

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: P627972 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627972 (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-SA6E-722-U-WR-VSR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR  
Light Source: (96) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

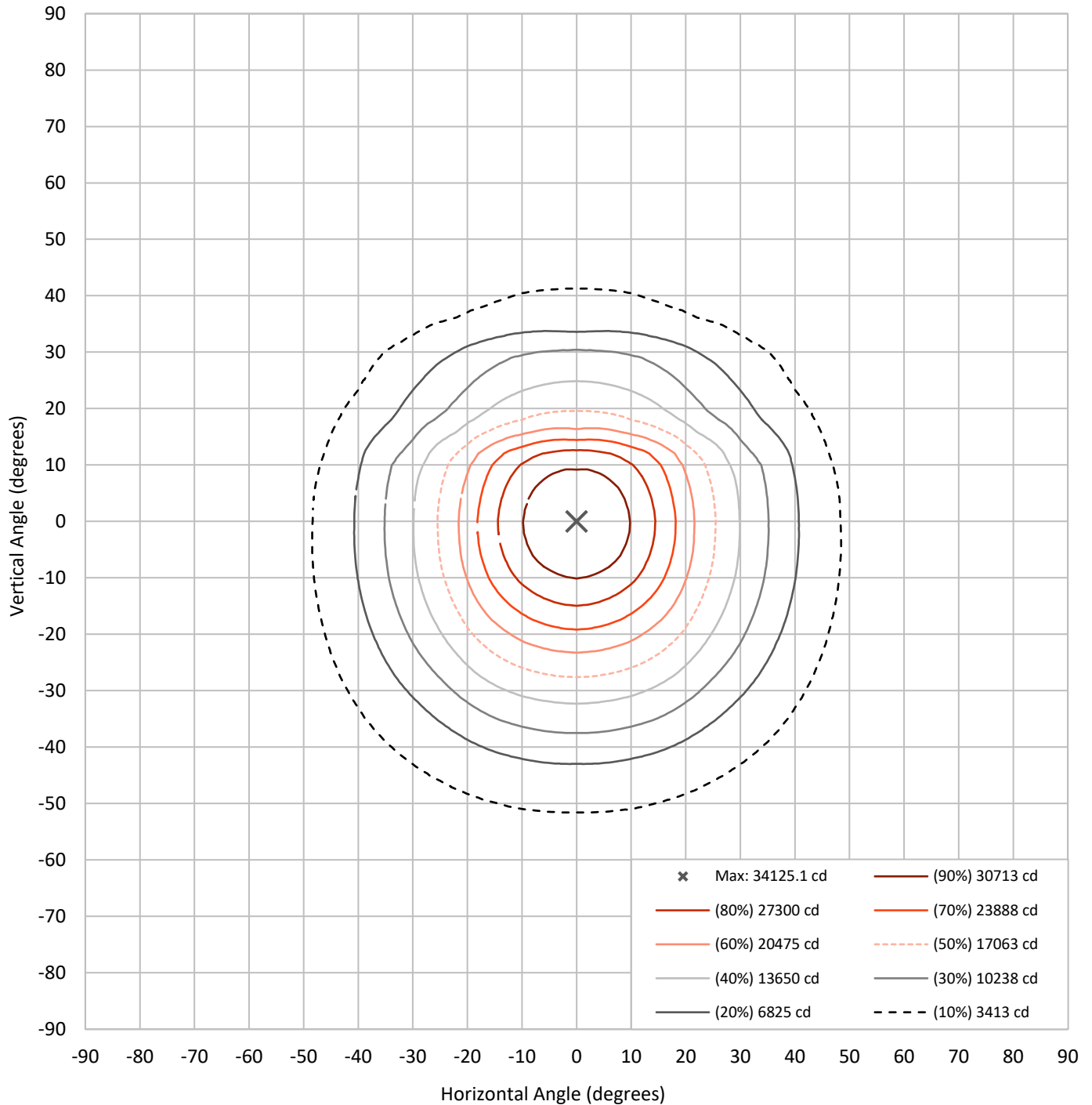
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	30105.7 lumens	Max Intensity:	34125.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	79.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' 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:	14494.5 lumens	Field Lumens:	26954.8 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
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





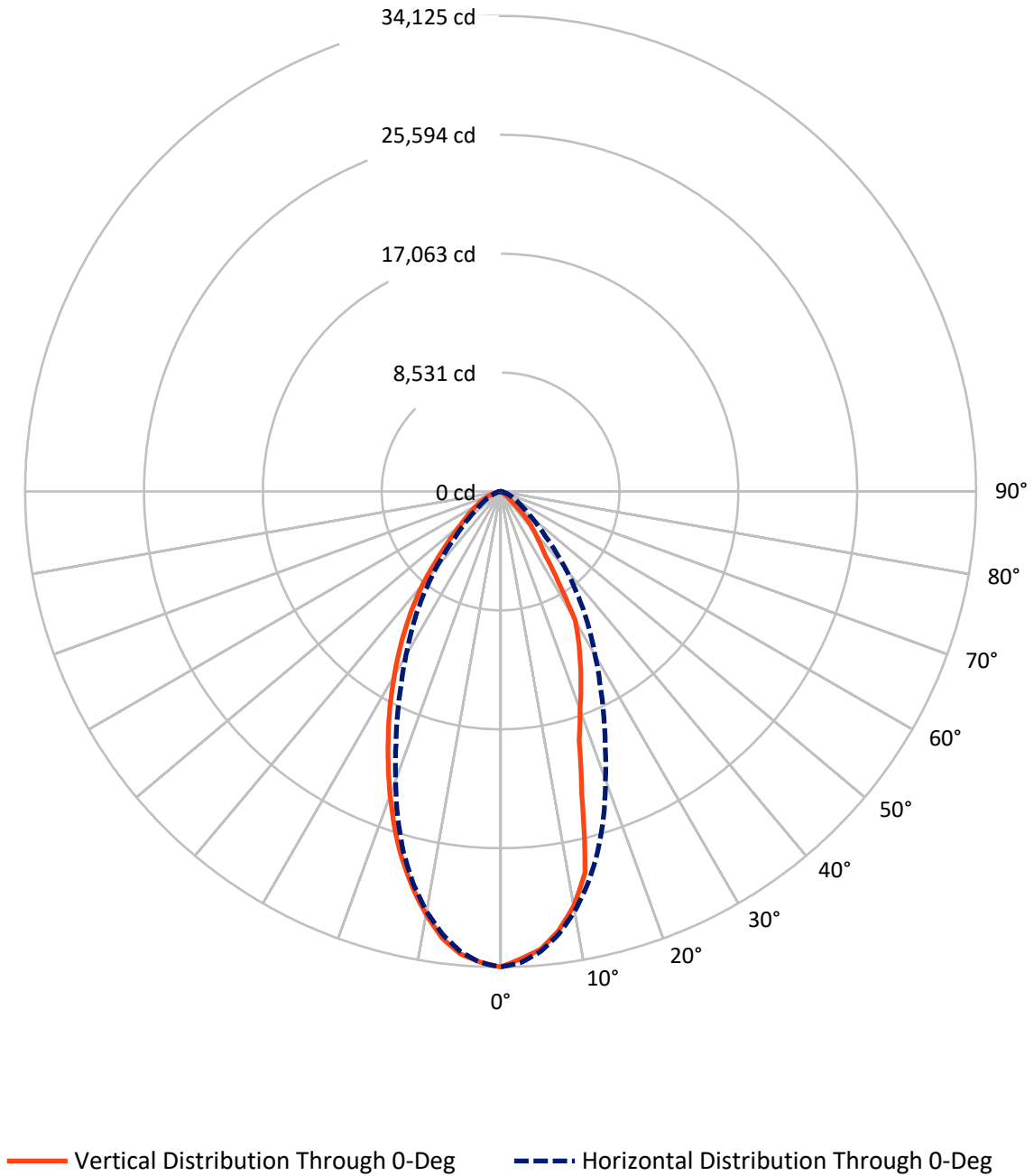
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### Lumen Table

90																			
80	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0							
70																			
60	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1				
50		0.6	1.6	2.8	4.7	6.9	9.5	10.7	10.7	9.5	6.9	4.7	2.8	1.6		0.6			
40	1.3	2.3	5.8	12.2	22.4	36.8	53.0	65.0	65.0	53.0	36.8	22.4	12.2	5.8	2.3	1.3			
30		4.6	11.7	27.2	56.2	103.3	157.9	189.8	189.8	157.9	103.3	56.2	27.2	11.7	4.6				
20	3.3	7.2	19.1	49.4	116.9	219.6	334.2	402.7	402.7	334.2	219.6	116.9	49.4	19.1	7.2	3.3			
10		9.8	27.2	77.5	192.4	355.8	555.9	687.3	687.3	555.9	355.8	192.4	77.5	27.2	9.8				
0	4.7	11.4	34.1	100.3	252.6	470.8	756.0	958.5	958.5	756.0	470.8	252.6	100.3	34.1	11.4	4.7			
-10		11.9	35.5	103.4	256.3	477.7	763.7	964.5	964.5	763.7	477.7	256.3	103.4	35.5	11.9				
-20	5.0	11.7	33.7	92.2	227.1	419.4	646.5	797.8	797.8	646.5	419.4	227.1	92.2	33.7	11.7	5.0			
-30		10.8	29.1	72.2	169.4	316.2	471.2	565.1	565.1	471.2	316.2	169.4	72.2	29.1	10.8				
-40	4.2	9.4	23.6	52.1	106.6	196.2	296.0	352.3	352.3	296.0	196.2	106.6	52.1	23.6	9.4	4.2			
-50		7.8	18.2	36.0	64.1	102.7	147.3	175.3	175.3	147.3	102.7	64.1	36.0	18.2	7.8				
-60	2.7	6.1	13.3	24.0	39.1	56.3	72.8	82.4	82.4	72.8	56.3	39.1	24.0	13.3	6.1	2.7			
-70		4.3	8.9	14.8	22.7	30.9	37.9	41.3	41.3	37.9	30.9	22.7	14.8	8.9	4.3				
-80	0.7	8.6	22.1	39.5	36.1	39.5	22.1	8.6	0.7										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

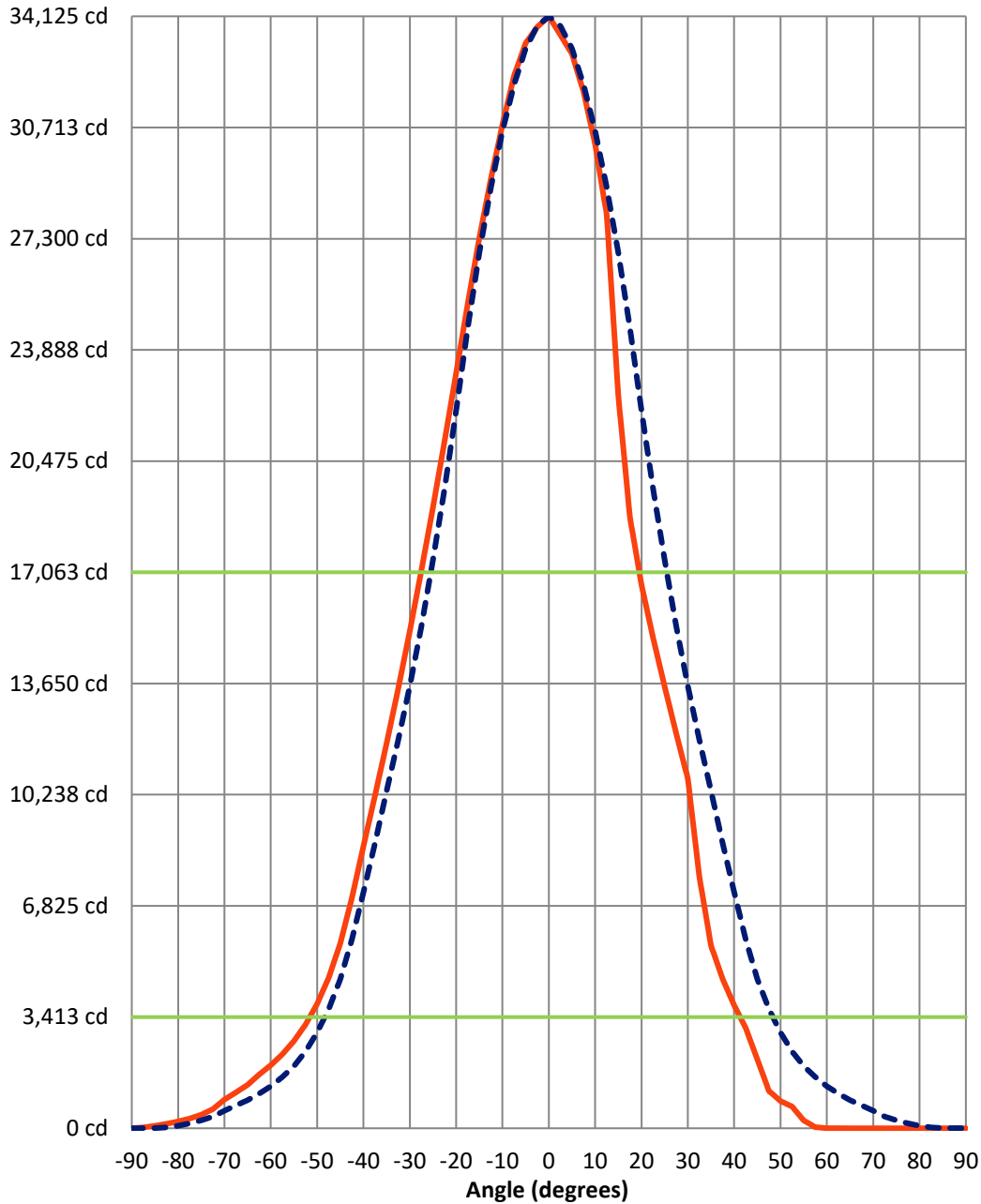
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 50.9°  
 V Angle: 47.1°  
 Lumens: 14494.5  
 Efficiency: 48.1%

**Field:**  
 H Angle: 96.7°  
 V Angle: 92.9°  
 Lumens: 26954.8  
 Efficiency: 89.5%

**Spill:**  
 Lumens: 3150.8  
 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	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
85°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
82.5°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.2	2.4	2.4	2.4
80°	0.0	0.4	0.8	1.2	1.7	2.1	2.4	2.4	2.4	2.4	2.4
77.5°	0.0	0.5	1.0	1.6	2.1	2.4	2.4	2.4	2.4	2.4	2.4
75°	0.0	0.6	1.2	1.9	2.4	2.4	2.4	2.4	2.4	2.4	2.4
72.5°	0.0	0.7	1.4	2.2	2.4	2.4	2.4	2.4	2.4	2.4	2.4
70°	0.0	0.8	1.6	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.6
67.5°	0.0	0.9	1.8	2.4	2.4	2.4	2.6	2.4	2.4	3.1	3.0
65°	0.0	1.0	2.0	2.4	2.4	2.7	2.9	2.4	3.5	4.0	4.7
62.5°	0.0	1.1	2.2	2.4	2.4	3.2	3.3	3.3	4.6	6.5	10.1
60°	0.0	1.2	2.4	2.4	2.4	3.9	3.8	4.6	5.9	16.1	17.4
57.5°	0.0	1.3	2.4	2.4	3.1	4.6	6.6	6.3	15.9	27.2	29.9
55°	0.0	1.4	2.5	2.4	3.8	5.4	10.1	9.3	29.1	41.0	46.3
52.5°	0.0	1.5	2.5	2.4	4.6	6.7	14.1	22.9	43.5	60.9	65.6
50°	0.0	1.5	2.6	2.4	5.4	11.0	18.6	37.9	60.8	82.9	100.2
47.5°	0.0	1.6	2.6	2.6	6.3	15.5	24.8	53.1	83.5	107.1	135.9
45°	0.0	1.7	2.7	3.2	7.2	20.3	38.0	68.3	106.3	138.7	171.2
42.5°	0.0	1.8	2.8	3.9	8.1	25.4	51.1	86.3	129.0	169.9	210.4
40°	0.0	1.8	2.9	4.8	10.7	30.7	64.2	106.0	152.6	200.4	251.3
37.5°	0.0	1.9	3.0	5.9	14.9	36.3	77.2	125.4	178.2	231.8	293.1
35°	0.0	2.0	3.1	7.0	19.1	45.1	90.1	144.6	203.9	269.2	338.5
32.5°	0.0	2.0	3.2	8.2	23.4	55.3	103.6	163.4	229.6	307.7	389.7
30°	0.0	2.1	3.3	9.6	27.6	65.2	118.9	182.6	255.3	347.0	441.2
27.5°	0.0	2.1	3.4	10.9	32.6	74.8	133.7	203.6	283.6	386.9	493.0
25°	0.0	2.2	3.6	12.4	37.5	84.0	147.9	224.1	316.1	429.3	544.7
22.5°	0.0	2.2	3.7	13.9	42.2	93.0	161.6	244.0	348.3	472.3	597.2
20°	0.0	2.3	3.8	15.4	46.9	101.8	174.6	263.3	380.0	514.4	647.1
17.5°	0.0	2.3	4.0	17.0	51.3	110.1	186.6	281.8	410.8	555.2	694.5
15°	0.0	2.3	4.1	18.5	55.6	117.8	197.7	298.3	440.6	594.6	739.2
12.5°	0.0	2.3	4.3	20.0	59.6	124.9	207.9	312.1	465.3	632.2	781.0
10°	0.0	2.4	4.4	21.5	63.4	131.5	217.1	324.4	485.0	654.4	813.9
7.5°	0.0	2.4	4.5	23.0	66.9	137.4	225.3	335.1	502.3	671.3	831.1
5°	0.0	2.4	4.7	24.3	70.2	142.6	232.5	344.4	517.1	684.8	845.0
2.5°	0.0	2.4	4.8	25.6	73.1	147.2	238.7	352.1	529.3	694.9	855.6
