

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: P628012 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-740-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P628012 (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-740-U-WR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (96) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

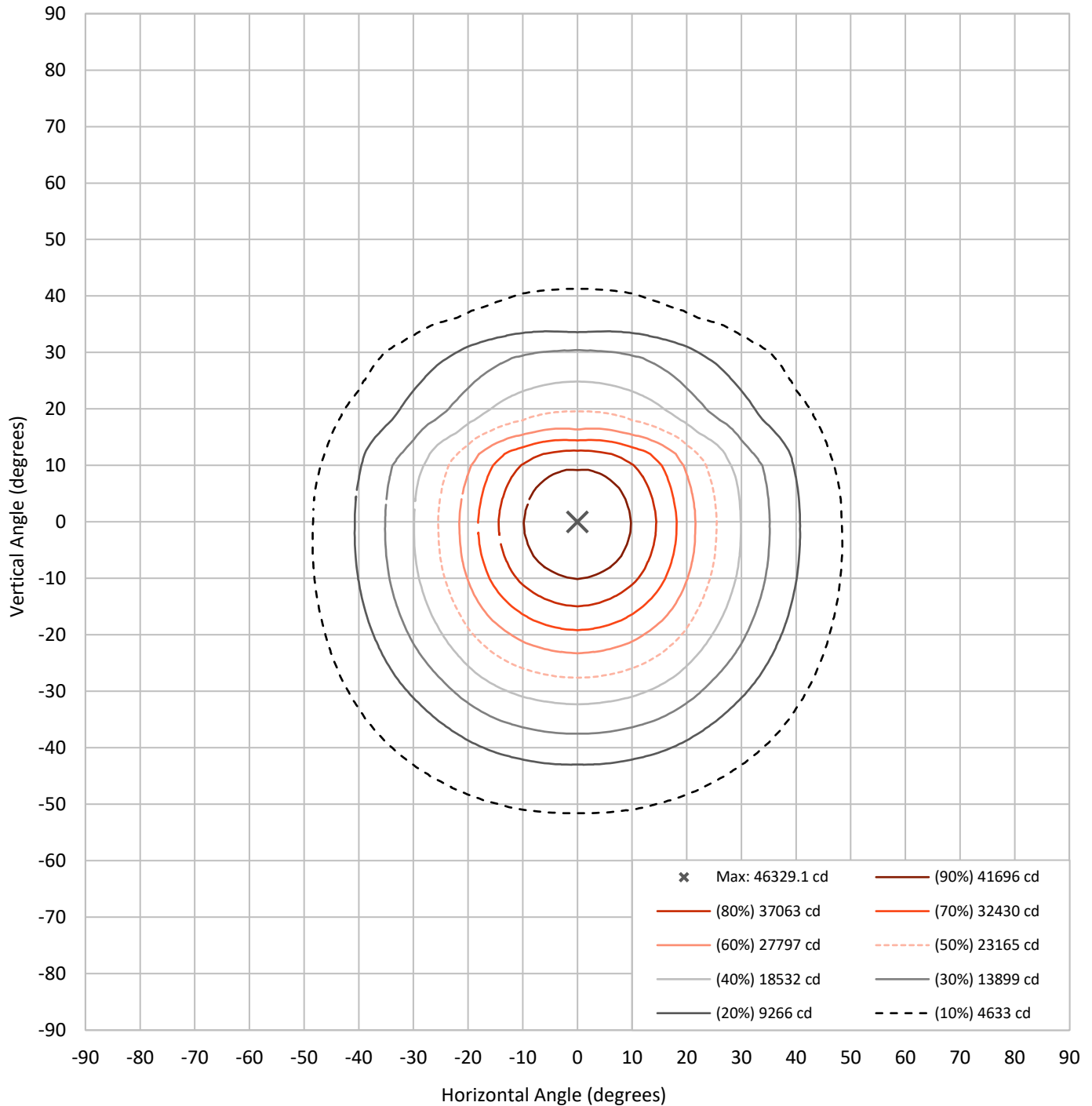
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	40872.3 lumens	Max Intensity:	46329.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	108.5 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:	19678.1 lumens	Field Lumens:	36594.6 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





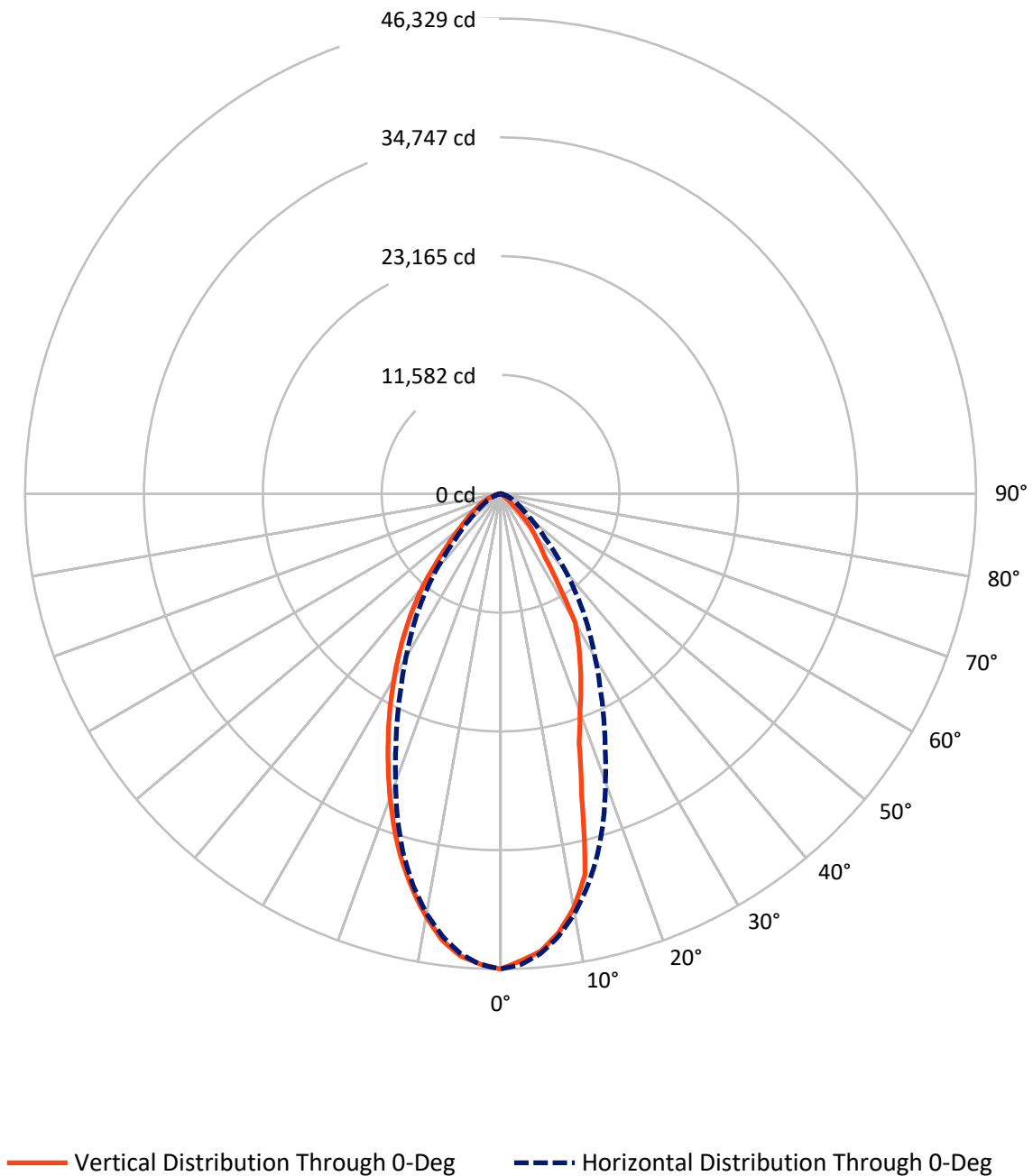
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Lumen Table

90																			
80	0.0	0.2		0.3	0.0		0.0	0.0		0.3	0.2		0.0						
70																			
60	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2				
50		0.9	2.1	3.9	6.4	9.4	12.9	14.5	14.5	12.9	9.4	6.4	3.9	2.1		0.9			
40	1.7	3.1	7.9	16.6	30.4	49.9	72.0	88.3	88.3	72.0	49.9	30.4	16.6	7.9	3.1				
30		6.2	15.9	37.0	76.3	140.2	214.4	257.7	257.7	214.4	140.2	76.3	37.0	15.9	6.2				
20	4.5	9.8	25.9	67.1	158.8	298.1	453.7	546.8	546.8	453.7	298.1	158.8	67.1	25.9	9.8				
10		13.2	36.9	105.2	261.2	483.0	754.7	933.1	933.1	754.7	483.0	261.2	105.2	36.9	13.2				
0	6.3	15.4	46.3	136.1	343.0	639.2	1026.4	1301.3	1301.3	1026.4	639.2	343.0	136.1	46.3	15.4				
-10		16.1	48.2	140.4	347.9	648.5	1036.8	1309.5	1309.5	1036.8	648.5	347.9	140.4	48.2	16.1				
-20	6.8	15.9	45.7	125.1	308.3	569.4	877.7	1083.1	1083.1	877.7	569.4	308.3	125.1	45.7	15.9				
-30		14.6	39.6	98.0	230.0	429.3	639.8	767.2	767.2	639.8	429.3	230.0	98.0	39.6	14.6				
-40	5.8	12.8	32.0	70.8	144.8	266.3	401.8	478.3	478.3	401.8	266.3	144.8	70.8	32.0	12.8				
-50		10.6	24.7	48.9	87.0	139.4	200.0	238.0	238.0	200.0	139.4	87.0	48.9	24.7	10.6				
-60	3.6	8.3	18.0	32.6	53.2	76.4	98.8	111.8	111.8	98.8	76.4	53.2	32.6	18.0	8.3				
-70		5.8	12.0	20.1	30.8	42.0	51.4	56.1	56.1	51.4	42.0	30.8	20.1	12.0	5.8				
-80	1.0	11.6		30.0	53.7		48.9	53.7		30.0	11.6		1.0						
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

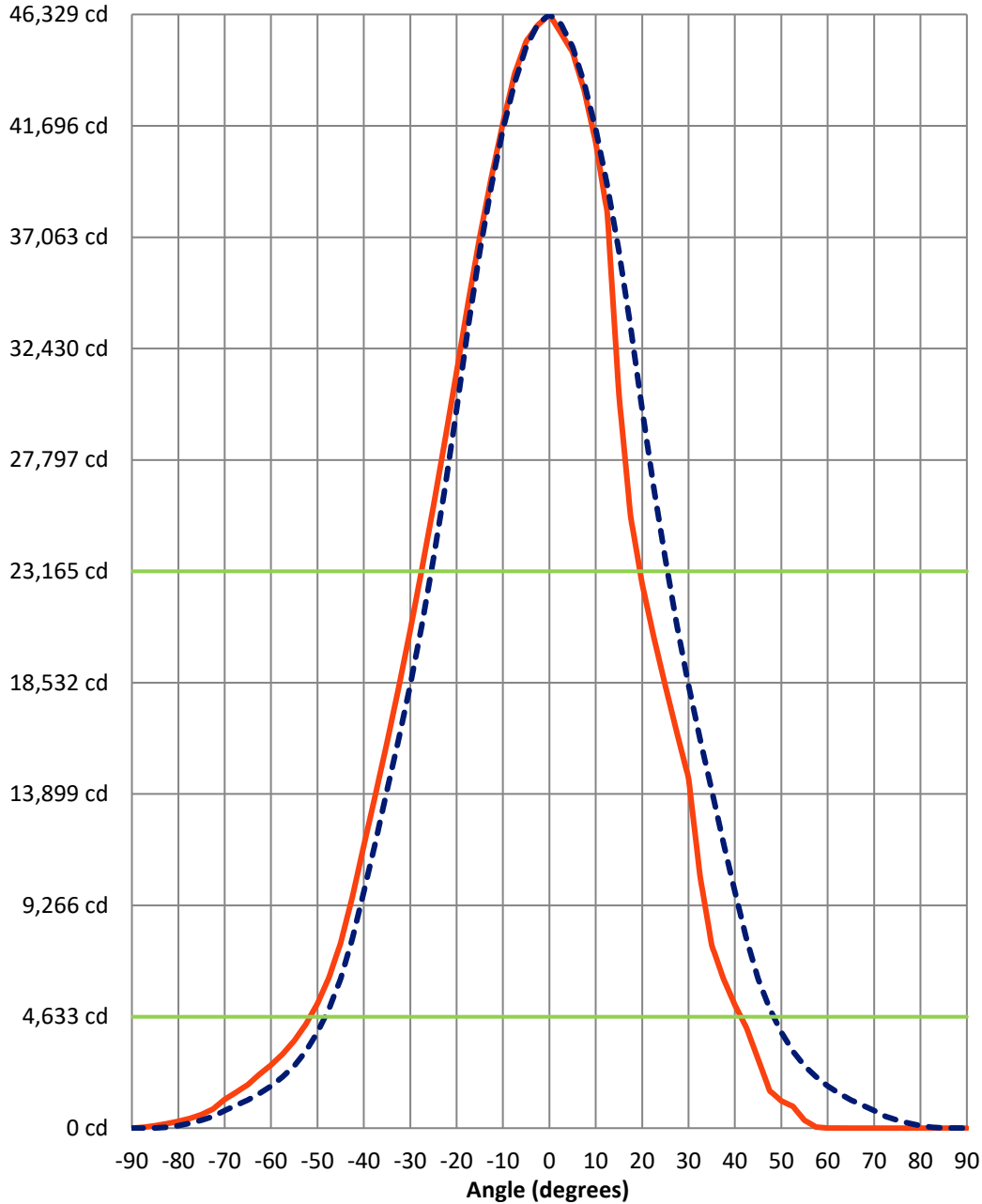
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 19678.1
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 36594.6
 Efficiency: 89.5%

Spill:
 Lumens: 4277.7
 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	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.3	1.4
85°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.5	2.8
82.5°	0.0	0.4	0.9	1.3	1.7	2.1	2.6	3.0	3.3	3.3	3.3
80°	0.0	0.6	1.1	1.7	2.3	2.8	3.3	3.3	3.3	3.3	3.3
77.5°	0.0	0.7	1.4	2.1	2.8	3.3	3.3	3.3	3.3	3.3	3.3
75°	0.0	0.9	1.7	2.6	3.3	3.3	3.3	3.3	3.3	3.3	3.3
72.5°	0.0	1.0	2.0	3.0	3.3	3.3	3.3	3.3	3.3	3.3	3.3
70°	0.0	1.1	2.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.6
67.5°	0.0	1.3	2.5	3.3	3.3	3.3	3.6	3.3	3.3	4.3	4.1
65°	0.0	1.4	2.8	3.3	3.3	3.7	4.0	3.3	4.7	5.4	6.4
62.5°	0.0	1.5	3.0	3.3	3.3	4.4	4.5	4.5	6.3	8.9	13.8
60°	0.0	1.6	3.3	3.3	3.3	5.3	5.2	6.2	7.9	21.9	23.7
57.5°	0.0	1.8	3.3	3.3	4.2	6.2	8.9	8.5	21.5	36.9	40.5
55°	0.0	1.9	3.4	3.3	5.2	7.3	13.7	12.6	39.5	55.7	62.9
52.5°	0.0	2.0	3.4	3.3	6.3	9.1	19.1	31.1	59.0	82.6	89.1
50°	0.0	2.1	3.5	3.3	7.4	14.9	25.3	51.5	82.5	112.5	136.0
47.5°	0.0	2.2	3.6	3.5	8.5	21.0	33.7	72.0	113.3	145.3	184.5
45°	0.0	2.3	3.7	4.4	9.7	27.5	51.6	92.7	144.3	188.3	232.4
42.5°	0.0	2.4	3.8	5.4	11.0	34.4	69.4	117.2	175.2	230.7	285.6
40°	0.0	2.5	3.9	6.5	14.4	41.7	87.2	143.9	207.2	272.1	341.1
37.5°	0.0	2.6	4.1	7.9	20.1	49.3	104.8	170.3	241.9	314.7	397.9
35°	0.0	2.7	4.2	9.5	25.8	61.2	122.3	196.4	276.8	365.5	459.6
32.5°	0.0	2.8	4.3	11.2	31.6	75.0	140.8	221.9	311.8	417.7	529.0
30°	0.0	2.9	4.5	12.9	37.4	88.5	161.5	247.9	346.6	471.0	599.0
27.5°	0.0	2.9	4.7	14.8	44.1	101.5	181.5	276.4	385.0	525.3	669.2
25°	0.0	3.0	4.8	16.8	50.8	114.1	200.9	304.2	429.1	582.9	739.5
22.5°	0.0	3.0	5.0	18.8	57.3	126.4	219.4	331.3	472.8	641.3	810.7
20°	0.0	3.1	5.2	20.9	63.6	138.3	237.1	357.5	515.8	698.4	878.6
17.5°	0.0	3.1	5.4	23.0	69.6	149.5	253.4	382.6	557.7	753.8	942.9
15°	0.0	3.2	5.6	25.1	75.4	160.0	268.4	405.0	598.1	807.3	1003.6
12.5°	0.0	3.2	5.8	27.2	80.9	169.7	282.2	423.7	631.7	858.3	1060.3
10°	0.0	3.2	5.9	29.2	86.1	178.5	294.7	440.4	658.5	888.5	1105.0
7.5°	0.0	3.3	6.1	31.2	90.8	186.6	305.8	455.0	682.0	911.4	1128.3
5°	0.0	3.3	6.3	33.0	95.2	193.7	315.6	467.6	702.1	929.7	1147.2
2.5°	0.0	3.3	6.4	34.8	99.1	199.9	324.0	478.1	718.6	943.5	1161.6
0°	0.0	3.3	6.6	36.4	102.6	205.2	330.9	486.5	731.3	953.1	1171.5
-2.5°	0.0	3.5	7.6	38.7	107.3	211.7	339.9	500.5	745.6	966.9	1187.0
-5°	0.0	3.7	8.6	40.8	111.4	217.1	347.4	512.2	756.1	976.8	1198.0
-7.5°	0.0	3.9	9.5	42.7	115.0	221.5	353.3	521.4	762.7	982.9	1204.6
