8439.1	8142.1	7752.7	7322.6	6848.7



REPORT NUMBER: P626982 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-735-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	7700.6	7881.7	8004.6	8046.0	8004.6	7881.7	7700.6	7457.6	7119.3	6751.3	6308.1
-25°	6978.9	7135.2	7234.2	7271.2	7234.2	7135.2	6978.9	6763.6	6484.0	6164.6	5774.4
-27.5°	6284.8	6430.5	6521.4	6533.6	6521.4	6430.5	6284.8	6095.2	5860.3	5566.1	5215.8
-30°	5601.8	5722.2	5792.3	5822.0	5792.3	5722.2	5601.8	5443.9	5240.8	4982.1	4676.4
-32.5°	4963.6	5068.8	5131.7	5148.5	5131.7	5068.8	4963.6	4827.2	4654.9	4429.1	4141.0
-35°	4361.1	4458.2	4514.0	4509.5	4514.0	4458.2	4361.1	4232.3	4070.3	3872.9	3616.1
-37.5°	3763.8	3853.4	3904.0	3899.3	3904.0	3853.4	3763.8	3644.2	3499.5	3327.3	3098.3
-40°	3171.3	3248.6	3293.2	3304.0	3293.2	3248.6	3171.3	3063.5	2932.4	2771.5	2584.6
-42.5°	2603.6	2675.0	2710.7	2696.6	2710.7	2675.0	2603.6	2511.0	2399.7	2265.0	2121.5
-45°	2089.1	2126.0	2150.3	2165.4	2150.3	2126.0	2089.1	2033.6	1954.3	1853.4	1737.2
-47.5°	1713.6	1744.2	1760.8	1763.6	1760.8	1744.2	1713.6	1670.3	1611.2	1537.4	1452.2
-50°	1422.4	1448.4	1459.9	1456.7	1459.9	1448.4	1422.4	1388.5	1344.8	1288.7	1224.0
-52.5°	1184.6	1199.7	1209.8	1214.8	1209.8	1199.7	1184.6	1163.1	1133.2	1089.0	1038.4
-55°	1001.4	1013.1	1020.0	1022.3	1020.0	1013.1	1001.4	984.6	962.4	927.2	888.2
-57.5°	853.2	864.3	868.4	866.9	868.4	864.3	853.2	838.8	821.6	795.1	765.0
-60°	724.9	731.3	736.1	738.6	736.1	731.3	724.9	715.8	703.9	683.5	659.2
-62.5°	615.8	621.8	626.8	629.7	626.8	621.8	615.8	607.6	597.2	581.4	562.7
-65°	506.5	509.2	509.9	508.8	509.9	509.2	506.5	502.0	495.4	485.1	471.6
-67.5°	416.5	418.7	420.2	420.4	420.2	418.7	416.5	413.0	408.3	401.1	391.0
-70°	338.6	339.5	338.4	335.8	338.4	339.5	338.6	337.2	335.7	332.5	324.7
-72.5°	252.9	243.6	234.4	224.2	234.4	243.6	252.9	261.8	270.4	275.3	269.6
-75°	185.9	170.2	164.6	159.1	164.6	170.2	185.9	201.1	215.8	226.4	222.1
-77.5°	138.3	122.0	117.6	113.5	117.6	122.0	138.3	154.1	169.1	180.9	177.9
-80°	98.3	85.5	82.7	80.0	82.7	85.5	98.3	110.6	122.3	132.5	131.9
-82.5°	64.6	55.7	53.9	52.1	53.9	55.7	64.6	73.1	81.2	88.5	87.6
-85°	34.8	30.6	29.7	28.8	29.7	30.6	34.8	38.8	42.5	46.0	44.9
-87.5°	10.8	10.2	10.2	10.2	10.2	10.2	10.8	11.4	12.0	12.6	12.6
-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: P626982 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-735-U-WR-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°	0.0	0.0	0.0	0.2	0.4	0.6	0.7	0.7	0.7	0.7	0.6
85°	0.0	0.0	0.0	0.2	0.5	0.7	0.9	0.9	0.9	0.9	0.9
82.5°	0.0	0.0	0.0	0.2	0.5	0.7	0.9	0.9	0.9	0.9	0.9
