

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: P558518 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-940-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558518 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1B-940-U-NAT-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (16) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

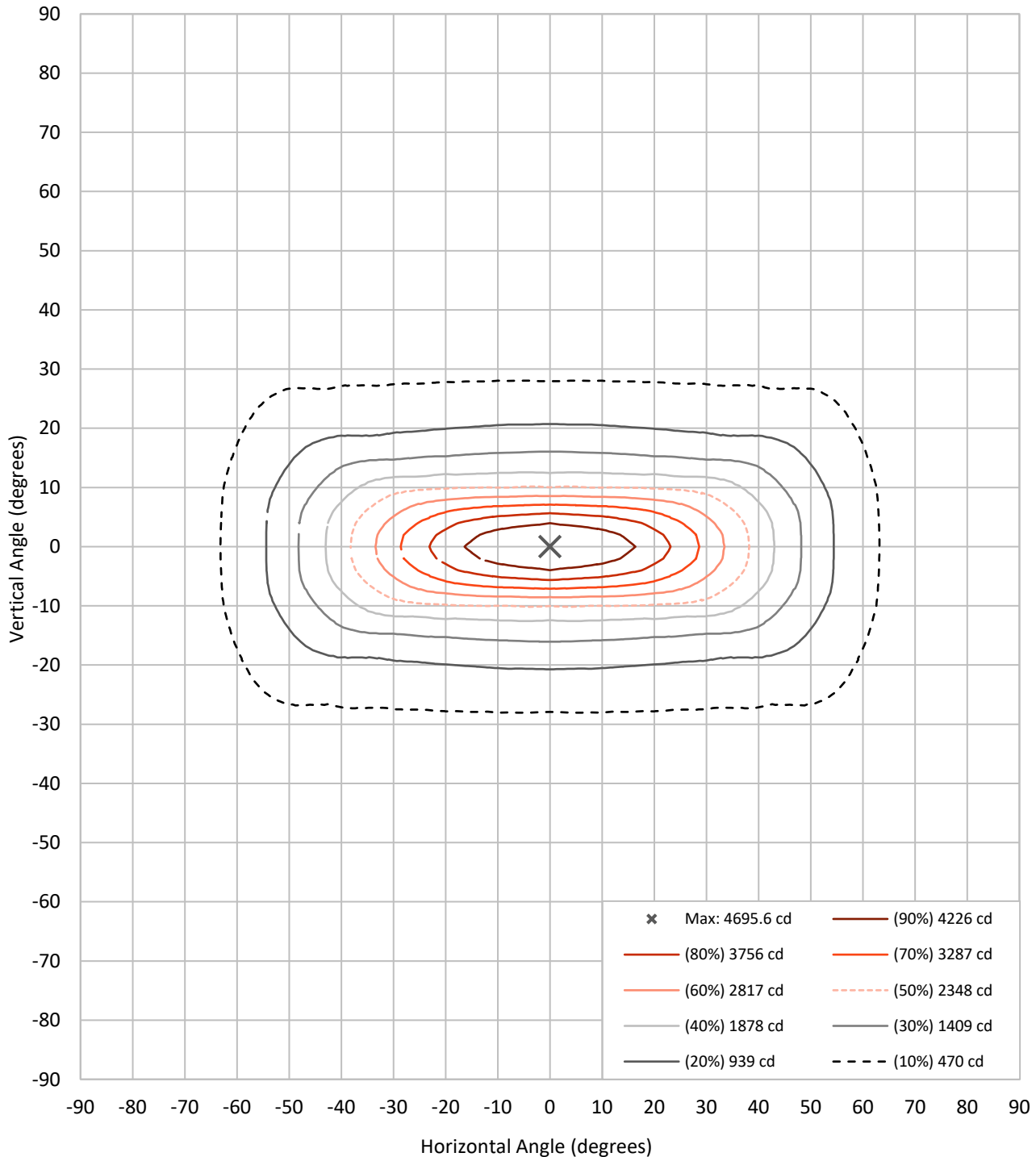
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	3362.9 lumens	Max Intensity:	4695.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	101.9 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	1345.5 lumens	Field Lumens:	2756.2 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 33
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-SA1B-940-U-NAT-XX

