

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: P559217 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-935-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559217 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA6D-935-U-TSB-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, TIGHT SPOT BAFFLE N1
Light Source: (96) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

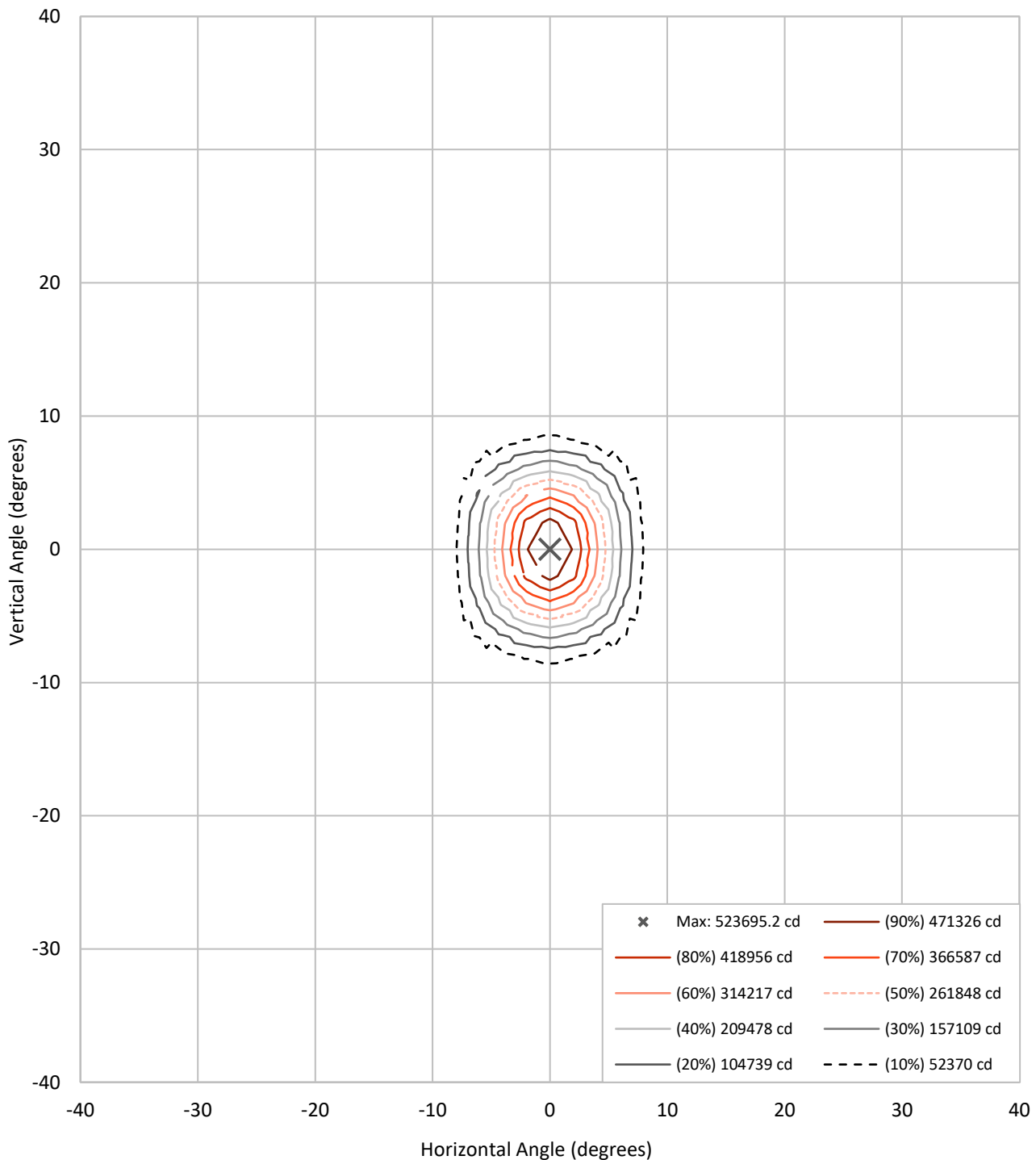
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	20393.8 lumens	Max Intensity:	523695.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	63.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	8741.2 lumens	Field Lumens:	15065.2 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 319
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-SA6D-935-U-TSB-XX

Iso-Candela Plot





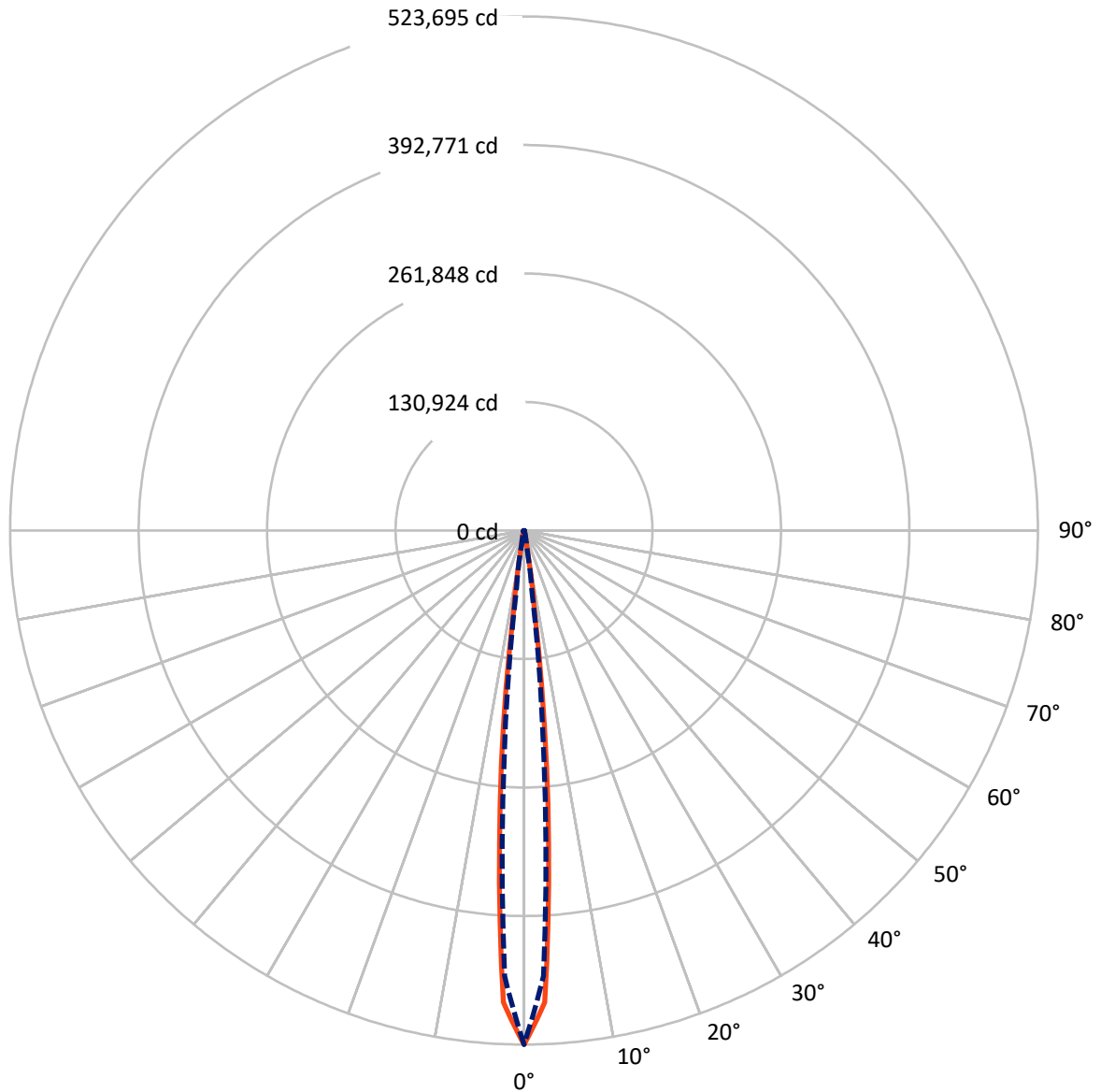
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Lumen Table

90	0.1	0.6	2.1	4.9	8.4	4.9	2.1	0.6	0.1							
80	0.1	0.6	2.1	4.9	8.4	4.9	2.1	0.6	0.1							
70	0.3	0.4	1.1	2.2	3.5	4.5	7.2	12.7	12.7	7.2	4.5	3.5	2.2	1.1	0.4	0.3
60		0.8	2.0	4.2	6.6	9.0	12.1	16.5	16.5	12.1	9.0	6.6	4.2	2.0	0.8	
50	1.0	1.4	3.2	6.6	11.5	17.3	22.2	26.5	26.5	22.2	17.3	11.5	6.6	3.2	1.4	1.0