80°	0.0	0.0	0.0	0.3	0.5	0.7	0.9	0.9	0.9	0.9	0.9
77.5°	0.0	0.0	0.0	0.3	0.5	0.7	0.9	0.9	0.9	0.9	0.9
75°	0.0	0.0	0.1	0.3	0.5	0.8	0.9	0.9	0.9	0.9	0.9
72.5°	0.0	0.0	0.1	0.3	0.5	0.8	0.9	0.9	0.9	0.9	0.9
70°	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.7	0.9	0.9	0.9
67.5°	0.0	0.0	0.2	0.4	0.5	0.5	0.4	0.5	0.7	0.9	0.9
65°	0.2	0.2	0.2	0.4	0.7	0.9	0.9	0.8	0.8	0.9	0.9
62.5°	0.7	0.9	0.8	0.8	0.8	1.1	1.2	1.2	1.1	1.4	2.1
60°	3.0	1.5	3.3	3.9	3.0	3.0	5.2	4.9	1.9	7.0	8.4
57.5°	20.4	18.8	26.9	26.1	15.6	22.3	26.7	17.9	12.4	19.8	23.9
55°	89.0	87.0	84.8	79.9	73.2	68.2	67.2	67.1	53.3	38.6	43.8
52.5°	195.2	173.7	158.4	151.0	140.2	124.1	111.1	108.5	105.3	87.1	72.0
50°	250.8	246.9	230.3	204.8	202.4	186.2	163.7	148.1	146.1	133.6	110.7
47.5°	360.3	360.2	326.2	295.2	286.2	272.0	243.5	201.4	197.6	187.0	161.4
45°	583.8	543.2	524.2	464.5	399.5	374.5	350.7	300.1	258.7	242.5	224.5
42.5°	790.9	730.7	680.8	620.9	549.3	486.7	442.0	386.4	336.5	301.9	276.1
40°	984.8	887.6	818.5	743.1	665.3	587.7	532.3	462.4	405.5	359.2	331.8
37.5°	1227.2	1093.5	1016.8	899.4	801.2	721.0	650.2	561.2	469.8	432.1	398.2
35°	1583.7	1425.5	1335.8	1193.0	994.6	923.6	831.2	698.1	582.3	517.7	475.9
32.5°	2223.6	1987.1	1821.9	1631.3	1368.5	1181.6	1058.9	910.8	725.3	632.3	563.0
30°	2873.5	2553.7	2322.4	2128.7	1779.6	1504.2	1314.7	1105.0	905.2	754.0	659.9
27.5°	3313.7	2999.4	2711.3	2433.1	2150.3	1830.6	1546.8	1277.5	1059.1	890.1	768.5
25°	3699.9	3344.4	3020.0	2718.6	2416.4	2105.6	1762.0	1459.4	1202.9	1009.6	850.9
22.5°	4082.3	3704.3	3336.6	2986.0	2679.4	2346.9	1983.8	1635.7	1340.9	1140.8	950.0
20°	4515.8	4080.5	3656.1	3324.6	2975.5	2596.3	2192.5	1860.6	1571.7	1297.5	1058.5
17.5°	5136.2	4554.5	4164.6	3791.2	3337.7	2874.2	2523.6	2175.7	1820.0	1463.0	1172.2
15°	5976.5	5375.6	4928.9	4417.3	3794.4	3315.8	2930.4	2507.8	2086.5	1659.0	1307.6
12.5°	6975.6	6246.6	5720.5	4992.0	4291.0	3773.3	3337.4	2864.5	2346.9	1836.2	1433.5
10°	7604.3	6818.5	6069.2	5369.6	4729.9	4196.8	3649.4	3071.9	2496.2	1969.9	1542.4
7.5°	7938.3	7100.7	6327.5	5627.9	4975.2	4358.1	3774.9	3193.4	2616.2	2074.3	1634.5
5°	8160.3	7310.2	6502.7	5754.9	5087.6	4466.3	3868.8	3275.7	2706.5	2151.3	1709.7
2.5°	8324.0	7446.6	6615.1	5828.7	5150.2	4531.6	3928.5	3323.7	2753.7	2192.6	1736.0
0°	8405.1	7489.8	6656.3	5877.8	5179.2	4545.8	3951.4	3341.2	2764.5	2210.1	1746.9
-2.5°	8388.8	7462.4	6621.2	5876.2	5181.1	4532.6	3954.5	3350.6	2767.5	2223.2	1754.6
-5°	8302.5	7415.9	6581.0	5835.0	5150.4	4501.3	3923.5	3330.2	2745.7	2212.7	1747.3
-7.5°	8127.7	7276.2	6466.4	5740.5	5071.5	4436.8	3860.5	3279.9	2701.8	2176.7	1725.4
-10°	7864.9	7053.0	6282.7	5595.8	4944.1	4331.3	3767.2	3194.9	2629.2	2117.4	1687.7