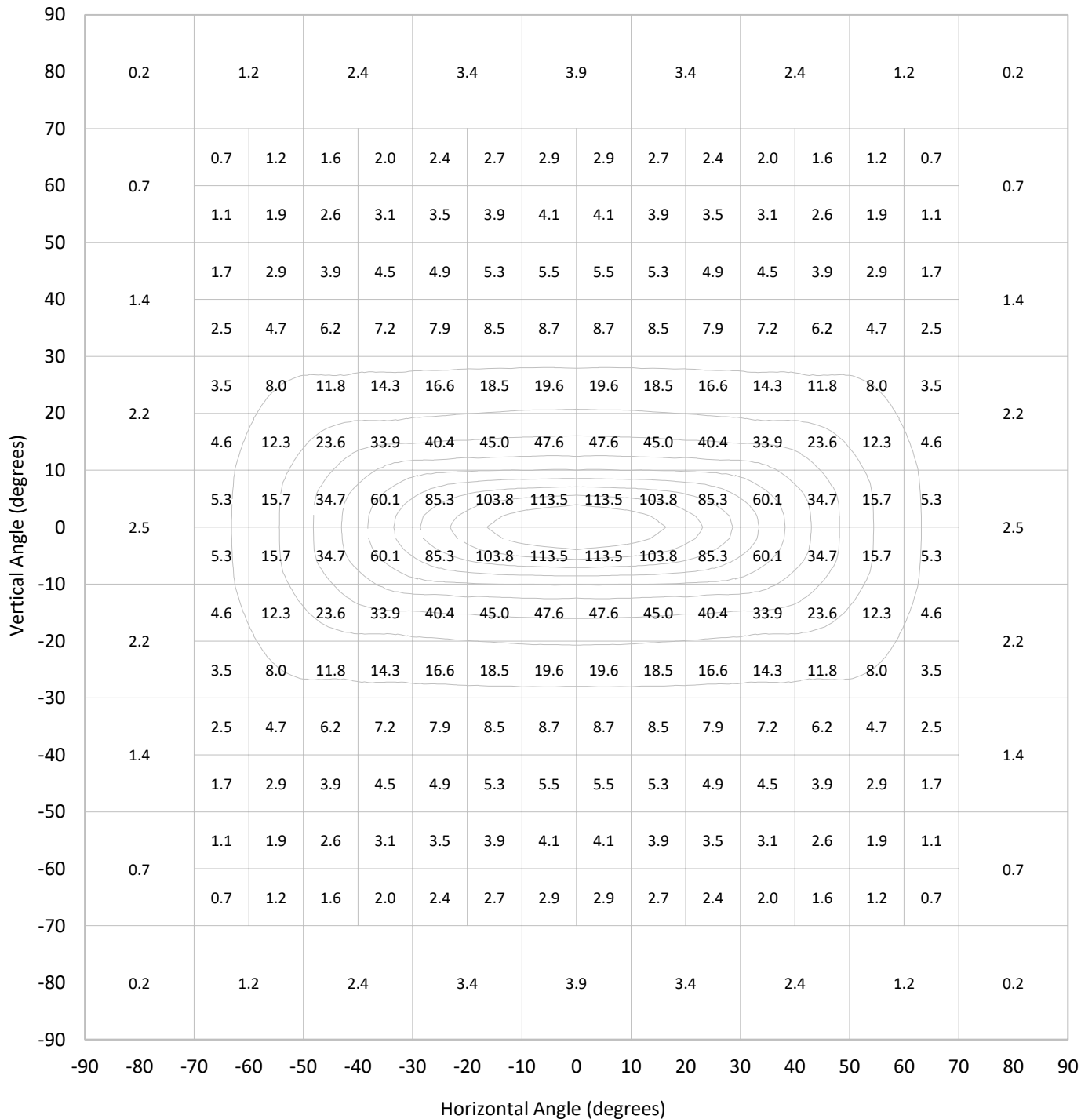
Iso-Candela Plot





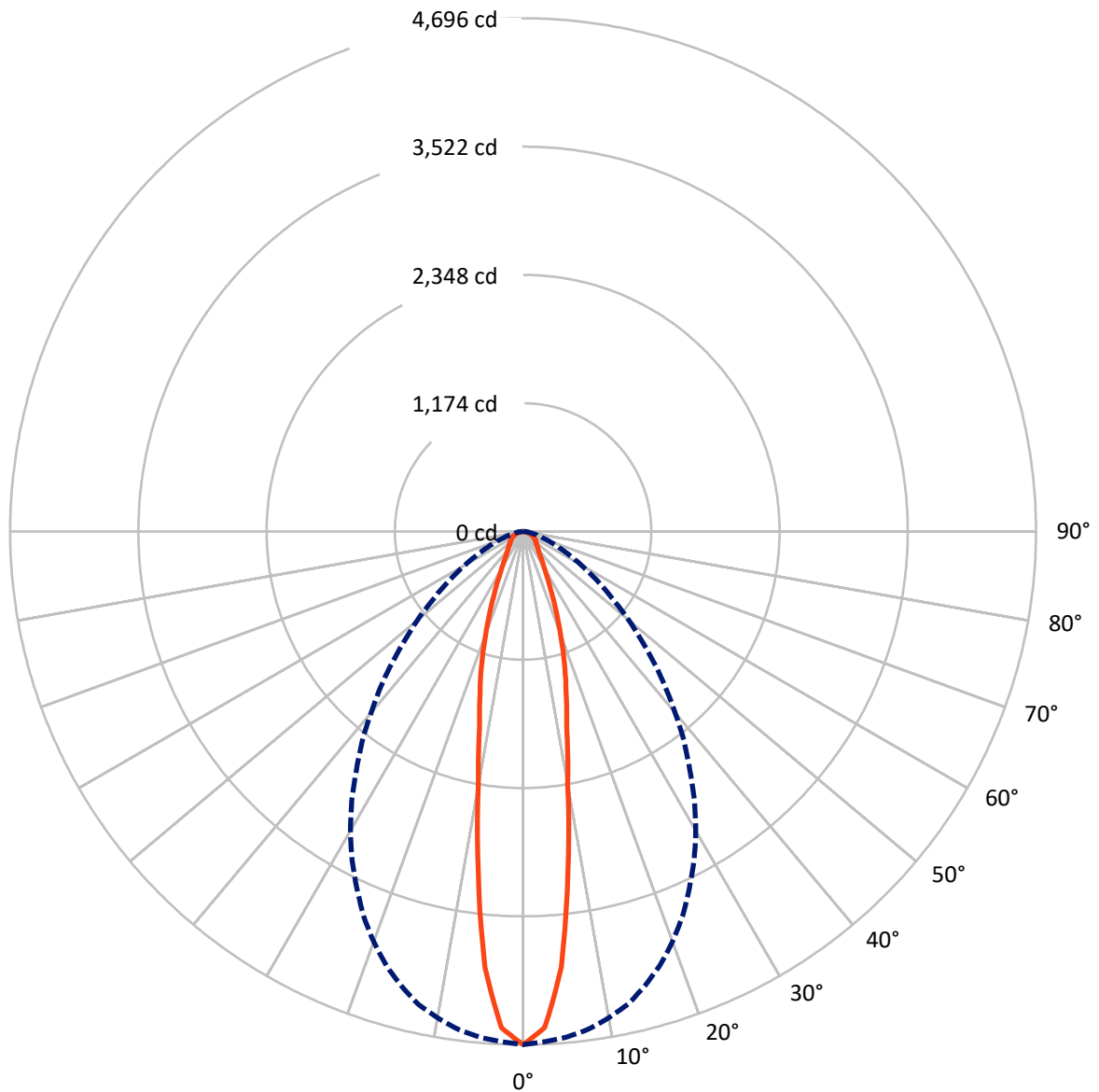
REPORT NUMBER: P558518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-940-U-NAT-XX

Lumen Table



REPORT NUMBER: P558518 (CONVERTED FROM TYPE C PHOTOMETRY)
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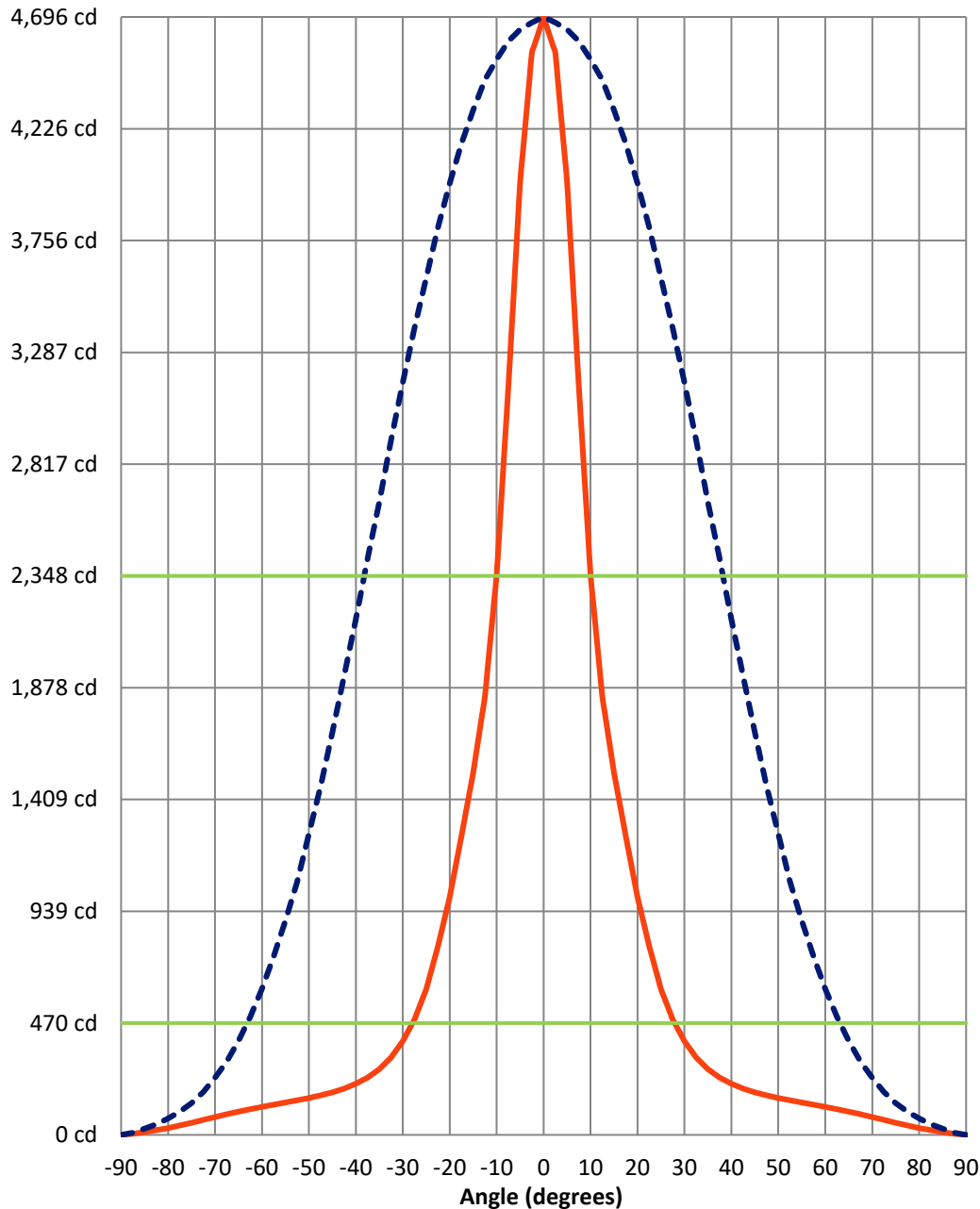
Luminous Intensity Polar Plot



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

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 CATALOG NUMBER: GFLD-SA1B-940-U-NAT-XX

Luminous Intensity Plot



Beam:
 H Angle: 76.4°
 V Angle: 20°
 Lumens: 1345.5
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 2756.2
 Efficiency: 82.0%

