

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: P627982 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-727-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627982 (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-727-U-WR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

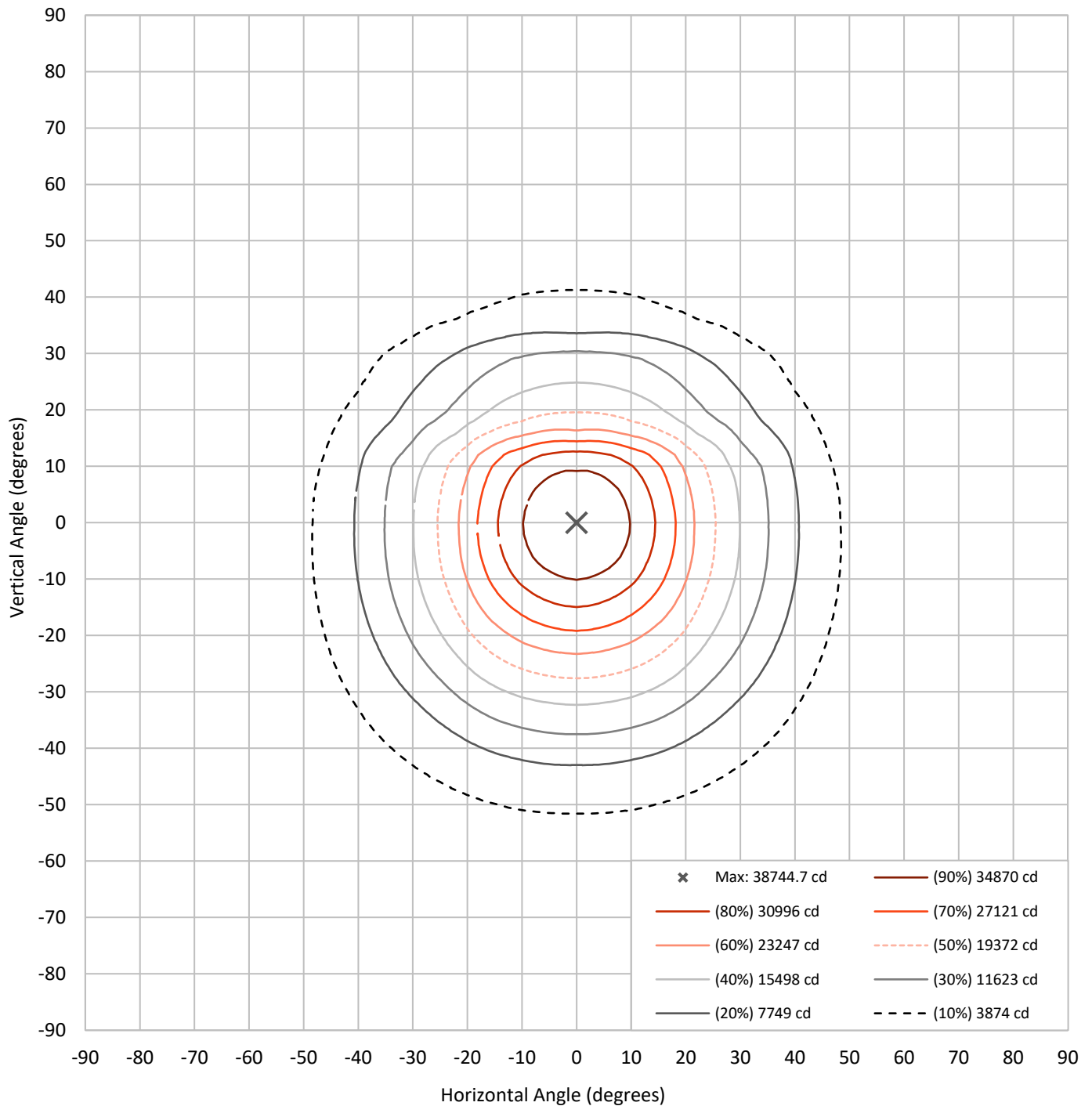
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	34181.2 lumens	Max Intensity:	38744.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	90.7 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:	16456.6 lumens	Field Lumens:	30603.8 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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CATALOG NUMBER: GFLD-SA6E-727-U-WR-VSR-XX

Iso-Candela Plot





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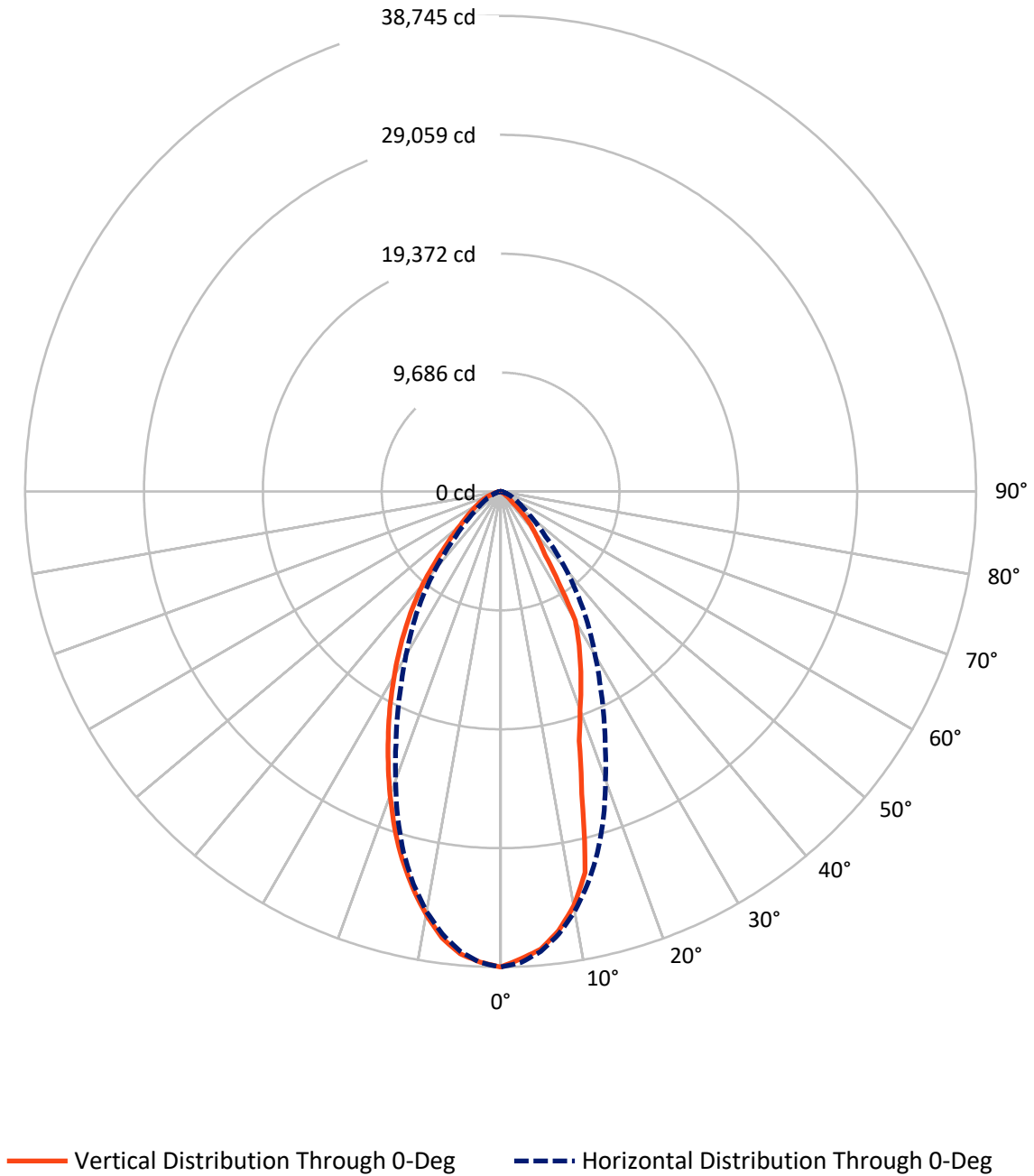
CATALOG NUMBER: GFLD-SA6E-727-U-WR-VSR-XX

