

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: P559026 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-935-U-WAF-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559026 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-8)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA5B-935-U-WAF-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (80) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

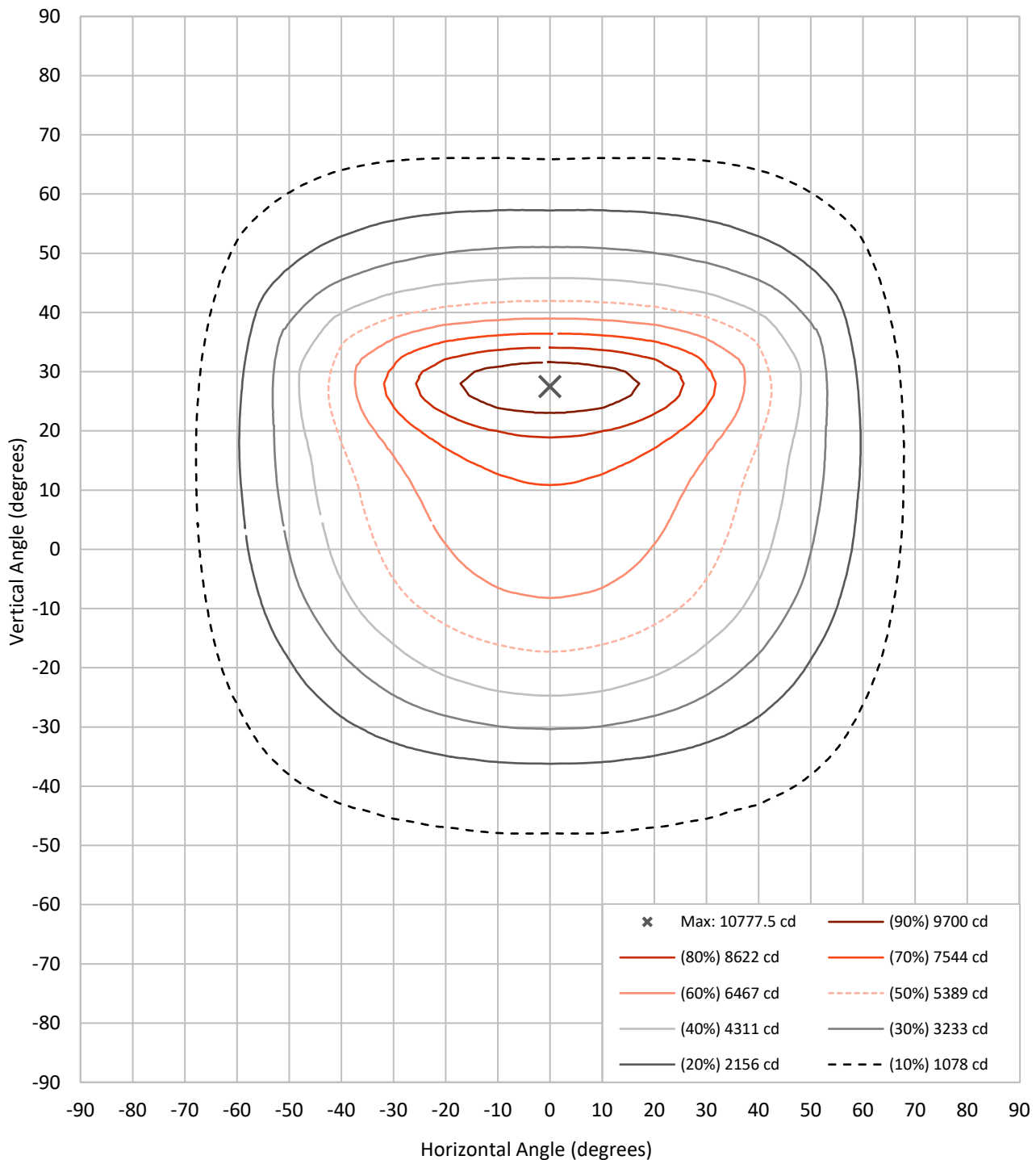
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	15711.7 lumens	Max Intensity:	10777.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	84.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	85°H x 59.2°V	Field Angle (10%):	134.5°H x 113.8°V
Beam Lumens:	8148.9 lumens	Field Lumens:	14534.7 lumens
Beam Efficiency:	51.9%	Field Efficiency:	92.5%

Input Watts (W): 185
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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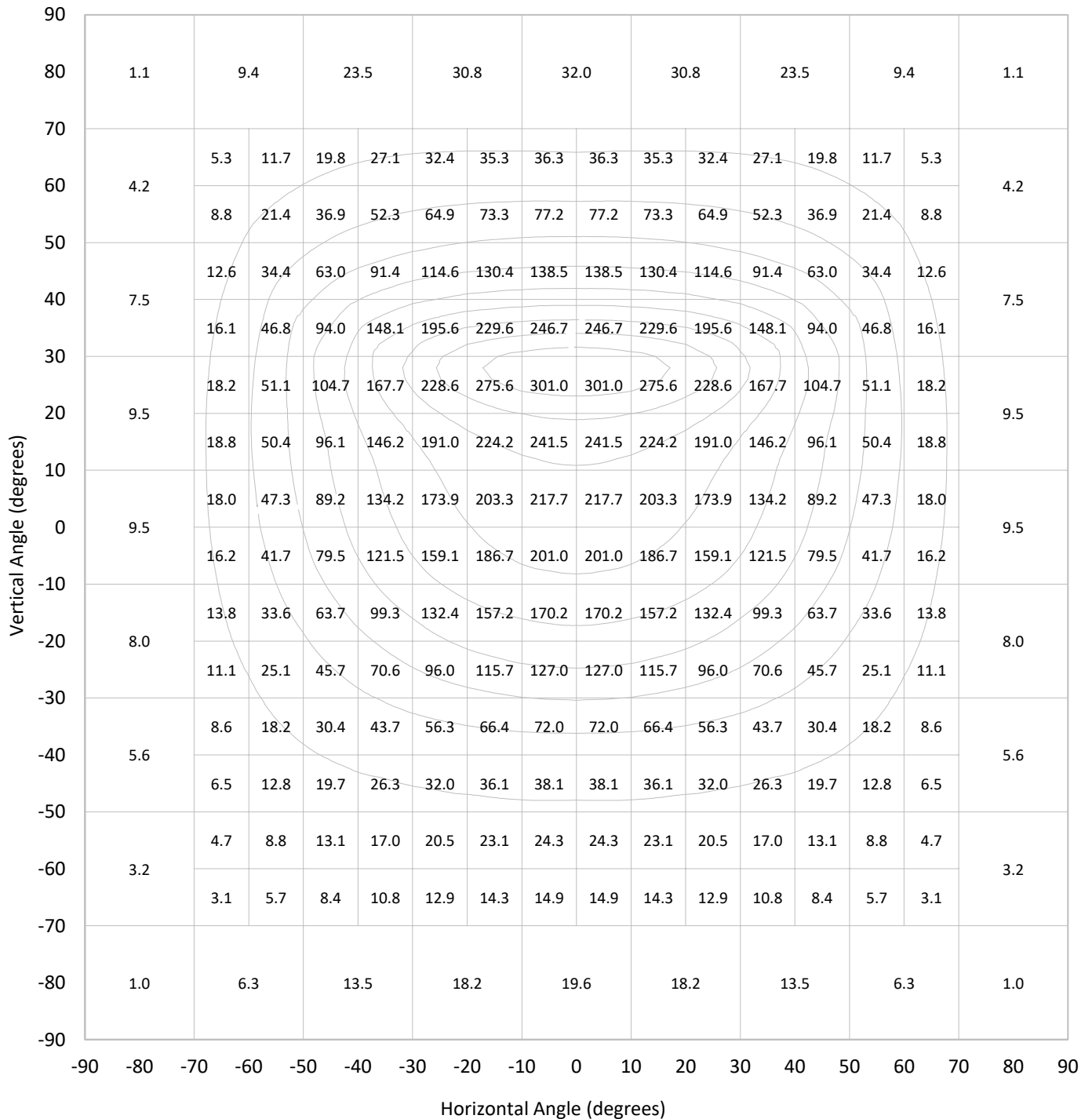
Iso-Candela Plot





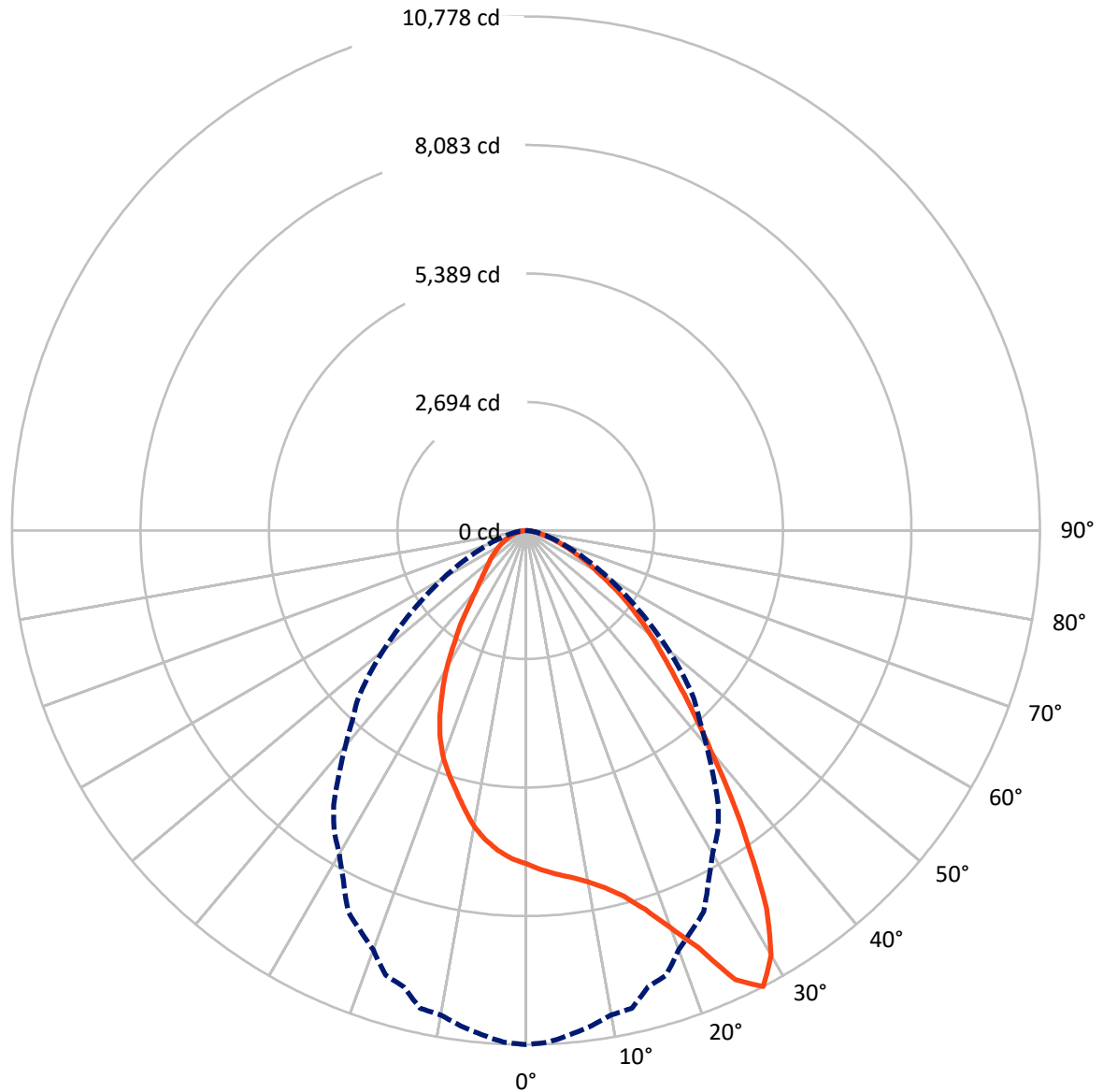
REPORT NUMBER: P559026 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



REPORT NUMBER: P559026 (CONVERTED FROM TYPE C PHOTOMETRY)
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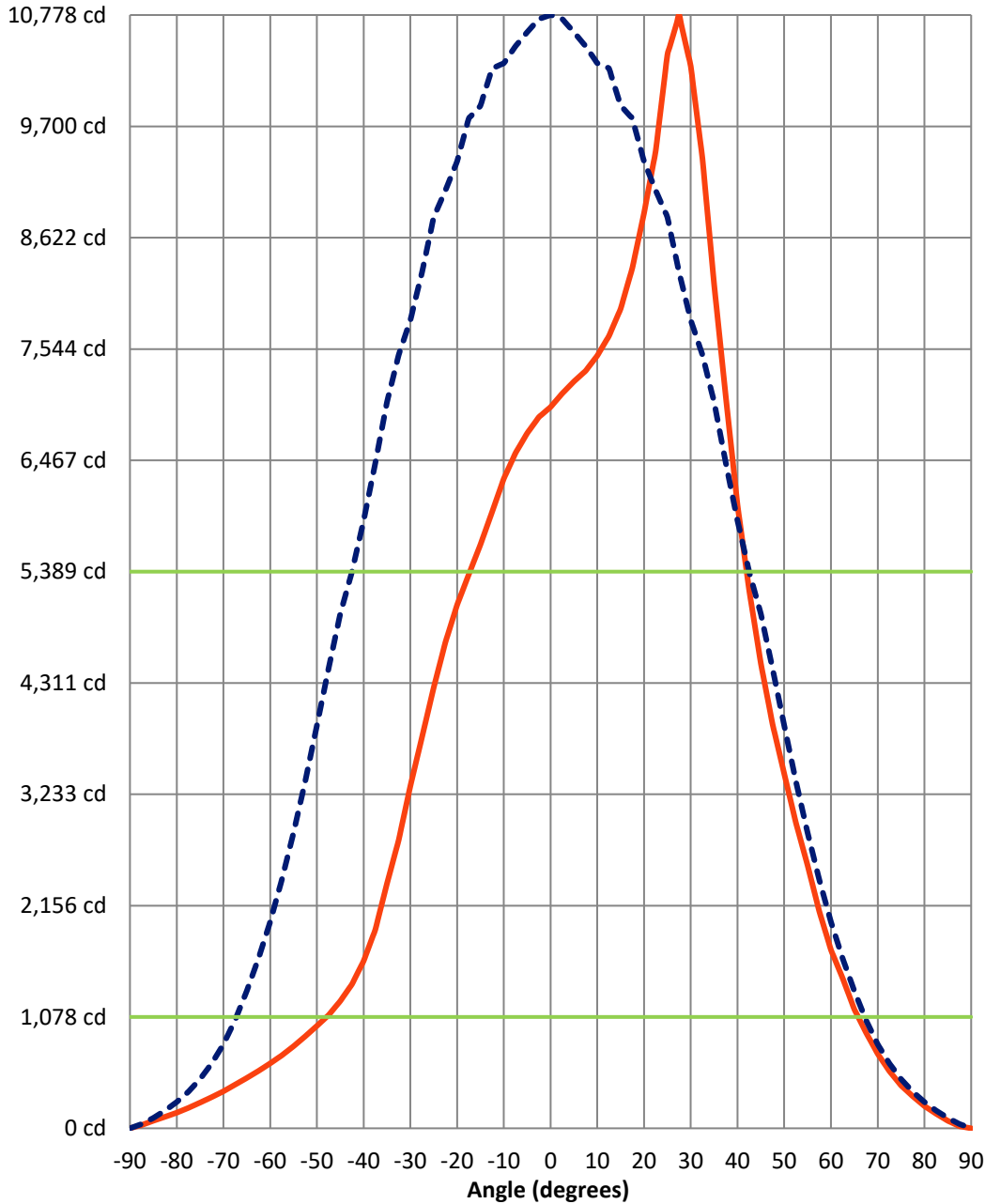
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 27.5-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 85°
 V Angle: 59.2°
 Lumens: 8148.9
 Efficiency: 51.9%

Field:
 H Angle: 134.5°
 V Angle: 113.8°
 Lumens: 14534.7
 Efficiency: 92.5%

Spill:
 Lumens: 1177
 Efficiency: 7.5%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 27.5-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	2.1	4.2	6.2	8.2	10.1	12.0	13.8	15.6	17.3	18.9
85°	0.0	4.1	8.4	12.4	16.4	20.2	24.0	27.6	31.2	34.6	37.8
82.5°	0.0	6.2	12.5	18.6	24.6	30.3	35.9	41.4	47.6	58.1	68.9
80°	0.0	8.2	16.7	24.8	32.7	40.4	48.9	62.5	76.7	91.6	106.9
77.5°	0.0	10.2	20.8	30.9	40.7	52.7	69.5	87.1	105.5	124.7	146.9
75°	0.0	12.2	24.8	37.0	49.6	69.1	89.8	111.4	134.8	164.2	194.3
72.5°	0.0	14.2	28.8	42.9	62.1	85.2	109.8	137.2	170.9	205.5	241.0
70°	0.0	16.1	32.8	49.4	74.4	101.1	130.1	167.8	206.4	246.3	292.8
67.5°	0.0	18.1	36.7	58.2	86.5	116.6	155.0	197.8	241.4	293.1	345.2
65°	0.0	19.9	40.5	66.8	98.2	133.8	179.2	227.0	281.8	338.9	399.4
62.5°	0.0	21.8	44.2	75.2	109.7	152.6	202.6	259.6	321.3	385.2	459.1
60°	0.0	23.6	47.8	83.3	120.8	170.7	225.1	292.9	359.7	436.2	516.8
57.5°	0.0	25.3	52.9	91.2	134.2	188.1	250.5	325.0	401.4	485.4	582.9
55°	0.0	27.0	57.9	98.8	147.1	204.8	275.2	354.8	442.7	535.1	650.4
52.5°	0.0	28.7	62.8	106.1	159.5	221.2	298.6	386.4	482.1	590.9	714.1
50°	0.0	30.2	67.4	113.2	171.3	239.1	320.7	416.6	522.0	643.2	790.3
47.5°	0.0	31.8	71.9	120.3	182.5	256.0	341.6	444.6	564.5	692.0	862.9
45°	0.0	33.2	76.2	128.1	193.0	271.7	363.6	470.5	601.5	750.9	929.8
42.5°	0.0	34.6	80.3	135.5	202.8	286.2	383.8	497.6	635.4	805.2	1005.0
40°	0.0	36.0	84.2	142.5	212.8	299.6	402.2	524.7	669.7	854.0	1075.5
37.5°	0.0	37.2	87.9	149.2	222.8	311.8	418.8	549.4	706.7	898.7	1138.6
35°	0.0	38.4	91.3	155.4	231.9	323.9	433.6	571.5	739.3	946.1	1198.1
32.5°	0.0	39.5	94.6	161.2	240.1	335.3	447.8	591.1	767.4	986.8	1251.1
30°	0.0	40.5	97.6	166.6	247.4	345.3	463.1	609.3	791.2	1020.5	1295.1
27.5°	0.0	41.5	100.4	171.5	254.4	353.9	476.3	628.2	813.2	1047.5	1330.0
25°	0.0	42.4	102.9	175.9	260.5	361.2	487.5	643.6	834.7	1072.3	1356.2
22.5°	0.0	43.2	105.2	179.9	265.8	367.5	496.6	655.6	850.9	1092.4	1378.6
20°	0.0	43.9	107.2	183.3	270.2	373.8	503.7	664.2	861.9	1105.3	1393.1
17.5°	0.0	44.5	109.0	186.3	273.8	378.9	510.0	669.7	867.9	1111.5	1399.8
15°	0.0	45.0	110.6	188.9	276.5	383.0	515.2	673.4	869.1	1111.0	1398.9
12.5°	0.0	45.5	111.9	190.9	278.5	386.0	518.3	676.2	869.1	1104.4	1390.6
10°	0.0	45.8	112.9	192.5	279.6	387.9	519.6	676.4	867.7	1101.0	1377.9
7.5°	0.0	46.1	113.7	193.6	280.0	388.7	519.0	674.1	862.6	1094.1	1363.8
5°	0.0	46.3	114.2	194.2	279.7	388.4	516.7	669.4	854.0	1082.5	1342.9
2.5°	0.0	46.4	114.4	194.3	278.6	387.0	512.8	662.4	842.2	1066.4	1315.8
0°	0.0	46.4	114.4	194.0	276.9	384.6	507.3	653.2	827.3	1046.1	1283.2
-2.5°	0.0	46.5	114.1	193.1	275.6	381.0	501.5	643.6	812.7	1023.6	1250.3
-5°	0.0	46.4	113.6	191.8	273.6	376.3	494.3	632.1	795.5	997.5	1213.2
-7.5°	0.0	46.3	112.8	190.0	271.0	370.8	485.8	618.9	775.9	968.1	1172.3
-10°	0.0	46.1	111.8	187.8	267.8	364.4	476.1	604.1	754.1	935.9	1128.2
-12.5°	0.0	45.8	110.5	185.2	264.0	357.2	465.1	587.7	730.4	901.5	1084.9
-15°	0.0	45.4	109.0	182.2	259.5	349.3	453.1	570.1	706.1	867.7	1040.7
-17.5°	0.0	45.0	107.3	178.8	254.5	340.8	440.0	552.5	681.9	832.0	994.3
-20°	0.0	44.4	105.4	175.0	249.0	331.6	426.4	534.6	656.3	794.7	946.0



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 CATALOG NUMBER: GFLD-SA5B-935-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	43.8	103.2	170.8	242.9	321.9	412.8	515.5	629.5	756.2	896.2