0°	0.0	2.4	4.9	26.8	75.6	151.1	243.8	358.3	538.7	702.0	862.9
-2.5°	0.0	2.6	5.6	28.5	79.1	155.9	250.4	368.6	549.2	712.2	874.3
-5°	0.0	2.7	6.4	30.1	82.1	159.9	255.9	377.3	556.9	719.4	882.4
-7.5°	0.0	2.9	7.1	31.5	84.7	163.1	260.3	384.0	561.8	724.0	887.2
-10°	0.0	3.0	7.7	32.7	86.8	165.5	263.4	388.9	563.9	725.8	888.7
-12.5°	0.0	3.1	8.4	33.8	88.4	167.1	265.2	391.6	563.2	724.7	884.5
-15°	0.0	3.2	9.0	34.6	89.5	167.9	265.7	392.2	559.1	718.3	876.0
-17.5°	0.0	3.4	9.5	35.3	90.0	167.8	265.0	391.4	551.9	709.8	864.1
-20°	0.0	3.4	10.0	35.7	89.8	166.9	264.2	389.6	542.9	699.1	848.9

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA6E-722-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.5	10.5	35.9	89.1	165.0	264.3	386.1	532.2	686.4	830.5
-25°	0.0	3.6	10.9	35.9	87.7	164.4	263.1	380.9	520.0	671.7	808.9
-27.5°	0.0	3.6	11.2	35.7	85.7	163.7	260.6	374.2	506.4	654.9	788.9
-30°	0.0	3.7	11.5	35.2	83.2	162.0	256.8	365.9	494.5	635.8	767.4
-32.5°	0.0	3.7	11.6	34.4	82.2	159.2	251.6	359.0	482.7	616.0	744.4
-35°	0.0	3.7	11.8	33.4	80.5	155.4	246.7	351.5	469.3	595.4	720.0
-37.5°	0.0	3.7	11.8	32.1	78.0	151.2	241.1	342.5	454.4	574.4	691.3
-40°	0.0	3.7	11.8	30.6	74.9	147.5	234.1	331.9	438.0	554.7	660.6
-42.5°	0.0	3.6	11.7	29.2	72.7	142.9	225.9	319.8	422.8	529.2	627.9
-45°	0.0	3.5	11.5	28.1	71.3	137.3	216.2	307.1	407.1	501.8	593.9
-47.5°	0.0	3.5	11.2	26.6	69.1	130.8	205.3	294.2	389.7	473.5	562.5
-50°	0.0	3.4	10.9	26.1	66.2	123.4	195.8	279.7	366.7	447.7	530.1
-52.5°	0.0	3.2	10.5	25.7	62.6	115.1	185.5	263.6	343.9	420.8	497.2
-55°	0.0	3.1	10.0	25.1	58.2	108.4	174.0	246.5	320.4	392.8	466.2
-57.5°	0.0	3.0	9.4	24.1	53.2	101.0	161.5	231.2	295.7	364.5	434.1
-60°	0.0	2.8	8.8	22.8	47.7	92.7	148.1	212.8	270.4	335.2	401.0
-62.5°	0.0	2.6	8.3	21.2	44.4	83.3	135.2	192.3	245.3	304.7	366.7
-65°	0.0	2.4	7.7	19.3	40.6	73.1	120.9	171.0	218.6	272.6	331.3
-67.5°	0.0	2.2	7.1	17.2	36.3	64.0	105.4	149.4	190.5	238.6	292.0
-70°	0.0	2.0	6.4	14.8	31.6	56.1	88.9	127.0	163.8	203.0	249.7
-72.5°	0.0	1.8	5.7	13.1	26.5	47.6	75.5	104.0	136.4	170.8	207.0
-75°	0.0	1.5	4.9	11.4	21.1	38.6	62.0	84.7	108.2	137.7	168.9
-77.5°	0.0	1.3	4.2	9.6	17.4	29.1	47.8	66.6	85.9	106.2	130.0
-80°	0.0	1.0	3.4	7.8	14.1	22.2	33.0	48.1	63.9	80.5	97.9
-82.5°	0.0	0.8	2.5	5.9	10.7	16.8	24.3	32.2	41.5	54.4	67.8
-85°	0.0	0.5	1.7	4.0	7.2	11.3	16.3	21.5	27.4	33.9	41.1
-87.5°	0.0	0.3	0.9	2.0	3.6	5.7	8.2	10.8	13.8	17.0	20.6
-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-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°	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	2.4	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	2.3	2.0
67.5°	2.4	2.4	2.4	2.5	2.4	2.4	2.4	2.4	2.4	1.9	1.2
65°	2.4	2.4	3.3	3.6	2.5	2.4	2.4	2.4	2.5	2.2	2.2
62.5°	3.5	4.4	5.5	8.5	6.3	2.4	4.7	5.5	3.7	3.0	3.3
60°	10.7	7.3	18.7	26.0	17.0	9.0	11.1	22.1	18.2	5.0	12.9
57.5°	21.5	26.6	47.2	49.5	38.1	25.8	56.4	62.5	51.9	32.6	46.9
55°	44.9	63.0	79.7	78.8	79.2	99.6	117.0	114.9	101.3	139.7	175.9
52.5°	84.9	103.7	114.8	125.1	153.5	172.4	177.9	188.6	228.3	275.9	284.5
50°	124.6	144.0	158.6	195.6	224.8	239.8	253.6	290.0	350.1	382.7	388.0
47.5°	164.8	186.5	224.7	265.3	293.5	316.1	340.2	422.9	489.9	517.7	527.8
45°	206.7	244.2	292.0	333.7	366.4	396.9	475.4	588.2	635.4	678.0	786.3
42.5°	250.2	306.8	360.6	404.3	441.1	505.0	614.2	723.5	791.0	881.6	1012.5
40°	305.7	369.1	431.5	475.9	521.9	618.8	753.9	869.6	941.1	1062.6	1211.8
37.5°	362.1	436.2	503.6	550.4	615.0	746.1	904.9	1043.4	1132.1	1231.0	1470.7
35°	417.8	504.6	573.8	636.6	716.4	897.1	1092.7	1247.0	1356.5	1526.0	1829.3
32.5°	477.2	574.3	645.0	730.5	861.6	1063.8	1304.0	1475.3	1656.9	1900.7	2386.7
30°	540.5	639.6	720.9	823.5	999.5	1235.3	1514.1	1729.3	1975.9	2371.9	2895.7
27.5°	603.5	704.6	804.7	935.3	1128.5	1383.3	1674.5	2013.8	2332.5	2775.3	3347.8
25°	664.2	770.9	886.9	1044.8	1253.7	1520.4	1838.3	2229.7	2645.7	3152.1	3824.3
22.5°	722.0	838.1	973.9	1143.6	1359.3	1650.5	2029.6	2489.5	2989.3	3513.8	4286.3
20°	778.8	913.2	1069.1	1259.0	1456.5	1770.5	2216.8	2773.6	3400.0	4118.7	4875.7
17.5°	834.8	987.4	1167.4	1378.5	1617.7	1939.1	2408.7	3071.6	3833.9	4769.3	5701.4
15°	889.8	1060.1	1262.4	1496.5	1780.4	2164.5	2697.9	3426.4	4347.5	5467.6	6571.7
12.5°	943.0	1130.7	1353.6	1611.8	1938.1	2376.7	2970.4	3756.4	4811.8	6149.9	7506.3
10°	994.0	1198.4	1440.2	1723.0	2089.2	2574.2	3211.3	4041.8	5162.0	6541.1	8049.7
7.5°	1020.0	1244.2	1514.1	1828.8	2231.8	2755.4	3420.9	4283.0	5435.7	6855.7	8368.2
5°	1038.6	1265.2	1541.9	1871.1	2310.2	2878.7	3581.3	4480.3	5637.4	7092.4	8584.0
2.5°	1052.9	1280.2	1562.1	1894.9	2341.1	2919.8	3634.3	4549.0	5745.5	7215.9	8709.8
0°	1062.8	1289.4	1574.6	1908.6	2357.1	2939.6	3658.7	4577.6	5791.5	7244.3	8755.5
