

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: P561406 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/30/2021

Test Information

Test Method: LM-79-08
Report Number: P561406 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2107-305-7)
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-NAT-BK
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (96) 1549K CCT, -21.5 CRI LEDS
Ballast/Driver: -

Summary

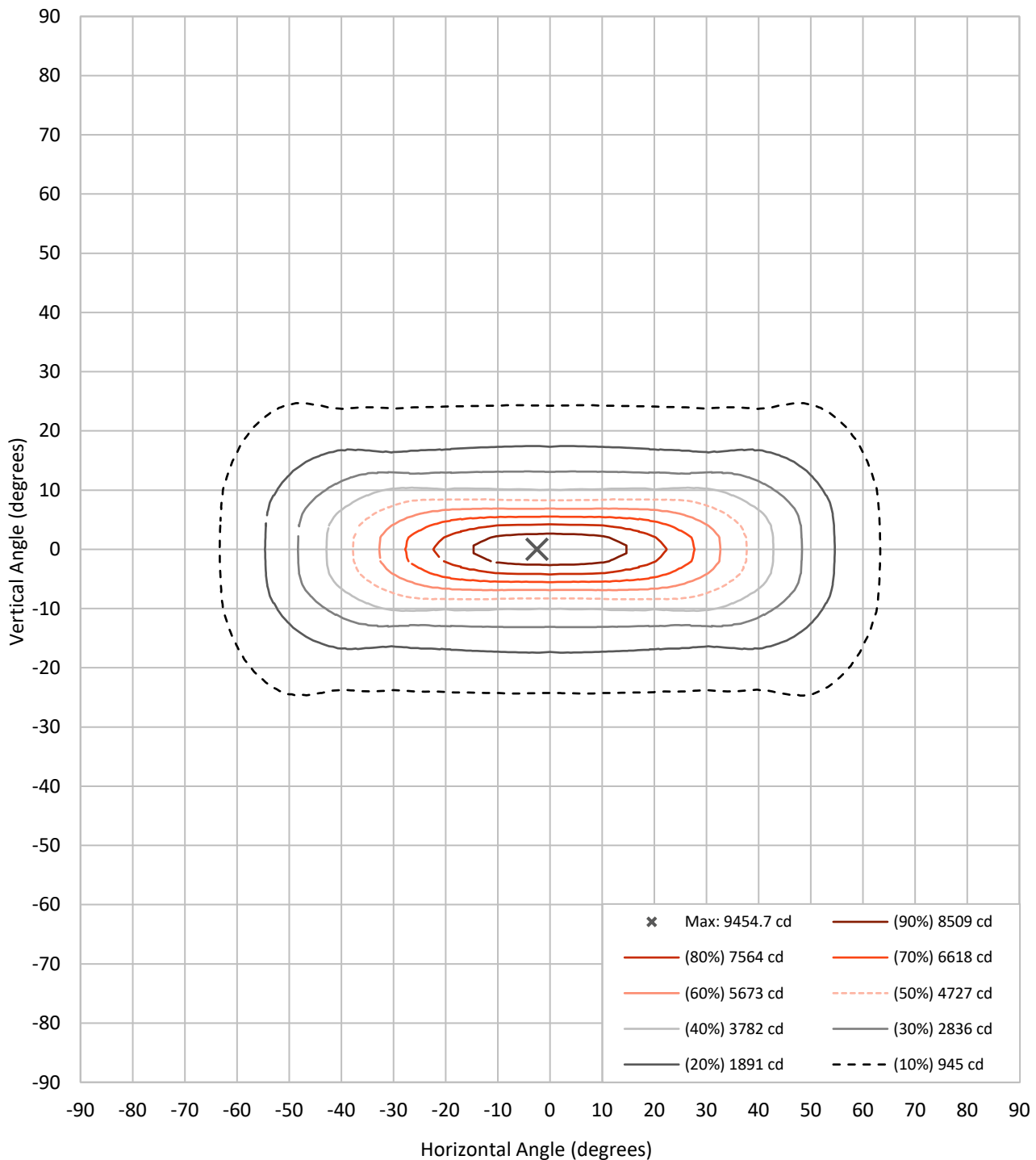
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	5931.9 lumens	Max Intensity:	9454.7 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	49.9 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	75.5°H x 16.6°V	Field Angle (10%):	126.6°H x 48.5°V
Beam Lumens:	2092.4 lumens	Field Lumens:	4778.5 lumens
Beam Efficiency:	35.3%	Field Efficiency:	80.6%

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

Iso-Candela Plot





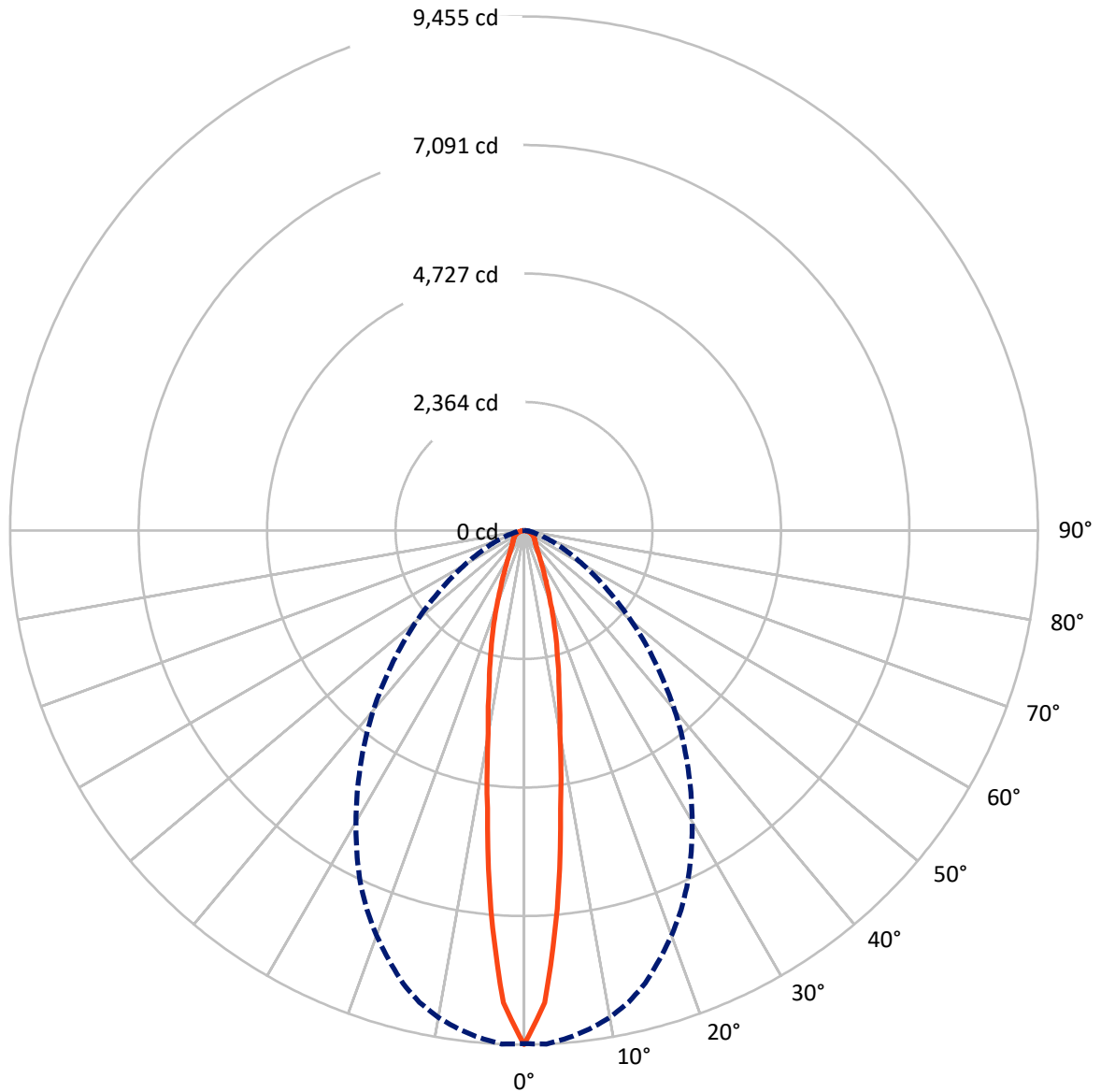
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Lumen Table