-25°	0.0	43.0	100.9	166.4	236.2	312.2	398.4	495.2	601.9	716.7	845.2
-27.5°	0.0	42.2	98.3	161.5	229.0	302.1	383.2	473.9	573.4	678.4	796.8
-30°	0.0	41.3	95.6	156.4	221.3	291.3	367.3	451.5	545.9	643.5	748.5
-32.5°	0.0	40.3	92.7	150.9	213.4	279.9	350.9	430.7	518.5	608.4	700.5
-35°	0.0	39.2	89.6	145.1	205.0	268.0	335.5	410.1	490.3	573.4	653.0
-37.5°	0.0	38.0	86.3	139.1	196.3	256.0	320.3	389.1	461.4	538.4	613.7
-40°	0.0	36.8	82.9	132.8	187.1	244.4	304.6	367.7	431.8	504.4	576.5
-42.5°	0.0	35.5	79.3	126.3	178.1	232.5	288.3	346.1	405.2	471.5	538.6
-45°	0.0	34.1	75.6	119.5	169.1	220.1	271.6	325.1	380.1	438.6	500.4
-47.5°	0.0	32.6	71.8	112.5	159.7	207.5	254.4	305.0	355.1	405.6	464.0
-50°	0.0	31.1	67.8	106.3	150.1	194.5	238.6	284.6	330.4	378.0	427.7
-52.5°	0.0	29.4	63.7	100.1	140.1	181.2	222.8	263.8	306.4	349.8	392.1
-55°	0.0	27.8	59.4	93.8	129.9	168.4	206.8	242.9	282.6	321.1	360.6
-57.5°	0.0	26.1	55.1	87.2	119.4	155.4	190.6	224.4	258.4	293.7	328.6
-60°	0.0	24.3	50.7	80.6	108.8	142.1	174.2	205.6	234.5	266.5	297.2
-62.5°	0.0	22.4	46.9	73.7	99.8	128.6	158.2	186.5	213.0	238.9	267.1
-65°	0.0	20.6	43.0	66.7	90.6	114.8	141.9	167.4	191.3	214.1	236.7
-67.5°	0.0	18.6	39.0	59.6	81.2	102.1	125.4	148.4	169.3	189.8	209.0
-70°	0.0	16.7	34.9	52.4	71.7	90.4	108.7	129.4	148.2	165.3	182.4
-72.5°	0.0	14.7	30.7	45.9	62.1	78.5	94.3	110.2	127.1	142.4	156.0
-75°	0.0	12.6	26.5	39.5	52.4	66.5	80.1	93.2	105.9	119.5	131.6
-77.5°	0.0	10.6	22.2	33.0	43.6	54.4	65.8	77.0	87.5	97.3	107.2
-80°	0.0	8.5	17.8	26.5	35.0	43.2	51.5	60.6	69.3	77.4	84.9
-82.5°	0.0	6.4	13.4	19.9	26.3	32.5	38.5	44.7	51.0	57.4	63.3
-85°	0.0	4.3	8.9	13.3	17.5	21.7	25.7	29.9	34.0	38.0	42.0
-87.5°	0.0	2.1	4.5	6.7	8.8	10.8	12.9	14.9	17.0	19.0	21.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA5B-935-U-WAF-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°	19.9	20.7	21.4	21.9	22.7	23.4	24.1	24.6	25.1	25.4	25.6
85°	39.8	41.5	46.4	51.0	55.9	60.3	64.3	67.8	70.6	72.9	74.7
82.5°	77.8	86.1	94.0	101.4	108.1	114.2	120.0	126.7	132.1	136.5	140.2
80°	119.3	130.6	144.5	157.4	169.1	179.7	189.4	198.2	205.0	211.8	218.5
77.5°	167.7	186.1	203.2	219.0	234.2	252.0	268.5	283.6	295.2	304.0	310.8
75°	219.7	241.5	266.5	291.2	314.4	335.7	356.5	381.8	402.4	417.8	430.2
72.5°	275.3	306.6	337.1	366.7	400.7	433.9	466.0	497.1	524.4	544.4	560.6
70°	335.3	371.7	413.8	456.4	497.4	539.0	583.3	623.6	657.0	680.6	703.1
67.5°	396.6	447.7	497.5	548.8	606.9	659.7	708.1	759.2	804.2	833.8	859.7
65°	467.2	524.4	591.0	659.0	722.7	788.8	849.9	905.3	962.1	1003.4	1037.3
62.5°	535.5	615.9	694.4	774.0	854.1	926.0	1005.9	1077.1	1134.2	1193.2	1243.8
60°	616.5	712.1	808.4	904.3	994.0	1094.9	1182.5	1265.3	1341.6	1407.4	1469.7
57.5°	697.4	820.7	934.7	1047.3	1165.9	1273.8	1376.8	1469.5	1560.7	1636.9	1711.6
55°	782.5	941.3	1072.8	1211.8	1342.3	1464.2	1579.8	1696.0	1793.2	1898.2	1989.6
52.5°	876.9	1058.3	1228.2	1381.3	1528.3	1669.0	1807.3	1947.1	2083.7	2192.5	2295.8
50°	965.2	1181.3	1385.7	1560.4	1729.4	1896.4	2069.3	2244.1	2394.6	2519.1	2626.5
47.5°	1062.3	1295.7	1555.3	1748.5	1951.4	2158.3	2368.2	2561.2	2725.2	2894.6	3013.2
45°	1157.0	1411.3	1693.1	1961.2	2195.9	2446.4	2677.7	2890.6	3128.3	3313.2	3471.8
42.5°	1243.4	1521.0	1834.5	2175.7	2469.2	2738.1	2988.4	3288.0	3561.0	3777.2	3975.1
40°	1332.3	1620.7	1963.1	2375.1	2741.8	3028.9	3333.5	3664.6	4020.0	4286.0	4522.5
37.5°	1413.6	1722.7	2080.8	2527.2	3010.2	3325.8	3662.6	4021.8	4427.0	4827.1	5111.4
35°	1485.5	1809.1	2197.6	2651.0	3145.4	3613.5	3969.8	4352.3	4795.7	5314.9	5703.1
32.5°	1550.7	1879.6	2290.2	2747.5	3249.1	3797.9	4250.0	4642.7	5087.5	5623.3	6282.6
30°	1603.9	1947.9	2359.3	2817.3	3320.3	3866.9	4441.0	4868.9	5291.0	5816.7	6430.4
27.5°	1644.2	1998.0	2406.8	2860.8	3358.4	3899.0	4451.1	4979.0	5387.7	5882.3	6440.4
25°	1675.2	2039.1	2431.9	2876.9	3364.0	3884.9	4416.2	4915.8	5374.5	5810.6	6311.4
22.5°	1700.8	2067.4	2459.5	2866.0	3338.6	3834.9	4334.6	4810.9	5254.9	5663.2	6094.0
20°	1720.0	2085.5	2473.4	2876.7	3296.0	3753.6	4231.5	4684.8	5113.7	5509.1	5859.7
17.5°	1728.7	2090.8	2473.4	2874.7	3288.9	3689.1	4105.2	4540.9	4962.6	5355.4	5701.8
15°	1727.2	2083.8	2459.8	2859.4	3267.3	3663.8	4047.2	4406.6	4799.3	5196.4	5541.5
12.5°	1715.7	2065.0	2433.0	2830.7	3232.3	3624.1	4000.5	4361.4	4713.5	5046.1	5376.0
10°	1694.9	2034.8	2393.7	2789.0	3183.8	3569.8	3941.4	4303.5	4651.9	4978.5	5285.7
7.5°	1673.5	2001.1	2346.4	2734.2	3122.1	3501.2	3869.4	4232.2	4573.9	4899.7	5210.0
5°	1645.3	1965.4	2310.3	2681.9	3055.7	3425.6	3785.9	4146.9	4479.5	4808.3	5119.8
2.5°	1609.5	1921.0	2264.8	2618.4	2981.4	3347.4	3695.6	4049.9	4390.9	4706.9	5013.8
0°	1566.6	1868.4	2209.9	2543.1	2894.6	3256.0	3590.8	3937.3	4292.1	4590.5	4890.6
-2.5°	1519.9	1805.4	2129.8	2461.4	2801.1	3155.5	3498.8	3827.3	4174.3	4475.9	4782.3
-5°	1467.6	1735.9	2041.3	2369.2	2696.5	3042.1	3391.8	3704.1	4035.6	4333.9	4635.2