-2.5°	1073.2	1302.0	1587.7	1929.8	2379.5	2966.7	3685.6	4597.9	5825.9	7252.1	8780.2
-5°	1079.2	1308.8	1592.9	1940.0	2386.7	2971.7	3683.7	4578.6	5798.5	7195.2	8726.5
-7.5°	1080.9	1309.6	1590.1	1938.0	2377.5	2948.7	3644.8	4521.5	5704.0	7080.0	8594.8
-10°	1078.2	1303.8	1579.6	1920.4	2350.7	2900.9	3575.1	4422.5	5548.6	6889.9	8372.1
-12.5°	1070.3	1291.6	1560.8	1891.7	2307.6	2832.8	3477.0	4281.3	5332.9	6625.6	8058.2
-15°	1057.7	1273.5	1533.6	1852.0	2248.1	2745.2	3351.0	4098.1	5055.0	6289.5	7667.4
-17.5°	1040.2	1249.4	1498.1	1801.3	2172.2	2638.8	3198.6	3883.5	4755.4	5914.4	7232.8
-20°	1018.0	1219.4	1454.1	1739.8	2084.6	2526.7	3057.1	3693.6	4475.0	5484.9	6720.1



REPORT NUMBER: P627972 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-722-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	991.0	1183.6	1407.6	1680.9	2006.9	2410.3	2899.0	3478.3	4160.5	4988.5	6160.4
-25°	963.3	1149.3	1362.4	1615.3	1918.1	2278.4	2718.0	3245.8	3863.6	4621.5	5590.4
-27.5°	935.9	1109.9	1310.1	1539.6	1818.7	2142.4	2547.9	3029.1	3579.7	4224.1	5013.1
-30°	905.1	1065.9	1252.4	1460.4	1723.3	2023.9	2374.4	2786.6	3276.3	3858.6	4544.4
-32.5°	871.4	1018.7	1196.6	1391.8	1621.2	1894.8	2198.0	2570.8	2996.8	3477.3	4070.0
-35°	837.9	978.4	1139.3	1317.9	1511.6	1767.8	2046.4	2355.7	2718.1	3143.5	3617.6
-37.5°	805.7	934.4	1078.0	1244.5	1426.2	1638.9	1885.0	2164.3	2476.2	2814.7	3224.2
-40°	769.8	887.0	1022.8	1173.6	1334.3	1518.7	1740.6	1977.6	2246.1	2544.0	2860.3
-42.5°	730.7	843.4	967.3	1097.2	1244.7	1409.5	1593.5	1810.3	2033.3	2282.9	2558.9
-45°	692.4	795.9	909.3	1027.9	1151.9	1297.5	1464.7	1645.0	1842.8	2046.4	2278.3
-47.5°	652.1	746.6	852.2	955.5	1065.4	1189.6	1331.5	1495.1	1660.1	1841.4	2021.2
-50°	611.8	700.4	789.2	885.7	984.1	1087.4	1207.3	1348.5	1498.7	1649.1	1807.3
-52.5°	575.7	652.3	732.5	815.3	905.0	997.0	1096.8	1213.2	1344.5	1477.1	1613.5
-55°	538.8	609.4	675.7	749.9	827.4	910.2	999.2	1097.2	1196.2	1317.0	1434.4
-57.5°	502.7	565.4	623.0	686.2	755.2	825.6	905.8	989.0	1079.0	1170.2	1266.3
-60°	466.6	519.8	572.1	626.7	684.6	747.2	811.8	884.9	962.0	1041.3	1124.5
-62.5°	429.2	472.4	518.4	568.5	619.4	667.6	721.7	781.5	845.1	913.2	983.7
-65°	387.4	423.2	461.6	505.2	553.0	591.9	633.3	678.3	730.9	786.9	842.3
-67.5°	342.7	374.4	405.8	438.1	476.9	511.7	545.8	581.6	620.8	666.6	711.1
-70°	292.9	324.6	352.2	379.1	403.7	428.5	457.5	485.7	517.4	558.5	598.8
-72.5°	242.4	272.0	298.2	321.0	338.4	353.2	370.9	391.4	421.8	459.9	495.6
-75°	196.0	220.0	244.5	266.3	277.5	282.0	285.6	296.4	327.2	366.3	400.9
-77.5°	152.7	173.5	193.5	212.5	220.4	223.5	225.0	224.9	247.6	280.9	316.0
-80°	112.5	126.9	143.9	160.2	165.0	166.4	166.6	165.6	184.1	208.1	233.8
-82.5°	78.1	88.6	99.4	110.5	111.9	111.2	109.5	107.9	122.9	140.2	158.0
-85°	45.6	49.9	56.5	63.3	64.0	63.7	62.5	60.6	68.9	78.3	88.3
-87.5°	22.8	25.0	27.2	29.4	28.6	27.4	26.0	24.1	26.5	28.9	31.4
-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: P627972 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
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	1.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.4	1.8	1.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	2.4	1.9	1.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.4	1.9	1.3	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	2.4	2.0	1.3	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	2.4	2.0	1.4	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2.4	2.1	1.4	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.4	0.6	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.1	1.2	1.2	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.5	2.4	1.8	1.2	0.6	0.4	0.6	0.5	0.2	0.0	0.0
62.5°	3.1	3.0	2.1	2.0	2.2	2.4	1.9	1.7	1.6	1.7	2.0
60°	13.7	7.8	8.0	10.2	8.7	4.0	7.9	10.1	9.4	7.2	6.3
57.5°	70.0	58.6	40.9	68.6	70.6	49.2	53.4	69.7	67.6	52.3	52.0
55°	176.3	178.8	192.0	209.4	222.2	228.1	233.4	259.6	287.6	315.0	328.7
52.5°	291.2	325.3	367.6	395.7	415.2	455.3	511.5	537.4	562.5	591.0	611.6
50°	428.9	488.0	530.6	536.7	603.5	646.9	657.1	705.5	758.2	791.1	814.6
47.5°	638.0	712.9	749.9	773.6	854.8	944.0	944.1	972.0	1103.9	1173.0	1206.2
45°	918.9	981.3	1046.9	1217.2	1373.7	1423.4	1529.8	1673.8	1767.4	1896.2	2037.8
42.5°	1158.1	1275.3	1439.5	1627.0	1784.0	1914.7	2072.7	2245.8	2453.7	2649.3	2818.1
40°	1394.9	1540.0	1743.3	1947.3	2145.0	2326.0	2580.6	2803.3	3048.6	3317.7	3541.9
37.5°	1703.8	1889.5	2099.7	2356.9	2664.6	2865.5	3215.7	3535.6	3812.0	4136.9	4337.0
35°	2178.3	2420.4	2606.4	3126.3	3500.6	3735.6	4150.2	4676.0	4877.9	5287.1	5481.2
32.5°	2774.8	3096.5	3586.2	4274.7	4774.4	5207.1	5827.0	6360.5	6815.2	7226.1	7653.6
30°	3445.1	3941.6	4663.3	5578.2	6085.7	6691.8	7530.0	8162.6	8875.8	9658.6	9932.9