40		2.2	4.6	9.9	17.9	24.1	27.3	28.9	28.9	27.3	24.1	17.9	9.9	4.6	2.2	
30	2.0	3.3	6.3	14.0	22.0	26.3	35.8	47.1	47.1	35.8	26.3	22.0	14.0	6.3	3.3	2.0
20		4.4	8.7	17.8	24.3	34.6	70.1	140.0	140.0	70.1	34.6	24.3	17.8	8.7	4.4	
10	2.4	5.0	10.4	19.8	25.3	44.3	138.5	4097.4	4097.4	138.5	44.3	25.3	19.8	10.4	5.0	2.4
0		5.0	10.4	19.8	25.3	44.3	138.5	4097.4	4097.4	138.5	44.3	25.3	19.8	10.4	5.0	
-10	2.0	4.4	8.7	17.8	24.3	34.6	70.1	140.0	140.0	70.1	34.6	24.3	17.8	8.7	4.4	2.0
-20		3.3	6.3	14.0	22.0	26.3	35.8	47.1	47.1	35.8	26.3	22.0	14.0	6.3	3.3	
-30	1.0	2.2	4.6	9.9	17.9	24.1	27.3	28.9	28.9	27.3	24.1	17.9	9.9	4.6	2.2	1.0
-40		1.4	3.2	6.6	11.5	17.3	22.2	26.5	26.5	22.2	17.3	11.5	6.6	3.2	1.4	
-50	0.3	0.8	2.0	4.2	6.6	9.0	12.1	16.5	16.5	12.1	9.0	6.6	4.2	2.0	0.8	0.3
-60		0.4	1.1	2.2	3.5	4.5	7.2	12.7	12.7	7.2	4.5	3.5	2.2	1.1	0.4	
-70	0.1	0.6	2.1	4.9	8.4	4.9	2.1	0.6	0.1							
-80		0.1	0.6	2.1	4.9	8.4	4.9	2.1	0.6	0.1						
-90	0.1	0.6	2.1	4.9	8.4	4.9	2.1	0.6	0.1							

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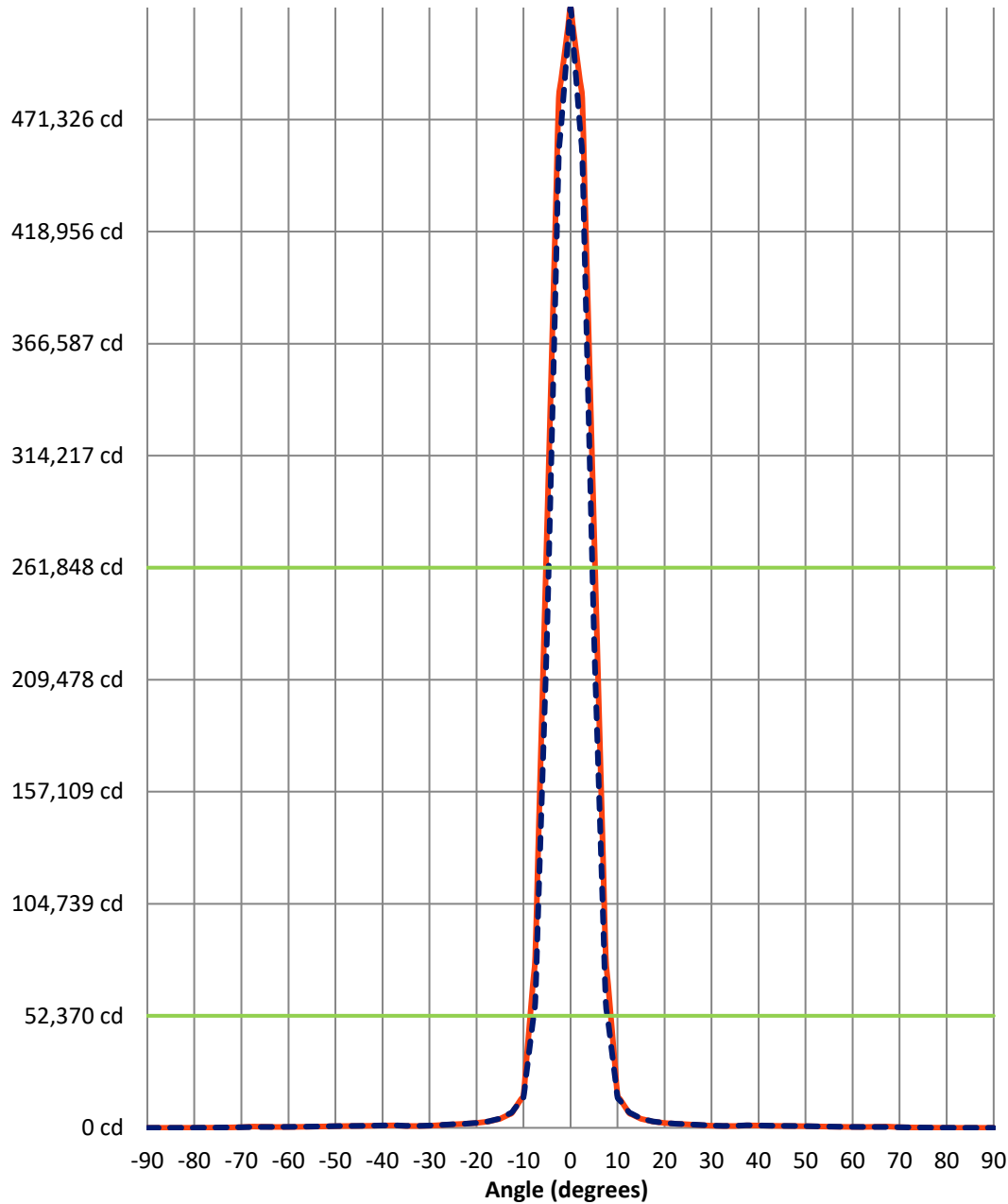
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 9.3°
V Angle: 10.4°
Lumens: 8741.2
Efficiency: 42.9%

Field:
H Angle: 15.7°
V Angle: 17.1°
Lumens: 15065.2
Efficiency: 73.9%

Spill:
Lumens: 5328.6
