

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: P558858 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-930-U-WAF-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558858 (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-SA3E-930-U-WAF-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (48) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

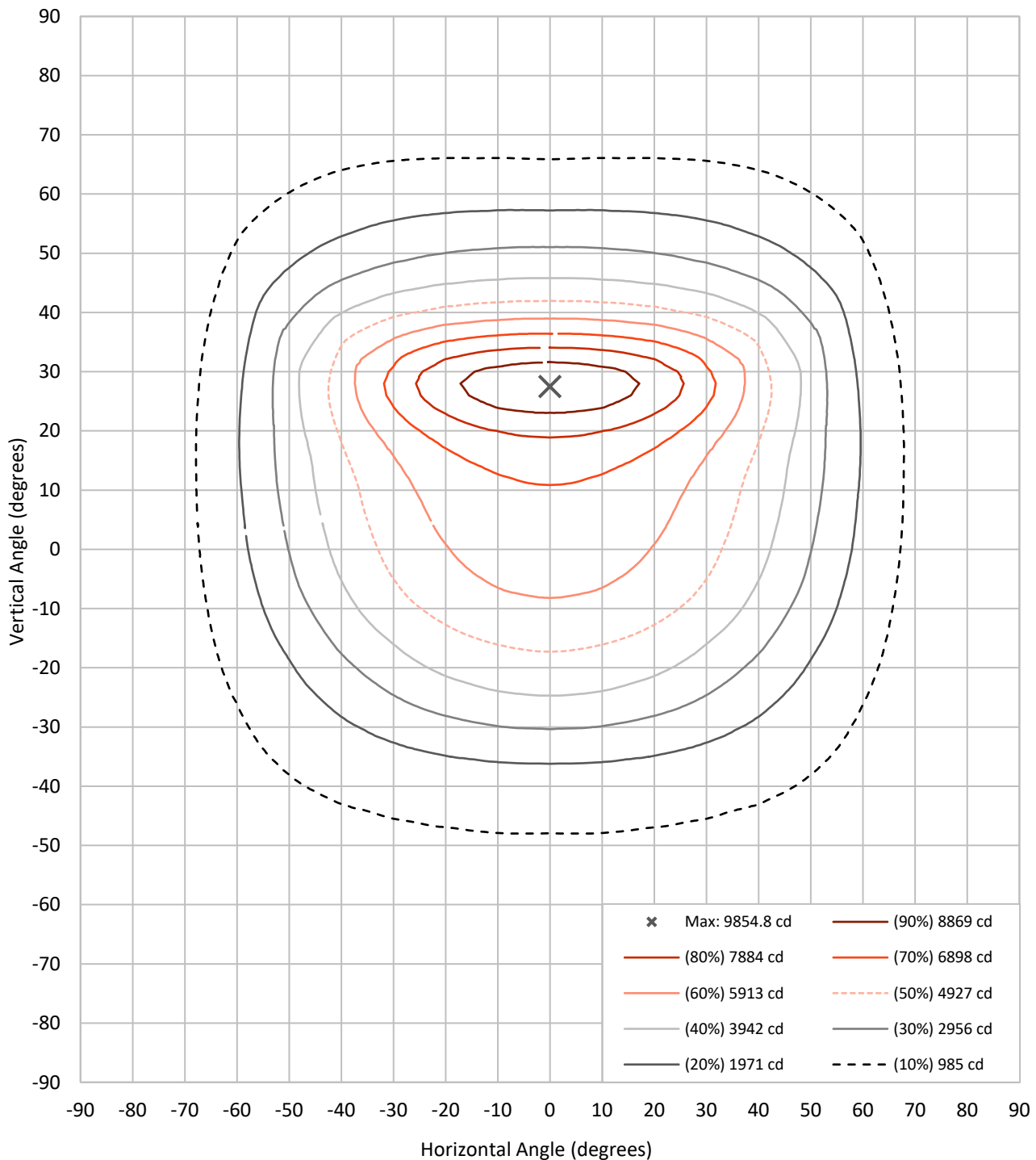
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	14366.6 lumens	Max Intensity:	9854.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	78.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	85°H x 59.2°V	Field Angle (10%):	134.5°H x 113.8°V
Beam Lumens:	7466.3 lumens	Field Lumens:	13290.3 lumens
Beam Efficiency:	52.0%	Field Efficiency:	92.5%
Input Watts (W):	182		
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		



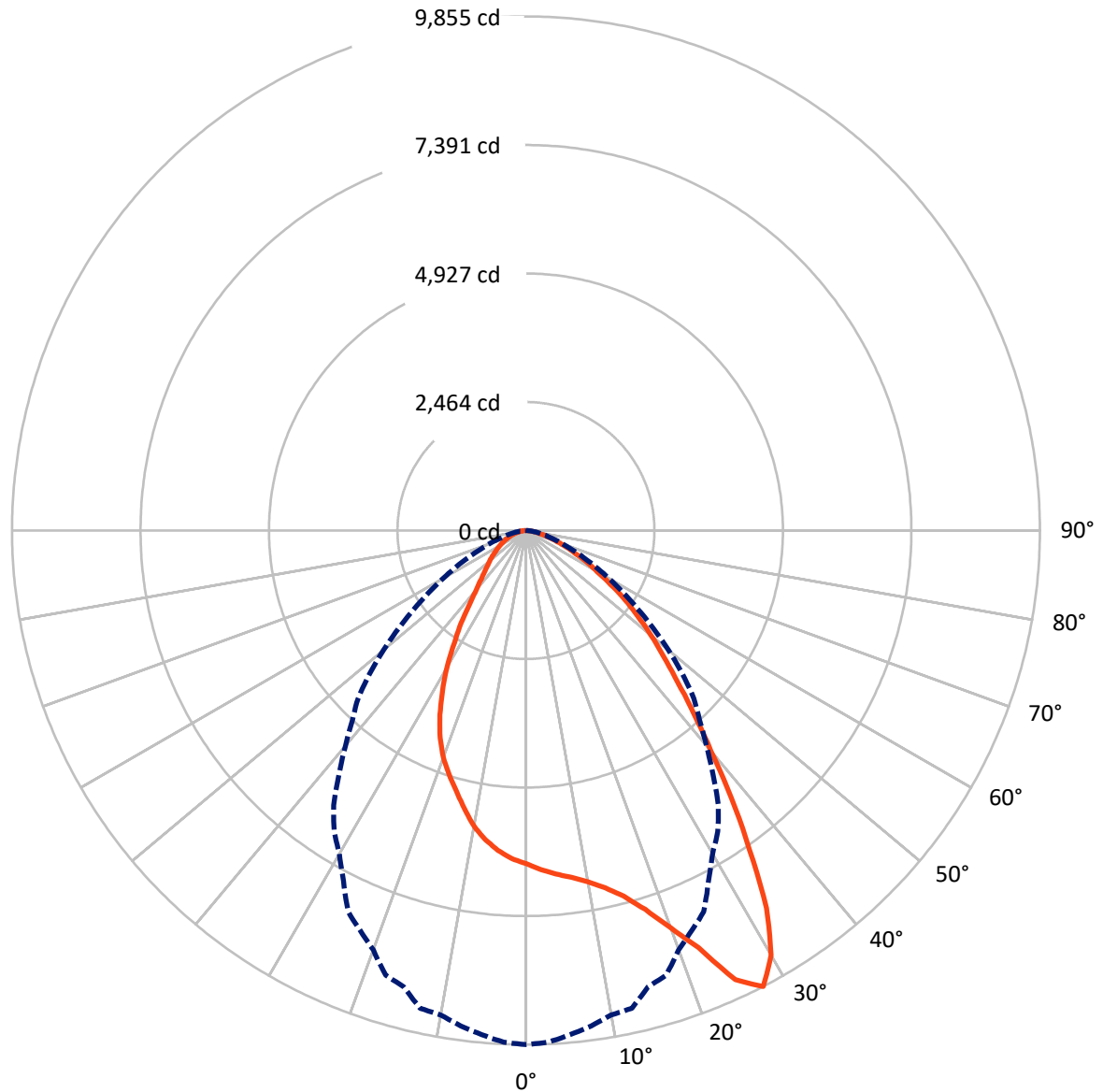
REPORT NUMBER: P558858 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3E-930-U-WAF-XX

Iso-Candela Plot



REPORT NUMBER: P558858 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3E-930-U-WAF-XX

