

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: P559010 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-927-U-WAF-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559010 (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-927-U-WAF-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (80) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

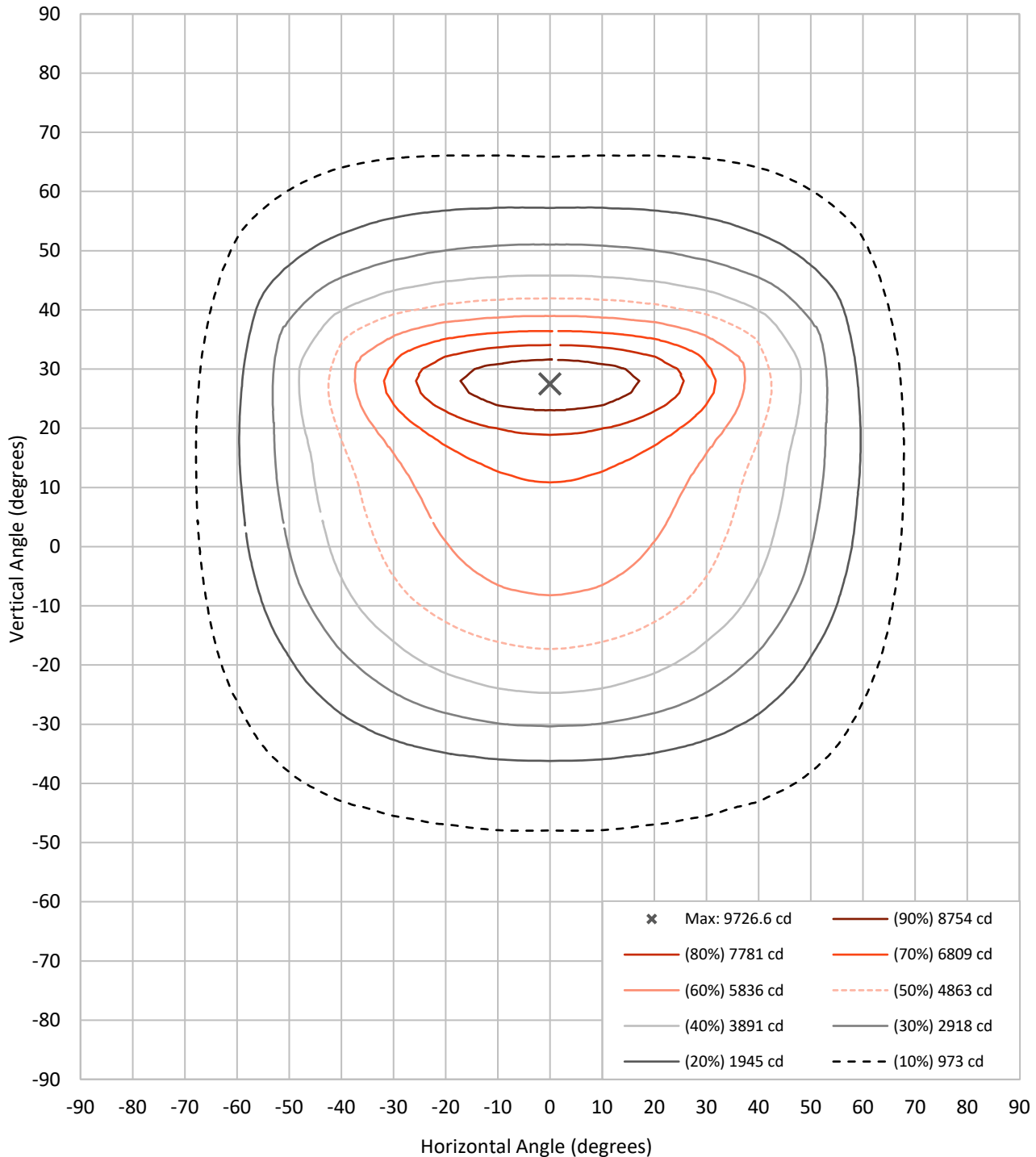
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	14179.7 lumens	Max Intensity:	9726.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	92.1 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:	7354.3 lumens	Field Lumens:	13117.5 lumens
Beam Efficiency:	51.9%	Field Efficiency:	92.5%
Input Watts (W):	154		
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		



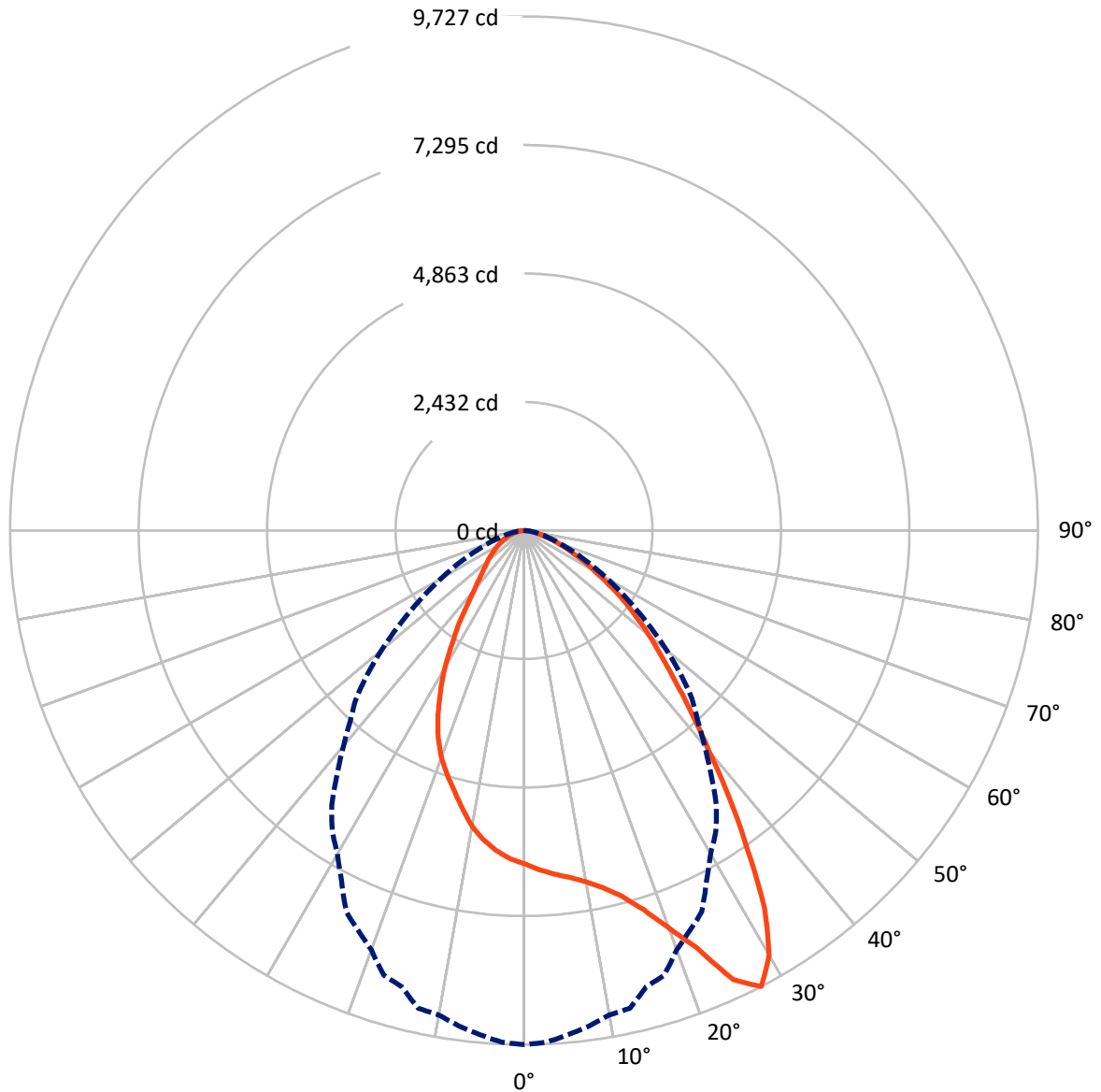
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CATALOG NUMBER: GFLD-SA5B-927-U-WAF-XX