-12.5°	7539.6	6773.0	6038.5	5399.2	4777.0	4191.9	3640.7	3075.1	2528.4	2035.0	1633.8
-15°	7142.0	6454.0	5789.8	5169.8	4581.4	4014.8	3476.5	2925.9	2400.1	1929.0	1563.9
-17.5°	6738.8	6100.1	5477.0	4888.8	4343.2	3805.1	3283.1	2760.1	2257.0	1814.7	1482.0
-20°	6290.0	5700.1	5123.8	4590.1	4081.6	3570.4	3067.4	2564.4	2093.1	1707.7	1409.5



REPORT NUMBER: P626982 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-735-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5802.8	5276.0	4754.2	4272.9	3797.0	3307.1	2825.6	2350.8	1903.7	1587.7	1327.3
-25°	5309.5	4831.0	4363.5	3920.5	3474.2	3011.6	2566.8	2133.3	1763.6	1474.4	1238.6
-27.5°	4814.3	4381.1	3949.6	3540.1	3120.1	2712.5	2306.0	1913.1	1612.0	1366.0	1155.9
-30°	4324.8	3933.4	3538.5	3147.5	2767.5	2395.2	2031.8	1734.2	1472.5	1250.2	1063.4
-32.5°	3820.5	3480.0	3120.2	2753.7	2408.7	2080.1	1804.0	1553.2	1326.9	1143.6	981.1
-35°	3330.1	3016.9	2685.8	2370.9	2065.5	1819.4	1585.6	1380.5	1199.6	1037.3	899.0
-37.5°	2829.3	2546.6	2272.9	2008.9	1790.9	1582.8	1397.9	1230.4	1074.1	945.0	825.9
-40°	2357.5	2111.4	1914.7	1720.5	1547.7	1381.3	1235.4	1091.5	970.8	857.2	754.7
-42.5°	1953.6	1780.9	1622.8	1476.3	1334.5	1211.7	1088.5	976.5	871.2	775.9	690.8
-45°	1627.1	1503.7	1375.1	1267.5	1158.0	1060.1	961.7	869.4	780.9	703.2	627.7
-47.5°	1368.5	1276.6	1179.8	1093.4	1011.5	927.6	850.8	771.3	702.7	633.5	570.6
-50°	1157.4	1089.5	1018.7	948.8	884.4	815.9	752.3	689.7	629.3	571.9	514.6
-52.5°	983.4	934.2	881.8	826.2	774.9	721.6	666.0	615.7	563.7	513.1	463.0
-55°	845.5	806.3	766.5	724.5	681.7	637.9	592.6	547.4	502.6	456.5	418.7
-57.5°	732.2	699.2	667.6	634.2	599.3	562.2	523.6	483.2	446.5	411.7	377.4
-60°	632.9	605.1	579.9	553.0	524.5	492.4	460.9	429.1	397.4	367.1	337.7
-62.5°	543.3	523.5	500.8	477.9	455.3	431.7	403.4	375.4	348.5	322.5	298.2
-65°	456.4	439.6	421.9	405.5	387.4	367.3	343.3	321.4	300.3	278.9	258.8
-67.5°	379.4	366.5	352.4	337.7	323.3	307.2	289.5	271.4	254.4	236.9	221.9
-70°	316.0	306.6	295.6	282.6	269.5	256.3	242.8	228.5	213.1	197.4	185.3
-72.5°	263.2	256.3	247.7	236.9	225.3	213.7	201.8	189.1	175.5	160.9	149.3
-75°	217.4	212.2	205.7	196.1	185.9	175.1	164.5	153.0	139.8	124.8	113.1
-77.5°	174.6	171.4	167.2	159.3	151.3	143.3	134.1	120.6	107.2	94.5	85.8
-80°	130.9	129.5	127.0	120.4	113.7	106.9	99.5	89.2	79.4	70.3	63.2
-82.5°	86.4	84.8	82.7	78.7	74.8	71.1	67.2	60.3	53.5	46.9	41.2
-85°	43.7	42.5	41.1	40.5	39.7	38.8	37.6	33.7	29.9	26.3	23.1
-87.5°	12.7	12.7	12.7	12.8	12.9	12.9	12.9	12.0	11.0	10.1	9.2