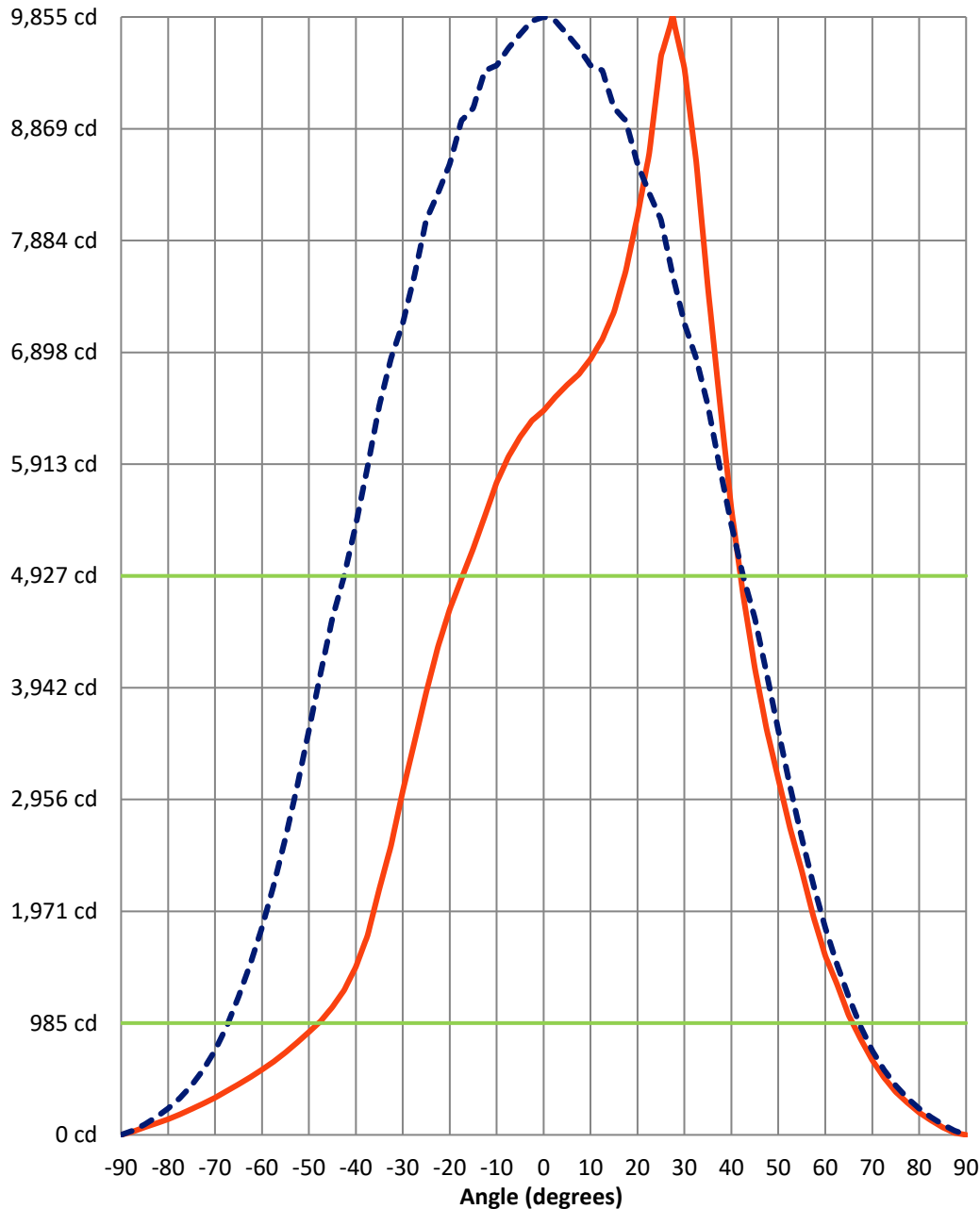
Luminous Intensity Polar Plot



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

REPORT NUMBER: P558858 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-U-WAF-XX

Luminous Intensity Plot



Beam:
 H Angle: 85°
 V Angle: 59.2°
 Lumens: 7466.3
 Efficiency: 52.0%

Field:
 H Angle: 134.5°
 V Angle: 113.8°
 Lumens: 13290.3
 Efficiency: 92.5%

Spill:
 Lumens: 1076.3
 Efficiency: 7.5%

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



REPORT NUMBER: P558858 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-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	5.7	7.5	9.3	11.0	12.6	14.2	15.8	17.3
85°	0.0	3.8	7.7	11.4	15.0	18.5	21.9	25.3	28.5	31.6	34.5
82.5°	0.0	5.6	11.5	17.0	22.4	27.7	32.8	37.8	43.5	53.1	63.0
80°	0.0	7.5	15.3	22.7	29.9	36.9	44.7	57.1	70.1	83.7	97.7
77.5°	0.0	9.3	19.0	28.3	37.3	48.1	63.5	79.6	96.5	114.0	134.4
75°	0.0	11.2	22.7	33.8	45.3	63.1	82.1	101.9	123.2	150.1	177.7
72.5°	0.0	13.0	26.4	39.3	56.8	77.9	100.3	125.4	156.3	187.9	220.3
70°	0.0	14.8	30.0	45.2	68.0	92.4	118.9	153.4	188.7	225.2	267.7
67.5°	0.0	16.5	33.5	53.2	79.0	106.6	141.7	180.8	220.7	268.0	315.6
65°	0.0	18.2	37.0	61.1	89.8	122.3	163.8	207.5	257.7	309.9	365.2
62.5°	0.0	19.9	40.4	68.7	100.3	139.5	185.1	237.3	293.8	352.2	419.8
60°	0.0	21.5	43.7	76.2	110.4	156.0	205.7	267.8	328.9	398.9	472.6
57.5°	0.0	23.1	48.4	83.4	122.6	172.0	229.0	297.2	367.1	443.8	533.0
55°	0.0	24.7	53.0	90.3	134.5	187.2	251.6	324.5	404.8	489.3	594.8
52.5°	0.0	26.2	57.4	97.0	145.8	202.2	273.1	353.4	440.9	540.3	653.0
50°	0.0	27.6	61.6	103.5	156.6	218.6	293.2	380.9	477.3	588.2	722.7
47.5°	0.0	29.0	65.7	109.9	166.8	234.0	312.4	406.5	516.1	632.7	789.1
45°	0.0	30.4	69.7	117.1	176.4	248.4	332.5	430.2	550.0	686.6	850.2
42.5°	0.0	31.7	73.4	123.9	185.4	261.7	350.9	455.0	581.0	736.3	919.0
40°	0.0	32.9	77.0	130.3	194.5	274.0	367.8	479.8	612.4	780.9	983.5
37.5°	0.0	34.0	80.3	136.4	203.6	285.1	383.0	502.4	646.2	821.8	1041.2
35°	0.0	35.1	83.5	142.1	212.0	296.2	396.5	522.6	676.0	865.2	1095.6
32.5°	0.0	36.1	86.5	147.4	219.5	306.6	409.5	540.5	701.8	902.3	1144.0
30°	0.0	37.1	89.2	152.3	226.2	315.7	423.5	557.2	723.5	933.2	1184.2
27.5°	0.0	37.9	91.8	156.8	232.6	323.6	435.5	574.4	743.7	957.8	1216.2
25°	0.0	38.7	94.1	160.8	238.2	330.2	445.7	588.5	763.3	980.5	1240.1
22.5°	0.0	39.5	96.2	164.4	243.0	336.0	454.1	599.5	778.1	998.8	1260.6
20°	0.0	40.1	98.1	167.6	247.1	341.8	460.5	607.4	788.1	1010.7	1273.8
17.5°	0.0	40.7	99.7	170.4	250.3	346.5	466.4	612.4	793.6	1016.3	1280.0
15°	0.0	41.2	101.1	172.7	252.9	350.2	471.1	615.8	794.7	1016.0	1279.1
12.5°	0.0	41.6	102.3	174.5	254.6	352.9	474.0	618.4	794.7	1009.9	1271.5
10°	0.0	41.9	103.2	176.0	255.7	354.7	475.1	618.6	793.4	1006.8	1259.9
7.5°	0.0	42.1	103.9	177.0	256.0	355.4	474.6	616.4	788.7	1000.4	1247.1
5°	0.0	42.3	104.4	177.5	255.7	355.1	472.5	612.1	780.8	989.8	1227.9
2.5°	0.0	42.4	104.6	177.7	254.8	353.9	468.9	605.7	770.0	975.1	1203.1
0°	0.0	42.4	104.6	177.4	253.2	351.7	463.9	597.3	756.4	956.5	1173.3
-2.5°	0.0	42.5	104.4	176.6	252.0	348.4	458.6	588.5	743.0	935.9	1143.2
-5°	0.0	42.4	103.9	175.4	250.2	344.1	452.0	578.0	727.3	912.0	1109.3
-7.5°	0.0	42.3	103.2	173.8	247.8	339.1	444.2	565.9	709.4	885.2	1071.9
-10°	0.0	42.1	102.2	171.8	244.8	333.2	435.3	552.3	689.5	855.8	1031.6
-12.5°	0.0	41.9	101.1	169.4	241.3	326.7	425.3	537.4	667.9	824.3	992.0
-15°	0.0	41.5	99.7	166.6	237.3	319.4	414.3	521.2	645.6	793.4	951.6
-17.5°	0.0	41.1	98.1	163.5	232.7	311.6	402.3	505.2	623.4	760.8	909.2
-20°	0.0	40.6	96.4	160.0	227.6	303.2	389.9	488.8	600.0	726.7	865.0



