

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: P558996 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4E-940-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558996 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-4)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA4E-940-U-MR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (64) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

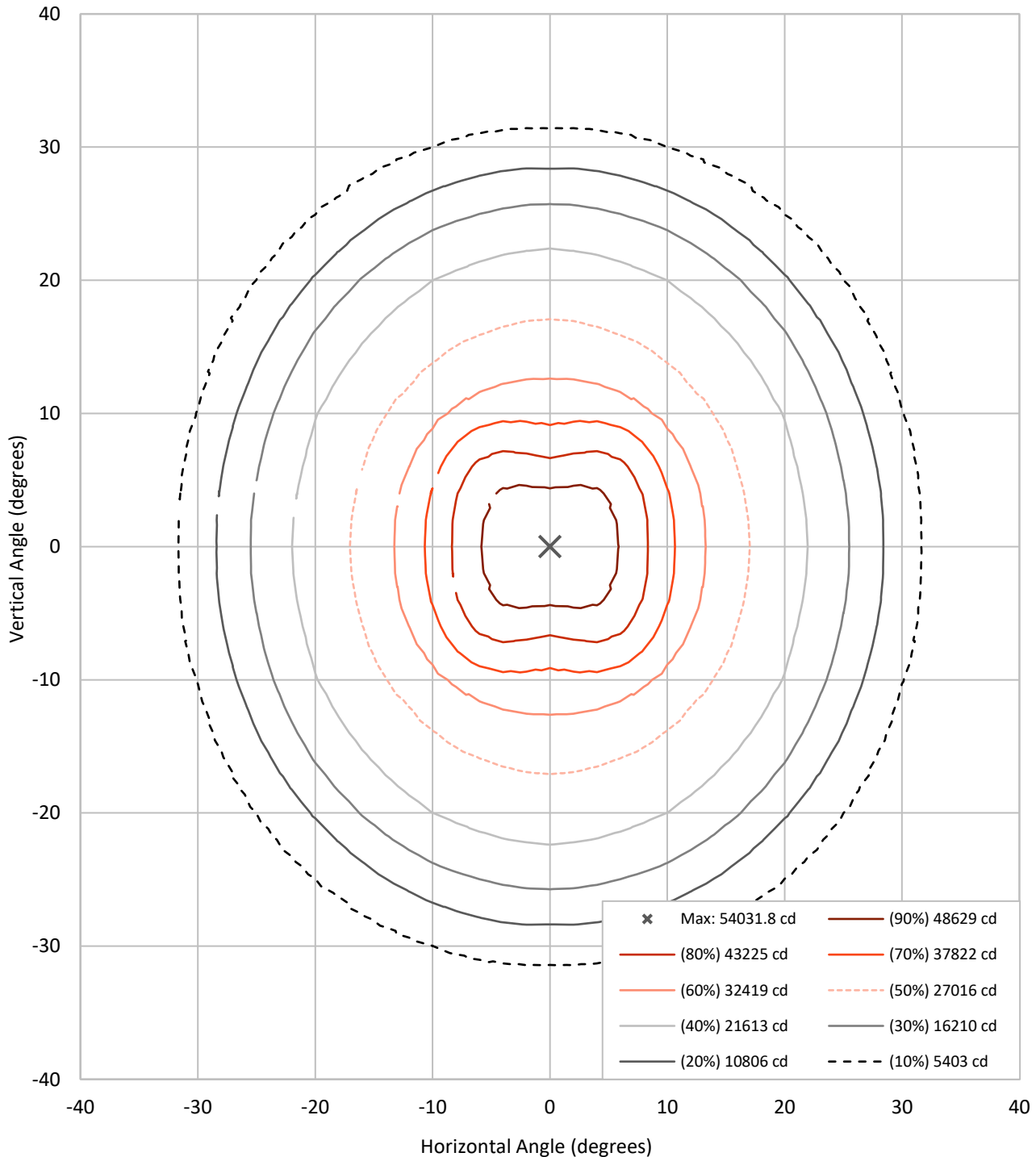
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	23902.2 lumens	Max Intensity:	54031.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	95.6 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	10180.8 lumens	Field Lumens:	20807.5 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 250
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-SA4E-940-U-MR-XX

Iso-Candela Plot





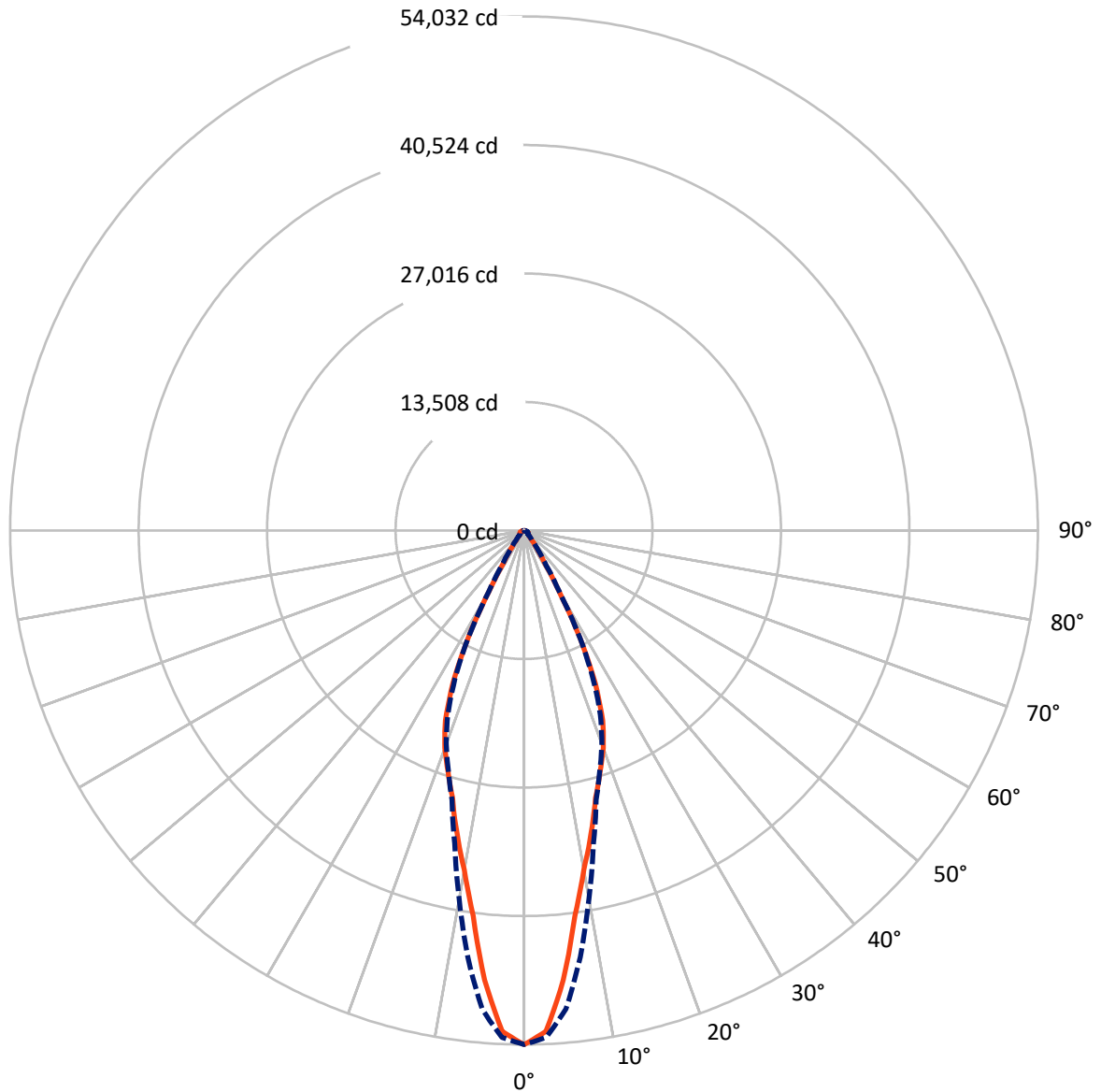
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 CATALOG NUMBER: GFLD-SA4E-940-U-MR-XX

