

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: P561410 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-AMB-U-WAF-BK**

Issue Date: 7/30/2021

Test Information

Test Method: LM-79-08
Report Number: P561410 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2107-305-8)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/30/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA6B-AMB-U-WAF-BK
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (96) 1549K CCT, -21.5 CRI LEDS
Ballast/Driver: -

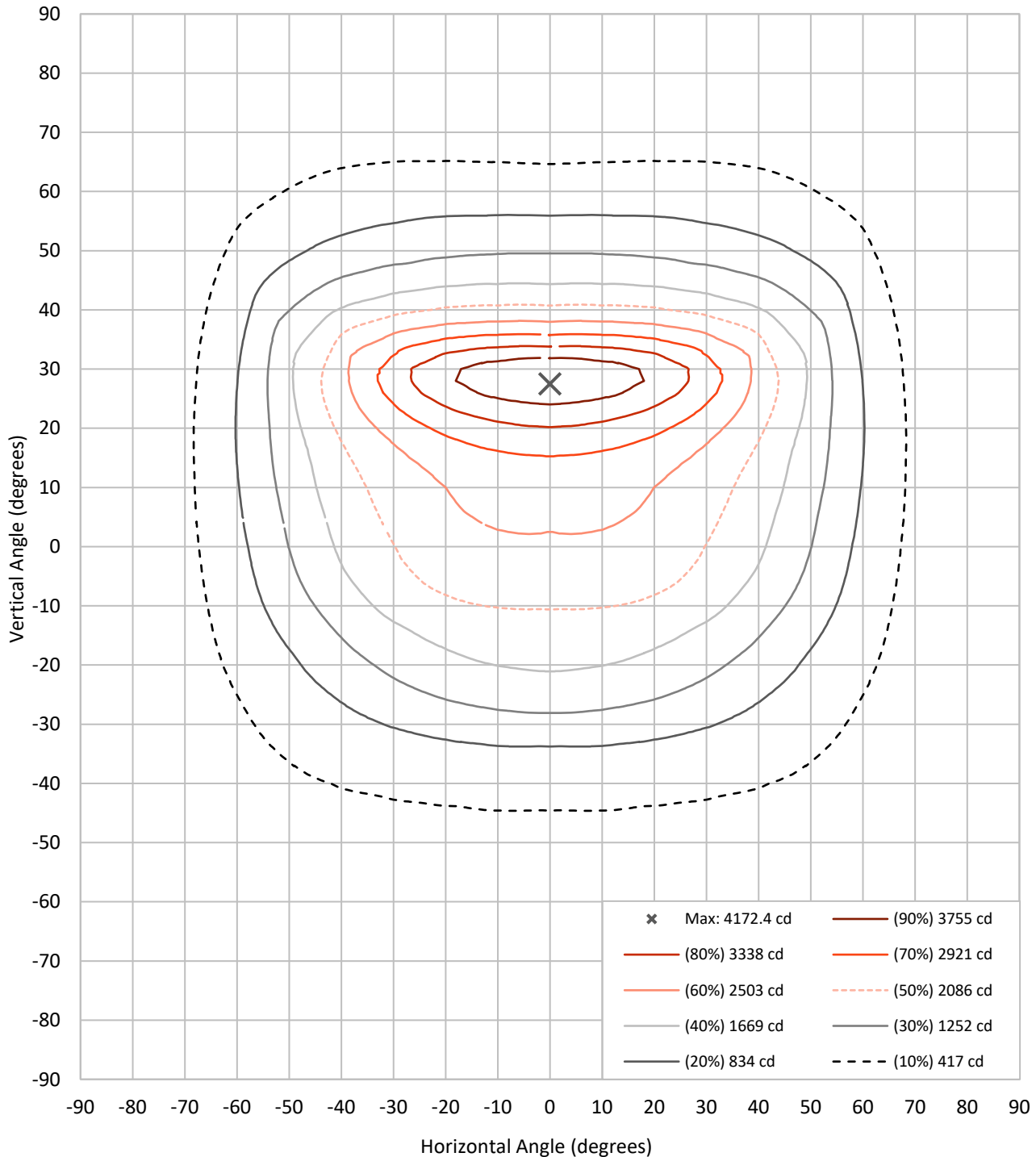
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	5812.3 lumens	Max Intensity:	4172.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	48.9 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	87.9°H x 51.3°V	Field Angle (10%):	135.6°H x 109.1°V
Beam Lumens:	2771.5 lumens	Field Lumens:	5350.6 lumens
Beam Efficiency:	47.7%	Field Efficiency:	92.1%
Input Watts (W):	118.8		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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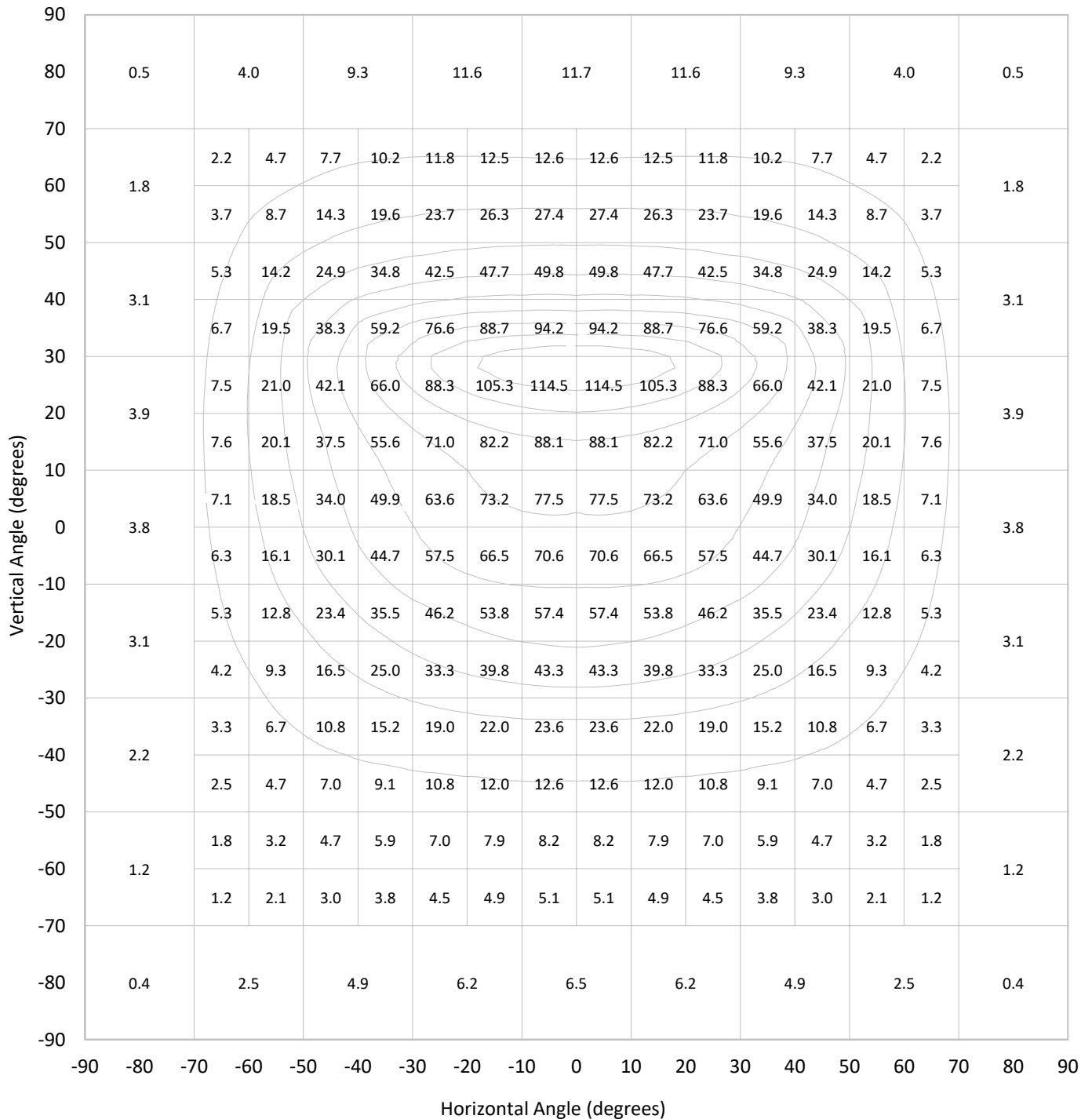
Iso-Candela Plot