Lumen Table

90																			
80	0.0	0.1		0.2		0.0		0.0		0.0		0.2		0.1		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	0.1	0.2			
50		0.7	1.8	3.2	5.4	7.9	10.7	12.1	12.1	10.7	7.9	5.4	3.2	1.8	0.7				
40	1.5	2.6	6.6	13.9	25.4	41.7	60.2	73.8	73.8	60.2	41.7	25.4	13.9	6.6	2.6	1.5			
30		5.2	13.3	30.9	63.8	117.2	179.3	215.5	215.5	179.3	117.2	63.8	30.9	13.3	5.2				
20	3.7	8.2	21.7	56.1	132.8	249.3	379.4	457.3	457.3	379.4	249.3	132.8	56.1	21.7	8.2	3.7			
10		11.1	30.8	88.0	218.4	403.9	631.2	780.3	780.3	631.2	403.9	218.4	88.0	30.8	11.1				
0	5.3	12.9	38.7	113.8	286.8	534.6	858.4	1088.3	1088.3	858.4	534.6	286.8	113.8	38.7	12.9	5.3			
-10		13.5	40.3	117.5	291.0	542.3	867.1	1095.1	1095.1	867.1	542.3	291.0	117.5	40.3	13.5				
-20	5.7	13.3	38.2	104.6	257.8	476.2	734.0	905.8	905.8	734.0	476.2	257.8	104.6	38.2	13.3	5.7			
-30		12.2	33.1	81.9	192.4	359.0	535.0	641.6	641.6	535.0	359.0	192.4	81.9	33.1	12.2				
-40	4.8	10.7	26.8	59.2	121.1	222.7	336.0	400.0	400.0	336.0	222.7	121.1	59.2	26.8	10.7	4.8			
-50		8.9	20.7	40.9	72.7	116.6	167.2	199.1	199.1	167.2	116.6	72.7	40.9	20.7	8.9				
-60	3.0	6.9	15.1	27.2	44.4	63.9	82.7	93.5	93.5	82.7	63.9	44.4	27.2	15.1	6.9	3.0			
-70		4.9	10.1	16.8	25.8	35.1	43.0	46.9	46.9	43.0	35.1	25.8	16.8	10.1	4.9				
-80																			
-90	0.8	9.7		25.1		44.9		40.9		44.9		25.1		9.7		0.8			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

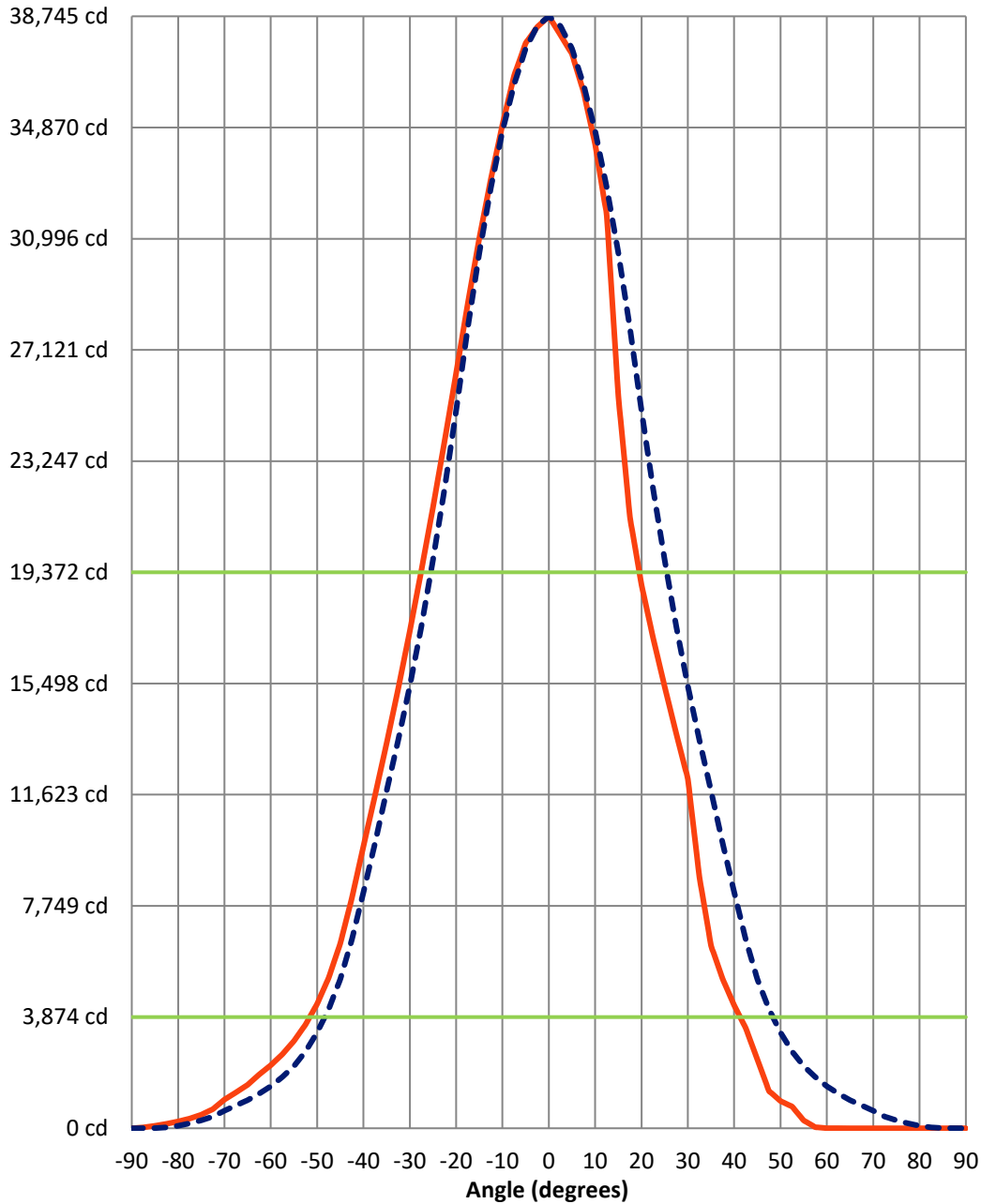
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 16456.6
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 30603.8
 Efficiency: 89.5%

Spill:
 Lumens: 3577.4
 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	0.1	0.2	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.2
85°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.1	2.4
82.5°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.5	2.8	2.8	2.8
80°	0.0	0.5	1.0	1.5	1.9	2.4	2.8	2.8	2.8	2.8	2.8
77.5°	0.0	0.6	1.2	1.8	2.4	2.8	2.8	2.8	2.8	2.8	2.8
75°	0.0	0.7	1.4	2.2	2.8	2.8	2.8	2.8	2.8	2.8	2.8
72.5°	0.0	0.8	1.7	2.5	2.8	2.8	2.8	2.8	2.8	2.8	2.8
70°	0.0	1.0	1.9	2.8	2.8	2.8	2.8	2.8	2.8	2.8	3.0
67.5°	0.0	1.1	2.1	2.8	2.8	2.8	3.0	2.8	2.8	3.6	3.5
65°	0.0	1.2	2.4	2.8	2.8	3.1	3.4	2.8	4.0	4.6	5.4
62.5°	0.0	1.3	2.6	2.8	2.8	3.7	3.8	3.8	5.3	7.4	11.6
60°	0.0	1.4	2.8	2.8	2.8	4.5	4.4	5.3	6.7	18.3	19.8
57.5°	0.0	1.5	2.8	2.8	3.6	5.3	7.5	7.1	18.0	30.9	33.9
55°	0.0	1.6	2.9	2.8	4.4	6.1	11.5	10.5	33.1	46.6	52.6
52.5°	0.0	1.7	2.9	2.8	5.3	7.7	16.0	26.0	49.4	69.1	74.5
50°	0.0	1.8	3.0	2.8	6.2	12.5	21.1	43.0	69.0	94.1	113.7
47.5°	0.0	1.9	3.0	3.0	7.2	17.6	28.1	60.2	94.8	121.5	154.3
45°	0.0	2.0	3.1	3.8	8.2	23.0	43.1	77.6	120.6	157.4	194.3
42.5°	0.0	2.1	3.2	4.5	9.2	28.8	58.0	98.0	146.4	192.9	238.9
40°	0.0	2.1	3.3	5.5	12.1	34.8	72.9	120.3	173.2	227.5	285.3
37.5°	0.0	2.2	3.4	6.7	16.8	41.2	87.6	142.4	202.3	263.1	332.8
35°	0.0	2.3	3.5	8.0	21.6	51.1	102.3	164.2	231.5	305.7	384.4
32.5°	0.0	2.4	3.7	9.4	26.5	62.7	117.7	185.6	260.7	349.3	442.5
30°	0.0	2.4	3.8	10.9	31.3	73.9	135.0	207.3	289.9	394.0	501.0
27.5°	0.0	2.5	3.9	12.4	36.9	84.9	151.8	231.1	321.9	439.3	559.7
25°	0.0	2.5	4.1	14.1	42.5	95.4	168.0	254.4	358.9	487.5	618.5
22.5°	0.0	2.6	4.2	15.7	47.9	105.6	183.5	277.1	395.5	536.3	678.0
20°	0.0	2.6	4.4	17.5	53.1	115.6	198.2	299.0	431.4	584.0	734.8
17.5°	0.0	2.7	4.5	19.2	58.2	125.0	211.9	320.0	466.4	630.4	788.5
15°	0.0	2.7	4.7	21.0	63.0	133.7	224.5	338.7	500.2	675.1	839.2
12.5°	0.0	2.7	4.8	22.7	67.6	141.9	236.0	354.3	528.3	717.8	886.7
10°	0.0	2.8	5.0	24.4	71.9	149.3	246.4	368.3	550.7	743.0	924.0
7.5°	0.0	2.8	5.1	26.0	75.9	156.0	255.7	380.5	570.3	762.2	943.5
5°	0.0	2.8	5.2	27.6	79.6	162.0	263.9	391.0	587.1	777.4	959.3
2.5°	0.0	2.8	5.4	29.1	82.9	167.2	270.9	399.8	600.9	789.0	971.4
0°	0.0	2.8	5.5	30.4	85.8	171.6	276.7	406.8	611.6	797.0	979.7
-2.5°	0.0	3.0	6.3	32.3	89.7	177.0	284.2	418.5	623.6	808.5	992.7
-5°	0.0	3.1	7.2	34.1	93.2	181.6	290.5	428.3	632.3	816.8	1001.9
-7.5°	0.0	3.3	8.0	35.7	96.1	185.2	295.4	436.0	637.8	821.9	1007.3
-10°	0.0	3.5	8.7	37.1	98.5	188.0	298.9	441.5	640.2	824.0	1009.0
-12.5°	0.0	3.6	9.5	38.3	100.3	189.8	301.0	444.6	639.5	822.7	1004.3
-15°	0.0	3.7	10.2	39.3	101.6	190.7	301.7	445.3	634.8	815.6	994.6
-17.5°	0.0	3.9	10.8	40.1	102.1	190.6	300.8	444.4	626.6	805.8	981.1
-20°	0.0	4.0	11.4	40.6	102.0	189.5	300.0	442.3	616.4	793.7	963.9