REPORT NUMBER: P558858 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-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	40.0	94.4	156.2	222.0	294.3	377.4	471.3	575.6	691.5	819.5
-25°	0.0	39.3	92.3	152.1	215.9	285.4	364.3	452.8	550.3	655.3	772.8
-27.5°	0.0	38.5	89.9	147.7	209.4	276.2	350.4	433.3	524.3	620.3	728.6
-30°	0.0	37.7	87.4	143.0	202.4	266.3	335.9	412.8	499.1	588.4	684.4
-32.5°	0.0	36.8	84.7	138.0	195.1	255.9	320.9	393.8	474.1	556.3	640.5
-35°	0.0	35.8	81.9	132.7	187.5	245.0	306.8	375.0	448.3	524.2	597.0
-37.5°	0.0	34.7	78.9	127.2	179.5	234.0	292.9	355.8	421.9	492.3	561.1
-40°	0.0	33.6	75.8	121.5	171.2	223.4	278.5	336.2	394.8	461.2	527.1
-42.5°	0.0	32.4	72.5	115.5	162.9	212.5	263.6	316.4	370.5	431.1	492.4
-45°	0.0	31.1	69.1	109.3	154.6	201.3	248.3	297.3	347.6	401.0	457.6
-47.5°	0.0	29.8	65.6	102.9	146.1	189.7	232.5	278.9	324.7	370.9	424.3
-50°	0.0	28.4	62.0	97.2	137.3	177.9	218.1	260.2	302.1	345.6	391.1
-52.5°	0.0	26.9	58.2	91.5	128.2	165.7	203.7	241.2	280.2	319.9	358.6
-55°	0.0	25.4	54.4	85.7	118.8	154.0	189.1	222.1	258.4	293.7	329.7
-57.5°	0.0	23.8	50.4	79.8	109.2	142.1	174.3	205.1	236.3	268.6	300.5
-60°	0.0	22.2	46.3	73.7	99.5	130.0	159.3	188.0	214.4	243.7	271.7
-62.5°	0.0	20.5	42.9	67.4	91.2	117.6	144.7	170.5	194.8	218.4	244.2
-65°	0.0	18.8	39.3	61.0	82.8	105.0	129.8	153.0	174.9	195.7	216.4
-67.5°	0.0	17.0	35.7	54.6	74.3	93.3	114.7	135.7	154.8	173.5	191.1
-70°	0.0	15.2	31.9	48.0	65.6	82.6	99.4	118.3	135.5	151.1	166.7
-72.5°	0.0	13.4	28.1	42.0	56.8	71.8	86.2	100.8	116.2	130.2	142.6
-75°	0.0	11.5	24.2	36.1	47.9	60.8	73.3	85.3	96.9	109.2	120.3
-77.5°	0.0	9.7	20.3	30.2	39.9	49.8	60.2	70.4	80.0	89.0	98.0
-80°	0.0	7.8	16.3	24.2	32.0	39.5	47.1	55.5	63.4	70.8	77.7
-82.5°	0.0	5.8	12.2	18.2	24.0	29.7	35.2	40.9	46.7	52.5	58.0
-85°	0.0	3.9	8.2	12.2	16.0	19.8	23.5	27.3	31.1	34.8	38.4
-87.5°	0.0	1.9	4.1	6.1	8.0	9.9	11.8	13.7	15.6	17.4	19.2
-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: P558858 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-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°	18.2	19.0	19.6	20.0	20.8	21.4	22.0	22.5	22.9	23.2	23.4
85°	36.4	37.9	42.4	46.7	51.2	55.2	58.8	62.0	64.5	66.6	68.3
82.5°	71.1	78.7	85.9	92.7	98.9	104.4	109.7	115.8	120.8	124.9	128.2
80°	109.1	119.5	132.1	143.9	154.5	164.3	173.2	181.2	187.5	193.7	199.8
77.5°	153.3	170.1	185.8	200.2	214.1	230.4	245.5	259.3	269.9	278.0	284.1
75°	200.9	220.8	243.6	266.2	287.4	307.0	325.9	349.1	367.9	382.0	393.3
72.5°	251.7	280.3	308.2	335.3	366.4	396.7	426.1	454.6	479.5	497.8	512.6
70°	306.6	339.8	378.4	417.3	454.8	492.8	533.4	570.2	600.8	622.4	642.9
67.5°	362.6	409.4	454.9	501.9	554.9	603.3	647.5	694.2	735.3	762.4	786.1
65°	427.3	479.5	540.4	602.6	660.9	721.3	777.2	827.8	879.7	917.5	948.5
62.5°	489.7	563.2	635.0	707.7	781.0	846.7	919.7	984.9	1037.1	1091.1	1137.3
60°	563.8	651.1	739.2	826.9	908.9	1001.2	1081.2	1156.9	1226.7	1286.9	1343.8
57.5°	637.7	750.5	854.7	957.6	1066.1	1164.7	1258.9	1343.7	1427.1	1496.8	1565.1
55°	715.5	860.7	980.9	1108.0	1227.3	1338.8	1444.6	1550.8	1639.7	1735.7	1819.3
52.5°	801.8	967.7	1123.0	1263.0	1397.5	1526.1	1652.5	1780.4	1905.3	2004.8	2099.2
50°	882.5	1080.2	1267.1	1426.8	1581.4	1734.0	1892.1	2051.9	2189.6	2303.4	2401.7
47.5°	971.4	1184.7	1422.2	1598.9	1784.3	1973.5	2165.4	2341.9	2491.9	2646.7	2755.2
45°	1057.9	1290.5	1548.2	1793.3	2007.9	2237.0	2448.4	2643.1	2860.4	3029.5	3174.5
42.5°	1136.9	1390.8	1677.5	1989.5	2257.8	2503.7	2732.5	3006.5	3256.1	3453.8	3634.7
40°	1218.2	1482.0	1795.1	2171.8	2507.1	2769.5	3048.1	3350.8	3675.8	3919.0	4135.3
37.5°	1292.6	1575.2	1902.7	2310.9	2752.5	3041.0	3349.0	3677.5	4048.0	4413.8	4673.8
35°	1358.3	1654.2	2009.5	2424.0	2876.1	3304.1	3629.9	3979.7	4385.1	4859.9	5214.9
32.5°	1418.0	1718.7	2094.1	2512.3	2970.9	3472.8	3886.1	4245.3	4652.0	5141.8	5744.7
30°	1466.6	1781.2	2157.2	2576.0	3036.0	3535.9	4060.8	4452.1	4838.0	5318.8	5879.9
27.5°	1503.5	1826.9	2200.6	2615.8	3070.9	3565.2	4070.0	4552.8	4926.4	5378.8	5889.0
25°	1531.7	1864.4	2223.7	2630.6	3076.0	3552.3	4038.1	4495.0	4914.4	5313.2	5771.1
22.5°	1555.2	1890.3	2248.9	2620.7	3052.8	3506.6	3963.5	4399.0	4805.0	5178.3	5572.3
20°	1572.8	1906.9	2261.6	2630.4	3013.9	3432.3	3869.2	4283.7	4675.9	5037.5	5358.0
17.5°	1580.7	1911.8	2261.6	2628.6	3007.3	3373.3	3753.8	4152.2	4537.7	4896.9	5213.7
15°	1579.3	1905.4	2249.2	2614.6	2987.6	3350.2	3700.7	4029.4	4388.4	4751.5	5067.1
12.5°	1568.8	1888.2	2224.7	2588.4	2955.6	3313.8	3658.0	3988.0	4309.9	4614.0	4915.8
10°	1549.8	1860.6	2188.8	2550.2	2911.3	3264.2	3604.0	3935.1	4253.7	4552.2	4833.2
7.5°	1530.2	1829.8	2145.5	2500.2	2854.8	3201.5	3538.2	3869.9	4182.3	4480.2	4763.9
5°	1504.4	1797.1	2112.5	2452.3	2794.1	3132.3	3461.9	3791.9	4096.0	4396.6	4681.5
2.5°	1471.7	1756.5	2070.9	2394.3	2726.1	3060.8	3379.2	3703.1	4014.9	4303.9	4584.5
0°	1432.5	1708.4	2020.7	2325.4	2646.7	2977.2	3283.4	3600.2	3924.6	4197.5	4471.9
-2.5°	1389.8	1650.8	1947.5	2250.6	2561.2	2885.3	3199.2	3499.6	3816.9	4092.7	4372.9
-5°	1342.0	1587.2	1866.6	2166.3	2465.7	2781.6	3101.4	3387.0	3690.0	3962.8	4238.4
-7.5°	1289.7	1518.6	1779.1	2071.6	2356.8	2654.8	2957.6	3232.4	3527.0	3796.8	4065.2
-10°	1234.5	1450.9	1694.0	1964.6	2233.5	2511.2	2795.7	3064.7	3348.0	3616.7	3875.0
-12.5°	1181.6	1384.1	1606.4	1852.4	2103.3	2359.9	2624.5	2884.2	3153.0	3422.9	3664.4
-15°	1126.2	1313.9	1515.8	1736.3	1967.4	2202.2	2445.2	2691.0	2943.2	3207.3	3430.4
-17.5°	1068.9	1241.0	1423.4	1617.7	1826.7	2039.4	2262.7	2500.0	2730.8	2971.4	3187.1
-20°	1010.2	1166.0	1330.2	1497.7	1683.3	1887.2	2096.2	2309.1	2518.9	2728.3	2931.0



