

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: P558875 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-940-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558875 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-6)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA3E-940-U-WR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6
Light Source: (48) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

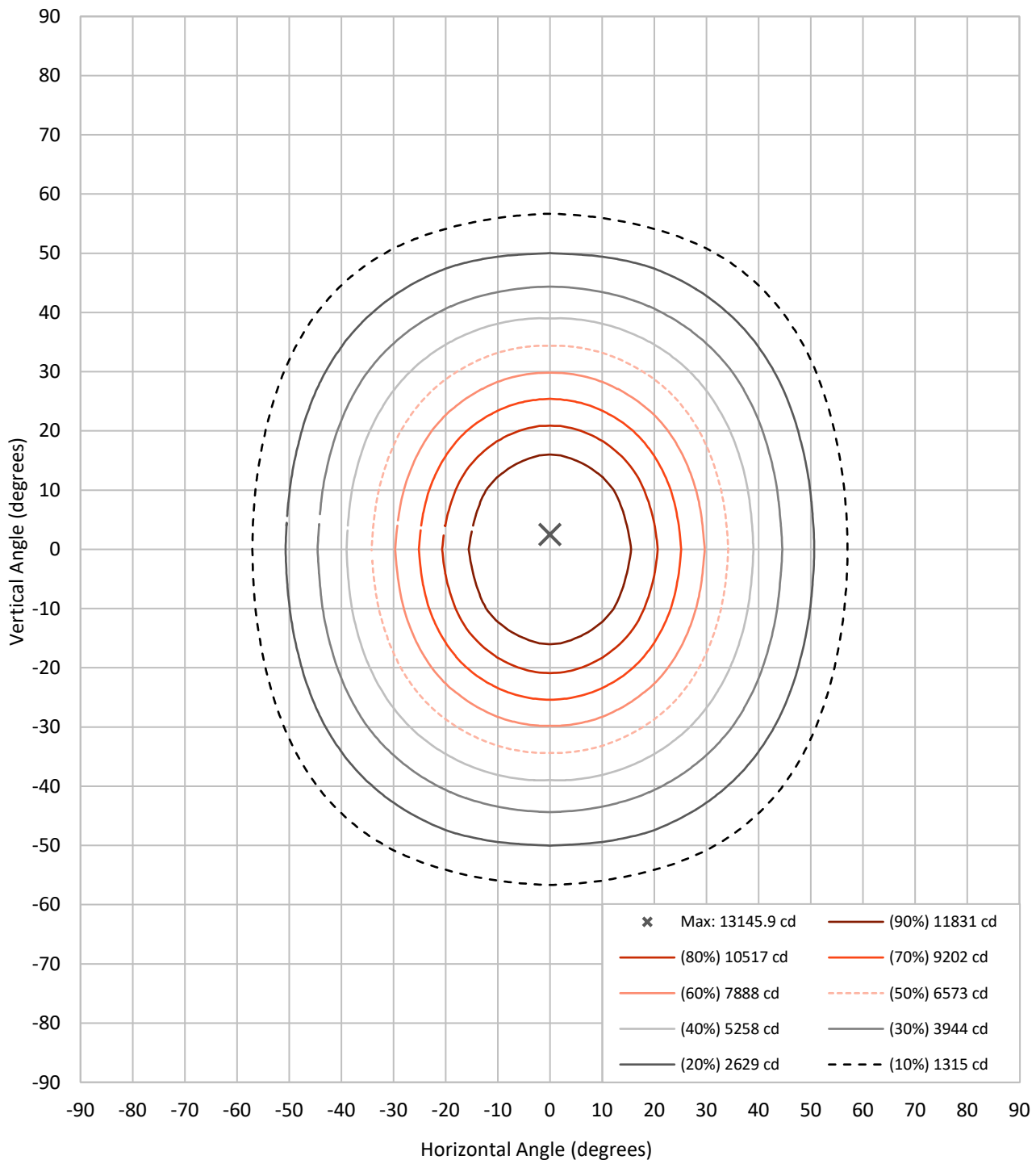
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	17791.8 lumens	Max Intensity:	13145.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	97.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	10667.5 lumens	Field Lumens:	16996 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 182
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P558875 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3E-940-U-WR-XX

Iso-Candela Plot





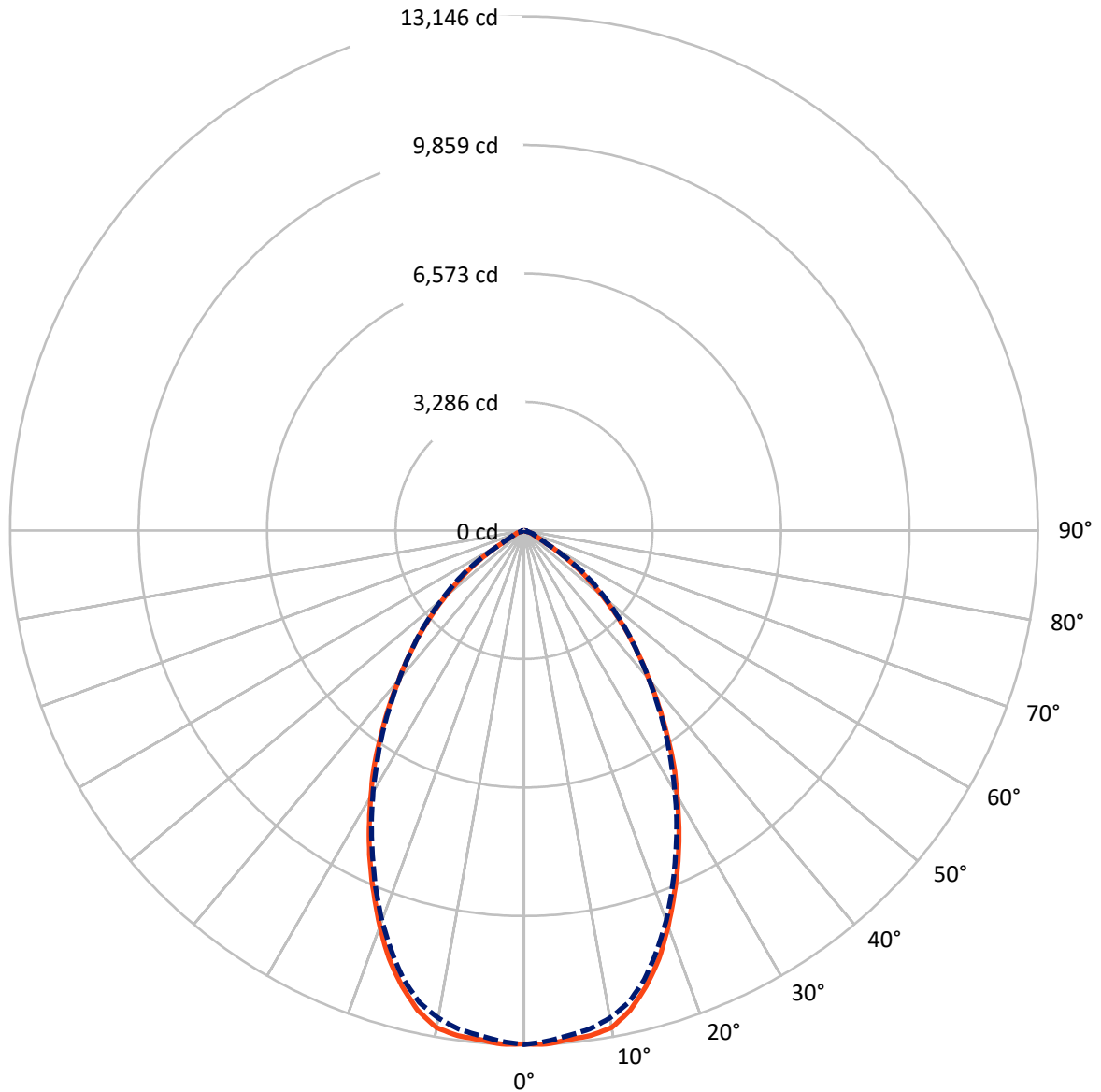
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Lumen Table

90																
80	0.2	1.7		4.3		7.4		5.2		7.4		4.3		1.7		0.2
70																
60	0.8	1.2	2.4	3.8	5.5	7.2	8.8	9.9	9.9	8.8	7.2	5.5	3.8	2.4	1.2	0.8
50		1.9	4.0	7.2	13.8	26.7	40.1	48.0	48.0	40.1	26.7	13.8	7.2	4.0	1.9	
40	1.4	2.6	5.8	17.0	44.8	74.6	99.2	113.1	113.1	99.2	74.6	44.8	17.0	5.8	2.6	1.4
30		3.2	10.0	39.3	80.5	125.7	166.6	191.1	191.1	166.6	125.7	80.5	39.3	10.0	3.2	
20	1.5	3.8	18.2	59.4	114.2	178.8	239.0	276.8	276.8	239.0	178.8	114.2	59.4	18.2	3.8	1.5
10		4.5	26.0	73.9	140.8	223.4	304.2	355.4	355.4	304.2	223.4	140.8	73.9	26.0	4.5	
0	1.6	4.9	30.3	81.7	155.7	249.6	341.8	390.7	390.7	341.8	249.6	155.7	81.7	30.3	4.9	1.6
-10		4.9	30.3	81.7	155.7	249.6	341.8	390.7	390.7	341.8	249.6	155.7	81.7	30.3	4.9	
-20	1.5	4.5	26.0	73.9	140.8	223.4	304.2	355.4	355.4	304.2	223.4	140.8	73.9	26.0	4.5	1.5
-30		3.8	18.2	59.4	114.2	178.8	239.0	276.8	276.8	239.0	178.8	114.2	59.4	18.2	3.8	
-40	1.4	3.2	10.0	39.3	80.5	125.7	166.6	191.1	191.1	166.6	125.7	80.5	39.3	10.0	3.2	1.4
-50		2.6	5.8	17.0	44.8	74.6	99.2	113.1	113.1	99.2	74.6	44.8	17.0	5.8	2.6	
-60	0.8	1.9	4.0	7.2	13.8	26.7	40.1	48.0	48.0	40.1	26.7	13.8	7.2	4.0	1.9	0.8
-70		1.2	2.4	3.8	5.5	7.2	8.8	9.9	9.9	8.8	7.2	5.5	3.8	2.4	1.2	
-80																
-90	0.2	1.7		4.3		7.4		5.2		7.4		4.3		1.7		0.2