-10°	0.0	4.1	10.5	44.4	117.8	224.7	357.5	528.0	765.6	985.3	1206.6
-12.5°	0.0	4.3	11.3	45.8	120.0	226.9	360.0	531.7	764.7	983.8	1200.9
-15°	0.0	4.4	12.2	47.0	121.4	227.9	360.7	532.4	759.1	975.2	1189.3
-17.5°	0.0	4.6	12.9	47.9	122.1	227.8	359.7	531.4	749.3	963.6	1173.2
-20°	0.0	4.7	13.6	48.5	121.9	226.5	358.7	528.9	737.0	949.1	1152.6

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Scaled Data Report



REPORT NUMBER: P628012 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-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	4.8	14.2	48.8	121.0	224.0	358.8	524.1	722.5	931.8	1127.6
-25°	0.0	4.9	14.7	48.8	119.1	223.2	357.2	517.1	705.9	912.0	1098.2
-27.5°	0.0	5.0	15.2	48.4	116.3	222.3	353.8	508.0	687.5	889.0	1071.1
-30°	0.0	5.0	15.5	47.8	113.0	219.9	348.6	496.7	671.3	863.2	1041.9
-32.5°	0.0	5.0	15.8	46.8	111.6	216.1	341.6	487.4	655.3	836.3	1010.7
-35°	0.0	5.0	16.0	45.4	109.2	210.9	334.9	477.2	637.1	808.4	977.5
-37.5°	0.0	5.0	16.0	43.7	106.0	205.3	327.3	464.9	616.9	779.8	938.5
-40°	0.0	5.0	16.0	41.6	101.8	200.3	317.9	450.5	594.6	753.0	896.8
-42.5°	0.0	4.9	15.8	39.7	98.7	194.0	306.6	434.1	573.9	718.4	852.4
-45°	0.0	4.8	15.6	38.2	96.8	186.4	293.6	417.0	552.7	681.2	806.3
-47.5°	0.0	4.7	15.2	36.1	93.9	177.6	278.8	399.5	529.0	642.8	763.6
-50°	0.0	4.6	14.7	35.5	89.9	167.6	265.8	379.8	497.9	607.8	719.6
-52.5°	0.0	4.4	14.2	35.0	85.0	156.3	251.8	358.0	466.9	571.3	674.9
-55°	0.0	4.2	13.5	34.0	79.1	147.1	236.3	334.7	435.1	533.2	632.8
-57.5°	0.0	4.0	12.7	32.7	72.3	137.2	219.3	313.9	401.6	494.8	589.3
-60°	0.0	3.8	11.9	30.9	64.8	125.8	201.1	288.9	367.1	455.1	544.3
-62.5°	0.0	3.6	11.2	28.7	60.3	113.2	183.5	261.1	333.1	413.7	497.9
-65°	0.0	3.3	10.4	26.1	55.2	99.3	164.2	232.1	296.8	370.1	449.8
-67.5°	0.0	3.0	9.5	23.2	49.3	86.9	143.2	202.8	258.6	323.9	396.4
-70°	0.0	2.7	8.6	20.0	42.9	76.2	120.7	172.5	222.4	275.5	338.9
-72.5°	0.0	2.4	7.7	17.7	36.0	64.7	102.6	141.2	185.2	231.8	281.0
-75°	0.0	2.1	6.7	15.4	28.5	52.4	84.2	115.0	146.9	187.0	229.3
-77.5°	0.0	1.8	5.6	13.0	23.6	39.5	64.9	90.4	116.6	144.3	176.4
-80°	0.0	1.4	4.5	10.6	19.1	30.2	44.8	65.3	86.7	109.3	132.9
-82.5°	0.0	1.1	3.4	8.0	14.5	22.8	33.0	43.6	56.4	73.8	92.0
-85°	0.0	0.7	2.3	5.4	9.7	15.3	22.1	29.2	37.2	46.0	55.7
-87.5°	0.0	0.4	1.1	2.7	4.9	7.7	11.1	14.7	18.7	23.1	27.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-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°	1.5	1.6	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6
85°	3.0	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
82.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
80°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
77.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
75°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
72.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
70°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	2.7
67.5°	3.3	3.3	3.3	3.4	3.3	3.3	3.3	3.3	3.3	2.6	1.7
65°	3.3	3.3	4.5	4.9	3.5	3.3	3.3	3.3	3.5	3.0	3.0
62.5°	4.8	5.9	7.4	11.5	8.6	3.3	6.5	7.5	5.1	4.1	4.5
60°	14.5	9.9	25.4	35.3	23.1	12.2	15.0	30.0	24.7	6.7	17.5
57.5°	29.2	36.0	64.1	67.3	51.7	35.0	76.6	84.9	70.4	44.3	63.7
55°	60.9	85.6	108.2	106.9	107.6	135.2	158.9	156.0	137.6	189.7	238.8
52.5°	115.3	140.9	155.9	169.8	208.4	234.1	241.4	256.1	310.0	374.5	386.2
50°	169.2	195.5	215.3	265.6	305.2	325.5	344.3	393.8	475.3	519.6	526.7
47.5°	223.7	253.2	305.1	360.2	398.4	429.1	461.9	574.1	665.1	702.8	716.5
45°	280.6	331.6	396.5	453.0	497.4	538.9	645.3	798.5	862.6	920.4	1067.5
42.5°	339.7	416.5	489.5	548.8	598.8	685.6	833.7	982.2	1073.9	1196.9	1374.6
40°	415.0	501.1	585.8	646.1	708.5	840.1	1023.5	1180.6	1277.6	1442.6	1645.1
37.5°	491.5	592.2	683.7	747.3	834.9	1013.0	1228.5	1416.6	1537.0	1671.3	1996.7
35°	567.1	685.1	779.0	864.2	972.6	1218.0	1483.5	1693.0	1841.7	2071.7	2483.5
32.5°	647.8	779.7	875.7	991.7	1169.8	1444.2	1770.4	2002.9	2249.5	2580.5	3240.2
30°	733.7	868.3	978.6	1118.1	1356.9	1677.1	2055.6	2347.8	2682.6	3220.2	3931.2
27.5°	819.4	956.5	1092.4	1269.8	1532.1	1878.0	2273.4	2734.1	3166.7	3767.8	4545.1
25°	901.7	1046.5	1204.1	1418.4	1702.0	2064.1	2495.7	3027.2	3591.8	4279.4	5192.0
22.5°	980.3	1137.8	1322.3	1552.6	1845.4	2240.8	2755.5	3379.7	4058.3	4770.5	5819.3
20°	1057.3	1239.8	1451.5	1709.3	1977.4	2403.8	3009.6	3765.5	4615.9	5591.6	6619.4
17.5°	1133.4	1340.5	1584.9	1871.5	2196.3	2632.6	3270.1	4170.0	5205.0	6474.9	7740.4
15°	1208.0	1439.3	1713.9	2031.7	2417.1	2938.6	3662.7	4651.8	5902.2	7422.9	8921.9
12.5°	1280.2	1535.0	1837.8	2188.2	2631.3	3226.7	4032.7	5099.7	6532.6	8349.3	10190.7
10°	1349.5	1627.0	1955.3	2339.2	2836.4	3494.8	4359.7	5487.2	7008.1	8880.4	10928.4
7.5°	1384.8	1689.2	2055.7	2482.8	3029.9	3740.8	4644.3	5814.8	7379.6	9307.5	11360.9
5°	1410.0	1717.7	2093.4	2540.2	3136.3	3908.2	4862.1	6082.5	7653.5	9628.8	11653.9
2.5°	1429.4	1738.1	2120.9	2572.6	3178.4	3963.9	4934.0	6175.9	7800.3	9796.5	11824.7
