

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: P627942 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-735-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627942 (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-SA6D-735-U-WR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (96) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

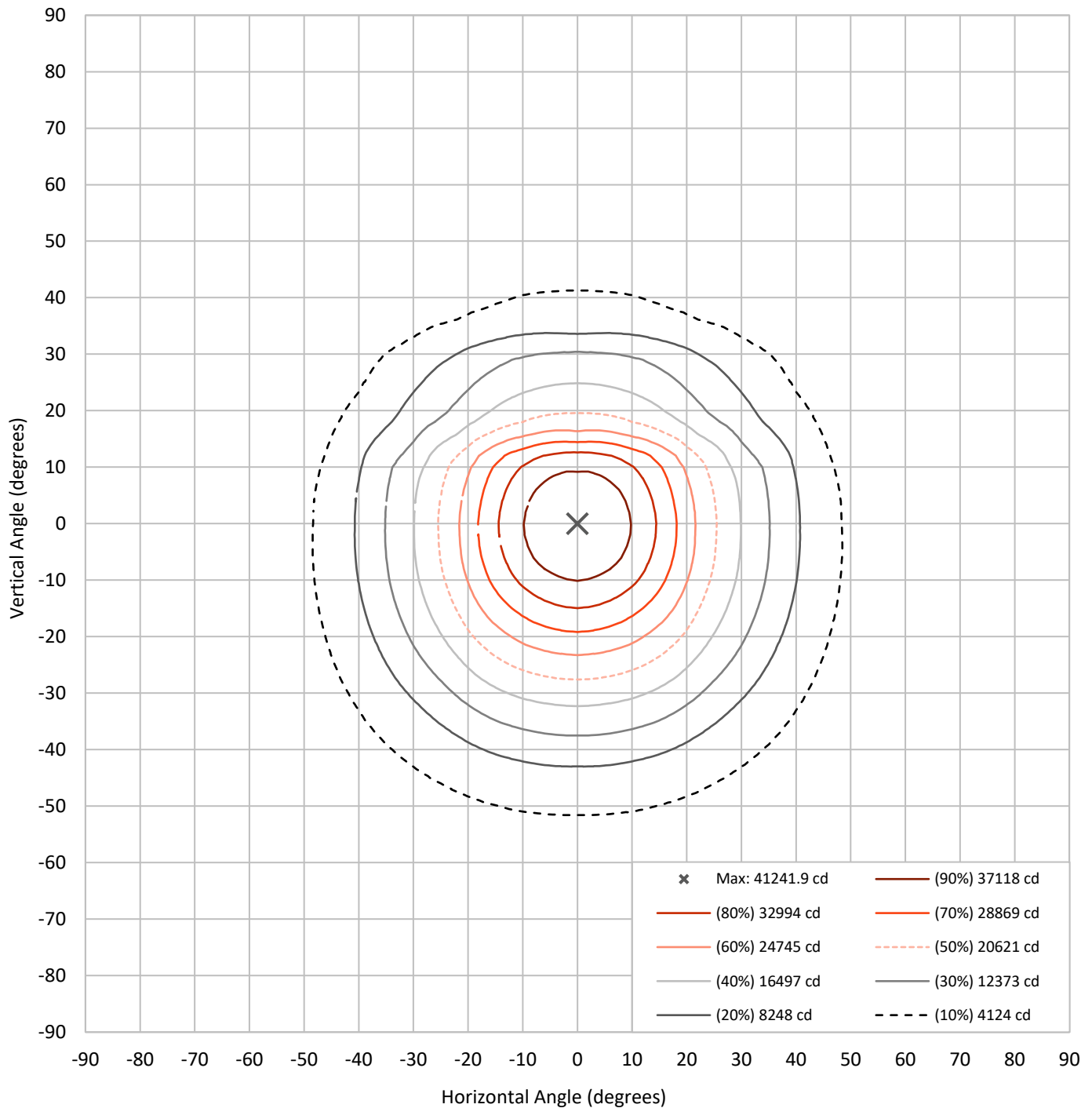
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	36384.2 lumens	Max Intensity:	41241.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	111.6 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:	17517.3 lumens	Field Lumens:	32576.3 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	325.9		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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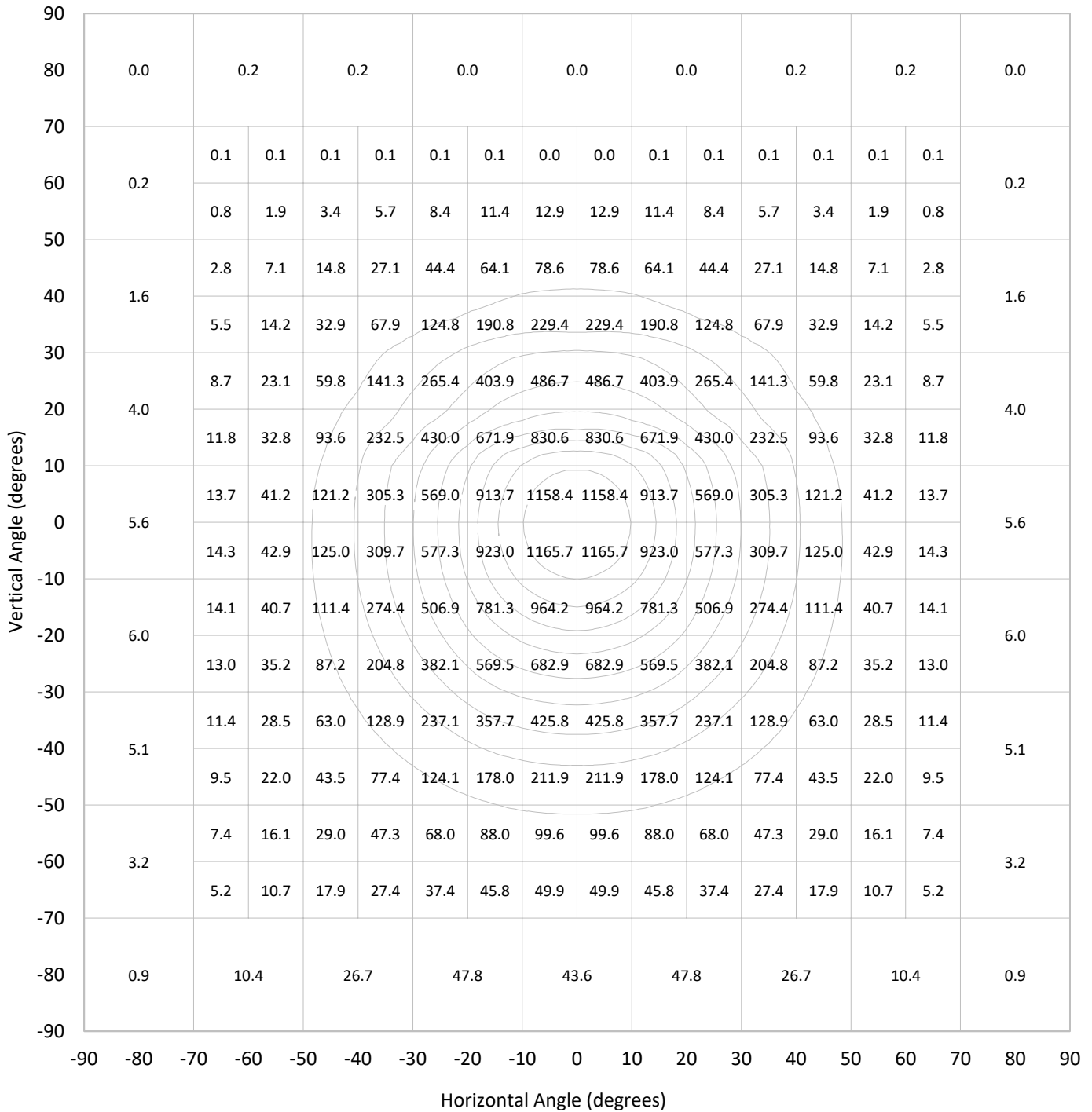
Iso-Candela Plot





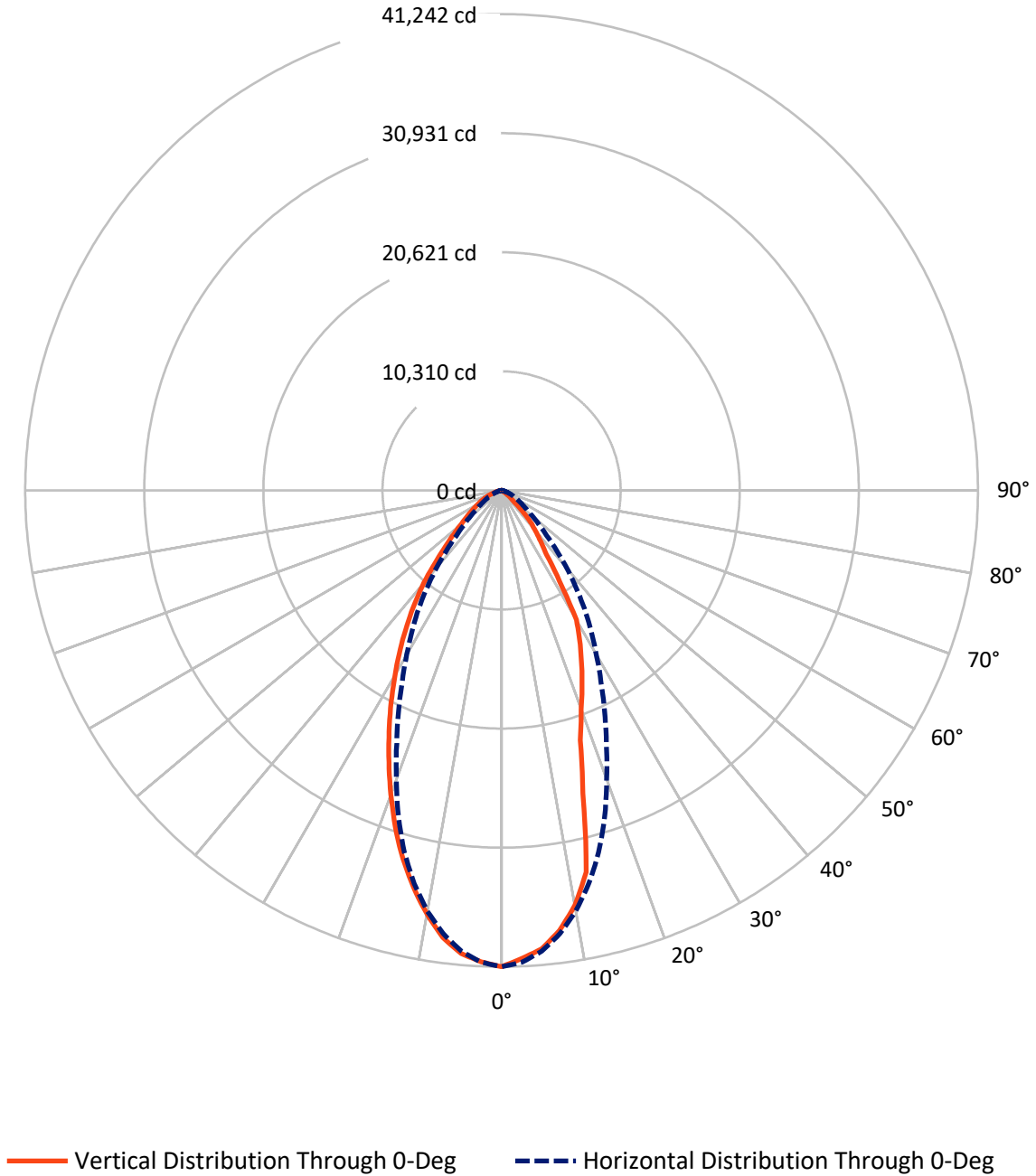
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Lumen Table



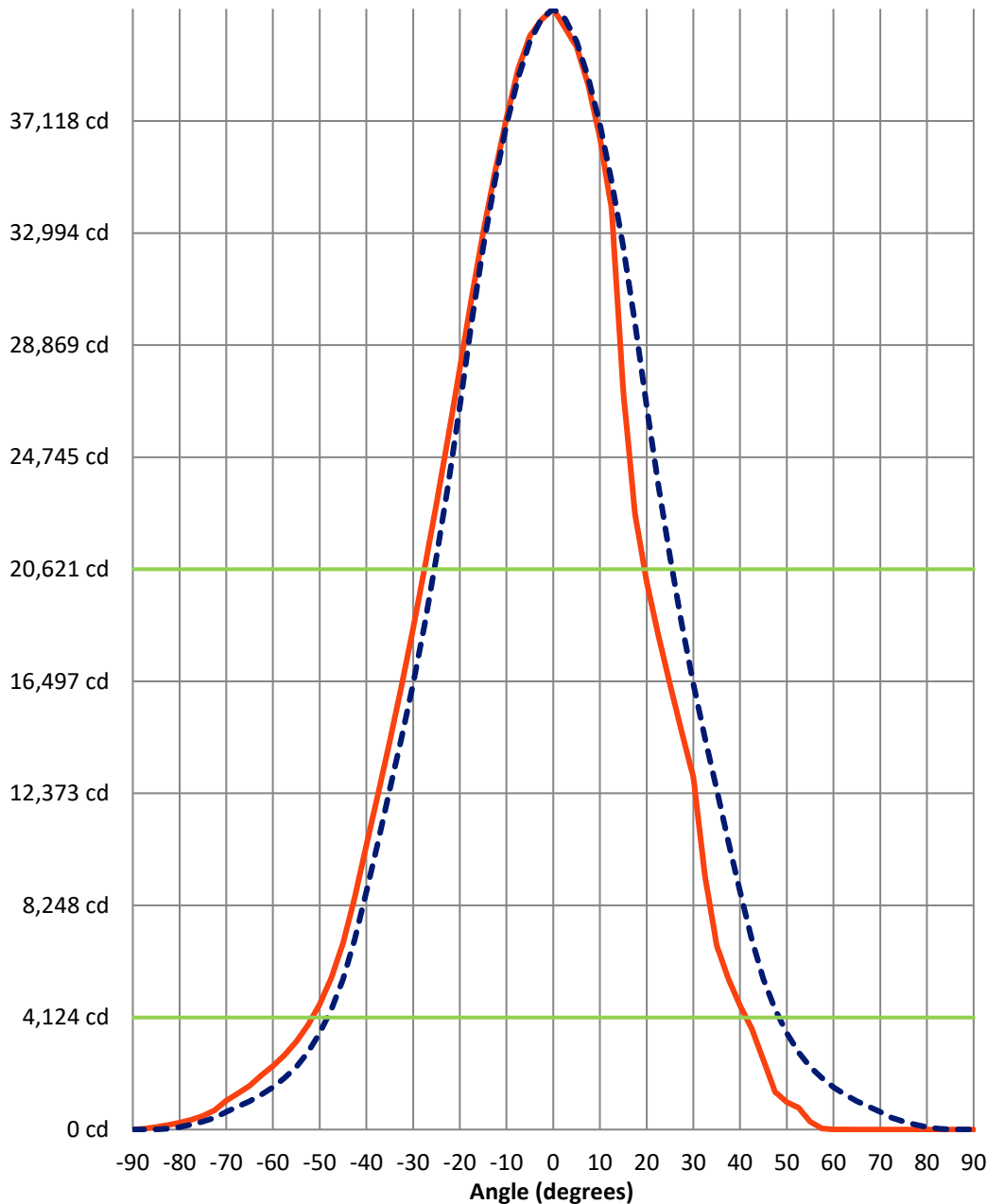
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 17517.3
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 32576.3
 Efficiency: 89.5%

Spill:
 Lumens: 3807.9
 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	0.5	0.6	0.8	0.9	1.0	1.1	1.2
85°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.7	2.0	2.2	2.4
82.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.2	2.6	2.9	2.9	2.9
80°	0.0	0.5	1.0	1.5	2.0	2.5	2.9	2.9	2.9	2.9	2.9
77.5°	0.0	0.6	1.3	1.9	2.5	2.9	2.9	2.9	2.9	2.9	2.9
75°	0.0	0.8	1.5	2.2	2.9	2.9	2.9	2.9	2.9	2.9	2.9
72.5°	0.0	0.9	1.7	2.6	2.9	2.9	2.9	2.9	2.9	2.9	2.9
70°	0.0	1.0	2.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.2
67.5°	0.0	1.1	2.2	2.9	2.9	2.9	3.2	2.9	2.9	3.8	3.6
65°	0.0	1.2	2.4	2.9	2.9	3.2	3.5	2.9	4.2	4.8	5.6
62.5°	0.0	1.3	2.7	2.9	2.9	3.9	4.0	4.0	5.6	7.9	12.2
60°	0.0	1.4	2.9	2.9	2.9	4.7	4.6	5.5	7.1	19.5	21.1
57.5°	0.0	1.6	2.9	2.9	3.7	5.5	7.9	7.6	19.2	32.8	36.1
55°	0.0	1.7	3.0	2.9	4.6	6.5	12.2	11.2	35.2	49.5	56.0
52.5°	0.0	1.8	3.0	2.9	5.6	8.1	17.0	27.6	52.6	73.6	79.3
50°	0.0	1.9	3.1	2.9	6.6	13.2	22.5	45.8	73.5	100.2	121.0
47.5°	0.0	2.0	3.2	3.1	7.6	18.7	30.0	64.1	100.9	129.4	164.2
45°	0.0	2.1	3.3	3.9	8.7	24.5	45.9	82.6	128.5	167.6	206.8
42.5°	0.0	2.1	3.4	4.7	9.8	30.6	61.8	104.3	155.9	205.3	254.2
40°	0.0	2.2	3.5	5.8	12.9	37.1	77.6	128.1	184.5	242.2	303.7
37.5°	0.0	2.3	3.6	7.1	17.9	43.8	93.3	151.6	215.4	280.1	354.2
35°	0.0	2.4	3.7	8.5	23.0	54.4	108.8	174.8	246.4	325.4	409.1
32.5°	0.0	2.4	3.9	9.9	28.2	66.7	125.2	197.5	277.5	371.8	471.0
30°	0.0	2.5	4.0	11.5	33.3	78.7	143.7	220.7	308.6	419.3	533.3
27.5°	0.0	2.6	4.1	13.2	39.3	90.3	161.5	246.0	342.7	467.6	595.8
25°	0.0	2.6	4.3	15.0	45.2	101.5	178.8	270.8	382.0	518.9	658.3
22.5°	0.0	2.7	4.5	16.8	51.0	112.4	195.3	294.9	420.9	570.8	721.7
20°	0.0	2.7	4.6	18.6	56.6	123.0	211.0	318.2	459.2	621.7	782.1
17.5°	0.0	2.8	4.8	20.5	62.0	133.0	225.6	340.6	496.5	671.0	839.4
15°	0.0	2.8	5.0	22.3	67.1	142.3	238.9	360.5	532.5	718.6	893.4
12.5°	0.0	2.8	5.1	24.2	72.0	151.0	251.2	377.1	562.3	764.0	943.9
10°	0.0	2.9	5.3	26.0	76.6	158.9	262.3	392.0	586.1	790.9	983.6
7.5°	0.0	2.9	5.5	27.7	80.8	166.0	272.2	405.0	607.1	811.3	1004.4
5°	0.0	2.9	5.6	29.4	84.7	172.4	281.0	416.2	625.0	827.6	1021.2
2.5°	0.0	2.9	5.8	31.0	88.2	177.9	288.4	425.6	639.6	839.9	1034.0
0°	0.0	2.9	5.9	32.4	91.3	182.6	294.6	433.0	651.0	848.4	1042.8
-2.5°	0.0	3.1	6.8	34.5	95.5	188.4	302.6	445.5	663.8	860.7	1056.6
-5°	0.0	3.3	7.7	36.3	99.2	193.2	309.3	455.9	673.1	869.5	1066.5
-7.5°	0.0	3.5	8.5	38.0	102.3	197.1	314.5	464.1	679.0	874.9	1072.3
-10°	0.0	3.6	9.3	39.5	104.9	200.0	318.2	470.0	681.5	877.2	1074.1
-12.5°	0.0	3.8	10.1	40.8	106.8	202.0	320.5	473.3	680.7	875.8	1069.1
-15°	0.0	3.9	10.8	41.8	108.1	202.9	321.1	474.0	675.8	868.2	1058.7
-17.5°	0.0	4.0	11.5	42.6	108.7	202.8	320.2	473.1	667.1	857.8	1044.3
-20°	0.0	4.2	12.1	43.2	108.6	201.7	319.3	470.9	656.1	844.9	1026.0

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.3	12.7	43.4	107.7	199.5	319.5	466.6	643.2	829.5	1003.7
-25°	0.0	4.3	13.1	43.4	106.0	198.7	318.0	460.4	628.4	811.8	977.6
-27.5°	0.0	4.4	13.5	43.1	103.6	197.9	315.0	452.2	612.1	791.4	953.5
-30°	0.0	4.4	13.8	42.5	100.6	195.8	310.3	442.2	597.6	768.4	927.5
-32.5°	0.0	4.5	14.1	41.6	99.3	192.4	304.1	433.9	583.4	744.4	899.7
-35°	0.0	4.5	14.2	40.4	97.3	187.8	298.2	424.8	567.2	719.6	870.2
-37.5°	0.0	4.5	14.3	38.9	94.3	182.8	291.4	413.9	549.1	694.2	835.4
-40°	0.0	4.4	14.2	37.0	90.6	178.3	283.0	401.1	529.3	670.4	798.4
-42.5°	0.0	4.4	14.1	35.3	87.9	172.7	273.0	386.5	510.9	639.5	758.9
-45°	0.0	4.3	13.9	34.0	86.2	166.0	261.4	371.2	492.0	606.4	717.8