Iso-Candela Plot



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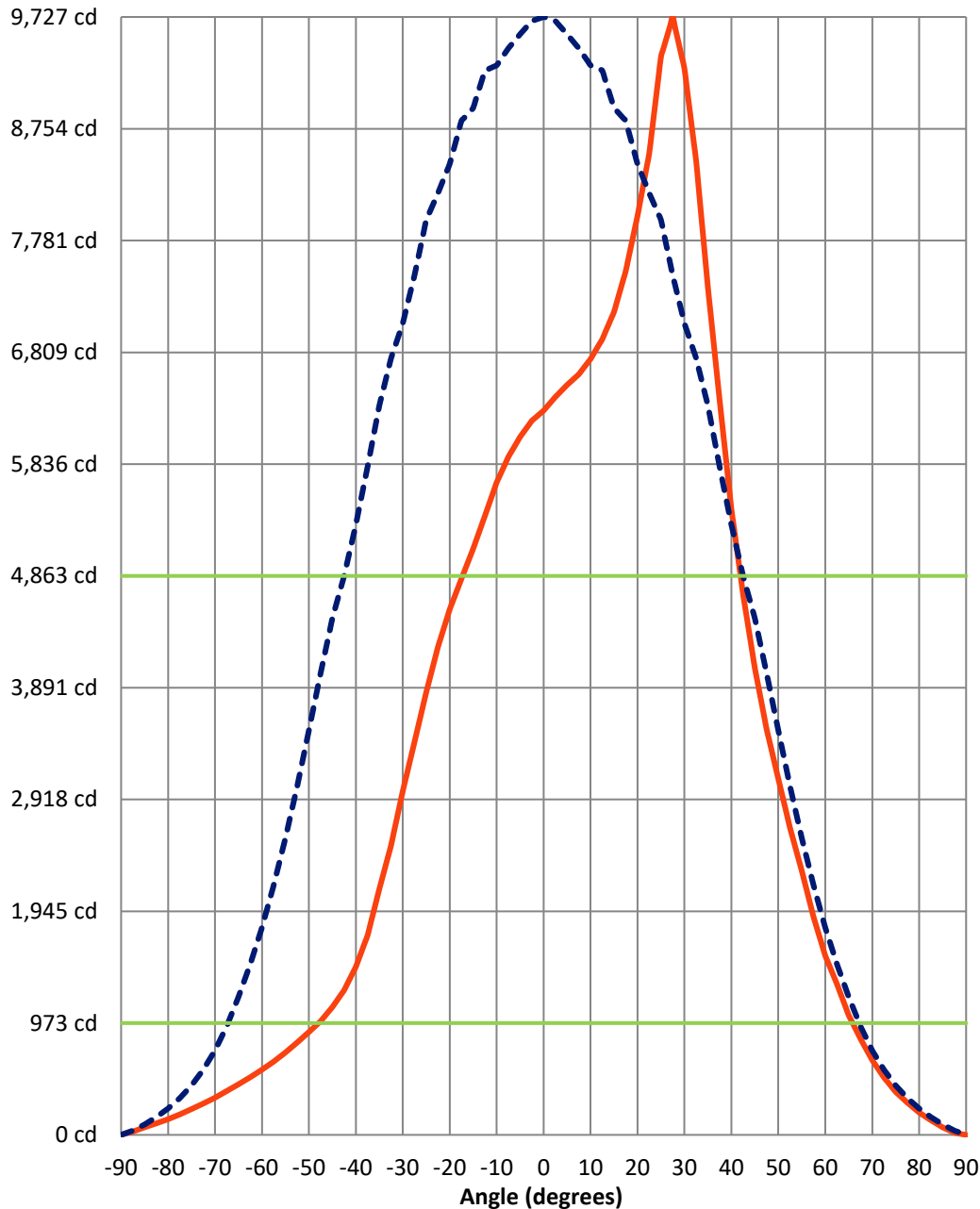
Luminous Intensity Polar Plot



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

REPORT NUMBER: P559010 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-927-U-WAF-XX

Luminous Intensity Plot



Beam:
 H Angle: 85°
 V Angle: 59.2°
 Lumens: 7354.3
 Efficiency: 51.9%

Field:
 H Angle: 134.5°
 V Angle: 113.8°
 Lumens: 13117.5
 Efficiency: 92.5%

Spill:
 Lumens: 1062.3
 Efficiency: 7.5%

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



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 CATALOG NUMBER: GFLD-SA5B-927-U-WAF-XX

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	1.9	3.8	5.6	7.4	9.1	10.8	12.5	14.1	15.6	17.1
85°	0.0	3.7	7.6	11.2	14.8	18.3	21.7	25.0	28.1	31.2	34.1
82.5°	0.0	5.6	11.3	16.8	22.2	27.4	32.5	37.4	43.0	52.4	62.2
80°	0.0	7.4	15.0	22.4	29.5	36.4	44.2	56.4	69.3	82.6	96.5
77.5°	0.0	9.2	18.7	27.9	36.8	47.5	62.7	78.6	95.3	112.5	132.7
75°	0.0	11.0	22.4	33.3	44.8	62.3	81.0	100.6	121.6	148.2	175.4
72.5°	0.0	12.8	26.0	38.8	56.0	76.9	99.0	123.8	154.2	185.5	217.5
70°	0.0	14.6	29.6	44.6	67.1	91.2	117.4	151.4	186.3	222.3	264.3
67.5°	0.0	16.3	33.1	52.5	78.0	105.2	139.8	178.5	217.9	264.5	311.5
65°	0.0	18.0	36.5	60.3	88.6	120.7	161.7	204.9	254.3	305.8	360.4
62.5°	0.0	19.6	39.9	67.8	99.0	137.7	182.8	234.3	290.0	347.6	414.3
60°	0.0	21.3	43.2	75.2	109.0	154.0	203.1	264.4	324.6	393.7	466.4
57.5°	0.0	22.8	47.8	82.3	121.1	169.8	226.1	293.3	362.3	438.1	526.0
55°	0.0	24.4	52.3	89.2	132.8	184.8	248.4	320.2	399.5	482.9	587.0
52.5°	0.0	25.9	56.6	95.8	143.9	199.6	269.5	348.8	435.1	533.2	644.5
50°	0.0	27.3	60.8	102.1	154.6	215.8	289.4	376.0	471.1	580.5	713.2
47.5°	0.0	28.7	64.9	108.5	164.6	231.0	308.3	401.3	509.4	624.4	778.8
45°	0.0	30.0	68.7	115.6	174.1	245.2	328.1	424.6	542.8	677.6	839.1
42.5°	0.0	31.3	72.4	122.3	183.0	258.3	346.4	449.1	573.4	726.6	907.0
40°	0.0	32.5	75.9	128.6	192.0	270.4	363.0	473.6	604.4	770.7	970.7
37.5°	0.0	33.6	79.3	134.6	201.0	281.4	378.0	495.8	637.8	811.0	1027.6
35°	0.0	34.7	82.4	140.2	209.2	292.3	391.4	515.8	667.2	853.9	1081.3
32.5°	0.0	35.7	85.3	145.5	216.6	302.6	404.2	533.5	692.6	890.5	1129.1
30°	0.0	36.6	88.0	150.3	223.2	311.6	418.0	549.9	714.0	921.0	1168.8
27.5°	0.0	37.5	90.5	154.7	229.5	319.4	429.9	566.9	733.9	945.4	1200.3
25°	0.0	38.3	92.8	158.7	235.1	326.0	440.0	580.8	753.3	967.8	1224.0
22.5°	0.0	39.0	94.9	162.3	239.9	331.7	448.2	591.6	767.9	985.8	1244.2
20°	0.0	39.6	96.8	165.4	243.8	337.4	454.6	599.5	777.8	997.5	1257.3
17.5°	0.0	40.2	98.4	168.1	247.1	342.0	460.3	604.4	783.3	1003.1	1263.3
15°	0.0	40.7	99.8	170.4	249.6	345.7	464.9	607.8	784.4	1002.7	1262.5
12.5°	0.0	41.1	100.9	172.3	251.3	348.4	467.8	610.3	784.4	996.7	1255.0
10°	0.0	41.4	101.8	173.7	252.3	350.1	468.9	610.5	783.1	993.7	1243.6
7.5°	0.0	41.6	102.5	174.7	252.7	350.8	468.4	608.4	778.5	987.4	1230.9
5°	0.0	41.8	103.0	175.2	252.4	350.5	466.3	604.1	770.7	976.9	1212.0
2.5°	0.0	41.9	103.2	175.4	251.4	349.3	462.8	597.8	760.0	962.4	1187.5
0°	0.0	41.9	103.2	175.1	249.9	347.1	457.8	589.5	746.6	944.1	1158.0
-2.5°	0.0	42.0	103.0	174.3	248.7	343.8	452.6	580.8	733.4	923.8	1128.3
-5°	0.0	41.9	102.5	173.1	246.9	339.7	446.1	570.5	717.9	900.2	1094.8
-7.5°	0.0	41.8	101.8	171.5	244.6	334.7	438.4	558.5	700.2	873.7	1057.9
-10°	0.0	41.6	100.9	169.5	241.7	328.9	429.6	545.1	680.6	844.6	1018.2
-12.5°	0.0	41.4	99.7	167.2	238.2	322.4	419.7	530.4	659.2	813.6	979.1
-15°	0.0	41.0	98.4	164.4	234.2	315.3	408.9	514.5	637.3	783.1	939.2
-17.5°	0.0	40.6	96.8	161.4	229.7	307.6	397.0	498.6	615.4	750.9	897.3
-20°	0.0	40.1	95.1	157.9	224.7	299.3	384.8	482.4	592.3	717.3	853.7