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CATALOG NUMBER: GFLD-SA6E-727-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	4.1	11.9	40.8	101.2	187.4	300.1	438.3	604.2	779.2	942.9
-25°	0.0	4.1	12.3	40.8	99.6	186.7	298.8	432.5	590.4	762.7	918.4
-27.5°	0.0	4.2	12.7	40.5	97.3	185.9	295.9	424.8	575.0	743.5	895.7
-30°	0.0	4.2	13.0	39.9	94.5	183.9	291.6	415.4	561.4	721.9	871.3
-32.5°	0.0	4.2	13.2	39.1	93.3	180.7	285.7	407.6	548.0	699.4	845.2
-35°	0.0	4.2	13.4	38.0	91.4	176.4	280.1	399.1	532.8	676.1	817.5
-37.5°	0.0	4.2	13.4	36.5	88.6	171.7	273.8	388.8	515.9	652.1	784.9
-40°	0.0	4.2	13.4	34.8	85.1	167.5	265.9	376.8	497.3	629.8	750.0
-42.5°	0.0	4.1	13.3	33.2	82.6	162.2	256.5	363.1	480.0	600.8	712.9
-45°	0.0	4.1	13.0	31.9	81.0	155.9	245.5	348.8	462.2	569.7	674.3
-47.5°	0.0	4.0	12.7	30.2	78.5	148.6	233.1	334.1	442.4	537.6	638.6
-50°	0.0	3.8	12.4	29.6	75.2	140.1	222.3	317.6	416.4	508.3	601.8
-52.5°	0.0	3.7	11.9	29.2	71.1	130.7	210.6	299.4	390.5	477.8	564.4
-55°	0.0	3.6	11.3	28.5	66.2	123.0	197.6	279.9	363.8	445.9	529.2
-57.5°	0.0	3.4	10.7	27.3	60.5	114.7	183.4	262.5	335.8	413.8	492.8
-60°	0.0	3.2	10.0	25.8	54.2	105.2	168.2	241.6	307.0	380.6	455.2
-62.5°	0.0	3.0	9.4	24.0	50.5	94.6	153.5	218.4	278.5	345.9	416.4
-65°	0.0	2.8	8.7	21.9	46.1	83.0	137.3	194.1	248.2	309.5	376.1
-67.5°	0.0	2.5	8.0	19.5	41.3	72.7	119.7	169.6	216.3	270.9	331.5
-70°	0.0	2.3	7.2	16.8	35.9	63.8	101.0	144.2	186.0	230.5	283.5
-72.5°	0.0	2.0	6.4	14.8	30.1	54.1	85.8	118.1	154.8	193.9	235.1
-75°	0.0	1.8	5.6	12.9	23.9	43.8	70.4	96.2	122.8	156.4	191.8
-77.5°	0.0	1.5	4.7	10.9	19.8	33.0	54.3	75.6	97.5	120.6	147.6
-80°	0.0	1.2	3.8	8.9	16.0	25.3	37.5	54.6	72.5	91.4	111.1
-82.5°	0.0	0.9	2.9	6.7	12.1	19.1	27.6	36.5	47.1	61.7	76.9
-85°	0.0	0.6	1.9	4.5	8.1	12.8	18.5	24.5	31.1	38.5	46.6
-87.5°	0.0	0.3	1.0	2.3	4.1	6.4	9.3	12.3	15.6	19.3	23.3
-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°	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.1	2.2
85°	2.6	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
82.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
80°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
77.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
75°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
72.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
70°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.3
67.5°	2.8	2.8	2.8	2.9	2.8	2.8	2.8	2.8	2.8	2.2	1.4
65°	2.8	2.8	3.8	4.1	2.9	2.8	2.8	2.8	2.9	2.5	2.6
62.5°	4.1	5.0	6.2	9.7	7.2	2.8	5.5	6.3	4.3	3.4	3.7
60°	12.1	8.3	21.3	29.5	19.3	10.2	12.6	25.1	20.7	5.6	14.7
57.5°	24.5	30.2	53.6	56.3	43.2	29.3	64.1	71.0	58.9	37.0	53.3
55°	50.9	71.6	90.5	89.4	89.9	113.0	132.8	130.4	115.0	158.6	199.7
52.5°	96.4	117.8	130.4	142.0	174.3	195.8	201.9	214.2	259.3	313.2	323.0
50°	141.5	163.5	180.0	222.1	255.2	272.2	288.0	329.3	397.5	434.6	440.5
47.5°	187.1	211.7	255.2	301.2	333.2	358.9	386.3	480.1	556.2	587.8	599.2
45°	234.7	277.3	331.6	378.8	416.0	450.7	539.7	667.8	721.4	769.7	892.8
42.5°	284.1	348.3	409.4	458.9	500.8	573.4	697.3	821.5	898.1	1001.0	1149.6
40°	347.1	419.1	489.9	540.3	592.5	702.6	856.0	987.3	1068.5	1206.5	1375.8
37.5°	411.1	495.3	571.7	624.9	698.2	847.1	1027.4	1184.7	1285.4	1397.7	1669.8
35°	474.4	573.0	651.4	722.7	813.4	1018.6	1240.7	1415.8	1540.2	1732.6	2077.0
32.5°	541.8	652.0	732.3	829.4	978.3	1207.8	1480.5	1675.0	1881.2	2158.0	2709.8
30°	613.6	726.1	818.4	935.0	1134.8	1402.5	1719.1	1963.4	2243.4	2693.0	3287.7
27.5°	685.2	799.9	913.6	1062.0	1281.3	1570.5	1901.2	2286.5	2648.3	3151.0	3801.1
25°	754.1	875.2	1006.9	1186.2	1423.4	1726.2	2087.1	2531.6	3003.8	3578.9	4342.1
22.5°	819.7	951.5	1105.8	1298.5	1543.3	1874.0	2304.4	2826.5	3393.9	3989.6	4866.6
20°	884.2	1036.8	1213.9	1429.5	1653.7	2010.2	2516.9	3149.1	3860.3	4676.2	5535.7
17.5°	947.8	1121.1	1325.4	1565.1	1836.7	2201.7	2734.8	3487.4	4353.0	5414.9	6473.2
15°	1010.2	1203.6	1433.4	1699.1	2021.4	2457.6	3063.1	3890.2	4936.0	6207.7	7461.3
12.5°	1070.6	1283.7	1536.9	1830.0	2200.5	2698.5	3372.5	4264.9	5463.2	6982.5	8522.5
10°	1128.6	1360.6	1635.2	1956.3	2372.1	2922.7	3646.0	4589.0	5860.8	7426.6	9139.4
7.5°	1158.1	1412.6	1719.2	2076.4	2533.9	3128.5	3884.0	4862.9	6171.6	7783.8	9501.1
5°	1179.2	1436.5	1750.7	2124.4	2622.9	3268.4	4066.1	5086.8	6400.6	8052.5	9746.2
2.5°	1195.4	1453.5	1773.6	2151.4	2658.1	3315.1	4126.3	5164.9	6523.4	8192.8	9888.9
0°	1206.6	1464.0	1787.8	2166.9	2676.2	3337.6	4154.0	5197.3	6575.5	8225.0	9940.8
-2.5°	1218.5	1478.3	1802.7	2191.0	2701.6	3368.3	4184.6	5220.3	6614.6	8233.9	9968.9
-5°	1225.3	1486.0	1808.5	2202.6	2709.7	3374.1	4182.4	5198.5	6583.5	8169.2	9907.9
-7.5°	1227.2	1486.9	1805.3	2200.3	2699.3	3347.9	4138.2	5133.6	6476.2	8038.5	9758.3
-10°	1224.2	1480.3	1793.4	2180.4	2668.9	3293.6	4059.1	5021.2	6299.7	7822.6	9505.5
-12.5°	1215.2	1466.5	1772.1	2147.8	2620.0	3216.3	3947.8	4860.9	6054.7	7522.4	9149.1
-15°	1200.8	1445.8	1741.2	2102.7	2552.4	3116.8	3804.6	4652.9	5739.3	7140.9	8705.3
-17.5°	1181.1	1418.5	1700.8	2045.1	2466.2	2996.0	3631.6	4409.3	5399.1	6715.1	8211.9
-20°	1155.8	1384.4	1650.9	1975.3	2366.7	2868.7	3471.0	4193.6	5080.8	6227.4	7629.8