90	0.4	2.2	4.3	6.0	6.6	6.0	4.3	2.2	0.4							
80	0.4	2.2	4.3	6.0	6.6	6.0	4.3	2.2	0.4							
70	1.4	1.3	2.2	2.9	3.5	4.1	4.7	5.0	5.0	4.7	4.1	3.5	2.9	2.2	1.3	1.4
60		2.1	3.4	4.5	5.2	5.9	6.5	6.8	6.8	6.5	5.9	5.2	4.5	3.4	2.1	
50	2.8	3.1	5.1	6.6	7.4	8.0	8.6	8.8	8.8	8.6	8.0	7.4	6.6	5.1	3.1	2.8
40		4.6	8.2	10.3	11.6	12.5	13.1	13.3	13.3	13.1	12.5	11.6	10.3	8.2	4.6	
30	4.4	6.7	14.3	19.8	22.4	24.9	27.0	28.1	28.1	27.0	24.9	22.4	19.8	14.3	6.7	4.4
20		9.2	23.4	42.3	57.6	65.3	71.2	74.3	74.3	71.2	65.3	57.6	42.3	23.4	9.2	
10	5.1	10.7	31.8	68.9	116.1	161.9	193.2	207.5	207.5	193.2	161.9	116.1	68.9	31.8	10.7	5.1
0		10.7	31.8	68.9	116.1	161.9	193.2	207.5	207.5	193.2	161.9	116.1	68.9	31.8	10.7	
-10	4.4	9.2	23.4	42.3	57.6	65.3	71.2	74.3	74.3	71.2	65.3	57.6	42.3	23.4	9.2	4.4
-20		6.7	14.3	19.8	22.4	24.9	27.0	28.1	28.1	27.0	24.9	22.4	19.8	14.3	6.7	
-30	2.8	4.6	8.2	10.3	11.6	12.5	13.1	13.3	13.3	13.1	12.5	11.6	10.3	8.2	4.6	2.8
-40		3.1	5.1	6.6	7.4	8.0	8.6	8.8	8.8	8.6	8.0	7.4	6.6	5.1	3.1	
-50	1.4	2.1	3.4	4.5	5.2	5.9	6.5	6.8	6.8	6.5	5.9	5.2	4.5	3.4	2.1	1.4
-60		1.3	2.2	2.9	3.5	4.1	4.7	5.0	5.0	4.7	4.1	3.5	2.9	2.2	1.3	
-70	0.4	0.4	2.2	4.3	6.0	6.6	6.0	4.3	2.2	0.4	0.4					
-80		0.4	2.2	4.3	6.0	6.6	6.0	4.3	2.2	0.4						
-90	0.4	2.2	4.3	6.0	6.6	6.0	4.3	2.2	0.4							

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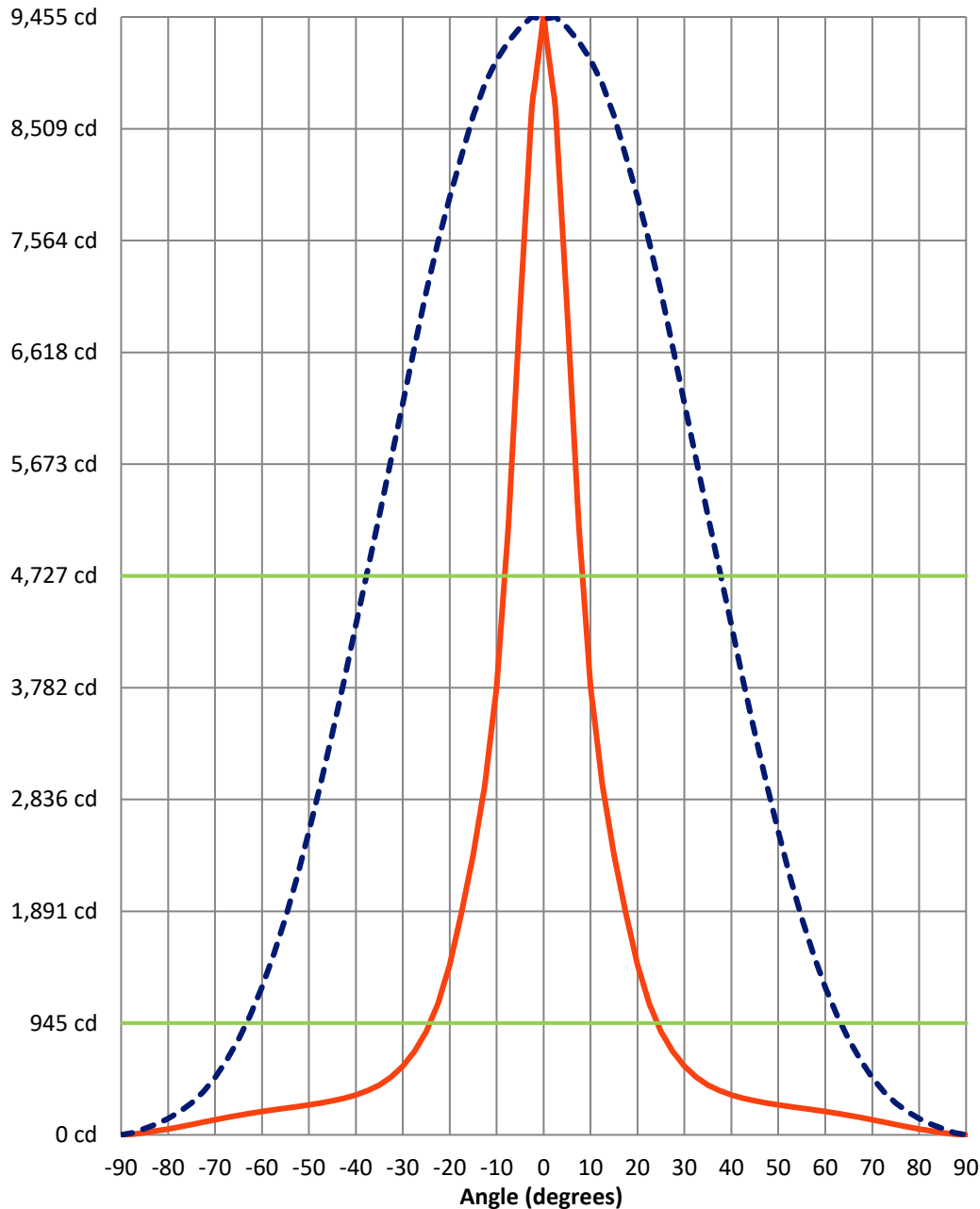
Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 75.5°
 V Angle: 16.6°
 Lumens: 2092.4
 Efficiency: 35.3%

Field:
 H Angle: 126.6°
 V Angle: 48.5°
 Lumens: 4778.5
 Efficiency: 80.6%

Spill:
 Lumens: 1153.3
 Efficiency: 19.4%

— Vertical Distribution through -2.5-Deg
 - - - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.8	1.5	2.2	2.9	3.5	4.1	4.6	5.0	5.5	5.8
85°	0.0	1.5	3.1	4.5	5.8	7.0	8.1	9.2	10.1	10.9	11.7
82.5°	0.0	2.3	4.6	6.7	8.7	10.5	12.2	13.7	15.3	17.6	19.6
80°	0.0	3.1	6.1	8.9	11.6	14.0	16.5	20.1	23.4	26.2	28.7
77.5°	0.0	3.8	7.7	11.2	14.4	18.3	23.1	27.5	31.4	34.9	38.3
75°	0.0	4.6	9.2	13.4	17.7	24.2	29.7	34.8	39.6	44.8	49.2
72.5°	0.0	5.3	10.6	15.5	22.7	30.1	36.3	42.6	49.4	55.2	60.1
70°	0.0	6.1	12.1	18.0	27.7	36.0	43.2	51.5	59.1	65.7	71.9
67.5°	0.0	6.8	13.5	21.9	32.6	41.8	51.2	60.4	68.8	77.4	84.1
65°	0.0	7.5	14.9	25.8	37.5	48.3	59.3	69.2	80.0	89.2	97.1
62.5°	0.0	8.2	16.3	29.6	42.4	55.3	67.3	79.1	91.3	101.6	112.0
60°	0.0	8.8	17.7	33.4	47.3	62.2	75.4	89.5	102.6	115.8	127.0
57.5°	0.0	9.5	20.2	37.1	52.9	69.1	84.6	99.9	115.4	130.1	143.0
55°	0.0	10.2	22.6	40.8	58.5	75.9	94.0	110.5	128.6	144.8	159.7
52.5°	0.0	10.8	25.0	44.4	64.0	82.9	103.3	122.5	141.8	161.0	177.0
50°	0.0	11.4	27.3	47.9	69.5	90.8	112.6	134.7	155.6	177.6	197.0
47.5°	0.0	12.0	29.6	51.5	74.8	98.5	122.0	147.0	170.9	194.5	218.1
45°	0.0	12.5	31.7	55.4	80.0	106.2	132.6	159.3	187.0	214.7	240.2
42.5°	0.0	13.0	33.8	59.2	85.1	113.7	143.1	172.7	203.4	235.4	266.1
40°	0.0	13.6	35.8	62.8	90.5	121.1	153.5	187.1	221.0	256.9	293.7
37.5°	0.0	14.0	37.7	66.1	96.2	128.3	163.8	201.4	241.1	281.1	322.5
35°	0.0	14.5	39.5	69.2	101.7	136.1	173.9	215.6	261.6	308.4	353.2
32.5°	0.0	14.9	41.3	72.1	107.0	144.1	184.3	229.8	282.3	336.3	388.4
30°	0.0	15.3	42.9	74.8	112.1	151.8	195.7	244.5	303.2	364.7	425.6
27.5°	0.0	15.7	44.4	77.3	116.2	159.2	206.8	261.6	325.3	393.4	464.4
25°	0.0	16.0	45.8	79.6	119.9	166.4	217.6	278.3	348.9	424.7	504.9
22.5°	0.0	16.4	47.0	81.7	123.2	172.7	228.1	294.8	372.2	457.7	550.5
20°	0.0	16.6	48.2	83.5	126.2	177.4	238.1	310.8	395.1	490.8	596.6
17.5°	0.0	16.9	49.3	85.2	128.9	181.7	245.7	326.3	417.5	523.8	642.9
15°	0.0	17.1	50.2	86.6	131.2	185.4	251.4	338.4	439.0	556.4	688.9
12.5°	0.0	17.3	51.0	87.8	133.2	188.6	256.4	345.9	454.1	588.2	734.1
10°	0.0	17.4	51.7	88.8	134.8	191.3	260.7	352.2	463.5	603.9	769.3
7.5°	0.0	17.5	52.2	89.5	136.1	193.5	264.1	357.1	471.2	615.2	783.8
5°	0.0	17.6	52.7	90.1	137.0	195.1	266.7	360.7	477.2	623.9	794.8
2.5°	0.0	17.7	52.9	90.4	137.5	196.2	268.5	362.9	481.4	629.9	802.4
0°	0.0	17.7	53.1	90.5	137.7	196.7	269.5	363.9	483.8	633.3	806.4
-2.5°	0.0	17.7	52.9	90.4	137.5	196.2	268.5	362.9	481.4	629.9	802.4
-5°	0.0	17.6	52.7	90.1	137.0	195.1	266.7	360.7	477.2	623.9	794.8
-7.5°	0.0	17.5	52.2	89.5	136.1	193.5	264.1	357.1	471.2	615.2	783.8
-10°	0.0	17.4	51.7	88.8	134.8	191.3	260.7	352.2	463.5	603.9	769.3
-12.5°	0.0	17.3	51.0	87.8	133.2	188.6	256.4	345.9	454.1	588.2	734.1
-15°	0.0	17.1	50.2	86.6	131.2	185.4	251.4	338.4	439.0	556.4	688.9
-17.5°	0.0	16.9	49.3	85.2	128.9	181.7	245.7	326.3	417.5	523.8	642.9
-20°	0.0	16.6	48.2	83.5	126.2	177.4	238.1	310.8	395.1	490.8	596.6