REPORT NUMBER: P558858 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-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°	950.8	1089.3	1238.8	1386.1	1562.7	1746.8	1930.2	2115.0	2303.2	2483.5	2675.2
-25°	893.3	1018.2	1150.2	1293.4	1445.0	1607.2	1764.8	1921.1	2087.9	2257.0	2422.0
-27.5°	838.0	948.1	1072.7	1200.5	1326.8	1471.2	1609.0	1741.5	1887.1	2036.3	2169.5
-30°	782.5	887.1	996.2	1109.6	1220.7	1341.2	1460.4	1576.6	1695.2	1823.0	1938.4
-32.5°	731.0	826.5	925.8	1025.1	1119.5	1213.0	1323.2	1426.3	1523.4	1614.4	1715.2
-35°	684.0	771.5	857.8	943.5	1021.2	1103.4	1195.5	1282.5	1360.3	1433.4	1510.5
-37.5°	639.6	717.5	790.2	866.8	935.8	1006.3	1074.0	1149.3	1212.4	1270.8	1334.1
-40°	595.1	664.8	730.2	794.1	857.5	916.3	974.2	1025.3	1076.2	1132.3	1175.8
-42.5°	551.2	616.0	674.5	723.6	783.3	834.1	879.0	921.4	962.9	1006.7	1041.5
-45°	512.6	567.7	621.1	668.1	712.9	756.1	794.3	827.6	866.9	897.3	923.6
-47.5°	473.6	521.3	570.2	613.6	651.0	686.1	714.5	747.9	780.2	806.2	821.6
-50°	435.2	478.8	520.2	560.6	594.5	622.8	647.2	674.8	701.6	723.7	738.4
-52.5°	399.8	436.3	474.6	509.0	540.3	565.5	588.9	612.8	632.5	647.6	666.8
-55°	364.8	398.4	430.5	461.3	488.1	511.2	534.1	555.3	572.2	585.3	601.1
-57.5°	332.0	362.3	390.3	416.2	440.2	460.1	482.3	500.5	516.1	528.4	544.8
-60°	300.0	327.1	352.5	375.1	394.8	414.4	432.6	449.2	462.9	475.1	490.1
-62.5°	268.2	292.7	315.6	336.3	354.2	370.5	386.9	401.1	412.5	425.1	437.5
-65°	238.4	259.1	279.1	298.0	314.9	330.4	343.9	355.4	366.1	377.3	387.3
-67.5°	208.7	228.0	244.8	259.8	275.4	290.4	302.9	313.5	322.5	331.6	340.0
-70°	182.1	197.4	212.7	226.3	238.2	250.7	262.9	272.9	280.9	288.0	294.8
-72.5°	155.9	169.5	182.2	193.8	204.7	214.7	224.3	233.3	240.8	246.4	251.3
-75°	131.1	141.7	152.6	162.8	171.6	179.4	186.7	194.0	200.1	204.9	208.8
-77.5°	107.3	116.2	124.6	132.5	138.8	144.9	150.6	155.9	160.5	164.2	166.9
-80°	84.3	90.7	97.5	103.9	108.8	113.0	116.6	119.7	123.1	126.7	129.8
-82.5°	62.7	67.4	71.8	76.2	79.6	82.5	85.1	87.5	89.9	92.2	94.2
-85°	41.3	43.9	46.7	49.3	51.9	54.2	56.2	57.9	59.3	60.4	61.4
-87.5°	20.6	22.0	23.2	24.3	25.6	26.8	27.9	28.9	29.6	30.2	30.7
-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: P558858 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-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°	23.6	23.7	23.6	23.6	23.4	22.4	21.4	20.3	19.0	19.6	20.1
85°	69.5	69.8	69.5	68.9	67.7	67.7	67.4	67.0	66.3	67.3	68.2
82.5°	130.8	131.8	131.9	131.3	130.0	130.5	130.8	130.5	129.7	130.6	131.2
80°	204.4	206.3	206.4	205.0	202.3	202.6	202.8	202.3	200.9	201.3	201.2
77.5°	291.2	295.7	297.3	296.6	293.8	293.0	291.0	287.0	281.2	281.1	281.3
75°	401.9	406.5	408.9	408.7	406.0	404.3	401.7	397.2	390.7	390.4	390.5
72.5°	524.1	530.8	533.9	536.6	536.5	535.5	532.3	525.5	515.4	514.3	515.5
70°	659.0	670.3	677.5	683.0	687.4	688.3	686.2	680.7	672.0	669.7	668.9
67.5°	809.3	827.4	841.1	850.3	858.9	865.1	867.5	865.0	857.9	855.5	856.5
65°	977.7	1005.7	1028.8	1046.1	1057.8	1066.0	1073.1	1077.4	1078.5	1081.0	1084.3
62.5°	1174.4	1208.8	1241.0	1262.9	1274.2	1282.1	1305.3	1318.6	1322.4	1323.2	1328.3
60°	1394.1	1437.6	1477.7	1510.0	1536.0	1555.7	1575.4	1588.4	1593.2	1594.2	1601.2
57.5°	1634.4	1689.0	1736.0	1785.9	1820.7	1840.8	1867.1	1894.2	1908.3	1912.4	1929.0
55°	1900.2	1974.7	2035.6	2089.0	2137.6	2180.4	2216.5	2244.4	2265.0	2277.5	2299.5
52.5°	2194.0	2281.6	2345.3	2408.0	2477.7	2526.8	2558.9	2610.6	2648.0	2668.5	2694.8
50°	2516.7	2614.3	2701.1	2766.8	2847.9	2915.0	2964.0	3012.9	3047.1	3066.6	3092.1
47.5°	2884.0	3004.2	3104.9	3165.9	3260.0	3339.1	3371.0	3407.9	3472.3	3503.3	3530.5
45°	3297.6	3450.9	3562.9	3658.2	3739.1	3827.8	3885.9	3927.8	3991.3	4023.2	4043.3
42.5°	3789.7	3960.3	4107.7	4222.2	4290.2	4405.2	4489.2	4512.8	4602.7	4663.7	4681.6
40°	4341.7	4530.7	4725.2	4855.6	4965.2	5082.0	5220.4	5297.5	5373.6	5433.4	5446.9
37.5°	4916.8	5169.8	5391.8	5560.2	5741.3	5913.7	6060.4	6140.4	6190.3	6304.7	6347.4
35°	5501.5	5762.5	6073.5	6335.3	6554.7	6767.6	6935.0	7066.7	7192.2	7295.2	7356.9
32.5°	5999.4	6280.3	6664.3	7056.2	7293.1	7523.6	7798.5	7949.3	8116.8	8252.5	8351.6
30°	6408.5	6675.6	7025.2	7517.0	7841.4	8075.0	8423.0	8631.5	8813.9	9043.8	9123.9
27.5°	6427.8	6845.3	7154.5	7578.1	8064.9	8302.0	8559.5	8938.6	9053.5	9381.5	9428.7
25°	6259.1	6697.5	7015.2	7368.7	7773.5	8062.0	8297.1	8612.3	8777.3	8988.2	9150.1
22.5°	5995.3	6381.6	6705.6	7005.5	7321.3	7583.9	7798.9	8020.5	8201.6	8365.2	8517.2
20°	5703.8	6070.5	6377.9	6635.7	6886.0	7129.4	7322.8	7508.9	7665.5	7806.0	7892.5
17.5°	5498.6	5762.4	6076.4	6340.5	6557.5	6748.6	6948.6	7104.4	7241.8	7368.2	7447.3
15°	5358.5	5609.3	5832.9	6075.2	6303.9	6486.1	6636.7	6797.4	6916.2	7025.0	7110.6
12.5°	5213.0	5471.5	5705.4	5907.3	6086.3	6285.3	6446.2	6572.6	6697.2	6782.7	6870.7
10°	5091.5	5333.4	5576.0	5789.2	5977.5	6141.5	6293.9	6435.6	6547.5	6643.3	6712.7
7.5°	5021.0	5258.2	5476.3	5680.7	5864.3	6039.1	6196.3	6326.2	6437.0	6536.3	6608.8
5°	4939.2	5174.0	5391.7	5600.7	5777.1	5944.9	6101.5	6235.2	6349.9	6438.3	6507.8
2.5°	4845.5	5077.1	5294.3	5506.7	5683.0	5844.9	5993.0	6123.5	6242.9	6327.1	6386.3
0°	4738.7	4970.6	5182.8	5382.9	5560.3	5734.6	5871.0	6002.9	6119.6	6203.0	6262.1
-2.5°	4630.9	4861.5	5081.1	5272.8	5448.9	5609.9	5755.0	5879.6	5991.1	6074.1	6126.0
-5°	4487.7	4716.9	4933.6	5126.9	5310.7	5472.3	5613.5	5740.1	5847.6	5938.1	6008.5
-7.5°	4314.4	4546.1	4762.6	4959.9	5142.9	5295.6	5431.2	5558.7	5673.4	5772.3	5858.9
-10°	4123.7	4352.8	4557.5	4742.2	4912.8	5068.0	5212.3	5338.3	5443.4	5540.2	5613.1
-12.5°	3901.7	4113.8	4314.0	4496.1	4662.9	4818.3	4955.4	5075.5	5181.3	5267.1	5332.8
-15°	3656.7	3858.1	4047.7	4233.8	4408.4	4561.5	4682.1	4808.6	4900.3	4983.6	5042.8
-17.5°	3394.6	3589.3	3788.7	3975.3	4136.4	4287.5	4420.2	4535.9	4632.1	4708.5	4775.2
-20°	3128.9	3327.2	3519.1	3697.0	3851.9	3992.0	4126.4	4237.5	4336.1	4419.2	4497.5