0°	1442.8	1750.6	2137.8	2591.1	3200.0	3990.9	4967.1	6214.7	7862.7	9835.0	11886.7
-2.5°	1457.0	1767.7	2155.6	2619.9	3230.4	4027.7	5003.7	6242.2	7909.5	9845.7	11920.3
-5°	1465.1	1776.9	2162.6	2633.8	3240.2	4034.6	5001.1	6216.0	7872.3	9768.4	11847.4
-7.5°	1467.4	1777.9	2158.7	2631.1	3227.7	4003.3	4948.2	6138.5	7743.9	9612.1	11668.5
-10°	1463.8	1770.1	2144.5	2607.2	3191.4	3938.3	4853.7	6004.1	7532.9	9353.9	11366.2
-12.5°	1453.1	1753.5	2119.0	2568.3	3132.9	3845.9	4720.5	5812.4	7240.0	8995.0	10940.0
-15°	1435.9	1728.9	2082.1	2514.3	3052.1	3727.0	4549.4	5563.6	6862.8	8538.7	10409.4
-17.5°	1412.3	1696.2	2033.8	2445.5	2949.0	3582.5	4342.5	5272.4	6456.1	8029.5	9819.4
-20°	1382.1	1655.5	1974.2	2362.0	2830.1	3430.4	4150.5	5014.5	6075.4	7446.5	9123.4



REPORT NUMBER: P628012 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-740-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°	1345.5	1606.9	1911.0	2282.0	2724.6	3272.4	3935.7	4722.2	5648.4	6772.6	8363.4
-25°	1307.9	1560.4	1849.6	2193.0	2604.1	3093.3	3690.1	4406.5	5245.4	6274.4	7589.6
-27.5°	1270.7	1506.9	1778.6	2090.3	2469.1	2908.6	3459.1	4112.3	4859.9	5734.9	6805.9
-30°	1228.8	1447.1	1700.3	1982.6	2339.6	2747.7	3223.5	3783.2	4447.9	5238.6	6169.7
-32.5°	1183.1	1383.0	1624.5	1889.5	2201.0	2572.5	2984.1	3490.2	4068.6	4720.9	5525.6
-35°	1137.6	1328.3	1546.8	1789.2	2052.2	2400.0	2778.2	3198.2	3690.1	4267.7	4911.3
-37.5°	1093.8	1268.6	1463.5	1689.5	1936.2	2225.0	2559.2	2938.4	3361.8	3821.3	4377.3
-40°	1045.1	1204.1	1388.5	1593.2	1811.5	2061.8	2363.1	2684.9	3049.4	3453.8	3883.2
-42.5°	992.0	1144.9	1313.2	1489.5	1689.8	1913.5	2163.3	2457.6	2760.5	3099.3	3474.1
-45°	940.0	1080.5	1234.5	1395.5	1563.9	1761.5	1988.5	2233.3	2501.8	2778.3	3093.1
-47.5°	885.3	1013.6	1156.9	1297.2	1446.5	1615.0	1807.6	2029.8	2253.7	2499.9	2744.0
-50°	830.6	950.9	1071.4	1202.3	1336.1	1476.3	1639.0	1830.8	2034.6	2238.8	2453.7
-52.5°	781.5	885.6	994.5	1106.9	1228.7	1353.5	1489.1	1647.1	1825.3	2005.2	2190.5
-55°	731.4	827.4	917.3	1018.0	1123.3	1235.7	1356.6	1489.6	1624.0	1788.0	1947.3
-57.5°	682.5	767.5	845.8	931.6	1025.3	1120.8	1229.7	1342.7	1464.8	1588.7	1719.1
-60°	633.4	705.7	776.6	850.9	929.5	1014.4	1102.1	1201.3	1306.1	1413.6	1526.7
-62.5°	582.7	641.3	703.8	771.8	841.0	906.3	979.8	1061.0	1147.3	1239.7	1335.5
-65°	525.9	574.5	626.7	685.8	750.8	803.5	859.8	920.8	992.2	1068.3	1143.5
-67.5°	465.2	508.3	550.9	594.8	647.4	694.6	740.9	789.5	842.8	905.0	965.4
-70°	397.7	440.7	478.2	514.6	548.0	581.7	621.0	659.3	702.3	758.1	813.0
-72.5°	329.0	369.3	404.9	435.7	459.3	479.4	503.5	531.3	572.6	624.4	672.8
-75°	266.1	298.6	331.9	361.5	376.7	382.8	387.8	402.4	444.2	497.3	544.3
-77.5°	207.3	235.6	262.7	288.5	299.2	303.4	305.5	305.4	336.2	381.4	429.0
-80°	152.7	172.3	195.3	217.4	224.0	225.9	226.2	224.8	250.0	282.6	317.4
-82.5°	106.1	120.2	134.9	149.9	151.9	150.9	148.7	146.6	166.9	190.4	214.5
-85°	61.8	67.8	76.7	85.9	86.9	86.5	84.9	82.3	93.6	106.4	119.9
-87.5°	30.9	33.9	36.9	39.9	38.8	37.3	35.2	32.8	36.0	39.3	42.7
-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: P628012 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-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°	2.7	2.1	1.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	3.3	2.5	1.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	3.3	2.5	1.7	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0
80°	3.3	2.6	1.8	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	3.3	2.7	1.8	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
75°	3.3	2.8	1.9	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	3.3	2.9	2.0	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.9	0.9	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.5	1.7	1.7	1.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0
65°	3.4	3.3	2.5	1.6	0.8	0.6	0.8	0.7	0.3	0.0	0.0
62.5°	4.3	4.1	2.9	2.8	3.0	3.3	2.7	2.3	2.2	2.4	2.7
60°	18.7	10.7	10.9	13.9	11.8	5.4	10.8	13.7	12.8	9.7	8.5
57.5°	95.0	79.5	55.6	93.1	95.9	66.8	72.5	94.6	91.7	70.9	70.6
55°	239.3	242.8	260.7	284.2	301.7	309.7	316.9	352.5	390.4	427.6	446.3
52.5°	395.3	441.6	499.1	537.2	563.7	618.2	694.5	729.5	763.6	802.3	830.3
50°	582.2	662.6	720.3	728.7	819.4	878.2	892.1	957.8	1029.4	1074.0	1105.9
47.5°	866.1	967.8	1018.1	1050.2	1160.6	1281.6	1281.7	1319.5	1498.7	1592.5	1637.6
45°	1247.5	1332.3	1421.3	1652.5	1865.0	1932.5	2076.8	2272.4	2399.5	2574.4	2766.6
42.5°	1572.3	1731.5	1954.4	2208.9	2422.0	2599.4	2813.9	3049.0	3331.2	3596.8	3825.9
40°	1893.8	2090.7	2366.8	2643.7	2912.0	3157.8	3503.5	3805.8	4138.8	4504.1	4808.5
37.5°	2313.1	2565.4	2850.6	3199.8	3617.4	3890.2	4365.7	4800.1	5175.3	5616.4	5888.1
35°	2957.3	3286.0	3538.6	4244.4	4752.4	5071.6	5634.5	6348.3	6622.4	7177.9	7441.4
32.5°	3767.2	4203.9	4868.7	5803.5	6481.8	7069.3	7910.8	8635.1	9252.5	9810.4	10390.7