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

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	16.4	47.0	81.7	123.2	172.7	228.1	294.8	372.2	457.7	550.5
-25°	0.0	16.0	45.8	79.6	119.9	166.4	217.6	278.3	348.9	424.7	504.9
-27.5°	0.0	15.7	44.4	77.3	116.2	159.2	206.8	261.6	325.3	393.4	464.4
-30°	0.0	15.3	42.9	74.8	112.1	151.8	195.7	244.5	303.2	364.7	425.6
-32.5°	0.0	14.9	41.3	72.1	107.0	144.1	184.3	229.8	282.3	336.3	388.4
-35°	0.0	14.5	39.5	69.2	101.7	136.1	173.9	215.6	261.6	308.4	353.2
-37.5°	0.0	14.0	37.7	66.1	96.2	128.3	163.8	201.4	241.1	281.1	322.5
-40°	0.0	13.6	35.8	62.8	90.5	121.1	153.5	187.1	221.0	256.9	293.7
-42.5°	0.0	13.0	33.8	59.2	85.1	113.7	143.1	172.7	203.4	235.4	266.1
-45°	0.0	12.5	31.7	55.4	80.0	106.2	132.6	159.3	187.0	214.7	240.2
-47.5°	0.0	12.0	29.6	51.5	74.8	98.5	122.0	147.0	170.9	194.5	218.1
-50°	0.0	11.4	27.3	47.9	69.5	90.8	112.6	134.7	155.6	177.6	197.0
-52.5°	0.0	10.8	25.0	44.4	64.0	82.9	103.3	122.5	141.8	161.0	177.0
-55°	0.0	10.2	22.6	40.8	58.5	75.9	94.0	110.5	128.6	144.8	159.7
-57.5°	0.0	9.5	20.2	37.1	52.9	69.1	84.6	99.9	115.4	130.1	143.0
-60°	0.0	8.8	17.7	33.4	47.3	62.2	75.4	89.5	102.6	115.8	127.0
-62.5°	0.0	8.2	16.3	29.6	42.4	55.3	67.3	79.1	91.3	101.6	112.0
-65°	0.0	7.5	14.9	25.8	37.5	48.3	59.3	69.2	80.0	89.2	97.1
-67.5°	0.0	6.8	13.5	21.9	32.6	41.8	51.2	60.4	68.8	77.4	84.1
-70°	0.0	6.1	12.1	18.0	27.7	36.0	43.2	51.5	59.1	65.7	71.9
-72.5°	0.0	5.3	10.6	15.5	22.7	30.1	36.3	42.6	49.4	55.2	60.1
-75°	0.0	4.6	9.2	13.4	17.7	24.2	29.7	34.8	39.6	44.8	49.2
-77.5°	0.0	3.8	7.7	11.2	14.4	18.3	23.1	27.5	31.4	34.9	38.3
-80°	0.0	3.1	6.1	8.9	11.6	14.0	16.5	20.1	23.4	26.2	28.7
-82.5°	0.0	2.3	4.6	6.7	8.7	10.5	12.2	13.7	15.3	17.6	19.6
-85°	0.0	1.5	3.1	4.5	5.8	7.0	8.1	9.2	10.1	10.9	11.7
-87.5°	0.0	0.8	1.5	2.2	2.9	3.5	4.1	4.6	5.0	5.5	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: P561406 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-NAT-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°	6.1	6.4	6.6	6.8	7.2	7.6	8.0	8.3	8.3	8.3	8.2
85°	12.3	12.8	13.7	14.4	15.4	16.3	17.0	17.5	17.9	18.2	18.4
82.5°	21.3	22.6	23.8	24.6	25.6	26.5	27.1	27.8	28.8	29.6	30.3
80°	30.8	32.5	34.4	36.0	37.6	38.9	39.8	40.4	41.5	42.6	43.8
77.5°	41.6	44.4	46.7	48.5	50.3	52.1	53.4	54.2	55.8	57.6	59.3
75°	53.0	56.3	59.4	62.0	64.3	66.2	67.6	68.5	70.1	72.2	74.0
72.5°	64.8	69.1	72.8	75.8	78.7	81.1	82.6	83.2	84.5	87.0	88.9
70°	77.1	82.1	87.1	91.1	94.0	96.6	98.5	99.3	100.1	102.6	104.7
67.5°	89.9	97.0	102.7	106.9	110.3	113.4	115.2	115.9	116.0	118.8	121.1
65°	104.8	112.5	118.7	123.7	127.3	130.0	131.8	132.6	132.5	135.1	137.6
62.5°	120.0	128.3	135.2	140.6	143.9	146.5	148.9	150.1	149.8	151.3	153.7
60°	136.0	144.3	152.1	157.7	161.2	164.1	166.9	168.3	167.8	167.7	170.3
57.5°	152.7	160.8	169.4	175.9	180.4	182.4	186.0	187.5	186.8	184.5	187.5
55°	170.6	177.9	187.8	195.7	200.8	203.2	206.0	207.5	206.7	204.5	205.7
52.5°	190.5	197.4	207.7	216.8	223.2	225.8	226.8	228.8	228.9	226.5	224.8
50°	211.6	221.3	228.5	239.8	247.0	249.9	248.9	251.9	251.9	249.4	245.1
47.5°	236.2	247.5	251.4	263.9	272.3	276.6	276.1	275.3	275.5	274.6	270.8
45°	263.2	277.4	281.9	289.6	299.8	305.7	305.5	299.2	302.0	301.9	298.5
42.5°	291.9	310.4	318.5	316.4	329.7	337.3	337.9	332.9	330.6	332.0	329.9
40°	324.3	346.1	360.1	358.4	361.7	371.7	376.3	373.3	362.2	365.7	365.2
37.5°	358.8	388.3	407.2	411.8	396.7	410.8	418.9	421.7	412.5	402.8	406.6
35°	395.0	434.0	462.1	474.0	464.9	454.4	470.1	476.8	471.4	455.8	454.4
32.5°	435.9	483.0	522.4	545.2	548.6	527.4	526.7	539.4	541.8	532.2	510.9
30°	482.6	539.4	589.0	624.2	644.1	640.3	605.9	609.5	621.8	624.5	613.0
27.5°	534.5	600.0	663.5	715.2	751.8	767.3	752.6	701.7	715.1	729.5	732.0
25°	588.6	670.2	743.0	815.7	874.1	911.5	920.4	895.9	834.2	852.2	872.3
22.5°	646.8	743.7	835.8	923.2	1005.9	1071.1	1111.1	1121.9	1096.4	1024.4	1030.5
20°	708.8	824.2	937.4	1049.2	1149.0	1243.7	1318.9	1373.8	1394.0	1373.0	1302.2
17.5°	771.6	906.7	1045.0	1185.4	1319.5	1440.3	1543.5	1647.8	1719.2	1759.7	1756.5
15°	834.7	990.5	1155.0	1326.6	1499.3	1662.5	1812.3	1951.6	2074.9	2183.2	2254.1
12.5°	897.3	1074.5	1265.8	1470.9	1684.6	1892.4	2097.3	2293.0	2472.7	2643.2	2797.0
10°	958.6	1157.6	1376.1	1616.1	1872.6	2126.7	2388.6	2643.2	2888.1	3126.2	3352.9
7.5°	982.5	1210.6	1471.9	1759.8	2060.2	2361.5	2681.7	2996.9	3306.6	3613.1	3910.4
5°	996.6	1229.2	1496.7	1803.1	2150.1	2517.9	2924.2	3345.9	3722.2	4097.0	4464.8
2.5°	1006.1	1242.0	1514.2	1822.9	2171.6	2548.0	2954.4	3380.6	3821.1	4281.7	4743.7
0°	1011.0	1249.0	1524.3	1833.1	2181.2	2564.8	2968.0	3396.8	3841.3	4311.3	4773.5
-2.5°	1006.1	1242.0	1514.2	1822.9	2171.6	2548.0	2954.4	3380.6	3821.1	4281.7	4743.7
-5°	996.6	1229.2	1496.7	1803.1	2150.1	2517.9	2924.2	3345.9	3722.2	4097.0	4464.8
-7.5°	982.5	1210.6	1471.9	1759.8	2060.2	2361.5	2681.7	2996.9	3306.6	3613.1	3910.4
-10°	958.6	1157.6	1376.1	1616.1	1872.6	2126.7	2388.6	2643.2	2888.1	3126.2	3352.9
-12.5°	897.3	1074.5	1265.8	1470.9	1684.6	1892.4	2097.3	2293.0	2472.7	2643.2	2797.0
-15°	834.7	990.5	1155.0	1326.6	1499.3	1662.5	1812.3	1951.6	2074.9	2183.2	2254.1
-17.5°	771.6	906.7	1045.0	1185.4	1319.5	1440.3	1543.5	1647.8	1719.2	1759.7	1756.5
-20°	708.8	824.2	937.4	1049.2	1149.0	1243.7	1318.9	1373.8	1394.0	1373.0	1302.2