REPORT NUMBER: P558858 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2862.1	3044.0	3224.1	3398.1	3544.7	3677.1	3794.8	3901.1	3988.0	4086.0	4155.2
-25°	2588.0	2747.4	2910.1	3063.8	3202.4	3332.4	3439.1	3532.3	3623.0	3717.6	3785.0
-27.5°	2312.6	2453.6	2585.7	2721.7	2843.1	2955.8	3054.8	3136.4	3224.4	3287.5	3361.7
-30°	2040.2	2168.1	2278.3	2373.0	2487.1	2583.8	2660.9	2741.9	2814.6	2874.9	2937.4
-32.5°	1809.6	1897.0	1985.1	2064.2	2140.1	2219.6	2281.7	2352.4	2402.3	2454.3	2504.7
-35°	1588.0	1655.3	1713.8	1787.8	1844.7	1888.0	1939.8	1991.6	2011.5	2068.1	2098.2
-37.5°	1387.3	1431.5	1486.0	1537.6	1579.8	1612.1	1658.2	1685.4	1699.7	1736.3	1755.9
-40°	1215.5	1243.4	1294.3	1329.5	1354.9	1378.4	1416.7	1434.3	1453.9	1472.1	1472.6
-42.5°	1064.3	1100.3	1134.8	1162.4	1178.5	1205.2	1223.3	1225.2	1250.6	1266.7	1269.3
-45°	940.8	977.2	1004.6	1024.9	1040.9	1063.9	1075.6	1082.0	1102.7	1113.7	1118.5
-47.5°	845.8	871.3	895.0	910.6	931.6	948.7	957.3	968.1	983.9	994.0	1001.2
-50°	762.3	782.5	800.5	814.9	835.9	851.0	859.2	872.5	884.3	891.6	897.3
-52.5°	688.9	707.0	719.4	733.4	750.8	764.2	774.6	787.8	797.7	804.1	809.1
-55°	620.2	637.2	649.3	664.5	676.9	686.0	694.8	707.7	717.4	723.9	728.2
-57.5°	559.5	572.3	584.2	598.0	609.8	619.6	627.5	634.7	641.0	646.4	650.6
-60°	502.7	513.1	524.0	534.9	543.8	550.9	559.3	565.8	569.9	572.4	575.9
-62.5°	448.1	457.5	467.1	475.8	483.0	488.9	495.7	501.1	504.9	507.6	509.6
-65°	396.2	404.2	412.5	419.7	425.8	431.0	435.8	439.6	442.2	444.5	446.3
-67.5°	347.7	354.0	359.8	364.8	369.4	373.8	378.0	380.9	382.4	384.3	386.1
-70°	300.8	305.8	309.6	312.6	315.3	318.8	322.9	325.8	327.4	329.2	330.9
-72.5°	255.5	259.2	262.3	264.8	266.3	268.5	271.3	273.6	275.4	276.7	277.4
-75°	211.9	214.9	217.7	219.6	220.7	222.3	223.7	224.5	224.6	225.2	225.6
-77.5°	169.2	172.2	174.8	176.6	177.7	179.0	180.1	180.6	180.7	180.8	180.4
-80°	132.1	134.2	135.8	137.1	138.0	138.8	139.4	139.5	139.2	139.5	139.6
-82.5°	96.0	97.8	99.3	100.4	101.2	102.1	102.8	103.3	103.6	103.7	103.6
-85°	62.1	63.0	63.7	64.5	65.1	65.5	65.8	65.8	65.6	65.7	65.6
-87.5°	31.0	30.7	30.2	29.6	28.8	29.0	29.2	29.3	29.3	29.6	29.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558858 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-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°	20.6	21.1	19.7	18.2	19.7	21.1	20.6	20.1	19.6	19.0	20.3
85°	68.9	69.3	68.1	66.7	68.1	69.3	68.9	68.2	67.3	66.3	67.0
82.5°	131.4	131.2	130.2	128.9	130.2	131.2	131.4	131.2	130.6	129.7	130.5
80°	200.5	199.1	198.4	197.1	198.4	199.1	200.5	201.2	201.3	200.9	202.3
77.5°	280.5	279.0	281.5	283.5	281.5	279.0	280.5	281.3	281.1	281.2	287.0
75°	389.0	386.0	383.1	379.0	383.1	386.0	389.0	390.5	390.4	390.7	397.2
72.5°	514.9	512.5	510.2	506.3	510.2	512.5	514.9	515.5	514.3	515.4	525.5
70°	664.9	657.9	659.0	659.4	659.0	657.9	664.9	668.9	669.7	672.0	680.7
67.5°	853.7	847.3	848.1	847.4	848.1	847.3	853.7	856.5	855.5	857.9	865.0
65°	1082.3	1075.1	1066.3	1053.5	1066.3	1075.1	1082.3	1084.3	1081.0	1078.5	1077.4
62.5°	1327.7	1321.3	1325.0	1327.9	1325.0	1321.3	1327.7	1328.3	1323.2	1322.4	1318.6
60°	1600.1	1591.2	1586.7	1579.6	1586.7	1591.2	1600.1	1601.2	1594.2	1593.2	1588.4
57.5°	1936.7	1935.0	1931.1	1920.6	1931.1	1935.0	1936.7	1929.0	1912.4	1908.3	1894.2
55°	2309.9	2307.7	2316.4	2326.9	2316.4	2307.7	2309.9	2299.5	2277.5	2265.0	2244.4
52.5°	2714.2	2721.0	2718.6	2704.3	2718.6	2721.0	2714.2	2694.8	2668.5	2648.0	2610.6
50°	3114.5	3122.2	3130.4	3137.9	3130.4	3122.2	3114.5	3092.1	3066.6	3047.1	3012.9
47.5°	3568.2	3588.4	3591.9	3577.5	3591.9	3588.4	3568.2	3530.5	3503.3	3472.3	3407.9
45°	4083.5	4095.7	4101.9	4114.1	4101.9	4095.7	4083.5	4043.3	4023.2	3991.3	3927.8
42.5°	4733.3	4747.5	4749.7	4762.9	4749.7	4747.5	4733.3	4681.6	4663.7	4602.7	4512.8
40°	5504.6	5527.5	5523.5	5517.8	5523.5	5527.5	5504.6	5446.9	5433.4	5373.6	5297.5
37.5°	6407.5	6446.3	6450.4	6474.4	6450.4	6446.3	6407.5	6347.4	6304.7	6190.3	6140.4
35°	7420.8	7466.5	7458.5	7470.3	7458.5	7466.5	7420.8	7356.9	7295.2	7192.2	7066.7
32.5°	8442.8	8511.4	8525.2	8583.0	8525.2	8511.4	8442.8	8351.6	8252.5	8116.8	7949.3
30°	9245.9	9342.0	9404.7	9400.0	9404.7	9342.0	9245.9	9123.9	9043.8	8813.9	8631.5
27.5°	9578.6	9703.1	9819.7	9854.8	9819.7	9703.1	9578.6	9428.7	9381.5	9053.5	8938.6
25°	9254.0	9345.0	9447.9	9503.1	9447.9	9345.0	9254.0	9150.1	8988.2	8777.3	8612.3
22.5°	8587.1	8646.2	8681.3	8652.7	8681.3	8646.2	8587.1	8517.2	8365.2	8201.6	8020.5
20°	7981.9	8056.8	8070.7	8100.9	8070.7	8056.8	7981.9	7892.5	7806.0	7665.5	7508.9
17.5°	7531.5	7580.5	7609.3	7615.8	7609.3	7580.5	7531.5	7447.3	7368.2	7241.8	7104.4
15°	7178.5	7217.8	7243.6	7255.0	7243.6	7217.8	7178.5	7110.6	7025.0	6916.2	6797.4
12.5°	6928.4	6976.3	6999.8	7014.0	6999.8	6976.3	6928.4	6870.7	6782.7	6697.2	6572.6
10°	6768.0	6814.2	6832.8	6839.7	6832.8	6814.2	6768.0	6712.7	6643.3	6547.5	6435.6
7.5°	6652.7	6682.4	6695.0	6704.8	6695.0	6682.4	6652.7	6608.8	6536.3	6437.0	6326.2
5°	6559.8	6583.4	6596.7	6610.8	6596.7	6583.4	6559.8	6507.8	6438.3	6349.9	6235.2
2.5°	6433.3	6467.1	6490.5	6504.7	6490.5	6467.1	6433.3	6386.3	6327.1	6242.9	6123.5
0°	6309.1	6341.0	6357.6	6384.9	6357.6	6341.0	6309.1	6262.1	6203.0	6119.6	6002.9
-2.5°	6172.5	6209.4	6253.2	6295.5	6253.2	6209.4	6172.5	6126.0	6074.1	5991.1	5879.6
-5°	6068.1	6116.7	6125.9	6153.0	6125.9	6116.7	6068.1	6008.5	5938.1	5847.6	5740.1
-7.5°	5910.4	5932.7	5970.4	5977.2	5970.4	5932.7	5910.4	5858.9	5772.3	5673.4	5558.7
-10°	5667.6	5703.7	5727.3	5751.3	5727.3	5703.7	5667.6	5613.1	5540.2	5443.4	5338.3
-12.5°	5382.2	5424.6	5462.5	5457.2	5462.5	5424.6	5382.2	5332.8	5267.1	5181.3	5075.5
-15°	5104.2	5145.2	5171.2	5167.7	5171.2	5145.2	5104.2	5042.8	4983.6	4900.3	4808.6
-17.5°	4828.2	4865.6	4903.3	4902.4	4903.3	4865.6	4828.2	4775.2	4708.5	4632.1	4535.9
-20°	4543.2	4575.2	4615.6	4632.6	4615.6	4575.2	4543.2	4497.5	4419.2	4336.1	4237.5