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 CATALOG NUMBER: GFLD-SA5B-927-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	39.5	93.1	154.2	219.2	290.5	372.5	465.2	568.1	682.5	808.8
-25°	0.0	38.8	91.0	150.1	213.2	281.8	359.5	446.9	543.2	646.8	762.7
-27.5°	0.0	38.1	88.7	145.8	206.7	272.6	345.8	427.6	517.5	612.3	719.1
-30°	0.0	37.3	86.2	141.1	199.7	262.9	331.5	407.4	492.6	580.7	675.5
-32.5°	0.0	36.4	83.6	136.2	192.6	252.6	316.7	388.6	467.9	549.1	632.2
-35°	0.0	35.4	80.8	131.0	185.1	241.8	302.8	370.1	442.5	517.4	589.2
-37.5°	0.0	34.3	77.9	125.5	177.2	231.0	289.1	351.1	416.3	485.9	553.8
-40°	0.0	33.2	74.8	119.8	168.9	220.6	274.9	331.8	389.6	455.2	520.2
-42.5°	0.0	32.0	71.6	113.9	160.7	209.8	260.2	312.3	365.6	425.5	486.0
-45°	0.0	30.7	68.2	107.8	152.6	198.7	245.1	293.4	343.0	395.8	451.6
-47.5°	0.0	29.4	64.8	101.5	144.2	187.2	229.5	275.3	320.4	366.1	418.7
-50°	0.0	28.0	61.2	95.9	135.4	175.5	215.3	256.8	298.1	341.1	386.0
-52.5°	0.0	26.6	57.5	90.3	126.5	163.6	201.1	238.0	276.5	315.6	353.9
-55°	0.0	25.1	53.7	84.6	117.2	152.0	186.7	219.2	255.0	289.8	325.4
-57.5°	0.0	23.5	49.7	78.7	107.8	140.3	172.0	202.4	233.2	265.1	296.6
-60°	0.0	21.9	45.8	72.7	98.2	128.3	157.2	185.5	211.6	240.5	268.2
-62.5°	0.0	20.3	42.3	66.5	90.0	116.1	142.8	168.3	192.2	215.6	241.0
-65°	0.0	18.6	38.8	60.2	81.7	103.7	128.1	151.0	172.6	193.2	213.7
-67.5°	0.0	16.8	35.2	53.8	73.3	92.1	113.2	134.0	152.8	171.3	188.6
-70°	0.0	15.0	31.5	47.3	64.7	81.6	98.1	116.8	133.8	149.1	164.5
-72.5°	0.0	13.2	27.7	41.5	56.1	70.9	85.1	99.5	114.7	128.5	140.7
-75°	0.0	11.4	23.9	35.7	47.3	60.1	72.4	84.2	95.6	107.8	118.8
-77.5°	0.0	9.5	20.0	29.8	39.4	49.1	59.5	69.5	79.0	87.9	96.8
-80°	0.0	7.7	16.1	23.9	31.6	39.0	46.5	54.7	62.6	69.9	76.7
-82.5°	0.0	5.8	12.1	18.0	23.7	29.3	34.8	40.4	46.0	51.8	57.2
-85°	0.0	3.8	8.1	12.0	15.8	19.6	23.2	27.0	30.7	34.3	37.9
-87.5°	0.0	1.9	4.0	6.0	7.9	9.8	11.6	13.5	15.4	17.2	19.0
-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: P559010 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-927-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°	18.0	18.7	19.3	19.7	20.5	21.1	21.7	22.2	22.6	22.9	23.1
85°	35.9	37.4	41.9	46.1	50.5	54.5	58.0	61.1	63.7	65.8	67.4
82.5°	70.2	77.7	84.8	91.5	97.6	103.0	108.3	114.3	119.2	123.2	126.6
80°	107.7	117.9	130.4	142.0	152.6	162.2	170.9	178.9	185.0	191.2	197.2
77.5°	151.3	167.9	183.4	197.6	211.4	227.5	242.3	255.9	266.4	274.3	280.4
75°	198.3	218.0	240.5	262.8	283.8	303.0	321.7	344.5	363.1	377.0	388.2
72.5°	248.4	276.7	304.3	331.0	361.7	391.6	420.6	448.6	473.2	491.3	506.0
70°	302.6	335.5	373.5	411.9	448.9	486.4	526.4	562.8	593.0	614.3	634.6
67.5°	357.9	404.0	449.0	495.3	547.7	595.4	639.1	685.2	725.8	752.5	775.9
65°	421.7	473.3	533.4	594.7	652.2	711.9	767.1	817.0	868.3	905.5	936.1
62.5°	483.3	555.9	626.7	698.5	770.8	835.7	907.8	972.1	1023.6	1076.9	1122.5
60°	556.4	642.6	729.5	816.1	897.1	988.1	1067.1	1141.9	1210.8	1270.2	1326.3
57.5°	629.4	740.7	843.5	945.1	1052.2	1149.6	1242.5	1326.2	1408.5	1477.3	1544.7
55°	706.2	849.5	968.1	1093.6	1211.3	1321.4	1425.8	1530.6	1618.4	1713.1	1795.6
52.5°	791.4	955.1	1108.4	1246.5	1379.3	1506.2	1631.0	1757.2	1880.5	1978.7	2071.9
50°	871.0	1066.1	1250.5	1408.2	1560.8	1711.4	1867.5	2025.2	2161.1	2273.4	2370.4
47.5°	958.7	1169.3	1403.6	1578.0	1761.1	1947.8	2137.2	2311.5	2459.5	2612.3	2719.5
45°	1044.1	1273.7	1528.0	1770.0	1981.8	2207.9	2416.6	2608.8	2823.2	2990.1	3133.3
42.5°	1122.1	1372.7	1655.7	1963.7	2228.5	2471.1	2697.0	2967.4	3213.8	3408.9	3587.5
40°	1202.4	1462.7	1771.8	2143.5	2474.5	2733.5	3008.4	3307.2	3627.9	3868.0	4081.5
37.5°	1275.7	1554.7	1877.9	2280.8	2716.7	3001.5	3305.4	3629.6	3995.3	4356.4	4613.0
35°	1340.6	1632.7	1983.3	2392.5	2838.7	3261.2	3582.7	3927.9	4328.1	4796.6	5147.0
32.5°	1399.5	1696.3	2066.9	2479.6	2932.3	3427.6	3835.5	4190.0	4591.4	5075.0	5669.9
30°	1447.5	1758.0	2129.2	2542.6	2996.6	3489.8	4007.9	4394.1	4775.1	5249.6	5803.3
27.5°	1483.9	1803.2	2172.1	2581.8	3030.9	3518.8	4017.1	4493.5	4862.4	5308.8	5812.4
25°	1511.8	1840.2	2194.8	2596.4	3036.0	3506.1	3985.6	4436.5	4850.5	5244.1	5696.0
22.5°	1535.0	1865.8	2219.7	2586.6	3013.1	3460.9	3911.9	4341.8	4742.5	5111.0	5499.8
20°	1552.3	1882.1	2232.2	2596.2	2974.6	3387.6	3818.9	4228.0	4615.1	4971.9	5288.3
17.5°	1560.2	1887.0	2232.2	2594.4	2968.2	3329.4	3705.0	4098.1	4478.7	4833.2	5145.8
15°	1558.8	1880.6	2219.9	2580.6	2948.7	3306.6	3652.5	3976.9	4331.3	4689.7	5001.1
12.5°	1548.5	1863.6	2195.8	2554.7	2917.1	3270.7	3610.4	3936.1	4253.9	4554.0	4851.8
10°	1529.7	1836.4	2160.3	2517.0	2873.4	3221.7	3557.1	3883.9	4198.3	4493.0	4770.3
7.5°	1510.4	1806.0	2117.6	2467.7	2817.7	3159.8	3492.1	3819.6	4127.9	4422.0	4701.9
5°	1484.9	1773.7	2085.0	2420.4	2757.8	3091.6	3416.8	3742.6	4042.7	4339.4	4620.5
2.5°	1452.6	1733.6	2044.0	2363.1	2690.7	3021.0	3335.2	3655.0	3962.7	4247.9	4524.9
0°	1413.9	1686.2	1994.4	2295.1	2612.3	2938.5	3240.7	3553.4	3873.6	4142.9	4413.7
-2.5°	1371.8	1629.4	1922.1	2221.3	2527.9	2847.8	3157.6	3454.1	3767.3	4039.4	4316.0
-5°	1324.6	1566.6	1842.3	2138.1	2433.5	2745.4	3061.0	3342.9	3642.1	3911.2	4183.3
-7.5°	1272.9	1498.9	1755.9	2044.6	2326.1	2620.2	2919.1	3190.4	3481.2	3747.4	4012.4
-10°	1218.5	1432.1	1672.0	1939.0	2204.3	2478.5	2759.3	3024.9	3304.5	3569.6	3824.6
-12.5°	1166.3	1366.1	1585.5	1828.3	2075.9	2329.2	2590.3	2846.7	3111.9	3378.4	3616.7
-15°	1111.6	1296.9	1496.1	1713.7	1941.8	2173.5	2413.4	2656.1	2904.9	3165.6	3385.8
-17.5°	1055.0	1224.9	1404.9	1596.6	1802.9	2012.8	2233.3	2467.5	2695.3	2932.8	3145.7
-20°	997.1	1150.8	1312.9	1478.2	1661.5	1862.7	2069.0	2279.1	2486.1	2692.9	2892.9