-47.5°	0.0	4.2	13.5	32.1	83.5	158.1	248.2	355.6	470.9	572.2	679.8
-50°	0.0	4.1	13.1	31.5	80.0	149.2	236.6	338.0	443.2	541.1	640.6
-52.5°	0.0	3.9	12.6	31.1	75.6	139.2	224.2	318.6	415.7	508.5	600.8
-55°	0.0	3.8	12.0	30.3	70.4	131.0	210.3	297.9	387.3	474.7	563.3
-57.5°	0.0	3.6	11.4	29.1	64.3	122.1	195.2	279.4	357.4	440.5	524.6
-60°	0.0	3.4	10.6	27.5	57.7	112.0	179.0	257.2	326.8	405.1	484.6
-62.5°	0.0	3.2	10.0	25.6	53.7	100.7	163.3	232.5	296.5	368.2	443.2
-65°	0.0	2.9	9.3	23.3	49.1	88.4	146.1	206.6	264.2	329.4	400.3
-67.5°	0.0	2.7	8.5	20.7	43.9	77.3	127.4	180.5	230.2	288.3	352.8
-70°	0.0	2.4	7.7	17.9	38.2	67.8	107.4	153.5	198.0	245.3	301.7
-72.5°	0.0	2.1	6.8	15.8	32.0	57.6	91.3	125.6	164.8	206.3	250.2
-75°	0.0	1.9	5.9	13.7	25.4	46.6	74.9	102.4	130.7	166.4	204.1
-77.5°	0.0	1.6	5.0	11.6	21.1	35.1	57.8	80.4	103.8	128.4	157.0
-80°	0.0	1.3	4.0	9.4	17.0	26.9	39.9	58.1	77.2	97.3	118.3
-82.5°	0.0	1.0	3.1	7.1	12.9	20.3	29.4	38.8	50.2	65.7	81.9
-85°	0.0	0.6	2.0	4.8	8.7	13.6	19.7	26.0	33.1	41.0	49.6
-87.5°	0.0	0.3	1.0	2.4	4.3	6.8	9.9	13.1	16.6	20.5	24.9
-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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 CATALOG NUMBER: GFLD-SA6D-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.3	1.4	1.6	1.7	1.8	1.9	2.0	2.1	2.1	2.2	2.3
85°	2.7	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
82.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
80°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
77.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
75°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
72.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
70°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.4
67.5°	2.9	2.9	2.9	3.0	2.9	2.9	2.9	2.9	2.9	2.2	1.5
65°	2.9	2.9	4.0	4.3	3.1	2.9	2.9	2.9	3.0	2.6	2.7
62.5°	4.3	5.3	6.6	10.2	7.6	2.9	5.7	6.7	4.5	3.6	3.9
60°	12.9	8.8	22.6	31.4	20.5	10.8	13.3	26.7	22.0	6.0	15.6
57.5°	26.0	32.1	57.0	59.8	46.0	31.1	68.2	75.6	62.7	39.4	56.7
55°	54.2	76.1	96.3	95.2	95.7	120.3	141.5	138.9	122.4	168.8	212.6
52.5°	102.6	125.4	138.8	151.2	185.5	208.4	214.9	227.9	275.9	333.4	343.8
50°	150.5	174.0	191.7	236.4	271.7	289.7	306.5	350.5	423.1	462.5	468.9
47.5°	199.1	225.4	271.6	320.6	354.7	382.0	411.2	511.1	592.1	625.6	637.8
45°	249.8	295.2	352.9	403.3	442.8	479.7	574.5	710.9	767.9	819.3	950.3
42.5°	302.4	370.8	435.8	488.6	533.1	610.4	742.2	874.4	956.0	1065.5	1223.7
40°	369.5	446.1	521.5	575.2	630.7	747.8	911.1	1050.9	1137.3	1284.2	1464.5
37.5°	437.6	527.2	608.6	665.2	743.3	901.7	1093.6	1261.1	1368.2	1487.8	1777.5
35°	504.9	609.9	693.4	769.3	865.8	1084.2	1320.6	1507.1	1639.5	1844.3	2210.9
32.5°	576.7	694.1	779.5	882.8	1041.3	1285.6	1576.0	1783.0	2002.5	2297.2	2884.4
30°	653.2	773.0	871.2	995.3	1207.9	1492.9	1829.9	2090.0	2388.1	2866.6	3499.5
27.5°	729.4	851.5	972.5	1130.4	1363.9	1671.8	2023.8	2433.9	2819.0	3354.1	4046.0
25°	802.7	931.6	1071.9	1262.7	1515.1	1837.5	2221.7	2694.8	3197.4	3809.5	4621.9
22.5°	872.6	1012.9	1177.1	1382.1	1642.8	1994.8	2453.0	3008.7	3612.7	4246.7	5180.3
20°	941.2	1103.7	1292.1	1521.6	1760.3	2139.8	2679.2	3352.1	4109.1	4977.6	5892.5
17.5°	1009.0	1193.3	1410.8	1666.0	1955.1	2343.6	2911.1	3712.2	4633.5	5763.9	6890.4
15°	1075.3	1281.2	1525.7	1808.6	2151.7	2616.0	3260.5	4141.0	5254.1	6607.9	7942.2
12.5°	1139.6	1366.5	1635.9	1947.9	2342.4	2872.4	3589.9	4539.8	5815.3	7432.5	9071.8
10°	1201.3	1448.3	1740.6	2082.3	2525.0	3111.0	3881.0	4884.7	6238.6	7905.3	9728.4
7.5°	1232.7	1503.6	1829.9	2210.2	2697.2	3330.1	4134.3	5176.3	6569.3	8285.5	10113.5
5°	1255.2	1529.0	1863.5	2261.2	2791.9	3479.1	4328.2	5414.6	6813.0	8571.5	10374.3
2.5°	1272.5	1547.2	1887.9	2290.1	2829.4	3528.7	4392.2	5497.7	6943.8	8720.8	10526.3
0°	1284.4	1558.4	1903.0	2306.6	2848.6	3552.7	4421.7	5532.3	6999.3	8755.1	10581.5
-2.5°	1297.0	1573.6	1918.8	2332.2	2875.7	3585.4	4454.2	5556.8	7040.9	8764.6	10611.4
-5°	1304.2	1581.8	1925.1	2344.6	2884.4	3591.5	4451.9	5533.5	7007.8	8695.8	10546.5
-7.5°	1306.3	1582.7	1921.6	2342.2	2873.3	3563.7	4404.9	5464.4	6893.5	8556.6	10387.2
-10°	1303.1	1575.7	1909.0	2320.9	2840.9	3505.9	4320.7	5344.8	6705.8	8326.8	10118.1
-12.5°	1293.5	1561.0	1886.3	2286.2	2788.9	3423.6	4202.2	5174.2	6445.0	8007.3	9738.7
-15°	1278.2	1539.0	1853.4	2238.2	2717.0	3317.7	4049.8	4952.7	6109.2	7601.1	9266.4
-17.5°	1257.2	1509.9	1810.5	2176.9	2625.1	3189.1	3865.6	4693.4	5747.1	7147.9	8741.2
-20°	1230.4	1473.6	1757.3	2102.6	2519.3	3053.6	3694.7	4463.9	5408.3	6628.8	8121.6

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Scaled Data Report