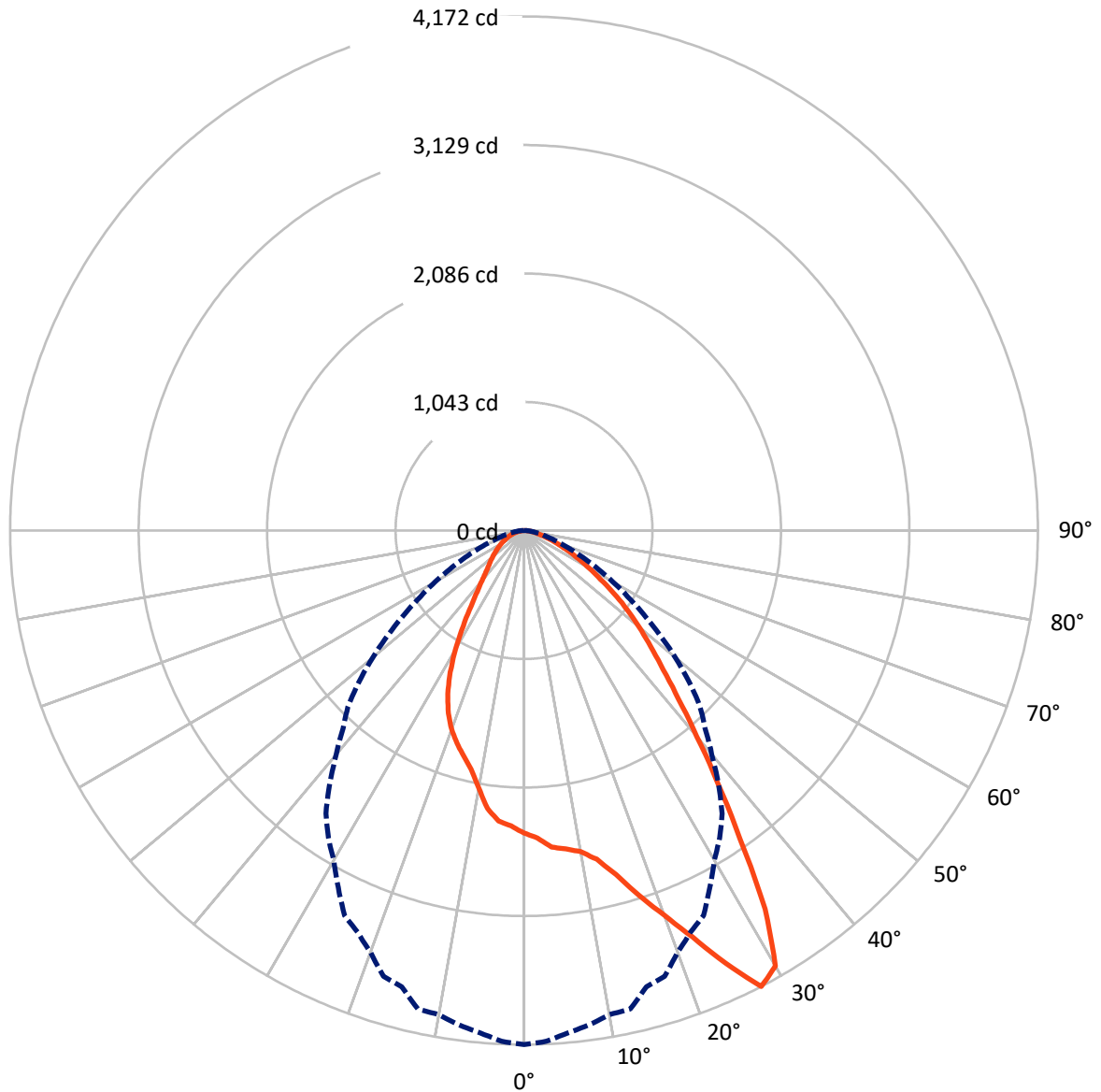
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Lumen Table



REPORT NUMBER: P561410 (CONVERTED FROM TYPE C PHOTOMETRY)
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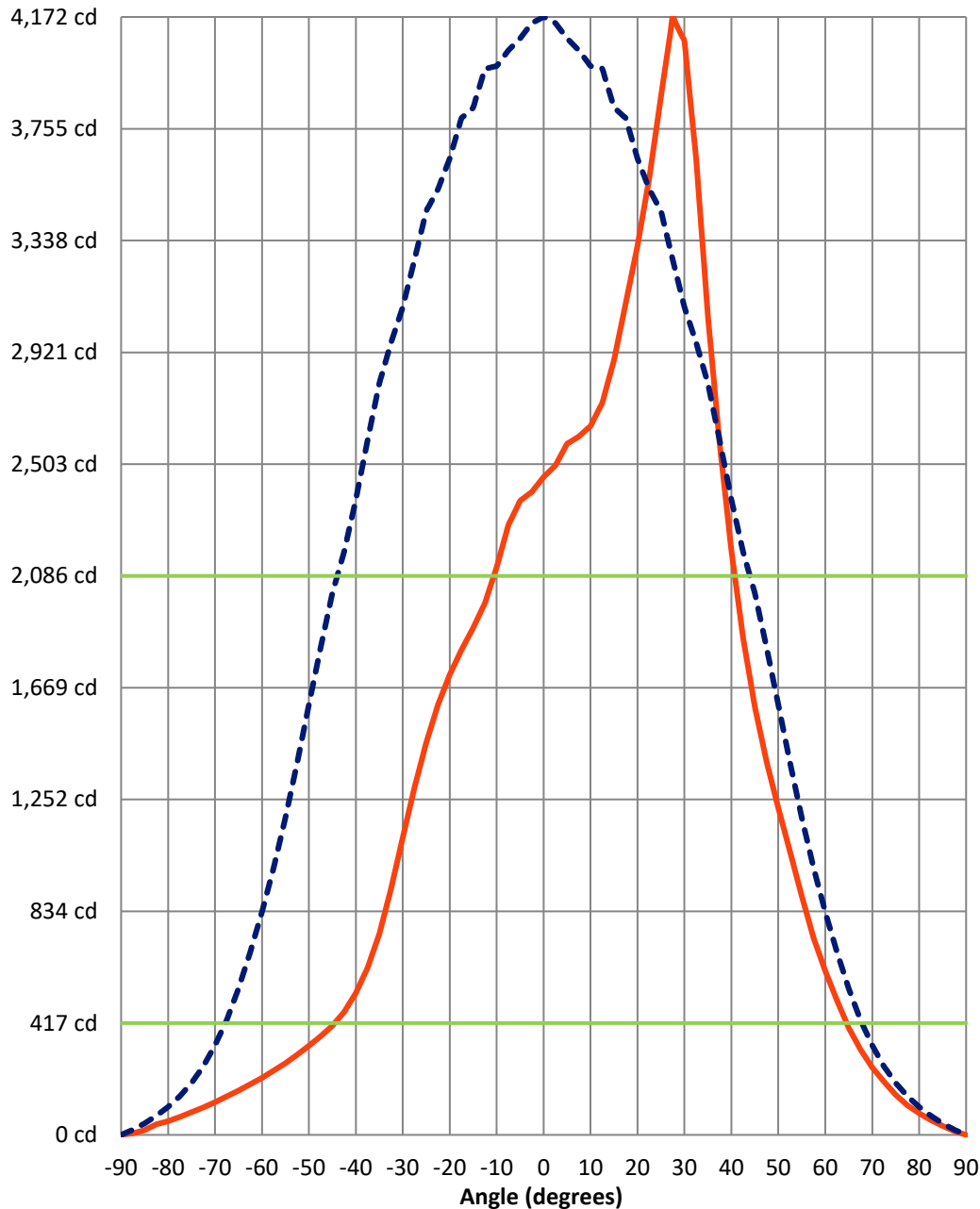
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 87.9°
 V Angle: 51.3°
 Lumens: 2771.5
 Efficiency: 47.7%

Field:
 H Angle: 135.6°
 V Angle: 109.1°
 Lumens: 5350.6
 Efficiency: 92.1%

Spill:
 Lumens: 461.7
 Efficiency: 7.9%

— 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	0.9	1.9	2.8	3.7	4.7	5.6	6.5	7.4	8.3	9.1
85°	0.0	1.9	3.8	5.6	7.5	9.3	11.2	13.0	14.8	16.5	18.2
82.5°	0.0	2.8	5.6	8.4	11.2	14.0	16.7	19.4	22.5	27.0	31.5
80°	0.0	3.7	7.5	11.2	14.9	18.6	22.7	28.7	34.8	40.9	47.1
77.5°	0.0	4.7	9.3	14.0	18.6	24.1	31.6	39.2	47.0	54.7	63.8
75°	0.0	5.6	11.2	16.7	22.6	31.2	40.4	49.7	59.3	71.3	83.8
72.5°	0.0	6.5	13.0	19.4	27.9	38.2	49.1	60.7	74.4	88.6	103.5
70°	0.0	7.4	14.8	22.3	33.2	45.0	57.8	73.3	89.1	105.7	124.8
67.5°	0.0	8.3	16.5	26.1	38.4	51.7	67.9	85.6	103.6	124.4	146.0
65°	0.0	9.1	18.2	29.7	43.4	58.8	77.7	97.6	119.5	142.7	168.2
62.5°	0.0	10.0	19.9	33.2	48.3	66.3	87.1	110.3	134.9	161.3	193.3
60°	0.0	10.8	21.6	36.7	53.0	73.6	96.2	123.2	149.8	182.7	217.6
57.5°	0.0	11.6	23.7	40.0	58.4	80.6	105.9	135.4	167.1	203.4	245.2
55°	0.0	12.4	25.8	43.3	63.5	87.2	115.3	146.8	184.4	224.2	273.5
52.5°	0.0	13.1	27.8	46.3	68.4	93.6	124.2	159.9	200.9	247.6	300.2
50°	0.0	13.9	29.7	49.3	73.1	100.4	132.5	172.5	217.6	269.7	331.1
47.5°	0.0	14.6	31.6	52.2	77.4	106.7	140.5	184.2	235.6	290.2	360.7
45°	0.0	15.3	33.3	55.3	81.5	112.6	149.6	194.9	250.9	314.3	388.0
42.5°	0.0	15.9	35.0	58.2	85.4	118.1	157.9	205.9	264.7	336.6	418.4
40°	0.0	16.5	36.5	60.8	89.2	123.1	165.4	216.7	278.3	356.7	446.5
37.5°	0.0	17.1	38.0	63.3	92.9	127.6	172.1	226.3	293.0	374.1	471.3
35°	0.0	17.7	39.4	65.6	96.2	132.3	178.1	234.6	305.9	392.0	494.9
32.5°	0.0	18.2	40.6	67.6	99.2	136.9	183.6	241.7	317.0	407.0	515.9
30°	0.0	18.7	41.8	69.5	101.9	140.8	189.1	248.2	326.3	419.1	533.0
27.5°	0.0	19.2	42.8	71.2	104.3	144.2	193.7	255.5	334.5	428.4	546.0
25°	0.0	19.6	43.7	72.7	106.5	147.0	197.4	261.4	341.8	437.3	555.3
22.5°	0.0	20.0	44.6	74.0	108.4	149.4	200.1	265.8	347.0	444.2	563.4
20°	0.0	20.3	45.3	75.0	110.0	151.7	202.0	268.9	350.0	448.1	567.6
17.5°	0.0	20.6	45.9	75.9	111.3	153.5	203.8	270.6	351.0	449.1	568.3
15°	0.0	20.9	46.4	76.6	112.3	154.9	205.4	271.6	350.1	447.3	565.4
12.5°	0.0	21.1	46.8	77.1	113.0	155.8	206.3	271.8	348.8	442.8	559.2
10°	0.0	21.3	47.1	77.4	113.4	156.2	206.4	270.8	347.0	439.6	550.8
7.5°	0.0	21.4	47.3	77.5	113.5	156.1	205.9	268.5	343.8	434.8	541.5
5°	0.0	21.5	47.3	77.4	113.3	155.6	204.8	265.2	339.3	428.0	529.4
2.5°	0.0	21.6	47.3	77.1	112.8	154.7	203.0	260.9	333.5	419.4	514.6
0°	0.0	21.6	47.2	76.7	112.1	153.4	200.7	255.7	326.6	409.2	497.7
-2.5°	0.0	21.6	47.1	76.4	111.3	151.7	198.0	251.6	320.0	399.1	484.4
-5°	0.0	21.5	46.8	75.9	110.2	149.6	194.9	246.8	312.3	387.7	469.5
-7.5°	0.0	21.4	46.5	75.2	108.9	147.1	191.2	241.3	303.7	375.1	453.1
-10°	0.0	21.3	46.1	74.3	107.3	144.4	187.0	235.3	294.3	361.4	435.4
-12.5°	0.0	21.1	45.6	73.4	105.5	141.3	182.4	228.6	284.2	347.2	417.6
-15°	0.0	20.9	45.0	72.2	103.4	137.9	177.4	221.5	274.1	333.9	399.4
-17.5°	0.0	20.6	44.3	70.9	101.2	134.3	172.0	214.4	264.2	320.0	380.5
-20°	0.0	20.3	43.5	69.5	98.8	130.4	166.4	207.3	253.9	305.7	361.0