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CATALOG NUMBER: GFLD-SA3E-940-U-WR-XX

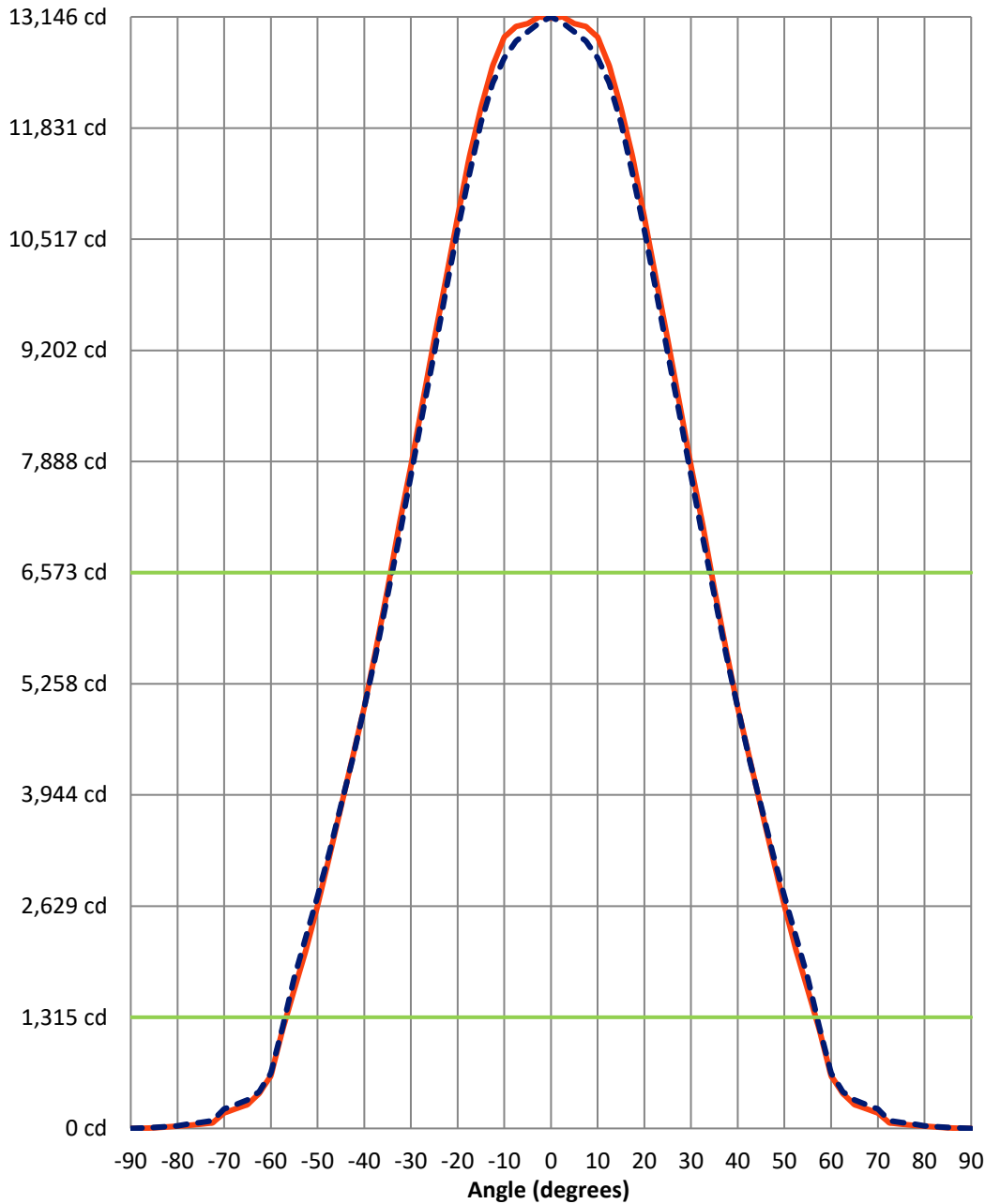
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 68°
V Angle: 68.7°
Lumens: 10667.5
Efficiency: 60.0%

Field:
H Angle: 114°
V Angle: 113.4°
Lumens: 16996
Efficiency: 95.5%

Spill:
Lumens: 795.9
Efficiency: 4.5%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	2.0	2.2
85°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.1	3.5	3.9	4.3
82.5°	0.0	0.7	1.3	2.0	2.6	3.3	3.9	4.6	5.5	7.5	9.6
80°	0.0	0.9	1.8	2.6	3.5	4.4	5.6	8.2	10.9	13.7	16.6
77.5°	0.0	1.1	2.2	3.3	4.4	6.0	9.3	12.8	16.3	19.9	24.8
75°	0.0	1.3	2.6	3.9	5.4	8.7	13.0	17.3	21.9	29.3	36.6
72.5°	0.0	1.5	3.1	4.6	7.2	11.3	16.6	22.8	31.4	39.9	48.2
70°	0.0	1.7	3.5	5.3	8.9	13.8	20.4	30.9	40.7	50.4	64.2
67.5°	0.0	2.0	3.9	6.3	10.5	16.2	26.6	39.0	49.9	64.4	80.7
65°	0.0	2.2	4.3	7.3	12.0	19.3	32.4	46.9	61.2	77.9	96.4
62.5°	0.0	2.4	4.7	8.2	13.5	23.1	37.9	55.4	72.0	91.1	111.3
60°	0.0	2.5	5.1	9.1	14.9	26.7	42.8	63.9	82.3	105.4	126.4
57.5°	0.0	2.7	5.6	9.9	16.9	29.8	47.8	71.6	94.9	119.7	139.0
55°	0.0	2.9	6.1	10.6	18.8	32.7	52.2	77.5	108.0	133.1	150.4
52.5°	0.0	3.1	6.6	11.3	20.5	35.2	56.0	86.3	121.1	143.6	161.7
50°	0.0	3.3	7.0	11.9	21.9	37.5	59.2	94.6	133.0	154.0	173.7
47.5°	0.0	3.4	7.4	12.5	23.1	39.3	62.2	101.7	142.3	164.4	185.1
45°	0.0	3.6	7.9	13.2	24.1	40.7	67.2	107.8	146.3	173.7	195.6
42.5°	0.0	3.8	8.3	13.7	24.7	41.7	71.4	111.1	149.0	182.5	207.3
40°	0.0	3.9	8.7	14.3	25.2	42.1	74.8	112.4	150.6	189.8	218.8
37.5°	0.0	4.0	9.0	15.0	25.4	42.1	77.3	112.8	152.2	193.0	230.0
35°	0.0	4.2	9.4	15.7	25.3	43.1	78.9	112.2	153.7	200.1	241.1
32.5°	0.0	4.3	9.7	16.3	24.9	44.2	79.3	110.7	155.3	209.1	252.1
30°	0.0	4.4	10.0	16.9	24.3	44.8	77.8	109.1	156.8	219.8	262.6
27.5°	0.0	4.5	10.3	17.4	24.9	44.8	75.7	109.4	160.6	232.1	272.4
25°	0.0	4.6	10.5	17.9	25.7	44.3	72.9	109.5	169.0	241.9	281.7
22.5°	0.0	4.7	10.8	18.3	26.4	44.3	69.6	109.2	177.8	249.3	293.6
20°	0.0	4.8	11.0	18.8	27.1	46.4	65.8	108.6	186.8	256.0	304.1
17.5°	0.0	4.9	11.2	19.1	27.7	48.2	65.1	107.6	195.9	262.0	313.4
15°	0.0	4.9	11.3	19.4	28.2	49.8	66.4	107.1	204.8	267.4	321.3
12.5°	0.0	5.0	11.5	19.7	28.8	51.1	67.6	106.3	212.7	271.9	327.9
10°	0.0	5.0	11.6	19.9	29.2	52.2	68.6	104.2	219.2	275.5	332.8
7.5°	0.0	5.1	11.7	20.1	29.6	53.0	69.5	100.9	224.4	278.3	335.7
5°	0.0	5.1	11.7	20.2	29.9	53.6	70.2	96.6	228.0	280.4	337.1
2.5°	0.0	5.1	11.8	20.3	30.2	54.0	70.7	91.6	229.9	281.7	337.3
0°	0.0	5.1	11.8	20.3	30.4	54.1	71.0	86.2	229.8	282.2	336.3
-2.5°	0.0	5.1	11.8	20.3	30.2	54.0	70.7	91.6	229.9	281.7	337.3
-5°	0.0	5.1	11.7	20.2	29.9	53.6	70.2	96.6	228.0	280.4	337.1
-7.5°	0.0	5.1	11.7	20.1	29.6	53.0	69.5	100.9	224.4	278.3	335.7
-10°	0.0	5.0	11.6	19.9	29.2	52.2	68.6	104.2	219.2	275.5	332.8
-12.5°	0.0	5.0	11.5	19.7	28.8	51.1	67.6	106.3	212.7	271.9	327.9
-15°	0.0	4.9	11.3	19.4	28.2	49.8	66.4	107.1	204.8	267.4	321.3
-17.5°	0.0	4.9	11.2	19.1	27.7	48.2	65.1	107.6	195.9	262.0	313.4
-20°	0.0	4.8	11.0	18.8	27.1	46.4	65.8	108.6	186.8	256.0	304.1