Lumen Table

90																
80	0.3	2.6		7.4		12.2		14.3		12.2		7.4		2.6		0.3
70																
60	1.2	1.4	3.1	5.3	7.7	9.9	11.7	12.6	12.6	11.7	9.9	7.7	5.3	3.1	1.4	1.2
50		2.2	4.9	8.5	11.5	13.0	13.8	14.1	14.1	13.8	13.0	11.5	8.5	4.9	2.2	
40	2.3	3.1	6.8	10.2	11.9	14.7	18.9	21.8	21.8	18.9	14.7	11.9	10.2	6.8	3.1	2.3
30		3.9	7.9	10.3	15.4	30.5	57.9	88.5	88.5	57.9	30.5	15.4	10.3	7.9	3.9	
20	3.1	4.6	8.1	11.5	28.0	93.0	292.5	481.5	481.5	292.5	93.0	28.0	11.5	8.1	4.6	3.1
10		5.0	8.1	14.1	52.3	275.7	651.5	862.8	862.8	651.5	275.7	52.3	14.1	8.1	5.0	
0	3.4	5.2	8.2	16.3	79.4	434.3	847.2	1336.9	1336.9	847.2	434.3	79.4	16.3	8.2	5.2	3.4
-10		5.2	8.2	16.3	79.4	434.3	847.2	1336.9	1336.9	847.2	434.3	79.4	16.3	8.2	5.2	
-20	3.1	5.0	8.1	14.1	52.3	275.7	651.5	862.8	862.8	651.5	275.7	52.3	14.1	8.1	5.0	3.1
-30		4.6	8.1	11.5	28.0	93.0	292.5	481.5	481.5	292.5	93.0	28.0	11.5	8.1	4.6	
-40	2.3	3.9	7.9	10.3	15.4	30.5	57.9	88.5	88.5	57.9	30.5	15.4	10.3	7.9	3.9	2.3
-50		3.1	6.8	10.2	11.9	14.7	18.9	21.8	21.8	18.9	14.7	11.9	10.2	6.8	3.1	
-60	1.2	2.2	4.9	8.5	11.5	13.0	13.8	14.1	14.1	13.8	13.0	11.5	8.5	4.9	2.2	1.2
-70		1.4	3.1	5.3	7.7	9.9	11.7	12.6	12.6	11.7	9.9	7.7	5.3	3.1	1.4	
-80																
-90	0.3	2.6		7.4		12.2		14.3		12.2		7.4		2.6		0.3

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CATALOG NUMBER: GFLD-SA4E-940-U-MR-XX

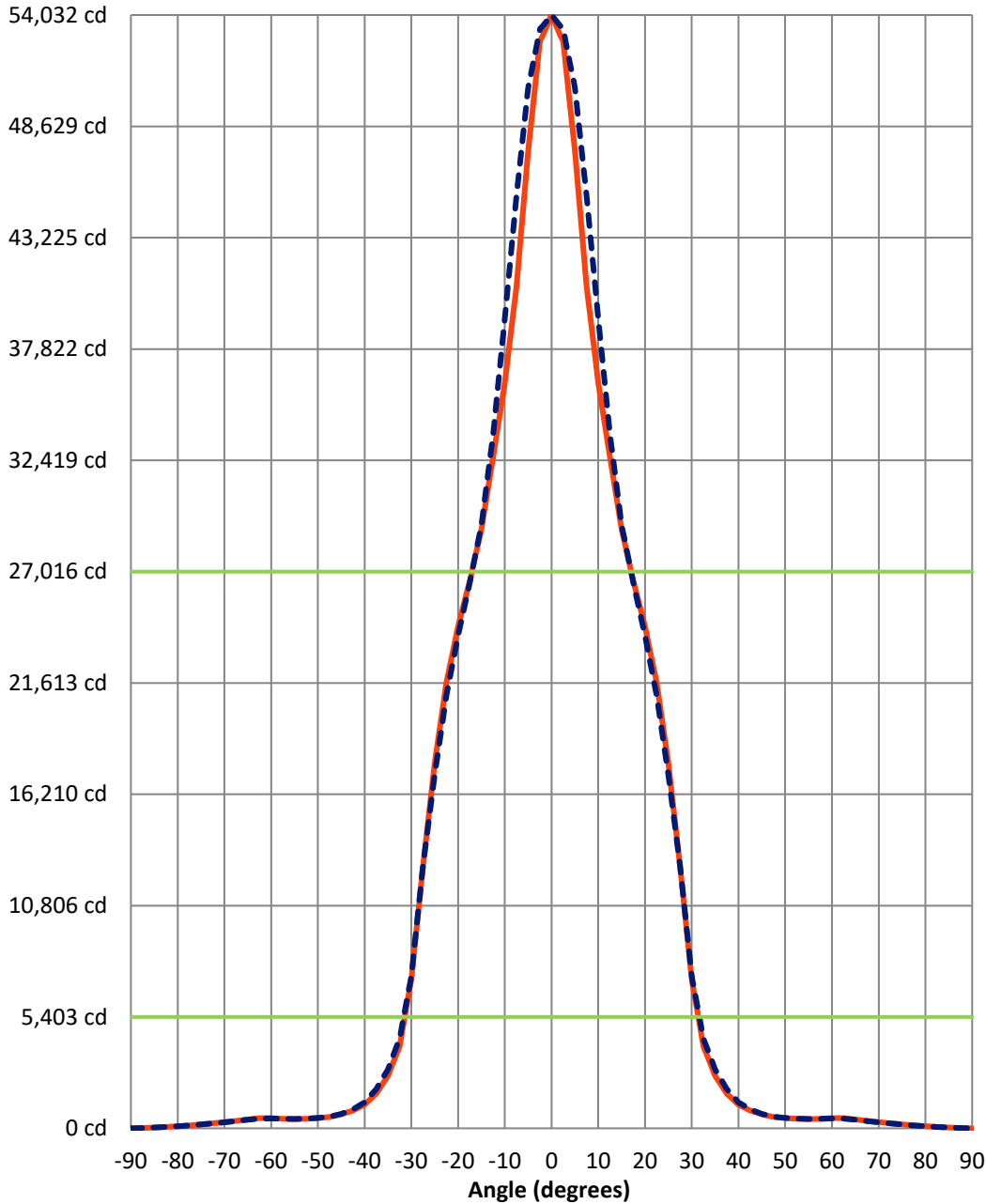
Luminous Intensity Polar Plot



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

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CATALOG NUMBER: GFLD-SA4E-940-U-MR-XX

Luminous Intensity Plot



Beam:
H Angle: 34°
V Angle: 34.1°
Lumens: 10180.8
Efficiency: 42.6%

Field:
H Angle: 63.3°
V Angle: 62.8°
Lumens: 20807.5
Efficiency: 87.1%

Spill:
Lumens: 3094.7
Efficiency: 12.9%

— 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	0.6	1.2	1.8	2.4	3.0	3.6	4.1	4.7	5.3	5.8
85°	0.0	1.2	2.4	3.6	4.8	6.0	7.1	8.3	9.4	10.6	11.7
82.5°	0.0	1.8	3.6	5.4	7.2	8.9	10.7	12.4	14.4	17.2	19.9
80°	0.0	2.4	4.8	7.2	9.5	11.9	14.6	18.7	22.5	26.1	29.5
77.5°	0.0	3.0	6.0	8.9	11.9	15.6	20.9	26.0	30.7	35.0	39.5
75°	0.0	3.6	7.1	10.7	14.5	20.8	27.3	33.2	38.8	44.8	50.9
72.5°	0.0	4.1	8.3	12.4	18.5	25.9	33.5	40.5	47.5	54.7	62.0
70°	0.0	4.7	9.4	14.3	22.5	30.9	39.6	47.9	56.0	64.5	75.4
67.5°	0.0	5.3	10.6	17.2	26.3	35.8	45.8	55.1	64.5	76.9	89.1
65°	0.0	5.8	11.7	20.0	30.1	40.8	51.9	62.2	75.4	89.1	103.6
62.5°	0.0	6.4	12.7	22.7	33.8	46.0	58.0	70.8	86.0	101.7	120.4
60°	0.0	6.9	13.8	25.3	37.4	51.2	64.0	80.0	96.5	116.5	136.9
57.5°	0.0	7.4	15.5	27.9	41.5	56.3	71.5	89.0	108.9	131.1	153.7
55°	0.0	7.9	17.2	30.4	45.6	61.2	79.1	97.8	121.5	145.3	170.4
52.5°	0.0	8.4	18.9	32.8	49.5	66.3	86.4	108.3	133.7	159.6	186.4
50°	0.0	8.9	20.5	35.1	53.4	72.3	93.5	118.5	145.6	173.2	203.2
47.5°	0.0	9.3	22.0	37.5	57.2	78.0	100.6	128.4	157.1	186.2	219.8
45°	0.0	9.8	23.5	40.3	60.9	83.5	108.6	137.8	168.1	200.8	236.1
42.5°	0.0	10.2	25.0	42.9	64.4	88.8	116.2	146.9	178.7	215.0	252.8
40°	0.0	10.6	26.4	45.5	68.1	93.9	123.4	155.8	189.6	228.8	269.0
37.5°	0.0	10.9	27.7	48.0	72.0	98.7	130.1	164.3	201.1	242.0	284.4
35°	0.0	11.3	29.0	50.3	75.6	103.7	136.4	172.4	212.1	254.9	299.2
32.5°	0.0	11.6	30.2	52.4	79.0	108.7	142.5	180.1	222.3	267.1	313.4
30°	0.0	12.0	31.4	54.4	82.3	113.2	148.6	187.6	231.7	278.4	326.6
27.5°	0.0	12.2	32.5	56.1	85.0	117.4	154.3	195.2	240.7	289.0	339.0
25°	0.0	12.5	33.5	57.7	87.5	121.3	159.5	202.3	249.2	299.0	350.3
22.5°	0.0	12.7	34.4	59.1	89.8	124.7	164.3	208.6	257.0	308.2	361.7
20°	0.0	13.0	35.3	60.4	91.8	127.6	168.7	214.3	264.0	316.5	371.9
17.5°	0.0	13.2	36.0	61.4	93.5	130.1	172.6	219.3	270.2	323.8	380.9
15°	0.0	13.3	36.7	62.3	95.0	132.3	175.9	223.7	275.6	330.2	388.5
12.5°	0.0	13.5	37.3	63.0	96.3	134.1	178.8	227.5	280.1	335.6	395.0
10°	0.0	13.6	37.8	63.6	97.3	135.5	181.2	230.6	283.6	340.4	400.7
7.5°	0.0	13.7	38.3	64.0	98.0	136.6	183.1	233.0	286.2	344.5	406.6
5°	0.0	13.7	38.6	64.2	98.5	137.3	184.5	234.7	287.9	347.6	411.3
2.5°	0.0	13.8	38.9	64.3	98.7	137.6	185.3	235.8	288.8	349.7	414.9
0°	0.0	13.8	39.0	64.2	98.6	137.5	185.6	236.1	288.8	350.7	417.1
-2.5°	0.0	13.8	38.9	64.3	98.7	137.6	185.3	235.8	288.8	349.7	414.9
-5°	0.0	13.7	38.6	64.2	98.5	137.3	184.5	234.7	287.9	347.6	411.3
-7.5°	0.0	13.7	38.3	64.0	98.0	136.6	183.1	233.0	286.2	344.5	406.6
-10°	0.0	13.6	37.8	63.6	97.3	135.5	181.2	230.6	283.6	340.4	400.7
-12.5°	0.0	13.5	37.3	63.0	96.3	134.1	178.8	227.5	280.1	335.6	395.0
-15°	0.0	13.3	36.7	62.3	95.0	132.3	175.9	223.7	275.6	330.2	388.5
-17.5°	0.0	13.2	36.0	61.4	93.5	130.1	172.6	219.3	270.2	323.8	380.9
-20°	0.0	13.0	35.3	60.4	91.8	127.6	168.7	214.3	264.0	316.5	371.9