Efficiency: 26.1%

— 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	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.5
85°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
82.5°	0.0	0.8	1.6	2.3	3.1	3.9	4.6	5.4	6.0	6.0	6.0
80°	0.0	1.0	2.1	3.1	4.1	5.2	6.0	6.0	6.0	6.0	6.0
77.5°	0.0	1.3	2.6	3.9	5.2	6.0	6.0	6.0	6.0	6.0	6.6
75°	0.0	1.6	3.1	4.6	6.0	6.0	6.0	6.0	6.2	7.9	9.1
72.5°	0.0	1.8	3.6	5.4	6.0	6.0	6.0	6.6	8.8	10.5	11.7
70°	0.0	2.1	4.1	6.0	6.0	6.0	6.3	9.1	11.3	13.1	16.3
67.5°	0.0	2.3	4.6	6.0	6.0	6.0	8.5	11.5	13.9	18.0	21.4
65°	0.0	2.5	5.1	6.0	6.0	7.0	10.8	13.9	18.4	22.8	27.3
62.5°	0.0	2.8	5.5	6.0	6.0	9.0	13.0	17.5	22.9	28.2	35.0
60°	0.0	3.0	6.0	6.0	6.0	10.9	15.2	21.6	27.4	35.6	42.9
57.5°	0.0	3.2	6.0	6.0	7.5	12.9	19.1	25.7	33.9	43.1	51.9
55°	0.0	3.4	6.1	6.0	9.1	14.8	23.2	30.1	40.8	51.0	61.6
52.5°	0.0	3.7	6.1	6.0	10.7	17.0	27.4	36.8	47.8	60.3	71.5
50°	0.0	3.9	6.2	6.0	12.3	20.7	31.7	44.0	55.3	69.6	83.4
47.5°	0.0	4.1	6.3	6.3	13.8	24.5	36.4	51.4	63.8	79.1	96.0
45°	0.0	4.2	6.3	7.4	15.3	28.3	43.0	59.1	74.0	90.9	109.0
42.5°	0.0	4.4	6.4	8.5	16.7	32.1	49.8	67.8	84.7	103.0	124.4
40°	0.0	4.6	6.5	9.6	18.9	35.9	56.6	77.4	96.4	115.7	140.6
37.5°	0.0	4.8	6.7	10.5	21.8	39.6	63.5	87.2	109.7	131.7	157.5