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 CATALOG NUMBER: GFLD-SA3E-940-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.7	10.8	18.3	26.4	44.3	69.6	109.2	177.8	249.3	293.6
-25°	0.0	4.6	10.5	17.9	25.7	44.3	72.9	109.5	169.0	241.9	281.7
-27.5°	0.0	4.5	10.3	17.4	24.9	44.8	75.7	109.4	160.6	232.1	272.4
-30°	0.0	4.4	10.0	16.9	24.3	44.8	77.8	109.1	156.8	219.8	262.6
-32.5°	0.0	4.3	9.7	16.3	24.9	44.2	79.3	110.7	155.3	209.1	252.1
-35°	0.0	4.2	9.4	15.7	25.3	43.1	78.9	112.2	153.7	200.1	241.1
-37.5°	0.0	4.0	9.0	15.0	25.4	42.1	77.3	112.8	152.2	193.0	230.0
-40°	0.0	3.9	8.7	14.3	25.2	42.1	74.8	112.4	150.6	189.8	218.8
-42.5°	0.0	3.8	8.3	13.7	24.7	41.7	71.4	111.1	149.0	182.5	207.3
-45°	0.0	3.6	7.9	13.2	24.1	40.7	67.2	107.8	146.3	173.7	195.6
-47.5°	0.0	3.4	7.4	12.5	23.1	39.3	62.2	101.7	142.3	164.4	185.1
-50°	0.0	3.3	7.0	11.9	21.9	37.5	59.2	94.6	133.0	154.0	173.7
-52.5°	0.0	3.1	6.6	11.3	20.5	35.2	56.0	86.3	121.1	143.6	161.7
-55°	0.0	2.9	6.1	10.6	18.8	32.7	52.2	77.5	108.0	133.1	150.4
-57.5°	0.0	2.7	5.6	9.9	16.9	29.8	47.8	71.6	94.9	119.7	139.0
-60°	0.0	2.5	5.1	9.1	14.9	26.7	42.8	63.9	82.3	105.4	126.4
-62.5°	0.0	2.4	4.7	8.2	13.5	23.1	37.9	55.4	72.0	91.1	111.3
-65°	0.0	2.2	4.3	7.3	12.0	19.3	32.4	46.9	61.2	77.9	96.4
-67.5°	0.0	2.0	3.9	6.3	10.5	16.2	26.6	39.0	49.9	64.4	80.7
-70°	0.0	1.7	3.5	5.3	8.9	13.8	20.4	30.9	40.7	50.4	64.2
-72.5°	0.0	1.5	3.1	4.6	7.2	11.3	16.6	22.8	31.4	39.9	48.2
-75°	0.0	1.3	2.6	3.9	5.4	8.7	13.0	17.3	21.9	29.3	36.6
-77.5°	0.0	1.1	2.2	3.3	4.4	6.0	9.3	12.8	16.3	19.9	24.8
-80°	0.0	0.9	1.8	2.6	3.5	4.4	5.6	8.2	10.9	13.7	16.6
-82.5°	0.0	0.7	1.3	2.0	2.6	3.3	3.9	4.6	5.5	7.5	9.6
-85°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.1	3.5	3.9	4.3
-87.5°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	2.0	2.2
-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: P558875 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-940-U-WR-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°	2.2	2.1	2.1	2.0	2.1	2.2	2.3	2.4	2.2	2.0	1.7
85°	4.3	4.3	4.8	5.1	5.7	6.0	6.2	6.2	6.9	7.9	9.0
82.5°	10.7	11.5	11.9	12.0	12.2	12.1	11.9	11.9	14.6	18.2	22.2
80°	18.0	18.7	21.6	24.6	26.2	26.2	24.8	22.2	26.3	32.8	40.7
77.5°	29.3	33.7	38.2	42.8	43.7	41.5	37.9	32.9	38.7	50.4	63.5
75°	42.7	48.5	55.1	60.1	60.2	56.6	51.8	50.9	60.7	74.8	86.4
72.5°	58.3	66.9	73.3	77.5	77.2	76.6	78.4	82.6	90.7	101.0	110.0
70°	77.2	85.8	90.5	92.7	93.6	98.3	105.3	110.5	116.3	126.4	135.9
67.5°	95.9	102.5	106.6	109.6	117.4	126.4	133.4	139.9	147.0	157.4	166.0
65°	112.6	119.3	125.2	134.0	145.5	154.0	162.4	171.0	183.4	195.0	202.0
62.5°	128.9	136.1	145.1	157.0	169.5	180.4	193.9	209.3	225.3	237.3	250.9
60°	141.6	151.8	164.5	178.7	193.6	211.3	228.7	246.7	263.1	279.0	299.2
57.5°	153.6	168.3	184.2	200.9	220.6	242.6	263.9	283.3	303.9	326.2	348.9
55°	166.8	186.0	203.7	223.6	247.6	275.6	299.2	322.2	346.9	384.5	417.2
52.5°	181.3	202.6	222.5	246.8	276.6	306.5	333.5	365.6	407.0	462.7	553.0
50°	194.9	217.8	241.1	272.5	304.7	336.3	375.2	420.0	502.9	606.7	788.6
47.5°	208.5	232.7	263.6	297.5	332.6	374.2	423.6	521.6	634.5	893.2	1150.9
45°	222.0	250.7	284.8	323.3	365.2	417.4	519.9	640.8	948.0	1245.6	1555.5
42.5°	235.1	268.8	307.7	348.7	403.4	498.0	630.1	949.3	1281.9	1623.7	1921.2
40°	250.0	285.6	330.7	382.7	455.0	598.6	895.1	1254.5	1629.4	1952.2	2241.7
37.5°	264.1	306.1	355.1	415.7	545.8	785.3	1167.3	1566.0	1929.1	2244.5	2553.7
35°	276.9	326.0	384.5	475.2	634.7	1029.4	1443.6	1849.0	2196.0	2532.8	2871.1
32.5°	292.0	345.3	412.6	554.1	838.6	1265.2	1705.8	2092.1	2455.5	2814.7	3201.0
30°	308.7	369.2	451.9	629.4	1040.6	1494.1	1930.7	2325.3	2702.2	3101.0	3514.8
27.5°	324.5	392.2	516.9	775.4	1230.5	1708.0	2135.3	2541.4	2945.9	3370.7	3816.1
25°	338.8	414.1	577.8	935.4	1413.8	1890.4	2323.6	2736.9	3173.6	3635.2	4103.9
22.5°	354.2	435.4	632.8	1081.1	1581.5	2052.8	2489.9	2928.0	3390.3	3879.5	4368.5
20°	370.9	481.0	723.3	1215.8	1733.9	2200.4	2639.1	3105.7	3593.1	4099.8	4616.2
17.5°	386.1	521.2	831.3	1343.4	1862.0	2328.7	2773.4	3266.6	3769.4	4299.1	4843.0
15°	399.7	556.1	926.6	1456.4	1970.8	2437.6	2904.3	3409.3	3926.1	4477.8	5042.8
12.5°	411.7	585.6	1008.4	1554.0	2062.5	2530.8	3014.5	3529.8	4065.8	4634.1	5222.8
10°	421.9	609.6	1076.5	1635.6	2137.1	2607.7	3102.8	3630.0	4176.9	4759.9	5368.0
7.5°	428.4	629.4	1130.3	1700.8	2194.7	2667.9	3169.5	3709.0	4258.2	4858.1	5477.8
5°	432.5	645.6	1169.2	1749.0	2236.7	2713.3	3217.5	3765.8	4310.4	4927.0	5551.6
2.5°	434.5	656.7	1192.9	1779.9	2263.0	2745.1	3257.2	3815.5	4365.3	4976.1	5608.8
0°	434.3	662.5	1201.5	1793.0	2273.0	2759.6	3276.8	3841.2	4400.6	4997.1	5647.7
-2.5°	434.5	656.7	1192.9	1779.9	2263.0	2745.1	3257.2	3815.5	4365.3	4976.1	5608.8
-5°	432.5	645.6	1169.2	1749.0	2236.7	2713.3	3217.5	3765.8	4310.4	4927.0	5551.6
-7.5°	428.4	629.4	1130.3	1700.8	2194.7	2667.9	3169.5	3709.0	4258.2	4858.1	5477.8
-10°	421.9	609.6	1076.5	1635.6	2137.1	2607.7	3102.8	3630.0	4176.9	4759.9	5368.0
-12.5°	411.7	585.6	1008.4	1554.0	2062.5	2530.8	3014.5	3529.8	4065.8	4634.1	5222.8
-15°	399.7	556.1	926.6	1456.4	1970.8	2437.6	2904.3	3409.3	3926.1	4477.8	5042.8
-17.5°	386.1	521.2	831.3	1343.4	1862.0	2328.7	2773.4	3266.6	3769.4	4299.1	4843.0
-20°	370.9	481.0	723.3	1215.8	1733.9	2200.4	2639.1	3105.7	3593.1	4099.8	4616.2