-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: P626982 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-735-U-WR-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°	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3
85°	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.6	0.5
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8
80°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
77.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
72.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
70°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	0.9	0.9	0.9
67.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.1	1.2	0.9	0.9
65°	0.9	0.9	0.9	1.3	1.2	0.9	0.9	1.8	1.5	1.3	0.9
62.5°	1.8	0.9	2.4	3.2	2.1	1.6	1.3	3.9	2.5	1.8	1.2
60°	4.2	3.4	6.5	9.9	7.1	2.8	4.0	6.6	6.1	2.2	1.7
57.5°	21.5	9.8	14.5	18.9	18.0	10.1	8.2	11.4	10.3	6.1	2.4
55°	44.6	38.0	30.2	30.0	30.4	24.0	17.1	17.7	15.6	11.1	3.5
52.5°	67.9	65.8	58.6	47.7	43.8	39.6	32.4	25.0	23.2	16.6	8.7
50°	96.8	91.5	85.8	74.7	60.5	54.9	47.5	38.2	31.6	23.2	14.5
47.5°	129.8	120.6	112.0	101.3	85.8	71.1	62.9	51.9	40.8	31.8	20.2
45°	181.4	151.5	139.8	127.4	111.5	93.2	78.9	65.3	52.9	40.5	26.1
42.5°	234.4	192.7	168.3	154.3	137.6	117.1	95.5	80.3	64.9	49.2	32.9
40°	287.7	236.1	199.2	181.6	164.7	140.9	116.6	95.9	76.5	58.2	40.4
37.5°	345.3	284.7	234.7	210.0	192.2	166.5	138.2	111.8	88.5	68.0	47.9
35°	417.0	342.4	273.3	242.9	219.0	192.6	159.4	129.2	102.8	77.8	55.2
32.5°	497.6	406.0	328.8	278.7	246.1	219.2	182.1	148.7	117.4	87.6	62.4
30°	577.8	471.4	381.4	314.3	275.1	244.1	206.3	168.4	132.4	97.4	69.7
27.5°	639.0	527.9	430.7	357.0	307.1	268.9	230.3	188.1	147.6	108.2	77.7
25°	701.5	580.2	478.4	398.7	338.5	294.1	253.5	207.9	163.8	120.6	85.5
22.5°	774.5	629.8	518.7	436.5	371.7	319.8	275.6	227.9	180.2	132.9	93.1
20°	846.0	675.6	555.8	480.5	408.0	348.5	297.2	247.0	196.3	145.0	100.5
17.5°	919.2	740.0	617.3	526.1	445.5	376.8	318.6	265.1	211.9	156.7	107.5
15°	1029.6	826.0	679.4	571.1	481.8	404.6	339.5	282.1	226.9	168.1	113.8
12.5°	1133.5	907.0	739.6	615.1	516.6	431.5	359.9	298.1	241.3	177.5	119.1
10°	1225.5	982.3	797.3	657.5	549.6	457.3	379.3	310.6	249.8	185.1	123.8
7.5°	1305.4	1051.5	851.7	697.9	577.8	474.8	389.3	317.2	256.2	191.7	127.9
5°	1366.6	1098.5	881.6	714.0	588.4	482.8	396.4	322.5	261.3	197.4	131.4
2.5°	1386.9	1114.2	893.4	723.1	596.1	488.6	401.8	326.5	265.2	202.0	134.4
0°	1396.2	1121.8	899.5	728.3	600.9	492.1	405.6	329.3	267.9	205.6	136.7
-2.5°	1406.5	1132.1	908.0	736.4	605.9	496.9	409.6	333.7	271.8	209.6	140.6
-5°	1405.7	1134.0	910.7	740.4	607.9	499.4	411.9	336.8	274.6	212.6	143.9
-7.5°	1390.9	1125.2	907.2	739.6	606.8	499.7	412.5	338.6	276.3	214.4	146.5