-7.5°	1410.5	1660.8	1945.6	2265.6	2577.5	2903.4	3234.6	3535.1	3857.3	4152.3	4445.9
-10°	1350.1	1586.7	1852.6	2148.5	2442.5	2746.3	3057.5	3351.7	3661.5	3955.3	4237.8
-12.5°	1292.3	1513.7	1756.8	2025.8	2300.2	2580.9	2870.2	3154.3	3448.2	3743.4	4007.5
-15°	1231.7	1437.0	1657.8	1898.9	2151.6	2408.4	2674.2	2943.0	3218.8	3507.6	3751.6
-17.5°	1169.0	1357.3	1556.7	1769.2	1997.7	2230.3	2474.6	2734.1	2986.5	3249.6	3485.6
-20°	1104.8	1275.2	1454.8	1637.9	1840.9	2063.9	2292.5	2525.3	2754.7	2983.8	3205.4



REPORT NUMBER: P559026 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-935-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1039.8	1191.3	1354.8	1515.9	1709.0	1910.3	2110.9	2313.0	2518.8	2716.1	2925.7
-25°	977.0	1113.5	1257.9	1414.5	1580.3	1757.7	1930.1	2100.9	2283.4	2468.3	2648.8
-27.5°	916.5	1036.9	1173.2	1312.9	1451.0	1608.9	1759.7	1904.5	2063.8	2226.9	2372.7
-30°	855.8	970.1	1089.5	1213.4	1335.0	1466.8	1597.2	1724.2	1853.9	1993.6	2119.9
-32.5°	799.5	903.9	1012.5	1121.1	1224.3	1326.6	1447.1	1559.9	1666.1	1765.6	1875.8
-35°	748.0	843.7	938.2	1031.8	1116.8	1206.7	1307.5	1402.6	1487.7	1567.7	1651.9
-37.5°	699.5	784.7	864.2	947.9	1023.5	1100.5	1174.6	1256.9	1326.0	1389.9	1459.0
-40°	650.8	727.0	798.6	868.5	937.8	1002.1	1065.4	1121.3	1177.0	1238.4	1285.9
-42.5°	602.9	673.7	737.7	791.4	856.7	912.1	961.3	1007.6	1053.1	1101.0	1139.1
-45°	560.6	620.9	679.3	730.7	779.7	826.9	868.6	905.1	948.1	981.3	1010.1
-47.5°	517.9	570.2	623.6	671.0	711.9	750.3	781.3	817.9	853.2	881.7	898.5
-50°	475.9	523.7	568.9	613.1	650.2	681.1	707.8	737.9	767.2	791.5	807.5
-52.5°	437.2	477.1	519.0	556.7	590.8	618.4	644.0	670.2	691.6	708.3	729.3
-55°	398.9	435.7	470.7	504.5	533.7	559.0	584.0	607.3	625.7	640.0	657.4
-57.5°	363.1	396.2	426.8	455.1	481.4	503.1	527.4	547.3	564.4	577.8	595.7
-60°	328.1	357.7	385.5	410.2	431.8	453.2	473.0	491.3	506.2	519.5	535.9
-62.5°	293.3	320.1	345.1	367.8	387.4	405.2	423.1	438.6	451.1	464.9	478.5
-65°	260.7	283.3	305.2	325.9	344.4	361.3	376.1	388.6	400.4	412.6	423.6
-67.5°	228.2	249.3	267.7	284.1	301.2	317.6	331.3	342.9	352.7	362.7	371.8
-70°	199.2	215.9	232.7	247.5	260.5	274.1	287.4	298.4	307.1	315.0	322.4
-72.5°	170.6	185.4	199.2	212.0	223.9	234.8	245.2	255.1	263.3	269.4	274.8
-75°	143.4	155.0	166.9	178.1	187.7	196.2	204.2	212.2	218.8	224.0	228.3
-77.5°	117.4	127.1	136.3	144.8	151.8	158.5	164.8	170.5	175.6	179.6	182.5
-80°	92.1	99.2	106.6	113.6	119.0	123.6	127.5	130.9	134.7	138.6	142.0
-82.5°	68.6	73.7	78.6	83.4	87.1	90.2	93.0	95.6	98.3	100.8	103.0
-85°	45.1	48.0	51.0	53.9	56.8	59.3	61.5	63.3	64.8	66.1	67.1
-87.5°	22.6	24.0	25.4	26.6	28.0	29.3	30.5	31.7	32.4	33.0	33.5
-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: P559026 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-935-U-WAF-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°	25.8	25.9	25.9	25.8	25.6	24.5	23.4	22.2	20.9	21.5	22.1
85°	76.0	76.3	76.0	75.3	74.0	74.0	73.7	73.3	72.6	73.7	74.7
82.5°	143.0	144.1	144.2	143.5	142.1	142.7	143.0	142.7	141.9	142.9	143.5
80°	223.6	225.7	225.8	224.2	221.2	221.6	221.8	221.2	219.7	220.1	220.0
77.5°	318.5	323.4	325.1	324.4	321.3	320.4	318.2	313.9	307.5	307.4	307.6
75°	439.6	444.6	447.2	447.0	444.1	442.1	439.3	434.4	427.2	426.9	427.0
72.5°	573.1	580.5	583.8	586.8	586.8	585.7	582.1	574.7	563.6	562.4	563.7
70°	720.7	733.1	741.0	747.1	751.8	752.8	750.5	744.4	734.9	732.3	731.5
67.5°	885.0	904.9	919.9	929.9	939.3	946.1	948.6	946.0	938.2	935.6	936.6
65°	1069.2	1099.8	1125.1	1144.1	1156.8	1165.8	1173.6	1178.3	1179.4	1182.2	1185.8
62.5°	1284.4	1322.0	1357.2	1381.2	1393.5	1402.2	1427.5	1442.0	1446.2	1447.1	1452.7
60°	1524.6	1572.2	1616.1	1651.4	1679.8	1701.4	1722.9	1737.1	1742.4	1743.5	1751.2
57.5°	1787.4	1847.1	1898.5	1953.1	1991.2	2013.2	2042.0	2071.6	2087.0	2091.4	2109.6
55°	2078.1	2159.5	2226.1	2284.5	2337.7	2384.5	2424.0	2454.5	2477.1	2490.7	2514.8
52.5°	2399.5	2495.2	2564.9	2633.4	2709.7	2763.4	2798.6	2855.0	2895.9	2918.4	2947.1
50°	2752.4	2859.0	2954.0	3025.9	3114.6	3188.0	3241.5	3295.0	3332.3	3353.8	3381.6
47.5°	3154.1	3285.5	3395.7	3462.3	3565.3	3651.7	3686.6	3727.0	3797.4	3831.3	3861.1
45°	3606.4	3774.1	3896.5	4000.7	4089.2	4186.2	4249.7	4295.6	4365.0	4399.8	4421.8
42.5°	4144.6	4331.1	4492.3	4617.5	4691.9	4817.7	4909.5	4935.3	5033.6	5100.4	5120.0
40°	4748.2	4954.9	5167.6	5310.3	5430.1	5557.8	5709.2	5793.5	5876.7	5942.1	5956.9
37.5°	5377.2	5653.9	5896.6	6080.8	6278.9	6467.4	6627.8	6715.3	6769.9	6895.0	6941.6
35°	6016.6	6302.1	6642.2	6928.5	7168.5	7401.1	7584.2	7728.4	7865.7	7978.3	8045.7
32.5°	6561.1	6868.3	7288.3	7716.8	7975.9	8227.9	8528.6	8693.6	8876.8	9025.1	9133.5
30°	7008.5	7300.7	7682.9	8220.8	8575.5	8831.0	9211.6	9439.6	9639.1	9890.6	9978.1
27.5°	7029.7	7486.3	7824.4	8287.6	8820.0	9079.3	9360.9	9775.4	9901.2	10259.8	10311.5
25°	6845.2	7324.6	7672.0	8058.7	8501.4	8816.8	9074.0	9418.6	9599.1	9829.8	10006.9