REPORT NUMBER: P558858 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-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°	4213.8	4254.7	4284.0	4302.1	4284.0	4254.7	4213.8	4155.2	4086.0	3988.0	3901.1
-25°	3829.7	3871.8	3894.1	3901.9	3894.1	3871.8	3829.7	3785.0	3717.6	3623.0	3532.3
-27.5°	3405.4	3452.5	3475.4	3463.8	3475.4	3452.5	3405.4	3361.7	3287.5	3224.4	3136.4
-30°	2970.2	3000.5	3004.0	3030.3	3004.0	3000.5	2970.2	2937.4	2874.9	2814.6	2741.9
-32.5°	2540.9	2561.2	2549.7	2551.2	2549.7	2561.2	2540.9	2504.7	2454.3	2402.3	2352.4
-35°	2116.9	2133.1	2136.4	2166.2	2136.4	2133.1	2116.9	2098.2	2068.1	2011.5	1991.6
-37.5°	1776.1	1782.6	1772.7	1758.4	1772.7	1782.6	1776.1	1755.9	1736.3	1699.7	1685.4
-40°	1487.1	1492.1	1488.4	1481.0	1488.4	1492.1	1487.1	1472.6	1472.1	1453.9	1434.3
-42.5°	1279.1	1279.2	1275.8	1274.9	1275.8	1279.2	1279.1	1269.3	1266.7	1250.6	1225.2
-45°	1125.5	1127.2	1126.9	1126.3	1126.9	1127.2	1125.5	1118.5	1113.7	1102.7	1082.0
-47.5°	1006.3	1006.7	1005.1	1002.0	1005.1	1006.7	1006.3	1001.2	994.0	983.9	968.1
-50°	900.8	900.8	902.9	906.5	902.9	900.8	900.8	897.3	891.6	884.3	872.5
-52.5°	811.7	811.5	812.6	814.0	812.6	811.5	811.7	809.1	804.1	797.7	787.8
-55°	730.2	729.7	728.6	726.1	728.6	729.7	730.2	728.2	723.9	717.4	707.7
-57.5°	652.1	651.2	649.2	645.8	649.2	651.2	652.1	650.6	646.4	641.0	634.7
-60°	577.8	578.1	577.2	574.5	577.2	578.1	577.8	575.9	572.4	569.9	565.8
-62.5°	510.1	509.1	508.8	507.8	508.8	509.1	510.1	509.6	507.6	504.9	501.1
-65°	446.6	445.6	445.9	445.7	445.9	445.6	446.6	446.3	444.5	442.2	439.6
-67.5°	386.9	386.6	386.9	386.6	386.9	386.6	386.9	386.1	384.3	382.4	380.9
-70°	331.8	332.0	330.2	327.4	330.2	332.0	331.8	330.9	329.2	327.4	325.8
-72.5°	277.2	276.2	276.3	275.9	276.3	276.2	277.2	277.4	276.7	275.4	273.6
-75°	225.5	224.9	226.3	227.4	226.3	224.9	225.5	225.6	225.2	224.6	224.5
-77.5°	179.6	178.2	179.4	180.4	179.4	178.2	179.6	180.4	180.8	180.7	180.6
-80°	139.4	139.0	138.6	137.9	138.6	139.0	139.4	139.6	139.5	139.2	139.5
-82.5°	103.3	102.7	102.3	101.6	102.3	102.7	103.3	103.6	103.7	103.6	103.3
-85°	65.3	64.9	65.9	66.7	65.9	64.9	65.3	65.6	65.7	65.6	65.8
-87.5°	30.0	30.2	29.5	28.8	29.5	30.2	30.0	29.8	29.6	29.3	29.3
-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: P558858 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-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°	21.4	22.4	23.4	23.6	23.6	23.7	23.6	23.4	23.2	22.9	22.5
85°	67.4	67.7	67.7	68.9	69.5	69.8	69.5	68.3	66.6	64.5	62.0
82.5°	130.8	130.5	130.0	131.3	131.9	131.8	130.8	128.2	124.9	120.8	115.8
80°	202.8	202.6	202.3	205.0	206.4	206.3	204.4	199.8	193.7	187.5	181.2
77.5°	291.0	293.0	293.8	296.6	297.3	295.7	291.2	284.1	278.0	269.9	259.3
75°	401.7	404.3	406.0	408.7	408.9	406.5	401.9	393.3	382.0	367.9	349.1
72.5°	532.3	535.5	536.5	536.6	533.9	530.8	524.1	512.6	497.8	479.5	454.6
70°	686.2	688.3	687.4	683.0	677.5	670.3	659.0	642.9	622.4	600.8	570.2
67.5°	867.5	865.1	858.9	850.3	841.1	827.4	809.3	786.1	762.4	735.3	694.2
65°	1073.1	1066.0	1057.8	1046.1	1028.8	1005.7	977.7	948.5	917.5	879.7	827.8
62.5°	1305.3	1282.1	1274.2	1262.9	1241.0	1208.8	1174.4	1137.3	1091.1	1037.1	984.9
60°	1575.4	1555.7	1536.0	1510.0	1477.7	1437.6	1394.1	1343.8	1286.9	1226.7	1156.9
57.5°	1867.1	1840.8	1820.7	1785.9	1736.0	1689.0	1634.4	1565.1	1496.8	1427.1	1343.7
55°	2216.5	2180.4	2137.6	2089.0	2035.6	1974.7	1900.2	1819.3	1735.7	1639.7	1550.8
52.5°	2558.9	2526.8	2477.7	2408.0	2345.3	2281.6	2194.0	2099.2	2004.8	1905.3	1780.4
50°	2964.0	2915.0	2847.9	2766.8	2701.1	2614.3	2516.7	2401.7	2303.4	2189.6	2051.9
47.5°	3371.0	3339.1	3260.0	3165.9	3104.9	3004.2	2884.0	2755.2	2646.7	2491.9	2341.9
45°	3885.9	3827.8	3739.1	3658.2	3562.9	3450.9	3297.6	3174.5	3029.5	2860.4	2643.1
42.5°	4489.2	4405.2	4290.2	4222.2	4107.7	3960.3	3789.7	3634.7	3453.8	3256.1	3006.5
40°	5220.4	5082.0	4965.2	4855.6	4725.2	4530.7	4341.7	4135.3	3919.0	3675.8	3350.8
37.5°	6060.4	5913.7	5741.3	5560.2	5391.8	5169.8	4916.8	4673.8	4413.8	4048.0	3677.5
35°	6935.0	6767.6	6554.7	6335.3	6073.5	5762.5	5501.5	5214.9	4859.9	4385.1	3979.7
32.5°	7798.5	7523.6	7293.1	7056.2	6664.3	6280.3	5999.4	5744.7	5141.8	4652.0	4245.3
30°	8423.0	8075.0	7841.4	7517.0	7025.2	6675.6	6408.5	5879.9	5318.8	4838.0	4452.1
27.5°	8559.5	8302.0	8064.9	7578.1	7154.5	6845.3	6427.8	5889.0	5378.8	4926.4	4552.8
25°	8297.1	8062.0	7773.5	7368.7	7015.2	6697.5	6259.1	5771.1	5313.2	4914.4	4495.0
22.5°	7798.9	7583.9	7321.3	7005.5	6705.6	6381.6	5995.3	5572.3	5178.3	4805.0	4399.0
20°	7322.8	7129.4	6886.0	6635.7	6377.9	6070.5	5703.8	5358.0	5037.5	4675.9	4283.7
17.5°	6948.6	6748.6	6557.5	6340.5	6076.4	5762.4	5498.6	5213.7	4896.9	4537.7	4152.2
15°	6636.7	6486.1	6303.9	6075.2	5832.9	5609.3	5358.5	5067.1	4751.5	4388.4	4029.4
12.5°	6446.2	6285.3	6086.3	5907.3	5705.4	5471.5	5213.0	4915.8	4614.0	4309.9	3988.0
10°	6293.9	6141.5	5977.5	5789.2	5576.0	5333.4	5091.5	4833.2	4552.2	4253.7	3935.1
7.5°	6196.3	6039.1	5864.3	5680.7	5476.3	5258.2	5021.0	4763.9	4480.2	4182.3	3869.9
5°	6101.5	5944.9	5777.1	5600.7	5391.7	5174.0	4939.2	4681.5	4396.6	4096.0	3791.9
2.5°	5993.0	5844.9	5683.0	5506.7	5294.3	5077.1	4845.5	4584.5	4303.9	4014.9	3703.1
0°	5871.0	5734.6	5560.3	5382.9	5182.8	4970.6	4738.7	4471.9	4197.5	3924.6	3600.2
-2.5°	5755.0	5609.9	5448.9	5272.8	5081.1	4861.5	4630.9	4372.9	4092.7	3816.9	3499.6
-5°	5613.5	5472.3	5310.7	5126.9	4933.6	4716.9	4487.7	4238.4	3962.8	3690.0	3387.0
-7.5°	5431.2	5295.6	5142.9	4959.9	4762.6	4546.1	4314.4	4065.2	3796.8	3527.0	3232.4
-10°	5212.3	5068.0	4912.8	4742.2	4557.5	4352.8	4123.7	3875.0	3616.7	3348.0	3064.7
-12.5°	4955.4	4818.3	4662.9	4496.1	4314.0	4113.8	3901.7	3664.4	3422.9	3153.0	2884.2
-15°	4682.1	4561.5	4408.4	4233.8	4047.7	3858.1	3656.7	3430.4	3207.3	2943.2	2691.0
-17.5°	4420.2	4287.5	4136.4	3975.3	3788.7	3589.3	3394.6	3187.1	2971.4	2730.8	2500.0
-20°	4126.4	3992.0	3851.9	3697.0	3519.1	3327.2	3128.9	2931.0	2728.3	2518.9	2309.1