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 CATALOG NUMBER: GFLD-SA5B-927-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°	938.4	1075.2	1222.7	1368.1	1542.4	1724.1	1905.1	2087.5	2273.2	2451.2	2640.5
-25°	881.7	1004.9	1135.2	1276.6	1426.2	1586.4	1741.9	1896.1	2060.8	2227.7	2390.5
-27.5°	827.1	935.8	1058.8	1184.8	1309.5	1452.1	1588.2	1718.9	1862.6	2009.8	2141.4
-30°	772.3	875.5	983.2	1095.1	1204.8	1323.8	1441.5	1556.1	1673.2	1799.3	1913.2
-32.5°	721.5	815.7	913.7	1011.8	1104.9	1197.2	1306.0	1407.8	1503.6	1593.4	1692.8
-35°	675.1	761.4	846.7	931.2	1007.9	1089.1	1180.0	1265.8	1342.7	1414.8	1490.8
-37.5°	631.2	708.2	780.0	855.5	923.7	993.2	1060.1	1134.3	1196.7	1254.3	1316.7
-40°	587.3	656.1	720.8	783.8	846.3	904.4	961.5	1012.0	1062.2	1117.6	1160.5
-42.5°	544.1	608.0	665.8	714.3	773.1	823.2	867.5	909.4	950.4	993.6	1028.0
-45°	505.9	560.3	613.1	659.5	703.7	746.3	783.9	816.8	855.6	885.6	911.6
-47.5°	467.4	514.5	562.8	605.6	642.5	677.2	705.2	738.2	770.0	795.8	810.9
-50°	429.5	472.6	513.5	553.3	586.8	614.6	638.8	666.0	692.4	714.3	728.7
-52.5°	394.6	430.6	468.4	502.4	533.2	558.1	581.2	604.8	624.2	639.2	658.1
-55°	360.0	393.2	424.8	455.4	481.7	504.5	527.1	548.1	564.7	577.6	593.3
-57.5°	327.7	357.6	385.1	410.7	434.4	454.1	476.0	493.9	509.4	521.5	537.6
-60°	296.1	322.8	347.9	370.2	389.6	409.0	427.0	443.4	456.9	468.9	483.7
-62.5°	264.7	288.9	311.5	332.0	349.6	365.6	381.8	395.8	407.1	419.6	431.8
-65°	235.3	255.7	275.5	294.1	310.8	326.1	339.4	350.7	361.3	372.4	382.3
-67.5°	206.0	225.0	241.6	256.4	271.9	286.6	299.0	309.4	318.3	327.3	335.6
-70°	179.7	194.9	210.0	223.4	235.1	247.5	259.4	269.3	277.2	284.3	291.0
-72.5°	153.9	167.3	179.8	191.3	202.0	211.9	221.3	230.3	237.6	243.2	248.0
-75°	129.4	139.8	150.6	160.7	169.4	177.0	184.3	191.4	197.4	202.2	206.1
-77.5°	105.9	114.7	123.0	130.7	136.9	143.0	148.7	153.8	158.4	162.1	164.7
-80°	83.2	89.6	96.3	102.6	107.4	111.5	115.1	118.2	121.6	125.1	128.1
-82.5°	61.9	66.5	71.0	75.3	78.6	81.5	83.9	86.3	88.8	91.0	93.0
-85°	40.8	43.4	46.1	48.7	51.3	53.5	55.5	57.1	58.5	59.6	60.6
-87.5°	20.4	21.7	22.9	24.0	25.3	26.4	27.5	28.6	29.2	29.8	30.3
-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: P559010 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-927-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°	23.3	23.3	23.3	23.2	23.0	22.1	21.1	20.0	18.8	19.4	19.9
85°	68.6	68.9	68.6	68.0	66.8	66.8	66.5	66.1	65.5	66.5	67.3
82.5°	129.1	130.1	130.2	129.6	128.2	128.8	129.1	128.8	128.1	129.0	129.6
80°	201.8	203.7	203.8	202.4	199.6	200.0	200.2	199.7	198.4	198.7	198.6
77.5°	287.4	291.9	293.4	292.7	290.0	289.2	287.2	283.3	277.6	277.5	277.6
75°	396.7	401.2	403.6	403.4	400.7	399.0	396.5	392.0	385.6	385.4	385.4
72.5°	517.3	523.9	526.9	529.6	529.6	528.6	525.3	518.6	508.7	507.5	508.7
70°	650.4	661.7	668.8	674.2	678.5	679.4	677.3	671.9	663.2	660.9	660.2
67.5°	798.8	816.7	830.2	839.2	847.7	853.8	856.2	853.7	846.7	844.4	845.3
65°	965.0	992.6	1015.4	1032.5	1044.0	1052.1	1059.2	1063.4	1064.4	1066.9	1070.2
62.5°	1159.2	1193.1	1224.9	1246.5	1257.6	1265.4	1288.3	1301.4	1305.2	1306.0	1311.0
60°	1376.0	1418.9	1458.5	1490.3	1516.0	1535.5	1554.9	1567.7	1572.5	1573.5	1580.4
57.5°	1613.1	1667.0	1713.4	1762.7	1797.0	1816.9	1842.8	1869.5	1883.5	1887.5	1904.0
55°	1875.4	1949.0	2009.1	2061.8	2109.8	2152.0	2187.7	2215.2	2235.6	2247.9	2269.6
52.5°	2165.5	2251.9	2314.8	2376.7	2445.5	2494.0	2525.7	2576.7	2613.6	2633.8	2659.8
50°	2484.0	2580.3	2666.0	2730.9	2810.9	2877.1	2925.4	2973.7	3007.4	3026.7	3051.9
47.5°	2846.6	2965.2	3064.6	3124.7	3217.6	3295.7	3327.1	3363.6	3427.2	3457.7	3484.6
45°	3254.8	3406.0	3516.5	3610.6	3690.5	3778.0	3835.4	3876.8	3939.4	3970.9	3990.7
42.5°	3740.5	3908.7	4054.3	4167.3	4234.4	4348.0	4430.8	4454.1	4542.8	4603.0	4620.8
40°	4285.2	4471.7	4663.7	4792.5	4900.6	5015.9	5152.5	5228.6	5303.6	5362.7	5376.0
37.5°	4852.8	5102.6	5321.7	5487.9	5666.6	5836.7	5981.5	6060.5	6109.7	6222.6	6264.8
35°	5429.9	5687.6	5994.5	6252.9	6469.5	6679.5	6844.7	6974.8	7098.7	7200.3	7261.2
32.5°	5921.3	6198.6	6577.6	6964.4	7198.3	7425.7	7697.1	7845.9	8011.2	8145.1	8243.0
30°	6325.1	6588.8	6933.8	7419.2	7739.4	7969.9	8313.4	8519.2	8699.2	8926.2	9005.2
27.5°	6344.2	6756.3	7061.5	7479.5	7960.0	8194.0	8448.2	8822.3	8935.8	9259.4	9306.0
25°	6177.7	6610.4	6924.0	7272.9	7672.4	7957.1	8189.2	8500.3	8663.1	8871.3	9031.1
22.5°	5917.3	6298.6	6618.4	6914.3	7226.1	7485.3	7697.4	7916.1	8094.9	8256.4	8406.4
20°	5629.6	5991.5	6294.9	6549.3	6796.4	7036.7	7227.6	7411.2	7565.8	7704.4	7789.8
17.5°	5427.0	5687.4	5997.4	6258.0	6472.3	6660.9	6858.3	7012.0	7147.6	7272.3	7350.3
15°	5288.7	5536.4	5757.0	5996.2	6222.0	6401.7	6550.4	6709.0	6826.2	6933.6	7018.1
12.5°	5145.2	5400.3	5631.2	5830.4	6007.2	6203.5	6362.4	6487.2	6610.1	6694.4	6781.3
10°	5025.2	5264.0	5503.5	5713.9	5899.8	6061.6	6212.1	6352.0	6462.3	6556.9	6625.3
7.5°	4955.7	5189.8	5405.1	5606.9	5788.1	5960.5	6115.7	6244.0	6353.3	6451.2	6522.8
5°	4874.9	5106.7	5321.6	5527.9	5701.9	5867.6	6022.1	6154.1	6267.3	6354.5	6423.1
2.5°	4782.4	5011.0	5225.4	5435.1	5609.0	5768.9	5915.1	6043.8	6161.7	6244.8	6303.2
0°	4677.0	4905.9	5115.4	5312.9	5488.0	5660.0	5794.7	5924.8	6040.0	6122.3	6180.7
-2.5°	4570.7	4798.2	5015.0	5204.3	5378.0	5536.9	5680.2	5803.1	5913.1	5995.1	6046.3
-5°	4429.4	4655.5	4869.5	5060.2	5241.6	5401.1	5540.5	5665.5	5771.5	5860.8	5930.3
-7.5°	4258.3	4486.9	4700.7	4895.3	5076.0	5226.7	5360.5	5486.5	5599.6	5697.2	5782.7
-10°	4070.1	4296.2	4498.2	4680.5	4848.9	5002.1	5144.5	5268.9	5372.5	5468.1	5540.1
-12.5°	3851.0	4060.3	4257.9	4437.6	4602.2	4755.6	4891.0	5009.5	5113.8	5198.6	5263.4
-15°	3609.2	3807.9	3995.0	4178.7	4351.0	4502.1	4621.2	4746.1	4836.6	4918.8	4977.2
-17.5°	3350.5	3542.6	3739.4	3923.6	4082.6	4231.7	4362.7	4476.9	4571.8	4647.2	4713.1
-20°	3088.2	3284.0	3473.3	3648.9	3801.9	3940.0	4072.7	4182.4	4279.7	4361.7	4439.0