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1197.7	1430.4	1701.1	2031.4	2425.4	2913.0	3503.6	4203.6	5028.1	6028.9	7445.1
-25°	1164.2	1389.0	1646.5	1952.1	2318.1	2753.6	3284.9	3922.7	4669.4	5585.4	6756.3
-27.5°	1131.1	1341.4	1583.3	1860.7	2197.9	2589.2	3079.3	3660.8	4326.2	5105.1	6058.6
-30°	1093.9	1288.2	1513.6	1764.9	2082.7	2446.0	2869.6	3367.8	3959.5	4663.4	5492.2
-32.5°	1053.2	1231.1	1446.1	1682.0	1959.3	2290.0	2656.4	3107.0	3621.8	4202.5	4918.9
-35°	1012.6	1182.4	1376.9	1592.7	1826.8	2136.5	2473.2	2847.0	3284.9	3799.1	4372.1
-37.5°	973.7	1129.3	1302.8	1504.0	1723.6	1980.7	2278.2	2615.7	2992.6	3401.7	3896.7
-40°	930.3	1071.9	1236.1	1418.3	1612.6	1835.4	2103.6	2390.1	2714.6	3074.5	3456.8
-42.5°	883.1	1019.2	1169.0	1326.0	1504.3	1703.4	1925.8	2187.8	2457.4	2759.0	3092.6
-45°	836.8	961.8	1098.9	1242.3	1392.2	1568.1	1770.1	1988.1	2227.1	2473.2	2753.5
-47.5°	788.1	902.3	1029.9	1154.8	1287.6	1437.7	1609.1	1806.9	2006.3	2225.4	2442.7
-50°	739.4	846.5	953.8	1070.3	1189.3	1314.2	1459.0	1629.8	1811.2	1993.0	2184.3
-52.5°	695.7	788.4	885.3	985.3	1093.8	1204.9	1325.5	1466.2	1624.9	1785.1	1950.0
-55°	651.1	736.5	816.6	906.2	1000.0	1100.0	1207.6	1326.0	1445.7	1591.7	1733.5
-57.5°	607.5	683.3	752.9	829.3	912.7	997.8	1094.7	1195.3	1304.0	1414.3	1530.4
-60°	563.9	628.2	691.4	757.4	827.4	903.0	981.1	1069.4	1162.7	1258.4	1359.0
-62.5°	518.7	570.9	626.5	687.0	748.6	806.8	872.2	944.5	1021.4	1103.6	1188.8
-65°	468.1	511.4	557.9	610.5	668.4	715.3	765.3	819.7	883.2	951.0	1017.9
-67.5°	414.1	452.5	490.4	529.5	576.3	618.4	659.6	702.8	750.3	805.6	859.3
-70°	354.0	392.3	425.7	458.1	487.9	517.8	552.8	586.9	625.2	674.9	723.7
-72.5°	292.9	328.7	360.4	387.9	408.9	426.8	448.2	473.0	509.7	555.8	598.9
-75°	236.9	265.8	295.4	321.9	335.4	340.8	345.2	358.2	395.4	442.7	484.5
-77.5°	184.5	209.7	233.8	256.9	266.4	270.1	271.9	271.8	299.2	339.5	381.9
-80°	135.9	153.4	173.8	193.5	199.4	201.1	201.3	200.1	222.5	251.5	282.6
-82.5°	94.4	107.0	120.1	133.5	135.2	134.3	132.3	130.4	148.5	169.5	191.0
-85°	55.0	60.3	68.3	76.5	77.4	77.0	75.6	73.2	83.3	94.7	106.7
-87.5°	27.5	30.2	32.8	35.5	34.6	33.2	31.4	29.2	32.0	34.9	38.0
-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: P627942 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.4	1.8	1.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.9	2.2	1.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	2.9	2.2	1.5	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.9	2.3	1.6	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	2.9	2.4	1.6	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0
75°	2.9	2.4	1.7	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2.9	2.5	1.7	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.7	0.8	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.3	1.5	1.5	1.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0
65°	3.0	2.9	2.2	1.4	0.7	0.5	0.7	0.6	0.3	0.0	0.0
62.5°	3.8	3.6	2.6	2.5	2.7	2.9	2.3	2.0	1.9	2.1	2.4
60°	16.6	9.5	9.7	12.3	10.5	4.8	9.6	12.2	11.4	8.6	7.5
57.5°	84.5	70.8	49.5	82.9	85.4	59.5	64.5	84.2	81.6	63.1	62.9
55°	213.0	216.1	232.1	253.0	268.5	275.7	282.0	313.7	347.5	380.7	397.3
52.5°	351.9	393.1	444.3	478.1	501.8	550.3	618.2	649.4	679.7	714.2	739.1
50°	518.3	589.8	641.2	648.7	729.4	781.8	794.1	852.6	916.3	956.0	984.5
47.5°	771.0	861.5	906.3	934.9	1033.1	1140.8	1141.0	1174.6	1334.1	1417.6	1457.8
45°	1110.5	1186.0	1265.2	1471.0	1660.2	1720.2	1848.7	2022.8	2136.0	2291.7	2462.9
42.5°	1399.7	1541.3	1739.7	1966.3	2156.1	2314.0	2504.9	2714.2	2965.5	3201.9	3405.8
40°	1685.8	1861.1	2106.9	2353.4	2592.3	2811.1	3118.8	3387.9	3684.4	4009.5	4280.5
37.5°	2059.1	2283.6	2537.6	2848.4	3220.2	3463.1	3886.4	4273.0	4607.1	4999.7	5241.6
35°	2632.6	2925.2	3150.0	3778.3	4230.6	4514.7	5015.8	5651.2	5895.2	6389.7	6624.3
32.5°	3353.5	3742.3	4334.1	5166.2	5770.1	6293.1	7042.1	7686.9	8236.5	8733.2	9249.8
30°	4163.6	4763.6	5635.9	6741.5	7354.9	8087.4	9100.4	9864.9	10726.9	11673.0	12004.4
27.5°	4898.7	5797.4	6810.1	7705.7	8586.7	9499.1	10494.4	11476.6	12409.5	13196.7	13725.1
25°	5580.1	6668.4	7652.7	8609.7	9564.3	10591.8	11717.5	12831.5	13858.0	14668.1	15284.1
22.5°	6282.8	7432.6	8485.6	9456.7	10567.1	11731.4	12928.6	14206.3	15374.6	16215.0	16886.0
20°	6943.5	8222.4	9423.4	10529.1	11578.8	12922.9	14301.5	15656.7	16929.0	17930.1	18703.7
17.5°	7992.4	9102.5	10570.4	12006.8	13189.3	14424.0	16266.1	17664.9	19076.8	20275.7	21095.8
15°	9280.4	10501.1	12016.9	13989.5	15609.8	17024.4	18927.4	21203.0	22868.3	24398.8	25448.8
12.5°	10569.4	11950.2	13589.7	15809.6	18116.5	19782.8	22091.5	24975.0	26914.7	29284.3	30452.6
10°	11557.4	13291.3	14979.7	17005.5	19221.0	21593.9	24082.6	26780.4	29372.1	31406.8	33225.8