REPORT NUMBER: P558875 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-940-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	354.2	435.4	632.8	1081.1	1581.5	2052.8	2489.9	2928.0	3390.3	3879.5	4368.5
-25°	338.8	414.1	577.8	935.4	1413.8	1890.4	2323.6	2736.9	3173.6	3635.2	4103.9
-27.5°	324.5	392.2	516.9	775.4	1230.5	1708.0	2135.3	2541.4	2945.9	3370.7	3816.1
-30°	308.7	369.2	451.9	629.4	1040.6	1494.1	1930.7	2325.3	2702.2	3101.0	3514.8
-32.5°	292.0	345.3	412.6	554.1	838.6	1265.2	1705.8	2092.1	2455.5	2814.7	3201.0
-35°	276.9	326.0	384.5	475.2	634.7	1029.4	1443.6	1849.0	2196.0	2532.8	2871.1
-37.5°	264.1	306.1	355.1	415.7	545.8	785.3	1167.3	1566.0	1929.1	2244.5	2553.7
-40°	250.0	285.6	330.7	382.7	455.0	598.6	895.1	1254.5	1629.4	1952.2	2241.7
-42.5°	235.1	268.8	307.7	348.7	403.4	498.0	630.1	949.3	1281.9	1623.7	1921.2
-45°	222.0	250.7	284.8	323.3	365.2	417.4	519.9	640.8	948.0	1245.6	1555.5
-47.5°	208.5	232.7	263.6	297.5	332.6	374.2	423.6	521.6	634.5	893.2	1150.9
-50°	194.9	217.8	241.1	272.5	304.7	336.3	375.2	420.0	502.9	606.7	788.6
-52.5°	181.3	202.6	222.5	246.8	276.6	306.5	333.5	365.6	407.0	462.7	553.0
-55°	166.8	186.0	203.7	223.6	247.6	275.6	299.2	322.2	346.9	384.5	417.2
-57.5°	153.6	168.3	184.2	200.9	220.6	242.6	263.9	283.3	303.9	326.2	348.9
-60°	141.6	151.8	164.5	178.7	193.6	211.3	228.7	246.7	263.1	279.0	299.2
-62.5°	128.9	136.1	145.1	157.0	169.5	180.4	193.9	209.3	225.3	237.3	250.9
-65°	112.6	119.3	125.2	134.0	145.5	154.0	162.4	171.0	183.4	195.0	202.0
-67.5°	95.9	102.5	106.6	109.6	117.4	126.4	133.4	139.9	147.0	157.4	166.0
-70°	77.2	85.8	90.5	92.7	93.6	98.3	105.3	110.5	116.3	126.4	135.9
-72.5°	58.3	66.9	73.3	77.5	77.2	76.6	78.4	82.6	90.7	101.0	110.0
-75°	42.7	48.5	55.1	60.1	60.2	56.6	51.8	50.9	60.7	74.8	86.4
-77.5°	29.3	33.7	38.2	42.8	43.7	41.5	37.9	32.9	38.7	50.4	63.5
-80°	18.0	18.7	21.6	24.6	26.2	26.2	24.8	22.2	26.3	32.8	40.7
-82.5°	10.7	11.5	11.9	12.0	12.2	12.1	11.9	11.9	14.6	18.2	22.2
-85°	4.3	4.3	4.8	5.1	5.7	6.0	6.2	6.2	6.9	7.9	9.0
-87.5°	2.2	2.1	2.1	2.0	2.1	2.2	2.3	2.4	2.2	2.0	1.7
-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: P558875 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-940-U-WR-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°	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.7
85°	10.3	10.1	9.7	9.2	8.6	8.8	9.1	9.3	9.5	8.9	8.3
82.5°	26.5	28.5	30.3	32.3	34.3	34.0	33.1	31.7	30.0	26.7	23.1
80°	49.7	54.3	57.4	59.9	61.9	60.0	57.1	53.8	50.0	44.4	38.3
77.5°	77.1	81.8	84.2	87.1	90.4	91.0	91.2	91.5	91.8	81.5	68.3
75°	95.7	101.9	107.0	111.5	115.5	117.5	118.7	120.0	121.2	107.5	89.5
72.5°	117.7	123.7	128.5	133.4	137.7	141.0	143.6	145.7	147.3	136.2	120.5
70°	143.4	149.4	155.0	160.0	164.9	169.4	173.4	177.1	180.5	181.2	182.0
67.5°	172.4	175.9	182.6	188.9	196.5	202.0	208.2	214.0	219.3	223.9	227.6
65°	208.3	221.0	233.9	240.2	240.7	248.8	261.4	268.4	270.5	272.1	276.1
62.5°	268.4	284.9	293.6	304.9	320.4	337.3	343.9	353.2	364.5	377.4	389.0
60°	316.2	330.2	351.2	372.4	391.4	408.6	450.2	487.2	518.9	546.2	572.5
57.5°	375.6	398.7	430.7	488.3	541.0	588.7	670.1	769.6	858.2	935.7	1003.8
55°	470.2	537.6	598.2	734.2	879.6	1005.3	1123.1	1249.0	1351.4	1431.6	1505.7
52.5°	631.6	816.8	1004.6	1181.2	1354.8	1512.8	1654.6	1766.2	1853.3	1918.7	1980.7
50°	1011.2	1234.4	1463.1	1673.7	1844.3	2000.1	2147.7	2258.4	2351.0	2430.8	2501.4
47.5°	1425.0	1686.3	1902.4	2096.6	2280.4	2453.3	2614.7	2749.5	2863.6	2968.8	3056.4
45°	1836.7	2070.5	2292.1	2500.3	2700.4	2894.2	3067.9	3221.1	3372.1	3496.9	3595.6
42.5°	2185.0	2432.4	2668.0	2906.5	3130.1	3347.5	3557.3	3743.7	3904.1	4040.4	4150.1
40°	2519.1	2785.9	3065.8	3330.5	3596.1	3844.1	4076.6	4289.4	4472.0	4633.5	4770.1
37.5°	2859.3	3170.7	3478.3	3780.0	4072.6	4342.3	4609.1	4854.6	5068.7	5257.5	5416.2
35°	3218.2	3561.5	3896.3	4236.2	4555.6	4867.8	5162.7	5433.0	5670.0	5892.5	6083.8
32.5°	3577.9	3949.8	4326.7	4694.5	5048.4	5398.0	5721.5	6026.1	6306.3	6552.6	6756.8
30°	3928.0	4337.5	4740.7	5141.4	5545.4	5926.3	6284.6	6619.2	6923.2	7191.5	7423.5
27.5°	4263.9	4704.2	5136.6	5595.0	6034.0	6448.3	6837.6	7197.3	7536.7	7841.8	8105.1
25°	4574.9	5042.5	5546.6	6027.3	6497.0	6956.6	7383.1	7773.8	8161.8	8497.5	8783.4
22.5°	4868.6	5390.4	5921.2	6425.3	6943.6	7448.9	7926.3	8379.1	8793.5	9145.3	9450.2
20°	5147.8	5709.4	6256.3	6814.5	7375.7	7920.9	8446.6	8930.5	9368.4	9751.7	10095.6
17.5°	5411.7	5992.8	6574.0	7170.0	7776.1	8349.2	8906.1	9432.6	9910.7	10335.9	10723.6
15°	5639.9	6240.3	6862.6	7496.1	8130.0	8739.4	9330.5	9904.1	10441.9	10904.8	11295.7
12.5°	5833.8	6459.3	7117.6	7782.3	8450.5	9089.3	9715.8	10329.5	10901.2	11398.9	11800.3
10°	5994.6	6650.0	7337.6	8029.9	8715.3	9379.1	10030.7	10665.7	11279.7	11795.6	12207.8
7.5°	6128.7	6809.2	7512.7	8225.9	8917.5	9606.8	10286.4	10927.8	11532.8	12076.7	12500.4
5°	6228.9	6920.8	7639.1	8370.0	9072.2	9786.2	10485.9	11142.3	11741.3	12234.2	12580.0
2.5°	6303.4	6990.2	7721.1	8456.9	9168.4	9908.1	10622.7	11279.9	11892.9	12359.4	12658.9
0°	6354.1	7028.4	7795.6	8517.2	9240.5	9999.3	10705.7	11369.8	11985.0	12441.2	12750.5
-2.5°	6303.4	6990.2	7721.1	8456.9	9168.4	9908.1	10622.7	11279.9	11892.9	12359.4	12658.9
-5°	6228.9	6920.8	7639.1	8370.0	9072.2	9786.2	10485.9	11142.3	11741.3	12234.2	12580.0
-7.5°	6128.7	6809.2	7512.7	8225.9	8917.5	9606.8	10286.4	10927.8	11532.8	12076.7	12500.4
-10°	5994.6	6650.0	7337.6	8029.9	8715.3	9379.1	10030.7	10665.7	11279.7	11795.6	12207.8
-12.5°	5833.8	6459.3	7117.6	7782.3	8450.5	9089.3	9715.8	10329.5	10901.2	11398.9	11800.3
-15°	5639.9	6240.3	6862.6	7496.1	8130.0	8739.4	9330.5	9904.1	10441.9	10904.8	11295.7
-17.5°	5411.7	5992.8	6574.0	7170.0	7776.1	8349.2	8906.1	9432.6	9910.7	10335.9	10723.6
-20°	5147.8	5709.4	6256.3	6814.5	7375.7	7920.9	8446.6	8930.5	9368.4	9751.7	10095.6