REPORT NUMBER: P559010 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-927-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2824.9	3004.4	3182.2	3353.9	3498.6	3629.2	3745.4	3850.3	3936.2	4032.9	4101.1
-25°	2554.4	2711.7	2872.2	3023.9	3160.7	3289.1	3394.4	3486.3	3575.9	3669.2	3735.8
-27.5°	2282.5	2421.6	2552.1	2686.2	2806.1	2917.3	3015.1	3095.5	3182.4	3244.7	3317.9
-30°	2013.7	2139.9	2248.7	2342.1	2454.7	2550.2	2626.3	2706.2	2778.0	2837.5	2899.2
-32.5°	1786.1	1872.4	1959.2	2037.3	2112.3	2190.7	2252.0	2321.8	2371.1	2422.4	2472.2
-35°	1567.3	1633.8	1691.4	1764.5	1820.7	1863.4	1914.5	1965.7	1985.4	2041.2	2070.9
-37.5°	1369.3	1412.9	1466.7	1517.5	1559.2	1591.2	1636.7	1663.5	1677.7	1713.7	1733.0
-40°	1199.7	1227.2	1277.5	1312.2	1337.2	1360.4	1398.3	1415.7	1435.0	1452.9	1453.5
-42.5°	1050.5	1085.9	1120.0	1147.3	1163.1	1189.5	1207.4	1209.4	1234.4	1250.3	1252.7
-45°	928.5	964.5	991.5	1011.6	1027.3	1050.1	1061.5	1068.0	1088.4	1099.2	1104.0
-47.5°	834.8	860.0	883.3	898.8	919.5	936.4	944.8	955.5	971.1	981.1	988.2
-50°	752.4	772.3	790.1	804.3	824.9	839.9	848.0	861.2	872.8	880.1	885.6
-52.5°	679.9	697.7	710.0	723.8	741.0	754.2	764.5	777.5	787.3	793.6	798.6
-55°	612.1	628.8	640.8	655.8	668.1	677.0	685.8	698.5	708.1	714.5	718.7
-57.5°	552.2	564.8	576.6	590.2	601.9	611.5	619.4	626.4	632.7	638.0	642.1
-60°	496.2	506.4	517.2	527.9	536.7	543.6	552.0	558.4	562.5	565.0	568.4
-62.5°	442.3	451.5	461.1	469.6	476.7	482.5	489.3	494.6	498.3	501.0	503.0
-65°	391.0	399.0	407.1	414.2	420.3	425.3	430.1	433.8	436.5	438.7	440.5
-67.5°	343.1	349.4	355.0	360.0	364.6	368.9	373.0	375.9	377.4	379.2	381.1
-70°	296.9	301.8	305.6	308.6	311.2	314.7	318.7	321.5	323.1	324.9	326.6
-72.5°	252.2	255.8	258.9	261.3	262.8	265.0	267.8	270.1	271.8	273.2	273.8
-75°	209.1	212.1	214.8	216.7	217.8	219.4	220.8	221.6	221.7	222.3	222.7
-77.5°	167.0	169.9	172.5	174.3	175.4	176.7	177.7	178.2	178.3	178.4	178.0
-80°	130.4	132.4	134.0	135.3	136.1	137.0	137.5	137.6	137.3	137.6	137.7
-82.5°	94.7	96.5	98.0	99.1	99.8	100.7	101.4	102.0	102.3	102.4	102.2
-85°	61.3	62.1	62.9	63.6	64.2	64.7	64.9	64.9	64.8	64.8	64.7
-87.5°	30.6	30.3	29.8	29.2	28.5	28.7	28.8	28.9	28.9	29.2	29.4
-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: P559010 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-927-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°	20.4	20.8	19.4	18.0	19.4	20.8	20.4	19.9	19.4	18.8	20.0
85°	68.0	68.4	67.2	65.8	67.2	68.4	68.0	67.3	66.5	65.5	66.1
82.5°	129.7	129.5	128.5	127.2	128.5	129.5	129.7	129.6	129.0	128.1	128.8
80°	197.9	196.5	195.8	194.5	195.8	196.5	197.9	198.6	198.7	198.4	199.7
77.5°	276.9	275.4	277.9	279.8	277.9	275.4	276.9	277.6	277.5	277.6	283.3
75°	383.9	380.9	378.1	374.0	378.1	380.9	383.9	385.4	385.4	385.6	392.0
72.5°	508.2	505.9	503.6	499.7	503.6	505.9	508.2	508.7	507.5	508.7	518.6
70°	656.2	649.3	650.4	650.8	650.4	649.3	656.2	660.2	660.9	663.2	671.9
67.5°	842.6	836.3	837.1	836.4	837.1	836.3	842.6	845.3	844.4	846.7	853.7
65°	1068.2	1061.1	1052.5	1039.8	1052.5	1061.1	1068.2	1070.2	1066.9	1064.4	1063.4
62.5°	1310.4	1304.1	1307.7	1310.6	1307.7	1304.1	1310.4	1311.0	1306.0	1305.2	1301.4
60°	1579.3	1570.5	1566.1	1559.0	1566.1	1570.5	1579.3	1580.4	1573.5	1572.5	1567.7
57.5°	1911.5	1909.9	1906.0	1895.0	1906.0	1909.9	1911.5	1904.0	1887.5	1883.5	1869.5
55°	2279.8	2277.7	2286.2	2296.6	2286.2	2277.7	2279.8	2269.6	2247.9	2235.6	2215.2
52.5°	2678.9	2685.7	2683.3	2669.2	2683.3	2685.7	2678.9	2659.8	2633.8	2613.6	2576.7
50°	3074.0	3081.6	3089.7	3097.1	3089.7	3081.6	3074.0	3051.9	3026.7	3007.4	2973.7
47.5°	3521.8	3541.7	3545.2	3531.0	3545.2	3541.7	3521.8	3484.6	3457.7	3427.2	3363.6
45°	4030.4	4042.5	4048.5	4060.6	4048.5	4042.5	4030.4	3990.7	3970.9	3939.4	3876.8
42.5°	4671.8	4685.7	4687.9	4701.0	4687.9	4685.7	4671.8	4620.8	4603.0	4542.8	4454.1
40°	5433.0	5455.6	5451.7	5446.1	5451.7	5455.6	5433.0	5376.0	5362.7	5303.6	5228.6
37.5°	6324.1	6362.4	6366.4	6390.1	6366.4	6362.4	6324.1	6264.8	6222.6	6109.7	6060.5
35°	7324.2	7369.4	7361.6	7373.1	7361.6	7369.4	7324.2	7261.2	7200.3	7098.7	6974.8
32.5°	8333.0	8400.7	8414.4	8471.3	8414.4	8400.7	8333.0	8243.0	8145.1	8011.2	7845.9
30°	9125.6	9220.5	9282.4	9277.8	9282.4	9220.5	9125.6	9005.2	8926.2	8699.2	8519.2
27.5°	9453.9	9576.8	9691.9	9726.6	9691.9	9576.8	9453.9	9306.0	9259.4	8935.8	8822.3
25°	9133.6	9223.4	9325.0	9379.5	9325.0	9223.4	9133.6	9031.1	8871.3	8663.1	8500.3
22.5°	8475.4	8533.8	8568.4	8540.1	8568.4	8533.8	8475.4	8406.4	8256.4	8094.9	7916.1
20°	7878.1	7952.0	7965.7	7995.5	7965.7	7952.0	7878.1	7789.8	7704.4	7565.8	7411.2
17.5°	7433.6	7482.0	7510.4	7516.8	7510.4	7482.0	7433.6	7350.3	7272.3	7147.6	7012.0
15°	7085.2	7123.9	7149.4	7160.7	7149.4	7123.9	7085.2	7018.1	6933.6	6826.2	6709.0
12.5°	6838.3	6885.5	6908.7	6922.8	6908.7	6885.5	6838.3	6781.3	6694.4	6610.1	6487.2
10°	6680.0	6725.6	6743.9	6750.7	6743.9	6725.6	6680.0	6625.3	6556.9	6462.3	6352.0
7.5°	6566.2	6595.6	6607.9	6617.6	6607.9	6595.6	6566.2	6522.8	6451.2	6353.3	6244.0
5°	6474.5	6497.8	6510.9	6524.8	6510.9	6497.8	6474.5	6423.1	6354.5	6267.3	6154.1
2.5°	6349.6	6383.0	6406.1	6420.1	6406.1	6383.0	6349.6	6303.2	6244.8	6161.7	6043.8
0°	6227.1	6258.5	6274.9	6301.9	6274.9	6258.5	6227.1	6180.7	6122.3	6040.0	5924.8
-2.5°	6092.2	6128.7	6171.9	6213.6	6171.9	6128.7	6092.2	6046.3	5995.1	5913.1	5803.1
-5°	5989.1	6037.2	6046.3	6073.0	6046.3	6037.2	5989.1	5930.3	5860.8	5771.5	5665.5
-7.5°	5833.6	5855.5	5892.8	5899.4	5892.8	5855.5	5833.6	5782.7	5697.2	5599.6	5486.5
-10°	5593.9	5629.5	5652.8	5676.5	5652.8	5629.5	5593.9	5540.1	5468.1	5372.5	5268.9
-12.5°	5312.2	5354.1	5391.5	5386.2	5391.5	5354.1	5312.2	5263.4	5198.6	5113.8	5009.5
-15°	5037.8	5078.2	5103.9	5100.4	5103.9	5078.2	5037.8	4977.2	4918.8	4836.6	4746.1
-17.5°	4765.4	4802.3	4839.5	4838.6	4839.5	4802.3	4765.4	4713.1	4647.2	4571.8	4476.9
-20°	4484.2	4515.8	4555.6	4572.3	4555.6	4515.8	4484.2	4439.0	4361.7	4279.7	4182.4