REPORT NUMBER: P561406 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-NAT-BK

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	646.8	743.7	835.8	923.2	1005.9	1071.1	1111.1	1121.9	1096.4	1024.4	1030.5
-25°	588.6	670.2	743.0	815.7	874.1	911.5	920.4	895.9	834.2	852.2	872.3
-27.5°	534.5	600.0	663.5	715.2	751.8	767.3	752.6	701.7	715.1	729.5	732.0
-30°	482.6	539.4	589.0	624.2	644.1	640.3	605.9	609.5	621.8	624.5	613.0
-32.5°	435.9	483.0	522.4	545.2	548.6	527.4	526.7	539.4	541.8	532.2	510.9
-35°	395.0	434.0	462.1	474.0	464.9	454.4	470.1	476.8	471.4	455.8	454.4
-37.5°	358.8	388.3	407.2	411.8	396.7	410.8	418.9	421.7	412.5	402.8	406.6
-40°	324.3	346.1	360.1	358.4	361.7	371.7	376.3	373.3	362.2	365.7	365.2
-42.5°	291.9	310.4	318.5	316.4	329.7	337.3	337.9	332.9	330.6	332.0	329.9
-45°	263.2	277.4	281.9	289.6	299.8	305.7	305.5	299.2	302.0	301.9	298.5
-47.5°	236.2	247.5	251.4	263.9	272.3	276.6	276.1	275.3	275.5	274.6	270.8
-50°	211.6	221.3	228.5	239.8	247.0	249.9	248.9	251.9	251.9	249.4	245.1
-52.5°	190.5	197.4	207.7	216.8	223.2	225.8	226.8	228.8	228.9	226.5	224.8
-55°	170.6	177.9	187.8	195.7	200.8	203.2	206.0	207.5	206.7	204.5	205.7
-57.5°	152.7	160.8	169.4	175.9	180.4	182.4	186.0	187.5	186.8	184.5	187.5
-60°	136.0	144.3	152.1	157.7	161.2	164.1	166.9	168.3	167.8	167.7	170.3
-62.5°	120.0	128.3	135.2	140.6	143.9	146.5	148.9	150.1	149.8	151.3	153.7
-65°	104.8	112.5	118.7	123.7	127.3	130.0	131.8	132.6	132.5	135.1	137.6
-67.5°	89.9	97.0	102.7	106.9	110.3	113.4	115.2	115.9	116.0	118.8	121.1
-70°	77.1	82.1	87.1	91.1	94.0	96.6	98.5	99.3	100.1	102.6	104.7
-72.5°	64.8	69.1	72.8	75.8	78.7	81.1	82.6	83.2	84.5	87.0	88.9
-75°	53.0	56.3	59.4	62.0	64.3	66.2	67.6	68.5	70.1	72.2	74.0
-77.5°	41.6	44.4	46.7	48.5	50.3	52.1	53.4	54.2	55.8	57.6	59.3
-80°	30.8	32.5	34.4	36.0	37.6	38.9	39.8	40.4	41.5	42.6	43.8
-82.5°	21.3	22.6	23.8	24.6	25.6	26.5	27.1	27.8	28.8	29.6	30.3
-85°	12.3	12.8	13.7	14.4	15.4	16.3	17.0	17.5	17.9	18.2	18.4
-87.5°	6.1	6.4	6.6	6.8	7.2	7.6	8.0	8.3	8.3	8.3	8.2
-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: P561406 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-NAT-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°	8.0	7.9	7.7	7.4	7.2	7.3	7.4	7.5	7.6	7.2	6.8
85°	18.6	18.8	18.9	19.0	19.0	19.1	19.1	19.0	18.9	18.6	18.3
82.5°	30.8	31.7	32.6	33.5	34.3	34.4	34.4	34.2	33.8	34.2	34.6
80°	44.8	46.3	47.5	48.5	49.2	49.4	49.4	49.3	49.0	49.2	49.3
77.5°	60.8	61.9	63.0	63.9	64.6	65.4	66.2	66.9	67.5	68.0	68.3
75°	75.4	76.9	78.4	80.0	81.4	82.9	84.3	85.5	86.5	87.2	87.7
72.5°	90.3	91.9	94.4	96.6	98.5	100.2	102.1	103.8	105.3	106.4	107.1
70°	106.2	108.0	110.7	113.0	115.0	117.4	119.9	122.2	124.2	125.6	126.4
67.5°	122.8	124.4	127.5	130.3	132.8	135.4	138.3	140.9	143.1	144.8	145.8
65°	139.3	140.1	143.4	146.8	150.1	152.9	155.9	158.5	160.8	162.5	163.5
62.5°	155.1	155.9	159.3	163.1	166.4	168.8	171.8	174.8	177.5	179.7	180.9
60°	172.2	173.3	175.2	178.5	181.2	183.3	186.6	189.7	192.3	194.3	195.8
57.5°	189.5	189.9	190.2	193.9	196.6	198.3	201.0	204.3	206.9	209.0	210.4
55°	207.5	208.1	207.3	210.1	212.6	214.6	216.9	219.6	221.6	223.0	224.3
52.5°	226.7	227.0	225.0	225.9	228.8	230.4	231.3	234.2	236.3	237.7	238.9
50°	247.1	246.9	244.8	242.9	245.9	247.7	248.1	250.3	251.9	252.4	252.9
47.5°	268.9	268.6	266.9	262.7	265.1	266.9	266.3	266.7	268.6	269.5	270.1
45°	292.5	293.7	292.1	288.7	287.6	289.0	288.3	287.2	289.4	289.9	289.4
42.5°	324.0	321.6	320.9	318.1	313.1	314.7	314.5	311.5	313.4	313.7	312.6
40°	361.3	352.3	354.1	352.0	346.4	344.6	345.7	342.6	342.5	343.9	342.0
37.5°	404.9	397.0	393.5	393.4	389.2	382.2	384.9	383.5	380.3	382.0	379.6
35°	457.3	454.6	441.9	444.2	442.3	435.2	435.0	435.2	427.2	430.4	428.5
32.5°	521.1	522.4	514.5	507.0	510.1	506.9	497.0	502.4	496.4	495.4	496.1
30°	593.5	602.4	605.3	595.3	594.6	596.3	589.0	590.8	590.8	585.1	589.3
27.5°	715.0	699.8	713.4	715.3	700.0	705.8	712.9	702.1	713.8	703.2	712.5
25°	873.0	853.6	843.8	864.6	863.2	853.6	873.3	868.0	875.0	873.6	876.7
22.5°	1061.5	1070.3	1049.9	1044.8	1077.9	1080.8	1074.3	1097.1	1085.3	1106.0	1099.1
20°	1274.8	1317.5	1342.2	1336.0	1336.4	1369.2	1373.4	1392.6	1403.9	1415.0	1421.5
17.5°	1699.4	1609.3	1679.7	1721.8	1724.3	1723.0	1773.6	1780.9	1807.7	1822.5	1841.0
15°	2279.2	2248.2	2156.1	2164.7	2237.3	2259.0	2222.4	2287.6	2301.8	2335.2	2334.6
12.5°	2912.3	2978.2	2987.6	2930.8	2812.2	2918.4	2963.2	2902.0	2959.4	2938.4	2971.6
10°	3564.6	3755.0	3877.7	3940.6	3942.5	3887.8	3826.0	3909.0	3877.1	3886.8	3832.8
7.5°	4193.2	4460.9	4710.0	4941.2	5116.9	5193.0	5220.7	5210.9	5216.5	5247.0	5196.0
5°	4817.6	5154.4	5468.5	5766.9	6043.6	6307.5	6559.2	6766.7	6832.6	6895.2	6971.6
2.5°	5204.5	5665.1	6109.3	6545.3	6909.9	7226.3	7524.4	7795.2	8038.1	8283.7	8514.6
0°	5235.8	5711.7	6185.7	6663.7	7129.8	7550.7	7930.3	8278.5	8618.7	8888.2	9092.8
-2.5°	5204.5	5665.1	6109.3	6545.3	6909.9	7226.3	7524.4	7795.2	8038.1	8283.7	8514.6
-5°	4817.6	5154.4	5468.5	5766.9	6043.6	6307.5	6559.2	6766.7	6832.6	6895.2	6971.6
-7.5°	4193.2	4460.9	4710.0	4941.2	5116.9	5193.0	5220.7	5210.9	5216.5	5247.0	5196.0
-10°	3564.6	3755.0	3877.7	3940.6	3942.5	3887.8	3826.0	3909.0	3877.1	3886.8	3832.8
-12.5°	2912.3	2978.2	2987.6	2930.8	2812.2	2918.4	2963.2	2902.0	2959.4	2938.4	2971.6
-15°	2279.2	2248.2	2156.1	2164.7	2237.3	2259.0	2222.4	2287.6	2301.8	2335.2	2334.6
-17.5°	1699.4	1609.3	1679.7	1721.8	1724.3	1723.0	1773.6	1780.9	1807.7	1822.5	1841.0
-20°	1274.8	1317.5	1342.2	1336.0	1336.4	1369.2	1373.4	1392.6	1403.9	1415.0	1421.5