Spill:
 Lumens: 606.6
 Efficiency: 18.0%

- Vertical Distribution through 0-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	0.4	0.8	1.1	1.4	1.7	1.9	2.1	2.3	2.6	2.7
85°	0.0	0.8	1.6	2.2	2.8	3.3	3.7	4.2	4.7	5.1	5.5
82.5°	0.0	1.2	2.3	3.3	4.2	5.0	5.6	6.3	7.2	8.6	9.8
80°	0.0	1.6	3.1	4.5	5.6	6.6	7.7	9.8	11.7	13.5	15.1
77.5°	0.0	1.9	3.9	5.6	7.0	8.8	11.3	13.9	16.3	18.4	20.5
75°	0.0	2.3	4.7	6.7	8.6	11.9	15.0	18.0	20.8	23.7	26.2
72.5°	0.0	2.7	5.4	7.7	11.2	15.0	18.6	22.2	25.9	29.1	31.9
70°	0.0	3.1	6.1	9.0	13.8	18.1	22.3	26.8	31.0	34.6	38.1
67.5°	0.0	3.4	6.9	10.9	16.3	21.2	26.4	31.5	36.1	40.8	44.6
65°	0.0	3.8	7.6	12.9	18.8	24.5	30.6	36.1	42.0	47.1	51.6
62.5°	0.0	4.2	8.3	14.8	21.2	28.1	34.7	41.3	47.9	53.6	59.5
60°	0.0	4.5	9.0	16.6	23.7	31.7	38.9	46.7	53.8	61.1	67.5
57.5°	0.0	4.8	10.2	18.5	26.5	35.2	43.5	52.1	60.5	68.5	76.1
55°	0.0	5.2	11.4	20.2	29.4	38.6	48.2	57.5	67.3	76.3	85.2
52.5°	0.0	5.5	12.6	22.0	32.1	42.1	52.9	63.5	74.1	85.0	94.5
50°	0.0	5.8	13.7	23.7	34.9	46.0	57.4	69.7	81.3	93.9	105.7
47.5°	0.0	6.1	14.8	25.5	37.5	49.7	62.0	75.9	89.5	103.0	117.4
45°	0.0	6.4	15.8	27.4	40.2	53.4	67.4	82.1	97.9	114.0	129.5
42.5°	0.0	6.6	16.8	29.3	42.7	57.0	72.7	89.0	106.3	125.4	143.3
40°	0.0	6.9	17.8	31.1	45.3	60.5	78.0	96.2	115.2	136.9	157.9
37.5°	0.0	7.1	18.7	32.7	48.0	63.8	83.2	103.4	125.4	149.0	172.9
35°	0.0	7.4	19.6	34.3	50.6	67.7	88.3	110.5	135.6	162.4	189.1
32.5°	0.0	7.6	20.4	35.7	53.0	71.7	93.6	117.4	145.6	176.0	207.0
30°	0.0	7.8	21.2	37.1	55.4	75.6	99.2	124.6	155.6	189.6	225.3
27.5°	0.0	8.0	21.9	38.3	57.3	79.4	104.6	132.7	166.0	203.4	243.9
25°	0.0	8.2	22.6	39.4	59.1	83.0	109.8	140.6	177.2	218.3	262.8
22.5°	0.0	8.3	23.3	40.4	60.8	86.2	114.8	148.2	188.2	233.8	283.5
20°	0.0	8.5	23.8	41.3	62.3	88.6	119.5	155.5	199.0	249.0	304.0
17.5°	0.0	8.6	24.3	42.1	63.7	90.8	123.0	162.4	209.3	263.9	324.1
15°	0.0	8.7	24.8	42.7	64.9	92.6	125.7	167.9	219.2	278.4	343.8
12.5°	0.0	8.8	25.2	43.3	66.0	94.2	128.0	171.4	226.4	292.2	362.7
10°	0.0	8.9	25.5	43.7	67.0	95.4	129.8	174.4	230.9	298.7	377.5
7.5°	0.0	8.9	25.8	44.1	67.7	96.4	131.3	176.7	234.6	303.0	384.2
5°	0.0	9.0	26.0	44.3	68.3	97.0	132.4	178.4	237.4	306.0	389.4
2.5°	0.0	9.0	26.1	44.4	68.7	97.4	133.1	179.5	239.3	307.6	393.0
0°	0.0	9.0	26.2	44.4	68.9	97.5	133.3	179.9	240.2	308.0	394.9
-2.5°	0.0	9.0	26.1	44.4	68.7	97.4	133.1	179.5	239.3	307.6	393.0
-5°	0.0	9.0	26.0	44.3	68.3	97.0	132.4	178.4	237.4	306.0	389.4
-7.5°	0.0	8.9	25.8	44.1	67.7	96.4	131.3	176.7	234.6	303.0	384.2
-10°	0.0	8.9	25.5	43.7	67.0	95.4	129.8	174.4	230.9	298.7	377.5
-12.5°	0.0	8.8	25.2	43.3	66.0	94.2	128.0	171.4	226.4	292.2	362.7
-15°	0.0	8.7	24.8	42.7	64.9	92.6	125.7	167.9	219.2	278.4	343.8
-17.5°	0.0	8.6	24.3	42.1	63.7	90.8	123.0	162.4	209.3	263.9	324.1
-20°	0.0	8.5	23.8	41.3	62.3	88.6	119.5	155.5	199.0	249.0	304.0



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 CATALOG NUMBER: GFLD-SA1B-940-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	8.3	23.3	40.4	60.8	86.2	114.8	148.2	188.2	233.8	283.5
-25°	0.0	8.2	22.6	39.4	59.1	83.0	109.8	140.6	177.2	218.3	262.8
-27.5°	0.0	8.0	21.9	38.3	57.3	79.4	104.6	132.7	166.0	203.4	243.9
-30°	0.0	7.8	21.2	37.1	55.4	75.6	99.2	124.6	155.6	189.6	225.3
-32.5°	0.0	7.6	20.4	35.7	53.0	71.7	93.6	117.4	145.6	176.0	207.0
-35°	0.0	7.4	19.6	34.3	50.6	67.7	88.3	110.5	135.6	162.4	189.1
-37.5°	0.0	7.1	18.7	32.7	48.0	63.8	83.2	103.4	125.4	149.0	172.9
-40°	0.0	6.9	17.8	31.1	45.3	60.5	78.0	96.2	115.2	136.9	157.9
-42.5°	0.0	6.6	16.8	29.3	42.7	57.0	72.7	89.0	106.3	125.4	143.3
-45°	0.0	6.4	15.8	27.4	40.2	53.4	67.4	82.1	97.9	114.0	129.5
-47.5°	0.0	6.1	14.8	25.5	37.5	49.7	62.0	75.9	89.5	103.0	117.4
-50°	0.0	5.8	13.7	23.7	34.9	46.0	57.4	69.7	81.3	93.9	105.7
-52.5°	0.0	5.5	12.6	22.0	32.1	42.1	52.9	63.5	74.1	85.0	94.5
-55°	0.0	5.2	11.4	20.2	29.4	38.6	48.2	57.5	67.3	76.3	85.2
-57.5°	0.0	4.8	10.2	18.5	26.5	35.2	43.5	52.1	60.5	68.5	76.1
-60°	0.0	4.5	9.0	16.6	23.7	31.7	38.9	46.7	53.8	61.1	67.5
-62.5°	0.0	4.2	8.3	14.8	21.2	28.1	34.7	41.3	47.9	53.6	59.5
-65°	0.0	3.8	7.6	12.9	18.8	24.5	30.6	36.1	42.0	47.1	51.6
-67.5°	0.0	3.4	6.9	10.9	16.3	21.2	26.4	31.5	36.1	40.8	44.6
-70°	0.0	3.1	6.1	9.0	13.8	18.1	22.3	26.8	31.0	34.6	38.1
-72.5°	0.0	2.7	5.4	7.7	11.2	15.0	18.6	22.2	25.9	29.1	31.9
-75°	0.0	2.3	4.7	6.7	8.6	11.9	15.0	18.0	20.8	23.7	26.2
-77.5°	0.0	1.9	3.9	5.6	7.0	8.8	11.3	13.9	16.3	18.4	20.5
-80°	0.0	1.6	3.1	4.5	5.6	6.6	7.7	9.8	11.7	13.5	15.1
-82.5°	0.0	1.2	2.3	3.3	4.2	5.0	5.6	6.3	7.2	8.6	9.8
-85°	0.0	0.8	1.6	2.2	2.8	3.3	3.7	4.2	4.7	5.1	5.5
-87.5°	0.0	0.4	0.8	1.1	1.4	1.7	1.9	2.1	2.3	2.6	2.7
-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: P558518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-940-U-NAT-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°	3.0	3.2	3.4	3.6	3.7	3.9	4.0	4.2	4.3	4.5	4.7
85°	5.9	6.3	7.0	7.6	8.1	8.6	9.0	9.3	9.6	9.9	10.1
82.5°	11.0	11.9	12.6	13.1	13.8	14.3	14.8	15.2	15.7	16.1	16.4
80°	16.4	17.4	18.5	19.4	20.3	21.0	21.5	21.7	22.2	22.9	23.7
77.5°	22.2	23.8	25.2	26.4	27.4	28.2	28.9	29.2	30.1	31.1	32.0
75°	28.3	30.2	32.1	33.8	35.2	36.1	36.9	37.5	38.5	39.8	40.9
72.5°	34.6	37.2	39.4	41.4	43.2	44.6	45.6	46.3	47.3	48.9	50.1
70°	41.2	44.2	47.3	49.8	51.7	53.3	54.7	55.6	56.5	58.1	59.3
67.5°	48.1	52.3	55.7	58.4	60.5	62.5	64.0	65.0	65.5	67.1	68.4
65°	56.2	60.7	64.5	67.5	69.6	72.1	73.8	74.7	74.9	76.7	78.3
62.5°	64.4	69.4	73.6	77.0	79.8	82.1	84.1	85.1	85.3	86.6	88.5
60°	73.2	78.3	83.3	87.5	90.4	92.8	94.9	96.0	96.3	96.8	98.9
57.5°	82.3	87.9	93.7	98.4	101.8	103.8	106.1	107.3	107.8	107.5	109.7
55°	92.3	98.1	104.7	110.1	113.8	115.6	117.7	119.5	120.1	119.7	121.0
52.5°	103.6	109.4	116.4	122.4	126.5	128.7	130.1	132.3	133.3	132.9	132.6
50°	115.5	122.7	128.5	135.4	140.3	143.2	143.2	145.9	147.2	146.8	145.1
47.5°	128.9	137.1	141.5	149.3	155.8	159.2	159.4	160.5	162.1	162.5	161.0
45°	143.4	153.4	158.1	165.1	172.4	176.5	177.8	175.8	178.7	179.6	178.6
42.5°	158.7	171.4	178.9	181.8	190.2	195.9	198.1	196.8	196.6	198.6	198.6
40°	176.4	191.0	202.2	205.1	209.4	217.3	221.9	221.7	216.5	220.2	221.1
37.5°	195.3	214.2	228.1	234.2	231.0	241.5	248.3	251.0	247.8	244.1	248.3
35°	215.1	239.1	257.7	268.2	268.7	268.4	279.1	284.8	285.3	278.6	280.1
32.5°	237.4	265.5	290.2	307.2	314.9	310.1	312.8	324.9	330.8	328.2	318.6
30°	261.2	295.8	326.0	350.0	367.2	372.2	360.8	370.2	383.2	388.4	384.2
27.5°	285.4	327.9	366.3	399.4	426.1	443.0	443.4	428.9	443.7	456.3	461.1
25°	309.9	360.0	408.9	453.9	494.2	523.3	536.6	538.1	517.5	536.3	553.8
22.5°	336.1	393.1	451.1	511.8	568.1	610.7	643.1	662.6	662.0	642.2	657.7
20°	363.8	429.0	496.7	568.7	645.4	704.0	758.2	799.8	824.8	833.1	816.9
17.5°	391.4	465.4	544.4	630.2	719.0	800.2	881.6	947.8	1000.4	1043.5	1058.9
15°	418.6	501.6	592.4	692.2	794.7	896.4	1001.0	1102.5	1191.9	1270.8	1317.6
12.5°	445.3	537.3	640.0	753.9	871.6	994.0	1118.8	1242.5	1371.2	1499.0	1596.1
10°	471.0	572.1	686.6	814.5	948.4	1091.5	1236.4	1383.1	1539.5	1690.2	1835.2
7.5°	482.0	594.8	726.8	873.2	1023.8	1187.5	1352.2	1522.5	1705.2	1881.1	2058.2
5°	488.7	603.9	738.1	890.6	1058.2	1250.2	1446.7	1657.6	1866.1	2068.6	2277.3
2.5°	493.3	610.0	745.6	897.5	1063.3	1260.5	1459.4	1678.5	1912.4	2146.5	2395.0
0°	495.5	613.3	749.4	899.6	1062.6	1263.8	1464.3	1690.4	1927.4	2165.5	2419.8
-2.5°	493.3	610.0	745.6	897.5	1063.3	1260.5	1459.4	1678.5	1912.4	2146.5	2395.0
-5°	488.7	603.9	738.1	890.6	1058.2	1250.2	1446.7	1657.6	1866.1	2068.6	2277.3
-7.5°	482.0	594.8	726.8	873.2	1023.8	1187.5	1352.2	1522.5	1705.2	1881.1	2058.2
-10°	471.0	572.1	686.6	814.5	948.4	1091.5	1236.4	1383.1	1539.5	1690.2	1835.2
-12.5°	445.3	537.3	640.0	753.9	871.6	994.0	1118.8	1242.5	1371.2	1499.0	1596.1
-15°	418.6	501.6	592.4	692.2	794.7	896.4	1001.0	1102.5	1191.9	1270.8	1317.6
-17.5°	391.4	465.4	544.4	630.2	719.0	800.2	881.6	947.8	1000.4	1043.5	1058.9
-20°	363.8	429.0	496.7	568.7	645.4	704.0	758.2	799.8	824.8	833.1	816.9