REPORT NUMBER: P559010 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-927-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°	4159.0	4199.4	4228.3	4246.1	4228.3	4199.4	4159.0	4101.1	4032.9	3936.2	3850.3
-25°	3779.9	3821.4	3843.4	3851.1	3843.4	3821.4	3779.9	3735.8	3669.2	3575.9	3486.3
-27.5°	3361.0	3407.6	3430.2	3418.8	3430.2	3407.6	3361.0	3317.9	3244.7	3182.4	3095.5
-30°	2931.6	2961.4	2964.9	2990.8	2964.9	2961.4	2931.6	2899.2	2837.5	2778.0	2706.2
-32.5°	2507.8	2527.8	2516.5	2518.1	2516.5	2527.8	2507.8	2472.2	2422.4	2371.1	2321.8
-35°	2089.4	2105.4	2108.6	2138.0	2108.6	2105.4	2089.4	2070.9	2041.2	1985.4	1965.7
-37.5°	1753.0	1759.5	1749.6	1735.6	1749.6	1759.5	1753.0	1733.0	1713.7	1677.7	1663.5
-40°	1467.7	1472.7	1469.0	1461.8	1469.0	1472.7	1467.7	1453.5	1452.9	1435.0	1415.7
-42.5°	1262.5	1262.6	1259.2	1258.3	1259.2	1262.6	1262.5	1252.7	1250.3	1234.4	1209.4
-45°	1110.9	1112.4	1112.2	1111.7	1112.2	1112.4	1110.9	1104.0	1099.2	1088.4	1068.0
-47.5°	993.3	993.6	992.1	989.0	992.1	993.6	993.3	988.2	981.1	971.1	955.5
-50°	889.1	889.1	891.1	894.7	891.1	889.1	889.1	885.6	880.1	872.8	861.2
-52.5°	801.1	800.9	802.0	803.4	802.0	800.9	801.1	798.6	793.6	787.3	777.5
-55°	720.7	720.2	719.2	716.7	719.2	720.2	720.7	718.7	714.5	708.1	698.5
-57.5°	643.6	642.7	640.8	637.4	640.8	642.7	643.6	642.1	638.0	632.7	626.4
-60°	570.3	570.6	569.6	567.0	569.6	570.6	570.3	568.4	565.0	562.5	558.4
-62.5°	503.4	502.4	502.2	501.2	502.2	502.4	503.4	503.0	501.0	498.3	494.6
-65°	440.8	439.8	440.1	439.9	440.1	439.8	440.8	440.5	438.7	436.5	433.8
-67.5°	381.8	381.5	381.8	381.5	381.8	381.5	381.8	381.1	379.2	377.4	375.9
-70°	327.5	327.7	326.0	323.2	326.0	327.7	327.5	326.6	324.9	323.1	321.5
-72.5°	273.6	272.7	272.7	272.3	272.7	272.7	273.6	273.8	273.2	271.8	270.1
-75°	222.6	221.9	223.4	224.4	223.4	221.9	222.6	222.7	222.3	221.7	221.6
-77.5°	177.2	175.9	177.0	178.0	177.0	175.9	177.2	178.0	178.4	178.3	178.2
-80°	137.5	137.1	136.8	136.2	136.8	137.1	137.5	137.7	137.6	137.3	137.6
-82.5°	101.9	101.3	100.9	100.2	100.9	101.3	101.9	102.2	102.4	102.3	102.0
-85°	64.5	64.0	65.0	65.8	65.0	64.0	64.5	64.7	64.8	64.8	64.9
-87.5°	29.6	29.8	29.1	28.4	29.1	29.8	29.6	29.4	29.2	28.9	28.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559010 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-927-U-WAF-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°	21.1	22.1	23.0	23.2	23.3	23.3	23.3	23.1	22.9	22.6	22.2
85°	66.5	66.8	66.8	68.0	68.6	68.9	68.6	67.4	65.8	63.7	61.1
82.5°	129.1	128.8	128.2	129.6	130.2	130.1	129.1	126.6	123.2	119.2	114.3
80°	200.2	200.0	199.6	202.4	203.8	203.7	201.8	197.2	191.2	185.0	178.9
77.5°	287.2	289.2	290.0	292.7	293.4	291.9	287.4	280.4	274.3	266.4	255.9
75°	396.5	399.0	400.7	403.4	403.6	401.2	396.7	388.2	377.0	363.1	344.5
72.5°	525.3	528.6	529.6	529.6	526.9	523.9	517.3	506.0	491.3	473.2	448.6
70°	677.3	679.4	678.5	674.2	668.8	661.7	650.4	634.6	614.3	593.0	562.8
67.5°	856.2	853.8	847.7	839.2	830.2	816.7	798.8	775.9	752.5	725.8	685.2
65°	1059.2	1052.1	1044.0	1032.5	1015.4	992.6	965.0	936.1	905.5	868.3	817.0
62.5°	1288.3	1265.4	1257.6	1246.5	1224.9	1193.1	1159.2	1122.5	1076.9	1023.6	972.1
60°	1554.9	1535.5	1516.0	1490.3	1458.5	1418.9	1376.0	1326.3	1270.2	1210.8	1141.9
57.5°	1842.8	1816.9	1797.0	1762.7	1713.4	1667.0	1613.1	1544.7	1477.3	1408.5	1326.2
55°	2187.7	2152.0	2109.8	2061.8	2009.1	1949.0	1875.4	1795.6	1713.1	1618.4	1530.6
52.5°	2525.7	2494.0	2445.5	2376.7	2314.8	2251.9	2165.5	2071.9	1978.7	1880.5	1757.2
50°	2925.4	2877.1	2810.9	2730.9	2666.0	2580.3	2484.0	2370.4	2273.4	2161.1	2025.2
47.5°	3327.1	3295.7	3217.6	3124.7	3064.6	2965.2	2846.6	2719.5	2612.3	2459.5	2311.5
45°	3835.4	3778.0	3690.5	3610.6	3516.5	3406.0	3254.8	3133.3	2990.1	2823.2	2608.8
42.5°	4430.8	4348.0	4234.4	4167.3	4054.3	3908.7	3740.5	3587.5	3408.9	3213.8	2967.4
40°	5152.5	5015.9	4900.6	4792.5	4663.7	4471.7	4285.2	4081.5	3868.0	3627.9	3307.2
37.5°	5981.5	5836.7	5666.6	5487.9	5321.7	5102.6	4852.8	4613.0	4356.4	3995.3	3629.6
35°	6844.7	6679.5	6469.5	6252.9	5994.5	5687.6	5429.9	5147.0	4796.6	4328.1	3927.9
32.5°	7697.1	7425.7	7198.3	6964.4	6577.6	6198.6	5921.3	5669.9	5075.0	4591.4	4190.0
30°	8313.4	7969.9	7739.4	7419.2	6933.8	6588.8	6325.1	5803.3	5249.6	4775.1	4394.1
27.5°	8448.2	8194.0	7960.0	7479.5	7061.5	6756.3	6344.2	5812.4	5308.8	4862.4	4493.5
25°	8189.2	7957.1	7672.4	7272.9	6924.0	6610.4	6177.7	5696.0	5244.1	4850.5	4436.5
22.5°	7697.4	7485.3	7226.1	6914.3	6618.4	6298.6	5917.3	5499.8	5111.0	4742.5	4341.8
20°	7227.6	7036.7	6796.4	6549.3	6294.9	5991.5	5629.6	5288.3	4971.9	4615.1	4228.0
17.5°	6858.3	6660.9	6472.3	6258.0	5997.4	5687.4	5427.0	5145.8	4833.2	4478.7	4098.1
15°	6550.4	6401.7	6222.0	5996.2	5757.0	5536.4	5288.7	5001.1	4689.7	4331.3	3976.9
12.5°	6362.4	6203.5	6007.2	5830.4	5631.2	5400.3	5145.2	4851.8	4554.0	4253.9	3936.1
10°	6212.1	6061.6	5899.8	5713.9	5503.5	5264.0	5025.2	4770.3	4493.0	4198.3	3883.9
7.5°	6115.7	5960.5	5788.1	5606.9	5405.1	5189.8	4955.7	4701.9	4422.0	4127.9	3819.6
5°	6022.1	5867.6	5701.9	5527.9	5321.6	5106.7	4874.9	4620.5	4339.4	4042.7	3742.6
2.5°	5915.1	5768.9	5609.0	5435.1	5225.4	5011.0	4782.4	4524.9	4247.9	3962.7	3655.0
0°	5794.7	5660.0	5488.0	5312.9	5115.4	4905.9	4677.0	4413.7	4142.9	3873.6	3553.4
-2.5°	5680.2	5536.9	5378.0	5204.3	5015.0	4798.2	4570.7	4316.0	4039.4	3767.3	3454.1
-5°	5540.5	5401.1	5241.6	5060.2	4869.5	4655.5	4429.4	4183.3	3911.2	3642.1	3342.9
-7.5°	5360.5	5226.7	5076.0	4895.3	4700.7	4486.9	4258.3	4012.4	3747.4	3481.2	3190.4
-10°	5144.5	5002.1	4848.9	4680.5	4498.2	4296.2	4070.1	3824.6	3569.6	3304.5	3024.9
-12.5°	4891.0	4755.6	4602.2	4437.6	4257.9	4060.3	3851.0	3616.7	3378.4	3111.9	2846.7
-15°	4621.2	4502.1	4351.0	4178.7	3995.0	3807.9	3609.2	3385.8	3165.6	2904.9	2656.1
-17.5°	4362.7	4231.7	4082.6	3923.6	3739.4	3542.6	3350.5	3145.7	2932.8	2695.3	2467.5
-20°	4072.7	3940.0	3801.9	3648.9	3473.3	3284.0	3088.2	2892.9	2692.9	2486.1	2279.1