30°	4677.2	5351.2	6331.1	7573.0	8262.1	9085.0	10222.9	11081.8	12050.0	13112.8	13485.1
27.5°	5503.0	6512.5	7650.2	8656.2	9645.9	10670.8	11788.9	12892.2	13940.2	14824.6	15418.1
25°	6268.4	7491.0	8596.6	9671.7	10744.1	11898.3	13162.9	14414.3	15567.5	16477.5	17169.3
22.5°	7057.8	8349.5	9532.3	10623.1	11870.6	13178.5	14523.3	15958.6	17271.1	18215.1	18968.9
20°	7800.1	9236.7	10585.8	11827.9	13007.1	14516.9	16065.5	17588.0	19017.1	20141.7	21010.8
17.5°	8978.3	10225.3	11874.3	13487.8	14816.2	16203.2	18272.5	19843.9	21429.9	22776.7	23698.0
15°	10425.1	11796.4	13499.2	15715.1	17535.2	19124.4	21262.2	23818.4	25689.1	27408.4	28587.9
12.5°	11873.2	13424.2	15266.0	17759.6	20351.1	22223.0	24816.5	28055.7	30234.6	32896.6	34208.9
10°	12983.0	14930.7	16827.4	19103.1	21591.8	24257.5	27053.3	30083.7	32995.1	35280.9	37324.2
7.5°	13429.9	15504.5	17700.2	20022.1	22510.6	25261.7	28241.5	31394.8	34391.1	36944.2	39189.7
5°	13763.9	15889.6	18099.7	20473.9	23134.2	26007.1	29031.3	32342.0	35401.9	38138.2	40435.5
2.5°	13976.1	16121.8	18322.4	20736.3	23534.1	26492.4	29613.8	33012.1	36118.0	38934.9	41224.8
0°	14057.6	16172.2	18425.7	20911.0	23680.8	26645.8	29902.1	33340.4	36470.9	39194.4	41550.6
-2.5°	14068.6	16125.3	18432.4	20905.6	23555.8	26548.7	29844.3	33253.9	36320.8	39033.3	41410.5
-5°	13958.2	16014.1	18323.3	20759.0	23412.9	26383.1	29537.3	32832.1	35757.1	38397.0	40685.8
-7.5°	13734.4	15784.5	18042.7	20422.6	23004.9	25886.1	28915.4	31978.6	34848.1	37380.1	39564.3
-10°	13402.2	15409.2	17589.2	19908.0	22351.5	25091.9	27980.6	30907.3	33598.2	35939.6	37959.4
-12.5°	12952.4	14913.1	16994.8	19208.6	21483.0	24095.8	26823.2	29571.6	32024.3	34161.9	35974.2
-15°	12368.2	14283.1	16298.9	18392.4	20598.1	22960.8	25408.6	27929.5	30191.6	32087.2	33742.9
-17.5°	11680.0	13537.2	15451.6	17392.3	19485.1	21701.8	23974.1	26237.1	28166.3	29850.4	31364.3
-20°	10912.7	12702.2	14520.6	16329.8	18228.5	20278.7	22377.3	24365.1	26051.1	27581.2	28966.5



REPORT NUMBER: P628012 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-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°	10052.5	11765.4	13508.3	15201.4	16913.6	18770.0	20644.1	22441.7	24018.8	25327.8	26531.6
-25°	9131.7	10714.3	12360.1	13947.6	15523.6	17187.1	18889.4	20543.3	21931.2	23067.7	24062.5
-27.5°	8203.8	9650.0	11100.1	12594.6	14051.2	15586.3	17127.5	18556.0	19802.1	20848.5	21684.4
-30°	7228.5	8521.4	9845.6	11197.8	12588.7	13993.5	15386.1	16636.9	17724.6	18645.0	19367.4
-32.5°	6417.9	7400.1	8569.2	9796.8	11100.6	12380.6	13591.9	14732.0	15757.0	16560.6	17173.3
-35°	5641.0	6472.8	7348.4	8434.9	9555.1	10732.9	11847.2	12864.8	13778.5	14480.6	15057.0
-37.5°	4973.2	5631.0	6371.4	7147.1	8086.3	9060.0	10065.7	11022.6	11837.4	12450.0	12964.7
-40°	4395.1	4914.4	5506.1	6121.0	6812.0	7511.6	8387.2	9194.8	9859.8	10432.4	10898.9
-42.5°	3872.5	4310.8	4747.7	5252.1	5773.5	6335.8	6950.3	7547.7	8058.0	8537.3	8933.4
-45°	3421.4	3771.5	4119.8	4509.3	4892.1	5349.4	5788.4	6180.2	6593.6	6952.4	7234.8
-47.5°	3026.9	3299.9	3598.4	3890.0	4197.3	4541.8	4868.5	5166.5	5469.4	5731.9	5942.3
-50°	2676.3	2902.5	3146.3	3375.4	3624.0	3875.9	4117.6	4354.7	4584.7	4784.3	4939.7
-52.5°	2369.5	2567.1	2757.0	2939.5	3137.2	3323.6	3498.6	3694.2	3874.2	4031.5	4137.8
-55°	2108.1	2269.6	2425.2	2577.6	2727.1	2868.4	3007.8	3159.8	3298.7	3423.7	3502.8
-57.5°	1862.8	2000.2	2132.0	2256.4	2375.1	2487.4	2604.8	2721.7	2828.7	2923.0	2984.2
-60°	1639.5	1751.8	1865.8	1967.3	2063.0	2152.8	2251.7	2345.2	2431.5	2504.1	2546.5
-62.5°	1435.1	1535.8	1619.9	1700.2	1781.6	1862.5	1932.7	2001.7	2068.4	2124.6	2161.5
-65°	1221.3	1306.6	1378.2	1442.8	1501.0	1563.7	1623.6	1677.7	1725.9	1762.4	1785.8
-67.5°	1030.0	1092.8	1150.2	1201.5	1253.5	1303.7	1349.7	1390.8	1427.0	1452.5	1469.3
-70°	863.8	911.8	958.7	1005.3	1051.7	1090.8	1124.2	1154.9	1182.8	1194.4	1199.5
-72.5°	717.8	760.4	801.6	842.8	881.3	911.8	936.4	958.9	979.2	961.8	931.2
-75°	585.4	622.9	661.4	697.7	731.7	755.1	773.3	790.1	805.3	767.5	715.4
-77.5°	477.0	510.0	538.5	566.8	594.8	609.7	621.3	632.7	643.6	601.3	547.9
-80°	353.9	380.5	404.7	428.5	451.9	460.7	465.9	469.4	471.3	435.2	393.3
-82.5°	239.1	252.9	266.2	280.1	294.3	301.7	307.3	311.6	314.7	289.0	260.2
-85°	134.0	138.2	141.4	144.2	146.5	151.2	155.6	159.7	163.5	151.3	137.9
-87.5°	46.1	46.1	45.9	45.5	45.0	45.1	45.1	44.9	44.7	42.8	40.7
-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: P628012 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-740-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	0.3	0.7
62.5°	3.0	3.2	3.3	3.3	3.3	3.2	3.0	2.7	2.4	2.2	2.3
60°	6.5	4.0	3.3	3.3	3.3	4.0	6.5	8.5	9.7	12.8	13.7
57.5°	65.9	57.4	51.5	46.3	51.5	57.4	65.9	70.6	70.9	91.7	94.6
55°	438.2	408.1	371.1	327.6	371.1	408.1	438.2	446.3	427.6	390.4	352.5
52.5°	859.8	888.4	904.9	903.4	904.9	888.4	859.8	830.3	802.3	763.6	729.5