-10°	1364.3	1107.0	897.0	732.9	602.8	497.5	411.5	339.2	277.0	215.2	148.4
-12.5°	1326.9	1081.0	880.6	721.9	595.6	492.9	408.5	337.6	276.5	214.9	149.4
-15°	1278.8	1047.6	857.9	706.7	585.2	486.0	403.6	334.3	274.1	213.4	149.7
-17.5°	1220.6	1007.0	828.9	687.4	571.7	476.8	397.0	329.8	270.9	210.6	149.4
-20°	1166.6	964.2	795.4	663.9	554.9	465.3	388.5	324.0	266.8	207.2	148.7



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CATALOG NUMBER: GFLD-SA2D-735-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1106.3	919.8	765.8	641.4	537.2	451.6	378.2	316.9	261.9	203.1	147.3
-25°	1037.2	869.4	731.9	616.4	519.9	438.6	367.6	308.7	256.4	198.4	145.4
-27.5°	972.3	817.5	694.0	587.5	499.9	423.5	357.2	301.1	249.9	193.3	142.8
-30°	906.1	772.3	657.6	557.3	477.9	406.8	345.4	292.9	242.7	188.7	139.6
-32.5°	838.8	723.1	618.7	531.1	456.6	388.7	332.6	284.1	235.1	184.2	137.0
-35°	780.9	674.6	576.8	502.9	434.8	373.4	319.8	274.8	227.3	179.1	134.2
-37.5°	719.4	625.4	544.2	474.9	411.3	356.6	307.5	263.8	219.2	173.4	130.7
-40°	664.2	579.5	509.2	447.8	390.3	338.5	293.8	252.1	211.7	167.2	126.7
-42.5°	608.0	537.9	475.0	418.7	369.1	321.9	278.9	239.7	202.0	161.3	122.0
-45°	558.9	495.2	439.6	392.2	347.0	303.8	264.3	226.7	191.5	155.4	117.2
-47.5°	508.1	454.0	406.6	364.6	325.2	284.9	248.9	214.7	180.7	148.7	112.3
-50°	460.7	415.0	375.5	338.0	301.2	267.3	233.5	202.3	170.9	140.0	106.8
-52.5°	418.5	380.4	345.3	311.1	279.6	249.0	219.7	189.7	160.6	131.3	100.6
-55°	381.3	347.3	315.7	286.2	257.9	232.6	205.6	177.9	149.9	122.3	94.1
-57.5°	345.6	315.0	288.2	261.9	237.8	215.8	191.9	165.6	139.1	112.9	88.2
-60°	309.7	285.1	261.3	239.2	218.3	198.4	178.0	153.0	127.9	103.2	81.2
-62.5°	275.4	254.8	236.4	216.9	197.8	180.3	163.8	140.0	116.3	93.6	73.4
-65°	241.7	225.9	211.0	192.8	176.1	161.5	147.8	126.4	104.0	83.4	65.2
-67.5°	208.2	195.2	182.0	167.2	154.8	142.9	130.8	111.4	91.0	72.6	57.0
-70°	174.5	163.5	154.1	144.7	134.4	123.9	111.8	95.3	77.4	62.5	48.4
-72.5°	141.5	134.8	129.1	122.5	113.8	103.8	92.5	79.0	65.1	52.0	39.6
-75°	109.0	107.6	105.9	101.6	93.3	83.9	74.8	64.4	52.5	41.2	32.3
-77.5°	85.8	85.3	84.1	81.1	73.8	66.2	58.3	49.6	40.5	32.8	25.4
-80°	63.6	63.5	63.0	61.1	54.9	48.4	42.9	37.3	30.7	24.4	18.3
-82.5°	41.8	42.4	42.7	42.2	37.9	33.8	29.8	25.8	20.7	15.8	12.3
-85°	23.9	24.3	24.4	24.1	21.5	19.0	17.4	15.7	12.9	10.5	8.2
-87.5°	9.9	10.5	10.9	11.2	10.4	9.5	8.7	7.9	6.5	5.2	4.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.2	0.2	0.2	0.1	0.1	0.0	0.0
85°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
82.5°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