REPORT NUMBER: P558996 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-940-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	12.7	34.4	59.1	89.8	124.7	164.3	208.6	257.0	308.2	361.7
-25°	0.0	12.5	33.5	57.7	87.5	121.3	159.5	202.3	249.2	299.0	350.3
-27.5°	0.0	12.2	32.5	56.1	85.0	117.4	154.3	195.2	240.7	289.0	339.0
-30°	0.0	12.0	31.4	54.4	82.3	113.2	148.6	187.6	231.7	278.4	326.6
-32.5°	0.0	11.6	30.2	52.4	79.0	108.7	142.5	180.1	222.3	267.1	313.4
-35°	0.0	11.3	29.0	50.3	75.6	103.7	136.4	172.4	212.1	254.9	299.2
-37.5°	0.0	10.9	27.7	48.0	72.0	98.7	130.1	164.3	201.1	242.0	284.4
-40°	0.0	10.6	26.4	45.5	68.1	93.9	123.4	155.8	189.6	228.8	269.0
-42.5°	0.0	10.2	25.0	42.9	64.4	88.8	116.2	146.9	178.7	215.0	252.8
-45°	0.0	9.8	23.5	40.3	60.9	83.5	108.6	137.8	168.1	200.8	236.1
-47.5°	0.0	9.3	22.0	37.5	57.2	78.0	100.6	128.4	157.1	186.2	219.8
-50°	0.0	8.9	20.5	35.1	53.4	72.3	93.5	118.5	145.6	173.2	203.2
-52.5°	0.0	8.4	18.9	32.8	49.5	66.3	86.4	108.3	133.7	159.6	186.4
-55°	0.0	7.9	17.2	30.4	45.6	61.2	79.1	97.8	121.5	145.3	170.4
-57.5°	0.0	7.4	15.5	27.9	41.5	56.3	71.5	89.0	108.9	131.1	153.7
-60°	0.0	6.9	13.8	25.3	37.4	51.2	64.0	80.0	96.5	116.5	136.9
-62.5°	0.0	6.4	12.7	22.7	33.8	46.0	58.0	70.8	86.0	101.7	120.4
-65°	0.0	5.8	11.7	20.0	30.1	40.8	51.9	62.2	75.4	89.1	103.6
-67.5°	0.0	5.3	10.6	17.2	26.3	35.8	45.8	55.1	64.5	76.9	89.1
-70°	0.0	4.7	9.4	14.3	22.5	30.9	39.6	47.9	56.0	64.5	75.4
-72.5°	0.0	4.1	8.3	12.4	18.5	25.9	33.5	40.5	47.5	54.7	62.0
-75°	0.0	3.6	7.1	10.7	14.5	20.8	27.3	33.2	38.8	44.8	50.9
-77.5°	0.0	3.0	6.0	8.9	11.9	15.6	20.9	26.0	30.7	35.0	39.5
-80°	0.0	2.4	4.8	7.2	9.5	11.9	14.6	18.7	22.5	26.1	29.5
-82.5°	0.0	1.8	3.6	5.4	7.2	8.9	10.7	12.4	14.4	17.2	19.9
-85°	0.0	1.2	2.4	3.6	4.8	6.0	7.1	8.3	9.4	10.6	11.7
-87.5°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.1	4.7	5.3	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: P558996 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-940-U-MR-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°	6.4	6.9	7.4	7.9	8.4	8.9	9.3	9.8	10.2	10.6	10.9
85°	12.7	13.8	15.5	17.1	18.6	20.0	21.2	22.3	23.6	24.7	25.9
82.5°	22.6	25.2	27.7	30.2	32.2	34.0	35.8	38.2	41.1	43.9	46.5
80°	33.0	36.5	40.8	45.2	49.2	53.0	56.9	60.8	64.6	68.7	72.7
77.5°	44.9	50.5	56.2	62.0	67.6	74.0	80.4	86.7	92.4	97.5	102.1
75°	57.5	64.4	72.8	81.4	89.6	97.7	105.8	114.7	122.5	129.5	136.1
72.5°	71.2	81.3	91.4	101.5	112.9	123.9	134.5	144.8	154.2	162.9	171.7
70°	86.4	98.0	111.5	125.3	138.5	151.1	163.3	174.9	185.8	197.2	209.5
67.5°	102.0	117.9	133.6	149.1	164.5	178.8	192.2	207.1	221.8	236.3	250.2
65°	120.5	138.1	156.1	173.9	190.8	208.0	225.2	242.2	259.5	276.0	291.4
62.5°	138.8	159.2	179.3	198.9	219.0	238.5	258.7	278.7	297.9	317.9	337.1
60°	158.3	180.6	202.6	224.7	247.1	270.6	293.0	316.4	340.0	362.6	384.5
57.5°	177.5	201.7	225.8	250.8	277.0	302.8	329.5	355.7	382.7	408.5	431.0
55°	196.3	222.4	249.4	278.1	306.9	336.6	366.3	396.9	425.9	447.6	468.0
52.5°	215.2	243.3	274.2	305.4	337.4	370.7	405.3	434.8	459.0	477.5	482.0
50°	233.7	265.8	298.6	332.8	368.2	405.8	438.9	465.6	479.2	484.4	481.7
47.5°	253.3	287.7	322.9	359.8	399.4	435.4	466.6	480.2	486.7	479.6	470.9
45°	272.6	309.6	346.8	387.3	426.8	460.9	478.4	488.1	479.4	471.0	465.0
42.5°	291.3	330.8	371.5	413.2	450.1	474.2	485.2	479.7	472.2	465.8	467.9
40°	309.8	351.2	395.8	435.1	468.3	480.5	478.7	471.8	467.5	470.3	479.7
37.5°	327.5	372.7	418.2	456.3	474.2	479.1	470.9	466.5	469.8	480.6	501.2
35°	344.4	393.2	436.6	468.5	480.5	472.0	466.1	465.5	477.7	499.7	530.4
32.5°	361.4	412.8	453.9	473.9	475.8	466.4	462.0	472.5	491.8	520.9	572.4
30°	378.0	427.9	466.6	478.7	470.4	463.1	465.7	480.8	507.1	555.3	638.8
27.5°	393.2	441.6	470.7	476.5	465.7	459.7	471.0	493.8	532.0	596.4	715.6
25°	407.0	454.0	474.3	472.1	462.6	461.9	477.3	505.5	558.2	662.3	825.5
22.5°	418.4	465.4	477.7	468.0	459.5	465.6	487.2	526.3	596.8	724.4	940.3
20°	427.7	468.2	477.1	464.2	456.4	468.6	496.0	546.7	648.7	821.6	1069.5
17.5°	436.1	470.7	473.8	461.6	458.2	473.4	505.1	564.9	694.9	905.2	1193.5
15°	443.5	472.9	470.8	459.4	460.5	479.9	520.0	599.2	750.2	983.9	1305.0
12.5°	450.0	474.7	467.9	457.6	462.1	485.2	532.7	630.5	804.9	1069.3	1483.7
10°	455.4	476.3	465.2	456.0	463.3	489.5	543.0	655.1	846.9	1141.7	1633.7
7.5°	460.3	477.5	463.0	454.8	463.9	492.6	550.8	673.2	876.9	1199.8	1745.9
5°	464.0	478.4	461.7	454.2	465.5	496.1	556.6	684.9	895.1	1242.2	1821.0
2.5°	466.3	478.8	461.0	453.9	467.8	500.7	561.5	694.9	911.4	1263.1	1874.4
0°	467.5	479.0	460.7	453.8	469.8	504.2	563.8	699.0	919.1	1262.8	1906.9
-2.5°	466.3	478.8	461.0	453.9	467.8	500.7	561.5	694.9	911.4	1263.1	1874.4
-5°	464.0	478.4	461.7	454.2	465.5	496.1	556.6	684.9	895.1	1242.2	1821.0
-7.5°	460.3	477.5	463.0	454.8	463.9	492.6	550.8	673.2	876.9	1199.8	1745.9
-10°	455.4	476.3	465.2	456.0	463.3	489.5	543.0	655.1	846.9	1141.7	1633.7
-12.5°	450.0	474.7	467.9	457.6	462.1	485.2	532.7	630.5	804.9	1069.3	1483.7
-15°	443.5	472.9	470.8	459.4	460.5	479.9	520.0	599.2	750.2	983.9	1305.0
-17.5°	436.1	470.7	473.8	461.6	458.2	473.4	505.1	564.9	694.9	905.2	1193.5
-20°	427.7	468.2	477.1	464.2	456.4	468.6	496.0	546.7	648.7	821.6	1069.5