50°	1131.6	1147.2	1148.0	1135.1	1148.0	1147.2	1131.6	1105.9	1074.0	1029.4	957.8
47.5°	1658.0	1636.2	1598.9	1558.6	1598.9	1636.2	1658.0	1637.6	1592.5	1498.7	1319.5
45°	2893.2	2962.9	2958.3	2869.1	2958.3	2962.9	2893.2	2766.6	2574.4	2399.5	2272.4
42.5°	3953.8	4058.2	4132.1	4169.6	4132.1	4058.2	3953.8	3825.9	3596.8	3331.2	3049.0
40°	4980.0	5080.8	5125.2	5122.7	5125.2	5080.8	4980.0	4808.5	4504.1	4138.8	3805.8
37.5°	6064.4	6194.8	6258.1	6228.0	6258.1	6194.8	6064.4	5888.1	5616.4	5175.3	4800.1
35°	7555.5	7677.6	7679.9	7617.8	7679.9	7677.6	7555.5	7441.4	7177.9	6622.4	6348.3
32.5°	10851.4	10892.3	10578.4	10467.1	10578.4	10892.3	10851.4	10390.7	9810.4	9252.5	8635.1
30°	13855.6	14145.3	14414.7	14550.6	14414.7	14145.3	13855.6	13485.1	13112.8	12050.0	11081.8
27.5°	15865.5	16213.8	16429.8	16443.5	16429.8	16213.8	15865.5	15418.1	14824.6	13940.2	12892.2
25°	17693.5	18083.2	18318.6	18399.3	18318.6	18083.2	17693.5	17169.3	16477.5	15567.5	14414.3
22.5°	19608.6	20067.9	20372.2	20434.4	20372.2	20067.9	19608.6	18968.9	18215.1	17271.1	15958.6
20°	21830.7	22365.2	22656.9	22645.0	22656.9	22365.2	21830.7	21010.8	20141.7	19017.1	17588.0
17.5°	24756.1	25329.3	25581.2	25471.1	25581.2	25329.3	24756.1	23698.0	22776.7	21429.9	19843.9
15°	29798.6	30997.7	30992.9	30514.3	30992.9	30997.7	29798.6	28587.9	27408.4	25689.1	23818.4
12.5°	36018.5	36912.2	37829.2	38026.3	37829.2	36912.2	36018.5	34208.9	32896.6	30234.6	28055.7
10°	39045.1	40232.0	41015.3	40994.6	41015.3	40232.0	39045.1	37324.2	35280.9	32995.1	30083.7
7.5°	40938.7	42249.9	43199.1	43178.7	43199.1	42249.9	40938.7	39189.7	36944.2	34391.1	31394.8
5°	42399.9	43854.2	44695.0	44757.2	44695.0	43854.2	42399.9	40435.5	38138.2	35401.9	32342.0
2.5°	43159.1	44677.0	45687.8	45554.7	45687.8	44677.0	43159.1	41224.8	38934.9	36118.0	33012.1
0°	43476.5	44978.9	45922.1	46329.1	45922.1	44978.9	43476.5	41550.6	39194.4	36470.9	33340.4
-2.5°	43337.9	44799.8	45842.1	45882.3	45842.1	44799.8	43337.9	41410.5	39033.3	36320.8	33253.9
-5°	42595.3	44138.0	44836.3	45207.3	44836.3	44138.0	42595.3	40685.8	38397.0	35757.1	32832.1
-7.5°	41397.9	42553.9	43440.9	43850.5	43440.9	42553.9	41397.9	39564.3	37380.1	34848.1	31978.6
-10°	39534.1	40731.0	41480.5	41818.6	41480.5	40731.0	39534.1	37959.4	35939.6	33598.2	30907.3
-12.5°	37469.5	38557.2	39269.8	39555.1	39269.8	38557.2	37469.5	35974.2	34161.9	32024.3	29571.6
-15°	35166.0	36153.6	36809.5	37083.1	36809.5	36153.6	35166.0	33742.9	32087.2	30191.6	27929.5
-17.5°	32630.3	33495.7	34149.3	34346.4	34149.3	33495.7	32630.3	31364.3	29850.4	28166.3	26237.1
-20°	30022.9	30805.2	31343.5	31460.8	31343.5	30805.2	30022.9	28966.5	27581.2	26051.1	24365.1



REPORT NUMBER: P628012 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-740-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°	27395.7	28040.2	28477.5	28624.8	28477.5	28040.2	27395.7	26531.6	25327.8	24018.8	22441.7
-25°	24828.3	25384.5	25736.4	25868.2	25736.4	25384.5	24828.3	24062.5	23067.7	21931.2	20543.3
-27.5°	22358.9	22877.4	23200.8	23244.0	23200.8	22877.4	22358.9	21684.4	20848.5	19802.1	18556.0
-30°	19929.2	20357.6	20606.8	20712.4	20606.8	20357.6	19929.2	19367.4	18645.0	17724.6	16636.9
-32.5°	17658.6	18032.8	18256.7	18316.5	18256.7	18032.8	17658.6	17173.3	16560.6	15757.0	14732.0
-35°	15515.1	15860.6	16059.1	16043.1	16059.1	15860.6	15515.1	15057.0	14480.6	13778.5	12864.8
-37.5°	13390.2	13709.0	13889.1	13872.3	13889.1	13709.0	13390.2	12964.7	12450.0	11837.4	11022.6
-40°	11282.3	11557.4	11715.9	11754.4	11715.9	11557.4	11282.3	10898.9	10432.4	9859.8	9194.8
-42.5°	9262.7	9516.6	9643.4	9593.4	9643.4	9516.6	9262.7	8933.4	8537.3	8058.0	7547.7
-45°	7432.4	7563.7	7650.1	7703.9	7650.1	7563.7	7432.4	7234.8	6952.4	6593.6	6180.2
-47.5°	6096.4	6205.2	6264.0	6274.3	6264.0	6205.2	6096.4	5942.3	5731.9	5469.4	5166.5
-50°	5060.4	5153.1	5193.9	5182.2	5193.9	5153.1	5060.4	4939.7	4784.3	4584.7	4354.7
-52.5°	4214.3	4268.0	4304.2	4321.8	4304.2	4268.0	4214.3	4137.8	4031.5	3874.2	3694.2
-55°	3562.3	3604.1	3628.5	3636.8	3628.5	3604.1	3562.3	3502.8	3423.7	3298.7	3159.8
-57.5°	3035.1	3074.9	3089.4	3084.2	3089.4	3074.9	3035.1	2984.2	2923.0	2828.7	2721.7
-60°	2579.0	2601.7	2618.8	2627.5	2618.8	2601.7	2579.0	2546.5	2504.1	2431.5	2345.2
-62.5°	2190.9	2212.2	2230.0	2240.3	2230.0	2212.2	2190.9	2161.5	2124.6	2068.4	2001.7
-65°	1802.1	1811.6	1814.2	1810.1	1814.2	1811.6	1802.1	1785.8	1762.4	1725.9	1677.7
-67.5°	1481.7	1489.6	1495.0	1495.8	1495.0	1489.6	1481.7	1469.3	1452.5	1427.0	1390.8
-70°	1204.6	1207.9	1204.0	1194.6	1204.0	1207.9	1204.6	1199.5	1194.4	1182.8	1154.9
-72.5°	899.8	866.8	834.0	797.5	834.0	866.8	899.8	931.2	961.8	979.2	958.9
-75°	661.5	605.7	585.5	565.9	585.5	605.7	661.5	715.4	767.5	805.3	790.1
-77.5°	492.0	433.9	418.4	403.7	418.4	433.9	492.0	547.9	601.3	643.6	632.7