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 CATALOG NUMBER: GFLD-SA6B-AMB-U-WAF-BK

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	20.0	42.6	67.9	96.1	126.4	161.0	199.7	243.1	290.9	341.1
-25°	0.0	19.6	41.7	66.2	93.3	122.4	155.2	191.7	231.9	275.9	320.9
-27.5°	0.0	19.2	40.7	64.4	90.4	118.3	149.2	183.3	220.4	261.2	302.6
-30°	0.0	18.7	39.6	62.4	87.2	113.9	142.9	174.6	209.5	247.1	284.4
-32.5°	0.0	18.2	38.4	60.3	84.1	109.4	136.4	166.4	198.8	233.0	266.6
-35°	0.0	17.7	37.2	58.2	80.8	104.6	130.3	158.2	187.9	218.9	249.0
-37.5°	0.0	17.1	35.9	55.8	77.3	99.8	124.2	150.0	176.7	204.8	233.6
-40°	0.0	16.5	34.5	53.4	73.7	95.2	117.9	141.6	165.3	191.5	218.6
-42.5°	0.0	15.9	33.1	50.9	70.2	90.5	111.4	133.1	155.0	179.0	203.5
-45°	0.0	15.3	31.6	48.3	66.7	85.7	104.8	124.8	145.2	166.5	188.7
-47.5°	0.0	14.6	30.0	45.6	63.1	80.8	97.9	116.9	135.4	154.0	174.9
-50°	0.0	13.9	28.4	43.1	59.4	75.8	91.8	108.8	125.9	143.4	161.2
-52.5°	0.0	13.1	26.8	40.7	55.6	70.7	85.8	100.6	116.7	132.7	147.9
-55°	0.0	12.4	25.1	38.1	51.7	65.8	79.7	92.4	107.6	121.8	136.0
-57.5°	0.0	11.6	23.4	35.5	47.7	60.8	73.6	85.4	98.4	111.5	124.0
-60°	0.0	10.8	21.6	32.9	43.6	55.7	67.4	78.5	89.5	101.5	112.4
-62.5°	0.0	10.0	19.9	30.2	40.0	50.6	61.3	71.6	81.7	91.5	101.6
-65°	0.0	9.1	18.2	27.4	36.4	45.3	55.1	64.5	73.7	82.4	90.9
-67.5°	0.0	8.3	16.5	24.6	32.7	40.4	48.8	57.5	65.7	73.6	81.0
-70°	0.0	7.4	14.8	21.8	29.0	35.8	42.4	50.3	57.8	64.7	71.3
-72.5°	0.0	6.5	13.0	19.1	25.2	31.2	36.9	43.2	50.0	56.1	61.6
-75°	0.0	5.6	11.2	16.4	21.4	26.6	31.4	36.7	42.1	47.6	52.6
-77.5°	0.0	4.7	9.3	13.7	17.8	21.9	25.9	30.3	34.8	39.1	43.5
-80°	0.0	3.7	7.5	11.0	14.3	17.4	20.4	24.0	27.5	31.0	34.5
-82.5°	0.0	2.8	5.6	8.3	10.7	13.1	15.3	17.7	20.2	22.8	25.4
-85°	0.0	1.9	3.8	5.5	7.2	8.7	10.2	11.8	13.5	15.1	16.6
-87.5°	0.0	0.9	1.9	2.8	3.6	4.4	5.1	5.9	6.7	7.5	8.3
-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: P561410 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-WAF-BK

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°	9.8	10.3	10.8	11.3	12.0	12.7	13.3	13.9	13.8	13.6	13.3
85°	19.5	20.6	22.9	25.2	27.6	29.8	31.8	33.5	33.5	32.9	32.1
82.5°	35.4	39.2	42.9	46.5	49.7	52.5	55.1	57.6	57.8	57.6	57.2
80°	52.6	57.8	63.9	69.6	74.2	78.1	81.4	84.2	85.5	86.9	88.1
77.5°	72.8	80.7	87.9	94.4	100.0	106.2	112.2	117.8	121.2	122.8	123.5
75°	94.6	103.7	113.4	122.4	130.8	138.9	146.7	155.2	160.7	164.0	166.5
72.5°	117.6	129.8	141.1	151.6	163.9	175.7	186.3	195.7	203.9	210.0	214.3
70°	142.1	155.9	171.7	187.0	201.1	215.2	230.2	243.5	254.1	261.2	267.6
67.5°	167.4	187.3	205.8	223.8	243.6	261.9	278.2	296.1	311.3	320.2	327.1
65°	197.4	219.4	243.9	267.8	288.8	312.7	334.6	353.8	373.6	386.9	396.5
62.5°	226.4	257.6	286.3	314.3	342.1	367.7	395.1	420.2	441.5	459.4	472.6
60°	260.2	297.9	333.1	367.5	398.3	430.6	461.2	491.9	517.7	537.1	556.8
57.5°	293.9	343.1	384.9	425.2	464.0	496.9	537.3	570.4	601.6	625.6	649.2
55°	328.8	392.7	441.8	491.4	535.3	576.6	618.9	660.7	693.4	725.1	752.8
52.5°	366.8	440.8	507.0	562.6	615.9	664.0	711.4	759.4	802.7	836.6	867.4
50°	402.5	492.2	574.9	641.6	703.5	761.5	813.6	871.1	924.3	965.0	995.1
47.5°	442.4	539.6	650.8	725.1	800.8	869.4	930.9	1000.4	1060.8	1115.4	1150.4
45°	481.1	588.4	710.2	820.1	905.3	985.9	1065.7	1141.6	1222.0	1283.7	1333.0
42.5°	516.0	634.7	770.6	917.0	1018.3	1113.1	1205.5	1304.1	1398.4	1478.6	1541.2
40°	553.1	676.5	825.6	996.2	1135.3	1245.1	1353.0	1465.4	1599.7	1699.5	1776.0
37.5°	586.7	720.1	874.4	1054.4	1258.2	1377.8	1496.6	1627.1	1783.3	1941.5	2042.1
35°	616.2	757.0	918.9	1104.2	1315.4	1507.4	1634.0	1773.5	1944.4	2166.6	2313.9
32.5°	643.5	787.2	954.0	1143.6	1355.1	1586.0	1757.8	1895.0	2069.6	2298.2	2576.0
30°	665.8	813.1	980.2	1170.3	1379.7	1603.6	1832.3	1984.4	2151.2	2364.4	2615.1
27.5°	681.7	831.4	997.4	1183.6	1388.3	1605.0	1818.4	2021.5	2175.9	2370.9	2592.1
25°	693.0	843.4	1004.3	1184.1	1379.5	1584.6	1788.5	1980.6	2149.4	2315.9	2505.7
22.5°	700.4	849.6	1009.8	1172.5	1357.3	1550.1	1741.6	1922.1	2085.0	2232.2	2390.6
20°	703.7	851.6	1009.7	1170.4	1328.2	1504.5	1686.4	1857.1	2013.7	2154.6	2277.4
17.5°	702.4	848.5	1004.0	1161.5	1316.6	1467.5	1622.5	1787.4	1939.6	2077.7	2199.3
15°	696.7	840.6	993.2	1147.4	1299.6	1447.4	1589.0	1721.7	1861.1	2000.0	2123.3
12.5°	686.8	828.0	977.3	1128.3	1277.5	1421.9	1560.9	1692.3	1814.6	1929.2	2045.6
10°	672.9	810.9	956.7	1104.2	1250.3	1391.1	1528.3	1658.8	1780.1	1892.7	1997.5
7.5°	661.2	793.6	932.5	1075.2	1218.2	1355.0	1491.1	1621.1	1740.8	1851.2	1956.0
5°	647.5	776.5	910.4	1050.0	1189.1	1320.6	1452.4	1578.7	1696.6	1804.7	1910.4
2.5°	631.0	755.8	884.0	1021.9	1160.4	1292.1	1423.2	1546.5	1660.2	1765.6	1868.2
0°	611.8	731.8	853.8	989.5	1127.2	1259.0	1388.8	1508.8	1621.0	1727.2	1827.5
-2.5°	592.6	707.0	825.8	955.1	1086.5	1215.3	1343.0	1463.9	1573.2	1681.0	1779.8
-5°	571.2	679.6	794.5	917.0	1041.6	1166.9	1291.9	1413.3	1517.0	1621.0	1715.4
-7.5°	547.9	649.8	760.2	875.1	990.9	1107.6	1224.6	1337.6	1438.7	1538.7	1632.2
-10°	523.1	618.5	720.9	826.3	933.4	1040.8	1150.2	1257.3	1355.3	1450.8	1542.7
-12.5°	498.5	586.0	679.4	775.6	873.5	971.5	1071.9	1172.9	1267.0	1357.4	1448.0
-15°	473.1	552.5	636.7	723.6	811.7	900.6	989.9	1085.0	1177.0	1265.7	1352.3
-17.5°	447.0	518.3	593.1	670.8	748.4	828.5	907.6	1002.5	1089.5	1172.1	1251.5
-20°	420.7	483.8	549.2	617.6	684.7	763.2	839.7	921.1	999.8	1075.1	1147.9