REPORT NUMBER: P561406 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-NAT-BK

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1061.5	1070.3	1049.9	1044.8	1077.9	1080.8	1074.3	1097.1	1085.3	1106.0	1099.1
-25°	873.0	853.6	843.8	864.6	863.2	853.6	873.3	868.0	875.0	873.6	876.7
-27.5°	715.0	699.8	713.4	715.3	700.0	705.8	712.9	702.1	713.8	703.2	712.5
-30°	593.5	602.4	605.3	595.3	594.6	596.3	589.0	590.8	590.8	585.1	589.3
-32.5°	521.1	522.4	514.5	507.0	510.1	506.9	497.0	502.4	496.4	495.4	496.1
-35°	457.3	454.6	441.9	444.2	442.3	435.2	435.0	435.2	427.2	430.4	428.5
-37.5°	404.9	397.0	393.5	393.4	389.2	382.2	384.9	383.5	380.3	382.0	379.6
-40°	361.3	352.3	354.1	352.0	346.4	344.6	345.7	342.6	342.5	343.9	342.0
-42.5°	324.0	321.6	320.9	318.1	313.1	314.7	314.5	311.5	313.4	313.7	312.6
-45°	292.5	293.7	292.1	288.7	287.6	289.0	288.3	287.2	289.4	289.9	289.4
-47.5°	268.9	268.6	266.9	262.7	265.1	266.9	266.3	266.7	268.6	269.5	270.1
-50°	247.1	246.9	244.8	242.9	245.9	247.7	248.1	250.3	251.9	252.4	252.9
-52.5°	226.7	227.0	225.0	225.9	228.8	230.4	231.3	234.2	236.3	237.7	238.9
-55°	207.5	208.1	207.3	210.1	212.6	214.6	216.9	219.6	221.6	223.0	224.3
-57.5°	189.5	189.9	190.2	193.9	196.6	198.3	201.0	204.3	206.9	209.0	210.4
-60°	172.2	173.3	175.2	178.5	181.2	183.3	186.6	189.7	192.3	194.3	195.8
-62.5°	155.1	155.9	159.3	163.1	166.4	168.8	171.8	174.8	177.5	179.7	180.9
-65°	139.3	140.1	143.4	146.8	150.1	152.9	155.9	158.5	160.8	162.5	163.5
-67.5°	122.8	124.4	127.5	130.3	132.8	135.4	138.3	140.9	143.1	144.8	145.8
-70°	106.2	108.0	110.7	113.0	115.0	117.4	119.9	122.2	124.2	125.6	126.4
-72.5°	90.3	91.9	94.4	96.6	98.5	100.2	102.1	103.8	105.3	106.4	107.1
-75°	75.4	76.9	78.4	80.0	81.4	82.9	84.3	85.5	86.5	87.2	87.7
-77.5°	60.8	61.9	63.0	63.9	64.6	65.4	66.2	66.9	67.5	68.0	68.3
-80°	44.8	46.3	47.5	48.5	49.2	49.4	49.4	49.3	49.0	49.2	49.3
-82.5°	30.8	31.7	32.6	33.5	34.3	34.4	34.4	34.2	33.8	34.2	34.6
-85°	18.6	18.8	18.9	19.0	19.0	19.1	19.1	19.0	18.9	18.6	18.3
-87.5°	8.0	7.9	7.7	7.4	7.2	7.3	7.4	7.5	7.6	7.2	6.8
-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: P561406 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-NAT-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°	6.3	5.9	5.9	5.9	5.9	5.9	6.3	6.8	7.2	7.6	7.5
85°	18.0	17.6	17.7	17.7	17.7	17.6	18.0	18.3	18.6	18.9	19.0
82.5°	35.0	35.2	34.4	33.4	34.4	35.2	35.0	34.6	34.2	33.8	34.2
80°	49.2	49.0	49.1	49.2	49.1	49.0	49.2	49.3	49.2	49.0	49.3
77.5°	68.5	68.4	67.8	66.9	67.8	68.4	68.5	68.3	68.0	67.5	66.9
75°	88.0	88.1	87.4	86.5	87.4	88.1	88.0	87.7	87.2	86.5	85.5
72.5°	107.5	107.7	108.1	108.2	108.1	107.7	107.5	107.1	106.4	105.3	103.8
70°	127.0	127.2	127.6	127.8	127.6	127.2	127.0	126.4	125.6	124.2	122.2
67.5°	146.5	146.9	147.3	147.5	147.3	146.9	146.5	145.8	144.8	143.1	140.9
65°	164.2	164.6	165.0	165.2	165.0	164.6	164.2	163.5	162.5	160.8	158.5
62.5°	181.8	182.2	181.9	181.0	181.9	182.2	181.8	180.9	179.7	177.5	174.8
60°	197.0	197.9	197.7	196.7	197.7	197.9	197.0	195.8	194.3	192.3	189.7
57.5°	211.4	211.8	212.2	212.4	212.2	211.8	211.4	210.4	209.0	206.9	204.3
55°	225.1	225.6	225.2	224.2	225.2	225.6	225.1	224.3	223.0	221.6	219.6
52.5°	239.5	239.6	239.0	238.0	239.0	239.6	239.5	238.9	237.7	236.3	234.2
50°	253.3	253.3	253.4	253.7	253.4	253.3	253.3	252.9	252.4	251.9	250.3
47.5°	270.3	269.6	269.2	269.5	269.2	269.6	270.3	270.1	269.5	268.6	266.7
45°	289.6	289.0	288.1	287.2	288.1	289.0	289.6	289.4	289.9	289.4	287.2
42.5°	312.8	311.5	309.8	308.8	309.8	311.5	312.8	312.6	313.7	313.4	311.5
40°	341.6	339.7	337.6	338.3	337.6	339.7	341.6	342.0	343.9	342.5	342.6
37.5°	378.6	377.0	374.3	373.7	374.3	377.0	378.6	379.6	382.0	380.3	383.5
35°	426.1	424.8	420.9	418.9	420.9	424.8	426.1	428.5	430.4	427.2	435.2
32.5°	492.1	493.0	488.8	483.8	488.8	493.0	492.1	496.1	495.4	496.4	502.4
30°	583.2	586.2	580.7	578.3	580.7	586.2	583.2	589.3	585.1	590.8	590.8
27.5°	708.5	711.1	706.3	706.1	706.3	711.1	708.5	712.5	703.2	713.8	702.1
25°	879.7	879.0	873.9	869.3	873.9	879.0	879.7	876.7	873.6	875.0	868.0
22.5°	1116.8	1112.9	1110.5	1111.3	1110.5	1112.9	1116.8	1099.1	1106.0	1085.3	1097.1
20°	1440.2	1433.2	1439.4	1426.0	1439.4	1433.2	1440.2	1421.5	1415.0	1403.9	1392.6
17.5°	1853.7	1861.8	1877.0	1846.9	1877.0	1861.8	1853.7	1841.0	1822.5	1807.7	1780.9
15°	2358.1	2367.8	2369.0	2330.7	2369.0	2367.8	2358.1	2334.6	2335.2	2301.8	2287.6
12.5°	2965.9	2974.6	2965.6	2971.9	2965.6	2974.6	2965.9	2971.6	2938.4	2959.4	2902.0
10°	3810.3	3842.8	3794.0	3803.9	3794.0	3842.8	3810.3	3832.8	3886.8	3877.1	3909.0
7.5°	5166.1	5155.2	5154.8	5161.0	5154.8	5155.2	5166.1	5196.0	5247.0	5216.5	5210.9
5°	6987.5	6973.6	6990.9	7039.4	6990.9	6973.6	6987.5	6971.6	6895.2	6832.6	6766.7
2.5°	8619.3	8706.3	8692.8	8762.3	8692.8	8706.3	8619.3	8514.6	8283.7	8038.1	7795.2
0°	9246.2	9366.1	9454.7	9437.0	9454.7	9366.1	9246.2	9092.8	8888.2	8618.7	8278.5
-2.5°	8619.3	8706.3	8692.8	8762.3	8692.8	8706.3	8619.3	8514.6	8283.7	8038.1	7795.2
-5°	6987.5	6973.6	6990.9	7039.4	6990.9	6973.6	6987.5	6971.6	6895.2	6832.6	6766.7
-7.5°	5166.1	5155.2	5154.8	5161.0	5154.8	5155.2	5166.1	5196.0	5247.0	5216.5	5210.9
-10°	3810.3	3842.8	3794.0	3803.9	3794.0	3842.8	3810.3	3832.8	3886.8	3877.1	3909.0
-12.5°	2965.9	2974.6	2965.6	2971.9	2965.6	2974.6	2965.9	2971.6	2938.4	2959.4	2902.0
-15°	2358.1	2367.8	2369.0	2330.7	2369.0	2367.8	2358.1	2334.6	2335.2	2301.8	2287.6
-17.5°	1853.7	1861.8	1877.0	1846.9	1877.0	1861.8	1853.7	1841.0	1822.5	1807.7	1780.9
-20°	1440.2	1433.2	1439.4	1426.0	1439.4	1433.2	1440.2	1421.5	1415.0	1403.9	1392.6