27.5°	4053.4	4797.0	5634.9	6376.0	7105.0	7859.9	8683.4	9496.1	10268.1	10919.5	11356.6
25°	4617.1	5517.6	6332.1	7124.0	7913.9	8764.0	9695.5	10617.3	11466.7	12137.0	12646.6
22.5°	5198.6	6150.0	7021.3	7824.8	8743.6	9707.0	10697.6	11754.8	12721.5	13416.9	13972.1
20°	5745.4	6803.5	7797.3	8712.2	9580.7	10692.9	11833.5	12954.9	14007.6	14836.0	15476.1
17.5°	6613.2	7531.7	8746.4	9934.9	10913.3	11934.9	13459.2	14616.6	15784.8	16776.8	17455.5
15°	7678.9	8689.0	9943.2	11575.4	12916.1	14086.7	15661.3	17544.2	18922.0	20188.4	21057.2
12.5°	8745.5	9888.0	11244.6	13081.4	14990.2	16369.0	18279.4	20665.3	22270.2	24230.9	25197.5
10°	9563.0	10997.6	12394.7	14071.0	15904.1	17867.6	19926.9	22159.0	24303.5	25987.2	27492.2
7.5°	9892.2	11420.3	13037.6	14747.8	16580.9	18607.3	20802.1	23124.8	25331.7	27212.3	28866.3
5°	10138.2	11703.9	13331.9	15080.7	17040.2	19156.3	21383.8	23822.4	26076.3	28091.8	29784.0
2.5°	10294.5	11875.0	13496.0	15273.9	17334.8	19513.7	21812.8	24316.1	26603.8	28678.7	30365.4
0°	10354.5	11912.1	13572.0	15402.6	17442.8	19626.8	22025.3	24557.9	26863.7	28869.8	30605.3
-2.5°	10362.7	11877.6	13577.0	15398.6	17350.7	19555.2	21982.7	24494.2	26753.1	28751.1	30502.2
-5°	10281.3	11795.6	13496.6	15290.6	17245.5	19433.3	21756.6	24183.5	26338.0	28282.5	29968.4
-7.5°	10116.4	11626.5	13289.9	15042.8	16944.9	19067.2	21298.5	23554.8	25668.4	27533.4	29142.3
-10°	9871.7	11350.1	12955.9	14663.8	16463.6	18482.2	20609.9	22765.7	24747.7	26472.4	27960.2
-12.5°	9540.4	10984.6	12518.1	14148.7	15823.9	17748.5	19757.5	21781.9	23588.5	25162.9	26497.8
-15°	9110.1	10520.7	12005.5	13547.5	15172.1	16912.5	18715.5	20572.4	22238.5	23634.8	24854.3
-17.5°	8603.2	9971.2	11381.4	12810.8	14352.3	15985.1	17658.8	19325.7	20746.7	21987.2	23102.3
-20°	8038.1	9356.2	10695.6	12028.2	13426.7	14936.9	16482.6	17946.8	19188.7	20315.8	21336.1



REPORT NUMBER: P627972 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-722-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°	7404.5	8666.1	9949.9	11197.0	12458.2	13825.5	15206.0	16530.1	17691.8	18655.9	19542.6
-25°	6726.2	7892.0	9104.2	10273.5	11434.4	12659.7	13913.6	15131.8	16154.2	16991.3	17724.0
-27.5°	6042.8	7108.0	8176.1	9276.9	10349.9	11480.6	12615.8	13668.0	14585.9	15356.6	15972.3
-30°	5324.4	6276.7	7252.1	8248.0	9272.6	10307.4	11333.1	12254.4	13055.6	13733.5	14265.7
-32.5°	4727.3	5450.8	6311.9	7216.1	8176.5	9119.3	10011.5	10851.3	11606.3	12198.2	12649.5
-35°	4155.1	4767.7	5412.7	6213.0	7038.1	7905.6	8726.4	9475.9	10148.9	10666.2	11090.7
-37.5°	3663.1	4147.7	4693.1	5264.4	5956.2	6673.4	7414.2	8119.1	8719.2	9170.4	9549.5
-40°	3237.3	3619.9	4055.7	4508.6	5017.6	5532.9	6177.9	6772.7	7262.6	7684.3	8027.8
-42.5°	2852.4	3175.2	3497.1	3868.6	4252.6	4666.8	5119.5	5559.5	5935.4	6288.4	6580.1
-45°	2520.1	2778.0	3034.5	3321.5	3603.5	3940.3	4263.6	4552.2	4856.7	5121.0	5329.0
-47.5°	2229.6	2430.6	2650.5	2865.3	3091.7	3345.4	3586.0	3805.6	4028.7	4222.0	4377.0
-50°	1971.3	2138.0	2317.5	2486.2	2669.4	2854.9	3032.9	3207.5	3377.0	3524.1	3638.5
-52.5°	1745.3	1890.9	2030.8	2165.2	2310.8	2448.1	2577.0	2721.1	2853.7	2969.6	3047.9
-55°	1552.8	1671.8	1786.4	1898.6	2008.7	2112.8	2215.5	2327.4	2429.7	2521.8	2580.1
-57.5°	1372.1	1473.3	1570.4	1662.0	1749.4	1832.2	1918.7	2004.7	2083.6	2153.0	2198.1
-60°	1207.7	1290.4	1374.3	1449.1	1519.6	1585.7	1658.5	1727.4	1791.0	1844.5	1875.7
-62.5°	1057.1	1131.2	1193.2	1252.3	1312.3	1371.8	1423.6	1474.4	1523.5	1564.9	1592.1
-65°	899.6	962.4	1015.2	1062.7	1105.6	1151.8	1195.9	1235.8	1271.2	1298.2	1315.4
-67.5°	758.7	804.9	847.2	885.0	923.3	960.3	994.2	1024.5	1051.1	1069.9	1082.2
-70°	636.2	671.6	706.2	740.5	774.6	803.4	828.1	850.7	871.2	879.7	883.5
-72.5°	528.8	560.1	590.5	620.8	649.1	671.6	689.7	706.3	721.2	708.4	685.9
-75°	431.2	458.8	487.2	513.9	539.0	556.2	569.6	582.0	593.2	565.4	527.0
-77.5°	351.4	375.7	396.7	417.5	438.1	449.1	457.7	466.0	474.1	442.9	403.6
-80°	260.7	280.3	298.1	315.6	332.9	339.4	343.2	345.7	347.2	320.6	289.8
-82.5°	176.1	186.3	196.1	206.3	216.7	222.2	226.4	229.6	231.9	213.0	191.7
-85°	98.7	101.7	104.1	106.2	107.9	111.3	114.6	117.7	120.5	111.5	101.5
-87.5°	33.9	33.9	33.8	33.5	33.2	33.2	33.2	33.1	32.9	31.5	30.0
-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: P627972 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-722-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	0.2	0.5
62.5°	2.2	2.3	2.4	2.4	2.4	2.3	2.2	2.0	1.7	1.6	1.7
60°	4.8	2.9	2.4	2.4	2.4	2.9	4.8	6.3	7.2	9.4	10.1
57.5°	48.5	42.3	37.9	34.1	37.9	42.3	48.5	52.0	52.3	67.6	69.7
55°	322.8	300.6	273.4	241.3	273.4	300.6	322.8	328.7	315.0	287.6	259.6
52.5°	633.3	654.3	666.5	665.4	666.5	654.3	633.3	611.6	591.0	562.5	537.4