REPORT NUMBER: P561410 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-WAF-BK

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	394.4	449.4	506.5	566.2	633.8	703.9	772.2	840.3	908.8	974.8	1045.4
-25°	369.3	417.9	466.8	525.6	585.1	645.0	704.7	761.4	819.5	881.9	943.1
-27.5°	345.4	387.4	435.0	485.6	536.7	588.1	639.7	688.1	740.4	792.3	841.7
-30°	321.7	362.0	403.2	447.2	491.9	535.2	577.2	620.3	664.4	708.2	748.2
-32.5°	299.9	337.2	374.1	412.1	449.4	483.6	521.0	558.4	593.3	627.0	659.3
-35°	280.2	313.9	346.5	377.8	408.9	439.2	471.1	500.1	525.7	552.2	579.9
-37.5°	262.3	290.9	319.4	346.0	372.6	399.8	423.8	447.9	467.1	484.3	508.5
-40°	244.4	268.2	294.1	317.3	339.4	362.9	383.4	400.1	414.5	432.3	445.3
-42.5°	226.8	248.8	269.9	289.9	310.2	328.9	345.0	358.8	372.1	385.4	395.3
-45°	210.3	229.9	246.8	265.9	282.9	297.7	311.1	321.2	334.9	344.4	351.3
-47.5°	194.0	211.5	227.2	242.8	257.8	270.2	279.9	291.1	301.1	309.3	313.0
-50°	178.2	194.2	208.7	222.5	234.7	244.9	252.8	263.1	271.9	277.9	281.1
-52.5°	163.7	177.3	191.2	203.3	213.8	222.4	230.0	238.1	245.3	250.3	255.4
-55°	149.4	162.0	174.1	185.2	194.4	201.9	209.3	216.0	220.8	225.5	231.7
-57.5°	136.0	147.5	158.2	167.7	176.1	182.8	190.0	195.5	200.0	203.2	208.9
-60°	123.1	133.4	143.1	151.6	158.7	165.4	171.5	176.7	180.5	183.7	188.4
-62.5°	110.4	119.8	128.4	136.1	142.7	148.4	154.0	158.6	162.2	165.6	168.9
-65°	99.2	106.5	114.1	121.1	127.2	132.4	137.0	141.0	144.4	147.7	150.3
-67.5°	87.9	94.4	100.5	106.3	111.9	116.8	120.5	124.0	126.9	130.3	133.0
-70°	77.3	82.5	87.7	92.6	97.1	101.6	105.4	108.2	110.3	112.7	115.1
-72.5°	66.9	71.6	75.7	79.1	82.9	86.6	90.1	93.4	95.7	97.3	98.6
-75°	56.8	60.8	64.5	67.7	70.1	72.2	74.2	76.7	79.1	81.1	82.5
-77.5°	46.9	50.1	53.1	56.1	58.1	59.5	60.8	61.9	63.4	64.8	65.9
-80°	37.1	39.3	41.6	43.7	45.5	46.7	47.7	48.3	49.3	50.4	51.4
-82.5°	27.6	29.5	31.1	32.5	33.4	34.2	34.9	35.6	36.2	36.8	37.3
-85°	18.2	19.7	21.1	22.3	23.0	23.5	23.9	24.2	24.0	23.7	23.4
-87.5°	9.1	9.8	10.6	11.3	11.7	12.0	12.3	12.5	12.0	11.3	10.5
-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: P561410 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-WAF-BK

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°	12.9	12.8	12.8	12.7	12.5	12.3	12.0	11.7	11.4	11.5	11.6
85°	30.9	31.4	32.0	32.5	33.0	32.9	32.7	32.4	31.9	32.4	32.7
82.5°	56.6	57.4	57.9	57.8	57.3	57.0	56.4	55.6	54.7	54.9	55.0
80°	88.6	88.8	88.6	87.7	86.3	85.5	84.4	82.9	81.1	81.5	81.9
77.5°	124.1	124.9	125.0	124.2	122.4	121.2	119.6	117.4	114.6	114.5	114.6
75°	168.1	168.9	169.0	168.0	166.0	164.3	162.3	159.4	155.7	155.1	154.8
72.5°	217.1	218.3	218.4	218.2	216.8	215.2	212.9	209.2	204.4	202.8	202.0
70°	271.6	273.8	275.2	275.8	275.9	274.7	272.6	268.8	263.7	260.9	258.8
67.5°	333.7	337.9	341.7	343.2	343.5	342.7	341.7	339.1	335.1	332.1	329.5
65°	404.2	410.3	415.9	418.6	418.6	418.9	420.3	419.3	416.0	413.5	413.0
62.5°	482.4	491.9	501.3	506.9	508.1	507.7	512.7	514.2	512.3	510.1	510.6
60°	573.3	586.6	597.7	606.4	612.9	617.0	622.8	624.1	620.3	614.9	616.4
57.5°	671.6	687.4	699.6	715.7	728.8	738.6	744.5	746.6	745.3	741.4	744.6
55°	778.7	799.7	813.2	835.0	853.9	867.6	876.8	884.0	888.1	888.6	896.0
52.5°	896.9	925.7	943.7	964.0	987.9	1004.9	1015.9	1030.2	1039.6	1043.4	1052.6
50°	1036.2	1067.3	1089.1	1103.9	1135.1	1157.8	1169.5	1186.7	1200.1	1204.8	1212.4
47.5°	1190.9	1226.8	1256.7	1271.3	1304.7	1334.5	1348.4	1362.0	1379.3	1383.5	1388.0
45°	1364.2	1416.8	1452.9	1480.1	1505.5	1543.2	1562.4	1570.0	1592.7	1600.4	1601.7
42.5°	1581.8	1637.3	1688.4	1727.7	1747.3	1792.5	1824.3	1830.5	1857.2	1866.9	1858.3
40°	1841.3	1890.9	1969.7	2019.3	2052.7	2091.9	2140.5	2157.6	2174.4	2189.7	2182.2
37.5°	2121.2	2199.5	2292.7	2363.9	2413.2	2451.9	2511.8	2538.3	2544.6	2586.2	2586.6
35°	2408.1	2504.1	2646.5	2739.6	2802.4	2869.4	2937.8	2993.4	3030.8	3064.7	3071.0
32.5°	2653.2	2758.9	2921.9	3099.5	3176.5	3257.4	3396.9	3439.1	3512.6	3558.7	3580.6
30°	2838.7	2917.8	3069.4	3308.4	3414.2	3500.6	3664.7	3742.3	3818.7	3932.8	3943.6
27.5°	2804.4	2956.6	3089.7	3266.7	3447.7	3529.9	3644.3	3794.2	3834.7	3978.8	3989.3
25°	2693.7	2852.7	2976.0	3119.2	3258.2	3360.1	3461.8	3560.3	3631.0	3699.8	3758.7
22.5°	2552.6	2694.2	2813.6	2931.2	3043.8	3140.0	3225.2	3304.0	3370.6	3425.5	3477.3
20°	2407.2	2541.2	2656.6	2754.5	2845.9	2936.6	3013.2	3079.7	3137.3	3188.3	3226.1
17.5°	2302.1	2392.2	2507.8	2606.2	2685.5	2754.0	2828.0	2885.5	2935.9	2983.1	3014.4
15°	2227.3	2313.5	2386.1	2471.1	2555.3	2619.5	2666.5	2725.7	2769.2	2807.5	2836.8
12.5°	2154.1	2246.4	2325.6	2390.3	2443.8	2517.8	2571.0	2605.9	2651.4	2676.1	2704.4
10°	2093.0	2182.7	2269.2	2341.5	2401.6	2454.2	2502.7	2549.5	2582.2	2608.6	2625.7
7.5°	2051.2	2139.5	2221.2	2295.3	2360.6	2419.2	2469.7	2511.6	2548.0	2571.0	2587.3
5°	2005.3	2093.4	2174.2	2247.0	2310.4	2373.9	2431.6	2476.9	2507.4	2534.5	2555.9
2.5°	1959.1	2046.8	2123.9	2194.3	2254.1	2314.4	2367.7	2409.8	2447.2	2473.7	2494.7
0°	1914.1	2006.5	2077.4	2146.2	2205.2	2262.3	2311.5	2352.8	2388.2	2417.7	2435.4
-2.5°	1870.4	1958.7	2036.9	2107.3	2167.5	2223.5	2271.5	2314.7	2350.4	2378.4	2400.7
-5°	1805.0	1890.0	1969.3	2040.0	2106.1	2165.6	2218.6	2264.7	2295.3	2324.0	2345.9
-7.5°	1722.2	1808.3	1889.9	1963.8	2028.8	2077.0	2119.3	2163.5	2204.6	2227.5	2251.0
-10°	1631.7	1717.9	1791.9	1853.1	1905.5	1951.8	1995.0	2036.0	2064.6	2090.3	2101.8
-12.5°	1532.7	1611.7	1677.9	1729.8	1776.6	1831.6	1873.3	1901.4	1935.4	1952.7	1973.3
-15°	1429.3	1501.5	1560.9	1616.9	1674.7	1723.4	1758.1	1797.1	1824.6	1851.4	1867.5
-17.5°	1323.0	1388.6	1457.7	1519.6	1572.7	1618.5	1661.8	1697.1	1729.5	1755.5	1775.2
-20°	1218.0	1285.6	1351.9	1411.7	1465.4	1514.9	1557.7	1594.2	1629.5	1654.5	1675.1