7.5°	11955.3	13802.0	15756.6	17823.5	20038.8	22487.8	25140.4	27947.5	30614.8	32887.5	34886.4
5°	12252.6	14144.8	16112.3	18225.8	20593.9	23151.4	25843.5	28790.6	31514.6	33950.5	35995.5
2.5°	12441.5	14351.6	16310.5	18459.3	20950.0	23583.3	26362.0	29387.2	32152.0	34659.7	36698.2
0°	12514.0	14396.4	16402.5	18614.8	21080.5	23720.0	26618.7	29679.5	32466.2	34890.7	36988.1
-2.5°	12523.8	14354.7	16408.5	18610.0	20969.3	23633.5	26567.2	29602.4	32332.6	34747.2	36863.4
-5°	12425.5	14255.7	16311.3	18479.5	20842.0	23486.1	26293.9	29227.0	31830.8	34180.8	36218.3
-7.5°	12226.2	14051.3	16061.5	18180.0	20478.9	23043.6	25740.4	28467.2	31021.6	33275.5	35219.9
-10°	11930.5	13717.2	15657.8	17722.0	19897.2	22336.7	24908.2	27513.5	29908.9	31993.3	33791.3
-12.5°	11530.1	13275.5	15128.7	17099.3	19124.1	21449.9	23877.9	26324.5	28507.9	30410.7	32024.0
-15°	11010.1	12714.8	14509.2	16372.8	18336.3	20439.6	22618.6	24862.8	26876.4	28563.9	30037.7
-17.5°	10397.5	12050.8	13755.0	15482.5	17345.5	19318.9	21341.6	23356.1	25073.5	26572.6	27920.3
-20°	9714.5	11307.4	12926.2	14536.7	16226.9	18052.0	19920.2	21689.7	23190.5	24552.7	25785.9



REPORT NUMBER: P627942 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	8948.7	10473.5	12025.0	13532.2	15056.4	16708.9	18377.2	19977.5	21381.4	22546.6	23618.3
-25°	8129.0	9537.8	11002.9	12416.1	13819.0	15299.8	16815.2	18287.6	19523.1	20534.8	21420.3
-27.5°	7303.0	8590.4	9881.2	11211.6	12508.3	13874.9	15246.8	16518.5	17627.8	18559.3	19303.4
-30°	6434.8	7585.7	8764.5	9968.2	11206.4	12457.0	13696.6	14810.0	15778.4	16597.7	17240.8
-32.5°	5713.2	6587.6	7628.3	8721.0	9881.7	11021.1	12099.5	13114.4	14026.8	14742.2	15287.5
-35°	5021.6	5762.1	6541.5	7508.7	8505.9	9554.4	10546.3	11452.1	12265.5	12890.6	13403.6
-37.5°	4427.1	5012.7	5671.9	6362.4	7198.4	8065.2	8960.4	9812.3	10537.6	11082.9	11541.1
-40°	3912.5	4374.8	4901.5	5448.9	6064.0	6686.8	7466.3	8185.2	8777.2	9286.9	9702.1
-42.5°	3447.3	3837.5	4226.3	4675.4	5139.5	5640.1	6187.1	6718.9	7173.2	7599.8	7952.4
-45°	3045.7	3357.4	3667.4	4014.2	4354.9	4762.0	5152.8	5501.6	5869.6	6189.0	6440.4
-47.5°	2694.6	2937.6	3203.3	3462.9	3736.5	4043.1	4333.9	4599.3	4868.9	5102.5	5289.9
-50°	2382.4	2583.9	2800.9	3004.8	3226.1	3450.3	3665.5	3876.5	4081.3	4259.0	4397.3
-52.5°	2109.3	2285.3	2454.3	2616.7	2792.7	2958.7	3114.4	3288.6	3448.8	3588.9	3683.5
-55°	1876.7	2020.4	2158.9	2294.6	2427.6	2553.5	2677.6	2812.8	2936.4	3047.7	3118.2
-57.5°	1658.3	1780.6	1897.9	2008.6	2114.2	2214.3	2318.8	2422.8	2518.1	2602.0	2656.5
-60°	1459.5	1559.5	1661.0	1751.3	1836.5	1916.4	2004.4	2087.6	2164.5	2229.1	2266.8
-62.5°	1277.4	1367.1	1442.0	1513.5	1586.0	1658.0	1720.5	1781.9	1841.2	1891.2	1924.1
-65°	1087.2	1163.1	1226.9	1284.3	1336.2	1392.0	1445.3	1493.5	1536.3	1568.9	1589.7
-67.5°	916.8	972.8	1023.9	1069.5	1115.9	1160.5	1201.5	1238.1	1270.3	1293.0	1308.0
-70°	768.9	811.6	853.4	894.9	936.2	971.0	1000.8	1028.1	1052.9	1063.2	1067.8
-72.5°	639.0	676.8	713.6	750.2	784.5	811.7	833.6	853.6	871.7	856.2	829.0
-75°	521.1	554.5	588.8	621.1	651.4	672.2	688.4	703.3	716.9	683.3	636.9
-77.5°	424.7	454.0	479.4	504.6	529.5	542.8	553.1	563.2	572.9	535.3	487.8
-80°	315.1	338.7	360.3	381.5	402.3	410.2	414.7	417.8	419.5	387.4	350.1
-82.5°	212.9	225.1	237.0	249.3	262.0	268.6	273.6	277.4	280.2	257.3	231.6
-85°	119.3	123.0	125.9	128.3	130.4	134.5	138.5	142.2	145.5	134.7	122.7
-87.5°	41.0	41.0	40.8	40.5	40.1	40.1	40.1	40.0	39.8	38.1	36.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627942 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6
62.5°	2.6	2.8	2.9	2.9	2.9	2.8	2.6	2.4	2.1	1.9	2.0
60°	5.8	3.5	2.9	2.9	2.9	3.5	5.8	7.5	8.6	11.4	12.2
57.5°	58.6	51.1	45.9	41.2	45.9	51.1	58.6	62.9	63.1	81.6	84.2
55°	390.1	363.2	330.3	291.6	330.3	363.2	390.1	397.3	380.7	347.5	313.7
52.5°	765.3	790.7	805.5	804.2	805.5	790.7	765.3	739.1	714.2	679.7	649.4
50°	1007.4	1021.2	1021.9	1010.4	1021.9	1021.2	1007.4	984.5	956.0	916.3	852.6
47.5°	1476.0	1456.6	1423.3	1387.5	1423.3	1456.6	1476.0	1457.8	1417.6	1334.1	1174.6
45°	2575.5	2637.5	2633.5	2554.1	2633.5	2637.5	2575.5	2462.9	2291.7	2136.0	2022.8
42.5°	3519.7	3612.6	3678.4	3711.8	3678.4	3612.6	3519.7	3405.8	3201.9	2965.5	2714.2
40°	4433.2	4522.9	4562.4	4560.2	4562.4	4522.9	4433.2	4280.5	4009.5	3684.4	3387.9
37.5°	5398.5	5514.6	5570.9	5544.1	5570.9	5514.6	5398.5	5241.6	4999.7	4607.1	4273.0
35°	6725.9	6834.6	6836.6	6781.3	6836.6	6834.6	6725.9	6624.3	6389.7	5895.2	5651.2
32.5°	9659.9	9696.3	9416.9	9317.7	9416.9	9696.3	9659.9	9249.8	8733.2	8236.5	7686.9
30°	12334.2	12592.0	12831.9	12952.9	12831.9	12592.0	12334.2	12004.4	11673.0	10726.9	9864.9