REPORT NUMBER: P558875 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-940-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4868.6	5390.4	5921.2	6425.3	6943.6	7448.9	7926.3	8379.1	8793.5	9145.3	9450.2
-25°	4574.9	5042.5	5546.6	6027.3	6497.0	6956.6	7383.1	7773.8	8161.8	8497.5	8783.4
-27.5°	4263.9	4704.2	5136.6	5595.0	6034.0	6448.3	6837.6	7197.3	7536.7	7841.8	8105.1
-30°	3928.0	4337.5	4740.7	5141.4	5545.4	5926.3	6284.6	6619.2	6923.2	7191.5	7423.5
-32.5°	3577.9	3949.8	4326.7	4694.5	5048.4	5398.0	5721.5	6026.1	6306.3	6552.6	6756.8
-35°	3218.2	3561.5	3896.3	4236.2	4555.6	4867.8	5162.7	5433.0	5670.0	5892.5	6083.8
-37.5°	2859.3	3170.7	3478.3	3780.0	4072.6	4342.3	4609.1	4854.6	5068.7	5257.5	5416.2
-40°	2519.1	2785.9	3065.8	3330.5	3596.1	3844.1	4076.6	4289.4	4472.0	4633.5	4770.1
-42.5°	2185.0	2432.4	2668.0	2906.5	3130.1	3347.5	3557.3	3743.7	3904.1	4040.4	4150.1
-45°	1836.7	2070.5	2292.1	2500.3	2700.4	2894.2	3067.9	3221.1	3372.1	3496.9	3595.6
-47.5°	1425.0	1686.3	1902.4	2096.6	2280.4	2453.3	2614.7	2749.5	2863.6	2968.8	3056.4
-50°	1011.2	1234.4	1463.1	1673.7	1844.3	2000.1	2147.7	2258.4	2351.0	2430.8	2501.4
-52.5°	631.6	816.8	1004.6	1181.2	1354.8	1512.8	1654.6	1766.2	1853.3	1918.7	1980.7
-55°	470.2	537.6	598.2	734.2	879.6	1005.3	1123.1	1249.0	1351.4	1431.6	1505.7
-57.5°	375.6	398.7	430.7	488.3	541.0	588.7	670.1	769.6	858.2	935.7	1003.8
-60°	316.2	330.2	351.2	372.4	391.4	408.6	450.2	487.2	518.9	546.2	572.5
-62.5°	268.4	284.9	293.6	304.9	320.4	337.3	343.9	353.2	364.5	377.4	389.0
-65°	208.3	221.0	233.9	240.2	240.7	248.8	261.4	268.4	270.5	272.1	276.1
-67.5°	172.4	175.9	182.6	188.9	196.5	202.0	208.2	214.0	219.3	223.9	227.6
-70°	143.4	149.4	155.0	160.0	164.9	169.4	173.4	177.1	180.5	181.2	182.0
-72.5°	117.7	123.7	128.5	133.4	137.7	141.0	143.6	145.7	147.3	136.2	120.5
-75°	95.7	101.9	107.0	111.5	115.5	117.5	118.7	120.0	121.2	107.5	89.5
-77.5°	77.1	81.8	84.2	87.1	90.4	91.0	91.2	91.5	91.8	81.5	68.3
-80°	49.7	54.3	57.4	59.9	61.9	60.0	57.1	53.8	50.0	44.4	38.3
-82.5°	26.5	28.5	30.3	32.3	34.3	34.0	33.1	31.7	30.0	26.7	23.1
-85°	10.3	10.1	9.7	9.2	8.6	8.8	9.1	9.3	9.5	8.9	8.3
-87.5°	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.7
-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: P558875 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-940-U-WR-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°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6
85°	7.5	6.8	6.8	6.8	6.8	6.8	7.5	8.3	8.9	9.5	9.3
82.5°	19.2	15.2	16.0	16.9	16.0	15.2	19.2	23.1	26.7	30.0	31.7
80°	31.9	25.4	26.1	27.0	26.1	25.4	31.9	38.3	44.4	50.0	53.8
77.5°	54.2	39.4	38.0	37.2	38.0	39.4	54.2	68.3	81.5	91.8	91.5
75°	70.8	51.8	50.6	50.7	50.6	51.8	70.8	89.5	107.5	121.2	120.0
72.5°	104.6	88.5	77.2	65.9	77.2	88.5	104.6	120.5	136.2	147.3	145.7
70°	183.9	186.2	185.3	182.5	185.3	186.2	183.9	182.0	181.2	180.5	177.1
67.5°	230.8	233.2	233.7	233.2	233.7	233.2	230.8	227.6	223.9	219.3	214.0
65°	278.8	280.4	281.7	282.2	281.7	280.4	278.8	276.1	272.1	270.5	268.4
62.5°	397.7	403.6	409.7	414.0	409.7	403.6	397.7	389.0	377.4	364.5	353.2
60°	595.5	614.4	622.9	623.6	622.9	614.4	595.5	572.5	546.2	518.9	487.2
57.5°	1058.4	1099.2	1135.5	1162.7	1135.5	1099.2	1058.4	1003.8	935.7	858.2	769.6
55°	1564.8	1608.1	1632.6	1639.2	1632.6	1608.1	1564.8	1505.7	1431.6	1351.4	1249.0
52.5°	2027.6	2056.5	2083.8	2107.3	2083.8	2056.5	2027.6	1980.7	1918.7	1853.3	1766.2
50°	2554.6	2586.8	2613.8	2634.6	2613.8	2586.8	2554.6	2501.4	2430.8	2351.0	2258.4
47.5°	3117.9	3157.3	3186.3	3205.8	3186.3	3157.3	3117.9	3056.4	2968.8	2863.6	2749.5
45°	3680.0	3747.4	3788.4	3795.6	3788.4	3747.4	3680.0	3595.6	3496.9	3372.1	3221.1
42.5°	4245.0	4309.6	4353.2	4385.4	4353.2	4309.6	4245.0	4150.1	4040.4	3904.1	3743.7
40°	4883.9	4965.1	5002.2	4978.5	5002.2	4965.1	4883.9	4770.1	4633.5	4472.0	4289.4
37.5°	5538.5	5621.9	5664.9	5662.9	5664.9	5621.9	5538.5	5416.2	5257.5	5068.7	4854.6
35°	6232.5	6335.9	6391.8	6377.8	6391.8	6335.9	6232.5	6083.8	5892.5	5670.0	5433.0
32.5°	6920.0	7045.0	7125.7	7138.2	7125.7	7045.0	6920.0	6756.8	6552.6	6306.3	6026.1
30°	7609.6	7744.7	7825.0	7832.8	7825.0	7744.7	7609.6	7423.5	7191.5	6923.2	6619.2
27.5°	8326.2	8477.3	8561.4	8581.4	8561.4	8477.3	8326.2	8105.1	7841.8	7536.7	7197.3
25°	9027.3	9195.0	9291.4	9328.4	9291.4	9195.0	9027.3	8783.4	8497.5	8161.8	7773.8
22.5°	9703.3	9887.3	10012.9	10044.9	10012.9	9887.3	9703.3	9450.2	9145.3	8793.5	8379.1
20°	10381.4	10598.4	10759.1	10775.0	10759.1	10598.4	10381.4	10095.6	9751.7	9368.4	8930.5
17.5°	11034.2	11269.1	11441.0	11483.0	11441.0	11269.1	11034.2	10723.6	10335.9	9910.7	9432.6
15°	11618.6	11865.2	12031.2	12067.8	12031.2	11865.2	11618.6	11295.7	10904.8	10441.9	9904.1
12.5°	12123.0	12350.3	12505.3	12564.6	12505.3	12350.3	12123.0	11800.3	11398.9	10901.2	10329.5
10°	12529.3	12704.8	12843.4	12906.0	12843.4	12704.8	12529.3	12207.8	11795.6	11279.7	10665.7
7.5°	12756.1	12900.5	12996.5	13031.0	12996.5	12900.5	12756.1	12500.4	12076.7	11532.8	10927.8
5°	12845.7	12984.2	13036.2	13066.5	13036.2	12984.2	12845.7	12580.0	12234.2	11741.3	11142.3
2.5°	12858.0	12968.8	13075.7	13145.9	13075.7	12968.8	12858.0	12658.9	12359.4	11892.9	11279.9
0°	12929.6	13037.8	13096.9	13130.7	13096.9	13037.8	12929.6	12750.5	12441.2	11985.0	11369.8
-2.5°	12858.0	12968.8	13075.7	13145.9	13075.7	12968.8	12858.0	12658.9	12359.4	11892.9	11279.9
-5°	12845.7	12984.2	13036.2	13066.5	13036.2	12984.2	12845.7	12580.0	12234.2	11741.3	11142.3
-7.5°	12756.1	12900.5	12996.5	13031.0	12996.5	12900.5	12756.1	12500.4	12076.7	11532.8	10927.8
-10°	12529.3	12704.8	12843.4	12906.0	12843.4	12704.8	12529.3	12207.8	11795.6	11279.7	10665.7
-12.5°	12123.0	12350.3	12505.3	12564.6	12505.3	12350.3	12123.0	11800.3	11398.9	10901.2	10329.5
-15°	11618.6	11865.2	12031.2	12067.8	12031.2	11865.2	11618.6	11295.7	10904.8	10441.9	9904.1
-17.5°	11034.2	11269.1	11441.0	11483.0	11441.0	11269.1	11034.2	10723.6	10335.9	9910.7	9432.6
-20°	10381.4	10598.4	10759.1	10775.0	10759.1	10598.4	10381.4	10095.6	9751.7	9368.4	8930.5