REPORT NUMBER: P558518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-940-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	336.1	393.1	451.1	511.8	568.1	610.7	643.1	662.6	662.0	642.2	657.7
-25°	309.9	360.0	408.9	453.9	494.2	523.3	536.6	538.1	517.5	536.3	553.8
-27.5°	285.4	327.9	366.3	399.4	426.1	443.0	443.4	428.9	443.7	456.3	461.1
-30°	261.2	295.8	326.0	350.0	367.2	372.2	360.8	370.2	383.2	388.4	384.2
-32.5°	237.4	265.5	290.2	307.2	314.9	310.1	312.8	324.9	330.8	328.2	318.6
-35°	215.1	239.1	257.7	268.2	268.7	268.4	279.1	284.8	285.3	278.6	280.1
-37.5°	195.3	214.2	228.1	234.2	231.0	241.5	248.3	251.0	247.8	244.1	248.3
-40°	176.4	191.0	202.2	205.1	209.4	217.3	221.9	221.7	216.5	220.2	221.1
-42.5°	158.7	171.4	178.9	181.8	190.2	195.9	198.1	196.8	196.6	198.6	198.6
-45°	143.4	153.4	158.1	165.1	172.4	176.5	177.8	175.8	178.7	179.6	178.6
-47.5°	128.9	137.1	141.5	149.3	155.8	159.2	159.4	160.5	162.1	162.5	161.0
-50°	115.5	122.7	128.5	135.4	140.3	143.2	143.2	145.9	147.2	146.8	145.1
-52.5°	103.6	109.4	116.4	122.4	126.5	128.7	130.1	132.3	133.3	132.9	132.6
-55°	92.3	98.1	104.7	110.1	113.8	115.6	117.7	119.5	120.1	119.7	121.0
-57.5°	82.3	87.9	93.7	98.4	101.8	103.8	106.1	107.3	107.8	107.5	109.7
-60°	73.2	78.3	83.3	87.5	90.4	92.8	94.9	96.0	96.3	96.8	98.9
-62.5°	64.4	69.4	73.6	77.0	79.8	82.1	84.1	85.1	85.3	86.6	88.5
-65°	56.2	60.7	64.5	67.5	69.6	72.1	73.8	74.7	74.9	76.7	78.3
-67.5°	48.1	52.3	55.7	58.4	60.5	62.5	64.0	65.0	65.5	67.1	68.4
-70°	41.2	44.2	47.3	49.8	51.7	53.3	54.7	55.6	56.5	58.1	59.3
-72.5°	34.6	37.2	39.4	41.4	43.2	44.6	45.6	46.3	47.3	48.9	50.1
-75°	28.3	30.2	32.1	33.8	35.2	36.1	36.9	37.5	38.5	39.8	40.9
-77.5°	22.2	23.8	25.2	26.4	27.4	28.2	28.9	29.2	30.1	31.1	32.0
-80°	16.4	17.4	18.5	19.4	20.3	21.0	21.5	21.7	22.2	22.9	23.7
-82.5°	11.0	11.9	12.6	13.1	13.8	14.3	14.8	15.2	15.7	16.1	16.4
-85°	5.9	6.3	7.0	7.6	8.1	8.6	9.0	9.3	9.6	9.9	10.1
-87.5°	3.0	3.2	3.4	3.6	3.7	3.9	4.0	4.2	4.3	4.5	4.7
-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: P558518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-940-U-NAT-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°	4.8	4.7	4.6	4.5	4.4	4.4	4.4	4.4	4.3	4.3	4.2
85°	10.2	10.4	10.6	10.8	11.0	11.2	11.3	11.5	11.6	11.6	11.5
82.5°	16.7	17.3	17.8	18.4	18.9	19.1	19.3	19.4	19.5	19.6	19.8
80°	24.3	25.1	25.8	26.5	27.0	27.3	27.6	27.9	28.1	28.3	28.4
77.5°	32.8	33.7	34.6	35.3	36.0	36.6	37.1	37.6	37.9	38.3	38.8
75°	41.9	42.9	44.0	45.0	45.8	46.7	47.6	48.5	49.2	49.8	50.3
72.5°	51.1	52.2	53.5	54.7	55.9	57.1	58.3	59.4	60.3	61.2	61.9
70°	60.2	61.2	62.9	64.5	66.1	67.6	69.0	70.3	71.5	72.6	73.6
67.5°	69.5	70.6	72.7	74.6	76.4	78.0	79.7	81.2	82.5	83.6	84.7
65°	79.5	80.5	82.8	84.9	86.7	88.2	90.0	91.7	93.1	94.4	95.5
62.5°	89.9	90.8	92.7	94.8	96.5	98.0	100.1	102.0	103.5	104.8	105.9
60°	100.4	101.2	102.7	104.9	106.9	108.5	110.3	112.1	113.7	115.0	116.1
57.5°	111.3	112.1	112.8	115.1	117.0	118.4	120.1	121.8	123.3	124.5	125.7
55°	122.6	123.2	123.0	125.1	126.8	128.0	129.3	131.1	132.5	133.6	134.7
52.5°	134.1	134.8	134.3	135.2	137.1	138.2	138.7	140.7	142.2	143.1	144.1
50°	146.9	147.5	147.0	146.5	148.4	149.5	149.8	151.4	152.8	153.5	154.2
47.5°	160.8	161.6	161.2	159.2	160.8	162.2	162.2	162.9	164.3	164.9	165.3
45°	176.0	177.4	177.1	175.7	175.4	176.8	176.7	176.1	177.8	178.5	178.7
42.5°	195.8	195.3	195.8	194.9	192.4	194.0	194.2	192.2	194.2	195.1	194.6
40°	220.1	215.7	218.1	217.7	215.4	215.0	216.3	214.6	214.9	216.2	215.2
37.5°	249.0	245.8	244.5	245.6	244.9	241.9	244.2	243.7	241.8	243.9	243.0
35°	284.5	283.6	276.4	280.8	281.7	278.8	279.7	280.9	276.8	280.0	279.7
32.5°	326.1	328.2	326.7	324.0	328.1	328.6	323.9	329.5	327.3	328.1	330.3
30°	373.3	384.1	389.3	384.6	387.1	392.1	389.9	393.8	395.7	392.7	398.3
27.5°	455.5	451.7	464.3	469.8	463.9	473.1	479.8	476.8	486.6	480.8	489.0
25°	560.1	554.5	557.9	576.0	580.0	575.3	594.1	596.4	604.1	605.0	610.8
22.5°	683.0	696.6	695.0	700.5	723.3	730.9	737.9	755.9	751.8	768.2	771.0
20°	820.4	854.6	878.1	883.1	892.8	919.0	931.0	945.2	954.8	970.3	983.4
17.5°	1052.8	1035.3	1081.5	1110.5	1125.7	1131.2	1162.7	1173.0	1196.7	1210.3	1223.7
15°	1351.3	1361.4	1340.6	1368.2	1415.0	1430.8	1412.6	1455.0	1466.9	1489.7	1493.8
12.5°	1670.2	1721.8	1747.2	1754.0	1729.6	1796.1	1822.7	1789.3	1827.2	1820.4	1851.6
10°	1974.6	2100.0	2175.1	2228.0	2260.0	2279.4	2298.7	2333.2	2333.8	2359.4	2344.4
7.5°	2224.4	2383.5	2535.5	2682.9	2800.7	2866.9	2918.8	2968.6	3035.0	3066.8	3087.5
5°	2468.9	2652.4	2834.3	3012.9	3174.7	3330.4	3483.0	3615.3	3685.4	3767.4	3840.5
2.5°	2627.0	2859.1	3091.4	3321.3	3508.3	3679.9	3838.7	3986.2	4115.6	4235.2	4336.3
0°	2657.9	2917.7	3159.9	3389.4	3599.9	3811.8	3996.8	4163.6	4304.5	4431.6	4517.4
-2.5°	2627.0	2859.1	3091.4	3321.3	3508.3	3679.9	3838.7	3986.2	4115.6	4235.2	4336.3
-5°	2468.9	2652.4	2834.3	3012.9	3174.7	3330.4	3483.0	3615.3	3685.4	3767.4	3840.5
-7.5°	2224.4	2383.5	2535.5	2682.9	2800.7	2866.9	2918.8	2968.6	3035.0	3066.8	3087.5
-10°	1974.6	2100.0	2175.1	2228.0	2260.0	2279.4	2298.7	2333.2	2333.8	2359.4	2344.4
-12.5°	1670.2	1721.8	1747.2	1754.0	1729.6	1796.1	1822.7	1789.3	1827.2	1820.4	1851.6
-15°	1351.3	1361.4	1340.6	1368.2	1415.0	1430.8	1412.6	1455.0	1466.9	1489.7	1493.8
-17.5°	1052.8	1035.3	1081.5	1110.5	1125.7	1131.2	1162.7	1173.0	1196.7	1210.3	1223.7
-20°	820.4	854.6	878.1	883.1	892.8	919.0	931.0	945.2	954.8	970.3	983.4