27.5°	14123.4	14433.5	14625.7	14637.9	14625.7	14433.5	14123.4	13725.1	13196.7	12409.5	11476.6
25°	15750.7	16097.6	16307.2	16378.9	16307.2	16097.6	15750.7	15284.1	14668.1	13858.0	12831.5
22.5°	17455.5	17864.3	18135.2	18190.6	18135.2	17864.3	17455.5	16886.0	16215.0	15374.6	14206.3
20°	19433.6	19909.4	20169.1	20158.5	20169.1	19909.4	19433.6	18703.7	17930.1	16929.0	15656.7
17.5°	22037.7	22548.0	22772.2	22674.2	22772.2	22548.0	22037.7	21095.8	20275.7	19076.8	17664.9
15°	26526.5	27594.0	27589.7	27163.7	27589.7	27594.0	26526.5	25448.8	24398.8	22868.3	21203.0
12.5°	32063.5	32859.1	33675.3	33850.8	33675.3	32859.1	32063.5	30452.6	29284.3	26914.7	24975.0
10°	34757.7	35814.3	36511.6	36493.2	36511.6	35814.3	34757.7	33225.8	31406.8	29372.1	26780.4
7.5°	36443.4	37610.6	38455.6	38437.5	38455.6	37610.6	36443.4	34886.4	32887.5	30614.8	27947.5
5°	37744.1	39038.8	39787.3	39842.6	39787.3	39038.8	37744.1	35995.5	33950.5	31514.6	28790.6
2.5°	38420.0	39771.2	40671.1	40552.6	40671.1	39771.2	38420.0	36698.2	34659.7	32152.0	29387.2
0°	38702.6	40040.0	40879.6	41241.9	40879.6	40040.0	38702.6	36988.1	34890.7	32466.2	29679.5
-2.5°	38579.1	39880.6	40808.4	40844.2	40808.4	39880.6	38579.1	36863.4	34747.2	32332.6	29602.4
-5°	37918.1	39291.4	39913.1	40243.3	39913.1	39291.4	37918.1	36218.3	34180.8	31830.8	29227.0
-7.5°	36852.2	37881.2	38670.9	39035.5	38670.9	37881.2	36852.2	35219.9	33275.5	31021.6	28467.2
-10°	35193.0	36258.5	36925.8	37226.7	36925.8	36258.5	35193.0	33791.3	31993.3	29908.9	27513.5
-12.5°	33355.1	34323.4	34957.8	35211.8	34957.8	34323.4	33355.1	32024.0	30410.7	28507.9	26324.5
-15°	31304.6	32183.7	32767.6	33011.2	32767.6	32183.7	31304.6	30037.7	28563.9	26876.4	24862.8
-17.5°	29047.3	29817.7	30399.5	30575.0	30399.5	29817.7	29047.3	27920.3	26572.6	25073.5	23356.1
-20°	26726.2	27422.7	27901.8	28006.2	27901.8	27422.7	26726.2	25785.9	24552.7	23190.5	21689.7



REPORT NUMBER: P627942 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	24387.5	24961.2	25350.4	25481.6	25350.4	24961.2	24387.5	23618.3	22546.6	21381.4	19977.5
-25°	22102.0	22597.1	22910.4	23027.7	22910.4	22597.1	22102.0	21420.3	20534.8	19523.1	18287.6
-27.5°	19903.8	20365.3	20653.2	20691.7	20653.2	20365.3	19903.8	19303.4	18559.3	17627.8	16518.5
-30°	17740.9	18122.2	18344.1	18438.1	18344.1	18122.2	17740.9	17240.8	16597.7	15778.4	14810.0
-32.5°	15719.6	16052.7	16252.0	16305.3	16252.0	16052.7	15719.6	15287.5	14742.2	14026.8	13114.4
-35°	13811.5	14119.0	14295.7	14281.5	14295.7	14119.0	13811.5	13403.6	12890.6	12265.5	11452.1
-37.5°	11919.9	12203.7	12363.9	12349.0	12363.9	12203.7	11919.9	11541.1	11082.9	10537.6	9812.3
-40°	10043.4	10288.3	10429.4	10463.7	10429.4	10288.3	10043.4	9702.1	9286.9	8777.2	8185.2
-42.5°	8245.6	8471.6	8584.6	8540.0	8584.6	8471.6	8245.6	7952.4	7599.8	7173.2	6718.9
-45°	6616.3	6733.2	6810.1	6857.9	6810.1	6733.2	6616.3	6440.4	6189.0	5869.6	5501.6
-47.5°	5427.0	5523.9	5576.2	5585.3	5576.2	5523.9	5427.0	5289.9	5102.5	4868.9	4599.3
-50°	4504.8	4587.2	4623.6	4613.2	4623.6	4587.2	4504.8	4397.3	4259.0	4081.3	3876.5
-52.5°	3751.6	3799.3	3831.6	3847.3	3831.6	3799.3	3751.6	3683.5	3588.9	3448.8	3288.6
-55°	3171.2	3208.4	3230.2	3237.5	3230.2	3208.4	3171.2	3118.2	3047.7	2936.4	2812.8
-57.5°	2701.9	2737.3	2750.1	2745.5	2750.1	2737.3	2701.9	2656.5	2602.0	2518.1	2422.8
-60°	2295.8	2316.1	2331.2	2339.0	2331.2	2316.1	2295.8	2266.8	2229.1	2164.5	2087.6
-62.5°	1950.3	1969.3	1985.1	1994.3	1985.1	1969.3	1950.3	1924.1	1891.2	1841.2	1781.9
-65°	1604.2	1612.7	1615.0	1611.4	1615.0	1612.7	1604.2	1589.7	1568.9	1536.3	1493.5
-67.5°	1319.0	1326.1	1330.8	1331.5	1330.8	1326.1	1319.0	1308.0	1293.0	1270.3	1238.1
-70°	1072.3	1075.2	1071.8	1063.5	1071.8	1075.2	1072.3	1067.8	1063.2	1052.9	1028.1
-72.5°	801.1	771.7	742.4	710.0	742.4	771.7	801.1	829.0	856.2	871.7	853.6
-75°	588.9	539.2	521.2	503.7	521.2	539.2	588.9	636.9	683.3	716.9	703.3
-77.5°	438.0	386.3	372.4	359.4	372.4	386.3	438.0	487.8	535.3	572.9	563.2
-80°	311.2	270.8	261.9	253.3	261.9	270.8	311.2	350.1	387.4	419.5	417.8
-82.5°	204.5	176.4	170.7	165.0	170.7	176.4	204.5	231.6	257.3	280.2	277.4
-85°	110.0	96.8	94.1	91.3	94.1	96.8	110.0	122.7	134.7	145.5	142.2
-87.5°	34.3	32.3	32.4	32.4	32.4	32.3	34.3	36.2	38.1	39.8	40.0
-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: P627942 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.6	1.3	1.8	2.4	2.3	2.2	2.1	2.1
85°	0.0	0.0	0.0	0.8	1.5	2.2	2.9	2.9	2.9	2.9	2.9
82.5°	0.0	0.0	0.1	0.8	1.5	2.2	2.9	2.9	2.9	2.9	2.9
80°	0.0	0.0	0.1	0.8	1.6	2.3	2.9	2.9	2.9	2.9	2.9
77.5°	0.0	0.0	0.2	0.9	1.6	2.4	2.9	2.9	2.9	2.9	2.9
75°	0.0	0.0	0.2	1.0	1.7	2.4	2.9	2.9	2.9	2.9	2.9