22.5°	6556.6	6979.1	7333.5	7661.3	8006.8	8294.0	8529.1	8771.4	8969.4	9148.4	9314.6
20°	6237.8	6638.9	6975.0	7256.9	7530.7	7796.9	8008.4	8211.9	8383.2	8536.8	8631.4
17.5°	6013.4	6301.9	6645.3	6934.1	7171.5	7380.5	7599.2	7769.5	7919.8	8058.0	8144.5
15°	5860.2	6134.5	6379.0	6644.0	6894.2	7093.4	7258.1	7433.9	7563.7	7682.7	7776.4
12.5°	5701.1	5983.8	6239.6	6460.4	6656.2	6873.7	7049.8	7188.0	7324.3	7417.7	7514.0
10°	5568.2	5832.7	6098.1	6331.2	6537.2	6716.5	6883.2	7038.2	7160.5	7265.3	7341.1
7.5°	5491.1	5750.5	5989.0	6212.6	6413.4	6604.5	6776.4	6918.6	7039.7	7148.2	7227.6
5°	5401.7	5658.4	5896.5	6125.1	6318.0	6501.6	6672.8	6819.0	6944.4	7041.0	7117.1
2.5°	5299.1	5552.4	5789.9	6022.3	6215.1	6392.1	6554.2	6696.8	6827.4	6919.5	6984.2
0°	5182.3	5436.0	5668.1	5886.9	6080.9	6271.5	6420.7	6565.0	6692.6	6783.8	6848.5
-2.5°	5064.5	5316.6	5556.9	5766.6	5959.0	6135.1	6293.9	6430.1	6552.0	6642.8	6699.6
-5°	4907.9	5158.5	5395.6	5606.9	5807.9	5984.7	6139.1	6277.6	6395.0	6494.0	6571.0
-7.5°	4718.3	4971.7	5208.5	5424.3	5624.4	5791.4	5939.6	6079.2	6204.6	6312.7	6407.4
-10°	4509.8	4760.4	4984.2	5186.2	5372.8	5542.5	5700.2	5838.1	5953.0	6058.9	6138.6
-12.5°	4267.0	4499.0	4717.9	4917.1	5099.4	5269.4	5419.4	5550.8	5666.4	5760.3	5832.2
-15°	3999.1	4219.3	4426.6	4630.2	4821.1	4988.5	5120.4	5258.9	5359.2	5450.2	5514.9
-17.5°	3712.4	3925.3	4143.4	4347.5	4523.7	4688.9	4834.1	4960.5	5065.8	5149.3	5222.3
-20°	3421.9	3638.8	3848.6	4043.1	4212.6	4365.7	4512.8	4634.2	4742.1	4833.0	4918.6



REPORT NUMBER: P559026 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3130.1	3329.0	3526.0	3716.3	3876.6	4021.3	4150.0	4266.3	4361.4	4468.6	4544.2
-25°	2830.3	3004.7	3182.6	3350.6	3502.2	3644.4	3761.1	3863.1	3962.2	4065.7	4139.4
-27.5°	2529.1	2683.3	2827.8	2976.5	3109.3	3232.5	3340.8	3430.0	3526.3	3595.3	3676.4
-30°	2231.3	2371.1	2491.6	2595.1	2720.0	2825.7	2910.0	2998.6	3078.1	3144.1	3212.4
-32.5°	1979.1	2074.7	2170.9	2257.4	2340.5	2427.4	2495.3	2572.7	2627.2	2684.0	2739.2
-35°	1736.7	1810.3	1874.2	1955.2	2017.4	2064.7	2121.4	2178.1	2199.9	2261.7	2294.7
-37.5°	1517.2	1565.5	1625.1	1681.5	1727.7	1763.1	1813.5	1843.2	1858.9	1898.9	1920.3
-40°	1329.3	1359.8	1415.5	1454.0	1481.8	1507.5	1549.4	1568.6	1590.0	1609.9	1610.5
-42.5°	1164.0	1203.3	1241.0	1271.3	1288.8	1318.1	1337.8	1340.0	1367.7	1385.3	1388.1
-45°	1028.9	1068.7	1098.6	1120.9	1138.3	1163.5	1176.3	1183.4	1205.9	1217.9	1223.2
-47.5°	925.0	952.9	978.8	995.9	1018.9	1037.5	1046.9	1058.7	1076.0	1087.1	1094.9
-50°	833.7	855.8	875.5	891.2	914.1	930.7	939.6	954.2	967.1	975.1	981.3
-52.5°	753.4	773.1	786.8	802.0	821.0	835.7	847.1	861.5	872.3	879.3	884.8
-55°	678.2	696.8	710.1	726.7	740.3	750.2	759.8	774.0	784.5	791.7	796.3
-57.5°	611.9	625.8	638.9	654.0	666.9	677.7	686.3	694.1	701.0	706.9	711.5
-60°	549.8	561.1	573.1	584.9	594.7	602.4	611.7	618.8	623.3	626.1	629.8
-62.5°	490.0	500.2	510.8	520.4	528.1	534.6	542.1	548.0	552.1	555.1	557.3
-65°	433.3	442.1	451.1	459.0	465.7	471.3	476.6	480.7	483.6	486.1	488.1
-67.5°	380.2	387.2	393.4	398.9	403.9	408.7	413.3	416.5	418.2	420.2	422.3
-70°	328.9	334.5	338.7	341.9	344.9	348.7	353.1	356.2	358.0	360.0	361.8
-72.5°	279.4	283.4	286.8	289.6	291.2	293.6	296.7	299.3	301.2	302.7	303.4
-75°	231.7	235.0	238.0	240.1	241.4	243.1	244.7	245.5	245.6	246.3	246.7
-77.5°	185.0	188.3	191.1	193.1	194.3	195.8	196.9	197.5	197.7	197.7	197.3
-80°	144.5	146.7	148.5	149.9	150.8	151.8	152.4	152.5	152.2	152.5	152.6
-82.5°	105.0	106.9	108.6	109.8	110.7	111.6	112.4	113.0	113.3	113.4	113.3
-85°	67.9	68.8	69.7	70.5	71.2	71.7	71.9	72.0	71.8	71.9	71.8
-87.5°	33.9	33.5	33.0	32.3	31.6	31.8	32.0	32.0	32.1	32.4	32.7
-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: P559026 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-935-U-WAF-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°	22.6	23.1	21.5	19.9	21.5	23.1	22.6	22.1	21.5	20.9	22.2
85°	75.4	75.9	74.5	72.9	74.5	75.9	75.4	74.7	73.7	72.6	73.3
82.5°	143.7	143.4	142.4	140.9	142.4	143.4	143.7	143.5	142.9	141.9	142.7
80°	219.2	217.7	216.9	215.5	216.9	217.7	219.2	220.0	220.1	219.7	221.2
77.5°	306.8	305.2	307.9	310.0	307.9	305.2	306.8	307.6	307.4	307.5	313.9
75°	425.4	422.1	419.0	414.5	419.0	422.1	425.4	427.0	426.9	427.2	434.4
72.5°	563.1	560.5	558.0	553.7	558.0	560.5	563.1	563.7	562.4	563.6	574.7
70°	727.2	719.5	720.8	721.2	720.8	719.5	727.2	731.5	732.3	734.9	744.4
67.5°	933.6	926.7	927.5	926.7	927.5	926.7	933.6	936.6	935.6	938.2	946.0
65°	1183.6	1175.7	1166.2	1152.2	1166.2	1175.7	1183.6	1185.8	1182.2	1179.4	1178.3
62.5°	1452.0	1445.1	1449.1	1452.3	1449.1	1445.1	1452.0	1452.7	1447.1	1446.2	1442.0
60°	1749.9	1740.2	1735.3	1727.4	1735.3	1740.2	1749.9	1751.2	1743.5	1742.4	1737.1
57.5°	2118.0	2116.2	2111.9	2100.5	2111.9	2116.2	2118.0	2109.6	2091.4	2087.0	2071.6
55°	2526.1	2523.8	2533.3	2544.8	2533.3	2523.8	2526.1	2514.8	2490.7	2477.1	2454.5