35°	0.0	4.9	6.8	11.4	24.7	44.6	70.5	97.1	123.2	150.1	173.7
32.5°	0.0	5.1	6.9	12.2	27.5	50.0	77.8	107.2	136.8	169.3	194.2
30°	0.0	5.2	7.1	12.9	30.2	55.4	85.9	117.7	150.5	189.1	217.3
27.5°	0.0	5.3	7.2	13.5	31.9	60.6	94.0	128.9	165.3	209.5	242.7
25°	0.0	5.4	7.4	14.1	33.3	65.7	101.9	140.1	182.0	230.6	270.1
22.5°	0.0	5.5	7.5	14.5	34.4	69.8	109.7	151.0	198.8	253.0	293.4
20°	0.0	5.6	7.7	14.8	35.2	71.2	117.2	161.6	215.3	276.2	316.2
17.5°	0.0	5.7	7.8	15.0	35.7	72.1	121.2	172.0	231.7	300.1	338.7
15°	0.0	5.8	8.0	15.2	35.9	72.5	122.6	179.4	247.6	324.3	360.7
12.5°	0.0	5.9	8.2	15.3	35.9	72.5	123.5	183.2	258.0	348.4	382.3
10°	0.0	5.9	8.3	15.3	35.7	71.9	123.8	186.7	263.2	357.7	397.5
7.5°	0.0	5.9	8.5	15.3	35.2	70.9	123.6	189.5	267.1	363.3	400.2
5°	0.0	6.0	8.6	15.2	34.6	69.5	122.7	191.7	269.7	367.1	402.5
2.5°	0.0	6.0	8.8	15.1	33.8	67.7	121.3	193.1	271.0	369.1	404.2
0°	0.0	6.0	8.9	14.9	32.8	65.5	119.2	193.6	271.1	369.4	405.2
-2.5°	0.0	6.0	8.8	15.1	33.8	67.7	121.3	193.1	271.0	369.1	404.2
-5°	0.0	6.0	8.6	15.2	34.6	69.5	122.7	191.7	269.7	367.1	402.5
-7.5°	0.0	5.9	8.5	15.3	35.2	70.9	123.6	189.5	267.1	363.3	400.2
-10°	0.0	5.9	8.3	15.3	35.7	71.9	123.8	186.7	263.2	357.7	397.5
-12.5°	0.0	5.9	8.2	15.3	35.9	72.5	123.5	183.2	258.0	348.4	382.3
-15°	0.0	5.8	8.0	15.2	35.9	72.5	122.6	179.4	247.6	324.3	360.7