72.5°	0.0	0.0	0.2	0.9	1.7	2.5	2.9	2.9	2.9	2.9	2.9
70°	0.0	0.0	0.1	0.1	0.2	0.8	1.7	2.4	2.8	2.9	2.9
67.5°	0.0	0.0	0.5	1.2	1.5	1.5	1.3	1.5	2.2	2.9	2.9
65°	0.7	0.5	0.7	1.4	2.2	2.9	3.0	2.7	2.6	3.0	2.9
62.5°	2.3	2.9	2.7	2.5	2.6	3.6	3.8	3.9	3.6	4.5	6.7
60°	9.6	4.8	10.5	12.3	9.7	9.5	16.6	15.6	6.0	22.0	26.7
57.5°	64.5	59.5	85.4	82.9	49.5	70.8	84.5	56.7	39.4	62.7	75.6
55°	282.0	275.7	268.5	253.0	232.1	216.1	213.0	212.6	168.8	122.4	138.9
52.5°	618.2	550.3	501.8	478.1	444.3	393.1	351.9	343.8	333.4	275.9	227.9
50°	794.1	781.8	729.4	648.7	641.2	589.8	518.3	468.9	462.5	423.1	350.5
47.5°	1141.0	1140.8	1033.1	934.9	906.3	861.5	771.0	637.8	625.6	592.1	511.1
45°	1848.7	1720.2	1660.2	1471.0	1265.2	1186.0	1110.5	950.3	819.3	767.9	710.9
42.5°	2504.9	2314.0	2156.1	1966.3	1739.7	1541.3	1399.7	1223.7	1065.5	956.0	874.4
40°	3118.8	2811.1	2592.3	2353.4	2106.9	1861.1	1685.8	1464.5	1284.2	1137.3	1050.9
37.5°	3886.4	3463.1	3220.2	2848.4	2537.6	2283.6	2059.1	1777.5	1487.8	1368.2	1261.1
35°	5015.8	4514.7	4230.6	3778.3	3150.0	2925.2	2632.6	2210.9	1844.3	1639.5	1507.1
32.5°	7042.1	6293.1	5770.1	5166.2	4334.1	3742.3	3353.5	2884.4	2297.2	2002.5	1783.0
30°	9100.4	8087.4	7354.9	6741.5	5635.9	4763.6	4163.6	3499.5	2866.6	2388.1	2090.0
27.5°	10494.4	9499.1	8586.7	7705.7	6810.1	5797.4	4898.7	4046.0	3354.1	2819.0	2433.9
25°	11717.5	10591.8	9564.3	8609.7	7652.7	6668.4	5580.1	4621.9	3809.5	3197.4	2694.8
22.5°	12928.6	11731.4	10567.1	9456.7	8485.6	7432.6	6282.8	5180.3	4246.7	3612.7	3008.7
20°	14301.5	12922.9	11578.8	10529.1	9423.4	8222.4	6943.5	5892.5	4977.6	4109.1	3352.1
17.5°	16266.1	14424.0	13189.3	12006.8	10570.4	9102.5	7992.4	6890.4	5763.9	4633.5	3712.2
15°	18927.4	17024.4	15609.8	13989.5	12016.9	10501.1	9280.4	7942.2	6607.9	5254.1	4141.0
12.5°	22091.5	19782.8	18116.5	15809.6	13589.7	11950.2	10569.4	9071.8	7432.5	5815.3	4539.8
10°	24082.6	21593.9	19221.0	17005.5	14979.7	13291.3	11557.4	9728.4	7905.3	6238.6	4884.7
7.5°	25140.4	22487.8	20038.8	17823.5	15756.6	13802.0	11955.3	10113.5	8285.5	6569.3	5176.3
5°	25843.5	23151.4	20593.9	18225.8	16112.3	14144.8	12252.6	10374.3	8571.5	6813.0	5414.6
2.5°	26362.0	23583.3	20950.0	18459.3	16310.5	14351.6	12441.5	10526.3	8720.8	6943.8	5497.7
0°	26618.7	23720.0	21080.5	18614.8	16402.5	14396.4	12514.0	10581.5	8755.1	6999.3	5532.3
-2.5°	26567.2	23633.5	20969.3	18610.0	16408.5	14354.7	12523.8	10611.4	8764.6	7040.9	5556.8
-5°	26293.9	23486.1	20842.0	18479.5	16311.3	14255.7	12425.5	10546.5	8695.8	7007.8	5533.5
-7.5°	25740.4	23043.6	20478.9	18180.0	16061.5	14051.3	12226.2	10387.2	8556.6	6893.5	5464.4
-10°	24908.2	22336.7	19897.2	17722.0	15657.8	13717.2	11930.5	10118.1	8326.8	6705.8	5344.8
-12.5°	23877.9	21449.9	19124.1	17099.3	15128.7	13275.5	11530.1	9738.7	8007.3	6445.0	5174.2
-15°	22618.6	20439.6	18336.3	16372.8	14509.2	12714.8	11010.1	9266.4	7601.1	6109.2	4952.7
-17.5°	21341.6	19318.9	17345.5	15482.5	13755.0	12050.8	10397.5	8741.2	7147.9	5747.1	4693.4
-20°	19920.2	18052.0	16226.9	14536.7	12926.2	11307.4	9714.5	8121.6	6628.8	5408.3	4463.9



REPORT NUMBER: P627942 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	18377.2	16708.9	15056.4	13532.2	12025.0	10473.5	8948.7	7445.1	6028.9	5028.1	4203.6
-25°	16815.2	15299.8	13819.0	12416.1	11002.9	9537.8	8129.0	6756.3	5585.4	4669.4	3922.7
-27.5°	15246.8	13874.9	12508.3	11211.6	9881.2	8590.4	7303.0	6058.6	5105.1	4326.2	3660.8
-30°	13696.6	12457.0	11206.4	9968.2	8764.5	7585.7	6434.8	5492.2	4663.4	3959.5	3367.8
-32.5°	12099.5	11021.1	9881.7	8721.0	7628.3	6587.6	5713.2	4918.9	4202.5	3621.8	3107.0
-35°	10546.3	9554.4	8505.9	7508.7	6541.5	5762.1	5021.6	4372.1	3799.1	3284.9	2847.0
-37.5°	8960.4	8065.2	7198.4	6362.4	5671.9	5012.7	4427.1	3896.7	3401.7	2992.6	2615.7
-40°	7466.3	6686.8	6064.0	5448.9	4901.5	4374.8	3912.5	3456.8	3074.5	2714.6	2390.1
-42.5°	6187.1	5640.1	5139.5	4675.4	4226.3	3837.5	3447.3	3092.6	2759.0	2457.4	2187.8
-45°	5152.8	4762.0	4354.9	4014.2	3667.4	3357.4	3045.7	2753.5	2473.2	2227.1	1988.1
-47.5°	4333.9	4043.1	3736.5	3462.9	3203.3	2937.6	2694.6	2442.7	2225.4	2006.3	1806.9
-50°	3665.5	3450.3	3226.1	3004.8	2800.9	2583.9	2382.4	2184.3	1993.0	1811.2	1629.8
-52.5°	3114.4	2958.7	2792.7	2616.7	2454.3	2285.3	2109.3	1950.0	1785.1	1624.9	1466.2
-55°	2677.6	2553.5	2427.6	2294.6	2158.9	2020.4	1876.7	1733.5	1591.7	1445.7	1326.0
-57.5°	2318.8	2214.3	2114.2	2008.6	1897.9	1780.6	1658.3	1530.4	1414.3	1304.0	1195.3
-60°	2004.4	1916.4	1836.5	1751.3	1661.0	1559.5	1459.5	1359.0	1258.4	1162.7	1069.4
-62.5°	1720.5	1658.0	1586.0	1513.5	1442.0	1367.1	1277.4	1188.8	1103.6	1021.4	944.5
-65°	1445.3	1392.0	1336.2	1284.3	1226.9	1163.1	1087.2	1017.9	951.0	883.2	819.7