REPORT NUMBER: P558996 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-940-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	418.4	465.4	477.7	468.0	459.5	465.6	487.2	526.3	596.8	724.4	940.3
-25°	407.0	454.0	474.3	472.1	462.6	461.9	477.3	505.5	558.2	662.3	825.5
-27.5°	393.2	441.6	470.7	476.5	465.7	459.7	471.0	493.8	532.0	596.4	715.6
-30°	378.0	427.9	466.6	478.7	470.4	463.1	465.7	480.8	507.1	555.3	638.8
-32.5°	361.4	412.8	453.9	473.9	475.8	466.4	462.0	472.5	491.8	520.9	572.4
-35°	344.4	393.2	436.6	468.5	480.5	472.0	466.1	465.5	477.7	499.7	530.4
-37.5°	327.5	372.7	418.2	456.3	474.2	479.1	470.9	466.5	469.8	480.6	501.2
-40°	309.8	351.2	395.8	435.1	468.3	480.5	478.7	471.8	467.5	470.3	479.7
-42.5°	291.3	330.8	371.5	413.2	450.1	474.2	485.2	479.7	472.2	465.8	467.9
-45°	272.6	309.6	346.8	387.3	426.8	460.9	478.4	488.1	479.4	471.0	465.0
-47.5°	253.3	287.7	322.9	359.8	399.4	435.4	466.6	480.2	486.7	479.6	470.9
-50°	233.7	265.8	298.6	332.8	368.2	405.8	438.9	465.6	479.2	484.4	481.7
-52.5°	215.2	243.3	274.2	305.4	337.4	370.7	405.3	434.8	459.0	477.5	482.0
-55°	196.3	222.4	249.4	278.1	306.9	336.6	366.3	396.9	425.9	447.6	468.0
-57.5°	177.5	201.7	225.8	250.8	277.0	302.8	329.5	355.7	382.7	408.5	431.0
-60°	158.3	180.6	202.6	224.7	247.1	270.6	293.0	316.4	340.0	362.6	384.5
-62.5°	138.8	159.2	179.3	198.9	219.0	238.5	258.7	278.7	297.9	317.9	337.1
-65°	120.5	138.1	156.1	173.9	190.8	208.0	225.2	242.2	259.5	276.0	291.4
-67.5°	102.0	117.9	133.6	149.1	164.5	178.8	192.2	207.1	221.8	236.3	250.2
-70°	86.4	98.0	111.5	125.3	138.5	151.1	163.3	174.9	185.8	197.2	209.5
-72.5°	71.2	81.3	91.4	101.5	112.9	123.9	134.5	144.8	154.2	162.9	171.7
-75°	57.5	64.4	72.8	81.4	89.6	97.7	105.8	114.7	122.5	129.5	136.1
-77.5°	44.9	50.5	56.2	62.0	67.6	74.0	80.4	86.7	92.4	97.5	102.1
-80°	33.0	36.5	40.8	45.2	49.2	53.0	56.9	60.8	64.6	68.7	72.7
-82.5°	22.6	25.2	27.7	30.2	32.2	34.0	35.8	38.2	41.1	43.9	46.5
-85°	12.7	13.8	15.5	17.1	18.6	20.0	21.2	22.3	23.6	24.7	25.9
-87.5°	6.4	6.9	7.4	7.9	8.4	8.9	9.3	9.8	10.2	10.6	10.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558996 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-940-U-MR-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°	11.3	11.2	11.0	10.7	10.4	10.6	10.8	11.0	11.1	11.8	12.5
85°	26.9	28.1	29.4	30.7	32.0	32.9	33.7	34.4	35.0	35.5	36.0
82.5°	49.0	51.6	54.0	56.1	58.1	59.7	61.1	62.3	63.4	64.4	65.1
80°	76.4	79.8	82.8	85.5	87.9	89.9	91.7	93.1	94.2	96.5	98.7
77.5°	107.0	111.7	116.1	120.1	123.8	127.4	130.8	133.8	136.5	138.6	140.0
75°	142.4	148.4	154.5	160.0	165.1	170.3	175.4	180.0	184.2	187.0	189.0
72.5°	180.4	188.6	195.9	203.0	209.3	215.6	221.9	227.6	232.7	236.5	239.6
70°	221.2	231.7	240.3	248.3	256.2	264.2	271.9	278.7	284.5	289.3	293.2
67.5°	263.4	275.4	286.2	296.7	307.2	317.1	326.5	335.3	343.3	349.4	353.5
65°	306.5	322.0	336.2	349.2	360.8	372.0	383.8	394.6	404.4	412.4	418.7
62.5°	355.3	372.9	389.0	403.4	416.4	426.8	438.0	448.2	457.4	465.8	474.3
60°	405.2	424.8	439.0	451.2	462.5	472.4	476.3	480.1	483.1	485.9	489.2
57.5°	448.7	465.5	477.7	480.5	483.0	485.1	483.7	479.8	475.8	471.7	468.5
55°	479.1	483.8	489.2	485.0	478.3	472.0	466.5	462.7	459.2	455.9	453.1
52.5°	487.2	482.5	476.8	470.6	466.0	461.2	456.4	457.3	458.8	459.9	460.5
50°	475.3	469.8	466.8	463.3	463.9	466.3	468.2	472.7	478.4	482.4	485.8
47.5°	466.1	462.6	467.2	473.0	478.4	488.2	496.9	505.6	518.8	529.4	537.8
45°	463.6	472.3	481.3	495.5	508.0	529.7	550.1	567.1	598.8	627.8	650.5
42.5°	476.7	491.7	508.0	535.6	565.5	603.8	653.0	694.7	743.4	788.8	821.8
40°	498.4	520.3	557.0	601.5	671.4	733.5	815.0	884.7	950.2	1019.7	1071.9
37.5°	529.4	570.4	639.1	719.2	825.1	926.8	1039.3	1148.4	1241.3	1382.0	1492.1
35°	575.6	658.7	756.2	889.9	1028.3	1184.2	1348.6	1560.2	1746.7	1965.4	2171.0
32.5°	659.8	772.3	925.0	1105.9	1289.9	1558.9	1812.7	2156.7	2465.9	2851.6	3266.5
30°	758.3	926.1	1131.4	1367.6	1700.5	2070.7	2488.0	3015.7	3642.6	4389.2	5391.0
27.5°	894.1	1109.5	1367.7	1750.7	2223.0	2719.0	3459.0	4345.9	5962.2	7370.8	9237.6
25°	1040.2	1303.4	1711.7	2226.4	2847.9	3741.1	5187.8	7033.3	9647.4	12147.0	14145.2
22.5°	1208.7	1593.3	2108.7	2749.2	3755.1	5484.5	7730.6	10980.7	13895.7	16416.7	18358.3
20°	1395.2	1877.6	2570.4	3549.1	5262.1	7794.9	11400.7	14736.2	17713.5	19883.8	21599.2
17.5°	1636.9	2267.0	3145.9	4496.5	7125.7	11028.5	14745.8	18042.7	20633.3	22540.0	24060.8
15°	1862.5	2625.4	3764.5	6068.9	9657.4	13828.7	17639.0	20580.0	22821.8	24596.1	25963.5
12.5°	2128.8	3028.1	4487.6	7427.3	11985.4	16139.0	19693.2	22439.5	24598.3	26261.4	28094.0
10°	2366.0	3461.2	5523.6	9237.4	13897.1	17954.5	21406.1	23874.2	26038.8	28206.2	30954.1
7.5°	2561.8	3824.8	6373.2	10764.8	15364.8	19297.5	22441.9	24908.0	27293.8	30188.5	34151.8
5°	2717.3	4099.0	7072.2	11917.8	16431.9	20256.0	23233.0	25732.7	28427.5	32299.9	37618.6
2.5°	2821.3	4278.6	7509.1	12614.4	17105.1	20805.8	23819.5	26272.2	29097.5	33481.9	39038.7
0°	2862.6	4361.5	7398.3	12740.7	17145.8	20984.7	23906.9	26473.9	29288.3	33679.6	39299.4
-2.5°	2821.3	4278.6	7509.1	12614.4	17105.1	20805.8	23819.5	26272.2	29097.5	33481.9	39038.7
-5°	2717.3	4099.0	7072.2	11917.8	16431.9	20256.0	23233.0	25732.7	28427.5	32299.9	37618.6
-7.5°	2561.8	3824.8	6373.2	10764.8	15364.8	19297.5	22441.9	24908.0	27293.8	30188.5	34151.8
-10°	2366.0	3461.2	5523.6	9237.4	13897.1	17954.5	21406.1	23874.2	26038.8	28206.2	30954.1
-12.5°	2128.8	3028.1	4487.6	7427.3	11985.4	16139.0	19693.2	22439.5	24598.3	26261.4	28094.0
-15°	1862.5	2625.4	3764.5	6068.9	9657.4	13828.7	17639.0	20580.0	22821.8	24596.1	25963.5
-17.5°	1636.9	2267.0	3145.9	4496.5	7125.7	11028.5	14745.8	18042.7	20633.3	22540.0	24060.8
-20°	1395.2	1877.6	2570.4	3549.1	5262.1	7794.9	11400.7	14736.2	17713.5	19883.8	21599.2