REPORT NUMBER: P561406 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-NAT-BK

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1116.8	1112.9	1110.5	1111.3	1110.5	1112.9	1116.8	1099.1	1106.0	1085.3	1097.1
-25°	879.7	879.0	873.9	869.3	873.9	879.0	879.7	876.7	873.6	875.0	868.0
-27.5°	708.5	711.1	706.3	706.1	706.3	711.1	708.5	712.5	703.2	713.8	702.1
-30°	583.2	586.2	580.7	578.3	580.7	586.2	583.2	589.3	585.1	590.8	590.8
-32.5°	492.1	493.0	488.8	483.8	488.8	493.0	492.1	496.1	495.4	496.4	502.4
-35°	426.1	424.8	420.9	418.9	420.9	424.8	426.1	428.5	430.4	427.2	435.2
-37.5°	378.6	377.0	374.3	373.7	374.3	377.0	378.6	379.6	382.0	380.3	383.5
-40°	341.6	339.7	337.6	338.3	337.6	339.7	341.6	342.0	343.9	342.5	342.6
-42.5°	312.8	311.5	309.8	308.8	309.8	311.5	312.8	312.6	313.7	313.4	311.5
-45°	289.6	289.0	288.1	287.2	288.1	289.0	289.6	289.4	289.9	289.4	287.2
-47.5°	270.3	269.6	269.2	269.5	269.2	269.6	270.3	270.1	269.5	268.6	266.7
-50°	253.3	253.3	253.4	253.7	253.4	253.3	253.3	252.9	252.4	251.9	250.3
-52.5°	239.5	239.6	239.0	238.0	239.0	239.6	239.5	238.9	237.7	236.3	234.2
-55°	225.1	225.6	225.2	224.2	225.2	225.6	225.1	224.3	223.0	221.6	219.6
-57.5°	211.4	211.8	212.2	212.4	212.2	211.8	211.4	210.4	209.0	206.9	204.3
-60°	197.0	197.9	197.7	196.7	197.7	197.9	197.0	195.8	194.3	192.3	189.7
-62.5°	181.8	182.2	181.9	181.0	181.9	182.2	181.8	180.9	179.7	177.5	174.8
-65°	164.2	164.6	165.0	165.2	165.0	164.6	164.2	163.5	162.5	160.8	158.5
-67.5°	146.5	146.9	147.3	147.5	147.3	146.9	146.5	145.8	144.8	143.1	140.9
-70°	127.0	127.2	127.6	127.8	127.6	127.2	127.0	126.4	125.6	124.2	122.2
-72.5°	107.5	107.7	108.1	108.2	108.1	107.7	107.5	107.1	106.4	105.3	103.8
-75°	88.0	88.1	87.4	86.5	87.4	88.1	88.0	87.7	87.2	86.5	85.5
-77.5°	68.5	68.4	67.8	66.9	67.8	68.4	68.5	68.3	68.0	67.5	66.9
-80°	49.2	49.0	49.1	49.2	49.1	49.0	49.2	49.3	49.2	49.0	49.3
-82.5°	35.0	35.2	34.4	33.4	34.4	35.2	35.0	34.6	34.2	33.8	34.2
-85°	18.0	17.6	17.7	17.7	17.7	17.6	18.0	18.3	18.6	18.9	19.0
-87.5°	6.3	5.9	5.9	5.9	5.9	5.9	6.3	6.8	7.2	7.6	7.5
-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: P561406 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-NAT-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°	7.4	7.3	7.2	7.4	7.7	7.9	8.0	8.2	8.3	8.3	8.3
85°	19.1	19.1	19.0	19.0	18.9	18.8	18.6	18.4	18.2	17.9	17.5
82.5°	34.4	34.4	34.3	33.5	32.6	31.7	30.8	30.3	29.6	28.8	27.8
80°	49.4	49.4	49.2	48.5	47.5	46.3	44.8	43.8	42.6	41.5	40.4
77.5°	66.2	65.4	64.6	63.9	63.0	61.9	60.8	59.3	57.6	55.8	54.2
75°	84.3	82.9	81.4	80.0	78.4	76.9	75.4	74.0	72.2	70.1	68.5
72.5°	102.1	100.2	98.5	96.6	94.4	91.9	90.3	88.9	87.0	84.5	83.2
70°	119.9	117.4	115.0	113.0	110.7	108.0	106.2	104.7	102.6	100.1	99.3
67.5°	138.3	135.4	132.8	130.3	127.5	124.4	122.8	121.1	118.8	116.0	115.9
65°	155.9	152.9	150.1	146.8	143.4	140.1	139.3	137.6	135.1	132.5	132.6
62.5°	171.8	168.8	166.4	163.1	159.3	155.9	155.1	153.7	151.3	149.8	150.1
60°	186.6	183.3	181.2	178.5	175.2	173.3	172.2	170.3	167.7	167.8	168.3
57.5°	201.0	198.3	196.6	193.9	190.2	189.9	189.5	187.5	184.5	186.8	187.5
55°	216.9	214.6	212.6	210.1	207.3	208.1	207.5	205.7	204.5	206.7	207.5
52.5°	231.3	230.4	228.8	225.9	225.0	227.0	226.7	224.8	226.5	228.9	228.8
50°	248.1	247.7	245.9	242.9	244.8	246.9	247.1	245.1	249.4	251.9	251.9
47.5°	266.3	266.9	265.1	262.7	266.9	268.6	268.9	270.8	274.6	275.5	275.3
45°	288.3	289.0	287.6	288.7	292.1	293.7	292.5	298.5	301.9	302.0	299.2
42.5°	314.5	314.7	313.1	318.1	320.9	321.6	324.0	329.9	332.0	330.6	332.9
40°	345.7	344.6	346.4	352.0	354.1	352.3	361.3	365.2	365.7	362.2	373.3
37.5°	384.9	382.2	389.2	393.4	393.5	397.0	404.9	406.6	402.8	412.5	421.7
35°	435.0	435.2	442.3	444.2	441.9	454.6	457.3	454.4	455.8	471.4	476.8
32.5°	497.0	506.9	510.1	507.0	514.5	522.4	521.1	510.9	532.2	541.8	539.4
30°	589.0	596.3	594.6	595.3	605.3	602.4	593.5	613.0	624.5	621.8	609.5
27.5°	712.9	705.8	700.0	715.3	713.4	699.8	715.0	732.0	729.5	715.1	701.7
25°	873.3	853.6	863.2	864.6	843.8	853.6	873.0	872.3	852.2	834.2	895.9
22.5°	1074.3	1080.8	1077.9	1044.8	1049.9	1070.3	1061.5	1030.5	1024.4	1096.4	1121.9
20°	1373.4	1369.2	1336.4	1336.0	1342.2	1317.5	1274.8	1302.2	1373.0	1394.0	1373.8
17.5°	1773.6	1723.0	1724.3	1721.8	1679.7	1609.3	1699.4	1756.5	1759.7	1719.2	1647.8
15°	2222.4	2259.0	2237.3	2164.7	2156.1	2248.2	2279.2	2254.1	2183.2	2074.9	1951.6
12.5°	2963.2	2918.4	2812.2	2930.8	2987.6	2978.2	2912.3	2797.0	2643.2	2472.7	2293.0
10°	3826.0	3887.8	3942.5	3940.6	3877.7	3755.0	3564.6	3352.9	3126.2	2888.1	2643.2
7.5°	5220.7	5193.0	5116.9	4941.2	4710.0	4460.9	4193.2	3910.4	3613.1	3306.6	2996.9
5°	6559.2	6307.5	6043.6	5766.9	5468.5	5154.4	4817.6	4464.8	4097.0	3722.2	3345.9
2.5°	7524.4	7226.3	6909.9	6545.3	6109.3	5665.1	5204.5	4743.7	4281.7	3821.1	3380.6
0°	7930.3	7550.7	7129.8	6663.7	6185.7	5711.7	5235.8	4773.5	4311.3	3841.3	3396.8
-2.5°	7524.4	7226.3	6909.9	6545.3	6109.3	5665.1	5204.5	4743.7	4281.7	3821.1	3380.6
-5°	6559.2	6307.5	6043.6	5766.9	5468.5	5154.4	4817.6	4464.8	4097.0	3722.2	3345.9
-7.5°	5220.7	5193.0	5116.9	4941.2	4710.0	4460.9	4193.2	3910.4	3613.1	3306.6	2996.9
-10°	3826.0	3887.8	3942.5	3940.6	3877.7	3755.0	3564.6	3352.9	3126.2	2888.1	2643.2
-12.5°	2963.2	2918.4	2812.2	2930.8	2987.6	2978.2	2912.3	2797.0	2643.2	2472.7	2293.0
-15°	2222.4	2259.0	2237.3	2164.7	2156.1	2248.2	2279.2	2254.1	2183.2	2074.9	1951.6
-17.5°	1773.6	1723.0	1724.3	1721.8	1679.7	1609.3	1699.4	1756.5	1759.7	1719.2	1647.8
-20°	1373.4	1369.2	1336.4	1336.0	1342.2	1317.5	1274.8	1302.2	1373.0	1394.0	1373.8