-67.5°	1201.5	1160.5	1115.9	1069.5	1023.9	972.8	916.8	859.3	805.6	750.3	702.8
-70°	1000.8	971.0	936.2	894.9	853.4	811.6	768.9	723.7	674.9	625.2	586.9
-72.5°	833.6	811.7	784.5	750.2	713.6	676.8	639.0	598.9	555.8	509.7	473.0
-75°	688.4	672.2	651.4	621.1	588.8	554.5	521.1	484.5	442.7	395.4	358.2
-77.5°	553.1	542.8	529.5	504.6	479.4	454.0	424.7	381.9	339.5	299.2	271.8
-80°	414.7	410.2	402.3	381.5	360.3	338.7	315.1	282.6	251.5	222.5	200.1
-82.5°	273.6	268.6	262.0	249.3	237.0	225.1	212.9	191.0	169.5	148.5	130.4
-85°	138.5	134.5	130.4	128.3	125.9	123.0	119.3	106.7	94.7	83.3	73.2
-87.5°	40.1	40.1	40.1	40.5	40.8	41.0	41.0	38.0	34.9	32.0	29.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627942 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.0	1.9	1.8	1.7	1.6	1.4	1.3	1.2	1.1	1.0	0.9
85°	2.9	2.9	2.9	2.9	2.9	2.9	2.7	2.4	2.2	2.0	1.7
82.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.6
80°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
77.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
75°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
72.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
70°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.2	2.9	2.9	2.9
67.5°	2.9	2.9	2.9	3.0	2.9	2.9	2.9	3.6	3.8	2.9	2.9
65°	2.9	2.9	3.1	4.3	4.0	2.9	2.9	5.6	4.8	4.2	2.9
62.5°	5.7	2.9	7.6	10.2	6.6	5.3	4.3	12.2	7.9	5.6	4.0
60°	13.3	10.8	20.5	31.4	22.6	8.8	12.9	21.1	19.5	7.1	5.5
57.5°	68.2	31.1	46.0	59.8	57.0	32.1	26.0	36.1	32.8	19.2	7.6
55°	141.5	120.3	95.7	95.2	96.3	76.1	54.2	56.0	49.5	35.2	11.2
52.5°	214.9	208.4	185.5	151.2	138.8	125.4	102.6	79.3	73.6	52.6	27.6
50°	306.5	289.7	271.7	236.4	191.7	174.0	150.5	121.0	100.2	73.5	45.8
47.5°	411.2	382.0	354.7	320.6	271.6	225.4	199.1	164.2	129.4	100.9	64.1
45°	574.5	479.7	442.8	403.3	352.9	295.2	249.8	206.8	167.6	128.5	82.6
42.5°	742.2	610.4	533.1	488.6	435.8	370.8	302.4	254.2	205.3	155.9	104.3
40°	911.1	747.8	630.7	575.2	521.5	446.1	369.5	303.7	242.2	184.5	128.1
37.5°	1093.6	901.7	743.3	665.2	608.6	527.2	437.6	354.2	280.1	215.4	151.6
35°	1320.6	1084.2	865.8	769.3	693.4	609.9	504.9	409.1	325.4	246.4	174.8
32.5°	1576.0	1285.6	1041.3	882.8	779.5	694.1	576.7	471.0	371.8	277.5	197.5
30°	1829.9	1492.9	1207.9	995.3	871.2	773.0	653.2	533.3	419.3	308.6	220.7
27.5°	2023.8	1671.8	1363.9	1130.4	972.5	851.5	729.4	595.8	467.6	342.7	246.0
25°	2221.7	1837.5	1515.1	1262.7	1071.9	931.6	802.7	658.3	518.9	382.0	270.8
22.5°	2453.0	1994.8	1642.8	1382.1	1177.1	1012.9	872.6	721.7	570.8	420.9	294.9
20°	2679.2	2139.8	1760.3	1521.6	1292.1	1103.7	941.2	782.1	621.7	459.2	318.2
17.5°	2911.1	2343.6	1955.1	1666.0	1410.8	1193.3	1009.0	839.4	671.0	496.5	340.6
15°	3260.5	2616.0	2151.7	1808.6	1525.7	1281.2	1075.3	893.4	718.6	532.5	360.5
12.5°	3589.9	2872.4	2342.4	1947.9	1635.9	1366.5	1139.6	943.9	764.0	562.3	377.1
10°	3881.0	3111.0	2525.0	2082.3	1740.6	1448.3	1201.3	983.6	790.9	586.1	392.0
7.5°	4134.3	3330.1	2697.2	2210.2	1829.9	1503.6	1232.7	1004.4	811.3	607.1	405.0
5°	4328.2	3479.1	2791.9	2261.2	1863.5	1529.0	1255.2	1021.2	827.6	625.0	416.2
2.5°	4392.2	3528.7	2829.4	2290.1	1887.9	1547.2	1272.5	1034.0	839.9	639.6	425.6
0°	4421.7	3552.7	2848.6	2306.6	1903.0	1558.4	1284.4	1042.8	848.4	651.0	433.0
-2.5°	4454.2	3585.4	2875.7	2332.2	1918.8	1573.6	1297.0	1056.6	860.7	663.8	445.5
-5°	4451.9	3591.5	2884.4	2344.6	1925.1	1581.8	1304.2	1066.5	869.5	673.1	455.9
-7.5°	4404.9	3563.7	2873.3	2342.2	1921.6	1582.7	1306.3	1072.3	874.9	679.0	464.1
-10°	4320.7	3505.9	2840.9	2320.9	1909.0	1575.7	1303.1	1074.1	877.2	681.5	470.0
-12.5°	4202.2	3423.6	2788.9	2286.2	1886.3	1561.0	1293.5	1069.1	875.8	680.7	473.3
-15°	4049.8	3317.7	2717.0	2238.2	1853.4	1539.0	1278.2	1058.7	868.2	675.8	474.0
-17.5°	3865.6	3189.1	2625.1	2176.9	1810.5	1509.9	1257.2	1044.3	857.8	667.1	473.1
-20°	3694.7	3053.6	2519.3	2102.6	1757.3	1473.6	1230.4	1026.0	844.9	656.1	470.9

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Scaled Data Report



REPORT NUMBER: P627942 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	3503.6	2913.0	2425.4	2031.4	1701.1	1430.4	1197.7	1003.7	829.5	643.2	466.6
-25°	3284.9	2753.6	2318.1	1952.1	1646.5	1389.0	1164.2	977.6	811.8	628.4	460.4
-27.5°	3079.3	2589.2	2197.9	1860.7	1583.3	1341.4	1131.1	953.5	791.4	612.1	452.2
-30°	2869.6	2446.0	2082.7	1764.9	1513.6	1288.2	1093.9	927.5	768.4	597.6	442.2
-32.5°	2656.4	2290.0	1959.3	1682.0	1446.1	1231.1	1053.2	899.7	744.4	583.4	433.9
-35°	2473.2	2136.5	1826.8	1592.7	1376.9	1182.4	1012.6	870.2	719.6	567.2	424.8
-37.5°	2278.2	1980.7	1723.6	1504.0	1302.8	1129.3	973.7	835.4	694.2	549.1	413.9