-17.5°	0.0	5.7	7.8	15.0	35.7	72.1	121.2	172.0	231.7	300.1	338.7
-20°	0.0	5.6	7.7	14.8	35.2	71.2	117.2	161.6	215.3	276.2	316.2



REPORT NUMBER: P559217 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.5	7.5	14.5	34.4	69.8	109.7	151.0	198.8	253.0	293.4
-25°	0.0	5.4	7.4	14.1	33.3	65.7	101.9	140.1	182.0	230.6	270.1
-27.5°	0.0	5.3	7.2	13.5	31.9	60.6	94.0	128.9	165.3	209.5	242.7
-30°	0.0	5.2	7.1	12.9	30.2	55.4	85.9	117.7	150.5	189.1	217.3
-32.5°	0.0	5.1	6.9	12.2	27.5	50.0	77.8	107.2	136.8	169.3	194.2
-35°	0.0	4.9	6.8	11.4	24.7	44.6	70.5	97.1	123.2	150.1	173.7
-37.5°	0.0	4.8	6.7	10.5	21.8	39.6	63.5	87.2	109.7	131.7	157.5
-40°	0.0	4.6	6.5	9.6	18.9	35.9	56.6	77.4	96.4	115.7	140.6
-42.5°	0.0	4.4	6.4	8.5	16.7	32.1	49.8	67.8	84.7	103.0	124.4
-45°	0.0	4.2	6.3	7.4	15.3	28.3	43.0	59.1	74.0	90.9	109.0
-47.5°	0.0	4.1	6.3	6.3	13.8	24.5	36.4	51.4	63.8	79.1	96.0
-50°	0.0	3.9	6.2	6.0	12.3	20.7	31.7	44.0	55.3	69.6	83.4
-52.5°	0.0	3.7	6.1	6.0	10.7	17.0	27.4	36.8	47.8	60.3	71.5
-55°	0.0	3.4	6.1	6.0	9.1	14.8	23.2	30.1	40.8	51.0	61.6
-57.5°	0.0	3.2	6.0	6.0	7.5	12.9	19.1	25.7	33.9	43.1	51.9
-60°	0.0	3.0	6.0	6.0	6.0	10.9	15.2	21.6	27.4	35.6	42.9
-62.5°	0.0	2.8	5.5	6.0	6.0	9.0	13.0	17.5	22.9	28.2	35.0