52.5°	2968.3	2975.8	2973.2	2957.6	2973.2	2975.8	2968.3	2947.1	2918.4	2895.9	2855.0
50°	3406.1	3414.5	3423.5	3431.7	3423.5	3414.5	3406.1	3381.6	3353.8	3332.3	3295.0
47.5°	3902.2	3924.3	3928.2	3912.5	3928.2	3924.3	3902.2	3861.1	3831.3	3797.4	3727.0
45°	4465.9	4479.2	4486.0	4499.3	4486.0	4479.2	4465.9	4421.8	4399.8	4365.0	4295.6
42.5°	5176.5	5191.9	5194.4	5208.9	5194.4	5191.9	5176.5	5120.0	5100.4	5033.6	4935.3
40°	6020.0	6045.0	6040.7	6034.5	6040.7	6045.0	6020.0	5956.9	5942.1	5876.7	5793.5
37.5°	7007.4	7049.9	7054.3	7080.5	7054.3	7049.9	7007.4	6941.6	6895.0	6769.9	6715.3
35°	8115.5	8165.6	8156.9	8169.7	8156.9	8165.6	8115.5	8045.7	7978.3	7865.7	7728.4
32.5°	9233.3	9308.4	9323.4	9386.6	9323.4	9308.4	9233.3	9133.5	9025.1	8876.8	8693.6
30°	10111.6	10216.7	10285.3	10280.1	10285.3	10216.7	10111.6	9978.1	9890.6	9639.1	9439.6
27.5°	10475.4	10611.6	10739.0	10777.5	10739.0	10611.6	10475.4	10311.5	10259.8	9901.2	9775.4
25°	10120.4	10219.9	10332.5	10392.9	10332.5	10219.9	10120.4	10006.9	9829.8	9599.1	9418.6
22.5°	9391.1	9455.8	9494.2	9462.8	9494.2	9455.8	9391.1	9314.6	9148.4	8969.4	8771.4
20°	8729.3	8811.2	8826.4	8859.4	8826.4	8811.2	8729.3	8631.4	8536.8	8383.2	8211.9
17.5°	8236.7	8290.3	8321.8	8328.9	8321.8	8290.3	8236.7	8144.5	8058.0	7919.8	7769.5
15°	7850.6	7893.6	7921.8	7934.3	7921.8	7893.6	7850.6	7776.4	7682.7	7563.7	7433.9
12.5°	7577.0	7629.5	7655.1	7670.7	7655.1	7629.5	7577.0	7514.0	7417.7	7324.3	7188.0
10°	7401.7	7452.2	7472.6	7480.1	7472.6	7452.2	7401.7	7341.1	7265.3	7160.5	7038.2
7.5°	7275.7	7308.1	7321.9	7332.5	7321.9	7308.1	7275.7	7227.6	7148.2	7039.7	6918.6
5°	7174.0	7199.9	7214.4	7229.8	7214.4	7199.9	7174.0	7117.1	7041.0	6944.4	6819.0
2.5°	7035.7	7072.6	7098.3	7113.7	7098.3	7072.6	7035.7	6984.2	6919.5	6827.4	6696.8
0°	6899.8	6934.7	6952.9	6982.7	6952.9	6934.7	6899.8	6848.5	6783.8	6692.6	6565.0
-2.5°	6750.5	6790.8	6838.7	6884.9	6838.7	6790.8	6750.5	6699.6	6642.8	6552.0	6430.1
-5°	6636.2	6689.5	6699.5	6729.1	6699.5	6689.5	6636.2	6571.0	6494.0	6395.0	6277.6
-7.5°	6463.9	6488.1	6529.5	6536.8	6529.5	6488.1	6463.9	6407.4	6312.7	6204.6	6079.2
-10°	6198.2	6237.7	6263.5	6289.8	6263.5	6237.7	6198.2	6138.6	6058.9	5953.0	5838.1
-12.5°	5886.1	5932.5	5974.0	5968.2	5974.0	5932.5	5886.1	5832.2	5760.3	5666.4	5550.8
-15°	5582.1	5626.9	5655.4	5651.5	5655.4	5626.9	5582.1	5514.9	5450.2	5359.2	5258.9
-17.5°	5280.3	5321.2	5362.4	5361.4	5362.4	5321.2	5280.3	5222.3	5149.3	5065.8	4960.5
-20°	4968.7	5003.6	5047.8	5066.3	5047.8	5003.6	4968.7	4918.6	4833.0	4742.1	4634.2



REPORT NUMBER: P559026 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-935-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4608.3	4653.1	4685.2	4704.9	4685.2	4653.1	4608.3	4544.2	4468.6	4361.4	4266.3
-25°	4188.3	4234.3	4258.7	4267.2	4258.7	4234.3	4188.3	4139.4	4065.7	3962.2	3863.1
-27.5°	3724.2	3775.8	3800.8	3788.1	3800.8	3775.8	3724.2	3676.4	3595.3	3526.3	3430.0
-30°	3248.3	3281.4	3285.2	3314.0	3285.2	3281.4	3248.3	3212.4	3144.1	3078.1	2998.6
-32.5°	2778.8	2800.9	2788.3	2790.1	2788.3	2800.9	2778.8	2739.2	2684.0	2627.2	2572.7
-35°	2315.2	2332.8	2336.4	2369.0	2336.4	2332.8	2315.2	2294.7	2261.7	2199.9	2178.1
-37.5°	1942.4	1949.6	1938.7	1923.1	1938.7	1949.6	1942.4	1920.3	1898.9	1858.9	1843.2
-40°	1626.3	1631.8	1627.8	1619.7	1627.8	1631.8	1626.3	1610.5	1609.9	1590.0	1568.6
-42.5°	1398.9	1399.0	1395.3	1394.2	1395.3	1399.0	1398.9	1388.1	1385.3	1367.7	1340.0
-45°	1230.9	1232.6	1232.3	1231.8	1232.3	1232.6	1230.9	1223.2	1217.9	1205.9	1183.4
-47.5°	1100.6	1100.9	1099.2	1095.8	1099.2	1100.9	1100.6	1094.9	1087.1	1076.0	1058.7
-50°	985.1	985.2	987.4	991.4	987.4	985.2	985.1	981.3	975.1	967.1	954.2
-52.5°	887.7	887.4	888.7	890.2	888.7	887.4	887.7	884.8	879.3	872.3	861.5
-55°	798.5	798.0	796.8	794.1	796.8	798.0	798.5	796.3	791.7	784.5	774.0
-57.5°	713.2	712.2	710.0	706.2	710.0	712.2	713.2	711.5	706.9	701.0	694.1
-60°	631.9	632.2	631.2	628.3	631.2	632.2	631.9	629.8	626.1	623.3	618.8
-62.5°	557.8	556.7	556.5	555.4	556.5	556.7	557.8	557.3	555.1	552.1	548.0
-65°	488.4	487.3	487.7	487.4	487.7	487.3	488.4	488.1	486.1	483.6	480.7
-67.5°	423.1	422.7	423.1	422.7	423.1	422.7	423.1	422.3	420.2	418.2	416.5
-70°	362.9	363.0	361.1	358.1	361.1	363.0	362.9	361.8	360.0	358.0	356.2
-72.5°	303.2	302.1	302.2	301.7	302.2	302.1	303.2	303.4	302.7	301.2	299.3
-75°	246.6	245.9	247.5	248.7	247.5	245.9	246.6	246.7	246.3	245.6	245.5
-77.5°	196.3	194.9	196.2	197.3	196.2	194.9	196.3	197.3	197.7	197.7	197.5
-80°	152.4	151.9	151.6	150.9	151.6	151.9	152.4	152.6	152.5	152.2	152.5
-82.5°	112.9	112.2	111.8	111.1	111.8	112.2	112.9	113.3	113.4	113.3	113.0
-85°	71.5	71.0	72.0	72.9	72.0	71.0	71.5	71.8	71.9	71.8	72.0
-87.5°	32.9	33.1	32.3	31.5	32.3	33.1	32.9	32.7	32.4	32.1	32.0
-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: P559026 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	23.4	24.5	25.6	25.8	25.9	25.9	25.8	25.6	25.4	25.1	24.6