REPORT NUMBER: P558996 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-940-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1208.7	1593.3	2108.7	2749.2	3755.1	5484.5	7730.6	10980.7	13895.7	16416.7	18358.3
-25°	1040.2	1303.4	1711.7	2226.4	2847.9	3741.1	5187.8	7033.3	9647.4	12147.0	14145.2
-27.5°	894.1	1109.5	1367.7	1750.7	2223.0	2719.0	3459.0	4345.9	5962.2	7370.8	9237.6
-30°	758.3	926.1	1131.4	1367.6	1700.5	2070.7	2488.0	3015.7	3642.6	4389.2	5391.0
-32.5°	659.8	772.3	925.0	1105.9	1289.9	1558.9	1812.7	2156.7	2465.9	2851.6	3266.5
-35°	575.6	658.7	756.2	889.9	1028.3	1184.2	1348.6	1560.2	1746.7	1965.4	2171.0
-37.5°	529.4	570.4	639.1	719.2	825.1	926.8	1039.3	1148.4	1241.3	1382.0	1492.1
-40°	498.4	520.3	557.0	601.5	671.4	733.5	815.0	884.7	950.2	1019.7	1071.9
-42.5°	476.7	491.7	508.0	535.6	565.5	603.8	653.0	694.7	743.4	788.8	821.8
-45°	463.6	472.3	481.3	495.5	508.0	529.7	550.1	567.1	598.8	627.8	650.5
-47.5°	466.1	462.6	467.2	473.0	478.4	488.2	496.9	505.6	518.8	529.4	537.8
-50°	475.3	469.8	466.8	463.3	463.9	466.3	468.2	472.7	478.4	482.4	485.8
-52.5°	487.2	482.5	476.8	470.6	466.0	461.2	456.4	457.3	458.8	459.9	460.5
-55°	479.1	483.8	489.2	485.0	478.3	472.0	466.5	462.7	459.2	455.9	453.1
-57.5°	448.7	465.5	477.7	480.5	483.0	485.1	483.7	479.8	475.8	471.7	468.5
-60°	405.2	424.8	439.0	451.2	462.5	472.4	476.3	480.1	483.1	485.9	489.2
-62.5°	355.3	372.9	389.0	403.4	416.4	426.8	438.0	448.2	457.4	465.8	474.3
-65°	306.5	322.0	336.2	349.2	360.8	372.0	383.8	394.6	404.4	412.4	418.7
-67.5°	263.4	275.4	286.2	296.7	307.2	317.1	326.5	335.3	343.3	349.4	353.5
-70°	221.2	231.7	240.3	248.3	256.2	264.2	271.9	278.7	284.5	289.3	293.2
-72.5°	180.4	188.6	195.9	203.0	209.3	215.6	221.9	227.6	232.7	236.5	239.6
-75°	142.4	148.4	154.5	160.0	165.1	170.3	175.4	180.0	184.2	187.0	189.0
-77.5°	107.0	111.7	116.1	120.1	123.8	127.4	130.8	133.8	136.5	138.6	140.0
-80°	76.4	79.8	82.8	85.5	87.9	89.9	91.7	93.1	94.2	96.5	98.7
-82.5°	49.0	51.6	54.0	56.1	58.1	59.7	61.1	62.3	63.4	64.4	65.1
-85°	26.9	28.1	29.4	30.7	32.0	32.9	33.7	34.4	35.0	35.5	36.0
-87.5°	11.3	11.2	11.0	10.7	10.4	10.6	10.8	11.0	11.1	11.8	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: P558996 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-940-U-MR-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°	13.1	13.7	13.8	13.8	13.8	13.7	13.1	12.5	11.8	11.1	11.0
85°	36.3	36.5	37.8	39.0	37.8	36.5	36.3	36.0	35.5	35.0	34.4
82.5°	65.7	66.2	66.4	66.5	66.4	66.2	65.7	65.1	64.4	63.4	62.3
80°	100.7	102.5	101.8	100.8	101.8	102.5	100.7	98.7	96.5	94.2	93.1
77.5°	140.9	141.4	140.8	139.8	140.8	141.4	140.9	140.0	138.6	136.5	133.8
75°	190.5	191.4	192.2	192.5	192.2	191.4	190.5	189.0	187.0	184.2	180.0
72.5°	242.0	243.8	243.8	242.9	243.8	243.8	242.0	239.6	236.5	232.7	227.6
70°	296.3	298.5	299.8	300.2	299.8	298.5	296.3	293.2	289.3	284.5	278.7
67.5°	356.3	357.8	359.3	359.8	359.3	357.8	356.3	353.5	349.4	343.3	335.3
65°	423.9	427.9	429.2	428.6	429.2	427.9	423.9	418.7	412.4	404.4	394.6
62.5°	482.1	489.2	492.1	492.8	492.1	489.2	482.1	474.3	465.8	457.4	448.2
60°	492.0	494.4	495.1	495.1	495.1	494.4	492.0	489.2	485.9	483.1	480.1
57.5°	465.4	462.8	461.2	460.7	461.2	462.8	465.4	468.5	471.7	475.8	479.8
55°	450.6	448.2	447.1	446.9	447.1	448.2	450.6	453.1	455.9	459.2	462.7
52.5°	460.7	460.4	461.3	463.0	461.3	460.4	460.7	460.5	459.9	458.8	457.3
50°	488.8	490.8	493.0	495.1	493.0	490.8	488.8	485.8	482.4	478.4	472.7
47.5°	543.9	547.0	549.0	550.1	549.0	547.0	543.9	537.8	529.4	518.8	505.6
45°	665.4	673.4	677.2	678.4	677.2	673.4	665.4	650.5	627.8	598.8	567.1
42.5°	843.6	855.6	860.7	861.8	860.7	855.6	843.6	821.8	788.8	743.4	694.7
40°	1109.3	1130.6	1140.9	1148.2	1140.9	1130.6	1109.3	1071.9	1019.7	950.2	884.7
37.5°	1574.5	1628.0	1658.4	1684.6	1658.4	1628.0	1574.5	1492.1	1382.0	1241.3	1148.4
35°	2338.3	2460.8	2533.0	2548.6	2533.0	2460.8	2338.3	2171.0	1965.4	1746.7	1560.2
32.5°	3585.9	3826.3	3970.0	3987.9	3970.0	3826.3	3585.9	3266.5	2851.6	2465.9	2156.7
30°	6168.6	6842.1	7303.7	7240.1	7303.7	6842.1	6168.6	5391.0	4389.2	3642.6	3015.7
27.5°	10767.0	11988.2	12781.5	12715.5	12781.5	11988.2	10767.0	9237.6	7370.8	5962.2	4345.9
25°	15681.5	16805.6	17469.2	17714.2	17469.2	16805.6	15681.5	14145.2	12147.0	9647.4	7033.3
22.5°	19694.8	20699.7	21273.7	21617.3	21273.7	20699.7	19694.8	18358.3	16416.7	13895.7	10980.7
20°	22769.7	23641.3	24135.0	24347.0	24135.0	23641.3	22769.7	21599.2	19883.8	17713.5	14736.2
17.5°	25135.3	25864.9	26423.9	26567.8	26423.9	25864.9	25135.3	24060.8	22540.0	20633.3	18042.7
15°	27227.8	28170.2	28829.4	29075.2	28829.4	28170.2	27227.8	25963.5	24596.1	22821.8	20580.0
12.5°	29866.4	31505.2	32376.3	32577.2	32376.3	31505.2	29866.4	28094.0	26261.4	24598.3	22439.5
10°	33766.4	36285.4	36570.9	36180.1	36570.9	36285.4	33766.4	30954.1	28206.2	26038.8	23874.2
7.5°	39446.4	42805.2	42079.0	40869.4	42079.0	42805.2	39446.4	34151.8	30188.5	27293.8	24908.0
5°	43511.1	48174.4	48319.2	47431.1	48319.2	48174.4	43511.1	37618.6	32299.9	28427.5	25732.7
2.5°	45129.3	49929.7	52318.9	52710.5	52318.9	49929.7	45129.3	39038.7	33481.9	29097.5	26272.2
0°	45250.4	50495.4	53328.2	54031.8	53328.2	50495.4	45250.4	39299.4	33679.6	29288.3	26473.9
-2.5°	45129.3	49929.7	52318.9	52710.5	52318.9	49929.7	45129.3	39038.7	33481.9	29097.5	26272.2
-5°	43511.1	48174.4	48319.2	47431.1	48319.2	48174.4	43511.1	37618.6	32299.9	28427.5	25732.7
-7.5°	39446.4	42805.2	42079.0	40869.4	42079.0	42805.2	39446.4	34151.8	30188.5	27293.8	24908.0
-10°	33766.4	36285.4	36570.9	36180.1	36570.9	36285.4	33766.4	30954.1	28206.2	26038.8	23874.2
-12.5°	29866.4	31505.2	32376.3	32577.2	32376.3	31505.2	29866.4	28094.0	26261.4	24598.3	22439.5
-15°	27227.8	28170.2	28829.4	29075.2	28829.4	28170.2	27227.8	25963.5	24596.1	22821.8	20580.0
-17.5°	25135.3	25864.9	26423.9	26567.8	26423.9	25864.9	25135.3	24060.8	22540.0	20633.3	18042.7
-20°	22769.7	23641.3	24135.0	24347.0	24135.0	23641.3	22769.7	21599.2	19883.8	17713.5	14736.2