REPORT NUMBER: P558858 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3794.8	3677.1	3544.7	3398.1	3224.1	3044.0	2862.1	2675.2	2483.5	2303.2	2115.0
-25°	3439.1	3332.4	3202.4	3063.8	2910.1	2747.4	2588.0	2422.0	2257.0	2087.9	1921.1
-27.5°	3054.8	2955.8	2843.1	2721.7	2585.7	2453.6	2312.6	2169.5	2036.3	1887.1	1741.5
-30°	2660.9	2583.8	2487.1	2373.0	2278.3	2168.1	2040.2	1938.4	1823.0	1695.2	1576.6
-32.5°	2281.7	2219.6	2140.1	2064.2	1985.1	1897.0	1809.6	1715.2	1614.4	1523.4	1426.3
-35°	1939.8	1888.0	1844.7	1787.8	1713.8	1655.3	1588.0	1510.5	1433.4	1360.3	1282.5
-37.5°	1658.2	1612.1	1579.8	1537.6	1486.0	1431.5	1387.3	1334.1	1270.8	1212.4	1149.3
-40°	1416.7	1378.4	1354.9	1329.5	1294.3	1243.4	1215.5	1175.8	1132.3	1076.2	1025.3
-42.5°	1223.3	1205.2	1178.5	1162.4	1134.8	1100.3	1064.3	1041.5	1006.7	962.9	921.4
-45°	1075.6	1063.9	1040.9	1024.9	1004.6	977.2	940.8	923.6	897.3	866.9	827.6
-47.5°	957.3	948.7	931.6	910.6	895.0	871.3	845.8	821.6	806.2	780.2	747.9
-50°	859.2	851.0	835.9	814.9	800.5	782.5	762.3	738.4	723.7	701.6	674.8
-52.5°	774.6	764.2	750.8	733.4	719.4	707.0	688.9	666.8	647.6	632.5	612.8
-55°	694.8	686.0	676.9	664.5	649.3	637.2	620.2	601.1	585.3	572.2	555.3
-57.5°	627.5	619.6	609.8	598.0	584.2	572.3	559.5	544.8	528.4	516.1	500.5
-60°	559.3	550.9	543.8	534.9	524.0	513.1	502.7	490.1	475.1	462.9	449.2
-62.5°	495.7	488.9	483.0	475.8	467.1	457.5	448.1	437.5	425.1	412.5	401.1
-65°	435.8	431.0	425.8	419.7	412.5	404.2	396.2	387.3	377.3	366.1	355.4
-67.5°	378.0	373.8	369.4	364.8	359.8	354.0	347.7	340.0	331.6	322.5	313.5
-70°	322.9	318.8	315.3	312.6	309.6	305.8	300.8	294.8	288.0	280.9	272.9
-72.5°	271.3	268.5	266.3	264.8	262.3	259.2	255.5	251.3	246.4	240.8	233.3
-75°	223.7	222.3	220.7	219.6	217.7	214.9	211.9	208.8	204.9	200.1	194.0
-77.5°	180.1	179.0	177.7	176.6	174.8	172.2	169.2	166.9	164.2	160.5	155.9
-80°	139.4	138.8	138.0	137.1	135.8	134.2	132.1	129.8	126.7	123.1	119.7
-82.5°	102.8	102.1	101.2	100.4	99.3	97.8	96.0	94.2	92.2	89.9	87.5
-85°	65.8	65.5	65.1	64.5	63.7	63.0	62.1	61.4	60.4	59.3	57.9
-87.5°	29.2	29.0	28.8	29.6	30.2	30.7	31.0	30.7	30.2	29.6	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: P558858 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-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°	22.0	21.4	20.8	20.0	19.6	19.0	18.2	17.3	15.8	14.2	12.6
85°	58.8	55.2	51.2	46.7	42.4	37.9	36.4	34.5	31.6	28.5	25.3
82.5°	109.7	104.4	98.9	92.7	85.9	78.7	71.1	63.0	53.1	43.5	37.8
80°	173.2	164.3	154.5	143.9	132.1	119.5	109.1	97.7	83.7	70.1	57.1
77.5°	245.5	230.4	214.1	200.2	185.8	170.1	153.3	134.4	114.0	96.5	79.6
75°	325.9	307.0	287.4	266.2	243.6	220.8	200.9	177.7	150.1	123.2	101.9
72.5°	426.1	396.7	366.4	335.3	308.2	280.3	251.7	220.3	187.9	156.3	125.4
70°	533.4	492.8	454.8	417.3	378.4	339.8	306.6	267.7	225.2	188.7	153.4
67.5°	647.5	603.3	554.9	501.9	454.9	409.4	362.6	315.6	268.0	220.7	180.8
65°	777.2	721.3	660.9	602.6	540.4	479.5	427.3	365.2	309.9	257.7	207.5
62.5°	919.7	846.7	781.0	707.7	635.0	563.2	489.7	419.8	352.2	293.8	237.3
60°	1081.2	1001.2	908.9	826.9	739.2	651.1	563.8	472.6	398.9	328.9	267.8
57.5°	1258.9	1164.7	1066.1	957.6	854.7	750.5	637.7	533.0	443.8	367.1	297.2
55°	1444.6	1338.8	1227.3	1108.0	980.9	860.7	715.5	594.8	489.3	404.8	324.5
52.5°	1652.5	1526.1	1397.5	1263.0	1123.0	967.7	801.8	653.0	540.3	440.9	353.4
50°	1892.1	1734.0	1581.4	1426.8	1267.1	1080.2	882.5	722.7	588.2	477.3	380.9
47.5°	2165.4	1973.5	1784.3	1598.9	1422.2	1184.7	971.4	789.1	632.7	516.1	406.5
45°	2448.4	2237.0	2007.9	1793.3	1548.2	1290.5	1057.9	850.2	686.6	550.0	430.2
42.5°	2732.5	2503.7	2257.8	1989.5	1677.5	1390.8	1136.9	919.0	736.3	581.0	455.0
40°	3048.1	2769.5	2507.1	2171.8	1795.1	1482.0	1218.2	983.5	780.9	612.4	479.8
37.5°	3349.0	3041.0	2752.5	2310.9	1902.7	1575.2	1292.6	1041.2	821.8	646.2	502.4
35°	3629.9	3304.1	2876.1	2424.0	2009.5	1654.2	1358.3	1095.6	865.2	676.0	522.6
32.5°	3886.1	3472.8	2970.9	2512.3	2094.1	1718.7	1418.0	1144.0	902.3	701.8	540.5
30°	4060.8	3535.9	3036.0	2576.0	2157.2	1781.2	1466.6	1184.2	933.2	723.5	557.2
27.5°	4070.0	3565.2	3070.9	2615.8	2200.6	1826.9	1503.5	1216.2	957.8	743.7	574.4
25°	4038.1	3552.3	3076.0	2630.6	2223.7	1864.4	1531.7	1240.1	980.5	763.3	588.5
22.5°	3963.5	3506.6	3052.8	2620.7	2248.9	1890.3	1555.2	1260.6	998.8	778.1	599.5
20°	3869.2	3432.3	3013.9	2630.4	2261.6	1906.9	1572.8	1273.8	1010.7	788.1	607.4
17.5°	3753.8	3373.3	3007.3	2628.6	2261.6	1911.8	1580.7	1280.0	1016.3	793.6	612.4
15°	3700.7	3350.2	2987.6	2614.6	2249.2	1905.4	1579.3	1279.1	1016.0	794.7	615.8
12.5°	3658.0	3313.8	2955.6	2588.4	2224.7	1888.2	1568.8	1271.5	1009.9	794.7	618.4
10°	3604.0	3264.2	2911.3	2550.2	2188.8	1860.6	1549.8	1259.9	1006.8	793.4	618.6
7.5°	3538.2	3201.5	2854.8	2500.2	2145.5	1829.8	1530.2	1247.1	1000.4	788.7	616.4
5°	3461.9	3132.3	2794.1	2452.3	2112.5	1797.1	1504.4	1227.9	989.8	780.8	612.1
2.5°	3379.2	3060.8	2726.1	2394.3	2070.9	1756.5	1471.7	1203.1	975.1	770.0	605.7
0°	3283.4	2977.2	2646.7	2325.4	2020.7	1708.4	1432.5	1173.3	956.5	756.4	597.3
-2.5°	3199.2	2885.3	2561.2	2250.6	1947.5	1650.8	1389.8	1143.2	935.9	743.0	588.5
-5°	3101.4	2781.6	2465.7	2166.3	1866.6	1587.2	1342.0	1109.3	912.0	727.3	578.0
-7.5°	2957.6	2654.8	2356.8	2071.6	1779.1	1518.6	1289.7	1071.9	885.2	709.4	565.9
-10°	2795.7	2511.2	2233.5	1964.6	1694.0	1450.9	1234.5	1031.6	855.8	689.5	552.3
-12.5°	2624.5	2359.9	2103.3	1852.4	1606.4	1384.1	1181.6	992.0	824.3	667.9	537.4
-15°	2445.2	2202.2	1967.4	1736.3	1515.8	1313.9	1126.2	951.6	793.4	645.6	521.2
-17.5°	2262.7	2039.4	1826.7	1617.7	1423.4	1241.0	1068.9	909.2	760.8	623.4	505.2
-20°	2096.2	1887.2	1683.3	1497.7	1330.2	1166.0	1010.2	865.0	726.7	600.0	488.8