REPORT NUMBER: P558518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-940-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	683.0	696.6	695.0	700.5	723.3	730.9	737.9	755.9	751.8	768.2	771.0
-25°	560.1	554.5	557.9	576.0	580.0	575.3	594.1	596.4	604.1	605.0	610.8
-27.5°	455.5	451.7	464.3	469.8	463.9	473.1	479.8	476.8	486.6	480.8	489.0
-30°	373.3	384.1	389.3	384.6	387.1	392.1	389.9	393.8	395.7	392.7	398.3
-32.5°	326.1	328.2	326.7	324.0	328.1	328.6	323.9	329.5	327.3	328.1	330.3
-35°	284.5	283.6	276.4	280.8	281.7	278.8	279.7	280.9	276.8	280.0	279.7
-37.5°	249.0	245.8	244.5	245.6	244.9	241.9	244.2	243.7	241.8	243.9	243.0
-40°	220.1	215.7	218.1	217.7	215.4	215.0	216.3	214.6	214.9	216.2	215.2
-42.5°	195.8	195.3	195.8	194.9	192.4	194.0	194.2	192.2	194.2	195.1	194.6
-45°	176.0	177.4	177.1	175.7	175.4	176.8	176.7	176.1	177.8	178.5	178.7
-47.5°	160.8	161.6	161.2	159.2	160.8	162.2	162.2	162.9	164.3	164.9	165.3
-50°	146.9	147.5	147.0	146.5	148.4	149.5	149.8	151.4	152.8	153.5	154.2
-52.5°	134.1	134.8	134.3	135.2	137.1	138.2	138.7	140.7	142.2	143.1	144.1
-55°	122.6	123.2	123.0	125.1	126.8	128.0	129.3	131.1	132.5	133.6	134.7
-57.5°	111.3	112.1	112.8	115.1	117.0	118.4	120.1	121.8	123.3	124.5	125.7
-60°	100.4	101.2	102.7	104.9	106.9	108.5	110.3	112.1	113.7	115.0	116.1
-62.5°	89.9	90.8	92.7	94.8	96.5	98.0	100.1	102.0	103.5	104.8	105.9
-65°	79.5	80.5	82.8	84.9	86.7	88.2	90.0	91.7	93.1	94.4	95.5
-67.5°	69.5	70.6	72.7	74.6	76.4	78.0	79.7	81.2	82.5	83.6	84.7
-70°	60.2	61.2	62.9	64.5	66.1	67.6	69.0	70.3	71.5	72.6	73.6
-72.5°	51.1	52.2	53.5	54.7	55.9	57.1	58.3	59.4	60.3	61.2	61.9
-75°	41.9	42.9	44.0	45.0	45.8	46.7	47.6	48.5	49.2	49.8	50.3
-77.5°	32.8	33.7	34.6	35.3	36.0	36.6	37.1	37.6	37.9	38.3	38.8
-80°	24.3	25.1	25.8	26.5	27.0	27.3	27.6	27.9	28.1	28.3	28.4
-82.5°	16.7	17.3	17.8	18.4	18.9	19.1	19.3	19.4	19.5	19.6	19.8
-85°	10.2	10.4	10.6	10.8	11.0	11.2	11.3	11.5	11.6	11.6	11.5
-87.5°	4.8	4.7	4.6	4.5	4.4	4.4	4.4	4.4	4.3	4.3	4.2
-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: P558518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-940-U-NAT-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°	4.2	4.1	4.3	4.5	4.3	4.1	4.2	4.2	4.3	4.3	4.4
85°	11.5	11.3	11.5	11.7	11.5	11.3	11.5	11.5	11.6	11.6	11.5
82.5°	19.9	19.9	20.0	20.0	20.0	19.9	19.9	19.8	19.6	19.5	19.4
80°	28.5	28.5	28.4	28.3	28.4	28.5	28.5	28.4	28.3	28.1	27.9
77.5°	39.1	39.4	39.5	39.6	39.5	39.4	39.1	38.8	38.3	37.9	37.6
75°	50.6	50.7	50.7	50.6	50.7	50.7	50.6	50.3	49.8	49.2	48.5
72.5°	62.6	63.1	63.2	63.1	63.2	63.1	62.6	61.9	61.2	60.3	59.4
70°	74.4	75.1	75.1	74.8	75.1	75.1	74.4	73.6	72.6	71.5	70.3
67.5°	85.5	86.1	86.5	86.8	86.5	86.1	85.5	84.7	83.6	82.5	81.2
65°	96.4	97.0	97.4	97.5	97.4	97.0	96.4	95.5	94.4	93.1	91.7
62.5°	106.7	107.3	107.7	107.8	107.7	107.3	106.7	105.9	104.8	103.5	102.0
60°	117.0	117.7	117.8	117.5	117.8	117.7	117.0	116.1	115.0	113.7	112.1
57.5°	126.6	127.3	127.3	126.8	127.3	127.3	126.6	125.7	124.5	123.3	121.8
55°	135.5	135.9	136.1	136.1	136.1	135.9	135.5	134.7	133.6	132.5	131.1
52.5°	144.9	145.3	145.4	145.4	145.4	145.3	144.9	144.1	143.1	142.2	140.7
50°	154.7	154.7	154.7	154.7	154.7	154.7	154.7	154.2	153.5	152.8	151.4
47.5°	165.9	166.0	166.1	166.1	166.1	166.0	165.9	165.3	164.9	164.3	162.9
45°	179.2	178.8	178.4	178.5	178.4	178.8	179.2	178.7	178.5	177.8	176.1
42.5°	195.1	194.7	194.2	194.3	194.2	194.7	195.1	194.6	195.1	194.2	192.2
40°	216.1	216.0	215.2	215.0	215.2	216.0	216.1	215.2	216.2	214.9	214.6
37.5°	243.1	242.7	241.2	240.5	241.2	242.7	243.1	243.0	243.9	241.8	243.7
35°	278.7	278.2	275.8	276.0	275.8	278.2	278.7	279.7	280.0	276.8	280.9
32.5°	329.2	329.4	325.8	324.9	325.8	329.4	329.2	330.3	328.1	327.3	329.5
30°	394.8	396.3	392.0	393.8	392.0	396.3	394.8	398.3	392.7	395.7	393.8
27.5°	488.9	491.6	487.8	484.8	487.8	491.6	488.9	489.0	480.8	486.6	476.8
25°	618.3	620.4	616.1	612.3	616.1	620.4	618.3	610.8	605.0	604.1	596.4
22.5°	786.8	786.7	786.5	792.5	786.5	786.7	786.8	771.0	768.2	751.8	755.9
20°	991.9	986.9	994.4	999.2	994.4	986.9	991.9	983.4	970.3	954.8	945.2
17.5°	1226.8	1236.1	1243.3	1255.2	1243.3	1236.1	1226.8	1223.7	1210.3	1196.7	1173.0
15°	1503.8	1517.9	1525.0	1521.2	1525.0	1517.9	1503.8	1493.8	1489.7	1466.9	1455.0
12.5°	1852.7	1869.4	1857.0	1841.6	1857.0	1869.4	1852.7	1851.6	1820.4	1827.2	1789.3
10°	2344.6	2380.8	2382.8	2352.6	2382.8	2380.8	2344.6	2344.4	2359.4	2333.8	2333.2
7.5°	3099.5	3117.1	3143.7	3145.1	3143.7	3117.1	3099.5	3087.5	3066.8	3035.0	2968.6
5°	3873.6	3920.4	3950.5	4002.7	3950.5	3920.4	3873.6	3840.5	3767.4	3685.4	3615.3
2.5°	4401.6	4462.0	4485.2	4544.3	4485.2	4462.0	4401.6	4336.3	4235.2	4115.6	3986.2
0°	4593.9	4642.8	4672.1	4695.6	4672.1	4642.8	4593.9	4517.4	4431.6	4304.5	4163.6
-2.5°	4401.6	4462.0	4485.2	4544.3	4485.2	4462.0	4401.6	4336.3	4235.2	4115.6	3986.2
-5°	3873.6	3920.4	3950.5	4002.7	3950.5	3920.4	3873.6	3840.5	3767.4	3685.4	3615.3
-7.5°	3099.5	3117.1	3143.7	3145.1	3143.7	3117.1	3099.5	3087.5	3066.8	3035.0	2968.6
-10°	2344.6	2380.8	2382.8	2352.6	2382.8	2380.8	2344.6	2344.4	2359.4	2333.8	2333.2
-12.5°	1852.7	1869.4	1857.0	1841.6	1857.0	1869.4	1852.7	1851.6	1820.4	1827.2	1789.3
-15°	1503.8	1517.9	1525.0	1521.2	1525.0	1517.9	1503.8	1493.8	1489.7	1466.9	1455.0
-17.5°	1226.8	1236.1	1243.3	1255.2	1243.3	1236.1	1226.8	1223.7	1210.3	1196.7	1173.0
-20°	991.9	986.9	994.4	999.2	994.4	986.9	991.9	983.4	970.3	954.8	945.2