-80°	349.6	304.2	294.3	284.6	294.3	304.2	349.6	393.3	435.2	471.3	469.4
-82.5°	229.8	198.1	191.8	185.3	191.8	198.1	229.8	260.2	289.0	314.7	311.6
-85°	123.6	108.8	105.8	102.6	105.8	108.8	123.6	137.9	151.3	163.5	159.7
-87.5°	38.5	36.3	36.4	36.4	36.4	36.3	38.5	40.7	42.8	44.7	44.9
-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: P628012 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-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	0.7	1.4	2.1	2.7	2.6	2.5	2.4	2.3
85°	0.0	0.0	0.0	0.9	1.7	2.5	3.3	3.3	3.3	3.3	3.3
82.5°	0.0	0.0	0.1	0.9	1.7	2.5	3.3	3.3	3.3	3.3	3.3
80°	0.0	0.0	0.1	0.9	1.8	2.6	3.3	3.3	3.3	3.3	3.3
77.5°	0.0	0.0	0.2	1.0	1.8	2.7	3.3	3.3	3.3	3.3	3.3
75°	0.0	0.0	0.3	1.1	1.9	2.8	3.3	3.3	3.3	3.3	3.3
72.5°	0.0	0.0	0.2	1.0	2.0	2.9	3.3	3.3	3.3	3.3	3.3
70°	0.0	0.0	0.1	0.1	0.2	0.9	1.9	2.7	3.2	3.3	3.3
67.5°	0.0	0.0	0.6	1.4	1.7	1.7	1.5	1.7	2.6	3.3	3.3
65°	0.8	0.6	0.8	1.6	2.5	3.3	3.4	3.0	3.0	3.5	3.3
62.5°	2.7	3.3	3.0	2.8	2.9	4.1	4.3	4.5	4.1	5.1	7.5
60°	10.8	5.4	11.8	13.9	10.9	10.7	18.7	17.5	6.7	24.7	30.0
57.5°	72.5	66.8	95.9	93.1	55.6	79.5	95.0	63.7	44.3	70.4	84.9
55°	316.9	309.7	301.7	284.2	260.7	242.8	239.3	238.8	189.7	137.6	156.0
52.5°	694.5	618.2	563.7	537.2	499.1	441.6	395.3	386.2	374.5	310.0	256.1
50°	892.1	878.2	819.4	728.7	720.3	662.6	582.2	526.7	519.6	475.3	393.8
47.5°	1281.7	1281.6	1160.6	1050.2	1018.1	967.8	866.1	716.5	702.8	665.1	574.1
45°	2076.8	1932.5	1865.0	1652.5	1421.3	1332.3	1247.5	1067.5	920.4	862.6	798.5
42.5°	2813.9	2599.4	2422.0	2208.9	1954.4	1731.5	1572.3	1374.6	1196.9	1073.9	982.2
40°	3503.5	3157.8	2912.0	2643.7	2366.8	2090.7	1893.8	1645.1	1442.6	1277.6	1180.6
37.5°	4365.7	3890.2	3617.4	3199.8	2850.6	2565.4	2313.1	1996.7	1671.3	1537.0	1416.6
35°	5634.5	5071.6	4752.4	4244.4	3538.6	3286.0	2957.3	2483.5	2071.7	1841.7	1693.0
32.5°	7910.8	7069.3	6481.8	5803.5	4868.7	4203.9	3767.2	3240.2	2580.5	2249.5	2002.9
30°	10222.9	9085.0	8262.1	7573.0	6331.1	5351.2	4677.2	3931.2	3220.2	2682.6	2347.8
27.5°	11788.9	10670.8	9645.9	8656.2	7650.2	6512.5	5503.0	4545.1	3767.8	3166.7	2734.1
25°	13162.9	11898.3	10744.1	9671.7	8596.6	7491.0	6268.4	5192.0	4279.4	3591.8	3027.2
22.5°	14523.3	13178.5	11870.6	10623.1	9532.3	8349.5	7057.8	5819.3	4770.5	4058.3	3379.7
20°	16065.5	14516.9	13007.1	11827.9	10585.8	9236.7	7800.1	6619.4	5591.6	4615.9	3765.5
17.5°	18272.5	16203.2	14816.2	13487.8	11874.3	10225.3	8978.3	7740.4	6474.9	5205.0	4170.0
15°	21262.2	19124.4	17535.2	15715.1	13499.2	11796.4	10425.1	8921.9	7422.9	5902.2	4651.8
12.5°	24816.5	22223.0	20351.1	17759.6	15266.0	13424.2	11873.2	10190.7	8349.3	6532.6	5099.7
10°	27053.3	24257.5	21591.8	19103.1	16827.4	14930.7	12983.0	10928.4	8880.4	7008.1	5487.2
7.5°	28241.5	25261.7	22510.6	20022.1	17700.2	15504.5	13429.9	11360.9	9307.5	7379.6	5814.8
5°	29031.3	26007.1	23134.2	20473.9	18099.7	15889.6	13763.9	11653.9	9628.8	7653.5	6082.5
2.5°	29613.8	26492.4	23534.1	20736.3	18322.4	16121.8	13976.1	11824.7	9796.5	7800.3	6175.9
0°	29902.1	26645.8	23680.8	20911.0	18425.7	16172.2	14057.6	11886.7	9835.0	7862.7	6214.7
-2.5°	29844.3	26548.7	23555.8	20905.6	18432.4	16125.3	14068.6	11920.3	9845.7	7909.5	6242.2
-5°	29537.3	26383.1	23412.9	20759.0	18323.3	16014.1	13958.2	11847.4	9768.4	7872.3	6216.0
-7.5°	28915.4	25886.1	23004.9	20422.6	18042.7	15784.5	13734.4	11668.5	9612.1	7743.9	6138.5
-10°	27980.6	25091.9	22351.5	19908.0	17589.2	15409.2	13402.2	11366.2	9353.9	7532.9	6004.1
-12.5°	26823.2	24095.8	21483.0	19208.6	16994.8	14913.1	12952.4	10940.0	8995.0	7240.0	5812.4
-15°	25408.6	22960.8	20598.1	18392.4	16298.9	14283.1	12368.2	10409.4	8538.7	6862.8	5563.6
-17.5°	23974.1	21701.8	19485.1	17392.3	15451.6	13537.2	11680.0	9819.4	8029.5	6456.1	5272.4
-20°	22377.3	20278.7	18228.5	16329.8	14520.6	12702.2	10912.7	9123.4	7446.5	6075.4	5014.5



REPORT NUMBER: P628012 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-740-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°	20644.1	18770.0	16913.6	15201.4	13508.3	11765.4	10052.5	8363.4	6772.6	5648.4	4722.2
-25°	18889.4	17187.1	15523.6	13947.6	12360.1	10714.3	9131.7	7589.6	6274.4	5245.4	4406.5
-27.5°	17127.5	15586.3	14051.2	12594.6	11100.1	9650.0	8203.8	6805.9	5734.9	4859.9	4112.3
-30°	15386.1	13993.5	12588.7	11197.8	9845.6	8521.4	7228.5	6169.7	5238.6	4447.9	3783.2
-32.5°	13591.9	12380.6	11100.6	9796.8	8569.2	7400.1	6417.9	5525.6	4720.9	4068.6	3490.2
-35°	11847.2	10732.9	9555.1	8434.9	7348.4	6472.8	5641.0	4911.3	4267.7	3690.1	3198.2
-37.5°	10065.7	9060.0	8086.3	7147.1	6371.4	5631.0	4973.2	4377.3	3821.3	3361.8	2938.4
-40°	8387.2	7511.6	6812.0	6121.0	5506.1	4914.4	4395.1	3883.2	3453.8	3049.4	2684.9
-42.5°	6950.3	6335.8	5773.5	5252.1	4747.7	4310.8	3872.5	3474.1	3099.3	2760.5	2457.6
-45°	5788.4	5349.4	4892.1	4509.3	4119.8	3771.5	3421.4	3093.1	2778.3	2501.8	2233.3
-47.5°	4868.5	4541.8	4197.3	3890.0	3598.4	3299.9	3026.9	2744.0	2499.9	2253.7	2029.8