50°	833.5	845.0	845.6	836.1	845.6	845.0	833.5	814.6	791.1	758.2	705.5
47.5°	1221.3	1205.2	1177.7	1148.1	1177.7	1205.2	1221.3	1206.2	1173.0	1103.9	972.0
45°	2131.0	2182.4	2179.0	2113.3	2179.0	2182.4	2131.0	2037.8	1896.2	1767.4	1673.8
42.5°	2912.3	2989.2	3043.6	3071.3	3043.6	2989.2	2912.3	2818.1	2649.3	2453.7	2245.8
40°	3668.2	3742.4	3775.2	3773.3	3775.2	3742.4	3668.2	3541.9	3317.7	3048.6	2803.3
37.5°	4466.9	4563.0	4609.5	4587.4	4609.5	4563.0	4466.9	4337.0	4136.9	3812.0	3535.6
35°	5565.2	5655.2	5656.8	5611.1	5656.8	5655.2	5565.2	5481.2	5287.1	4877.9	4676.0
32.5°	7992.9	8023.0	7791.8	7709.8	7791.8	8023.0	7992.9	7653.6	7226.1	6815.2	6360.5
30°	10205.7	10419.1	10617.6	10717.7	10617.6	10419.1	10205.7	9932.9	9658.6	8875.8	8162.6
27.5°	11686.2	11942.8	12101.8	12112.0	12101.8	11942.8	11686.2	11356.6	10919.5	10268.1	9496.1
25°	13032.6	13319.7	13493.2	13552.5	13493.2	13319.7	13032.6	12646.6	12137.0	11466.7	10617.3
22.5°	14443.3	14781.6	15005.8	15051.6	15005.8	14781.6	14443.3	13972.1	13416.9	12721.5	11754.8
20°	16080.0	16473.8	16688.6	16679.8	16688.6	16473.8	16080.0	15476.1	14836.0	14007.6	12954.9
17.5°	18234.8	18657.0	18842.6	18761.5	18842.6	18657.0	18234.8	17455.5	16776.8	15784.8	14616.6
15°	21949.0	22832.3	22828.8	22476.2	22828.8	22832.3	21949.0	21057.2	20188.4	18922.0	17544.2
12.5°	26530.6	27188.8	27864.2	28009.4	27864.2	27188.8	26530.6	25197.5	24230.9	22270.2	20665.3
10°	28759.8	29634.0	30211.1	30195.8	30211.1	29634.0	28759.8	27492.2	25987.2	24303.5	22159.0
7.5°	30154.6	31120.4	31819.6	31804.6	31819.6	31120.4	30154.6	28866.3	27212.3	25331.7	23124.8
5°	31230.9	32302.2	32921.4	32967.3	32921.4	32302.2	31230.9	29784.0	28091.8	26076.3	23822.4
2.5°	31790.1	32908.2	33652.7	33554.7	33652.7	32908.2	31790.1	30365.4	28678.7	26603.8	24316.1
0°	32023.9	33130.6	33825.3	34125.1	33825.3	33130.6	32023.9	30605.3	28869.8	26863.7	24557.9
-2.5°	31921.8	32998.7	33766.4	33796.0	33766.4	32998.7	31921.8	30502.2	28751.1	26753.1	24494.2
-5°	31374.9	32511.1	33025.5	33298.8	33025.5	32511.1	31374.9	29968.4	28282.5	26338.0	24183.5
-7.5°	30492.9	31344.3	31997.7	32299.4	31997.7	31344.3	30492.9	29142.3	27533.4	25668.4	23554.8
-10°	29120.1	30001.6	30553.7	30802.8	30553.7	30001.6	29120.1	27960.2	26472.4	24747.7	22765.7
-12.5°	27599.3	28400.5	28925.3	29135.5	28925.3	28400.5	27599.3	26497.8	25162.9	23588.5	21781.9
-15°	25902.6	26630.0	27113.1	27314.7	27113.1	26630.0	25902.6	24854.3	23634.8	22238.5	20572.4
-17.5°	24034.8	24672.3	25153.7	25298.9	25153.7	24672.3	24034.8	23102.3	21987.2	20746.7	19325.7
-20°	22114.3	22690.5	23087.0	23173.4	23087.0	22690.5	22114.3	21336.1	20315.8	19188.7	17946.8



REPORT NUMBER: P627972 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-722-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°	20179.2	20653.9	20975.9	21084.4	20975.9	20653.9	20179.2	19542.6	18655.9	17691.8	16530.1
-25°	18288.0	18697.7	18956.9	19054.0	18956.9	18697.7	18288.0	17724.0	16991.3	16154.2	15131.8
-27.5°	16469.1	16851.0	17089.2	17121.0	17089.2	16851.0	16469.1	15972.3	15356.6	14585.9	13668.0
-30°	14679.5	14995.0	15178.6	15256.3	15178.6	14995.0	14679.5	14265.7	13733.5	13055.6	12254.4
-32.5°	13007.0	13282.6	13447.5	13491.6	13447.5	13282.6	13007.0	12649.5	12198.2	11606.3	10851.3
-35°	11428.2	11682.6	11828.8	11817.0	11828.8	11682.6	11428.2	11090.7	10666.2	10148.9	9475.9
-37.5°	9863.0	10097.8	10230.4	10218.0	10230.4	10097.8	9863.0	9549.5	9170.4	8719.2	8119.1
-40°	8310.3	8512.9	8629.7	8658.0	8629.7	8512.9	8310.3	8027.8	7684.3	7262.6	6772.7
-42.5°	6822.7	7009.7	7103.1	7066.3	7103.1	7009.7	6822.7	6580.1	6288.4	5935.4	5559.5
-45°	5474.5	5571.2	5634.9	5674.5	5634.9	5571.2	5474.5	5329.0	5121.0	4856.7	4552.2
-47.5°	4490.5	4570.7	4614.0	4621.5	4614.0	4570.7	4490.5	4377.0	4222.0	4028.7	3805.6
-50°	3727.4	3795.6	3825.7	3817.1	3825.7	3795.6	3727.4	3638.5	3524.1	3377.0	3207.5
-52.5°	3104.2	3143.7	3170.4	3183.4	3170.4	3143.7	3104.2	3047.9	2969.6	2853.7	2721.1
-55°	2623.9	2654.7	2672.7	2678.8	2672.7	2654.7	2623.9	2580.1	2521.8	2429.7	2327.4
-57.5°	2235.6	2265.0	2275.6	2271.8	2275.6	2265.0	2235.6	2198.1	2153.0	2083.6	2004.7
-60°	1899.7	1916.4	1929.0	1935.4	1929.0	1916.4	1899.7	1875.7	1844.5	1791.0	1727.4
-62.5°	1613.8	1629.5	1642.6	1650.2	1642.6	1629.5	1613.8	1592.1	1564.9	1523.5	1474.4
-65°	1327.4	1334.4	1336.3	1333.3	1336.3	1334.4	1327.4	1315.4	1298.2	1271.2	1235.8
-67.5°	1091.4	1097.2	1101.2	1101.8	1101.2	1097.2	1091.4	1082.2	1069.9	1051.1	1024.5
-70°	887.2	889.7	886.8	879.9	886.8	889.7	887.2	883.5	879.7	871.2	850.7
-72.5°	662.8	638.5	614.3	587.4	614.3	638.5	662.8	685.9	708.4	721.2	706.3
-75°	487.3	446.2	431.2	416.8	431.2	446.2	487.3	527.0	565.4	593.2	582.0