REPORT NUMBER: P559010 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-927-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3745.4	3629.2	3498.6	3353.9	3182.2	3004.4	2824.9	2640.5	2451.2	2273.2	2087.5
-25°	3394.4	3289.1	3160.7	3023.9	2872.2	2711.7	2554.4	2390.5	2227.7	2060.8	1896.1
-27.5°	3015.1	2917.3	2806.1	2686.2	2552.1	2421.6	2282.5	2141.4	2009.8	1862.6	1718.9
-30°	2626.3	2550.2	2454.7	2342.1	2248.7	2139.9	2013.7	1913.2	1799.3	1673.2	1556.1
-32.5°	2252.0	2190.7	2112.3	2037.3	1959.2	1872.4	1786.1	1692.8	1593.4	1503.6	1407.8
-35°	1914.5	1863.4	1820.7	1764.5	1691.4	1633.8	1567.3	1490.8	1414.8	1342.7	1265.8
-37.5°	1636.7	1591.2	1559.2	1517.5	1466.7	1412.9	1369.3	1316.7	1254.3	1196.7	1134.3
-40°	1398.3	1360.4	1337.2	1312.2	1277.5	1227.2	1199.7	1160.5	1117.6	1062.2	1012.0
-42.5°	1207.4	1189.5	1163.1	1147.3	1120.0	1085.9	1050.5	1028.0	993.6	950.4	909.4
-45°	1061.5	1050.1	1027.3	1011.6	991.5	964.5	928.5	911.6	885.6	855.6	816.8
-47.5°	944.8	936.4	919.5	898.8	883.3	860.0	834.8	810.9	795.8	770.0	738.2
-50°	848.0	839.9	824.9	804.3	790.1	772.3	752.4	728.7	714.3	692.4	666.0
-52.5°	764.5	754.2	741.0	723.8	710.0	697.7	679.9	658.1	639.2	624.2	604.8
-55°	685.8	677.0	668.1	655.8	640.8	628.8	612.1	593.3	577.6	564.7	548.1
-57.5°	619.4	611.5	601.9	590.2	576.6	564.8	552.2	537.6	521.5	509.4	493.9
-60°	552.0	543.6	536.7	527.9	517.2	506.4	496.2	483.7	468.9	456.9	443.4
-62.5°	489.3	482.5	476.7	469.6	461.1	451.5	442.3	431.8	419.6	407.1	395.8
-65°	430.1	425.3	420.3	414.2	407.1	399.0	391.0	382.3	372.4	361.3	350.7
-67.5°	373.0	368.9	364.6	360.0	355.0	349.4	343.1	335.6	327.3	318.3	309.4
-70°	318.7	314.7	311.2	308.6	305.6	301.8	296.9	291.0	284.3	277.2	269.3
-72.5°	267.8	265.0	262.8	261.3	258.9	255.8	252.2	248.0	243.2	237.6	230.3
-75°	220.8	219.4	217.8	216.7	214.8	212.1	209.1	206.1	202.2	197.4	191.4
-77.5°	177.7	176.7	175.4	174.3	172.5	169.9	167.0	164.7	162.1	158.4	153.8
-80°	137.5	137.0	136.1	135.3	134.0	132.4	130.4	128.1	125.1	121.6	118.2
-82.5°	101.4	100.7	99.8	99.1	98.0	96.5	94.7	93.0	91.0	88.8	86.3
-85°	64.9	64.7	64.2	63.6	62.9	62.1	61.3	60.6	59.6	58.5	57.1
-87.5°	28.8	28.7	28.5	29.2	29.8	30.3	30.6	30.3	29.8	29.2	28.6
-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: P559010 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-927-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°	21.7	21.1	20.5	19.7	19.3	18.7	18.0	17.1	15.6	14.1	12.5
85°	58.0	54.5	50.5	46.1	41.9	37.4	35.9	34.1	31.2	28.1	25.0
82.5°	108.3	103.0	97.6	91.5	84.8	77.7	70.2	62.2	52.4	43.0	37.4
80°	170.9	162.2	152.6	142.0	130.4	117.9	107.7	96.5	82.6	69.3	56.4
77.5°	242.3	227.5	211.4	197.6	183.4	167.9	151.3	132.7	112.5	95.3	78.6
75°	321.7	303.0	283.8	262.8	240.5	218.0	198.3	175.4	148.2	121.6	100.6
72.5°	420.6	391.6	361.7	331.0	304.3	276.7	248.4	217.5	185.5	154.2	123.8
70°	526.4	486.4	448.9	411.9	373.5	335.5	302.6	264.3	222.3	186.3	151.4
67.5°	639.1	595.4	547.7	495.3	449.0	404.0	357.9	311.5	264.5	217.9	178.5
65°	767.1	711.9	652.2	594.7	533.4	473.3	421.7	360.4	305.8	254.3	204.9
62.5°	907.8	835.7	770.8	698.5	626.7	555.9	483.3	414.3	347.6	290.0	234.3
60°	1067.1	988.1	897.1	816.1	729.5	642.6	556.4	466.4	393.7	324.6	264.4
57.5°	1242.5	1149.6	1052.2	945.1	843.5	740.7	629.4	526.0	438.1	362.3	293.3
55°	1425.8	1321.4	1211.3	1093.6	968.1	849.5	706.2	587.0	482.9	399.5	320.2
52.5°	1631.0	1506.2	1379.3	1246.5	1108.4	955.1	791.4	644.5	533.2	435.1	348.8
50°	1867.5	1711.4	1560.8	1408.2	1250.5	1066.1	871.0	713.2	580.5	471.1	376.0
47.5°	2137.2	1947.8	1761.1	1578.0	1403.6	1169.3	958.7	778.8	624.4	509.4	401.3
45°	2416.6	2207.9	1981.8	1770.0	1528.0	1273.7	1044.1	839.1	677.6	542.8	424.6
42.5°	2697.0	2471.1	2228.5	1963.7	1655.7	1372.7	1122.1	907.0	726.6	573.4	449.1
40°	3008.4	2733.5	2474.5	2143.5	1771.8	1462.7	1202.4	970.7	770.7	604.4	473.6
37.5°	3305.4	3001.5	2716.7	2280.8	1877.9	1554.7	1275.7	1027.6	811.0	637.8	495.8
35°	3582.7	3261.2	2838.7	2392.5	1983.3	1632.7	1340.6	1081.3	853.9	667.2	515.8
32.5°	3835.5	3427.6	2932.3	2479.6	2066.9	1696.3	1399.5	1129.1	890.5	692.6	533.5
30°	4007.9	3489.8	2996.6	2542.6	2129.2	1758.0	1447.5	1168.8	921.0	714.0	549.9
27.5°	4017.1	3518.8	3030.9	2581.8	2172.1	1803.2	1483.9	1200.3	945.4	733.9	566.9
25°	3985.6	3506.1	3036.0	2596.4	2194.8	1840.2	1511.8	1224.0	967.8	753.3	580.8
22.5°	3911.9	3460.9	3013.1	2586.6	2219.7	1865.8	1535.0	1244.2	985.8	767.9	591.6
20°	3818.9	3387.6	2974.6	2596.2	2232.2	1882.1	1552.3	1257.3	997.5	777.8	599.5
17.5°	3705.0	3329.4	2968.2	2594.4	2232.2	1887.0	1560.2	1263.3	1003.1	783.3	604.4
15°	3652.5	3306.6	2948.7	2580.6	2219.9	1880.6	1558.8	1262.5	1002.7	784.4	607.8
12.5°	3610.4	3270.7	2917.1	2554.7	2195.8	1863.6	1548.5	1255.0	996.7	784.4	610.3
10°	3557.1	3221.7	2873.4	2517.0	2160.3	1836.4	1529.7	1243.6	993.7	783.1	610.5
7.5°	3492.1	3159.8	2817.7	2467.7	2117.6	1806.0	1510.4	1230.9	987.4	778.5	608.4
5°	3416.8	3091.6	2757.8	2420.4	2085.0	1773.7	1484.9	1212.0	976.9	770.7	604.1
2.5°	3335.2	3021.0	2690.7	2363.1	2044.0	1733.6	1452.6	1187.5	962.4	760.0	597.8
0°	3240.7	2938.5	2612.3	2295.1	1994.4	1686.2	1413.9	1158.0	944.1	746.6	589.5
-2.5°	3157.6	2847.8	2527.9	2221.3	1922.1	1629.4	1371.8	1128.3	923.8	733.4	580.8
-5°	3061.0	2745.4	2433.5	2138.1	1842.3	1566.6	1324.6	1094.8	900.2	717.9	570.5
-7.5°	2919.1	2620.2	2326.1	2044.6	1755.9	1498.9	1272.9	1057.9	873.7	700.2	558.5
-10°	2759.3	2478.5	2204.3	1939.0	1672.0	1432.1	1218.5	1018.2	844.6	680.6	545.1
-12.5°	2590.3	2329.2	2075.9	1828.3	1585.5	1366.1	1166.3	979.1	813.6	659.2	530.4
-15°	2413.4	2173.5	1941.8	1713.7	1496.1	1296.9	1111.6	939.2	783.1	637.3	514.5
-17.5°	2233.3	2012.8	1802.9	1596.6	1404.9	1224.9	1055.0	897.3	750.9	615.4	498.6
-20°	2069.0	1862.7	1661.5	1478.2	1312.9	1150.8	997.1	853.7	717.3	592.3	482.4