REPORT NUMBER: P558875 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-940-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	9703.3	9887.3	10012.9	10044.9	10012.9	9887.3	9703.3	9450.2	9145.3	8793.5	8379.1
-25°	9027.3	9195.0	9291.4	9328.4	9291.4	9195.0	9027.3	8783.4	8497.5	8161.8	7773.8
-27.5°	8326.2	8477.3	8561.4	8581.4	8561.4	8477.3	8326.2	8105.1	7841.8	7536.7	7197.3
-30°	7609.6	7744.7	7825.0	7832.8	7825.0	7744.7	7609.6	7423.5	7191.5	6923.2	6619.2
-32.5°	6920.0	7045.0	7125.7	7138.2	7125.7	7045.0	6920.0	6756.8	6552.6	6306.3	6026.1
-35°	6232.5	6335.9	6391.8	6377.8	6391.8	6335.9	6232.5	6083.8	5892.5	5670.0	5433.0
-37.5°	5538.5	5621.9	5664.9	5662.9	5664.9	5621.9	5538.5	5416.2	5257.5	5068.7	4854.6
-40°	4883.9	4965.1	5002.2	4978.5	5002.2	4965.1	4883.9	4770.1	4633.5	4472.0	4289.4
-42.5°	4245.0	4309.6	4353.2	4385.4	4353.2	4309.6	4245.0	4150.1	4040.4	3904.1	3743.7
-45°	3680.0	3747.4	3788.4	3795.6	3788.4	3747.4	3680.0	3595.6	3496.9	3372.1	3221.1
-47.5°	3117.9	3157.3	3186.3	3205.8	3186.3	3157.3	3117.9	3056.4	2968.8	2863.6	2749.5
-50°	2554.6	2586.8	2613.8	2634.6	2613.8	2586.8	2554.6	2501.4	2430.8	2351.0	2258.4
-52.5°	2027.6	2056.5	2083.8	2107.3	2083.8	2056.5	2027.6	1980.7	1918.7	1853.3	1766.2
-55°	1564.8	1608.1	1632.6	1639.2	1632.6	1608.1	1564.8	1505.7	1431.6	1351.4	1249.0
-57.5°	1058.4	1099.2	1135.5	1162.7	1135.5	1099.2	1058.4	1003.8	935.7	858.2	769.6
-60°	595.5	614.4	622.9	623.6	622.9	614.4	595.5	572.5	546.2	518.9	487.2
-62.5°	397.7	403.6	409.7	414.0	409.7	403.6	397.7	389.0	377.4	364.5	353.2
-65°	278.8	280.4	281.7	282.2	281.7	280.4	278.8	276.1	272.1	270.5	268.4
-67.5°	230.8	233.2	233.7	233.2	233.7	233.2	230.8	227.6	223.9	219.3	214.0
-70°	183.9	186.2	185.3	182.5	185.3	186.2	183.9	182.0	181.2	180.5	177.1
-72.5°	104.6	88.5	77.2	65.9	77.2	88.5	104.6	120.5	136.2	147.3	145.7
-75°	70.8	51.8	50.6	50.7	50.6	51.8	70.8	89.5	107.5	121.2	120.0
-77.5°	54.2	39.4	38.0	37.2	38.0	39.4	54.2	68.3	81.5	91.8	91.5
-80°	31.9	25.4	26.1	27.0	26.1	25.4	31.9	38.3	44.4	50.0	53.8
-82.5°	19.2	15.2	16.0	16.9	16.0	15.2	19.2	23.1	26.7	30.0	31.7
-85°	7.5	6.8	6.8	6.8	6.8	6.8	7.5	8.3	8.9	9.5	9.3
-87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6
-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: P558875 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-940-U-WR-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°	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.7	2.0	2.2	2.4
85°	9.1	8.8	8.6	9.2	9.7	10.1	10.3	9.0	7.9	6.9	6.2
82.5°	33.1	34.0	34.3	32.3	30.3	28.5	26.5	22.2	18.2	14.6	11.9
80°	57.1	60.0	61.9	59.9	57.4	54.3	49.7	40.7	32.8	26.3	22.2
77.5°	91.2	91.0	90.4	87.1	84.2	81.8	77.1	63.5	50.4	38.7	32.9
75°	118.7	117.5	115.5	111.5	107.0	101.9	95.7	86.4	74.8	60.7	50.9
72.5°	143.6	141.0	137.7	133.4	128.5	123.7	117.7	110.0	101.0	90.7	82.6
70°	173.4	169.4	164.9	160.0	155.0	149.4	143.4	135.9	126.4	116.3	110.5
67.5°	208.2	202.0	196.5	188.9	182.6	175.9	172.4	166.0	157.4	147.0	139.9
65°	261.4	248.8	240.7	240.2	233.9	221.0	208.3	202.0	195.0	183.4	171.0
62.5°	343.9	337.3	320.4	304.9	293.6	284.9	268.4	250.9	237.3	225.3	209.3
60°	450.2	408.6	391.4	372.4	351.2	330.2	316.2	299.2	279.0	263.1	246.7
57.5°	670.1	588.7	541.0	488.3	430.7	398.7	375.6	348.9	326.2	303.9	283.3
55°	1123.1	1005.3	879.6	734.2	598.2	537.6	470.2	417.2	384.5	346.9	322.2
52.5°	1654.6	1512.8	1354.8	1181.2	1004.6	816.8	631.6	553.0	462.7	407.0	365.6
50°	2147.7	2000.1	1844.3	1673.7	1463.1	1234.4	1011.2	788.6	606.7	502.9	420.0
47.5°	2614.7	2453.3	2280.4	2096.6	1902.4	1686.3	1425.0	1150.9	893.2	634.5	521.6
45°	3067.9	2894.2	2700.4	2500.3	2292.1	2070.5	1836.7	1555.5	1245.6	948.0	640.8
42.5°	3557.3	3347.5	3130.1	2906.5	2668.0	2432.4	2185.0	1921.2	1623.7	1281.9	949.3
40°	4076.6	3844.1	3596.1	3330.5	3065.8	2785.9	2519.1	2241.7	1952.2	1629.4	1254.5
37.5°	4609.1	4342.3	4072.6	3780.0	3478.3	3170.7	2859.3	2553.7	2244.5	1929.1	1566.0
35°	5162.7	4867.8	4555.6	4236.2	3896.3	3561.5	3218.2	2871.1	2532.8	2196.0	1849.0
32.5°	5721.5	5398.0	5048.4	4694.5	4326.7	3949.8	3577.9	3201.0	2814.7	2455.5	2092.1
30°	6284.6	5926.3	5545.4	5141.4	4740.7	4337.5	3928.0	3514.8	3101.0	2702.2	2325.3
27.5°	6837.6	6448.3	6034.0	5595.0	5136.6	4704.2	4263.9	3816.1	3370.7	2945.9	2541.4
25°	7383.1	6956.6	6497.0	6027.3	5546.6	5042.5	4574.9	4103.9	3635.2	3173.6	2736.9
22.5°	7926.3	7448.9	6943.6	6425.3	5921.2	5390.4	4868.6	4368.5	3879.5	3390.3	2928.0
20°	8446.6	7920.9	7375.7	6814.5	6256.3	5709.4	5147.8	4616.2	4099.8	3593.1	3105.7
17.5°	8906.1	8349.2	7776.1	7170.0	6574.0	5992.8	5411.7	4843.0	4299.1	3769.4	3266.6
15°	9330.5	8739.4	8130.0	7496.1	6862.6	6240.3	5639.9	5042.8	4477.8	3926.1	3409.3
12.5°	9715.8	9089.3	8450.5	7782.3	7117.6	6459.3	5833.8	5222.8	4634.1	4065.8	3529.8
10°	10030.7	9379.1	8715.3	8029.9	7337.6	6650.0	5994.6	5368.0	4759.9	4176.9	3630.0
7.5°	10286.4	9606.8	8917.5	8225.9	7512.7	6809.2	6128.7	5477.8	4858.1	4258.2	3709.0
5°	10485.9	9786.2	9072.2	8370.0	7639.1	6920.8	6228.9	5551.6	4927.0	4310.4	3765.8
2.5°	10622.7	9908.1	9168.4	8456.9	7721.1	6990.2	6303.4	5608.8	4976.1	4365.3	3815.5
0°	10705.7	9999.3	9240.5	8517.2	7795.6	7028.4	6354.1	5647.7	4997.1	4400.6	3841.2
-2.5°	10622.7	9908.1	9168.4	8456.9	7721.1	6990.2	6303.4	5608.8	4976.1	4365.3	3815.5
-5°	10485.9	9786.2	9072.2	8370.0	7639.1	6920.8	6228.9	5551.6	4927.0	4310.4	3765.8
-7.5°	10286.4	9606.8	8917.5	8225.9	7512.7	6809.2	6128.7	5477.8	4858.1	4258.2	3709.0
-10°	10030.7	9379.1	8715.3	8029.9	7337.6	6650.0	5994.6	5368.0	4759.9	4176.9	3630.0
-12.5°	9715.8	9089.3	8450.5	7782.3	7117.6	6459.3	5833.8	5222.8	4634.1	4065.8	3529.8
-15°	9330.5	8739.4	8130.0	7496.1	6862.6	6240.3	5639.9	5042.8	4477.8	3926.1	3409.3
-17.5°	8906.1	8349.2	7776.1	7170.0	6574.0	5992.8	5411.7	4843.0	4299.1	3769.4	3266.6
-20°	8446.6	7920.9	7375.7	6814.5	6256.3	5709.4	5147.8	4616.2	4099.8	3593.1	3105.7