-50°	4117.6	3875.9	3624.0	3375.4	3146.3	2902.5	2676.3	2453.7	2238.8	2034.6	1830.8
-52.5°	3498.6	3323.6	3137.2	2939.5	2757.0	2567.1	2369.5	2190.5	2005.2	1825.3	1647.1
-55°	3007.8	2868.4	2727.1	2577.6	2425.2	2269.6	2108.1	1947.3	1788.0	1624.0	1489.6
-57.5°	2604.8	2487.4	2375.1	2256.4	2132.0	2000.2	1862.8	1719.1	1588.7	1464.8	1342.7
-60°	2251.7	2152.8	2063.0	1967.3	1865.8	1751.8	1639.5	1526.7	1413.6	1306.1	1201.3
-62.5°	1932.7	1862.5	1781.6	1700.2	1619.9	1535.8	1435.1	1335.5	1239.7	1147.3	1061.0
-65°	1623.6	1563.7	1501.0	1442.8	1378.2	1306.6	1221.3	1143.5	1068.3	992.2	920.8
-67.5°	1349.7	1303.7	1253.5	1201.5	1150.2	1092.8	1030.0	965.4	905.0	842.8	789.5
-70°	1124.2	1090.8	1051.7	1005.3	958.7	911.8	863.8	813.0	758.1	702.3	659.3
-72.5°	936.4	911.8	881.3	842.8	801.6	760.4	717.8	672.8	624.4	572.6	531.3
-75°	773.3	755.1	731.7	697.7	661.4	622.9	585.4	544.3	497.3	444.2	402.4
-77.5°	621.3	609.7	594.8	566.8	538.5	510.0	477.0	429.0	381.4	336.2	305.4
-80°	465.9	460.7	451.9	428.5	404.7	380.5	353.9	317.4	282.6	250.0	224.8
-82.5°	307.3	301.7	294.3	280.1	266.2	252.9	239.1	214.5	190.4	166.9	146.6
-85°	155.6	151.2	146.5	144.2	141.4	138.2	134.0	119.9	106.4	93.6	82.3
-87.5°	45.1	45.1	45.0	45.5	45.9	46.1	46.1	42.7	39.3	36.0	32.8
-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: P628012 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-740-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°	2.2	2.1	2.0	1.9	1.8	1.6	1.5	1.4	1.3	1.1	1.0
85°	3.3	3.3	3.3	3.3	3.3	3.3	3.0	2.8	2.5	2.3	2.0
82.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.0
80°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
77.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
75°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
72.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
70°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.6	3.3	3.3	3.3
67.5°	3.3	3.3	3.3	3.4	3.3	3.3	3.3	4.1	4.3	3.3	3.3
65°	3.3	3.3	3.5	4.9	4.5	3.3	3.3	6.4	5.4	4.7	3.3
62.5°	6.5	3.3	8.6	11.5	7.4	5.9	4.8	13.8	8.9	6.3	4.5
60°	15.0	12.2	23.1	35.3	25.4	9.9	14.5	23.7	21.9	7.9	6.2
57.5°	76.6	35.0	51.7	67.3	64.1	36.0	29.2	40.5	36.9	21.5	8.5
55°	158.9	135.2	107.6	106.9	108.2	85.6	60.9	62.9	55.7	39.5	12.6
52.5°	241.4	234.1	208.4	169.8	155.9	140.9	115.3	89.1	82.6	59.0	31.1
50°	344.3	325.5	305.2	265.6	215.3	195.5	169.2	136.0	112.5	82.5	51.5
47.5°	461.9	429.1	398.4	360.2	305.1	253.2	223.7	184.5	145.3	113.3	72.0
45°	645.3	538.9	497.4	453.0	396.5	331.6	280.6	232.4	188.3	144.3	92.7
42.5°	833.7	685.6	598.8	548.8	489.5	416.5	339.7	285.6	230.7	175.2	117.2
40°	1023.5	840.1	708.5	646.1	585.8	501.1	415.0	341.1	272.1	207.2	143.9
37.5°	1228.5	1013.0	834.9	747.3	683.7	592.2	491.5	397.9	314.7	241.9	170.3
35°	1483.5	1218.0	972.6	864.2	779.0	685.1	567.1	459.6	365.5	276.8	196.4
32.5°	1770.4	1444.2	1169.8	991.7	875.7	779.7	647.8	529.0	417.7	311.8	221.9
30°	2055.6	1677.1	1356.9	1118.1	978.6	868.3	733.7	599.0	471.0	346.6	247.9
27.5°	2273.4	1878.0	1532.1	1269.8	1092.4	956.5	819.4	669.2	525.3	385.0	276.4
25°	2495.7	2064.1	1702.0	1418.4	1204.1	1046.5	901.7	739.5	582.9	429.1	304.2
22.5°	2755.5	2240.8	1845.4	1552.6	1322.3	1137.8	980.3	810.7	641.3	472.8	331.3
20°	3009.6	2403.8	1977.4	1709.3	1451.5	1239.8	1057.3	878.6	698.4	515.8	357.5
17.5°	3270.1	2632.6	2196.3	1871.5	1584.9	1340.5	1133.4	942.9	753.8	557.7	382.6
15°	3662.7	2938.6	2417.1	2031.7	1713.9	1439.3	1208.0	1003.6	807.3	598.1	405.0
12.5°	4032.7	3226.7	2631.3	2188.2	1837.8	1535.0	1280.2	1060.3	858.3	631.7	423.7
10°	4359.7	3494.8	2836.4	2339.2	1955.3	1627.0	1349.5	1105.0	888.5	658.5	440.4
7.5°	4644.3	3740.8	3029.9	2482.8	2055.7	1689.2	1384.8	1128.3	911.4	682.0	455.0
5°	4862.1	3908.2	3136.3	2540.2	2093.4	1717.7	1410.0	1147.2	929.7	702.1	467.6
2.5°	4934.0	3963.9	3178.4	2572.6	2120.9	1738.1	1429.4	1161.6	943.5	718.6	478.1
0°	4967.1	3990.9	3200.0	2591.1	2137.8	1750.6	1442.8	1171.5	953.1	731.3	486.5
-2.5°	5003.7	4027.7	3230.4	2619.9	2155.6	1767.7	1457.0	1187.0	966.9	745.6	500.5
-5°	5001.1	4034.6	3240.2	2633.8	2162.6	1776.9	1465.1	1198.0	976.8	756.1	512.2
-7.5°	4948.2	4003.3	3227.7	2631.1	2158.7	1777.9	1467.4	1204.6	982.9	762.7	521.4
-10°	4853.7	3938.3	3191.4	2607.2	2144.5	1770.1	1463.8	1206.6	985.3	765.6	528.0
-12.5°	4720.5	3845.9	3132.9	2568.3	2119.0	1753.5	1453.1	1200.9	983.8	764.7	531.7
-15°	4549.4	3727.0	3052.1	2514.3	2082.1	1728.9	1435.9	1189.3	975.2	759.1	532.4
-17.5°	4342.5	3582.5	2949.0	2445.5	2033.8	1696.2	1412.3	1173.2	963.6	749.3	531.4
-20°	4150.5	3430.4	2830.1	2362.0	1974.2	1655.5	1382.1	1152.6	949.1	737.0	528.9



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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°	3935.7	3272.4	2724.6	2282.0	1911.0	1606.9	1345.5	1127.6	931.8	722.5	524.1
-25°	3690.1	3093.3	2604.1	2193.0	1849.6	1560.4	1307.9	1098.2	912.0	705.9	517.1