-40°	2103.6	1835.4	1612.6	1418.3	1236.1	1071.9	930.3	798.4	670.4	529.3	401.1
-42.5°	1925.8	1703.4	1504.3	1326.0	1169.0	1019.2	883.1	758.9	639.5	510.9	386.5
-45°	1770.1	1568.1	1392.2	1242.3	1098.9	961.8	836.8	717.8	606.4	492.0	371.2
-47.5°	1609.1	1437.7	1287.6	1154.8	1029.9	902.3	788.1	679.8	572.2	470.9	355.6
-50°	1459.0	1314.2	1189.3	1070.3	953.8	846.5	739.4	640.6	541.1	443.2	338.0
-52.5°	1325.5	1204.9	1093.8	985.3	885.3	788.4	695.7	600.8	508.5	415.7	318.6
-55°	1207.6	1100.0	1000.0	906.2	816.6	736.5	651.1	563.3	474.7	387.3	297.9
-57.5°	1094.7	997.8	912.7	829.3	752.9	683.3	607.5	524.6	440.5	357.4	279.4
-60°	981.1	903.0	827.4	757.4	691.4	628.2	563.9	484.6	405.1	326.8	257.2
-62.5°	872.2	806.8	748.6	687.0	626.5	570.9	518.7	443.2	368.2	296.5	232.5
-65°	765.3	715.3	668.4	610.5	557.9	511.4	468.1	400.3	329.4	264.2	206.6
-67.5°	659.6	618.4	576.3	529.5	490.4	452.5	414.1	352.8	288.3	230.2	180.5
-70°	552.8	517.8	487.9	458.1	425.7	392.3	354.0	301.7	245.3	198.0	153.5
-72.5°	448.2	426.8	408.9	387.9	360.4	328.7	292.9	250.2	206.3	164.8	125.6
-75°	345.2	340.8	335.4	321.9	295.4	265.8	236.9	204.1	166.4	130.7	102.4
-77.5°	271.9	270.1	266.4	256.9	233.8	209.7	184.5	157.0	128.4	103.8	80.4
-80°	201.3	201.1	199.4	193.5	173.8	153.4	135.9	118.3	97.3	77.2	58.1
-82.5°	132.3	134.3	135.2	133.5	120.1	107.0	94.4	81.9	65.7	50.2	38.8
-85°	75.6	77.0	77.4	76.5	68.3	60.3	55.0	49.6	41.0	33.1	26.0
-87.5°	31.4	33.2	34.6	35.5	32.8	30.2	27.5	24.9	20.5	16.6	13.1
-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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REPORT NUMBER: P627942 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-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°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
85°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
82.5°	2.2	1.9	1.5	1.1	0.8	0.4	0.0
80°	2.9	2.5	2.0	1.5	1.0	0.5	0.0
77.5°	2.9	2.9	2.5	1.9	1.3	0.6	0.0
75°	2.9	2.9	2.9	2.2	1.5	0.8	0.0
72.5°	2.9	2.9	2.9	2.6	1.7	0.9	0.0
70°	2.9	2.9	2.9	2.9	2.0	1.0	0.0
67.5°	3.2	2.9	2.9	2.9	2.2	1.1	0.0
65°	3.5	3.2	2.9	2.9	2.4	1.2	0.0
62.5°	4.0	3.9	2.9	2.9	2.7	1.3	0.0
60°	4.6	4.7	2.9	2.9	2.9	1.4	0.0
57.5°	7.9	5.5	3.7	2.9	2.9	1.6	0.0
55°	12.2	6.5	4.6	2.9	3.0	1.7	0.0
52.5°	17.0	8.1	5.6	2.9	3.0	1.8	0.0
50°	22.5	13.2	6.6	2.9	3.1	1.9	0.0
47.5°	30.0	18.7	7.6	3.1	3.2	2.0	0.0
45°	45.9	24.5	8.7	3.9	3.3	2.1	0.0
42.5°	61.8	30.6	9.8	4.7	3.4	2.1	0.0
40°	77.6	37.1	12.9	5.8	3.5	2.2	0.0
37.5°	93.3	43.8	17.9	7.1	3.6	2.3	0.0
35°	108.8	54.4	23.0	8.5	3.7	2.4	0.0
32.5°	125.2	66.7	28.2	9.9	3.9	2.4	0.0
30°	143.7	78.7	33.3	11.5	4.0	2.5	0.0
27.5°	161.5	90.3	39.3	13.2	4.1	2.6	0.0
25°	178.8	101.5	45.2	15.0	4.3	2.6	0.0
22.5°	195.3	112.4	51.0	16.8	4.5	2.7	0.0
20°	211.0	123.0	56.6	18.6	4.6	2.7	0.0
17.5°	225.6	133.0	62.0	20.5	4.8	2.8	0.0
15°	238.9	142.3	67.1	22.3	5.0	2.8	0.0
12.5°	251.2	151.0	72.0	24.2	5.1	2.8	0.0
10°	262.3	158.9	76.6	26.0	5.3	2.9	0.0
7.5°	272.2	166.0	80.8	27.7	5.5	2.9	0.0
5°	281.0	172.4	84.7	29.4	5.6	2.9	0.0
2.5°	288.4	177.9	88.2	31.0	5.8	2.9	0.0
0°	294.6	182.6	91.3	32.4	5.9	2.9	0.0
-2.5°	302.6	188.4	95.5	34.5	6.8	3.1	0.0
-5°	309.3	193.2	99.2	36.3	7.7	3.3	0.0
-7.5°	314.5	197.1	102.3	38.0	8.5	3.5	0.0
-10°	318.2	200.0	104.9	39.5	9.3	3.6	0.0
-12.5°	320.5	202.0	106.8	40.8	10.1	3.8	0.0
-15°	321.1	202.9	108.1	41.8	10.8	3.9	0.0
-17.5°	320.2	202.8	108.7	42.6	11.5	4.0	0.0
-20°	319.3	201.7	108.6	43.2	12.1	4.2	0.0

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CATALOG NUMBER: GFLD-SA6D-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	319.5	199.5	107.7	43.4	12.7	4.3	0.0
-25°	318.0	198.7	106.0	43.4	13.1	4.3	0.0
-27.5°	315.0	197.9	103.6	43.1	13.5	4.4	0.0
-30°	310.3	195.8	100.6	42.5	13.8	4.4	0.0
-32.5°	304.1	192.4	99.3	41.6	14.1	4.5	0.0
-35°	298.2	187.8	97.3	40.4	14.2	4.5	0.0
-37.5°	291.4	182.8	94.3	38.9	14.3	4.5	0.0
-40°	283.0	178.3	90.6	37.0	14.2	4.4	0.0
-42.5°	273.0	172.7	87.9	35.3	14.1	4.4	0.0
-45°	261.4	166.0	86.2	34.0	13.9	4.3	0.0
-47.5°	248.2	158.1	83.5	32.1	13.5	4.2	0.0
-50°	236.6	149.2	80.0	31.5	13.1	4.1	0.0
-52.5°	224.2	139.2	75.6	31.1	12.6	3.9	0.0
-55°	210.3	131.0	70.4	30.3	12.0	3.8	0.0
-57.5°	195.2	122.1	64.3	29.1	11.4	3.6	0.0
-60°	179.0	112.0	57.7	27.5	10.6	3.4	0.0
-62.5°	163.3	100.7	53.7	25.6	10.0	3.2	0.0
-65°	146.1	88.4	49.1	23.3	9.3	2.9	0.0
-67.5°	127.4	77.3	43.9	20.7	8.5	2.7	0.0
-70°	107.4	67.8	38.2	17.9	7.7	2.4	0.0
-72.5°	91.3	57.6	32.0	15.8	6.8	2.1	0.0
-75°	74.9	46.6	25.4	13.7	5.9	1.9	0.0
-77.5°	57.8	35.1	21.1	11.6	5.0	1.6	0.0
-80°	39.9	26.9	17.0	9.4	4.0	1.3	0.0
-82.5°	29.4	20.3	12.9	7.1	3.1	1.0	0.0
-85°	19.7	13.6	8.7	4.8	2.0	0.6	0.0
-87.5°	9.9	6.8	4.3	2.4	1.0	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)