REPORT NUMBER: P561406 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-NAT-BK

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1074.3	1080.8	1077.9	1044.8	1049.9	1070.3	1061.5	1030.5	1024.4	1096.4	1121.9
-25°	873.3	853.6	863.2	864.6	843.8	853.6	873.0	872.3	852.2	834.2	895.9
-27.5°	712.9	705.8	700.0	715.3	713.4	699.8	715.0	732.0	729.5	715.1	701.7
-30°	589.0	596.3	594.6	595.3	605.3	602.4	593.5	613.0	624.5	621.8	609.5
-32.5°	497.0	506.9	510.1	507.0	514.5	522.4	521.1	510.9	532.2	541.8	539.4
-35°	435.0	435.2	442.3	444.2	441.9	454.6	457.3	454.4	455.8	471.4	476.8
-37.5°	384.9	382.2	389.2	393.4	393.5	397.0	404.9	406.6	402.8	412.5	421.7
-40°	345.7	344.6	346.4	352.0	354.1	352.3	361.3	365.2	365.7	362.2	373.3
-42.5°	314.5	314.7	313.1	318.1	320.9	321.6	324.0	329.9	332.0	330.6	332.9
-45°	288.3	289.0	287.6	288.7	292.1	293.7	292.5	298.5	301.9	302.0	299.2
-47.5°	266.3	266.9	265.1	262.7	266.9	268.6	268.9	270.8	274.6	275.5	275.3
-50°	248.1	247.7	245.9	242.9	244.8	246.9	247.1	245.1	249.4	251.9	251.9
-52.5°	231.3	230.4	228.8	225.9	225.0	227.0	226.7	224.8	226.5	228.9	228.8
-55°	216.9	214.6	212.6	210.1	207.3	208.1	207.5	205.7	204.5	206.7	207.5
-57.5°	201.0	198.3	196.6	193.9	190.2	189.9	189.5	187.5	184.5	186.8	187.5
-60°	186.6	183.3	181.2	178.5	175.2	173.3	172.2	170.3	167.7	167.8	168.3
-62.5°	171.8	168.8	166.4	163.1	159.3	155.9	155.1	153.7	151.3	149.8	150.1
-65°	155.9	152.9	150.1	146.8	143.4	140.1	139.3	137.6	135.1	132.5	132.6
-67.5°	138.3	135.4	132.8	130.3	127.5	124.4	122.8	121.1	118.8	116.0	115.9
-70°	119.9	117.4	115.0	113.0	110.7	108.0	106.2	104.7	102.6	100.1	99.3
-72.5°	102.1	100.2	98.5	96.6	94.4	91.9	90.3	88.9	87.0	84.5	83.2
-75°	84.3	82.9	81.4	80.0	78.4	76.9	75.4	74.0	72.2	70.1	68.5
-77.5°	66.2	65.4	64.6	63.9	63.0	61.9	60.8	59.3	57.6	55.8	54.2
-80°	49.4	49.4	49.2	48.5	47.5	46.3	44.8	43.8	42.6	41.5	40.4
-82.5°	34.4	34.4	34.3	33.5	32.6	31.7	30.8	30.3	29.6	28.8	27.8
-85°	19.1	19.1	19.0	19.0	18.9	18.8	18.6	18.4	18.2	17.9	17.5
-87.5°	7.4	7.3	7.2	7.4	7.7	7.9	8.0	8.2	8.3	8.3	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: P561406 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-NAT-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°	8.0	7.6	7.2	6.8	6.6	6.4	6.1	5.8	5.5	5.0	4.6
85°	17.0	16.3	15.4	14.4	13.7	12.8	12.3	11.7	10.9	10.1	9.2
82.5°	27.1	26.5	25.6	24.6	23.8	22.6	21.3	19.6	17.6	15.3	13.7
80°	39.8	38.9	37.6	36.0	34.4	32.5	30.8	28.7	26.2	23.4	20.1
77.5°	53.4	52.1	50.3	48.5	46.7	44.4	41.6	38.3	34.9	31.4	27.5
75°	67.6	66.2	64.3	62.0	59.4	56.3	53.0	49.2	44.8	39.6	34.8
72.5°	82.6	81.1	78.7	75.8	72.8	69.1	64.8	60.1	55.2	49.4	42.6
70°	98.5	96.6	94.0	91.1	87.1	82.1	77.1	71.9	65.7	59.1	51.5
67.5°	115.2	113.4	110.3	106.9	102.7	97.0	89.9	84.1	77.4	68.8	60.4
65°	131.8	130.0	127.3	123.7	118.7	112.5	104.8	97.1	89.2	80.0	69.2
62.5°	148.9	146.5	143.9	140.6	135.2	128.3	120.0	112.0	101.6	91.3	79.1
60°	166.9	164.1	161.2	157.7	152.1	144.3	136.0	127.0	115.8	102.6	89.5
57.5°	186.0	182.4	180.4	175.9	169.4	160.8	152.7	143.0	130.1	115.4	99.9
55°	206.0	203.2	200.8	195.7	187.8	177.9	170.6	159.7	144.8	128.6	110.5
52.5°	226.8	225.8	223.2	216.8	207.7	197.4	190.5	177.0	161.0	141.8	122.5
50°	248.9	249.9	247.0	239.8	228.5	221.3	211.6	197.0	177.6	155.6	134.7
47.5°	276.1	276.6	272.3	263.9	251.4	247.5	236.2	218.1	194.5	170.9	147.0
45°	305.5	305.7	299.8	289.6	281.9	277.4	263.2	240.2	214.7	187.0	159.3
42.5°	337.9	337.3	329.7	316.4	318.5	310.4	291.9	266.1	235.4	203.4	172.7
40°	376.3	371.7	361.7	358.4	360.1	346.1	324.3	293.7	256.9	221.0	187.1
37.5°	418.9	410.8	396.7	411.8	407.2	388.3	358.8	322.5	281.1	241.1	201.4
35°	470.1	454.4	464.9	474.0	462.1	434.0	395.0	353.2	308.4	261.6	215.6
32.5°	526.7	527.4	548.6	545.2	522.4	483.0	435.9	388.4	336.3	282.3	229.8
30°	605.9	640.3	644.1	624.2	589.0	539.4	482.6	425.6	364.7	303.2	244.5
27.5°	752.6	767.3	751.8	715.2	663.5	600.0	534.5	464.4	393.4	325.3	261.6
25°	920.4	911.5	874.1	815.7	743.0	670.2	588.6	504.9	424.7	348.9	278.3
22.5°	1111.1	1071.1	1005.9	923.2	835.8	743.7	646.8	550.5	457.7	372.2	294.8
20°	1318.9	1243.7	1149.0	1049.2	937.4	824.2	708.8	596.6	490.8	395.1	310.8
17.5°	1543.5	1440.3	1319.5	1185.4	1045.0	906.7	771.6	642.9	523.8	417.5	326.3
15°	1812.3	1662.5	1499.3	1326.6	1155.0	990.5	834.7	688.9	556.4	439.0	338.4
12.5°	2097.3	1892.4	1684.6	1470.9	1265.8	1074.5	897.3	734.1	588.2	454.1	345.9
10°	2388.6	2126.7	1872.6	1616.1	1376.1	1157.6	958.6	769.3	603.9	463.5	352.2
7.5°	2681.7	2361.5	2060.2	1759.8	1471.9	1210.6	982.5	783.8	615.2	471.2	357.1
5°	2924.2	2517.9	2150.1	1803.1	1496.7	1229.2	996.6	794.8	623.9	477.2	360.7
2.5°	2954.4	2548.0	2171.6	1822.9	1514.2	1242.0	1006.1	802.4	629.9	481.4	362.9
0°	2968.0	2564.8	2181.2	1833.1	1524.3	1249.0	1011.0	806.4	633.3	483.8	363.9
-2.5°	2954.4	2548.0	2171.6	1822.9	1514.2	1242.0	1006.1	802.4	629.9	481.4	362.9
-5°	2924.2	2517.9	2150.1	1803.1	1496.7	1229.2	996.6	794.8	623.9	477.2	360.7
-7.5°	2681.7	2361.5	2060.2	1759.8	1471.9	1210.6	982.5	783.8	615.2	471.2	357.1
-10°	2388.6	2126.7	1872.6	1616.1	1376.1	1157.6	958.6	769.3	603.9	463.5	352.2
-12.5°	2097.3	1892.4	1684.6	1470.9	1265.8	1074.5	897.3	734.1	588.2	454.1	345.9
-15°	1812.3	1662.5	1499.3	1326.6	1155.0	990.5	834.7	688.9	556.4	439.0	338.4
-17.5°	1543.5	1440.3	1319.5	1185.4	1045.0	906.7	771.6	642.9	523.8	417.5	326.3
-20°	1318.9	1243.7	1149.0	1049.2	937.4	824.2	708.8	596.6	490.8	395.1	310.8