80°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
77.5°	0.9	0.9	0.8	0.6	0.4	0.2	0.0
75°	0.9	0.9	0.9	0.7	0.5	0.2	0.0
72.5°	0.9	0.9	0.9	0.8	0.5	0.3	0.0
70°	0.9	0.9	0.9	0.9	0.6	0.3	0.0
67.5°	1.0	0.9	0.9	0.9	0.7	0.3	0.0
65°	1.1	1.0	0.9	0.9	0.8	0.4	0.0
62.5°	1.2	1.2	0.9	0.9	0.8	0.4	0.0
60°	1.4	1.5	0.9	0.9	0.9	0.4	0.0
57.5°	2.5	1.7	1.2	0.9	0.9	0.5	0.0
55°	3.8	2.0	1.4	0.9	0.9	0.5	0.0
52.5°	5.4	2.5	1.7	0.9	0.9	0.5	0.0
50°	7.1	4.2	2.1	0.9	1.0	0.6	0.0
47.5°	9.5	5.9	2.4	1.0	1.0	0.6	0.0
45°	14.5	7.7	2.7	1.2	1.0	0.6	0.0
42.5°	19.5	9.7	3.1	1.5	1.1	0.7	0.0
40°	24.5	11.7	4.0	1.8	1.1	0.7	0.0
37.5°	29.5	13.8	5.6	2.2	1.1	0.7	0.0
35°	34.4	17.2	7.2	2.7	1.2	0.7	0.0
32.5°	39.6	21.1	8.9	3.1	1.2	0.8	0.0
30°	45.4	24.9	10.5	3.6	1.3	0.8	0.0
27.5°	51.0	28.5	12.4	4.2	1.3	0.8	0.0
25°	56.5	32.1	14.3	4.7	1.4	0.8	0.0
22.5°	61.7	35.5	16.1	5.3	1.4	0.8	0.0
20°	66.6	38.9	17.9	5.9	1.5	0.8	0.0
17.5°	71.2	42.0	19.6	6.4	1.5	0.9	0.0
15°	75.5	45.0	21.2	7.0	1.6	0.9	0.0
12.5°	79.3	47.7	22.7	7.6	1.6	0.9	0.0
10°	82.8	50.2	24.2	8.2	1.7	0.9	0.0
7.5°	86.0	52.5	25.5	8.7	1.8	0.9	0.0
5°	88.7	54.5	26.7	9.3	1.8	0.9	0.0
2.5°	91.1	56.2	27.8	9.7	1.9	0.9	0.0
0°	93.0	57.7	28.8	10.2	1.9	0.9	0.0
-2.5°	95.5	59.5	30.1	10.9	2.2	1.0	0.0
-5°	97.6	61.0	31.3	11.5	2.5	1.0	0.0
-7.5°	99.3	62.3	32.3	12.0	2.7	1.1	0.0
-10°	100.5	63.2	33.1	12.5	3.0	1.1	0.0
-12.5°	101.2	63.8	33.7	12.9	3.2	1.2	0.0
-15°	101.4	64.1	34.1	13.2	3.5	1.2	0.0
-17.5°	101.1	64.0	34.3	13.5	3.7	1.3	0.0
-20°	100.8	63.6	34.3	13.6	3.9	1.3	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	100.9	62.9	34.0	13.7	4.0	1.3	0.0
-25°	100.4	62.7	33.5	13.7	4.2	1.4	0.0
-27.5°	99.4	62.4	32.7	13.6	4.3	1.4	0.0
-30°	98.0	61.8	31.8	13.5	4.4	1.4	0.0
-32.5°	96.0	60.7	31.4	13.2	4.5	1.4	0.0
-35°	94.1	59.3	30.7	12.8	4.5	1.4	0.0
-37.5°	92.0	57.7	29.8	12.3	4.5	1.4	0.0
-40°	89.4	56.3	28.6	11.7	4.5	1.4	0.0
-42.5°	86.2	54.5	27.8	11.2	4.5	1.4	0.0
-45°	82.5	52.4	27.2	10.8	4.4	1.3	0.0
-47.5°	78.4	49.9	26.4	10.2	4.3	1.3	0.0
-50°	74.7	47.1	25.3	10.0	4.1	1.3	0.0
-52.5°	70.8	43.9	23.9	9.8	4.0	1.2	0.0
-55°	66.4	41.3	22.2	9.6	3.8	1.2	0.0
-57.5°	61.6	38.5	20.3	9.2	3.6	1.1	0.0
-60°	56.5	35.3	18.2	8.7	3.3	1.1	0.0
-62.5°	51.5	31.8	17.0	8.1	3.1	1.0	0.0
-65°	46.1	27.9	15.5	7.3	2.9	0.9	0.0
-67.5°	40.2	24.4	13.9	6.5	2.7	0.8	0.0
-70°	33.9	21.4	12.1	5.6	2.4	0.8	0.0
-72.5°	28.8	18.2	10.1	5.0	2.1	0.7	0.0
-75°	23.6	14.7	8.0	4.3	1.9	0.6	0.0
-77.5°	18.2	11.1	6.6	3.7	1.6	0.5	0.0
-80°	12.6	8.5	5.4	3.0	1.3	0.4	0.0
-82.5°	9.3	6.4	4.1	2.2	1.0	0.3	0.0
-85°	6.2	4.3	2.7	1.5	0.6	0.2	0.0
-87.5°	3.1	2.2	1.4	0.8	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)