REPORT NUMBER: P558518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-940-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	786.8	786.7	786.5	792.5	786.5	786.7	786.8	771.0	768.2	751.8	755.9
-25°	618.3	620.4	616.1	612.3	616.1	620.4	618.3	610.8	605.0	604.1	596.4
-27.5°	488.9	491.6	487.8	484.8	487.8	491.6	488.9	489.0	480.8	486.6	476.8
-30°	394.8	396.3	392.0	393.8	392.0	396.3	394.8	398.3	392.7	395.7	393.8
-32.5°	329.2	329.4	325.8	324.9	325.8	329.4	329.2	330.3	328.1	327.3	329.5
-35°	278.7	278.2	275.8	276.0	275.8	278.2	278.7	279.7	280.0	276.8	280.9
-37.5°	243.1	242.7	241.2	240.5	241.2	242.7	243.1	243.0	243.9	241.8	243.7
-40°	216.1	216.0	215.2	215.0	215.2	216.0	216.1	215.2	216.2	214.9	214.6
-42.5°	195.1	194.7	194.2	194.3	194.2	194.7	195.1	194.6	195.1	194.2	192.2
-45°	179.2	178.8	178.4	178.5	178.4	178.8	179.2	178.7	178.5	177.8	176.1
-47.5°	165.9	166.0	166.1	166.1	166.1	166.0	165.9	165.3	164.9	164.3	162.9
-50°	154.7	154.7	154.7	154.7	154.7	154.7	154.7	154.2	153.5	152.8	151.4
-52.5°	144.9	145.3	145.4	145.4	145.4	145.3	144.9	144.1	143.1	142.2	140.7
-55°	135.5	135.9	136.1	136.1	136.1	135.9	135.5	134.7	133.6	132.5	131.1
-57.5°	126.6	127.3	127.3	126.8	127.3	127.3	126.6	125.7	124.5	123.3	121.8
-60°	117.0	117.7	117.8	117.5	117.8	117.7	117.0	116.1	115.0	113.7	112.1
-62.5°	106.7	107.3	107.7	107.8	107.7	107.3	106.7	105.9	104.8	103.5	102.0
-65°	96.4	97.0	97.4	97.5	97.4	97.0	96.4	95.5	94.4	93.1	91.7
-67.5°	85.5	86.1	86.5	86.8	86.5	86.1	85.5	84.7	83.6	82.5	81.2
-70°	74.4	75.1	75.1	74.8	75.1	75.1	74.4	73.6	72.6	71.5	70.3
-72.5°	62.6	63.1	63.2	63.1	63.2	63.1	62.6	61.9	61.2	60.3	59.4
-75°	50.6	50.7	50.7	50.6	50.7	50.7	50.6	50.3	49.8	49.2	48.5
-77.5°	39.1	39.4	39.5	39.6	39.5	39.4	39.1	38.8	38.3	37.9	37.6
-80°	28.5	28.5	28.4	28.3	28.4	28.5	28.5	28.4	28.3	28.1	27.9
-82.5°	19.9	19.9	20.0	20.0	20.0	19.9	19.9	19.8	19.6	19.5	19.4
-85°	11.5	11.3	11.5	11.7	11.5	11.3	11.5	11.5	11.6	11.6	11.5
-87.5°	4.2	4.1	4.3	4.5	4.3	4.1	4.2	4.2	4.3	4.3	4.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-940-U-NAT-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°	4.4	4.4	4.4	4.5	4.6	4.7	4.8	4.7	4.5	4.3	4.2
85°	11.3	11.2	11.0	10.8	10.6	10.4	10.2	10.1	9.9	9.6	9.3
82.5°	19.3	19.1	18.9	18.4	17.8	17.3	16.7	16.4	16.1	15.7	15.2
80°	27.6	27.3	27.0	26.5	25.8	25.1	24.3	23.7	22.9	22.2	21.7
77.5°	37.1	36.6	36.0	35.3	34.6	33.7	32.8	32.0	31.1	30.1	29.2
75°	47.6	46.7	45.8	45.0	44.0	42.9	41.9	40.9	39.8	38.5	37.5
72.5°	58.3	57.1	55.9	54.7	53.5	52.2	51.1	50.1	48.9	47.3	46.3
70°	69.0	67.6	66.1	64.5	62.9	61.2	60.2	59.3	58.1	56.5	55.6
67.5°	79.7	78.0	76.4	74.6	72.7	70.6	69.5	68.4	67.1	65.5	65.0
65°	90.0	88.2	86.7	84.9	82.8	80.5	79.5	78.3	76.7	74.9	74.7
62.5°	100.1	98.0	96.5	94.8	92.7	90.8	89.9	88.5	86.6	85.3	85.1
60°	110.3	108.5	106.9	104.9	102.7	101.2	100.4	98.9	96.8	96.3	96.0
57.5°	120.1	118.4	117.0	115.1	112.8	112.1	111.3	109.7	107.5	107.8	107.3
55°	129.3	128.0	126.8	125.1	123.0	123.2	122.6	121.0	119.7	120.1	119.5
52.5°	138.7	138.2	137.1	135.2	134.3	134.8	134.1	132.6	132.9	133.3	132.3
50°	149.8	149.5	148.4	146.5	147.0	147.5	146.9	145.1	146.8	147.2	145.9
47.5°	162.2	162.2	160.8	159.2	161.2	161.6	160.8	161.0	162.5	162.1	160.5
45°	176.7	176.8	175.4	175.7	177.1	177.4	176.0	178.6	179.6	178.7	175.8
42.5°	194.2	194.0	192.4	194.9	195.8	195.3	195.8	198.6	198.6	196.6	196.8
40°	216.3	215.0	215.4	217.7	218.1	215.7	220.1	221.1	220.2	216.5	221.7
37.5°	244.2	241.9	244.9	245.6	244.5	245.8	249.0	248.3	244.1	247.8	251.0
35°	279.7	278.8	281.7	280.8	276.4	283.6	284.5	280.1	278.6	285.3	284.8
32.5°	323.9	328.6	328.1	324.0	326.7	328.2	326.1	318.6	328.2	330.8	324.9
30°	389.9	392.1	387.1	384.6	389.3	384.1	373.3	384.2	388.4	383.2	370.2
27.5°	479.8	473.1	463.9	469.8	464.3	451.7	455.5	461.1	456.3	443.7	428.9
25°	594.1	575.3	580.0	576.0	557.9	554.5	560.1	553.8	536.3	517.5	538.1
22.5°	737.9	730.9	723.3	700.5	695.0	696.6	683.0	657.7	642.2	662.0	662.6
20°	931.0	919.0	892.8	883.1	878.1	854.6	820.4	816.9	833.1	824.8	799.8
17.5°	1162.7	1131.2	1125.7	1110.5	1081.5	1035.3	1052.8	1058.9	1043.5	1000.4	947.8
15°	1412.6	1430.8	1415.0	1368.2	1340.6	1361.4	1351.3	1317.6	1270.8	1191.9	1102.5
12.5°	1822.7	1796.1	1729.6	1754.0	1747.2	1721.8	1670.2	1596.1	1499.0	1371.2	1242.5
10°	2298.7	2279.4	2260.0	2228.0	2175.1	2100.0	1974.6	1835.2	1690.2	1539.5	1383.1
7.5°	2918.8	2866.9	2800.7	2682.9	2535.5	2383.5	2224.4	2058.2	1881.1	1705.2	1522.5
5°	3483.0	3330.4	3174.7	3012.9	2834.3	2652.4	2468.9	2277.3	2068.6	1866.1	1657.6
2.5°	3838.7	3679.9	3508.3	3321.3	3091.4	2859.1	2627.0	2395.0	2146.5	1912.4	1678.5
0°	3996.8	3811.8	3599.9	3389.4	3159.9	2917.7	2657.9	2419.8	2165.5	1927.4	1690.4
-2.5°	3838.7	3679.9	3508.3	3321.3	3091.4	2859.1	2627.0	2395.0	2146.5	1912.4	1678.5
-5°	3483.0	3330.4	3174.7	3012.9	2834.3	2652.4	2468.9	2277.3	2068.6	1866.1	1657.6
-7.5°	2918.8	2866.9	2800.7	2682.9	2535.5	2383.5	2224.4	2058.2	1881.1	1705.2	1522.5
-10°	2298.7	2279.4	2260.0	2228.0	2175.1	2100.0	1974.6	1835.2	1690.2	1539.5	1383.1
-12.5°	1822.7	1796.1	1729.6	1754.0	1747.2	1721.8	1670.2	1596.1	1499.0	1371.2	1242.5
-15°	1412.6	1430.8	1415.0	1368.2	1340.6	1361.4	1351.3	1317.6	1270.8	1191.9	1102.5
-17.5°	1162.7	1131.2	1125.7	1110.5	1081.5	1035.3	1052.8	1058.9	1043.5	1000.4	947.8
-20°	931.0	919.0	892.8	883.1	878.1	854.6	820.4	816.9	833.1	824.8	799.8