REPORT NUMBER: P558996 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-940-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	19694.8	20699.7	21273.7	21617.3	21273.7	20699.7	19694.8	18358.3	16416.7	13895.7	10980.7
-25°	15681.5	16805.6	17469.2	17714.2	17469.2	16805.6	15681.5	14145.2	12147.0	9647.4	7033.3
-27.5°	10767.0	11988.2	12781.5	12715.5	12781.5	11988.2	10767.0	9237.6	7370.8	5962.2	4345.9
-30°	6168.6	6842.1	7303.7	7240.1	7303.7	6842.1	6168.6	5391.0	4389.2	3642.6	3015.7
-32.5°	3585.9	3826.3	3970.0	3987.9	3970.0	3826.3	3585.9	3266.5	2851.6	2465.9	2156.7
-35°	2338.3	2460.8	2533.0	2548.6	2533.0	2460.8	2338.3	2171.0	1965.4	1746.7	1560.2
-37.5°	1574.5	1628.0	1658.4	1684.6	1658.4	1628.0	1574.5	1492.1	1382.0	1241.3	1148.4
-40°	1109.3	1130.6	1140.9	1148.2	1140.9	1130.6	1109.3	1071.9	1019.7	950.2	884.7
-42.5°	843.6	855.6	860.7	861.8	860.7	855.6	843.6	821.8	788.8	743.4	694.7
-45°	665.4	673.4	677.2	678.4	677.2	673.4	665.4	650.5	627.8	598.8	567.1
-47.5°	543.9	547.0	549.0	550.1	549.0	547.0	543.9	537.8	529.4	518.8	505.6
-50°	488.8	490.8	493.0	495.1	493.0	490.8	488.8	485.8	482.4	478.4	472.7
-52.5°	460.7	460.4	461.3	463.0	461.3	460.4	460.7	460.5	459.9	458.8	457.3
-55°	450.6	448.2	447.1	446.9	447.1	448.2	450.6	453.1	455.9	459.2	462.7
-57.5°	465.4	462.8	461.2	460.7	461.2	462.8	465.4	468.5	471.7	475.8	479.8
-60°	492.0	494.4	495.1	495.1	495.1	494.4	492.0	489.2	485.9	483.1	480.1
-62.5°	482.1	489.2	492.1	492.8	492.1	489.2	482.1	474.3	465.8	457.4	448.2
-65°	423.9	427.9	429.2	428.6	429.2	427.9	423.9	418.7	412.4	404.4	394.6
-67.5°	356.3	357.8	359.3	359.8	359.3	357.8	356.3	353.5	349.4	343.3	335.3
-70°	296.3	298.5	299.8	300.2	299.8	298.5	296.3	293.2	289.3	284.5	278.7
-72.5°	242.0	243.8	243.8	242.9	243.8	243.8	242.0	239.6	236.5	232.7	227.6
-75°	190.5	191.4	192.2	192.5	192.2	191.4	190.5	189.0	187.0	184.2	180.0
-77.5°	140.9	141.4	140.8	139.8	140.8	141.4	140.9	140.0	138.6	136.5	133.8
-80°	100.7	102.5	101.8	100.8	101.8	102.5	100.7	98.7	96.5	94.2	93.1
-82.5°	65.7	66.2	66.4	66.5	66.4	66.2	65.7	65.1	64.4	63.4	62.3
-85°	36.3	36.5	37.8	39.0	37.8	36.5	36.3	36.0	35.5	35.0	34.4
-87.5°	13.1	13.7	13.8	13.8	13.8	13.7	13.1	12.5	11.8	11.1	11.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558996 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-940-U-MR-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°	10.8	10.6	10.4	10.7	11.0	11.2	11.3	10.9	10.6	10.2	9.8
85°	33.7	32.9	32.0	30.7	29.4	28.1	26.9	25.9	24.7	23.6	22.3
82.5°	61.1	59.7	58.1	56.1	54.0	51.6	49.0	46.5	43.9	41.1	38.2
80°	91.7	89.9	87.9	85.5	82.8	79.8	76.4	72.7	68.7	64.6	60.8
77.5°	130.8	127.4	123.8	120.1	116.1	111.7	107.0	102.1	97.5	92.4	86.7
75°	175.4	170.3	165.1	160.0	154.5	148.4	142.4	136.1	129.5	122.5	114.7
72.5°	221.9	215.6	209.3	203.0	195.9	188.6	180.4	171.7	162.9	154.2	144.8
70°	271.9	264.2	256.2	248.3	240.3	231.7	221.2	209.5	197.2	185.8	174.9
67.5°	326.5	317.1	307.2	296.7	286.2	275.4	263.4	250.2	236.3	221.8	207.1
65°	383.8	372.0	360.8	349.2	336.2	322.0	306.5	291.4	276.0	259.5	242.2
62.5°	438.0	426.8	416.4	403.4	389.0	372.9	355.3	337.1	317.9	297.9	278.7
60°	476.3	472.4	462.5	451.2	439.0	424.8	405.2	384.5	362.6	340.0	316.4
57.5°	483.7	485.1	483.0	480.5	477.7	465.5	448.7	431.0	408.5	382.7	355.7
55°	466.5	472.0	478.3	485.0	489.2	483.8	479.1	468.0	447.6	425.9	396.9
52.5°	456.4	461.2	466.0	470.6	476.8	482.5	487.2	482.0	477.5	459.0	434.8
50°	468.2	466.3	463.9	463.3	466.8	469.8	475.3	481.7	484.4	479.2	465.6
47.5°	496.9	488.2	478.4	473.0	467.2	462.6	466.1	470.9	479.6	486.7	480.2
45°	550.1	529.7	508.0	495.5	481.3	472.3	463.6	465.0	471.0	479.4	488.1
42.5°	653.0	603.8	565.5	535.6	508.0	491.7	476.7	467.9	465.8	472.2	479.7
40°	815.0	733.5	671.4	601.5	557.0	520.3	498.4	479.7	470.3	467.5	471.8
37.5°	1039.3	926.8	825.1	719.2	639.1	570.4	529.4	501.2	480.6	469.8	466.5
35°	1348.6	1184.2	1028.3	889.9	756.2	658.7	575.6	530.4	499.7	477.7	465.5
32.5°	1812.7	1558.9	1289.9	1105.9	925.0	772.3	659.8	572.4	520.9	491.8	472.5
30°	2488.0	2070.7	1700.5	1367.6	1131.4	926.1	758.3	638.8	555.3	507.1	480.8
27.5°	3459.0	2719.0	2223.0	1750.7	1367.7	1109.5	894.1	715.6	596.4	532.0	493.8
25°	5187.8	3741.1	2847.9	2226.4	1711.7	1303.4	1040.2	825.5	662.3	558.2	505.5
22.5°	7730.6	5484.5	3755.1	2749.2	2108.7	1593.3	1208.7	940.3	724.4	596.8	526.3
20°	11400.7	7794.9	5262.1	3549.1	2570.4	1877.6	1395.2	1069.5	821.6	648.7	546.7
17.5°	14745.8	11028.5	7125.7	4496.5	3145.9	2267.0	1636.9	1193.5	905.2	694.9	564.9
15°	17639.0	13828.7	9657.4	6068.9	3764.5	2625.4	1862.5	1305.0	983.9	750.2	599.2
12.5°	19693.2	16139.0	11985.4	7427.3	4487.6	3028.1	2128.8	1483.7	1069.3	804.9	630.5
10°	21406.1	17954.5	13897.1	9237.4	5523.6	3461.2	2366.0	1633.7	1141.7	846.9	655.1
7.5°	22441.9	19297.5	15364.8	10764.8	6373.2	3824.8	2561.8	1745.9	1199.8	876.9	673.2
5°	23233.0	20256.0	16431.9	11917.8	7072.2	4099.0	2717.3	1821.0	1242.2	895.1	684.9
2.5°	23819.5	20805.8	17105.1	12614.4	7509.1	4278.6	2821.3	1874.4	1263.1	911.4	694.9
0°	23906.9	20984.7	17145.8	12740.7	7398.3	4361.5	2862.6	1906.9	1262.8	919.1	699.0
-2.5°	23819.5	20805.8	17105.1	12614.4	7509.1	4278.6	2821.3	1874.4	1263.1	911.4	694.9
-5°	23233.0	20256.0	16431.9	11917.8	7072.2	4099.0	2717.3	1821.0	1242.2	895.1	684.9
-7.5°	22441.9	19297.5	15364.8	10764.8	6373.2	3824.8	2561.8	1745.9	1199.8	876.9	673.2
-10°	21406.1	17954.5	13897.1	9237.4	5523.6	3461.2	2366.0	1633.7	1141.7	846.9	655.1
-12.5°	19693.2	16139.0	11985.4	7427.3	4487.6	3028.1	2128.8	1483.7	1069.3	804.9	630.5
-15°	17639.0	13828.7	9657.4	6068.9	3764.5	2625.4	1862.5	1305.0	983.9	750.2	599.2
-17.5°	14745.8	11028.5	7125.7	4496.5	3145.9	2267.0	1636.9	1193.5	905.2	694.9	564.9
-20°	11400.7	7794.9	5262.1	3549.1	2570.4	1877.6	1395.2	1069.5	821.6	648.7	546.7