-77.5°	362.4	319.6	308.2	297.4	308.2	319.6	362.4	403.6	442.9	474.1	466.0
-80°	257.5	224.2	216.8	209.6	216.8	224.2	257.5	289.8	320.6	347.2	345.7
-82.5°	169.3	146.0	141.3	136.5	141.3	146.0	169.3	191.7	213.0	231.9	229.6
-85°	91.0	80.1	77.9	75.6	77.9	80.1	91.0	101.5	111.5	120.5	117.7
-87.5°	28.4	26.7	26.8	26.8	26.8	26.7	28.4	30.0	31.5	32.9	33.1
-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):**

	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	0.5	1.0	1.5	2.0	1.9	1.8	1.8	1.7
85°	0.0	0.0	0.0	0.6	1.2	1.8	2.4	2.4	2.4	2.4	2.4
82.5°	0.0	0.0	0.0	0.6	1.3	1.9	2.4	2.4	2.4	2.4	2.4
80°	0.0	0.0	0.1	0.7	1.3	1.9	2.4	2.4	2.4	2.4	2.4
77.5°	0.0	0.0	0.1	0.7	1.3	2.0	2.4	2.4	2.4	2.4	2.4
75°	0.0	0.0	0.2	0.8	1.4	2.0	2.4	2.4	2.4	2.4	2.4
72.5°	0.0	0.0	0.2	0.7	1.4	2.1	2.4	2.4	2.4	2.4	2.4
70°	0.0	0.0	0.1	0.1	0.2	0.6	1.4	2.0	2.3	2.4	2.4
67.5°	0.0	0.0	0.4	1.0	1.2	1.2	1.1	1.2	1.9	2.4	2.4
65°	0.6	0.4	0.6	1.2	1.8	2.4	2.5	2.2	2.2	2.5	2.4
62.5°	1.9	2.4	2.2	2.0	2.1	3.0	3.1	3.3	3.0	3.7	5.5
60°	7.9	4.0	8.7	10.2	8.0	7.8	13.7	12.9	5.0	18.2	22.1
57.5°	53.4	49.2	70.6	68.6	40.9	58.6	70.0	46.9	32.6	51.9	62.5
55°	233.4	228.1	222.2	209.4	192.0	178.8	176.3	175.9	139.7	101.3	114.9
52.5°	511.5	455.3	415.2	395.7	367.6	325.3	291.2	284.5	275.9	228.3	188.6
50°	657.1	646.9	603.5	536.7	530.6	488.0	428.9	388.0	382.7	350.1	290.0
47.5°	944.1	944.0	854.8	773.6	749.9	712.9	638.0	527.8	517.7	489.9	422.9
45°	1529.8	1423.4	1373.7	1217.2	1046.9	981.3	918.9	786.3	678.0	635.4	588.2
42.5°	2072.7	1914.7	1784.0	1627.0	1439.5	1275.3	1158.1	1012.5	881.6	791.0	723.5
40°	2580.6	2326.0	2145.0	1947.3	1743.3	1540.0	1394.9	1211.8	1062.6	941.1	869.6
37.5°	3215.7	2865.5	2664.6	2356.9	2099.7	1889.5	1703.8	1470.7	1231.0	1132.1	1043.4
35°	4150.2	3735.6	3500.6	3126.3	2606.4	2420.4	2178.3	1829.3	1526.0	1356.5	1247.0
32.5°	5827.0	5207.1	4774.4	4274.7	3586.2	3096.5	2774.8	2386.7	1900.7	1656.9	1475.3
30°	7530.0	6691.8	6085.7	5578.2	4663.3	3941.6	3445.1	2895.7	2371.9	1975.9	1729.3
27.5°	8683.4	7859.9	7105.0	6376.0	5634.9	4797.0	4053.4	3347.8	2775.3	2332.5	2013.8
25°	9695.5	8764.0	7913.9	7124.0	6332.1	5517.6	4617.1	3824.3	3152.1	2645.7	2229.7
22.5°	10697.6	9707.0	8743.6	7824.8	7021.3	6150.0	5198.6	4286.3	3513.8	2989.3	2489.5
20°	11833.5	10692.9	9580.7	8712.2	7797.3	6803.5	5745.4	4875.7	4118.7	3400.0	2773.6
17.5°	13459.2	11934.9	10913.3	9934.9	8746.4	7531.7	6613.2	5701.4	4769.3	3833.9	3071.6
15°	15661.3	14086.7	12916.1	11575.4	9943.2	8689.0	7678.9	6571.7	5467.6	4347.5	3426.4
12.5°	18279.4	16369.0	14990.2	13081.4	11244.6	9888.0	8745.5	7506.3	6149.9	4811.8	3756.4
10°	19926.9	17867.6	15904.1	14071.0	12394.7	10997.6	9563.0	8049.7	6541.1	5162.0	4041.8
7.5°	20802.1	18607.3	16580.9	14747.8	13037.6	11420.3	9892.2	8368.2	6855.7	5435.7	4283.0
5°	21383.8	19156.3	17040.2	15080.7	13331.9	11703.9	10138.2	8584.0	7092.4	5637.4	4480.3
2.5°	21812.8	19513.7	17334.8	15273.9	13496.0	11875.0	10294.5	8709.8	7215.9	5745.5	4549.0
0°	22025.3	19626.8	17442.8	15402.6	13572.0	11912.1	10354.5	8755.5	7244.3	5791.5	4577.6
-2.5°	21982.7	19555.2	17350.7	15398.6	13577.0	11877.6	10362.7	8780.2	7252.1	5825.9	4597.9
-5°	21756.6	19433.3	17245.5	15290.6	13496.6	11795.6	10281.3	8726.5	7195.2	5798.5	4578.6
-7.5°	21298.5	19067.2	16944.9	15042.8	13289.9	11626.5	10116.4	8594.8	7080.0	5704.0	4521.5
-10°	20609.9	18482.2	16463.6	14663.8	12955.9	11350.1	9871.7	8372.1	6889.9	5548.6	4422.5
-12.5°	19757.5	17748.5	15823.9	14148.7	12518.1	10984.6	9540.4	8058.2	6625.6	5332.9	4281.3
-15°	18715.5	16912.5	15172.1	13547.5	12005.5	10520.7	9110.1	7667.4	6289.5	5055.0	4098.1
-17.5°	17658.8	15985.1	14352.3	12810.8	11381.4	9971.2	8603.2	7232.8	5914.4	4755.4	3883.5
-20°	16482.6	14936.9	13426.7	12028.2	10695.6	9356.2	8038.1	6720.1	5484.9	4475.0	3693.6



REPORT NUMBER: P627972 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-722-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°	15206.0	13825.5	12458.2	11197.0	9949.9	8666.1	7404.5	6160.4	4988.5	4160.5	3478.3
-25°	13913.6	12659.7	11434.4	10273.5	9104.2	7892.0	6726.2	5590.4	4621.5	3863.6	3245.8
-27.5°	12615.8	11480.6	10349.9	9276.9	8176.1	7108.0	6042.8	5013.1	4224.1	3579.7	3029.1
-30°	11333.1	10307.4	9272.6	8248.0	7252.1	6276.7	5324.4	4544.4	3858.6	3276.3	2786.6
-32.5°	10011.5	9119.3	8176.5	7216.1	6311.9	5450.8	4727.3	4070.0	3477.3	2996.8	2570.8
-35°	8726.4	7905.6	7038.1	6213.0	5412.7	4767.7	4155.1	3617.6	3143.5	2718.1	2355.7
-37.5°	7414.2	6673.4	5956.2	5264.4	4693.1	4147.7	3663.1	3224.2	2814.7	2476.2	2164.3
-40°	6177.9	5532.9	5017.6	4508.6	4055.7	3619.9	3237.3	2860.3	2544.0	2246.1	1977.6
-42.5°	5119.5	4666.8	4252.6	3868.6	3497.1	3175.2	2852.4	2558.9	2282.9	2033.3	1810.3
-45°	4263.6	3940.3	3603.5	3321.5	3034.5	2778.0	2520.1	2278.3	2046.4	1842.8	1645.0