REPORT NUMBER: P561406 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-NAT-BK

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1111.1	1071.1	1005.9	923.2	835.8	743.7	646.8	550.5	457.7	372.2	294.8
-25°	920.4	911.5	874.1	815.7	743.0	670.2	588.6	504.9	424.7	348.9	278.3
-27.5°	752.6	767.3	751.8	715.2	663.5	600.0	534.5	464.4	393.4	325.3	261.6
-30°	605.9	640.3	644.1	624.2	589.0	539.4	482.6	425.6	364.7	303.2	244.5
-32.5°	526.7	527.4	548.6	545.2	522.4	483.0	435.9	388.4	336.3	282.3	229.8
-35°	470.1	454.4	464.9	474.0	462.1	434.0	395.0	353.2	308.4	261.6	215.6
-37.5°	418.9	410.8	396.7	411.8	407.2	388.3	358.8	322.5	281.1	241.1	201.4
-40°	376.3	371.7	361.7	358.4	360.1	346.1	324.3	293.7	256.9	221.0	187.1
-42.5°	337.9	337.3	329.7	316.4	318.5	310.4	291.9	266.1	235.4	203.4	172.7
-45°	305.5	305.7	299.8	289.6	281.9	277.4	263.2	240.2	214.7	187.0	159.3
-47.5°	276.1	276.6	272.3	263.9	251.4	247.5	236.2	218.1	194.5	170.9	147.0
-50°	248.9	249.9	247.0	239.8	228.5	221.3	211.6	197.0	177.6	155.6	134.7
-52.5°	226.8	225.8	223.2	216.8	207.7	197.4	190.5	177.0	161.0	141.8	122.5
-55°	206.0	203.2	200.8	195.7	187.8	177.9	170.6	159.7	144.8	128.6	110.5
-57.5°	186.0	182.4	180.4	175.9	169.4	160.8	152.7	143.0	130.1	115.4	99.9
-60°	166.9	164.1	161.2	157.7	152.1	144.3	136.0	127.0	115.8	102.6	89.5
-62.5°	148.9	146.5	143.9	140.6	135.2	128.3	120.0	112.0	101.6	91.3	79.1
-65°	131.8	130.0	127.3	123.7	118.7	112.5	104.8	97.1	89.2	80.0	69.2
-67.5°	115.2	113.4	110.3	106.9	102.7	97.0	89.9	84.1	77.4	68.8	60.4
-70°	98.5	96.6	94.0	91.1	87.1	82.1	77.1	71.9	65.7	59.1	51.5
-72.5°	82.6	81.1	78.7	75.8	72.8	69.1	64.8	60.1	55.2	49.4	42.6
-75°	67.6	66.2	64.3	62.0	59.4	56.3	53.0	49.2	44.8	39.6	34.8
-77.5°	53.4	52.1	50.3	48.5	46.7	44.4	41.6	38.3	34.9	31.4	27.5
-80°	39.8	38.9	37.6	36.0	34.4	32.5	30.8	28.7	26.2	23.4	20.1
-82.5°	27.1	26.5	25.6	24.6	23.8	22.6	21.3	19.6	17.6	15.3	13.7
-85°	17.0	16.3	15.4	14.4	13.7	12.8	12.3	11.7	10.9	10.1	9.2
-87.5°	8.0	7.6	7.2	6.8	6.6	6.4	6.1	5.8	5.5	5.0	4.6
-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: P561406 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-NAT-BK

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°	4.1	3.5	2.9	2.2	1.5	0.8	0.0
85°	8.1	7.0	5.8	4.5	3.1	1.5	0.0
82.5°	12.2	10.5	8.7	6.7	4.6	2.3	0.0
80°	16.5	14.0	11.6	8.9	6.1	3.1	0.0
77.5°	23.1	18.3	14.4	11.2	7.7	3.8	0.0
75°	29.7	24.2	17.7	13.4	9.2	4.6	0.0
72.5°	36.3	30.1	22.7	15.5	10.6	5.3	0.0
70°	43.2	36.0	27.7	18.0	12.1	6.1	0.0
67.5°	51.2	41.8	32.6	21.9	13.5	6.8	0.0
65°	59.3	48.3	37.5	25.8	14.9	7.5	0.0
62.5°	67.3	55.3	42.4	29.6	16.3	8.2	0.0
60°	75.4	62.2	47.3	33.4	17.7	8.8	0.0
57.5°	84.6	69.1	52.9	37.1	20.2	9.5	0.0
55°	94.0	75.9	58.5	40.8	22.6	10.2	0.0
52.5°	103.3	82.9	64.0	44.4	25.0	10.8	0.0
50°	112.6	90.8	69.5	47.9	27.3	11.4	0.0
47.5°	122.0	98.5	74.8	51.5	29.6	12.0	0.0
45°	132.6	106.2	80.0	55.4	31.7	12.5	0.0
42.5°	143.1	113.7	85.1	59.2	33.8	13.0	0.0
40°	153.5	121.1	90.5	62.8	35.8	13.6	0.0
37.5°	163.8	128.3	96.2	66.1	37.7	14.0	0.0
35°	173.9	136.1	101.7	69.2	39.5	14.5	0.0
32.5°	184.3	144.1	107.0	72.1	41.3	14.9	0.0
30°	195.7	151.8	112.1	74.8	42.9	15.3	0.0
27.5°	206.8	159.2	116.2	77.3	44.4	15.7	0.0
25°	217.6	166.4	119.9	79.6	45.8	16.0	0.0
22.5°	228.1	172.7	123.2	81.7	47.0	16.4	0.0
20°	238.1	177.4	126.2	83.5	48.2	16.6	0.0
17.5°	245.7	181.7	128.9	85.2	49.3	16.9	0.0
15°	251.4	185.4	131.2	86.6	50.2	17.1	0.0
12.5°	256.4	188.6	133.2	87.8	51.0	17.3	0.0
10°	260.7	191.3	134.8	88.8	51.7	17.4	0.0
7.5°	264.1	193.5	136.1	89.5	52.2	17.5	0.0
5°	266.7	195.1	137.0	90.1	52.7	17.6	0.0
2.5°	268.5	196.2	137.5	90.4	52.9	17.7	0.0
0°	269.5	196.7	137.7	90.5	53.1	17.7	0.0
-2.5°	268.5	196.2	137.5	90.4	52.9	17.7	0.0
-5°	266.7	195.1	137.0	90.1	52.7	17.6	0.0
-7.5°	264.1	193.5	136.1	89.5	52.2	17.5	0.0
-10°	260.7	191.3	134.8	88.8	51.7	17.4	0.0
-12.5°	256.4	188.6	133.2	87.8	51.0	17.3	0.0
-15°	251.4	185.4	131.2	86.6	50.2	17.1	0.0
-17.5°	245.7	181.7	128.9	85.2	49.3	16.9	0.0
-20°	238.1	177.4	126.2	83.5	48.2	16.6	0.0



REPORT NUMBER: P561406 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-NAT-BK

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	228.1	172.7	123.2	81.7	47.0	16.4	0.0
-25°	217.6	166.4	119.9	79.6	45.8	16.0	0.0
-27.5°	206.8	159.2	116.2	77.3	44.4	15.7	0.0
-30°	195.7	151.8	112.1	74.8	42.9	15.3	0.0
-32.5°	184.3	144.1	107.0	72.1	41.3	14.9	0.0
-35°	173.9	136.1	101.7	69.2	39.5	14.5	0.0
-37.5°	163.8	128.3	96.2	66.1	37.7	14.0	0.0
-40°	153.5	121.1	90.5	62.8	35.8	13.6	0.0
-42.5°	143.1	113.7	85.1	59.2	33.8	13.0	0.0
-45°	132.6	106.2	80.0	55.4	31.7	12.5	0.0
-47.5°	122.0	98.5	74.8	51.5	29.6	12.0	0.0
-50°	112.6	90.8	69.5	47.9	27.3	11.4	0.0
-52.5°	103.3	82.9	64.0	44.4	25.0	10.8	0.0
-55°	94.0	75.9	58.5	40.8	22.6	10.2	0.0
-57.5°	84.6	69.1	52.9	37.1	20.2	9.5	0.0
-60°	75.4	62.2	47.3	33.4	17.7	8.8	0.0
-62.5°	67.3	55.3	42.4	29.6	16.3	8.2	0.0
-65°	59.3	48.3	37.5	25.8	14.9	7.5	0.0
-67.5°	51.2	41.8	32.6	21.9	13.5	6.8	0.0
-70°	43.2	36.0	27.7	18.0	12.1	6.1	0.0
-72.5°	36.3	30.1	22.7	15.5	10.6	5.3	0.0
-75°	29.7	24.2	17.7	13.4	9.2	4.6	0.0
-77.5°	23.1	18.3	14.4	11.2	7.7	3.8	0.0
-80°	16.5	14.0	11.6	8.9	6.1	3.1	0.0
-82.5°	12.2	10.5	8.7	6.7	4.6	2.3	0.0
-85°	8.1	7.0	5.8	4.5	3.1	1.5	0.0
-87.5°	4.1	3.5	2.9	2.2	1.5	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)