REPORT NUMBER: P558858 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-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°	1930.2	1746.8	1562.7	1386.1	1238.8	1089.3	950.8	819.5	691.5	575.6	471.3
-25°	1764.8	1607.2	1445.0	1293.4	1150.2	1018.2	893.3	772.8	655.3	550.3	452.8
-27.5°	1609.0	1471.2	1326.8	1200.5	1072.7	948.1	838.0	728.6	620.3	524.3	433.3
-30°	1460.4	1341.2	1220.7	1109.6	996.2	887.1	782.5	684.4	588.4	499.1	412.8
-32.5°	1323.2	1213.0	1119.5	1025.1	925.8	826.5	731.0	640.5	556.3	474.1	393.8
-35°	1195.5	1103.4	1021.2	943.5	857.8	771.5	684.0	597.0	524.2	448.3	375.0
-37.5°	1074.0	1006.3	935.8	866.8	790.2	717.5	639.6	561.1	492.3	421.9	355.8
-40°	974.2	916.3	857.5	794.1	730.2	664.8	595.1	527.1	461.2	394.8	336.2
-42.5°	879.0	834.1	783.3	723.6	674.5	616.0	551.2	492.4	431.1	370.5	316.4
-45°	794.3	756.1	712.9	668.1	621.1	567.7	512.6	457.6	401.0	347.6	297.3
-47.5°	714.5	686.1	651.0	613.6	570.2	521.3	473.6	424.3	370.9	324.7	278.9
-50°	647.2	622.8	594.5	560.6	520.2	478.8	435.2	391.1	345.6	302.1	260.2
-52.5°	588.9	565.5	540.3	509.0	474.6	436.3	399.8	358.6	319.9	280.2	241.2
-55°	534.1	511.2	488.1	461.3	430.5	398.4	364.8	329.7	293.7	258.4	222.1
-57.5°	482.3	460.1	440.2	416.2	390.3	362.3	332.0	300.5	268.6	236.3	205.1
-60°	432.6	414.4	394.8	375.1	352.5	327.1	300.0	271.7	243.7	214.4	188.0
-62.5°	386.9	370.5	354.2	336.3	315.6	292.7	268.2	244.2	218.4	194.8	170.5
-65°	343.9	330.4	314.9	298.0	279.1	259.1	238.4	216.4	195.7	174.9	153.0
-67.5°	302.9	290.4	275.4	259.8	244.8	228.0	208.7	191.1	173.5	154.8	135.7
-70°	262.9	250.7	238.2	226.3	212.7	197.4	182.1	166.7	151.1	135.5	118.3
-72.5°	224.3	214.7	204.7	193.8	182.2	169.5	155.9	142.6	130.2	116.2	100.8
-75°	186.7	179.4	171.6	162.8	152.6	141.7	131.1	120.3	109.2	96.9	85.3
-77.5°	150.6	144.9	138.8	132.5	124.6	116.2	107.3	98.0	89.0	80.0	70.4
-80°	116.6	113.0	108.8	103.9	97.5	90.7	84.3	77.7	70.8	63.4	55.5
-82.5°	85.1	82.5	79.6	76.2	71.8	67.4	62.7	58.0	52.5	46.7	40.9
-85°	56.2	54.2	51.9	49.3	46.7	43.9	41.3	38.4	34.8	31.1	27.3
-87.5°	27.9	26.8	25.6	24.3	23.2	22.0	20.6	19.2	17.4	15.6	13.7
-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: P558858 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-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°	11.0	9.3	7.5	5.7	3.8	1.9	0.0
85°	21.9	18.5	15.0	11.4	7.7	3.8	0.0
82.5°	32.8	27.7	22.4	17.0	11.5	5.6	0.0
80°	44.7	36.9	29.9	22.7	15.3	7.5	0.0
77.5°	63.5	48.1	37.3	28.3	19.0	9.3	0.0
75°	82.1	63.1	45.3	33.8	22.7	11.2	0.0
72.5°	100.3	77.9	56.8	39.3	26.4	13.0	0.0
70°	118.9	92.4	68.0	45.2	30.0	14.8	0.0
67.5°	141.7	106.6	79.0	53.2	33.5	16.5	0.0
65°	163.8	122.3	89.8	61.1	37.0	18.2	0.0
62.5°	185.1	139.5	100.3	68.7	40.4	19.9	0.0
60°	205.7	156.0	110.4	76.2	43.7	21.5	0.0
57.5°	229.0	172.0	122.6	83.4	48.4	23.1	0.0
55°	251.6	187.2	134.5	90.3	53.0	24.7	0.0
52.5°	273.1	202.2	145.8	97.0	57.4	26.2	0.0
50°	293.2	218.6	156.6	103.5	61.6	27.6	0.0
47.5°	312.4	234.0	166.8	109.9	65.7	29.0	0.0
45°	332.5	248.4	176.4	117.1	69.7	30.4	0.0
42.5°	350.9	261.7	185.4	123.9	73.4	31.7	0.0
40°	367.8	274.0	194.5	130.3	77.0	32.9	0.0
37.5°	383.0	285.1	203.6	136.4	80.3	34.0	0.0
35°	396.5	296.2	212.0	142.1	83.5	35.1	0.0
32.5°	409.5	306.6	219.5	147.4	86.5	36.1	0.0
30°	423.5	315.7	226.2	152.3	89.2	37.1	0.0
27.5°	435.5	323.6	232.6	156.8	91.8	37.9	0.0
25°	445.7	330.2	238.2	160.8	94.1	38.7	0.0
22.5°	454.1	336.0	243.0	164.4	96.2	39.5	0.0
20°	460.5	341.8	247.1	167.6	98.1	40.1	0.0
17.5°	466.4	346.5	250.3	170.4	99.7	40.7	0.0
15°	471.1	350.2	252.9	172.7	101.1	41.2	0.0
12.5°	474.0	352.9	254.6	174.5	102.3	41.6	0.0
10°	475.1	354.7	255.7	176.0	103.2	41.9	0.0
7.5°	474.6	355.4	256.0	177.0	103.9	42.1	0.0
5°	472.5	355.1	255.7	177.5	104.4	42.3	0.0
2.5°	468.9	353.9	254.8	177.7	104.6	42.4	0.0
0°	463.9	351.7	253.2	177.4	104.6	42.4	0.0
-2.5°	458.6	348.4	252.0	176.6	104.4	42.5	0.0
-5°	452.0	344.1	250.2	175.4	103.9	42.4	0.0
-7.5°	444.2	339.1	247.8	173.8	103.2	42.3	0.0
-10°	435.3	333.2	244.8	171.8	102.2	42.1	0.0
-12.5°	425.3	326.7	241.3	169.4	101.1	41.9	0.0
-15°	414.3	319.4	237.3	166.6	99.7	41.5	0.0
-17.5°	402.3	311.6	232.7	163.5	98.1	41.1	0.0
-20°	389.9	303.2	227.6	160.0	96.4	40.6	0.0



REPORT NUMBER: P558858 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	377.4	294.3	222.0	156.2	94.4	40.0	0.0
-25°	364.3	285.4	215.9	152.1	92.3	39.3	0.0
-27.5°	350.4	276.2	209.4	147.7	89.9	38.5	0.0
-30°	335.9	266.3	202.4	143.0	87.4	37.7	0.0
-32.5°	320.9	255.9	195.1	138.0	84.7	36.8	0.0
-35°	306.8	245.0	187.5	132.7	81.9	35.8	0.0
-37.5°	292.9	234.0	179.5	127.2	78.9	34.7	0.0
-40°	278.5	223.4	171.2	121.5	75.8	33.6	0.0
-42.5°	263.6	212.5	162.9	115.5	72.5	32.4	0.0
-45°	248.3	201.3	154.6	109.3	69.1	31.1	0.0
-47.5°	232.5	189.7	146.1	102.9	65.6	29.8	0.0
-50°	218.1	177.9	137.3	97.2	62.0	28.4	0.0
-52.5°	203.7	165.7	128.2	91.5	58.2	26.9	0.0
-55°	189.1	154.0	118.8	85.7	54.4	25.4	0.0
-57.5°	174.3	142.1	109.2	79.8	50.4	23.8	0.0
-60°	159.3	130.0	99.5	73.7	46.3	22.2	0.0
-62.5°	144.7	117.6	91.2	67.4	42.9	20.5	0.0
-65°	129.8	105.0	82.8	61.0	39.3	18.8	0.0
-67.5°	114.7	93.3	74.3	54.6	35.7	17.0	0.0
-70°	99.4	82.6	65.6	48.0	31.9	15.2	0.0
-72.5°	86.2	71.8	56.8	42.0	28.1	13.4	0.0
-75°	73.3	60.8	47.9	36.1	24.2	11.5	0.0
-77.5°	60.2	49.8	39.9	30.2	20.3	9.7	0.0
-80°	47.1	39.5	32.0	24.2	16.3	7.8	0.0
-82.5°	35.2	29.7	24.0	18.2	12.2	5.8	0.0
-85°	23.5	19.8	16.0	12.2	8.2	3.9	0.0
-87.5°	11.8	9.9	8.0	6.1	4.1	1.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)