REPORT NUMBER: P627982 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-727-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°	1125.2	1343.8	1598.1	1908.4	2278.5	2736.6	3291.4	3949.1	4723.7	5663.8	6994.3
-25°	1093.7	1304.9	1546.8	1834.0	2177.8	2586.8	3086.0	3685.2	4386.7	5247.2	6347.2
-27.5°	1062.6	1260.1	1487.4	1748.0	2064.9	2432.4	2892.8	3439.1	4064.3	4796.0	5691.8
-30°	1027.6	1210.2	1421.9	1658.0	1956.6	2297.9	2695.8	3163.9	3719.8	4381.0	5159.6
-32.5°	989.4	1156.6	1358.5	1580.1	1840.7	2151.4	2495.5	2918.9	3402.5	3948.0	4621.0
-35°	951.3	1110.8	1293.6	1496.3	1716.2	2007.1	2323.4	2674.6	3086.0	3569.1	4107.3
-37.5°	914.7	1060.9	1223.9	1412.9	1619.3	1860.8	2140.2	2457.3	2811.4	3195.7	3660.7
-40°	874.0	1007.0	1161.2	1332.4	1514.9	1724.3	1976.2	2245.3	2550.2	2888.4	3247.5
-42.5°	829.6	957.5	1098.2	1245.7	1413.2	1600.2	1809.2	2055.3	2308.6	2591.9	2905.3
-45°	786.2	903.6	1032.4	1167.0	1307.9	1473.1	1662.9	1867.7	2092.2	2323.4	2586.7
-47.5°	740.4	847.7	967.5	1084.8	1209.7	1350.6	1511.7	1697.5	1884.8	2090.6	2294.8
-50°	694.6	795.3	896.0	1005.5	1117.3	1234.6	1370.7	1531.0	1701.5	1872.3	2052.0
-52.5°	653.6	740.6	831.7	925.7	1027.5	1131.9	1245.3	1377.4	1526.5	1677.0	1831.9
-55°	611.7	691.9	767.2	851.4	939.4	1033.4	1134.5	1245.7	1358.2	1495.3	1628.5
-57.5°	570.8	641.9	707.4	779.1	857.5	937.3	1028.4	1122.9	1225.0	1328.6	1437.7
-60°	529.7	590.2	649.5	711.6	777.4	848.4	921.7	1004.7	1092.3	1182.2	1276.7
-62.5°	487.2	536.3	588.6	645.5	703.3	758.0	819.4	887.3	959.5	1036.8	1116.9
-65°	439.8	480.4	524.1	573.6	627.9	672.0	719.0	770.1	829.8	893.4	956.3
-67.5°	389.0	425.1	460.7	497.4	541.5	580.9	619.7	660.2	704.8	756.8	807.3
-70°	332.6	368.5	399.9	430.3	458.3	486.5	519.4	551.4	587.3	634.0	679.9
-72.5°	275.2	308.8	338.6	364.4	384.1	400.9	421.1	444.4	478.9	522.1	562.6
-75°	222.6	249.7	277.6	302.4	315.1	320.1	324.3	336.5	371.5	415.9	455.1
-77.5°	173.3	197.0	219.7	241.3	250.2	253.7	255.4	255.4	281.1	318.9	358.7
-80°	127.6	144.1	163.3	181.8	187.3	188.9	189.2	188.0	209.0	236.3	265.4
-82.5°	88.7	100.5	112.8	125.4	127.0	126.2	124.3	122.6	139.5	159.2	179.4
-85°	51.6	56.6	64.1	71.8	72.7	72.3	71.0	68.8	78.2	88.9	100.2
-87.5°	25.8	28.3	30.8	33.3	32.4	31.1	29.5	27.4	30.0	32.8	35.6
-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: P627982 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-727-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°	2.3	1.8	1.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.8	2.1	1.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	2.8	2.2	1.5	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.8	2.2	1.5	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	2.8	2.3	1.6	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	2.8	2.4	1.6	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2.8	2.4	1.7	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.6	0.8	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.3	1.4	1.5	1.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.9	2.8	2.1	1.4	0.6	0.5	0.7	0.6	0.3	0.0	0.0
62.5°	3.6	3.5	2.5	2.4	2.6	2.8	2.3	2.0	1.9	2.0	2.3
60°	15.6	9.0	9.1	11.6	9.9	4.6	9.1	11.5	10.7	8.1	7.1
57.5°	79.4	66.5	46.4	77.9	80.2	55.9	60.6	79.1	76.7	59.3	59.1
55°	200.1	203.0	218.0	237.7	252.3	259.0	265.0	294.7	326.5	357.6	373.2
52.5°	330.6	369.3	417.4	449.2	471.4	517.0	580.8	610.1	638.6	671.0	694.4
50°	486.9	554.1	602.4	609.4	685.2	734.5	746.1	801.0	860.9	898.2	924.9
47.5°	724.3	809.4	851.4	878.3	970.6	1071.8	1071.9	1103.5	1253.4	1331.8	1369.5
45°	1043.3	1114.1	1188.6	1381.9	1559.7	1616.1	1736.8	1900.3	2006.6	2152.9	2313.7
42.5°	1314.9	1448.0	1634.4	1847.3	2025.5	2173.9	2353.2	2549.8	2785.9	3008.0	3199.5
40°	1583.7	1748.5	1979.3	2210.9	2435.3	2640.9	2930.0	3182.7	3461.3	3766.7	4021.3
37.5°	1934.4	2145.4	2383.9	2676.0	3025.3	3253.4	3651.0	4014.3	4328.1	4697.0	4924.2
35°	2473.2	2748.1	2959.3	3549.6	3974.4	4241.3	4712.1	5309.1	5538.3	6002.8	6223.3
32.5°	3150.5	3515.7	4071.7	4853.4	5420.7	5912.0	6615.8	7221.5	7737.8	8204.4	8689.7
30°	3911.5	4475.2	5294.6	6333.3	6909.6	7597.7	8549.4	9267.6	10077.4	10966.1	11277.5
27.5°	4602.1	5446.4	6397.8	7239.1	8066.8	8923.9	9858.9	10781.7	11658.1	12397.7	12894.1
25°	5242.2	6264.6	7189.3	8088.4	8985.2	9950.4	11008.0	12054.6	13019.0	13780.0	14358.6
22.5°	5902.4	6982.6	7971.8	8884.1	9927.3	11021.1	12145.8	13346.1	14443.7	15233.2	15863.5
20°	6523.1	7724.5	8852.8	9891.6	10877.7	12140.4	13435.5	14708.8	15904.0	16844.4	17571.2
17.5°	7508.4	8551.3	9930.4	11279.8	12390.6	13550.7	15281.2	16595.3	17921.7	19048.0	19818.5
15°	8718.5	9865.2	11289.2	13142.4	14664.6	15993.6	17781.4	19919.2	21483.6	22921.5	23907.9
12.5°	9929.5	11226.5	12766.8	14852.3	17019.5	18585.0	20753.9	23462.8	25285.0	27511.2	28608.6
10°	10857.6	12486.4	14072.7	15975.8	18057.1	20286.4	22624.5	25158.8	27593.6	29505.1	31213.9
7.5°	11231.4	12966.3	14802.6	16744.3	18825.5	21126.2	23618.2	26255.3	28761.0	30896.1	32774.0
5°	11510.7	13288.4	15136.7	17122.2	19347.0	21749.6	24278.7	27047.4	29606.3	31894.7	33816.0
2.5°	11688.2	13482.6	15323.0	17341.6	19681.5	22155.4	24765.8	27607.8	30205.2	32561.0	34476.1
0°	11756.3	13524.7	15409.3	17487.7	19804.1	22283.8	25007.0	27882.4	30500.4	32778.0	34748.5
-2.5°	11765.5	13485.5	15415.0	17483.2	19699.6	22202.5	24958.6	27810.0	30374.8	32643.3	34631.3
-5°	11673.2	13392.5	15323.7	17360.6	19580.0	22064.1	24701.8	27457.3	29903.4	32111.2	34025.3
-7.5°	11486.0	13200.5	15089.0	17079.3	19238.9	21648.3	24181.8	26743.6	29143.3	31260.7	33087.4
-10°	11208.2	12886.6	14709.7	16649.0	18692.4	20984.2	23400.0	25847.5	28097.9	30056.1	31745.3
-12.5°	10832.0	12471.7	14212.7	16064.0	17966.1	20151.1	22432.1	24730.5	26781.7	28569.4	30084.9
-15°	10343.4	11944.9	13630.7	15381.4	17226.1	19202.0	21249.0	23357.3	25249.0	26834.4	28218.9
-17.5°	9767.9	11321.1	12922.1	14545.1	16295.3	18149.1	20049.4	21941.9	23555.3	24963.7	26229.8
-20°	9126.2	10622.7	12143.5	13656.5	15244.4	16959.0	18714.0	20376.4	21786.3	23066.0	24224.6