REPORT NUMBER: P561410 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-WAF-BK

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1112.9	1176.6	1237.7	1294.8	1348.2	1397.3	1439.7	1476.3	1509.5	1538.1	1558.1
-25°	1003.1	1061.8	1116.0	1165.3	1212.9	1263.5	1302.9	1337.7	1368.7	1397.5	1418.9
-27.5°	892.6	942.5	988.3	1030.6	1070.0	1111.0	1149.5	1180.5	1211.0	1232.0	1257.1
-30°	783.9	826.2	862.8	893.6	929.7	962.0	989.8	1017.7	1043.6	1064.8	1085.1
-32.5°	691.6	717.9	743.9	768.7	795.5	819.8	837.0	860.3	872.0	889.1	907.2
-35°	605.5	625.0	636.7	660.1	677.1	690.6	706.9	721.2	722.9	740.9	749.4
-37.5°	525.5	540.2	554.5	566.0	576.4	582.8	598.3	605.7	607.6	619.5	623.9
-40°	457.4	462.8	481.8	490.4	493.3	499.8	511.3	513.9	519.5	526.4	525.8
-42.5°	400.4	410.2	419.8	427.5	428.8	437.8	444.0	443.8	452.6	458.0	458.5
-45°	354.8	365.9	373.1	377.6	381.7	389.0	392.4	394.2	401.4	405.8	407.8
-47.5°	319.9	327.8	334.2	337.1	343.6	349.1	351.7	355.8	361.4	364.8	366.8
-50°	289.1	295.2	300.3	304.2	310.5	315.1	317.4	322.4	327.1	330.4	332.3
-52.5°	262.0	267.7	270.9	275.1	280.7	284.8	287.7	292.6	296.5	299.1	300.4
-55°	238.1	243.0	246.1	250.3	254.0	257.0	260.2	264.4	267.8	270.3	270.9
-57.5°	214.8	219.8	223.7	226.9	229.5	231.5	234.4	237.7	240.3	242.1	242.6
-60°	192.6	196.3	200.2	203.5	206.0	207.6	210.2	212.7	214.5	215.7	215.7
-62.5°	171.8	174.6	177.7	180.3	182.2	183.6	186.2	188.3	189.8	190.6	190.5
-65°	152.2	154.1	156.7	158.8	160.2	161.7	163.8	165.4	166.3	166.7	166.6
-67.5°	134.8	135.9	137.4	138.8	140.1	141.3	143.0	144.3	145.2	145.7	145.9
-70°	117.1	118.6	119.6	120.1	120.5	121.3	122.6	123.6	124.2	124.5	124.5
-72.5°	99.7	100.7	101.3	101.8	101.9	102.4	103.1	103.6	103.8	103.8	103.5
-75°	83.4	84.2	84.8	85.0	84.9	85.1	85.3	85.3	85.1	85.1	85.0
-77.5°	67.0	67.8	68.4	68.6	68.7	68.8	68.9	68.7	68.3	68.1	67.8
-80°	52.2	52.7	53.1	53.3	53.2	53.5	53.6	53.5	53.3	53.3	53.3
-82.5°	37.6	38.0	38.2	38.3	38.4	38.7	38.9	39.2	39.3	39.4	39.4
-85°	23.1	23.2	23.1	22.9	22.7	22.2	21.7	21.2	20.5	19.9	19.2
-87.5°	9.7	9.5	9.4	9.1	8.9	8.2	7.4	6.6	5.7	5.8	5.8
-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: P561410 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-WAF-BK

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°	11.7	11.8	12.8	13.8	12.8	11.8	11.7	11.6	11.5	11.4	11.7
85°	33.0	33.2	33.4	33.4	33.4	33.2	33.0	32.7	32.4	31.9	32.4
82.5°	55.0	54.9	55.0	55.1	55.0	54.9	55.0	55.0	54.9	54.7	55.6
80°	82.2	82.2	81.6	80.7	81.6	82.2	82.2	81.9	81.5	81.1	82.9
77.5°	114.3	113.6	112.0	110.2	112.0	113.6	114.3	114.6	114.5	114.6	117.4
75°	154.0	152.7	151.3	149.5	151.3	152.7	154.0	154.8	155.1	155.7	159.4
72.5°	200.3	197.8	198.4	198.7	198.4	197.8	200.3	202.0	202.8	204.4	209.2
70°	255.4	250.9	251.4	251.8	251.4	250.9	255.4	258.8	260.9	263.7	268.8
67.5°	325.3	319.6	319.2	318.7	319.2	319.6	325.3	329.5	332.1	335.1	339.1
65°	410.9	407.1	403.9	399.3	403.9	407.1	410.9	413.0	413.5	416.0	419.3
62.5°	508.3	503.6	502.7	501.6	502.7	503.6	508.3	510.6	510.1	512.3	514.2
60°	615.2	611.2	611.6	611.8	611.6	611.2	615.2	616.4	614.9	620.3	624.1
57.5°	743.1	737.4	736.3	735.7	736.3	737.4	743.1	744.6	741.4	745.3	746.6
55°	899.9	899.4	897.1	891.1	897.1	899.4	899.9	896.0	888.6	888.1	884.0
52.5°	1059.7	1061.9	1061.1	1056.4	1061.1	1061.9	1059.7	1052.6	1043.4	1039.6	1030.2
50°	1219.7	1220.6	1220.6	1219.7	1220.6	1220.6	1219.7	1212.4	1204.8	1200.1	1186.7
47.5°	1398.0	1400.4	1398.5	1392.8	1398.5	1400.4	1398.0	1388.0	1383.5	1379.3	1362.0
45°	1612.8	1611.8	1605.4	1597.4	1605.4	1611.8	1612.8	1601.7	1600.4	1592.7	1570.0
42.5°	1871.9	1871.2	1863.4	1855.1	1863.4	1871.2	1871.9	1858.3	1866.9	1857.2	1830.5
40°	2202.5	2208.1	2198.9	2181.6	2198.9	2208.1	2202.5	2182.2	2189.7	2174.4	2157.6
37.5°	2601.3	2610.2	2598.7	2581.0	2598.7	2610.2	2601.3	2586.6	2586.2	2544.6	2538.3
35°	3084.1	3101.4	3087.9	3057.0	3087.9	3101.4	3084.1	3071.0	3064.7	3030.8	2993.4
32.5°	3615.5	3648.0	3647.7	3641.3	3647.7	3648.0	3615.5	3580.6	3558.7	3512.6	3439.1
30°	4004.5	4047.6	4079.6	4081.9	4079.6	4047.6	4004.5	3943.6	3932.8	3818.7	3742.3
27.5°	4047.6	4092.6	4149.7	4172.4	4149.7	4092.6	4047.6	3989.3	3978.8	3834.7	3794.2
25°	3802.3	3826.8	3856.6	3875.4	3856.6	3826.8	3802.3	3758.7	3699.8	3631.0	3560.3
22.5°	3508.5	3536.8	3552.8	3570.5	3552.8	3536.8	3508.5	3477.3	3425.5	3370.6	3304.0
20°	3261.6	3298.1	3306.3	3318.7	3306.3	3298.1	3261.6	3226.1	3188.3	3137.3	3079.7
17.5°	3048.2	3072.3	3081.1	3104.2	3081.1	3072.3	3048.2	3014.4	2983.1	2935.9	2885.5
15°	2862.5	2875.9	2882.5	2891.8	2882.5	2875.9	2862.5	2836.8	2807.5	2769.2	2725.7
12.5°	2718.7	2731.3	2730.5	2732.4	2730.5	2731.3	2718.7	2704.4	2676.1	2651.4	2605.9
10°	2635.2	2645.5	2649.2	2645.9	2649.2	2645.5	2635.2	2625.7	2608.6	2582.2	2549.5
7.5°	2599.9	2601.4	2606.5	2606.5	2606.5	2601.4	2599.9	2587.3	2571.0	2548.0	2511.6
5°	2566.3	2573.3	2567.4	2579.0	2567.4	2573.3	2566.3	2555.9	2534.5	2507.4	2476.9
2.5°	2505.6	2512.5	2508.9	2498.3	2508.9	2512.5	2505.6	2494.7	2473.7	2447.2	2409.8
0°	2445.2	2457.0	2464.9	2455.1	2464.9	2457.0	2445.2	2435.4	2417.7	2388.2	2352.8
-2.5°	2411.4	2419.8	2418.2	2400.0	2418.2	2419.8	2411.4	2400.7	2378.4	2350.4	2314.7
-5°	2361.7	2364.8	2363.7	2366.5	2363.7	2364.8	2361.7	2345.9	2324.0	2295.3	2264.7
-7.5°	2259.0	2263.1	2267.1	2276.0	2267.1	2263.1	2259.0	2251.0	2227.5	2204.6	2163.5
-10°	2111.3	2119.5	2114.4	2118.7	2114.4	2119.5	2111.3	2101.8	2090.3	2064.6	2036.0
-12.5°	1982.4	1987.8	1983.2	1984.9	1983.2	1987.8	1982.4	1973.3	1952.7	1935.4	1901.4
-15°	1881.9	1888.0	1889.1	1892.4	1889.1	1888.0	1881.9	1867.5	1851.4	1824.6	1797.1
-17.5°	1787.6	1798.8	1806.8	1809.8	1806.8	1798.8	1787.6	1775.2	1755.5	1729.5	1697.1
-20°	1690.0	1703.8	1715.3	1717.4	1715.3	1703.8	1690.0	1675.1	1654.5	1629.5	1594.2