REPORT NUMBER: P558875 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-940-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7926.3	7448.9	6943.6	6425.3	5921.2	5390.4	4868.6	4368.5	3879.5	3390.3	2928.0
-25°	7383.1	6956.6	6497.0	6027.3	5546.6	5042.5	4574.9	4103.9	3635.2	3173.6	2736.9
-27.5°	6837.6	6448.3	6034.0	5595.0	5136.6	4704.2	4263.9	3816.1	3370.7	2945.9	2541.4
-30°	6284.6	5926.3	5545.4	5141.4	4740.7	4337.5	3928.0	3514.8	3101.0	2702.2	2325.3
-32.5°	5721.5	5398.0	5048.4	4694.5	4326.7	3949.8	3577.9	3201.0	2814.7	2455.5	2092.1
-35°	5162.7	4867.8	4555.6	4236.2	3896.3	3561.5	3218.2	2871.1	2532.8	2196.0	1849.0
-37.5°	4609.1	4342.3	4072.6	3780.0	3478.3	3170.7	2859.3	2553.7	2244.5	1929.1	1566.0
-40°	4076.6	3844.1	3596.1	3330.5	3065.8	2785.9	2519.1	2241.7	1952.2	1629.4	1254.5
-42.5°	3557.3	3347.5	3130.1	2906.5	2668.0	2432.4	2185.0	1921.2	1623.7	1281.9	949.3
-45°	3067.9	2894.2	2700.4	2500.3	2292.1	2070.5	1836.7	1555.5	1245.6	948.0	640.8
-47.5°	2614.7	2453.3	2280.4	2096.6	1902.4	1686.3	1425.0	1150.9	893.2	634.5	521.6
-50°	2147.7	2000.1	1844.3	1673.7	1463.1	1234.4	1011.2	788.6	606.7	502.9	420.0
-52.5°	1654.6	1512.8	1354.8	1181.2	1004.6	816.8	631.6	553.0	462.7	407.0	365.6
-55°	1123.1	1005.3	879.6	734.2	598.2	537.6	470.2	417.2	384.5	346.9	322.2
-57.5°	670.1	588.7	541.0	488.3	430.7	398.7	375.6	348.9	326.2	303.9	283.3
-60°	450.2	408.6	391.4	372.4	351.2	330.2	316.2	299.2	279.0	263.1	246.7
-62.5°	343.9	337.3	320.4	304.9	293.6	284.9	268.4	250.9	237.3	225.3	209.3
-65°	261.4	248.8	240.7	240.2	233.9	221.0	208.3	202.0	195.0	183.4	171.0
-67.5°	208.2	202.0	196.5	188.9	182.6	175.9	172.4	166.0	157.4	147.0	139.9
-70°	173.4	169.4	164.9	160.0	155.0	149.4	143.4	135.9	126.4	116.3	110.5
-72.5°	143.6	141.0	137.7	133.4	128.5	123.7	117.7	110.0	101.0	90.7	82.6
-75°	118.7	117.5	115.5	111.5	107.0	101.9	95.7	86.4	74.8	60.7	50.9
-77.5°	91.2	91.0	90.4	87.1	84.2	81.8	77.1	63.5	50.4	38.7	32.9
-80°	57.1	60.0	61.9	59.9	57.4	54.3	49.7	40.7	32.8	26.3	22.2
-82.5°	33.1	34.0	34.3	32.3	30.3	28.5	26.5	22.2	18.2	14.6	11.9
-85°	9.1	8.8	8.6	9.2	9.7	10.1	10.3	9.0	7.9	6.9	6.2
-87.5°	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.7	2.0	2.2	2.4
-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: P558875 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-940-U-WR-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°	2.3	2.2	2.1	2.0	2.1	2.1	2.2	2.2	2.0	1.7	1.5
85°	6.2	6.0	5.7	5.1	4.8	4.3	4.3	4.3	3.9	3.5	3.1
82.5°	11.9	12.1	12.2	12.0	11.9	11.5	10.7	9.6	7.5	5.5	4.6
80°	24.8	26.2	26.2	24.6	21.6	18.7	18.0	16.6	13.7	10.9	8.2
77.5°	37.9	41.5	43.7	42.8	38.2	33.7	29.3	24.8	19.9	16.3	12.8
75°	51.8	56.6	60.2	60.1	55.1	48.5	42.7	36.6	29.3	21.9	17.3
72.5°	78.4	76.6	77.2	77.5	73.3	66.9	58.3	48.2	39.9	31.4	22.8
70°	105.3	98.3	93.6	92.7	90.5	85.8	77.2	64.2	50.4	40.7	30.9
67.5°	133.4	126.4	117.4	109.6	106.6	102.5	95.9	80.7	64.4	49.9	39.0
65°	162.4	154.0	145.5	134.0	125.2	119.3	112.6	96.4	77.9	61.2	46.9
62.5°	193.9	180.4	169.5	157.0	145.1	136.1	128.9	111.3	91.1	72.0	55.4
60°	228.7	211.3	193.6	178.7	164.5	151.8	141.6	126.4	105.4	82.3	63.9
57.5°	263.9	242.6	220.6	200.9	184.2	168.3	153.6	139.0	119.7	94.9	71.6
55°	299.2	275.6	247.6	223.6	203.7	186.0	166.8	150.4	133.1	108.0	77.5
52.5°	333.5	306.5	276.6	246.8	222.5	202.6	181.3	161.7	143.6	121.1	86.3
50°	375.2	336.3	304.7	272.5	241.1	217.8	194.9	173.7	154.0	133.0	94.6
47.5°	423.6	374.2	332.6	297.5	263.6	232.7	208.5	185.1	164.4	142.3	101.7
45°	519.9	417.4	365.2	323.3	284.8	250.7	222.0	195.6	173.7	146.3	107.8
42.5°	630.1	498.0	403.4	348.7	307.7	268.8	235.1	207.3	182.5	149.0	111.1
40°	895.1	598.6	455.0	382.7	330.7	285.6	250.0	218.8	189.8	150.6	112.4
37.5°	1167.3	785.3	545.8	415.7	355.1	306.1	264.1	230.0	193.0	152.2	112.8
35°	1443.6	1029.4	634.7	475.2	384.5	326.0	276.9	241.1	200.1	153.7	112.2
32.5°	1705.8	1265.2	838.6	554.1	412.6	345.3	292.0	252.1	209.1	155.3	110.7
30°	1930.7	1494.1	1040.6	629.4	451.9	369.2	308.7	262.6	219.8	156.8	109.1
27.5°	2135.3	1708.0	1230.5	775.4	516.9	392.2	324.5	272.4	232.1	160.6	109.4
25°	2323.6	1890.4	1413.8	935.4	577.8	414.1	338.8	281.7	241.9	169.0	109.5
22.5°	2489.9	2052.8	1581.5	1081.1	632.8	435.4	354.2	293.6	249.3	177.8	109.2
20°	2639.1	2200.4	1733.9	1215.8	723.3	481.0	370.9	304.1	256.0	186.8	108.6
17.5°	2773.4	2328.7	1862.0	1343.4	831.3	521.2	386.1	313.4	262.0	195.9	107.6
15°	2904.3	2437.6	1970.8	1456.4	926.6	556.1	399.7	321.3	267.4	204.8	107.1
12.5°	3014.5	2530.8	2062.5	1554.0	1008.4	585.6	411.7	327.9	271.9	212.7	106.3
10°	3102.8	2607.7	2137.1	1635.6	1076.5	609.6	421.9	332.8	275.5	219.2	104.2
7.5°	3169.5	2667.9	2194.7	1700.8	1130.3	629.4	428.4	335.7	278.3	224.4	100.9
5°	3217.5	2713.3	2236.7	1749.0	1169.2	645.6	432.5	337.1	280.4	228.0	96.6
2.5°	3257.2	2745.1	2263.0	1779.9	1192.9	656.7	434.5	337.3	281.7	229.9	91.6
0°	3276.8	2759.6	2273.0	1793.0	1201.5	662.5	434.3	336.3	282.2	229.8	86.2
-2.5°	3257.2	2745.1	2263.0	1779.9	1192.9	656.7	434.5	337.3	281.7	229.9	91.6
-5°	3217.5	2713.3	2236.7	1749.0	1169.2	645.6	432.5	337.1	280.4	228.0	96.6
-7.5°	3169.5	2667.9	2194.7	1700.8	1130.3	629.4	428.4	335.7	278.3	224.4	100.9
-10°	3102.8	2607.7	2137.1	1635.6	1076.5	609.6	421.9	332.8	275.5	219.2	104.2
-12.5°	3014.5	2530.8	2062.5	1554.0	1008.4	585.6	411.7	327.9	271.9	212.7	106.3
-15°	2904.3	2437.6	1970.8	1456.4	926.6	556.1	399.7	321.3	267.4	204.8	107.1
-17.5°	2773.4	2328.7	1862.0	1343.4	831.3	521.2	386.1	313.4	262.0	195.9	107.6
-20°	2639.1	2200.4	1733.9	1215.8	723.3	481.0	370.9	304.1	256.0	186.8	108.6