-47.5°	3586.0	3345.4	3091.7	2865.3	2650.5	2430.6	2229.6	2021.2	1841.4	1660.1	1495.1
-50°	3032.9	2854.9	2669.4	2486.2	2317.5	2138.0	1971.3	1807.3	1649.1	1498.7	1348.5
-52.5°	2577.0	2448.1	2310.8	2165.2	2030.8	1890.9	1745.3	1613.5	1477.1	1344.5	1213.2
-55°	2215.5	2112.8	2008.7	1898.6	1786.4	1671.8	1552.8	1434.4	1317.0	1196.2	1097.2
-57.5°	1918.7	1832.2	1749.4	1662.0	1570.4	1473.3	1372.1	1266.3	1170.2	1079.0	989.0
-60°	1658.5	1585.7	1519.6	1449.1	1374.3	1290.4	1207.7	1124.5	1041.3	962.0	884.9
-62.5°	1423.6	1371.8	1312.3	1252.3	1193.2	1131.2	1057.1	983.7	913.2	845.1	781.5
-65°	1195.9	1151.8	1105.6	1062.7	1015.2	962.4	899.6	842.3	786.9	730.9	678.3
-67.5°	994.2	960.3	923.3	885.0	847.2	804.9	758.7	711.1	666.6	620.8	581.6
-70°	828.1	803.4	774.6	740.5	706.2	671.6	636.2	598.8	558.5	517.4	485.7
-72.5°	689.7	671.6	649.1	620.8	590.5	560.1	528.8	495.6	459.9	421.8	391.4
-75°	569.6	556.2	539.0	513.9	487.2	458.8	431.2	400.9	366.3	327.2	296.4
-77.5°	457.7	449.1	438.1	417.5	396.7	375.7	351.4	316.0	280.9	247.6	224.9
-80°	343.2	339.4	332.9	315.6	298.1	280.3	260.7	233.8	208.1	184.1	165.6
-82.5°	226.4	222.2	216.7	206.3	196.1	186.3	176.1	158.0	140.2	122.9	107.9
-85°	114.6	111.3	107.9	106.2	104.1	101.7	98.7	88.3	78.3	68.9	60.6
-87.5°	33.2	33.2	33.2	33.5	33.8	33.9	33.9	31.4	28.9	26.5	24.1
-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: P627972 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-722-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°	1.6	1.5	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7
85°	2.4	2.4	2.4	2.4	2.4	2.4	2.2	2.0	1.8	1.6	1.4
82.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.2
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	2.6	2.4	2.4	2.4
67.5°	2.4	2.4	2.4	2.5	2.4	2.4	2.4	3.0	3.1	2.4	2.4
65°	2.4	2.4	2.5	3.6	3.3	2.4	2.4	4.7	4.0	3.5	2.4
62.5°	4.7	2.4	6.3	8.5	5.5	4.4	3.5	10.1	6.5	4.6	3.3
60°	11.1	9.0	17.0	26.0	18.7	7.3	10.7	17.4	16.1	5.9	4.6
57.5°	56.4	25.8	38.1	49.5	47.2	26.6	21.5	29.9	27.2	15.9	6.3
55°	117.0	99.6	79.2	78.8	79.7	63.0	44.9	46.3	41.0	29.1	9.3
52.5°	177.9	172.4	153.5	125.1	114.8	103.7	84.9	65.6	60.9	43.5	22.9
50°	253.6	239.8	224.8	195.6	158.6	144.0	124.6	100.2	82.9	60.8	37.9
47.5°	340.2	316.1	293.5	265.3	224.7	186.5	164.8	135.9	107.1	83.5	53.1
45°	475.4	396.9	366.4	333.7	292.0	244.2	206.7	171.2	138.7	106.3	68.3
42.5°	614.2	505.0	441.1	404.3	360.6	306.8	250.2	210.4	169.9	129.0	86.3
40°	753.9	618.8	521.9	475.9	431.5	369.1	305.7	251.3	200.4	152.6	106.0
37.5°	904.9	746.1	615.0	550.4	503.6	436.2	362.1	293.1	231.8	178.2	125.4
35°	1092.7	897.1	716.4	636.6	573.8	504.6	417.8	338.5	269.2	203.9	144.6
32.5°	1304.0	1063.8	861.6	730.5	645.0	574.3	477.2	389.7	307.7	229.6	163.4
30°	1514.1	1235.3	999.5	823.5	720.9	639.6	540.5	441.2	347.0	255.3	182.6
27.5°	1674.5	1383.3	1128.5	935.3	804.7	704.6	603.5	493.0	386.9	283.6	203.6
25°	1838.3	1520.4	1253.7	1044.8	886.9	770.9	664.2	544.7	429.3	316.1	224.1
22.5°	2029.6	1650.5	1359.3	1143.6	973.9	838.1	722.0	597.2	472.3	348.3	244.0
20°	2216.8	1770.5	1456.5	1259.0	1069.1	913.2	778.8	647.1	514.4	380.0	263.3
17.5°	2408.7	1939.1	1617.7	1378.5	1167.4	987.4	834.8	694.5	555.2	410.8	281.8
15°	2697.9	2164.5	1780.4	1496.5	1262.4	1060.1	889.8	739.2	594.6	440.6	298.3
12.5°	2970.4	2376.7	1938.1	1611.8	1353.6	1130.7	943.0	781.0	632.2	465.3	312.1
10°	3211.3	2574.2	2089.2	1723.0	1440.2	1198.4	994.0	813.9	654.4	485.0	324.4
7.5°	3420.9	2755.4	2231.8	1828.8	1514.1	1244.2	1020.0	831.1	671.3	502.3	335.1
5°	3581.3	2878.7	2310.2	1871.1	1541.9	1265.2	1038.6	845.0	684.8	517.1	344.4
2.5°	3634.3	2919.8	2341.1	1894.9	1562.1	1280.2	1052.9	855.6	694.9	529.3	352.1
0°	3658.7	2939.6	2357.1	1908.6	1574.6	1289.4	1062.8	862.9	702.0	538.7	358.3
-2.5°	3685.6	2966.7	2379.5	1929.8	1587.7	1302.0	1073.2	874.3	712.2	549.2	368.6
-5°	3683.7	2971.7	2386.7	1940.0	1592.9	1308.8	1079.2	882.4	719.4	556.9	377.3
-7.5°	3644.8	2948.7	2377.5	1938.0	1590.1	1309.6	1080.9	887.2	724.0	561.8	384.0
-10°	3575.1	2900.9	2350.7	1920.4	1579.6	1303.8	1078.2	888.7	725.8	563.9	388.9
-12.5°	3477.0	2832.8	2307.6	1891.7	1560.8	1291.6	1070.3	884.5	724.7	563.2	391.6
-15°	3351.0	2745.2	2248.1	1852.0	1533.6	1273.5	1057.7	876.0	718.3	559.1	392.2
-17.5°	3198.6	2638.8	2172.2	1801.3	1498.1	1249.4	1040.2	864.1	709.8	551.9	391.4
-20°	3057.1	2526.7	2084.6	1739.8	1454.1	1219.4	1018.0	848.9	699.1	542.9	389.6

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CATALOG NUMBER: GFLD-SA6E-722-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°	2899.0	2410.3	2006.9	1680.9	1407.6	1183.6	991.0	830.5	686.4	532.2	386.1
-25°	2718.0	2278.4	1918.1	1615.3	1362.4	1149.3	963.3	808.9	671.7	520.0	380.9
-27.5°	2547.9	2142.4	1818.7	1539.6	1310.1	1109.9	935.9	788.9	654.9	506.4	374.2