REPORT NUMBER: P558518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-940-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	737.9	730.9	723.3	700.5	695.0	696.6	683.0	657.7	642.2	662.0	662.6
-25°	594.1	575.3	580.0	576.0	557.9	554.5	560.1	553.8	536.3	517.5	538.1
-27.5°	479.8	473.1	463.9	469.8	464.3	451.7	455.5	461.1	456.3	443.7	428.9
-30°	389.9	392.1	387.1	384.6	389.3	384.1	373.3	384.2	388.4	383.2	370.2
-32.5°	323.9	328.6	328.1	324.0	326.7	328.2	326.1	318.6	328.2	330.8	324.9
-35°	279.7	278.8	281.7	280.8	276.4	283.6	284.5	280.1	278.6	285.3	284.8
-37.5°	244.2	241.9	244.9	245.6	244.5	245.8	249.0	248.3	244.1	247.8	251.0
-40°	216.3	215.0	215.4	217.7	218.1	215.7	220.1	221.1	220.2	216.5	221.7
-42.5°	194.2	194.0	192.4	194.9	195.8	195.3	195.8	198.6	198.6	196.6	196.8
-45°	176.7	176.8	175.4	175.7	177.1	177.4	176.0	178.6	179.6	178.7	175.8
-47.5°	162.2	162.2	160.8	159.2	161.2	161.6	160.8	161.0	162.5	162.1	160.5
-50°	149.8	149.5	148.4	146.5	147.0	147.5	146.9	145.1	146.8	147.2	145.9
-52.5°	138.7	138.2	137.1	135.2	134.3	134.8	134.1	132.6	132.9	133.3	132.3
-55°	129.3	128.0	126.8	125.1	123.0	123.2	122.6	121.0	119.7	120.1	119.5
-57.5°	120.1	118.4	117.0	115.1	112.8	112.1	111.3	109.7	107.5	107.8	107.3
-60°	110.3	108.5	106.9	104.9	102.7	101.2	100.4	98.9	96.8	96.3	96.0
-62.5°	100.1	98.0	96.5	94.8	92.7	90.8	89.9	88.5	86.6	85.3	85.1
-65°	90.0	88.2	86.7	84.9	82.8	80.5	79.5	78.3	76.7	74.9	74.7
-67.5°	79.7	78.0	76.4	74.6	72.7	70.6	69.5	68.4	67.1	65.5	65.0
-70°	69.0	67.6	66.1	64.5	62.9	61.2	60.2	59.3	58.1	56.5	55.6
-72.5°	58.3	57.1	55.9	54.7	53.5	52.2	51.1	50.1	48.9	47.3	46.3
-75°	47.6	46.7	45.8	45.0	44.0	42.9	41.9	40.9	39.8	38.5	37.5
-77.5°	37.1	36.6	36.0	35.3	34.6	33.7	32.8	32.0	31.1	30.1	29.2
-80°	27.6	27.3	27.0	26.5	25.8	25.1	24.3	23.7	22.9	22.2	21.7
-82.5°	19.3	19.1	18.9	18.4	17.8	17.3	16.7	16.4	16.1	15.7	15.2
-85°	11.3	11.2	11.0	10.8	10.6	10.4	10.2	10.1	9.9	9.6	9.3
-87.5°	4.4	4.4	4.4	4.5	4.6	4.7	4.8	4.7	4.5	4.3	4.2
-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: P558518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-940-U-NAT-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°	4.0	3.9	3.7	3.6	3.4	3.2	3.0	2.7	2.6	2.3	2.1
85°	9.0	8.6	8.1	7.6	7.0	6.3	5.9	5.5	5.1	4.7	4.2
82.5°	14.8	14.3	13.8	13.1	12.6	11.9	11.0	9.8	8.6	7.2	6.3
80°	21.5	21.0	20.3	19.4	18.5	17.4	16.4	15.1	13.5	11.7	9.8
77.5°	28.9	28.2	27.4	26.4	25.2	23.8	22.2	20.5	18.4	16.3	13.9
75°	36.9	36.1	35.2	33.8	32.1	30.2	28.3	26.2	23.7	20.8	18.0
72.5°	45.6	44.6	43.2	41.4	39.4	37.2	34.6	31.9	29.1	25.9	22.2
70°	54.7	53.3	51.7	49.8	47.3	44.2	41.2	38.1	34.6	31.0	26.8
67.5°	64.0	62.5	60.5	58.4	55.7	52.3	48.1	44.6	40.8	36.1	31.5
65°	73.8	72.1	69.6	67.5	64.5	60.7	56.2	51.6	47.1	42.0	36.1
62.5°	84.1	82.1	79.8	77.0	73.6	69.4	64.4	59.5	53.6	47.9	41.3
60°	94.9	92.8	90.4	87.5	83.3	78.3	73.2	67.5	61.1	53.8	46.7
57.5°	106.1	103.8	101.8	98.4	93.7	87.9	82.3	76.1	68.5	60.5	52.1
55°	117.7	115.6	113.8	110.1	104.7	98.1	92.3	85.2	76.3	67.3	57.5
52.5°	130.1	128.7	126.5	122.4	116.4	109.4	103.6	94.5	85.0	74.1	63.5
50°	143.2	143.2	140.3	135.4	128.5	122.7	115.5	105.7	93.9	81.3	69.7
47.5°	159.4	159.2	155.8	149.3	141.5	137.1	128.9	117.4	103.0	89.5	75.9
45°	177.8	176.5	172.4	165.1	158.1	153.4	143.4	129.5	114.0	97.9	82.1
42.5°	198.1	195.9	190.2	181.8	178.9	171.4	158.7	143.3	125.4	106.3	89.0
40°	221.9	217.3	209.4	205.1	202.2	191.0	176.4	157.9	136.9	115.2	96.2
37.5°	248.3	241.5	231.0	234.2	228.1	214.2	195.3	172.9	149.0	125.4	103.4
35°	279.1	268.4	268.7	268.2	257.7	239.1	215.1	189.1	162.4	135.6	110.5
32.5°	312.8	310.1	314.9	307.2	290.2	265.5	237.4	207.0	176.0	145.6	117.4
30°	360.8	372.2	367.2	350.0	326.0	295.8	261.2	225.3	189.6	155.6	124.6
27.5°	443.4	443.0	426.1	399.4	366.3	327.9	285.4	243.9	203.4	166.0	132.7
25°	536.6	523.3	494.2	453.9	408.9	360.0	309.9	262.8	218.3	177.2	140.6
22.5°	643.1	610.7	568.1	511.8	451.1	393.1	336.1	283.5	233.8	188.2	148.2
20°	758.2	704.0	645.4	568.7	496.7	429.0	363.8	304.0	249.0	199.0	155.5
17.5°	881.6	800.2	719.0	630.2	544.4	465.4	391.4	324.1	263.9	209.3	162.4
15°	1001.0	896.4	794.7	692.2	592.4	501.6	418.6	343.8	278.4	219.2	167.9
12.5°	1118.8	994.0	871.6	753.9	640.0	537.3	445.3	362.7	292.2	226.4	171.4
10°	1236.4	1091.5	948.4	814.5	686.6	572.1	471.0	377.5	298.7	230.9	174.4
7.5°	1352.2	1187.5	1023.8	873.2	726.8	594.8	482.0	384.2	303.0	234.6	176.7
5°	1446.7	1250.2	1058.2	890.6	738.1	603.9	488.7	389.4	306.0	237.4	178.4
2.5°	1459.4	1260.5	1063.3	897.5	745.6	610.0	493.3	393.0	307.6	239.3	179.5
0°	1464.3	1263.8	1062.6	899.6	749.4	613.3	495.5	394.9	308.0	240.2	179.9
-2.5°	1459.4	1260.5	1063.3	897.5	745.6	610.0	493.3	393.0	307.6	239.3	179.5
-5°	1446.7	1250.2	1058.2	890.6	738.1	603.9	488.7	389.4	306.0	237.4	178.4
-7.5°	1352.2	1187.5	1023.8	873.2	726.8	594.8	482.0	384.2	303.0	234.6	176.7
-10°	1236.4	1091.5	948.4	814.5	686.6	572.1	471.0	377.5	298.7	230.9	174.4
-12.5°	1118.8	994.0	871.6	753.9	640.0	537.3	445.3	362.7	292.2	226.4	171.4
-15°	1001.0	896.4	794.7	692.2	592.4	501.6	418.6	343.8	278.4	219.2	167.9
-17.5°	881.6	800.2	719.0	630.2	544.4	465.4	391.4	324.1	263.9	209.3	162.4
-20°	758.2	704.0	645.4	568.7	496.7	429.0	363.8	304.0	249.0	199.0	155.5