REPORT NUMBER: P558875 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-940-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2489.9	2052.8	1581.5	1081.1	632.8	435.4	354.2	293.6	249.3	177.8	109.2
-25°	2323.6	1890.4	1413.8	935.4	577.8	414.1	338.8	281.7	241.9	169.0	109.5
-27.5°	2135.3	1708.0	1230.5	775.4	516.9	392.2	324.5	272.4	232.1	160.6	109.4
-30°	1930.7	1494.1	1040.6	629.4	451.9	369.2	308.7	262.6	219.8	156.8	109.1
-32.5°	1705.8	1265.2	838.6	554.1	412.6	345.3	292.0	252.1	209.1	155.3	110.7
-35°	1443.6	1029.4	634.7	475.2	384.5	326.0	276.9	241.1	200.1	153.7	112.2
-37.5°	1167.3	785.3	545.8	415.7	355.1	306.1	264.1	230.0	193.0	152.2	112.8
-40°	895.1	598.6	455.0	382.7	330.7	285.6	250.0	218.8	189.8	150.6	112.4
-42.5°	630.1	498.0	403.4	348.7	307.7	268.8	235.1	207.3	182.5	149.0	111.1
-45°	519.9	417.4	365.2	323.3	284.8	250.7	222.0	195.6	173.7	146.3	107.8
-47.5°	423.6	374.2	332.6	297.5	263.6	232.7	208.5	185.1	164.4	142.3	101.7
-50°	375.2	336.3	304.7	272.5	241.1	217.8	194.9	173.7	154.0	133.0	94.6
-52.5°	333.5	306.5	276.6	246.8	222.5	202.6	181.3	161.7	143.6	121.1	86.3
-55°	299.2	275.6	247.6	223.6	203.7	186.0	166.8	150.4	133.1	108.0	77.5
-57.5°	263.9	242.6	220.6	200.9	184.2	168.3	153.6	139.0	119.7	94.9	71.6
-60°	228.7	211.3	193.6	178.7	164.5	151.8	141.6	126.4	105.4	82.3	63.9
-62.5°	193.9	180.4	169.5	157.0	145.1	136.1	128.9	111.3	91.1	72.0	55.4
-65°	162.4	154.0	145.5	134.0	125.2	119.3	112.6	96.4	77.9	61.2	46.9
-67.5°	133.4	126.4	117.4	109.6	106.6	102.5	95.9	80.7	64.4	49.9	39.0
-70°	105.3	98.3	93.6	92.7	90.5	85.8	77.2	64.2	50.4	40.7	30.9
-72.5°	78.4	76.6	77.2	77.5	73.3	66.9	58.3	48.2	39.9	31.4	22.8
-75°	51.8	56.6	60.2	60.1	55.1	48.5	42.7	36.6	29.3	21.9	17.3
-77.5°	37.9	41.5	43.7	42.8	38.2	33.7	29.3	24.8	19.9	16.3	12.8
-80°	24.8	26.2	26.2	24.6	21.6	18.7	18.0	16.6	13.7	10.9	8.2
-82.5°	11.9	12.1	12.2	12.0	11.9	11.5	10.7	9.6	7.5	5.5	4.6
-85°	6.2	6.0	5.7	5.1	4.8	4.3	4.3	4.3	3.9	3.5	3.1
-87.5°	2.3	2.2	2.1	2.0	2.1	2.1	2.2	2.2	2.0	1.7	1.5
-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: P558875 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-940-U-WR-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°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
85°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
82.5°	3.9	3.3	2.6	2.0	1.3	0.7	0.0
80°	5.6	4.4	3.5	2.6	1.8	0.9	0.0
77.5°	9.3	6.0	4.4	3.3	2.2	1.1	0.0
75°	13.0	8.7	5.4	3.9	2.6	1.3	0.0
72.5°	16.6	11.3	7.2	4.6	3.1	1.5	0.0
70°	20.4	13.8	8.9	5.3	3.5	1.7	0.0
67.5°	26.6	16.2	10.5	6.3	3.9	2.0	0.0
65°	32.4	19.3	12.0	7.3	4.3	2.2	0.0
62.5°	37.9	23.1	13.5	8.2	4.7	2.4	0.0
60°	42.8	26.7	14.9	9.1	5.1	2.5	0.0
57.5°	47.8	29.8	16.9	9.9	5.6	2.7	0.0
55°	52.2	32.7	18.8	10.6	6.1	2.9	0.0
52.5°	56.0	35.2	20.5	11.3	6.6	3.1	0.0
50°	59.2	37.5	21.9	11.9	7.0	3.3	0.0
47.5°	62.2	39.3	23.1	12.5	7.4	3.4	0.0
45°	67.2	40.7	24.1	13.2	7.9	3.6	0.0
42.5°	71.4	41.7	24.7	13.7	8.3	3.8	0.0
40°	74.8	42.1	25.2	14.3	8.7	3.9	0.0
37.5°	77.3	42.1	25.4	15.0	9.0	4.0	0.0
35°	78.9	43.1	25.3	15.7	9.4	4.2	0.0
32.5°	79.3	44.2	24.9	16.3	9.7	4.3	0.0
30°	77.8	44.8	24.3	16.9	10.0	4.4	0.0
27.5°	75.7	44.8	24.9	17.4	10.3	4.5	0.0
25°	72.9	44.3	25.7	17.9	10.5	4.6	0.0
22.5°	69.6	44.3	26.4	18.3	10.8	4.7	0.0
20°	65.8	46.4	27.1	18.8	11.0	4.8	0.0
17.5°	65.1	48.2	27.7	19.1	11.2	4.9	0.0
15°	66.4	49.8	28.2	19.4	11.3	4.9	0.0
12.5°	67.6	51.1	28.8	19.7	11.5	5.0	0.0
10°	68.6	52.2	29.2	19.9	11.6	5.0	0.0
7.5°	69.5	53.0	29.6	20.1	11.7	5.1	0.0
5°	70.2	53.6	29.9	20.2	11.7	5.1	0.0
2.5°	70.7	54.0	30.2	20.3	11.8	5.1	0.0
0°	71.0	54.1	30.4	20.3	11.8	5.1	0.0
-2.5°	70.7	54.0	30.2	20.3	11.8	5.1	0.0
-5°	70.2	53.6	29.9	20.2	11.7	5.1	0.0
-7.5°	69.5	53.0	29.6	20.1	11.7	5.1	0.0
-10°	68.6	52.2	29.2	19.9	11.6	5.0	0.0
-12.5°	67.6	51.1	28.8	19.7	11.5	5.0	0.0
-15°	66.4	49.8	28.2	19.4	11.3	4.9	0.0
-17.5°	65.1	48.2	27.7	19.1	11.2	4.9	0.0
-20°	65.8	46.4	27.1	18.8	11.0	4.8	0.0



REPORT NUMBER: P558875 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-940-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	69.6	44.3	26.4	18.3	10.8	4.7	0.0
-25°	72.9	44.3	25.7	17.9	10.5	4.6	0.0
-27.5°	75.7	44.8	24.9	17.4	10.3	4.5	0.0
-30°	77.8	44.8	24.3	16.9	10.0	4.4	0.0
-32.5°	79.3	44.2	24.9	16.3	9.7	4.3	0.0
-35°	78.9	43.1	25.3	15.7	9.4	4.2	0.0
-37.5°	77.3	42.1	25.4	15.0	9.0	4.0	0.0
-40°	74.8	42.1	25.2	14.3	8.7	3.9	0.0
-42.5°	71.4	41.7	24.7	13.7	8.3	3.8	0.0
-45°	67.2	40.7	24.1	13.2	7.9	3.6	0.0
-47.5°	62.2	39.3	23.1	12.5	7.4	3.4	0.0
-50°	59.2	37.5	21.9	11.9	7.0	3.3	0.0
-52.5°	56.0	35.2	20.5	11.3	6.6	3.1	0.0
-55°	52.2	32.7	18.8	10.6	6.1	2.9	0.0
-57.5°	47.8	29.8	16.9	9.9	5.6	2.7	0.0
-60°	42.8	26.7	14.9	9.1	5.1	2.5	0.0
-62.5°	37.9	23.1	13.5	8.2	4.7	2.4	0.0
-65°	32.4	19.3	12.0	7.3	4.3	2.2	0.0
-67.5°	26.6	16.2	10.5	6.3	3.9	2.0	0.0
-70°	20.4	13.8	8.9	5.3	3.5	1.7	0.0
-72.5°	16.6	11.3	7.2	4.6	3.1	1.5	0.0
-75°	13.0	8.7	5.4	3.9	2.6	1.3	0.0
-77.5°	9.3	6.0	4.4	3.3	2.2	1.1	0.0
-80°	5.6	4.4	3.5	2.6	1.8	0.9	0.0
-82.5°	3.9	3.3	2.6	2.0	1.3	0.7	0.0
-85°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
-87.5°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)