REPORT NUMBER: P558996 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-940-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7730.6	5484.5	3755.1	2749.2	2108.7	1593.3	1208.7	940.3	724.4	596.8	526.3
-25°	5187.8	3741.1	2847.9	2226.4	1711.7	1303.4	1040.2	825.5	662.3	558.2	505.5
-27.5°	3459.0	2719.0	2223.0	1750.7	1367.7	1109.5	894.1	715.6	596.4	532.0	493.8
-30°	2488.0	2070.7	1700.5	1367.6	1131.4	926.1	758.3	638.8	555.3	507.1	480.8
-32.5°	1812.7	1558.9	1289.9	1105.9	925.0	772.3	659.8	572.4	520.9	491.8	472.5
-35°	1348.6	1184.2	1028.3	889.9	756.2	658.7	575.6	530.4	499.7	477.7	465.5
-37.5°	1039.3	926.8	825.1	719.2	639.1	570.4	529.4	501.2	480.6	469.8	466.5
-40°	815.0	733.5	671.4	601.5	557.0	520.3	498.4	479.7	470.3	467.5	471.8
-42.5°	653.0	603.8	565.5	535.6	508.0	491.7	476.7	467.9	465.8	472.2	479.7
-45°	550.1	529.7	508.0	495.5	481.3	472.3	463.6	465.0	471.0	479.4	488.1
-47.5°	496.9	488.2	478.4	473.0	467.2	462.6	466.1	470.9	479.6	486.7	480.2
-50°	468.2	466.3	463.9	463.3	466.8	469.8	475.3	481.7	484.4	479.2	465.6
-52.5°	456.4	461.2	466.0	470.6	476.8	482.5	487.2	482.0	477.5	459.0	434.8
-55°	466.5	472.0	478.3	485.0	489.2	483.8	479.1	468.0	447.6	425.9	396.9
-57.5°	483.7	485.1	483.0	480.5	477.7	465.5	448.7	431.0	408.5	382.7	355.7
-60°	476.3	472.4	462.5	451.2	439.0	424.8	405.2	384.5	362.6	340.0	316.4
-62.5°	438.0	426.8	416.4	403.4	389.0	372.9	355.3	337.1	317.9	297.9	278.7
-65°	383.8	372.0	360.8	349.2	336.2	322.0	306.5	291.4	276.0	259.5	242.2
-67.5°	326.5	317.1	307.2	296.7	286.2	275.4	263.4	250.2	236.3	221.8	207.1
-70°	271.9	264.2	256.2	248.3	240.3	231.7	221.2	209.5	197.2	185.8	174.9
-72.5°	221.9	215.6	209.3	203.0	195.9	188.6	180.4	171.7	162.9	154.2	144.8
-75°	175.4	170.3	165.1	160.0	154.5	148.4	142.4	136.1	129.5	122.5	114.7
-77.5°	130.8	127.4	123.8	120.1	116.1	111.7	107.0	102.1	97.5	92.4	86.7
-80°	91.7	89.9	87.9	85.5	82.8	79.8	76.4	72.7	68.7	64.6	60.8
-82.5°	61.1	59.7	58.1	56.1	54.0	51.6	49.0	46.5	43.9	41.1	38.2
-85°	33.7	32.9	32.0	30.7	29.4	28.1	26.9	25.9	24.7	23.6	22.3
-87.5°	10.8	10.6	10.4	10.7	11.0	11.2	11.3	10.9	10.6	10.2	9.8
-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: P558996 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-940-U-MR-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°	9.3	8.9	8.4	7.9	7.4	6.9	6.4	5.8	5.3	4.7	4.1
85°	21.2	20.0	18.6	17.1	15.5	13.8	12.7	11.7	10.6	9.4	8.3
82.5°	35.8	34.0	32.2	30.2	27.7	25.2	22.6	19.9	17.2	14.4	12.4
80°	56.9	53.0	49.2	45.2	40.8	36.5	33.0	29.5	26.1	22.5	18.7
77.5°	80.4	74.0	67.6	62.0	56.2	50.5	44.9	39.5	35.0	30.7	26.0
75°	105.8	97.7	89.6	81.4	72.8	64.4	57.5	50.9	44.8	38.8	33.2
72.5°	134.5	123.9	112.9	101.5	91.4	81.3	71.2	62.0	54.7	47.5	40.5
70°	163.3	151.1	138.5	125.3	111.5	98.0	86.4	75.4	64.5	56.0	47.9
67.5°	192.2	178.8	164.5	149.1	133.6	117.9	102.0	89.1	76.9	64.5	55.1
65°	225.2	208.0	190.8	173.9	156.1	138.1	120.5	103.6	89.1	75.4	62.2
62.5°	258.7	238.5	219.0	198.9	179.3	159.2	138.8	120.4	101.7	86.0	70.8
60°	293.0	270.6	247.1	224.7	202.6	180.6	158.3	136.9	116.5	96.5	80.0
57.5°	329.5	302.8	277.0	250.8	225.8	201.7	177.5	153.7	131.1	108.9	89.0
55°	366.3	336.6	306.9	278.1	249.4	222.4	196.3	170.4	145.3	121.5	97.8
52.5°	405.3	370.7	337.4	305.4	274.2	243.3	215.2	186.4	159.6	133.7	108.3
50°	438.9	405.8	368.2	332.8	298.6	265.8	233.7	203.2	173.2	145.6	118.5
47.5°	466.6	435.4	399.4	359.8	322.9	287.7	253.3	219.8	186.2	157.1	128.4
45°	478.4	460.9	426.8	387.3	346.8	309.6	272.6	236.1	200.8	168.1	137.8
42.5°	485.2	474.2	450.1	413.2	371.5	330.8	291.3	252.8	215.0	178.7	146.9
40°	478.7	480.5	468.3	435.1	395.8	351.2	309.8	269.0	228.8	189.6	155.8
37.5°	470.9	479.1	474.2	456.3	418.2	372.7	327.5	284.4	242.0	201.1	164.3
35°	466.1	472.0	480.5	468.5	436.6	393.2	344.4	299.2	254.9	212.1	172.4
32.5°	462.0	466.4	475.8	473.9	453.9	412.8	361.4	313.4	267.1	222.3	180.1
30°	465.7	463.1	470.4	478.7	466.6	427.9	378.0	326.6	278.4	231.7	187.6
27.5°	471.0	459.7	465.7	476.5	470.7	441.6	393.2	339.0	289.0	240.7	195.2
25°	477.3	461.9	462.6	472.1	474.3	454.0	407.0	350.3	299.0	249.2	202.3
22.5°	487.2	465.6	459.5	468.0	477.7	465.4	418.4	361.7	308.2	257.0	208.6
20°	496.0	468.6	456.4	464.2	477.1	468.2	427.7	371.9	316.5	264.0	214.3
17.5°	505.1	473.4	458.2	461.6	473.8	470.7	436.1	380.9	323.8	270.2	219.3
15°	520.0	479.9	460.5	459.4	470.8	472.9	443.5	388.5	330.2	275.6	223.7
12.5°	532.7	485.2	462.1	457.6	467.9	474.7	450.0	395.0	335.6	280.1	227.5
10°	543.0	489.5	463.3	456.0	465.2	476.3	455.4	400.7	340.4	283.6	230.6
7.5°	550.8	492.6	463.9	454.8	463.0	477.5	460.3	406.6	344.5	286.2	233.0
5°	556.6	496.1	465.5	454.2	461.7	478.4	464.0	411.3	347.6	287.9	234.7
2.5°	561.5	500.7	467.8	453.9	461.0	478.8	466.3	414.9	349.7	288.8	235.8
0°	563.8	504.2	469.8	453.8	460.7	479.0	467.5	417.1	350.7	288.8	236.1
-2.5°	561.5	500.7	467.8	453.9	461.0	478.8	466.3	414.9	349.7	288.8	235.8
-5°	556.6	496.1	465.5	454.2	461.7	478.4	464.0	411.3	347.6	287.9	234.7
-7.5°	550.8	492.6	463.9	454.8	463.0	477.5	460.3	406.6	344.5	286.2	233.0
-10°	543.0	489.5	463.3	456.0	465.2	476.3	455.4	400.7	340.4	283.6	230.6
-12.5°	532.7	485.2	462.1	457.6	467.9	474.7	450.0	395.0	335.6	280.1	227.5
-15°	520.0	479.9	460.5	459.4	470.8	472.9	443.5	388.5	330.2	275.6	223.7
-17.5°	505.1	473.4	458.2	461.6	473.8	470.7	436.1	380.9	323.8	270.2	219.3
-20°	496.0	468.6	456.4	464.2	477.1	468.2	427.7	371.9	316.5	264.0	214.3