REPORT NUMBER: P558518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-940-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	643.1	610.7	568.1	511.8	451.1	393.1	336.1	283.5	233.8	188.2	148.2
-25°	536.6	523.3	494.2	453.9	408.9	360.0	309.9	262.8	218.3	177.2	140.6
-27.5°	443.4	443.0	426.1	399.4	366.3	327.9	285.4	243.9	203.4	166.0	132.7
-30°	360.8	372.2	367.2	350.0	326.0	295.8	261.2	225.3	189.6	155.6	124.6
-32.5°	312.8	310.1	314.9	307.2	290.2	265.5	237.4	207.0	176.0	145.6	117.4
-35°	279.1	268.4	268.7	268.2	257.7	239.1	215.1	189.1	162.4	135.6	110.5
-37.5°	248.3	241.5	231.0	234.2	228.1	214.2	195.3	172.9	149.0	125.4	103.4
-40°	221.9	217.3	209.4	205.1	202.2	191.0	176.4	157.9	136.9	115.2	96.2
-42.5°	198.1	195.9	190.2	181.8	178.9	171.4	158.7	143.3	125.4	106.3	89.0
-45°	177.8	176.5	172.4	165.1	158.1	153.4	143.4	129.5	114.0	97.9	82.1
-47.5°	159.4	159.2	155.8	149.3	141.5	137.1	128.9	117.4	103.0	89.5	75.9
-50°	143.2	143.2	140.3	135.4	128.5	122.7	115.5	105.7	93.9	81.3	69.7
-52.5°	130.1	128.7	126.5	122.4	116.4	109.4	103.6	94.5	85.0	74.1	63.5
-55°	117.7	115.6	113.8	110.1	104.7	98.1	92.3	85.2	76.3	67.3	57.5
-57.5°	106.1	103.8	101.8	98.4	93.7	87.9	82.3	76.1	68.5	60.5	52.1
-60°	94.9	92.8	90.4	87.5	83.3	78.3	73.2	67.5	61.1	53.8	46.7
-62.5°	84.1	82.1	79.8	77.0	73.6	69.4	64.4	59.5	53.6	47.9	41.3
-65°	73.8	72.1	69.6	67.5	64.5	60.7	56.2	51.6	47.1	42.0	36.1
-67.5°	64.0	62.5	60.5	58.4	55.7	52.3	48.1	44.6	40.8	36.1	31.5
-70°	54.7	53.3	51.7	49.8	47.3	44.2	41.2	38.1	34.6	31.0	26.8
-72.5°	45.6	44.6	43.2	41.4	39.4	37.2	34.6	31.9	29.1	25.9	22.2
-75°	36.9	36.1	35.2	33.8	32.1	30.2	28.3	26.2	23.7	20.8	18.0
-77.5°	28.9	28.2	27.4	26.4	25.2	23.8	22.2	20.5	18.4	16.3	13.9
-80°	21.5	21.0	20.3	19.4	18.5	17.4	16.4	15.1	13.5	11.7	9.8
-82.5°	14.8	14.3	13.8	13.1	12.6	11.9	11.0	9.8	8.6	7.2	6.3
-85°	9.0	8.6	8.1	7.6	7.0	6.3	5.9	5.5	5.1	4.7	4.2
-87.5°	4.0	3.9	3.7	3.6	3.4	3.2	3.0	2.7	2.6	2.3	2.1
-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: P558518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-940-U-NAT-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°	1.9	1.7	1.4	1.1	0.8	0.4	0.0
85°	3.7	3.3	2.8	2.2	1.6	0.8	0.0
82.5°	5.6	5.0	4.2	3.3	2.3	1.2	0.0
80°	7.7	6.6	5.6	4.5	3.1	1.6	0.0
77.5°	11.3	8.8	7.0	5.6	3.9	1.9	0.0
75°	15.0	11.9	8.6	6.7	4.7	2.3	0.0
72.5°	18.6	15.0	11.2	7.7	5.4	2.7	0.0
70°	22.3	18.1	13.8	9.0	6.1	3.1	0.0
67.5°	26.4	21.2	16.3	10.9	6.9	3.4	0.0
65°	30.6	24.5	18.8	12.9	7.6	3.8	0.0
62.5°	34.7	28.1	21.2	14.8	8.3	4.2	0.0
60°	38.9	31.7	23.7	16.6	9.0	4.5	0.0
57.5°	43.5	35.2	26.5	18.5	10.2	4.8	0.0
55°	48.2	38.6	29.4	20.2	11.4	5.2	0.0
52.5°	52.9	42.1	32.1	22.0	12.6	5.5	0.0
50°	57.4	46.0	34.9	23.7	13.7	5.8	0.0
47.5°	62.0	49.7	37.5	25.5	14.8	6.1	0.0
45°	67.4	53.4	40.2	27.4	15.8	6.4	0.0
42.5°	72.7	57.0	42.7	29.3	16.8	6.6	0.0
40°	78.0	60.5	45.3	31.1	17.8	6.9	0.0
37.5°	83.2	63.8	48.0	32.7	18.7	7.1	0.0
35°	88.3	67.7	50.6	34.3	19.6	7.4	0.0
32.5°	93.6	71.7	53.0	35.7	20.4	7.6	0.0
30°	99.2	75.6	55.4	37.1	21.2	7.8	0.0
27.5°	104.6	79.4	57.3	38.3	21.9	8.0	0.0
25°	109.8	83.0	59.1	39.4	22.6	8.2	0.0
22.5°	114.8	86.2	60.8	40.4	23.3	8.3	0.0
20°	119.5	88.6	62.3	41.3	23.8	8.5	0.0
17.5°	123.0	90.8	63.7	42.1	24.3	8.6	0.0
15°	125.7	92.6	64.9	42.7	24.8	8.7	0.0
12.5°	128.0	94.2	66.0	43.3	25.2	8.8	0.0
10°	129.8	95.4	67.0	43.7	25.5	8.9	0.0
7.5°	131.3	96.4	67.7	44.1	25.8	8.9	0.0
5°	132.4	97.0	68.3	44.3	26.0	9.0	0.0
2.5°	133.1	97.4	68.7	44.4	26.1	9.0	0.0
0°	133.3	97.5	68.9	44.4	26.2	9.0	0.0
-2.5°	133.1	97.4	68.7	44.4	26.1	9.0	0.0
-5°	132.4	97.0	68.3	44.3	26.0	9.0	0.0
-7.5°	131.3	96.4	67.7	44.1	25.8	8.9	0.0
-10°	129.8	95.4	67.0	43.7	25.5	8.9	0.0
-12.5°	128.0	94.2	66.0	43.3	25.2	8.8	0.0
-15°	125.7	92.6	64.9	42.7	24.8	8.7	0.0
-17.5°	123.0	90.8	63.7	42.1	24.3	8.6	0.0
-20°	119.5	88.6	62.3	41.3	23.8	8.5	0.0



REPORT NUMBER: P558518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-940-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	114.8	86.2	60.8	40.4	23.3	8.3	0.0
-25°	109.8	83.0	59.1	39.4	22.6	8.2	0.0
-27.5°	104.6	79.4	57.3	38.3	21.9	8.0	0.0
-30°	99.2	75.6	55.4	37.1	21.2	7.8	0.0
-32.5°	93.6	71.7	53.0	35.7	20.4	7.6	0.0
-35°	88.3	67.7	50.6	34.3	19.6	7.4	0.0
-37.5°	83.2	63.8	48.0	32.7	18.7	7.1	0.0
-40°	78.0	60.5	45.3	31.1	17.8	6.9	0.0
-42.5°	72.7	57.0	42.7	29.3	16.8	6.6	0.0
-45°	67.4	53.4	40.2	27.4	15.8	6.4	0.0
-47.5°	62.0	49.7	37.5	25.5	14.8	6.1	0.0
-50°	57.4	46.0	34.9	23.7	13.7	5.8	0.0
-52.5°	52.9	42.1	32.1	22.0	12.6	5.5	0.0
-55°	48.2	38.6	29.4	20.2	11.4	5.2	0.0
-57.5°	43.5	35.2	26.5	18.5	10.2	4.8	0.0
-60°	38.9	31.7	23.7	16.6	9.0	4.5	0.0
-62.5°	34.7	28.1	21.2	14.8	8.3	4.2	0.0
-65°	30.6	24.5	18.8	12.9	7.6	3.8	0.0
-67.5°	26.4	21.2	16.3	10.9	6.9	3.4	0.0
-70°	22.3	18.1	13.8	9.0	6.1	3.1	0.0
-72.5°	18.6	15.0	11.2	7.7	5.4	2.7	0.0
-75°	15.0	11.9	8.6	6.7	4.7	2.3	0.0
-77.5°	11.3	8.8	7.0	5.6	3.9	1.9	0.0
-80°	7.7	6.6	5.6	4.5	3.1	1.6	0.0
-82.5°	5.6	5.0	4.2	3.3	2.3	1.2	0.0
-85°	3.7	3.3	2.8	2.2	1.6	0.8	0.0
-87.5°	1.9	1.7	1.4	1.1	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)