REPORT NUMBER: P561410 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-WAF-BK

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1575.3	1589.1	1601.8	1605.2	1601.8	1589.1	1575.3	1558.1	1538.1	1509.5	1476.3
-25°	1435.8	1452.7	1463.5	1463.6	1463.5	1452.7	1435.8	1418.9	1397.5	1368.7	1337.7
-27.5°	1272.2	1288.6	1295.7	1296.4	1295.7	1288.6	1272.2	1257.1	1232.0	1211.0	1180.5
-30°	1096.9	1109.8	1110.2	1109.5	1110.2	1109.8	1096.9	1085.1	1064.8	1043.6	1017.7
-32.5°	917.0	924.1	920.0	918.7	920.0	924.1	917.0	907.2	889.1	872.0	860.3
-35°	752.3	751.7	745.6	749.5	745.6	751.7	752.3	749.4	740.9	722.9	721.2
-37.5°	627.7	626.2	621.0	623.6	621.0	626.2	627.7	623.9	619.5	607.6	605.7
-40°	529.6	530.2	528.8	529.2	528.8	530.2	529.6	525.8	526.4	519.5	513.9
-42.5°	460.6	459.9	458.6	458.4	458.6	459.9	460.6	458.5	458.0	452.6	443.8
-45°	408.9	407.4	406.4	407.2	406.4	407.4	408.9	407.8	405.8	401.4	394.2
-47.5°	368.4	368.6	368.5	367.9	368.5	368.6	368.4	366.8	364.8	361.4	355.8
-50°	332.8	332.0	331.9	332.5	331.9	332.0	332.8	332.3	330.4	327.1	322.4
-52.5°	300.7	300.2	299.7	299.0	299.7	300.2	300.7	300.4	299.1	296.5	292.6
-55°	270.5	269.1	268.3	267.5	268.3	269.1	270.5	270.9	270.3	267.8	264.4
-57.5°	242.4	241.4	240.8	240.0	240.8	241.4	242.4	242.6	242.1	240.3	237.7
-60°	215.1	213.9	213.3	212.5	213.3	213.9	215.1	215.7	215.7	214.5	212.7
-62.5°	189.8	188.4	188.6	188.9	188.6	188.4	189.8	190.5	190.6	189.8	188.3
-65°	165.9	164.8	165.0	165.2	165.0	164.8	165.9	166.6	166.7	166.3	165.4
-67.5°	145.7	145.1	144.5	143.6	144.5	145.1	145.7	145.9	145.7	145.2	144.3
-70°	124.1	123.4	122.8	122.0	122.8	123.4	124.1	124.5	124.5	124.2	123.6
-72.5°	102.9	102.0	102.2	102.3	102.2	102.0	102.9	103.5	103.8	103.8	103.6
-75°	84.7	84.3	84.5	84.6	84.5	84.3	84.7	85.0	85.1	85.1	85.3
-77.5°	67.3	66.7	66.8	66.9	66.8	66.7	67.3	67.8	68.1	68.3	68.7
-80°	53.1	52.9	52.1	51.1	52.1	52.9	53.1	53.3	53.3	53.3	53.5
-82.5°	39.3	39.1	39.2	39.3	39.2	39.1	39.3	39.4	39.4	39.3	39.2
-85°	18.5	17.6	17.7	17.7	17.7	17.6	18.5	19.2	19.9	20.5	21.2
-87.5°	5.8	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.8	5.7	6.6
-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: P561410 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-WAF-BK

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°	12.0	12.3	12.5	12.7	12.8	12.8	12.9	13.3	13.6	13.8	13.9
85°	32.7	32.9	33.0	32.5	32.0	31.4	30.9	32.1	32.9	33.5	33.5
82.5°	56.4	57.0	57.3	57.8	57.9	57.4	56.6	57.2	57.6	57.8	57.6
80°	84.4	85.5	86.3	87.7	88.6	88.8	88.6	88.1	86.9	85.5	84.2
77.5°	119.6	121.2	122.4	124.2	125.0	124.9	124.1	123.5	122.8	121.2	117.8
75°	162.3	164.3	166.0	168.0	169.0	168.9	168.1	166.5	164.0	160.7	155.2
72.5°	212.9	215.2	216.8	218.2	218.4	218.3	217.1	214.3	210.0	203.9	195.7
70°	272.6	274.7	275.9	275.8	275.2	273.8	271.6	267.6	261.2	254.1	243.5
67.5°	341.7	342.7	343.5	343.2	341.7	337.9	333.7	327.1	320.2	311.3	296.1
65°	420.3	418.9	418.6	418.6	415.9	410.3	404.2	396.5	386.9	373.6	353.8
62.5°	512.7	507.7	508.1	506.9	501.3	491.9	482.4	472.6	459.4	441.5	420.2
60°	622.8	617.0	612.9	606.4	597.7	586.6	573.3	556.8	537.1	517.7	491.9
57.5°	744.5	738.6	728.8	715.7	699.6	687.4	671.6	649.2	625.6	601.6	570.4
55°	876.8	867.6	853.9	835.0	813.2	799.7	778.7	752.8	725.1	693.4	660.7
52.5°	1015.9	1004.9	987.9	964.0	943.7	925.7	896.9	867.4	836.6	802.7	759.4
50°	1169.5	1157.8	1135.1	1103.9	1089.1	1067.3	1036.2	995.1	965.0	924.3	871.1
47.5°	1348.4	1334.5	1304.7	1271.3	1256.7	1226.8	1190.9	1150.4	1115.4	1060.8	1000.4
45°	1562.4	1543.2	1505.5	1480.1	1452.9	1416.8	1364.2	1333.0	1283.7	1222.0	1141.6
42.5°	1824.3	1792.5	1747.3	1727.7	1688.4	1637.3	1581.8	1541.2	1478.6	1398.4	1304.1
40°	2140.5	2091.9	2052.7	2019.3	1969.7	1890.9	1841.3	1776.0	1699.5	1599.7	1465.4
37.5°	2511.8	2451.9	2413.2	2363.9	2292.7	2199.5	2121.2	2042.1	1941.5	1783.3	1627.1
35°	2937.8	2869.4	2802.4	2739.6	2646.5	2504.1	2408.1	2313.9	2166.6	1944.4	1773.5
32.5°	3396.9	3257.4	3176.5	3099.5	2921.9	2758.9	2653.2	2576.0	2298.2	2069.6	1895.0
30°	3664.7	3500.6	3414.2	3308.4	3069.4	2917.8	2838.7	2615.1	2364.4	2151.2	1984.4
27.5°	3644.3	3529.9	3447.7	3266.7	3089.7	2956.6	2804.4	2592.1	2370.9	2175.9	2021.5
25°	3461.8	3360.1	3258.2	3119.2	2976.0	2852.7	2693.7	2505.7	2315.9	2149.4	1980.6
22.5°	3225.2	3140.0	3043.8	2931.2	2813.6	2694.2	2552.6	2390.6	2232.2	2085.0	1922.1
20°	3013.2	2936.6	2845.9	2754.5	2656.6	2541.2	2407.2	2277.4	2154.6	2013.7	1857.1
17.5°	2828.0	2754.0	2685.5	2606.2	2507.8	2392.2	2302.1	2199.3	2077.7	1939.6	1787.4
15°	2666.5	2619.5	2555.3	2471.1	2386.1	2313.5	2227.3	2123.3	2000.0	1861.1	1721.7
12.5°	2571.0	2517.8	2443.8	2390.3	2325.6	2246.4	2154.1	2045.6	1929.2	1814.6	1692.3
10°	2502.7	2454.2	2401.6	2341.5	2269.2	2182.7	2093.0	1997.5	1892.7	1780.1	1658.8
7.5°	2469.7	2419.2	2360.6	2295.3	2221.2	2139.5	2051.2	1956.0	1851.2	1740.8	1621.1
5°	2431.6	2373.9	2310.4	2247.0	2174.2	2093.4	2005.3	1910.4	1804.7	1696.6	1578.7
2.5°	2367.7	2314.4	2254.1	2194.3	2123.9	2046.8	1959.1	1868.2	1765.6	1660.2	1546.5
0°	2311.5	2262.3	2205.2	2146.2	2077.4	2006.5	1914.1	1827.5	1727.2	1621.0	1508.8
-2.5°	2271.5	2223.5	2167.5	2107.3	2036.9	1958.7	1870.4	1779.8	1681.0	1573.2	1463.9
-5°	2218.6	2165.6	2106.1	2040.0	1969.3	1890.0	1805.0	1715.4	1621.0	1517.0	1413.3
-7.5°	2119.3	2077.0	2028.8	1963.8	1889.9	1808.3	1722.2	1632.2	1538.7	1438.7	1337.6
-10°	1995.0	1951.8	1905.5	1853.1	1791.9	1717.9	1631.7	1542.7	1450.8	1355.3	1257.3
-12.5°	1873.3	1831.6	1776.6	1729.8	1677.9	1611.7	1532.7	1448.0	1357.4	1267.0	1172.9
-15°	1758.1	1723.4	1674.7	1616.9	1560.9	1501.5	1429.3	1352.3	1265.7	1177.0	1085.0
-17.5°	1661.8	1618.5	1572.7	1519.6	1457.7	1388.6	1323.0	1251.5	1172.1	1089.5	1002.5
-20°	1557.7	1514.9	1465.4	1411.7	1351.9	1285.6	1218.0	1147.9	1075.1	999.8	921.1