85°	73.7	74.0	74.0	75.3	76.0	76.3	76.0	74.7	72.9	70.6	67.8
82.5°	143.0	142.7	142.1	143.5	144.2	144.1	143.0	140.2	136.5	132.1	126.7
80°	221.8	221.6	221.2	224.2	225.8	225.7	223.6	218.5	211.8	205.0	198.2
77.5°	318.2	320.4	321.3	324.4	325.1	323.4	318.5	310.8	304.0	295.2	283.6
75°	439.3	442.1	444.1	447.0	447.2	444.6	439.6	430.2	417.8	402.4	381.8
72.5°	582.1	585.7	586.8	586.8	583.8	580.5	573.1	560.6	544.4	524.4	497.1
70°	750.5	752.8	751.8	747.1	741.0	733.1	720.7	703.1	680.6	657.0	623.6
67.5°	948.6	946.1	939.3	929.9	919.9	904.9	885.0	859.7	833.8	804.2	759.2
65°	1173.6	1165.8	1156.8	1144.1	1125.1	1099.8	1069.2	1037.3	1003.4	962.1	905.3
62.5°	1427.5	1402.2	1393.5	1381.2	1357.2	1322.0	1284.4	1243.8	1193.2	1134.2	1077.1
60°	1722.9	1701.4	1679.8	1651.4	1616.1	1572.2	1524.6	1469.7	1407.4	1341.6	1265.3
57.5°	2042.0	2013.2	1991.2	1953.1	1898.5	1847.1	1787.4	1711.6	1636.9	1560.7	1469.5
55°	2424.0	2384.5	2337.7	2284.5	2226.1	2159.5	2078.1	1989.6	1898.2	1793.2	1696.0
52.5°	2798.6	2763.4	2709.7	2633.4	2564.9	2495.2	2399.5	2295.8	2192.5	2083.7	1947.1
50°	3241.5	3188.0	3114.6	3025.9	2954.0	2859.0	2752.4	2626.5	2519.1	2394.6	2244.1
47.5°	3686.6	3651.7	3565.3	3462.3	3395.7	3285.5	3154.1	3013.2	2894.6	2725.2	2561.2
45°	4249.7	4186.2	4089.2	4000.7	3896.5	3774.1	3606.4	3471.8	3313.2	3128.3	2890.6
42.5°	4909.5	4817.7	4691.9	4617.5	4492.3	4331.1	4144.6	3975.1	3777.2	3561.0	3288.0
40°	5709.2	5557.8	5430.1	5310.3	5167.6	4954.9	4748.2	4522.5	4286.0	4020.0	3664.6
37.5°	6627.8	6467.4	6278.9	6080.8	5896.6	5653.9	5377.2	5111.4	4827.1	4427.0	4021.8
35°	7584.2	7401.1	7168.5	6928.5	6642.2	6302.1	6016.6	5703.1	5314.9	4795.7	4352.3
32.5°	8528.6	8227.9	7975.9	7716.8	7288.3	6868.3	6561.1	6282.6	5623.3	5087.5	4642.7
30°	9211.6	8831.0	8575.5	8220.8	7682.9	7300.7	7008.5	6430.4	5816.7	5291.0	4868.9
27.5°	9360.9	9079.3	8820.0	8287.6	7824.4	7486.3	7029.7	6440.4	5882.3	5387.7	4979.0
25°	9074.0	8816.8	8501.4	8058.7	7672.0	7324.6	6845.2	6311.4	5810.6	5374.5	4915.8
22.5°	8529.1	8294.0	8006.8	7661.3	7333.5	6979.1	6556.6	6094.0	5663.2	5254.9	4810.9
20°	8008.4	7796.9	7530.7	7256.9	6975.0	6638.9	6237.8	5859.7	5509.1	5113.7	4684.8
17.5°	7599.2	7380.5	7171.5	6934.1	6645.3	6301.9	6013.4	5701.8	5355.4	4962.6	4540.9
15°	7258.1	7093.4	6894.2	6644.0	6379.0	6134.5	5860.2	5541.5	5196.4	4799.3	4406.6
12.5°	7049.8	6873.7	6656.2	6460.4	6239.6	5983.8	5701.1	5376.0	5046.1	4713.5	4361.4
10°	6883.2	6716.5	6537.2	6331.2	6098.1	5832.7	5568.2	5285.7	4978.5	4651.9	4303.5
7.5°	6776.4	6604.5	6413.4	6212.6	5989.0	5750.5	5491.1	5210.0	4899.7	4573.9	4232.2
5°	6672.8	6501.6	6318.0	6125.1	5896.5	5658.4	5401.7	5119.8	4808.3	4479.5	4146.9
2.5°	6554.2	6392.1	6215.1	6022.3	5789.9	5552.4	5299.1	5013.8	4706.9	4390.9	4049.9
0°	6420.7	6271.5	6080.9	5886.9	5668.1	5436.0	5182.3	4890.6	4590.5	4292.1	3937.3
-2.5°	6293.9	6135.1	5959.0	5766.6	5556.9	5316.6	5064.5	4782.3	4475.9	4174.3	3827.3
-5°	6139.1	5984.7	5807.9	5606.9	5395.6	5158.5	4907.9	4635.2	4333.9	4035.6	3704.1
-7.5°	5939.6	5791.4	5624.4	5424.3	5208.5	4971.7	4718.3	4445.9	4152.3	3857.3	3535.1
-10°	5700.2	5542.5	5372.8	5186.2	4984.2	4760.4	4509.8	4237.8	3955.3	3661.5	3351.7
-12.5°	5419.4	5269.4	5099.4	4917.1	4717.9	4499.0	4267.0	4007.5	3743.4	3448.2	3154.3
-15°	5120.4	4988.5	4821.1	4630.2	4426.6	4219.3	3999.1	3751.6	3507.6	3218.8	2943.0
-17.5°	4834.1	4688.9	4523.7	4347.5	4143.4	3925.3	3712.4	3485.6	3249.6	2986.5	2734.1
-20°	4512.8	4365.7	4212.6	4043.1	3848.6	3638.8	3421.9	3205.4	2983.8	2754.7	2525.3



REPORT NUMBER: P559026 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-935-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4150.0	4021.3	3876.6	3716.3	3526.0	3329.0	3130.1	2925.7	2716.1	2518.8	2313.0
-25°	3761.1	3644.4	3502.2	3350.6	3182.6	3004.7	2830.3	2648.8	2468.3	2283.4	2100.9
-27.5°	3340.8	3232.5	3109.3	2976.5	2827.8	2683.3	2529.1	2372.7	2226.9	2063.8	1904.5
-30°	2910.0	2825.7	2720.0	2595.1	2491.6	2371.1	2231.3	2119.9	1993.6	1853.9	1724.2
-32.5°	2495.3	2427.4	2340.5	2257.4	2170.9	2074.7	1979.1	1875.8	1765.6	1666.1	1559.9
-35°	2121.4	2064.7	2017.4	1955.2	1874.2	1810.3	1736.7	1651.9	1567.7	1487.7	1402.6
-37.5°	1813.5	1763.1	1727.7	1681.5	1625.1	1565.5	1517.2	1459.0	1389.9	1326.0	1256.9
-40°	1549.4	1507.5	1481.8	1454.0	1415.5	1359.8	1329.3	1285.9	1238.4	1177.0	1121.3
-42.5°	1337.8	1318.1	1288.8	1271.3	1241.0	1203.3	1164.0	1139.1	1101.0	1053.1	1007.6
-45°	1176.3	1163.5	1138.3	1120.9	1098.6	1068.7	1028.9	1010.1	981.3	948.1	905.1
-47.5°	1046.9	1037.5	1018.9	995.9	978.8	952.9	925.0	898.5	881.7	853.2	817.9
-50°	939.6	930.7	914.1	891.2	875.5	855.8	833.7	807.5	791.5	767.2	737.9
-52.5°	847.1	835.7	821.0	802.0	786.8	773.1	753.4	729.3	708.3	691.6	670.2
-55°	759.8	750.2	740.3	726.7	710.1	696.8	678.2	657.4	640.0	625.7	607.3
-57.5°	686.3	677.7	666.9	654.0	638.9	625.8	611.9	595.7	577.8	564.4	547.3