REPORT NUMBER: P627982 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-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°	8406.9	9839.3	11296.8	12712.8	14144.8	15697.2	17264.6	18767.9	20086.8	21181.4	22188.2
-25°	7636.8	8960.3	10336.7	11664.2	12982.2	14373.4	15797.1	17180.3	18341.0	19291.5	20123.4
-27.5°	6860.8	8070.2	9282.9	10532.7	11750.9	13034.7	14323.6	15518.3	16560.4	17435.5	18134.6
-30°	6045.2	7126.4	8233.8	9364.6	10527.8	11702.7	12867.3	13913.3	14823.0	15592.7	16196.8
-32.5°	5367.3	6188.7	7166.4	8193.0	9283.4	10353.8	11366.9	12320.3	13177.5	13849.5	14361.9
-35°	4717.5	5413.2	6145.4	7054.0	7990.9	8975.9	9907.8	10758.7	11522.8	12110.1	12592.0
-37.5°	4159.1	4709.1	5328.4	5977.1	6762.5	7576.8	8417.9	9218.2	9899.5	10411.8	10842.3
-40°	3675.6	4110.0	4604.7	5119.0	5696.8	6281.9	7014.2	7689.6	8245.7	8724.6	9114.6
-42.5°	3238.5	3605.1	3970.5	4392.3	4828.2	5298.5	5812.5	6312.0	6738.8	7139.6	7470.9
-45°	2861.2	3154.1	3445.4	3771.1	4091.2	4473.7	4840.8	5168.4	5514.2	5814.3	6050.4
-47.5°	2531.4	2759.6	3009.4	3253.2	3510.2	3798.2	4071.5	4320.7	4574.1	4793.5	4969.6
-50°	2238.1	2427.4	2631.2	2822.8	3030.7	3241.4	3443.5	3641.7	3834.2	4001.1	4131.0
-52.5°	1981.5	2146.8	2305.6	2458.2	2623.6	2779.5	2925.8	3089.5	3240.0	3371.5	3460.4
-55°	1763.0	1898.0	2028.1	2155.6	2280.6	2398.8	2515.4	2642.5	2758.7	2863.2	2929.4
-57.5°	1557.8	1672.8	1783.0	1887.0	1986.2	2080.2	2178.4	2276.1	2365.6	2444.5	2495.7
-60°	1371.2	1465.1	1560.4	1645.3	1725.3	1800.4	1883.0	1961.2	2033.5	2094.2	2129.6
-62.5°	1200.1	1284.4	1354.7	1421.9	1489.9	1557.6	1616.3	1674.0	1729.7	1776.7	1807.6
-65°	1021.4	1092.7	1152.6	1206.6	1255.3	1307.7	1357.8	1403.1	1443.3	1473.9	1493.4
-67.5°	861.3	913.9	961.9	1004.8	1048.3	1090.3	1128.8	1163.1	1193.4	1214.7	1228.7
-70°	722.4	762.5	801.8	840.8	879.5	912.2	940.2	965.8	989.1	998.8	1003.1
-72.5°	600.3	635.9	670.4	704.8	737.0	762.6	783.1	801.9	818.9	804.3	778.7
-75°	489.5	520.8	553.1	583.4	611.9	631.5	646.7	660.7	673.5	641.9	598.3
-77.5°	398.9	426.4	450.3	474.0	497.4	509.9	519.6	529.1	538.2	502.9	458.2
-80°	296.0	318.2	338.4	358.3	377.9	385.3	389.6	392.6	394.2	363.9	329.0
-82.5°	199.9	211.4	222.6	234.2	246.1	252.3	257.0	260.6	263.2	241.7	217.5
-85°	112.0	115.5	118.2	120.5	122.5	126.4	130.1	133.6	136.7	126.5	115.3
-87.5°	38.5	38.5	38.3	38.0	37.6	37.7	37.7	37.6	37.4	35.8	34.0
-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: P627982 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-727-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	0.6
62.5°	2.5	2.7	2.8	2.8	2.8	2.7	2.5	2.3	2.0	1.9	2.0
60°	5.5	3.4	2.8	2.8	2.8	3.4	5.5	7.1	8.1	10.7	11.5
57.5°	55.0	48.0	43.1	38.7	43.1	48.0	55.0	59.1	59.3	76.7	79.1
55°	366.5	341.3	310.4	274.0	310.4	341.3	366.5	373.2	357.6	326.5	294.7
52.5°	719.0	742.9	756.8	755.5	756.8	742.9	719.0	694.4	671.0	638.6	610.1
50°	946.4	959.4	960.0	949.2	960.0	959.4	946.4	924.9	898.2	860.9	801.0
47.5°	1386.6	1368.4	1337.2	1303.5	1337.2	1368.4	1386.6	1369.5	1331.8	1253.4	1103.5
45°	2419.5	2477.8	2474.0	2399.4	2474.0	2477.8	2419.5	2313.7	2152.9	2006.6	1900.3
42.5°	3306.6	3393.8	3455.7	3487.0	3455.7	3393.8	3306.6	3199.5	3008.0	2785.9	2549.8
40°	4164.7	4249.1	4286.2	4284.1	4286.2	4249.1	4164.7	4021.3	3766.7	3461.3	3182.7
37.5°	5071.6	5180.7	5233.6	5208.4	5233.6	5180.7	5071.6	4924.2	4697.0	4328.1	4014.3
35°	6318.6	6420.7	6422.6	6370.7	6422.6	6420.7	6318.6	6223.3	6002.8	5538.3	5309.1
32.5°	9074.9	9109.1	8846.7	8753.5	8846.7	9109.1	9074.9	8689.7	8204.4	7737.8	7221.5
30°	11587.4	11829.6	12054.9	12168.6	12054.9	11829.6	11587.4	11277.5	10966.1	10077.4	9267.6
27.5°	13268.2	13559.6	13740.1	13751.6	13740.1	13559.6	13268.2	12894.1	12397.7	11658.1	10781.7
25°	14797.0	15122.9	15319.8	15387.2	15319.8	15122.9	14797.0	14358.6	13780.0	13019.0	12054.6
22.5°	16398.6	16782.7	17037.2	17089.2	17037.2	16782.7	16398.6	15863.5	15233.2	14443.7	13346.1
20°	18256.8	18703.9	18947.9	18937.9	18947.9	18703.9	18256.8	17571.2	16844.4	15904.0	14708.8
17.5°	20703.3	21182.7	21393.4	21301.3	21393.4	21182.7	20703.3	19818.5	19048.0	17921.7	16595.3
15°	24920.4	25923.2	25919.2	25518.9	25919.2	25923.2	24920.4	23907.9	22921.5	21483.6	19919.2
12.5°	30122.1	30869.5	31636.3	31801.1	31636.3	30869.5	30122.1	28608.6	27511.2	25285.0	23462.8
10°	32653.2	33645.8	34300.8	34283.6	34300.8	33645.8	32653.2	31213.9	29505.1	27593.6	25158.8
7.5°	34236.8	35333.3	36127.1	36110.1	36127.1	35333.3	34236.8	32774.0	30896.1	28761.0	26255.3
5°	35458.7	36675.0	37378.2	37430.2	37378.2	36675.0	35458.7	33816.0	31894.7	29606.3	27047.4
2.5°	36093.7	37363.1	38208.5	38097.1	38208.5	37363.1	36093.7	34476.1	32561.0	30205.2	27607.8
0°	36359.2	37615.6	38404.3	38744.7	38404.3	37615.6	36359.2	34748.5	32778.0	30500.4	27882.4
-2.5°	36243.2	37465.8	38337.4	38371.1	38337.4	37465.8	36243.2	34631.3	32643.3	30374.8	27810.0
-5°	35622.2	36912.3	37496.3	37806.6	37496.3	36912.3	35622.2	34025.3	32111.2	29903.4	27457.3
-7.5°	34620.8	35587.6	36329.4	36671.9	36329.4	35587.6	34620.8	33087.4	31260.7	29143.3	26743.6
-10°	33062.1	34063.0	34689.9	34972.7	34689.9	34063.0	33062.1	31745.3	30056.1	28097.9	25847.5
-12.5°	31335.5	32245.2	32841.1	33079.7	32841.1	32245.2	31335.5	30084.9	28569.4	26781.7	24730.5
-15°	29409.1	30235.0	30783.5	31012.4	30783.5	30235.0	29409.1	28218.9	26834.4	25249.0	23357.3
-17.5°	27288.5	28012.2	28558.8	28723.7	28558.8	28012.2	27288.5	26229.8	24963.7	23555.3	21941.9
-20°	25108.0	25762.2	26212.4	26310.4	26212.4	25762.2	25108.0	24224.6	23066.0	21786.3	20376.4