REPORT NUMBER: P561410 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-WAF-BK

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1439.7	1397.3	1348.2	1294.8	1237.7	1176.6	1112.9	1045.4	974.8	908.8	840.3
-25°	1302.9	1263.5	1212.9	1165.3	1116.0	1061.8	1003.1	943.1	881.9	819.5	761.4
-27.5°	1149.5	1111.0	1070.0	1030.6	988.3	942.5	892.6	841.7	792.3	740.4	688.1
-30°	989.8	962.0	929.7	893.6	862.8	826.2	783.9	748.2	708.2	664.4	620.3
-32.5°	837.0	819.8	795.5	768.7	743.9	717.9	691.6	659.3	627.0	593.3	558.4
-35°	706.9	690.6	677.1	660.1	636.7	625.0	605.5	579.9	552.2	525.7	500.1
-37.5°	598.3	582.8	576.4	566.0	554.5	540.2	525.5	508.5	484.3	467.1	447.9
-40°	511.3	499.8	493.3	490.4	481.8	462.8	457.4	445.3	432.3	414.5	400.1
-42.5°	444.0	437.8	428.8	427.5	419.8	410.2	400.4	395.3	385.4	372.1	358.8
-45°	392.4	389.0	381.7	377.6	373.1	365.9	354.8	351.3	344.4	334.9	321.2
-47.5°	351.7	349.1	343.6	337.1	334.2	327.8	319.9	313.0	309.3	301.1	291.1
-50°	317.4	315.1	310.5	304.2	300.3	295.2	289.1	281.1	277.9	271.9	263.1
-52.5°	287.7	284.8	280.7	275.1	270.9	267.7	262.0	255.4	250.3	245.3	238.1
-55°	260.2	257.0	254.0	250.3	246.1	243.0	238.1	231.7	225.5	220.8	216.0
-57.5°	234.4	231.5	229.5	226.9	223.7	219.8	214.8	208.9	203.2	200.0	195.5
-60°	210.2	207.6	206.0	203.5	200.2	196.3	192.6	188.4	183.7	180.5	176.7
-62.5°	186.2	183.6	182.2	180.3	177.7	174.6	171.8	168.9	165.6	162.2	158.6
-65°	163.8	161.7	160.2	158.8	156.7	154.1	152.2	150.3	147.7	144.4	141.0
-67.5°	143.0	141.3	140.1	138.8	137.4	135.9	134.8	133.0	130.3	126.9	124.0
-70°	122.6	121.3	120.5	120.1	119.6	118.6	117.1	115.1	112.7	110.3	108.2
-72.5°	103.1	102.4	101.9	101.8	101.3	100.7	99.7	98.6	97.3	95.7	93.4
-75°	85.3	85.1	84.9	85.0	84.8	84.2	83.4	82.5	81.1	79.1	76.7
-77.5°	68.9	68.8	68.7	68.6	68.4	67.8	67.0	65.9	64.8	63.4	61.9
-80°	53.6	53.5	53.2	53.3	53.1	52.7	52.2	51.4	50.4	49.3	48.3
-82.5°	38.9	38.7	38.4	38.3	38.2	38.0	37.6	37.3	36.8	36.2	35.6
-85°	21.7	22.2	22.7	22.9	23.1	23.2	23.1	23.4	23.7	24.0	24.2
-87.5°	7.4	8.2	8.9	9.1	9.4	9.5	9.7	10.5	11.3	12.0	12.5
-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: P561410 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-WAF-BK

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°	13.3	12.7	12.0	11.3	10.8	10.3	9.8	9.1	8.3	7.4	6.5
85°	31.8	29.8	27.6	25.2	22.9	20.6	19.5	18.2	16.5	14.8	13.0
82.5°	55.1	52.5	49.7	46.5	42.9	39.2	35.4	31.5	27.0	22.5	19.4
80°	81.4	78.1	74.2	69.6	63.9	57.8	52.6	47.1	40.9	34.8	28.7
77.5°	112.2	106.2	100.0	94.4	87.9	80.7	72.8	63.8	54.7	47.0	39.2
75°	146.7	138.9	130.8	122.4	113.4	103.7	94.6	83.8	71.3	59.3	49.7
72.5°	186.3	175.7	163.9	151.6	141.1	129.8	117.6	103.5	88.6	74.4	60.7
70°	230.2	215.2	201.1	187.0	171.7	155.9	142.1	124.8	105.7	89.1	73.3
67.5°	278.2	261.9	243.6	223.8	205.8	187.3	167.4	146.0	124.4	103.6	85.6
65°	334.6	312.7	288.8	267.8	243.9	219.4	197.4	168.2	142.7	119.5	97.6
62.5°	395.1	367.7	342.1	314.3	286.3	257.6	226.4	193.3	161.3	134.9	110.3
60°	461.2	430.6	398.3	367.5	333.1	297.9	260.2	217.6	182.7	149.8	123.2
57.5°	537.3	496.9	464.0	425.2	384.9	343.1	293.9	245.2	203.4	167.1	135.4
55°	618.9	576.6	535.3	491.4	441.8	392.7	328.8	273.5	224.2	184.4	146.8
52.5°	711.4	664.0	615.9	562.6	507.0	440.8	366.8	300.2	247.6	200.9	159.9
50°	813.6	761.5	703.5	641.6	574.9	492.2	402.5	331.1	269.7	217.6	172.5
47.5°	930.9	869.4	800.8	725.1	650.8	539.6	442.4	360.7	290.2	235.6	184.2
45°	1065.7	985.9	905.3	820.1	710.2	588.4	481.1	388.0	314.3	250.9	194.9
42.5°	1205.5	1113.1	1018.3	917.0	770.6	634.7	516.0	418.4	336.6	264.7	205.9
40°	1353.0	1245.1	1135.3	996.2	825.6	676.5	553.1	446.5	356.7	278.3	216.7
37.5°	1496.6	1377.8	1258.2	1054.4	874.4	720.1	586.7	471.3	374.1	293.0	226.3
35°	1634.0	1507.4	1315.4	1104.2	918.9	757.0	616.2	494.9	392.0	305.9	234.6
32.5°	1757.8	1586.0	1355.1	1143.6	954.0	787.2	643.5	515.9	407.0	317.0	241.7
30°	1832.3	1603.6	1379.7	1170.3	980.2	813.1	665.8	533.0	419.1	326.3	248.2
27.5°	1818.4	1605.0	1388.3	1183.6	997.4	831.4	681.7	546.0	428.4	334.5	255.5
25°	1788.5	1584.6	1379.5	1184.1	1004.3	843.4	693.0	555.3	437.3	341.8	261.4
22.5°	1741.6	1550.1	1357.3	1172.5	1009.8	849.6	700.4	563.4	444.2	347.0	265.8
20°	1686.4	1504.5	1328.2	1170.4	1009.7	851.6	703.7	567.6	448.1	350.0	268.9
17.5°	1622.5	1467.5	1316.6	1161.5	1004.0	848.5	702.4	568.3	449.1	351.0	270.6
15°	1589.0	1447.4	1299.6	1147.4	993.2	840.6	696.7	565.4	447.3	350.1	271.6
12.5°	1560.9	1421.9	1277.5	1128.3	977.3	828.0	686.8	559.2	442.8	348.8	271.8
10°	1528.3	1391.1	1250.3	1104.2	956.7	810.9	672.9	550.8	439.6	347.0	270.8
7.5°	1491.1	1355.0	1218.2	1075.2	932.5	793.6	661.2	541.5	434.8	343.8	268.5
5°	1452.4	1320.6	1189.1	1050.0	910.4	776.5	647.5	529.4	428.0	339.3	265.2
2.5°	1423.2	1292.1	1160.4	1021.9	884.0	755.8	631.0	514.6	419.4	333.5	260.9
0°	1388.8	1259.0	1127.2	989.5	853.8	731.8	611.8	497.7	409.2	326.6	255.7
-2.5°	1343.0	1215.3	1086.5	955.1	825.8	707.0	592.6	484.4	399.1	320.0	251.6
-5°	1291.9	1166.9	1041.6	917.0	794.5	679.6	571.2	469.5	387.7	312.3	246.8
-7.5°	1224.6	1107.6	990.9	875.1	760.2	649.8	547.9	453.1	375.1	303.7	241.3
-10°	1150.2	1040.8	933.4	826.3	720.9	618.5	523.1	435.4	361.4	294.3	235.3
-12.5°	1071.9	971.5	873.5	775.6	679.4	586.0	498.5	417.6	347.2	284.2	228.6
-15°	989.9	900.6	811.7	723.6	636.7	552.5	473.1	399.4	333.9	274.1	221.5
-17.5°	907.6	828.5	748.4	670.8	593.1	518.3	447.0	380.5	320.0	264.2	214.4
-20°	839.7	763.2	684.7	617.6	549.2	483.8	420.7	361.0	305.7	253.9	207.3