REPORT NUMBER: P558996 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-940-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	487.2	465.6	459.5	468.0	477.7	465.4	418.4	361.7	308.2	257.0	208.6
-25°	477.3	461.9	462.6	472.1	474.3	454.0	407.0	350.3	299.0	249.2	202.3
-27.5°	471.0	459.7	465.7	476.5	470.7	441.6	393.2	339.0	289.0	240.7	195.2
-30°	465.7	463.1	470.4	478.7	466.6	427.9	378.0	326.6	278.4	231.7	187.6
-32.5°	462.0	466.4	475.8	473.9	453.9	412.8	361.4	313.4	267.1	222.3	180.1
-35°	466.1	472.0	480.5	468.5	436.6	393.2	344.4	299.2	254.9	212.1	172.4
-37.5°	470.9	479.1	474.2	456.3	418.2	372.7	327.5	284.4	242.0	201.1	164.3
-40°	478.7	480.5	468.3	435.1	395.8	351.2	309.8	269.0	228.8	189.6	155.8
-42.5°	485.2	474.2	450.1	413.2	371.5	330.8	291.3	252.8	215.0	178.7	146.9
-45°	478.4	460.9	426.8	387.3	346.8	309.6	272.6	236.1	200.8	168.1	137.8
-47.5°	466.6	435.4	399.4	359.8	322.9	287.7	253.3	219.8	186.2	157.1	128.4
-50°	438.9	405.8	368.2	332.8	298.6	265.8	233.7	203.2	173.2	145.6	118.5
-52.5°	405.3	370.7	337.4	305.4	274.2	243.3	215.2	186.4	159.6	133.7	108.3
-55°	366.3	336.6	306.9	278.1	249.4	222.4	196.3	170.4	145.3	121.5	97.8
-57.5°	329.5	302.8	277.0	250.8	225.8	201.7	177.5	153.7	131.1	108.9	89.0
-60°	293.0	270.6	247.1	224.7	202.6	180.6	158.3	136.9	116.5	96.5	80.0
-62.5°	258.7	238.5	219.0	198.9	179.3	159.2	138.8	120.4	101.7	86.0	70.8
-65°	225.2	208.0	190.8	173.9	156.1	138.1	120.5	103.6	89.1	75.4	62.2
-67.5°	192.2	178.8	164.5	149.1	133.6	117.9	102.0	89.1	76.9	64.5	55.1
-70°	163.3	151.1	138.5	125.3	111.5	98.0	86.4	75.4	64.5	56.0	47.9
-72.5°	134.5	123.9	112.9	101.5	91.4	81.3	71.2	62.0	54.7	47.5	40.5
-75°	105.8	97.7	89.6	81.4	72.8	64.4	57.5	50.9	44.8	38.8	33.2
-77.5°	80.4	74.0	67.6	62.0	56.2	50.5	44.9	39.5	35.0	30.7	26.0
-80°	56.9	53.0	49.2	45.2	40.8	36.5	33.0	29.5	26.1	22.5	18.7
-82.5°	35.8	34.0	32.2	30.2	27.7	25.2	22.6	19.9	17.2	14.4	12.4
-85°	21.2	20.0	18.6	17.1	15.5	13.8	12.7	11.7	10.6	9.4	8.3
-87.5°	9.3	8.9	8.4	7.9	7.4	6.9	6.4	5.8	5.3	4.7	4.1
-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: P558996 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-940-U-MR-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°	3.6	3.0	2.4	1.8	1.2	0.6	0.0
85°	7.1	6.0	4.8	3.6	2.4	1.2	0.0
82.5°	10.7	8.9	7.2	5.4	3.6	1.8	0.0
80°	14.6	11.9	9.5	7.2	4.8	2.4	0.0
77.5°	20.9	15.6	11.9	8.9	6.0	3.0	0.0
75°	27.3	20.8	14.5	10.7	7.1	3.6	0.0
72.5°	33.5	25.9	18.5	12.4	8.3	4.1	0.0
70°	39.6	30.9	22.5	14.3	9.4	4.7	0.0
67.5°	45.8	35.8	26.3	17.2	10.6	5.3	0.0
65°	51.9	40.8	30.1	20.0	11.7	5.8	0.0
62.5°	58.0	46.0	33.8	22.7	12.7	6.4	0.0
60°	64.0	51.2	37.4	25.3	13.8	6.9	0.0
57.5°	71.5	56.3	41.5	27.9	15.5	7.4	0.0
55°	79.1	61.2	45.6	30.4	17.2	7.9	0.0
52.5°	86.4	66.3	49.5	32.8	18.9	8.4	0.0
50°	93.5	72.3	53.4	35.1	20.5	8.9	0.0
47.5°	100.6	78.0	57.2	37.5	22.0	9.3	0.0
45°	108.6	83.5	60.9	40.3	23.5	9.8	0.0
42.5°	116.2	88.8	64.4	42.9	25.0	10.2	0.0
40°	123.4	93.9	68.1	45.5	26.4	10.6	0.0
37.5°	130.1	98.7	72.0	48.0	27.7	10.9	0.0
35°	136.4	103.7	75.6	50.3	29.0	11.3	0.0
32.5°	142.5	108.7	79.0	52.4	30.2	11.6	0.0
30°	148.6	113.2	82.3	54.4	31.4	12.0	0.0
27.5°	154.3	117.4	85.0	56.1	32.5	12.2	0.0
25°	159.5	121.3	87.5	57.7	33.5	12.5	0.0
22.5°	164.3	124.7	89.8	59.1	34.4	12.7	0.0
20°	168.7	127.6	91.8	60.4	35.3	13.0	0.0
17.5°	172.6	130.1	93.5	61.4	36.0	13.2	0.0
15°	175.9	132.3	95.0	62.3	36.7	13.3	0.0
12.5°	178.8	134.1	96.3	63.0	37.3	13.5	0.0
10°	181.2	135.5	97.3	63.6	37.8	13.6	0.0
7.5°	183.1	136.6	98.0	64.0	38.3	13.7	0.0
5°	184.5	137.3	98.5	64.2	38.6	13.7	0.0
2.5°	185.3	137.6	98.7	64.3	38.9	13.8	0.0
0°	185.6	137.5	98.6	64.2	39.0	13.8	0.0
-2.5°	185.3	137.6	98.7	64.3	38.9	13.8	0.0
-5°	184.5	137.3	98.5	64.2	38.6	13.7	0.0
-7.5°	183.1	136.6	98.0	64.0	38.3	13.7	0.0
-10°	181.2	135.5	97.3	63.6	37.8	13.6	0.0
-12.5°	178.8	134.1	96.3	63.0	37.3	13.5	0.0
-15°	175.9	132.3	95.0	62.3	36.7	13.3	0.0
-17.5°	172.6	130.1	93.5	61.4	36.0	13.2	0.0
-20°	168.7	127.6	91.8	60.4	35.3	13.0	0.0



REPORT NUMBER: P558996 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-940-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	164.3	124.7	89.8	59.1	34.4	12.7	0.0
-25°	159.5	121.3	87.5	57.7	33.5	12.5	0.0
-27.5°	154.3	117.4	85.0	56.1	32.5	12.2	0.0
-30°	148.6	113.2	82.3	54.4	31.4	12.0	0.0
-32.5°	142.5	108.7	79.0	52.4	30.2	11.6	0.0
-35°	136.4	103.7	75.6	50.3	29.0	11.3	0.0
-37.5°	130.1	98.7	72.0	48.0	27.7	10.9	0.0
-40°	123.4	93.9	68.1	45.5	26.4	10.6	0.0
-42.5°	116.2	88.8	64.4	42.9	25.0	10.2	0.0
-45°	108.6	83.5	60.9	40.3	23.5	9.8	0.0
-47.5°	100.6	78.0	57.2	37.5	22.0	9.3	0.0
-50°	93.5	72.3	53.4	35.1	20.5	8.9	0.0
-52.5°	86.4	66.3	49.5	32.8	18.9	8.4	0.0
-55°	79.1	61.2	45.6	30.4	17.2	7.9	0.0
-57.5°	71.5	56.3	41.5	27.9	15.5	7.4	0.0
-60°	64.0	51.2	37.4	25.3	13.8	6.9	0.0
-62.5°	58.0	46.0	33.8	22.7	12.7	6.4	0.0
-65°	51.9	40.8	30.1	20.0	11.7	5.8	0.0
-67.5°	45.8	35.8	26.3	17.2	10.6	5.3	0.0
-70°	39.6	30.9	22.5	14.3	9.4	4.7	0.0
-72.5°	33.5	25.9	18.5	12.4	8.3	4.1	0.0
-75°	27.3	20.8	14.5	10.7	7.1	3.6	0.0
-77.5°	20.9	15.6	11.9	8.9	6.0	3.0	0.0
-80°	14.6	11.9	9.5	7.2	4.8	2.4	0.0
-82.5°	10.7	8.9	7.2	5.4	3.6	1.8	0.0
-85°	7.1	6.0	4.8	3.6	2.4	1.2	0.0
-87.5°	3.6	3.0	2.4	1.8	1.2	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)