REPORT NUMBER: P627982 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-727-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°	22910.9	23449.8	23815.5	23938.7	23815.5	23449.8	22910.9	22188.2	21181.4	20086.8	18767.9
-25°	20763.7	21228.9	21523.2	21633.4	21523.2	21228.9	20763.7	20123.4	19291.5	18341.0	17180.3
-27.5°	18698.6	19132.2	19402.6	19438.8	19402.6	19132.2	18698.6	18134.6	17435.5	16560.4	15518.3
-30°	16666.6	17024.9	17233.3	17321.7	17233.3	17024.9	16666.6	16196.8	15592.7	14823.0	13913.3
-32.5°	14767.7	15080.7	15267.9	15318.0	15267.9	15080.7	14767.7	14361.9	13849.5	13177.5	12320.3
-35°	12975.2	13264.1	13430.1	13416.7	13430.1	13264.1	12975.2	12592.0	12110.1	11522.8	10758.7
-37.5°	11198.2	11464.8	11615.3	11601.3	11615.3	11464.8	11198.2	10842.3	10411.8	9899.5	9218.2
-40°	9435.3	9665.3	9798.0	9830.1	9798.0	9665.3	9435.3	9114.6	8724.6	8245.7	7689.6
-42.5°	7746.3	7958.6	8064.7	8022.9	8064.7	7958.6	7746.3	7470.9	7139.6	6738.8	6312.0
-45°	6215.6	6325.4	6397.7	6442.7	6397.7	6325.4	6215.6	6050.4	5814.3	5514.2	5168.4
-47.5°	5098.4	5189.4	5238.6	5247.1	5238.6	5189.4	5098.4	4969.6	4793.5	4574.1	4320.7
-50°	4232.0	4309.5	4343.7	4333.9	4343.7	4309.5	4232.0	4131.0	4001.1	3834.2	3641.7
-52.5°	3524.4	3569.3	3599.6	3614.3	3599.6	3569.3	3524.4	3460.4	3371.5	3240.0	3089.5
-55°	2979.2	3014.2	3034.6	3041.5	3034.6	3014.2	2979.2	2929.4	2863.2	2758.7	2642.5
-57.5°	2538.3	2571.6	2583.6	2579.3	2583.6	2571.6	2538.3	2495.7	2444.5	2365.6	2276.1
-60°	2156.8	2175.8	2190.1	2197.4	2190.1	2175.8	2156.8	2129.6	2094.2	2033.5	1961.2
-62.5°	1832.2	1850.1	1865.0	1873.6	1865.0	1850.1	1832.2	1807.6	1776.7	1729.7	1674.0
-65°	1507.1	1515.0	1517.2	1513.8	1517.2	1515.0	1507.1	1493.4	1473.9	1443.3	1403.1
-67.5°	1239.2	1245.8	1250.2	1250.9	1250.2	1245.8	1239.2	1228.7	1214.7	1193.4	1163.1
-70°	1007.3	1010.1	1006.9	999.1	1006.9	1010.1	1007.3	1003.1	998.8	989.1	965.8
-72.5°	752.5	724.9	697.4	667.0	697.4	724.9	752.5	778.7	804.3	818.9	801.9
-75°	553.2	506.5	489.6	473.2	489.6	506.5	553.2	598.3	641.9	673.5	660.7
-77.5°	411.5	362.8	349.8	337.6	349.8	362.8	411.5	458.2	502.9	538.2	529.1
-80°	292.4	254.4	246.1	238.0	246.1	254.4	292.4	329.0	363.9	394.2	392.6
-82.5°	192.1	165.6	160.3	155.0	160.3	165.6	192.1	217.5	241.7	263.2	260.6
-85°	103.4	90.9	88.4	85.8	88.4	90.9	103.4	115.3	126.5	136.7	133.6
-87.5°	32.2	30.3	30.4	30.4	30.4	30.3	32.2	34.0	35.8	37.4	37.6
-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: P627982 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-727-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	0.6	1.2	1.8	2.3	2.2	2.1	2.1	2.0
85°	0.0	0.0	0.0	0.7	1.4	2.1	2.8	2.8	2.8	2.8	2.8
82.5°	0.0	0.0	0.1	0.8	1.5	2.2	2.8	2.8	2.8	2.8	2.8
80°	0.0	0.0	0.1	0.8	1.5	2.2	2.8	2.8	2.8	2.8	2.8
77.5°	0.0	0.0	0.1	0.9	1.6	2.3	2.8	2.8	2.8	2.8	2.8
75°	0.0	0.0	0.2	0.9	1.6	2.4	2.8	2.8	2.8	2.8	2.8
72.5°	0.0	0.0	0.2	0.8	1.7	2.4	2.8	2.8	2.8	2.8	2.8
70°	0.0	0.0	0.1	0.1	0.2	0.8	1.6	2.3	2.7	2.8	2.8
67.5°	0.0	0.0	0.5	1.2	1.5	1.4	1.3	1.4	2.2	2.8	2.8
65°	0.7	0.5	0.6	1.4	2.1	2.8	2.9	2.6	2.5	2.9	2.8
62.5°	2.3	2.8	2.6	2.4	2.5	3.5	3.6	3.7	3.4	4.3	6.3
60°	9.1	4.6	9.9	11.6	9.1	9.0	15.6	14.7	5.6	20.7	25.1
57.5°	60.6	55.9	80.2	77.9	46.4	66.5	79.4	53.3	37.0	58.9	71.0
55°	265.0	259.0	252.3	237.7	218.0	203.0	200.1	199.7	158.6	115.0	130.4
52.5°	580.8	517.0	471.4	449.2	417.4	369.3	330.6	323.0	313.2	259.3	214.2
50°	746.1	734.5	685.2	609.4	602.4	554.1	486.9	440.5	434.6	397.5	329.3
47.5°	1071.9	1071.8	970.6	878.3	851.4	809.4	724.3	599.2	587.8	556.2	480.1
45°	1736.8	1616.1	1559.7	1381.9	1188.6	1114.1	1043.3	892.8	769.7	721.4	667.8
42.5°	2353.2	2173.9	2025.5	1847.3	1634.4	1448.0	1314.9	1149.6	1001.0	898.1	821.5
40°	2930.0	2640.9	2435.3	2210.9	1979.3	1748.5	1583.7	1375.8	1206.5	1068.5	987.3
37.5°	3651.0	3253.4	3025.3	2676.0	2383.9	2145.4	1934.4	1669.8	1397.7	1285.4	1184.7
35°	4712.1	4241.3	3974.4	3549.6	2959.3	2748.1	2473.2	2077.0	1732.6	1540.2	1415.8
32.5°	6615.8	5912.0	5420.7	4853.4	4071.7	3515.7	3150.5	2709.8	2158.0	1881.2	1675.0
30°	8549.4	7597.7	6909.6	6333.3	5294.6	4475.2	3911.5	3287.7	2693.0	2243.4	1963.4
27.5°	9858.9	8923.9	8066.8	7239.1	6397.8	5446.4	4602.1	3801.1	3151.0	2648.3	2286.5
25°	11008.0	9950.4	8985.2	8088.4	7189.3	6264.6	5242.2	4342.1	3578.9	3003.8	2531.6
22.5°	12145.8	11021.1	9927.3	8884.1	7971.8	6982.6	5902.4	4866.6	3989.6	3393.9	2826.5
20°	13435.5	12140.4	10877.7	9891.6	8852.8	7724.5	6523.1	5535.7	4676.2	3860.3	3149.1
17.5°	15281.2	13550.7	12390.6	11279.8	9930.4	8551.3	7508.4	6473.2	5414.9	4353.0	3487.4
15°	17781.4	15993.6	14664.6	13142.4	11289.2	9865.2	8718.5	7461.3	6207.7	4936.0	3890.2
12.5°	20753.9	18585.0	17019.5	14852.3	12766.8	11226.5	9929.5	8522.5	6982.5	5463.2	4264.9
10°	22624.5	20286.4	18057.1	15975.8	14072.7	12486.4	10857.6	9139.4	7426.6	5860.8	4589.0
7.5°	23618.2	21126.2	18825.5	16744.3	14802.6	12966.3	11231.4	9501.1	7783.8	6171.6	4862.9
5°	24278.7	21749.6	19347.0	17122.2	15136.7	13288.4	11510.7	9746.2	8052.5	6400.6	5086.8
2.5°	24765.8	22155.4	19681.5	17341.6	15323.0	13482.6	11688.2	9888.9	8192.8	6523.4	5164.9
0°	25007.0	22283.8	19804.1	17487.7	15409.3	13524.7	11756.3	9940.8	8225.0	6575.5	5197.3
-2.5°	24958.6	22202.5	19699.6	17483.2	15415.0	13485.5	11765.5	9968.9	8233.9	6614.6	5220.3
-5°	24701.8	22064.1	19580.0	17360.6	15323.7	13392.5	11673.2	9907.9	8169.2	6583.5	5198.5
-7.5°	24181.8	21648.3	19238.9	17079.3	15089.0	13200.5	11486.0	9758.3	8038.5	6476.2	5133.6
-10°	23400.0	20984.2	18692.4	16649.0	14709.7	12886.6	11208.2	9505.5	7822.6	6299.7	5021.2
-12.5°	22432.1	20151.1	17966.1	16064.0	14212.7	12471.7	10832.0	9149.1	7522.4	6054.7	4860.9
-15°	21249.0	19202.0	17226.1	15381.4	13630.7	11944.9	10343.4	8705.3	7140.9	5739.3	4652.9
-17.5°	20049.4	18149.1	16295.3	14545.1	12922.1	11321.1	9767.9	8211.9	6715.1	5399.1	4409.3
-20°	18714.0	16959.0	15244.4	13656.5	12143.5	10622.7	9126.2	7629.8	6227.4	5080.8	4193.6