-60°	611.7	602.4	594.7	584.9	573.1	561.1	549.8	535.9	519.5	506.2	491.3
-62.5°	542.1	534.6	528.1	520.4	510.8	500.2	490.0	478.5	464.9	451.1	438.6
-65°	476.6	471.3	465.7	459.0	451.1	442.1	433.3	423.6	412.6	400.4	388.6
-67.5°	413.3	408.7	403.9	398.9	393.4	387.2	380.2	371.8	362.7	352.7	342.9
-70°	353.1	348.7	344.9	341.9	338.7	334.5	328.9	322.4	315.0	307.1	298.4
-72.5°	296.7	293.6	291.2	289.6	286.8	283.4	279.4	274.8	269.4	263.3	255.1
-75°	244.7	243.1	241.4	240.1	238.0	235.0	231.7	228.3	224.0	218.8	212.2
-77.5°	196.9	195.8	194.3	193.1	191.1	188.3	185.0	182.5	179.6	175.6	170.5
-80°	152.4	151.8	150.8	149.9	148.5	146.7	144.5	142.0	138.6	134.7	130.9
-82.5°	112.4	111.6	110.7	109.8	108.6	106.9	105.0	103.0	100.8	98.3	95.6
-85°	71.9	71.7	71.2	70.5	69.7	68.8	67.9	67.1	66.1	64.8	63.3
-87.5°	32.0	31.8	31.6	32.3	33.0	33.5	33.9	33.5	33.0	32.4	31.7
-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: P559026 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-935-U-WAF-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°	24.1	23.4	22.7	21.9	21.4	20.7	19.9	18.9	17.3	15.6	13.8
85°	64.3	60.3	55.9	51.0	46.4	41.5	39.8	37.8	34.6	31.2	27.6
82.5°	120.0	114.2	108.1	101.4	94.0	86.1	77.8	68.9	58.1	47.6	41.4
80°	189.4	179.7	169.1	157.4	144.5	130.6	119.3	106.9	91.6	76.7	62.5
77.5°	268.5	252.0	234.2	219.0	203.2	186.1	167.7	146.9	124.7	105.5	87.1
75°	356.5	335.7	314.4	291.2	266.5	241.5	219.7	194.3	164.2	134.8	111.4
72.5°	466.0	433.9	400.7	366.7	337.1	306.6	275.3	241.0	205.5	170.9	137.2
70°	583.3	539.0	497.4	456.4	413.8	371.7	335.3	292.8	246.3	206.4	167.8
67.5°	708.1	659.7	606.9	548.8	497.5	447.7	396.6	345.2	293.1	241.4	197.8
65°	849.9	788.8	722.7	659.0	591.0	524.4	467.2	399.4	338.9	281.8	227.0
62.5°	1005.9	926.0	854.1	774.0	694.4	615.9	535.5	459.1	385.2	321.3	259.6
60°	1182.5	1094.9	994.0	904.3	808.4	712.1	616.5	516.8	436.2	359.7	292.9
57.5°	1376.8	1273.8	1165.9	1047.3	934.7	820.7	697.4	582.9	485.4	401.4	325.0
55°	1579.8	1464.2	1342.3	1211.8	1072.8	941.3	782.5	650.4	535.1	442.7	354.8
52.5°	1807.3	1669.0	1528.3	1381.3	1228.2	1058.3	876.9	714.1	590.9	482.1	386.4
50°	2069.3	1896.4	1729.4	1560.4	1385.7	1181.3	965.2	790.3	643.2	522.0	416.6
47.5°	2368.2	2158.3	1951.4	1748.5	1555.3	1295.7	1062.3	862.9	692.0	564.5	444.6
45°	2677.7	2446.4	2195.9	1961.2	1693.1	1411.3	1157.0	929.8	750.9	601.5	470.5
42.5°	2988.4	2738.1	2469.2	2175.7	1834.5	1521.0	1243.4	1005.0	805.2	635.4	497.6
40°	3333.5	3028.9	2741.8	2375.1	1963.1	1620.7	1332.3	1075.5	854.0	669.7	524.7
37.5°	3662.6	3325.8	3010.2	2527.2	2080.8	1722.7	1413.6	1138.6	898.7	706.7	549.4
35°	3969.8	3613.5	3145.4	2651.0	2197.6	1809.1	1485.5	1198.1	946.1	739.3	571.5
32.5°	4250.0	3797.9	3249.1	2747.5	2290.2	1879.6	1550.7	1251.1	986.8	767.4	591.1
30°	4441.0	3866.9	3320.3	2817.3	2359.3	1947.9	1603.9	1295.1	1020.5	791.2	609.3
27.5°	4451.1	3899.0	3358.4	2860.8	2406.8	1998.0	1644.2	1330.0	1047.5	813.2	628.2
25°	4416.2	3884.9	3364.0	2876.9	2431.9	2039.1	1675.2	1356.2	1072.3	834.7	643.6
22.5°	4334.6	3834.9	3338.6	2866.0	2459.5	2067.4	1700.8	1378.6	1092.4	850.9	655.6
20°	4231.5	3753.6	3296.0	2876.7	2473.4	2085.5	1720.0	1393.1	1105.3	861.9	664.2
17.5°	4105.2	3689.1	3288.9	2874.7	2473.4	2090.8	1728.7	1399.8	1111.5	867.9	669.7
15°	4047.2	3663.8	3267.3	2859.4	2459.8	2083.8	1727.2	1398.9	1111.0	869.1	673.4
12.5°	4000.5	3624.1	3232.3	2830.7	2433.0	2065.0	1715.7	1390.6	1104.4	869.1	676.2
10°	3941.4	3569.8	3183.8	2789.0	2393.7	2034.8	1694.9	1377.9	1101.0	867.7	676.4
7.5°	3869.4	3501.2	3122.1	2734.2	2346.4	2001.1	1673.5	1363.8	1094.1	862.6	674.1
5°	3785.9	3425.6	3055.7	2681.9	2310.3	1965.4	1645.3	1342.9	1082.5	854.0	669.4
2.5°	3695.6	3347.4	2981.4	2618.4	2264.8	1921.0	1609.5	1315.8	1066.4	842.2	662.4
0°	3590.8	3256.0	2894.6	2543.1	2209.9	1868.4	1566.6	1283.2	1046.1	827.3	653.2
-2.5°	3498.8	3155.5	2801.1	2461.4	2129.8	1805.4	1519.9	1250.3	1023.6	812.7	643.6
-5°	3391.8	3042.1	2696.5	2369.2	2041.3	1735.9	1467.6	1213.2	997.5	795.5	632.1
-7.5°	3234.6	2903.4	2577.5	2265.6	1945.6	1660.8	1410.5	1172.3	968.1	775.9	618.9
-10°	3057.5	2746.3	2442.5	2148.5	1852.6	1586.7	1350.1	1128.2	935.9	754.1	604.1
-12.5°	2870.2	2580.9	2300.2	2025.8	1756.8	1513.7	1292.3	1084.9	901.5	730.4	587.7
-15°	2674.2	2408.4	2151.6	1898.9	1657.8	1437.0	1231.7	1040.7	867.7	706.1	570.1
-17.5°	2474.6	2230.3	1997.7	1769.2	1556.7	1357.3	1169.0	994.3	832.0	681.9	552.5
-20°	2292.5	2063.9	1840.9	1637.9	1454.8	1275.2	1104.8	946.0	794.7	656.3	534.6



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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°	2110.9	1910.3	1709.0	1515.9	1354.8	1191.3	1039.8	896.2	756.2	629.5	515.5
-25°	1930.1	1757.7	1580.3	1414.5	1257.9	1113.5	977.0	845.2	716.7	601.9	495.2
-27.5°	1759.7	1608.9	1451.0	1312.9	1173.2	1036.9	916.5	796.8	678.4	573.4	473.9
-30°	1597.2	1466.8	1335.0	1213.4	1089.5	970.1	855.8	748.5	643.5	545.9	451.5
-32.5°	1447.1	1326.6	1224.3	1121.1	1012.5	903.9	799.5	700.5	608.4	518.5	430.7