-30°	2374.4	2023.9	1723.3	1460.4	1252.4	1065.9	905.1	767.4	635.8	494.5	365.9
-32.5°	2198.0	1894.8	1621.2	1391.8	1196.6	1018.7	871.4	744.4	616.0	482.7	359.0
-35°	2046.4	1767.8	1511.6	1317.9	1139.3	978.4	837.9	720.0	595.4	469.3	351.5
-37.5°	1885.0	1638.9	1426.2	1244.5	1078.0	934.4	805.7	691.3	574.4	454.4	342.5
-40°	1740.6	1518.7	1334.3	1173.6	1022.8	887.0	769.8	660.6	554.7	438.0	331.9
-42.5°	1593.5	1409.5	1244.7	1097.2	967.3	843.4	730.7	627.9	529.2	422.8	319.8
-45°	1464.7	1297.5	1151.9	1027.9	909.3	795.9	692.4	593.9	501.8	407.1	307.1
-47.5°	1331.5	1189.6	1065.4	955.5	852.2	746.6	652.1	562.5	473.5	389.7	294.2
-50°	1207.3	1087.4	984.1	885.7	789.2	700.4	611.8	530.1	447.7	366.7	279.7
-52.5°	1096.8	997.0	905.0	815.3	732.5	652.3	575.7	497.2	420.8	343.9	263.6
-55°	999.2	910.2	827.4	749.9	675.7	609.4	538.8	466.2	392.8	320.4	246.5
-57.5°	905.8	825.6	755.2	686.2	623.0	565.4	502.7	434.1	364.5	295.7	231.2
-60°	811.8	747.2	684.6	626.7	572.1	519.8	466.6	401.0	335.2	270.4	212.8
-62.5°	721.7	667.6	619.4	568.5	518.4	472.4	429.2	366.7	304.7	245.3	192.3
-65°	633.3	591.9	553.0	505.2	461.6	423.2	387.4	331.3	272.6	218.6	171.0
-67.5°	545.8	511.7	476.9	438.1	405.8	374.4	342.7	292.0	238.6	190.5	149.4
-70°	457.5	428.5	403.7	379.1	352.2	324.6	292.9	249.7	203.0	163.8	127.0
-72.5°	370.9	353.2	338.4	321.0	298.2	272.0	242.4	207.0	170.8	136.4	104.0
-75°	285.6	282.0	277.5	266.3	244.5	220.0	196.0	168.9	137.7	108.2	84.7
-77.5°	225.0	223.5	220.4	212.5	193.5	173.5	152.7	130.0	106.2	85.9	66.6
-80°	166.6	166.4	165.0	160.2	143.9	126.9	112.5	97.9	80.5	63.9	48.1
-82.5°	109.5	111.2	111.9	110.5	99.4	88.6	78.1	67.8	54.4	41.5	32.2
-85°	62.5	63.7	64.0	63.3	56.5	49.9	45.6	41.1	33.9	27.4	21.5
-87.5°	26.0	27.4	28.6	29.4	27.2	25.0	22.8	20.6	17.0	13.8	10.8
-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-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
85°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
82.5°	1.9	1.6	1.2	0.9	0.6	0.3	0.0
80°	2.4	2.1	1.7	1.2	0.8	0.4	0.0
77.5°	2.4	2.4	2.1	1.6	1.0	0.5	0.0
75°	2.4	2.4	2.4	1.9	1.2	0.6	0.0
72.5°	2.4	2.4	2.4	2.2	1.4	0.7	0.0
70°	2.4	2.4	2.4	2.4	1.6	0.8	0.0
67.5°	2.6	2.4	2.4	2.4	1.8	0.9	0.0
65°	2.9	2.7	2.4	2.4	2.0	1.0	0.0
62.5°	3.3	3.2	2.4	2.4	2.2	1.1	0.0
60°	3.8	3.9	2.4	2.4	2.4	1.2	0.0
57.5°	6.6	4.6	3.1	2.4	2.4	1.3	0.0
55°	10.1	5.4	3.8	2.4	2.5	1.4	0.0
52.5°	14.1	6.7	4.6	2.4	2.5	1.5	0.0
50°	18.6	11.0	5.4	2.4	2.6	1.5	0.0
47.5°	24.8	15.5	6.3	2.6	2.6	1.6	0.0
45°	38.0	20.3	7.2	3.2	2.7	1.7	0.0
42.5°	51.1	25.4	8.1	3.9	2.8	1.8	0.0
40°	64.2	30.7	10.7	4.8	2.9	1.8	0.0
37.5°	77.2	36.3	14.9	5.9	3.0	1.9	0.0
35°	90.1	45.1	19.1	7.0	3.1	2.0	0.0
32.5°	103.6	55.3	23.4	8.2	3.2	2.0	0.0
30°	118.9	65.2	27.6	9.6	3.3	2.1	0.0
27.5°	133.7	74.8	32.6	10.9	3.4	2.1	0.0
25°	147.9	84.0	37.5	12.4	3.6	2.2	0.0
22.5°	161.6	93.0	42.2	13.9	3.7	2.2	0.0
20°	174.6	101.8	46.9	15.4	3.8	2.3	0.0
17.5°	186.6	110.1	51.3	17.0	4.0	2.3	0.0
15°	197.7	117.8	55.6	18.5	4.1	2.3	0.0
12.5°	207.9	124.9	59.6	20.0	4.3	2.3	0.0
10°	217.1	131.5	63.4	21.5	4.4	2.4	0.0
7.5°	225.3	137.4	66.9	23.0	4.5	2.4	0.0
5°	232.5	142.6	70.2	24.3	4.7	2.4	0.0
2.5°	238.7	147.2	73.1	25.6	4.8	2.4	0.0
0°	243.8	151.1	75.6	26.8	4.9	2.4	0.0
-2.5°	250.4	155.9	79.1	28.5	5.6	2.6	0.0
-5°	255.9	159.9	82.1	30.1	6.4	2.7	0.0
-7.5°	260.3	163.1	84.7	31.5	7.1	2.9	0.0
-10°	263.4	165.5	86.8	32.7	7.7	3.0	0.0
-12.5°	265.2	167.1	88.4	33.8	8.4	3.1	0.0
-15°	265.7	167.9	89.5	34.6	9.0	3.2	0.0
-17.5°	265.0	167.8	90.0	35.3	9.5	3.4	0.0
-20°	264.2	166.9	89.8	35.7	10.0	3.4	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	264.3	165.0	89.1	35.9	10.5	3.5	0.0
-25°	263.1	164.4	87.7	35.9	10.9	3.6	0.0
-27.5°	260.6	163.7	85.7	35.7	11.2	3.6	0.0
-30°	256.8	162.0	83.2	35.2	11.5	3.7	0.0
-32.5°	251.6	159.2	82.2	34.4	11.6	3.7	0.0
-35°	246.7	155.4	80.5	33.4	11.8	3.7	0.0
-37.5°	241.1	151.2	78.0	32.1	11.8	3.7	0.0
-40°	234.1	147.5	74.9	30.6	11.8	3.7	0.0
-42.5°	225.9	142.9	72.7	29.2	11.7	3.6	0.0
-45°	216.2	137.3	71.3	28.1	11.5	3.5	0.0
-47.5°	205.3	130.8	69.1	26.6	11.2	3.5	0.0
-50°	195.8	123.4	66.2	26.1	10.9	3.4	0.0
-52.5°	185.5	115.1	62.6	25.7	10.5	3.2	0.0
-55°	174.0	108.4	58.2	25.1	10.0	3.1	0.0
-57.5°	161.5	101.0	53.2	24.1	9.4	3.0	0.0
-60°	148.1	92.7	47.7	22.8	8.8	2.8	0.0
-62.5°	135.2	83.3	44.4	21.2	8.3	2.6	0.0
-65°	120.9	73.1	40.6	19.3	7.7	2.4	0.0
-67.5°	105.4	64.0	36.3	17.2	7.1	2.2	0.0
-70°	88.9	56.1	31.6	14.8	6.4	2.0	0.0
-72.5°	75.5	47.6	26.5	13.1	5.7	1.8	0.0
-75°	62.0	38.6	21.1	11.4	4.9	1.5	0.0
-77.5°	47.8	29.1	17.4	9.6	4.2	1.3	0.0
-80°	33.0	22.2	14.1	7.8	3.4	1.0	0.0
-82.5°	24.3	16.8	10.7	5.9	2.5	0.8	0.0
-85°	16.3	11.3	7.2	4.0	1.7	0.5	0.0
-87.5°	8.2	5.7	3.6	2.0	0.9	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)