REPORT NUMBER: P627982 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-727-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°	17264.6	15697.2	14144.8	12712.8	11296.8	9839.3	8406.9	6994.3	5663.8	4723.7	3949.1
-25°	15797.1	14373.4	12982.2	11664.2	10336.7	8960.3	7636.8	6347.2	5247.2	4386.7	3685.2
-27.5°	14323.6	13034.7	11750.9	10532.7	9282.9	8070.2	6860.8	5691.8	4796.0	4064.3	3439.1
-30°	12867.3	11702.7	10527.8	9364.6	8233.8	7126.4	6045.2	5159.6	4381.0	3719.8	3163.9
-32.5°	11366.9	10353.8	9283.4	8193.0	7166.4	6188.7	5367.3	4621.0	3948.0	3402.5	2918.9
-35°	9907.8	8975.9	7990.9	7054.0	6145.4	5413.2	4717.5	4107.3	3569.1	3086.0	2674.6
-37.5°	8417.9	7576.8	6762.5	5977.1	5328.4	4709.1	4159.1	3660.7	3195.7	2811.4	2457.3
-40°	7014.2	6281.9	5696.8	5119.0	4604.7	4110.0	3675.6	3247.5	2888.4	2550.2	2245.3
-42.5°	5812.5	5298.5	4828.2	4392.3	3970.5	3605.1	3238.5	2905.3	2591.9	2308.6	2055.3
-45°	4840.8	4473.7	4091.2	3771.1	3445.4	3154.1	2861.2	2586.7	2323.4	2092.2	1867.7
-47.5°	4071.5	3798.2	3510.2	3253.2	3009.4	2759.6	2531.4	2294.8	2090.6	1884.8	1697.5
-50°	3443.5	3241.4	3030.7	2822.8	2631.2	2427.4	2238.1	2052.0	1872.3	1701.5	1531.0
-52.5°	2925.8	2779.5	2623.6	2458.2	2305.6	2146.8	1981.5	1831.9	1677.0	1526.5	1377.4
-55°	2515.4	2398.8	2280.6	2155.6	2028.1	1898.0	1763.0	1628.5	1495.3	1358.2	1245.7
-57.5°	2178.4	2080.2	1986.2	1887.0	1783.0	1672.8	1557.8	1437.7	1328.6	1225.0	1122.9
-60°	1883.0	1800.4	1725.3	1645.3	1560.4	1465.1	1371.2	1276.7	1182.2	1092.3	1004.7
-62.5°	1616.3	1557.6	1489.9	1421.9	1354.7	1284.4	1200.1	1116.9	1036.8	959.5	887.3
-65°	1357.8	1307.7	1255.3	1206.6	1152.6	1092.7	1021.4	956.3	893.4	829.8	770.1
-67.5°	1128.8	1090.3	1048.3	1004.8	961.9	913.9	861.3	807.3	756.8	704.8	660.2
-70°	940.2	912.2	879.5	840.8	801.8	762.5	722.4	679.9	634.0	587.3	551.4
-72.5°	783.1	762.6	737.0	704.8	670.4	635.9	600.3	562.6	522.1	478.9	444.4
-75°	646.7	631.5	611.9	583.4	553.1	520.8	489.5	455.1	415.9	371.5	336.5
-77.5°	519.6	509.9	497.4	474.0	450.3	426.4	398.9	358.7	318.9	281.1	255.4
-80°	389.6	385.3	377.9	358.3	338.4	318.2	296.0	265.4	236.3	209.0	188.0
-82.5°	257.0	252.3	246.1	234.2	222.6	211.4	199.9	179.4	159.2	139.5	122.6
-85°	130.1	126.4	122.5	120.5	118.2	115.5	112.0	100.2	88.9	78.2	68.8
-87.5°	37.7	37.7	37.6	38.0	38.3	38.5	38.5	35.6	32.8	30.0	27.4
-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: P627982 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-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°	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.8
85°	2.8	2.8	2.8	2.8	2.8	2.8	2.6	2.4	2.1	1.9	1.7
82.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.5
80°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
77.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
75°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
72.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
70°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	3.0	2.8	2.8	2.8
67.5°	2.8	2.8	2.8	2.9	2.8	2.8	2.8	3.5	3.6	2.8	2.8
65°	2.8	2.8	2.9	4.1	3.8	2.8	2.8	5.4	4.6	4.0	2.8
62.5°	5.5	2.8	7.2	9.7	6.2	5.0	4.1	11.6	7.4	5.3	3.8
60°	12.6	10.2	19.3	29.5	21.3	8.3	12.1	19.8	18.3	6.7	5.3
57.5°	64.1	29.3	43.2	56.3	53.6	30.2	24.5	33.9	30.9	18.0	7.1
55°	132.8	113.0	89.9	89.4	90.5	71.6	50.9	52.6	46.6	33.1	10.5
52.5°	201.9	195.8	174.3	142.0	130.4	117.8	96.4	74.5	69.1	49.4	26.0
50°	288.0	272.2	255.2	222.1	180.0	163.5	141.5	113.7	94.1	69.0	43.0
47.5°	386.3	358.9	333.2	301.2	255.2	211.7	187.1	154.3	121.5	94.8	60.2
45°	539.7	450.7	416.0	378.8	331.6	277.3	234.7	194.3	157.4	120.6	77.6
42.5°	697.3	573.4	500.8	458.9	409.4	348.3	284.1	238.9	192.9	146.4	98.0
40°	856.0	702.6	592.5	540.3	489.9	419.1	347.1	285.3	227.5	173.2	120.3
37.5°	1027.4	847.1	698.2	624.9	571.7	495.3	411.1	332.8	263.1	202.3	142.4
35°	1240.7	1018.6	813.4	722.7	651.4	573.0	474.4	384.4	305.7	231.5	164.2
32.5°	1480.5	1207.8	978.3	829.4	732.3	652.0	541.8	442.5	349.3	260.7	185.6
30°	1719.1	1402.5	1134.8	935.0	818.4	726.1	613.6	501.0	394.0	289.9	207.3
27.5°	1901.2	1570.5	1281.3	1062.0	913.6	799.9	685.2	559.7	439.3	321.9	231.1
25°	2087.1	1726.2	1423.4	1186.2	1006.9	875.2	754.1	618.5	487.5	358.9	254.4
22.5°	2304.4	1874.0	1543.3	1298.5	1105.8	951.5	819.7	678.0	536.3	395.5	277.1
20°	2516.9	2010.2	1653.7	1429.5	1213.9	1036.8	884.2	734.8	584.0	431.4	299.0
17.5°	2734.8	2201.7	1836.7	1565.1	1325.4	1121.1	947.8	788.5	630.4	466.4	320.0
15°	3063.1	2457.6	2021.4	1699.1	1433.4	1203.6	1010.2	839.2	675.1	500.2	338.7
12.5°	3372.5	2698.5	2200.5	1830.0	1536.9	1283.7	1070.6	886.7	717.8	528.3	354.3
10°	3646.0	2922.7	2372.1	1956.3	1635.2	1360.6	1128.6	924.0	743.0	550.7	368.3
7.5°	3884.0	3128.5	2533.9	2076.4	1719.2	1412.6	1158.1	943.5	762.2	570.3	380.5
5°	4066.1	3268.4	2622.9	2124.4	1750.7	1436.5	1179.2	959.3	777.4	587.1	391.0
2.5°	4126.3	3315.1	2658.1	2151.4	1773.6	1453.5	1195.4	971.4	789.0	600.9	399.8
0°	4154.0	3337.6	2676.2	2166.9	1787.8	1464.0	1206.6	979.7	797.0	611.6	406.8
-2.5°	4184.6	3368.3	2701.6	2191.0	1802.7	1478.3	1218.5	992.7	808.5	623.6	418.5
-5°	4182.4	3374.1	2709.7	2202.6	1808.5	1486.0	1225.3	1001.9	816.8	632.3	428.3
-7.5°	4138.2	3347.9	2699.3	2200.3	1805.3	1486.9	1227.2	1007.3	821.9	637.8	436.0
-10°	4059.1	3293.6	2668.9	2180.4	1793.4	1480.3	1224.2	1009.0	824.0	640.2	441.5
-12.5°	3947.8	3216.3	2620.0	2147.8	1772.1	1466.5	1215.2	1004.3	822.7	639.5	444.6
-15°	3804.6	3116.8	2552.4	2102.7	1741.2	1445.8	1200.8	994.6	815.6	634.8	445.3
-17.5°	3631.6	2996.0	2466.2	2045.1	1700.8	1418.5	1181.1	981.1	805.8	626.6	444.4
-20°	3471.0	2868.7	2366.7	1975.3	1650.9	1384.4	1155.8	963.9	793.7	616.4	442.3