REPORT NUMBER: P561410 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-WAF-BK

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	772.2	703.9	633.8	566.2	506.5	449.4	394.4	341.1	290.9	243.1	199.7
-25°	704.7	645.0	585.1	525.6	466.8	417.9	369.3	320.9	275.9	231.9	191.7
-27.5°	639.7	588.1	536.7	485.6	435.0	387.4	345.4	302.6	261.2	220.4	183.3
-30°	577.2	535.2	491.9	447.2	403.2	362.0	321.7	284.4	247.1	209.5	174.6
-32.5°	521.0	483.6	449.4	412.1	374.1	337.2	299.9	266.6	233.0	198.8	166.4
-35°	471.1	439.2	408.9	377.8	346.5	313.9	280.2	249.0	218.9	187.9	158.2
-37.5°	423.8	399.8	372.6	346.0	319.4	290.9	262.3	233.6	204.8	176.7	150.0
-40°	383.4	362.9	339.4	317.3	294.1	268.2	244.4	218.6	191.5	165.3	141.6
-42.5°	345.0	328.9	310.2	289.9	269.9	248.8	226.8	203.5	179.0	155.0	133.1
-45°	311.1	297.7	282.9	265.9	246.8	229.9	210.3	188.7	166.5	145.2	124.8
-47.5°	279.9	270.2	257.8	242.8	227.2	211.5	194.0	174.9	154.0	135.4	116.9
-50°	252.8	244.9	234.7	222.5	208.7	194.2	178.2	161.2	143.4	125.9	108.8
-52.5°	230.0	222.4	213.8	203.3	191.2	177.3	163.7	147.9	132.7	116.7	100.6
-55°	209.3	201.9	194.4	185.2	174.1	162.0	149.4	136.0	121.8	107.6	92.4
-57.5°	190.0	182.8	176.1	167.7	158.2	147.5	136.0	124.0	111.5	98.4	85.4
-60°	171.5	165.4	158.7	151.6	143.1	133.4	123.1	112.4	101.5	89.5	78.5
-62.5°	154.0	148.4	142.7	136.1	128.4	119.8	110.4	101.6	91.5	81.7	71.6
-65°	137.0	132.4	127.2	121.1	114.1	106.5	99.2	90.9	82.4	73.7	64.5
-67.5°	120.5	116.8	111.9	106.3	100.5	94.4	87.9	81.0	73.6	65.7	57.5
-70°	105.4	101.6	97.1	92.6	87.7	82.5	77.3	71.3	64.7	57.8	50.3
-72.5°	90.1	86.6	82.9	79.1	75.7	71.6	66.9	61.6	56.1	50.0	43.2
-75°	74.2	72.2	70.1	67.7	64.5	60.8	56.8	52.6	47.6	42.1	36.7
-77.5°	60.8	59.5	58.1	56.1	53.1	50.1	46.9	43.5	39.1	34.8	30.3
-80°	47.7	46.7	45.5	43.7	41.6	39.3	37.1	34.5	31.0	27.5	24.0
-82.5°	34.9	34.2	33.4	32.5	31.1	29.5	27.6	25.4	22.8	20.2	17.7
-85°	23.9	23.5	23.0	22.3	21.1	19.7	18.2	16.6	15.1	13.5	11.8
-87.5°	12.3	12.0	11.7	11.3	10.6	9.8	9.1	8.3	7.5	6.7	5.9
-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°	5.6	4.7	3.7	2.8	1.9	0.9	0.0
85°	11.2	9.3	7.5	5.6	3.8	1.9	0.0
82.5°	16.7	14.0	11.2	8.4	5.6	2.8	0.0
80°	22.7	18.6	14.9	11.2	7.5	3.7	0.0
77.5°	31.6	24.1	18.6	14.0	9.3	4.7	0.0
75°	40.4	31.2	22.6	16.7	11.2	5.6	0.0
72.5°	49.1	38.2	27.9	19.4	13.0	6.5	0.0
70°	57.8	45.0	33.2	22.3	14.8	7.4	0.0
67.5°	67.9	51.7	38.4	26.1	16.5	8.3	0.0
65°	77.7	58.8	43.4	29.7	18.2	9.1	0.0
62.5°	87.1	66.3	48.3	33.2	19.9	10.0	0.0
60°	96.2	73.6	53.0	36.7	21.6	10.8	0.0
57.5°	105.9	80.6	58.4	40.0	23.7	11.6	0.0
55°	115.3	87.2	63.5	43.3	25.8	12.4	0.0
52.5°	124.2	93.6	68.4	46.3	27.8	13.1	0.0
50°	132.5	100.4	73.1	49.3	29.7	13.9	0.0
47.5°	140.5	106.7	77.4	52.2	31.6	14.6	0.0
45°	149.6	112.6	81.5	55.3	33.3	15.3	0.0
42.5°	157.9	118.1	85.4	58.2	35.0	15.9	0.0
40°	165.4	123.1	89.2	60.8	36.5	16.5	0.0
37.5°	172.1	127.6	92.9	63.3	38.0	17.1	0.0
35°	178.1	132.3	96.2	65.6	39.4	17.7	0.0
32.5°	183.6	136.9	99.2	67.6	40.6	18.2	0.0
30°	189.1	140.8	101.9	69.5	41.8	18.7	0.0
27.5°	193.7	144.2	104.3	71.2	42.8	19.2	0.0
25°	197.4	147.0	106.5	72.7	43.7	19.6	0.0
22.5°	200.1	149.4	108.4	74.0	44.6	20.0	0.0
20°	202.0	151.7	110.0	75.0	45.3	20.3	0.0
17.5°	203.8	153.5	111.3	75.9	45.9	20.6	0.0
15°	205.4	154.9	112.3	76.6	46.4	20.9	0.0
12.5°	206.3	155.8	113.0	77.1	46.8	21.1	0.0
10°	206.4	156.2	113.4	77.4	47.1	21.3	0.0
7.5°	205.9	156.1	113.5	77.5	47.3	21.4	0.0
5°	204.8	155.6	113.3	77.4	47.3	21.5	0.0
2.5°	203.0	154.7	112.8	77.1	47.3	21.6	0.0
0°	200.7	153.4	112.1	76.7	47.2	21.6	0.0
-2.5°	198.0	151.7	111.3	76.4	47.1	21.6	0.0
-5°	194.9	149.6	110.2	75.9	46.8	21.5	0.0
-7.5°	191.2	147.1	108.9	75.2	46.5	21.4	0.0
-10°	187.0	144.4	107.3	74.3	46.1	21.3	0.0
-12.5°	182.4	141.3	105.5	73.4	45.6	21.1	0.0
-15°	177.4	137.9	103.4	72.2	45.0	20.9	0.0
-17.5°	172.0	134.3	101.2	70.9	44.3	20.6	0.0
-20°	166.4	130.4	98.8	69.5	43.5	20.3	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	161.0	126.4	96.1	67.9	42.6	20.0	0.0
-25°	155.2	122.4	93.3	66.2	41.7	19.6	0.0
-27.5°	149.2	118.3	90.4	64.4	40.7	19.2	0.0
-30°	142.9	113.9	87.2	62.4	39.6	18.7	0.0
-32.5°	136.4	109.4	84.1	60.3	38.4	18.2	0.0
-35°	130.3	104.6	80.8	58.2	37.2	17.7	0.0
-37.5°	124.2	99.8	77.3	55.8	35.9	17.1	0.0
-40°	117.9	95.2	73.7	53.4	34.5	16.5	0.0
-42.5°	111.4	90.5	70.2	50.9	33.1	15.9	0.0
-45°	104.8	85.7	66.7	48.3	31.6	15.3	0.0
-47.5°	97.9	80.8	63.1	45.6	30.0	14.6	0.0
-50°	91.8	75.8	59.4	43.1	28.4	13.9	0.0
-52.5°	85.8	70.7	55.6	40.7	26.8	13.1	0.0
-55°	79.7	65.8	51.7	38.1	25.1	12.4	0.0
-57.5°	73.6	60.8	47.7	35.5	23.4	11.6	0.0
-60°	67.4	55.7	43.6	32.9	21.6	10.8	0.0
-62.5°	61.3	50.6	40.0	30.2	19.9	10.0	0.0
-65°	55.1	45.3	36.4	27.4	18.2	9.1	0.0
-67.5°	48.8	40.4	32.7	24.6	16.5	8.3	0.0
-70°	42.4	35.8	29.0	21.8	14.8	7.4	0.0
-72.5°	36.9	31.2	25.2	19.1	13.0	6.5	0.0
-75°	31.4	26.6	21.4	16.4	11.2	5.6	0.0
-77.5°	25.9	21.9	17.8	13.7	9.3	4.7	0.0
-80°	20.4	17.4	14.3	11.0	7.5	3.7	0.0
-82.5°	15.3	13.1	10.7	8.3	5.6	2.8	0.0
-85°	10.2	8.7	7.2	5.5	3.8	1.9	0.0
-87.5°	5.1	4.4	3.6	2.8	1.9	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)