REPORT NUMBER: P559010 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-927-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1905.1	1724.1	1542.4	1368.1	1222.7	1075.2	938.4	808.8	682.5	568.1	465.2
-25°	1741.9	1586.4	1426.2	1276.6	1135.2	1004.9	881.7	762.7	646.8	543.2	446.9
-27.5°	1588.2	1452.1	1309.5	1184.8	1058.8	935.8	827.1	719.1	612.3	517.5	427.6
-30°	1441.5	1323.8	1204.8	1095.1	983.2	875.5	772.3	675.5	580.7	492.6	407.4
-32.5°	1306.0	1197.2	1104.9	1011.8	913.7	815.7	721.5	632.2	549.1	467.9	388.6
-35°	1180.0	1089.1	1007.9	931.2	846.7	761.4	675.1	589.2	517.4	442.5	370.1
-37.5°	1060.1	993.2	923.7	855.5	780.0	708.2	631.2	553.8	485.9	416.3	351.1
-40°	961.5	904.4	846.3	783.8	720.8	656.1	587.3	520.2	455.2	389.6	331.8
-42.5°	867.5	823.2	773.1	714.3	665.8	608.0	544.1	486.0	425.5	365.6	312.3
-45°	783.9	746.3	703.7	659.5	613.1	560.3	505.9	451.6	395.8	343.0	293.4
-47.5°	705.2	677.2	642.5	605.6	562.8	514.5	467.4	418.7	366.1	320.4	275.3
-50°	638.8	614.6	586.8	553.3	513.5	472.6	429.5	386.0	341.1	298.1	256.8
-52.5°	581.2	558.1	533.2	502.4	468.4	430.6	394.6	353.9	315.6	276.5	238.0
-55°	527.1	504.5	481.7	455.4	424.8	393.2	360.0	325.4	289.8	255.0	219.2
-57.5°	476.0	454.1	434.4	410.7	385.1	357.6	327.7	296.6	265.1	233.2	202.4
-60°	427.0	409.0	389.6	370.2	347.9	322.8	296.1	268.2	240.5	211.6	185.5
-62.5°	381.8	365.6	349.6	332.0	311.5	288.9	264.7	241.0	215.6	192.2	168.3
-65°	339.4	326.1	310.8	294.1	275.5	255.7	235.3	213.7	193.2	172.6	151.0
-67.5°	299.0	286.6	271.9	256.4	241.6	225.0	206.0	188.6	171.3	152.8	134.0
-70°	259.4	247.5	235.1	223.4	210.0	194.9	179.7	164.5	149.1	133.8	116.8
-72.5°	221.3	211.9	202.0	191.3	179.8	167.3	153.9	140.7	128.5	114.7	99.5
-75°	184.3	177.0	169.4	160.7	150.6	139.8	129.4	118.8	107.8	95.6	84.2
-77.5°	148.7	143.0	136.9	130.7	123.0	114.7	105.9	96.8	87.9	79.0	69.5
-80°	115.1	111.5	107.4	102.6	96.3	89.6	83.2	76.7	69.9	62.6	54.7
-82.5°	83.9	81.5	78.6	75.3	71.0	66.5	61.9	57.2	51.8	46.0	40.4
-85°	55.5	53.5	51.3	48.7	46.1	43.4	40.8	37.9	34.3	30.7	27.0
-87.5°	27.5	26.4	25.3	24.0	22.9	21.7	20.4	19.0	17.2	15.4	13.5
-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: P559010 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-927-U-WAF-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°	10.8	9.1	7.4	5.6	3.8	1.9	0.0
85°	21.7	18.3	14.8	11.2	7.6	3.7	0.0
82.5°	32.5	27.4	22.2	16.8	11.3	5.6	0.0
80°	44.2	36.4	29.5	22.4	15.0	7.4	0.0
77.5°	62.7	47.5	36.8	27.9	18.7	9.2	0.0
75°	81.0	62.3	44.8	33.3	22.4	11.0	0.0
72.5°	99.0	76.9	56.0	38.8	26.0	12.8	0.0
70°	117.4	91.2	67.1	44.6	29.6	14.6	0.0
67.5°	139.8	105.2	78.0	52.5	33.1	16.3	0.0
65°	161.7	120.7	88.6	60.3	36.5	18.0	0.0
62.5°	182.8	137.7	99.0	67.8	39.9	19.6	0.0
60°	203.1	154.0	109.0	75.2	43.2	21.3	0.0
57.5°	226.1	169.8	121.1	82.3	47.8	22.8	0.0
55°	248.4	184.8	132.8	89.2	52.3	24.4	0.0
52.5°	269.5	199.6	143.9	95.8	56.6	25.9	0.0
50°	289.4	215.8	154.6	102.1	60.8	27.3	0.0
47.5°	308.3	231.0	164.6	108.5	64.9	28.7	0.0
45°	328.1	245.2	174.1	115.6	68.7	30.0	0.0
42.5°	346.4	258.3	183.0	122.3	72.4	31.3	0.0
40°	363.0	270.4	192.0	128.6	75.9	32.5	0.0
37.5°	378.0	281.4	201.0	134.6	79.3	33.6	0.0
35°	391.4	292.3	209.2	140.2	82.4	34.7	0.0
32.5°	404.2	302.6	216.6	145.5	85.3	35.7	0.0
30°	418.0	311.6	223.2	150.3	88.0	36.6	0.0
27.5°	429.9	319.4	229.5	154.7	90.5	37.5	0.0
25°	440.0	326.0	235.1	158.7	92.8	38.3	0.0
22.5°	448.2	331.7	239.9	162.3	94.9	39.0	0.0
20°	454.6	337.4	243.8	165.4	96.8	39.6	0.0
17.5°	460.3	342.0	247.1	168.1	98.4	40.2	0.0
15°	464.9	345.7	249.6	170.4	99.8	40.7	0.0
12.5°	467.8	348.4	251.3	172.3	100.9	41.1	0.0
10°	468.9	350.1	252.3	173.7	101.8	41.4	0.0
7.5°	468.4	350.8	252.7	174.7	102.5	41.6	0.0
5°	466.3	350.5	252.4	175.2	103.0	41.8	0.0
2.5°	462.8	349.3	251.4	175.4	103.2	41.9	0.0
0°	457.8	347.1	249.9	175.1	103.2	41.9	0.0
-2.5°	452.6	343.8	248.7	174.3	103.0	42.0	0.0
-5°	446.1	339.7	246.9	173.1	102.5	41.9	0.0
-7.5°	438.4	334.7	244.6	171.5	101.8	41.8	0.0
-10°	429.6	328.9	241.7	169.5	100.9	41.6	0.0
-12.5°	419.7	322.4	238.2	167.2	99.7	41.4	0.0
-15°	408.9	315.3	234.2	164.4	98.4	41.0	0.0
-17.5°	397.0	307.6	229.7	161.4	96.8	40.6	0.0
-20°	384.8	299.3	224.7	157.9	95.1	40.1	0.0



REPORT NUMBER: P559010 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-927-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	372.5	290.5	219.2	154.2	93.1	39.5	0.0
-25°	359.5	281.8	213.2	150.1	91.0	38.8	0.0
-27.5°	345.8	272.6	206.7	145.8	88.7	38.1	0.0
-30°	331.5	262.9	199.7	141.1	86.2	37.3	0.0
-32.5°	316.7	252.6	192.6	136.2	83.6	36.4	0.0
-35°	302.8	241.8	185.1	131.0	80.8	35.4	0.0
-37.5°	289.1	231.0	177.2	125.5	77.9	34.3	0.0
-40°	274.9	220.6	168.9	119.8	74.8	33.2	0.0
-42.5°	260.2	209.8	160.7	113.9	71.6	32.0	0.0
-45°	245.1	198.7	152.6	107.8	68.2	30.7	0.0
-47.5°	229.5	187.2	144.2	101.5	64.8	29.4	0.0
-50°	215.3	175.5	135.4	95.9	61.2	28.0	0.0
-52.5°	201.1	163.6	126.5	90.3	57.5	26.6	0.0
-55°	186.7	152.0	117.2	84.6	53.7	25.1	0.0
-57.5°	172.0	140.3	107.8	78.7	49.7	23.5	0.0
-60°	157.2	128.3	98.2	72.7	45.8	21.9	0.0
-62.5°	142.8	116.1	90.0	66.5	42.3	20.3	0.0
-65°	128.1	103.7	81.7	60.2	38.8	18.6	0.0
-67.5°	113.2	92.1	73.3	53.8	35.2	16.8	0.0
-70°	98.1	81.6	64.7	47.3	31.5	15.0	0.0
-72.5°	85.1	70.9	56.1	41.5	27.7	13.2	0.0
-75°	72.4	60.1	47.3	35.7	23.9	11.4	0.0
-77.5°	59.5	49.1	39.4	29.8	20.0	9.5	0.0
-80°	46.5	39.0	31.6	23.9	16.1	7.7	0.0
-82.5°	34.8	29.3	23.7	18.0	12.1	5.8	0.0
-85°	23.2	19.6	15.8	12.0	8.1	3.8	0.0
-87.5°	11.6	9.8	7.9	6.0	4.0	1.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)