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Scaled Data Report



REPORT NUMBER: P627982 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-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°	3291.4	2736.6	2278.5	1908.4	1598.1	1343.8	1125.2	942.9	779.2	604.2	438.3
-25°	3086.0	2586.8	2177.8	1834.0	1546.8	1304.9	1093.7	918.4	762.7	590.4	432.5
-27.5°	2892.8	2432.4	2064.9	1748.0	1487.4	1260.1	1062.6	895.7	743.5	575.0	424.8
-30°	2695.8	2297.9	1956.6	1658.0	1421.9	1210.2	1027.6	871.3	721.9	561.4	415.4
-32.5°	2495.5	2151.4	1840.7	1580.1	1358.5	1156.6	989.4	845.2	699.4	548.0	407.6
-35°	2323.4	2007.1	1716.2	1496.3	1293.6	1110.8	951.3	817.5	676.1	532.8	399.1
-37.5°	2140.2	1860.8	1619.3	1412.9	1223.9	1060.9	914.7	784.9	652.1	515.9	388.8
-40°	1976.2	1724.3	1514.9	1332.4	1161.2	1007.0	874.0	750.0	629.8	497.3	376.8
-42.5°	1809.2	1600.2	1413.2	1245.7	1098.2	957.5	829.6	712.9	600.8	480.0	363.1
-45°	1662.9	1473.1	1307.9	1167.0	1032.4	903.6	786.2	674.3	569.7	462.2	348.8
-47.5°	1511.7	1350.6	1209.7	1084.8	967.5	847.7	740.4	638.6	537.6	442.4	334.1
-50°	1370.7	1234.6	1117.3	1005.5	896.0	795.3	694.6	601.8	508.3	416.4	317.6
-52.5°	1245.3	1131.9	1027.5	925.7	831.7	740.6	653.6	564.4	477.8	390.5	299.4
-55°	1134.5	1033.4	939.4	851.4	767.2	691.9	611.7	529.2	445.9	363.8	279.9
-57.5°	1028.4	937.3	857.5	779.1	707.4	641.9	570.8	492.8	413.8	335.8	262.5
-60°	921.7	848.4	777.4	711.6	649.5	590.2	529.7	455.2	380.6	307.0	241.6
-62.5°	819.4	758.0	703.3	645.5	588.6	536.3	487.2	416.4	345.9	278.5	218.4
-65°	719.0	672.0	627.9	573.6	524.1	480.4	439.8	376.1	309.5	248.2	194.1
-67.5°	619.7	580.9	541.5	497.4	460.7	425.1	389.0	331.5	270.9	216.3	169.6
-70°	519.4	486.5	458.3	430.3	399.9	368.5	332.6	283.5	230.5	186.0	144.2
-72.5°	421.1	400.9	384.1	364.4	338.6	308.8	275.2	235.1	193.9	154.8	118.1
-75°	324.3	320.1	315.1	302.4	277.6	249.7	222.6	191.8	156.4	122.8	96.2
-77.5°	255.4	253.7	250.2	241.3	219.7	197.0	173.3	147.6	120.6	97.5	75.6
-80°	189.2	188.9	187.3	181.8	163.3	144.1	127.6	111.1	91.4	72.5	54.6
-82.5°	124.3	126.2	127.0	125.4	112.8	100.5	88.7	76.9	61.7	47.1	36.5
-85°	71.0	72.3	72.7	71.8	64.1	56.6	51.6	46.6	38.5	31.1	24.5
-87.5°	29.5	31.1	32.4	33.3	30.8	28.3	25.8	23.3	19.3	15.6	12.3
-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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Scaled Data Report



REPORT NUMBER: P627982 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-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°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
85°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
82.5°	2.2	1.8	1.5	1.1	0.7	0.4	0.0
80°	2.8	2.4	1.9	1.5	1.0	0.5	0.0
77.5°	2.8	2.8	2.4	1.8	1.2	0.6	0.0
75°	2.8	2.8	2.8	2.2	1.4	0.7	0.0
72.5°	2.8	2.8	2.8	2.5	1.7	0.8	0.0
70°	2.8	2.8	2.8	2.8	1.9	1.0	0.0
67.5°	3.0	2.8	2.8	2.8	2.1	1.1	0.0
65°	3.4	3.1	2.8	2.8	2.4	1.2	0.0
62.5°	3.8	3.7	2.8	2.8	2.6	1.3	0.0
60°	4.4	4.5	2.8	2.8	2.8	1.4	0.0
57.5°	7.5	5.3	3.6	2.8	2.8	1.5	0.0
55°	11.5	6.1	4.4	2.8	2.9	1.6	0.0
52.5°	16.0	7.7	5.3	2.8	2.9	1.7	0.0
50°	21.1	12.5	6.2	2.8	3.0	1.8	0.0
47.5°	28.1	17.6	7.2	3.0	3.0	1.9	0.0
45°	43.1	23.0	8.2	3.8	3.1	2.0	0.0
42.5°	58.0	28.8	9.2	4.5	3.2	2.1	0.0
40°	72.9	34.8	12.1	5.5	3.3	2.1	0.0
37.5°	87.6	41.2	16.8	6.7	3.4	2.2	0.0
35°	102.3	51.1	21.6	8.0	3.5	2.3	0.0
32.5°	117.7	62.7	26.5	9.4	3.7	2.4	0.0
30°	135.0	73.9	31.3	10.9	3.8	2.4	0.0
27.5°	151.8	84.9	36.9	12.4	3.9	2.5	0.0
25°	168.0	95.4	42.5	14.1	4.1	2.5	0.0
22.5°	183.5	105.6	47.9	15.7	4.2	2.6	0.0
20°	198.2	115.6	53.1	17.5	4.4	2.6	0.0
17.5°	211.9	125.0	58.2	19.2	4.5	2.7	0.0
15°	224.5	133.7	63.0	21.0	4.7	2.7	0.0
12.5°	236.0	141.9	67.6	22.7	4.8	2.7	0.0
10°	246.4	149.3	71.9	24.4	5.0	2.8	0.0
7.5°	255.7	156.0	75.9	26.0	5.1	2.8	0.0
5°	263.9	162.0	79.6	27.6	5.2	2.8	0.0
2.5°	270.9	167.2	82.9	29.1	5.4	2.8	0.0
0°	276.7	171.6	85.8	30.4	5.5	2.8	0.0
-2.5°	284.2	177.0	89.7	32.3	6.3	3.0	0.0
-5°	290.5	181.6	93.2	34.1	7.2	3.1	0.0
-7.5°	295.4	185.2	96.1	35.7	8.0	3.3	0.0
-10°	298.9	188.0	98.5	37.1	8.7	3.5	0.0
-12.5°	301.0	189.8	100.3	38.3	9.5	3.6	0.0
-15°	301.7	190.7	101.6	39.3	10.2	3.7	0.0
-17.5°	300.8	190.6	102.1	40.1	10.8	3.9	0.0
-20°	300.0	189.5	102.0	40.6	11.4	4.0	0.0

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Scaled Data Report



REPORT NUMBER: P627982 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	300.1	187.4	101.2	40.8	11.9	4.1	0.0
-25°	298.8	186.7	99.6	40.8	12.3	4.1	0.0
-27.5°	295.9	185.9	97.3	40.5	12.7	4.2	0.0
-30°	291.6	183.9	94.5	39.9	13.0	4.2	0.0
-32.5°	285.7	180.7	93.3	39.1	13.2	4.2	0.0
-35°	280.1	176.4	91.4	38.0	13.4	4.2	0.0
-37.5°	273.8	171.7	88.6	36.5	13.4	4.2	0.0
-40°	265.9	167.5	85.1	34.8	13.4	4.2	0.0
-42.5°	256.5	162.2	82.6	33.2	13.3	4.1	0.0
-45°	245.5	155.9	81.0	31.9	13.0	4.1	0.0
-47.5°	233.1	148.6	78.5	30.2	12.7	4.0	0.0
-50°	222.3	140.1	75.2	29.6	12.4	3.8	0.0
-52.5°	210.6	130.7	71.1	29.2	11.9	3.7	0.0
-55°	197.6	123.0	66.2	28.5	11.3	3.6	0.0
-57.5°	183.4	114.7	60.5	27.3	10.7	3.4	0.0
-60°	168.2	105.2	54.2	25.8	10.0	3.2	0.0
-62.5°	153.5	94.6	50.5	24.0	9.4	3.0	0.0
-65°	137.3	83.0	46.1	21.9	8.7	2.8	0.0
-67.5°	119.7	72.7	41.3	19.5	8.0	2.5	0.0
-70°	101.0	63.8	35.9	16.8	7.2	2.3	0.0
-72.5°	85.8	54.1	30.1	14.8	6.4	2.0	0.0
-75°	70.4	43.8	23.9	12.9	5.6	1.8	0.0
-77.5°	54.3	33.0	19.8	10.9	4.7	1.5	0.0
-80°	37.5	25.3	16.0	8.9	3.8	1.2	0.0
-82.5°	27.6	19.1	12.1	6.7	2.9	0.9	0.0
-85°	18.5	12.8	8.1	4.5	1.9	0.6	0.0
-87.5°	9.3	6.4	4.1	2.3	1.0	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)