-35°	1307.5	1206.7	1116.8	1031.8	938.2	843.7	748.0	653.0	573.4	490.3	410.1
-37.5°	1174.6	1100.5	1023.5	947.9	864.2	784.7	699.5	613.7	538.4	461.4	389.1
-40°	1065.4	1002.1	937.8	868.5	798.6	727.0	650.8	576.5	504.4	431.8	367.7
-42.5°	961.3	912.1	856.7	791.4	737.7	673.7	602.9	538.6	471.5	405.2	346.1
-45°	868.6	826.9	779.7	730.7	679.3	620.9	560.6	500.4	438.6	380.1	325.1
-47.5°	781.3	750.3	711.9	671.0	623.6	570.2	517.9	464.0	405.6	355.1	305.0
-50°	707.8	681.1	650.2	613.1	568.9	523.7	475.9	427.7	378.0	330.4	284.6
-52.5°	644.0	618.4	590.8	556.7	519.0	477.1	437.2	392.1	349.8	306.4	263.8
-55°	584.0	559.0	533.7	504.5	470.7	435.7	398.9	360.6	321.1	282.6	242.9
-57.5°	527.4	503.1	481.4	455.1	426.8	396.2	363.1	328.6	293.7	258.4	224.4
-60°	473.0	453.2	431.8	410.2	385.5	357.7	328.1	297.2	266.5	234.5	205.6
-62.5°	423.1	405.2	387.4	367.8	345.1	320.1	293.3	267.1	238.9	213.0	186.5
-65°	376.1	361.3	344.4	325.9	305.2	283.3	260.7	236.7	214.1	191.3	167.4
-67.5°	331.3	317.6	301.2	284.1	267.7	249.3	228.2	209.0	189.8	169.3	148.4
-70°	287.4	274.1	260.5	247.5	232.7	215.9	199.2	182.4	165.3	148.2	129.4
-72.5°	245.2	234.8	223.9	212.0	199.2	185.4	170.6	156.0	142.4	127.1	110.2
-75°	204.2	196.2	187.7	178.1	166.9	155.0	143.4	131.6	119.5	105.9	93.2
-77.5°	164.8	158.5	151.8	144.8	136.3	127.1	117.4	107.2	97.3	87.5	77.0
-80°	127.5	123.6	119.0	113.6	106.6	99.2	92.1	84.9	77.4	69.3	60.6
-82.5°	93.0	90.2	87.1	83.4	78.6	73.7	68.6	63.3	57.4	51.0	44.7
-85°	61.5	59.3	56.8	53.9	51.0	48.0	45.1	42.0	38.0	34.0	29.9
-87.5°	30.5	29.3	28.0	26.6	25.4	24.0	22.6	21.0	19.0	17.0	14.9
-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):

	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°	12.0	10.1	8.2	6.2	4.2	2.1	0.0
85°	24.0	20.2	16.4	12.4	8.4	4.1	0.0
82.5°	35.9	30.3	24.6	18.6	12.5	6.2	0.0
80°	48.9	40.4	32.7	24.8	16.7	8.2	0.0
77.5°	69.5	52.7	40.7	30.9	20.8	10.2	0.0
75°	89.8	69.1	49.6	37.0	24.8	12.2	0.0
72.5°	109.8	85.2	62.1	42.9	28.8	14.2	0.0
70°	130.1	101.1	74.4	49.4	32.8	16.1	0.0
67.5°	155.0	116.6	86.5	58.2	36.7	18.1	0.0
65°	179.2	133.8	98.2	66.8	40.5	19.9	0.0
62.5°	202.6	152.6	109.7	75.2	44.2	21.8	0.0
60°	225.1	170.7	120.8	83.3	47.8	23.6	0.0
57.5°	250.5	188.1	134.2	91.2	52.9	25.3	0.0
55°	275.2	204.8	147.1	98.8	57.9	27.0	0.0
52.5°	298.6	221.2	159.5	106.1	62.8	28.7	0.0
50°	320.7	239.1	171.3	113.2	67.4	30.2	0.0
47.5°	341.6	256.0	182.5	120.3	71.9	31.8	0.0
45°	363.6	271.7	193.0	128.1	76.2	33.2	0.0
42.5°	383.8	286.2	202.8	135.5	80.3	34.6	0.0
40°	402.2	299.6	212.8	142.5	84.2	36.0	0.0
37.5°	418.8	311.8	222.8	149.2	87.9	37.2	0.0
35°	433.6	323.9	231.9	155.4	91.3	38.4	0.0
32.5°	447.8	335.3	240.1	161.2	94.6	39.5	0.0
30°	463.1	345.3	247.4	166.6	97.6	40.5	0.0
27.5°	476.3	353.9	254.4	171.5	100.4	41.5	0.0
25°	487.5	361.2	260.5	175.9	102.9	42.4	0.0
22.5°	496.6	367.5	265.8	179.9	105.2	43.2	0.0
20°	503.7	373.8	270.2	183.3	107.2	43.9	0.0
17.5°	510.0	378.9	273.8	186.3	109.0	44.5	0.0
15°	515.2	383.0	276.5	188.9	110.6	45.0	0.0
12.5°	518.3	386.0	278.5	190.9	111.9	45.5	0.0
10°	519.6	387.9	279.6	192.5	112.9	45.8	0.0
7.5°	519.0	388.7	280.0	193.6	113.7	46.1	0.0
5°	516.7	388.4	279.7	194.2	114.2	46.3	0.0
2.5°	512.8	387.0	278.6	194.3	114.4	46.4	0.0
0°	507.3	384.6	276.9	194.0	114.4	46.4	0.0
-2.5°	501.5	381.0	275.6	193.1	114.1	46.5	0.0
-5°	494.3	376.3	273.6	191.8	113.6	46.4	0.0
-7.5°	485.8	370.8	271.0	190.0	112.8	46.3	0.0
-10°	476.1	364.4	267.8	187.8	111.8	46.1	0.0
-12.5°	465.1	357.2	264.0	185.2	110.5	45.8	0.0
-15°	453.1	349.3	259.5	182.2	109.0	45.4	0.0
-17.5°	440.0	340.8	254.5	178.8	107.3	45.0	0.0
-20°	426.4	331.6	249.0	175.0	105.4	44.4	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	412.8	321.9	242.9	170.8	103.2	43.8	0.0
-25°	398.4	312.2	236.2	166.4	100.9	43.0	0.0
-27.5°	383.2	302.1	229.0	161.5	98.3	42.2	0.0
-30°	367.3	291.3	221.3	156.4	95.6	41.3	0.0
-32.5°	350.9	279.9	213.4	150.9	92.7	40.3	0.0
-35°	335.5	268.0	205.0	145.1	89.6	39.2	0.0
-37.5°	320.3	256.0	196.3	139.1	86.3	38.0	0.0
-40°	304.6	244.4	187.1	132.8	82.9	36.8	0.0
-42.5°	288.3	232.5	178.1	126.3	79.3	35.5	0.0
-45°	271.6	220.1	169.1	119.5	75.6	34.1	0.0
-47.5°	254.4	207.5	159.7	112.5	71.8	32.6	0.0
-50°	238.6	194.5	150.1	106.3	67.8	31.1	0.0
-52.5°	222.8	181.2	140.1	100.1	63.7	29.4	0.0
-55°	206.8	168.4	129.9	93.8	59.4	27.8	0.0
-57.5°	190.6	155.4	119.4	87.2	55.1	26.1	0.0
-60°	174.2	142.1	108.8	80.6	50.7	24.3	0.0
-62.5°	158.2	128.6	99.8	73.7	46.9	22.4	0.0
-65°	141.9	114.8	90.6	66.7	43.0	20.6	0.0
-67.5°	125.4	102.1	81.2	59.6	39.0	18.6	0.0
-70°	108.7	90.4	71.7	52.4	34.9	16.7	0.0
-72.5°	94.3	78.5	62.1	45.9	30.7	14.7	0.0
-75°	80.1	66.5	52.4	39.5	26.5	12.6	0.0
-77.5°	65.8	54.4	43.6	33.0	22.2	10.6	0.0
-80°	51.5	43.2	35.0	26.5	17.8	8.5	0.0
-82.5°	38.5	32.5	26.3	19.9	13.4	6.4	0.0
-85°	25.7	21.7	17.5	13.3	8.9	4.3	0.0
-87.5°	12.9	10.8	8.8	6.7	4.5	2.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)