-27.5°	3459.1	2908.6	2469.1	2090.3	1778.6	1506.9	1270.7	1071.1	889.0	687.5	508.0
-30°	3223.5	2747.7	2339.6	1982.6	1700.3	1447.1	1228.8	1041.9	863.2	671.3	496.7
-32.5°	2984.1	2572.5	2201.0	1889.5	1624.5	1383.0	1183.1	1010.7	836.3	655.3	487.4
-35°	2778.2	2400.0	2052.2	1789.2	1546.8	1328.3	1137.6	977.5	808.4	637.1	477.2
-37.5°	2559.2	2225.0	1936.2	1689.5	1463.5	1268.6	1093.8	938.5	779.8	616.9	464.9
-40°	2363.1	2061.8	1811.5	1593.2	1388.5	1204.1	1045.1	896.8	753.0	594.6	450.5
-42.5°	2163.3	1913.5	1689.8	1489.5	1313.2	1144.9	992.0	852.4	718.4	573.9	434.1
-45°	1988.5	1761.5	1563.9	1395.5	1234.5	1080.5	940.0	806.3	681.2	552.7	417.0
-47.5°	1807.6	1615.0	1446.5	1297.2	1156.9	1013.6	885.3	763.6	642.8	529.0	399.5
-50°	1639.0	1476.3	1336.1	1202.3	1071.4	950.9	830.6	719.6	607.8	497.9	379.8
-52.5°	1489.1	1353.5	1228.7	1106.9	994.5	885.6	781.5	674.9	571.3	466.9	358.0
-55°	1356.6	1235.7	1123.3	1018.0	917.3	827.4	731.4	632.8	533.2	435.1	334.7
-57.5°	1229.7	1120.8	1025.3	931.6	845.8	767.5	682.5	589.3	494.8	401.6	313.9
-60°	1102.1	1014.4	929.5	850.9	776.6	705.7	633.4	544.3	455.1	367.1	288.9
-62.5°	979.8	906.3	841.0	771.8	703.8	641.3	582.7	497.9	413.7	333.1	261.1
-65°	859.8	803.5	750.8	685.8	626.7	574.5	525.9	449.8	370.1	296.8	232.1
-67.5°	740.9	694.6	647.4	594.8	550.9	508.3	465.2	396.4	323.9	258.6	202.8
-70°	621.0	581.7	548.0	514.6	478.2	440.7	397.7	338.9	275.5	222.4	172.5
-72.5°	503.5	479.4	459.3	435.7	404.9	369.3	329.0	281.0	231.8	185.2	141.2
-75°	387.8	382.8	376.7	361.5	331.9	298.6	266.1	229.3	187.0	146.9	115.0
-77.5°	305.5	303.4	299.2	288.5	262.7	235.6	207.3	176.4	144.3	116.6	90.4
-80°	226.2	225.9	224.0	217.4	195.3	172.3	152.7	132.9	109.3	86.7	65.3
-82.5°	148.7	150.9	151.9	149.9	134.9	120.2	106.1	92.0	73.8	56.4	43.6
-85°	84.9	86.5	86.9	85.9	76.7	67.8	61.8	55.7	46.0	37.2	29.2
-87.5°	35.2	37.3	38.8	39.9	36.9	33.9	30.9	27.9	23.1	18.7	14.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
85°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
82.5°	2.6	2.1	1.7	1.3	0.9	0.4	0.0
80°	3.3	2.8	2.3	1.7	1.1	0.6	0.0
77.5°	3.3	3.3	2.8	2.1	1.4	0.7	0.0
75°	3.3	3.3	3.3	2.6	1.7	0.9	0.0
72.5°	3.3	3.3	3.3	3.0	2.0	1.0	0.0
70°	3.3	3.3	3.3	3.3	2.3	1.1	0.0
67.5°	3.6	3.3	3.3	3.3	2.5	1.3	0.0
65°	4.0	3.7	3.3	3.3	2.8	1.4	0.0
62.5°	4.5	4.4	3.3	3.3	3.0	1.5	0.0
60°	5.2	5.3	3.3	3.3	3.3	1.6	0.0
57.5°	8.9	6.2	4.2	3.3	3.3	1.8	0.0
55°	13.7	7.3	5.2	3.3	3.4	1.9	0.0
52.5°	19.1	9.1	6.3	3.3	3.4	2.0	0.0
50°	25.3	14.9	7.4	3.3	3.5	2.1	0.0
47.5°	33.7	21.0	8.5	3.5	3.6	2.2	0.0
45°	51.6	27.5	9.7	4.4	3.7	2.3	0.0
42.5°	69.4	34.4	11.0	5.4	3.8	2.4	0.0
40°	87.2	41.7	14.4	6.5	3.9	2.5	0.0
37.5°	104.8	49.3	20.1	7.9	4.1	2.6	0.0
35°	122.3	61.2	25.8	9.5	4.2	2.7	0.0
32.5°	140.8	75.0	31.6	11.2	4.3	2.8	0.0
30°	161.5	88.5	37.4	12.9	4.5	2.9	0.0
27.5°	181.5	101.5	44.1	14.8	4.7	2.9	0.0
25°	200.9	114.1	50.8	16.8	4.8	3.0	0.0
22.5°	219.4	126.4	57.3	18.8	5.0	3.0	0.0
20°	237.1	138.3	63.6	20.9	5.2	3.1	0.0
17.5°	253.4	149.5	69.6	23.0	5.4	3.1	0.0
15°	268.4	160.0	75.4	25.1	5.6	3.2	0.0
12.5°	282.2	169.7	80.9	27.2	5.8	3.2	0.0
10°	294.7	178.5	86.1	29.2	5.9	3.2	0.0
7.5°	305.8	186.6	90.8	31.2	6.1	3.3	0.0
5°	315.6	193.7	95.2	33.0	6.3	3.3	0.0
2.5°	324.0	199.9	99.1	34.8	6.4	3.3	0.0
0°	330.9	205.2	102.6	36.4	6.6	3.3	0.0
-2.5°	339.9	211.7	107.3	38.7	7.6	3.5	0.0
-5°	347.4	217.1	111.4	40.8	8.6	3.7	0.0
-7.5°	353.3	221.5	115.0	42.7	9.5	3.9	0.0
-10°	357.5	224.7	117.8	44.4	10.5	4.1	0.0
-12.5°	360.0	226.9	120.0	45.8	11.3	4.3	0.0
-15°	360.7	227.9	121.4	47.0	12.2	4.4	0.0
-17.5°	359.7	227.8	122.1	47.9	12.9	4.6	0.0
-20°	358.7	226.5	121.9	48.5	13.6	4.7	0.0

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CATALOG NUMBER: GFLD-SA6E-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	358.8	224.0	121.0	48.8	14.2	4.8	0.0
-25°	357.2	223.2	119.1	48.8	14.7	4.9	0.0
-27.5°	353.8	222.3	116.3	48.4	15.2	5.0	0.0
-30°	348.6	219.9	113.0	47.8	15.5	5.0	0.0
-32.5°	341.6	216.1	111.6	46.8	15.8	5.0	0.0
-35°	334.9	210.9	109.2	45.4	16.0	5.0	0.0
-37.5°	327.3	205.3	106.0	43.7	16.0	5.0	0.0
-40°	317.9	200.3	101.8	41.6	16.0	5.0	0.0
-42.5°	306.6	194.0	98.7	39.7	15.8	4.9	0.0
-45°	293.6	186.4	96.8	38.2	15.6	4.8	0.0
-47.5°	278.8	177.6	93.9	36.1	15.2	4.7	0.0
-50°	265.8	167.6	89.9	35.5	14.7	4.6	0.0
-52.5°	251.8	156.3	85.0	35.0	14.2	4.4	0.0
-55°	236.3	147.1	79.1	34.0	13.5	4.2	0.0
-57.5°	219.3	137.2	72.3	32.7	12.7	4.0	0.0
-60°	201.1	125.8	64.8	30.9	11.9	3.8	0.0
-62.5°	183.5	113.2	60.3	28.7	11.2	3.6	0.0
-65°	164.2	99.3	55.2	26.1	10.4	3.3	0.0
-67.5°	143.2	86.9	49.3	23.2	9.5	3.0	0.0
-70°	120.7	76.2	42.9	20.0	8.6	2.7	0.0
-72.5°	102.6	64.7	36.0	17.7	7.7	2.4	0.0
-75°	84.2	52.4	28.5	15.4	6.7	2.1	0.0
-77.5°	64.9	39.5	23.6	13.0	5.6	1.8	0.0
-80°	44.8	30.2	19.1	10.6	4.5	1.4	0.0
-82.5°	33.0	22.8	14.5	8.0	3.4	1.1	0.0
-85°	22.1	15.3	9.7	5.4	2.3	0.7	0.0
-87.5°	11.1	7.7	4.9	2.7	1.1	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)