-65°	0.0	2.5	5.1	6.0	6.0	7.0	10.8	13.9	18.4	22.8	27.3
-67.5°	0.0	2.3	4.6	6.0	6.0	6.0	8.5	11.5	13.9	18.0	21.4
-70°	0.0	2.1	4.1	6.0	6.0	6.0	6.3	9.1	11.3	13.1	16.3
-72.5°	0.0	1.8	3.6	5.4	6.0	6.0	6.0	6.6	8.8	10.5	11.7
-75°	0.0	1.6	3.1	4.6	6.0	6.0	6.0	6.0	6.2	7.9	9.1
-77.5°	0.0	1.3	2.6	3.9	5.2	6.0	6.0	6.0	6.0	6.0	6.6
-80°	0.0	1.0	2.1	3.1	4.1	5.2	6.0	6.0	6.0	6.0	6.0
-82.5°	0.0	0.8	1.6	2.3	3.1	3.9	4.6	5.4	6.0	6.0	6.0
-85°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
-87.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.5
-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: P559217 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-935-U-TSB-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°	2.4	2.3	2.0	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4
85°	4.9	4.5	3.9	3.5	3.6	3.9	4.1	4.2	4.4	4.6	4.8
82.5°	5.6	5.3	5.1	5.2	5.5	5.8	6.1	6.7	7.2	7.7	8.2
80°	5.9	6.0	6.8	7.7	8.5	9.3	10.1	10.8	11.6	12.7	14.2
77.5°	7.7	8.9	10.0	11.0	12.3	14.6	16.6	18.2	20.3	22.7	25.2
75°	10.4	11.7	14.6	18.0	20.9	23.3	25.4	28.7	32.6	37.0	41.2
72.5°	14.3	17.9	21.8	26.0	31.0	35.3	39.3	43.2	49.6	56.7	61.9
70°	19.7	24.0	30.2	37.0	43.4	49.0	57.1	66.8	76.6	81.6	84.5
67.5°	25.3	32.5	40.0	48.1	57.0	66.3	77.5	88.0	98.0	102.1	105.8
65°	32.9	41.0	50.3	60.2	70.5	81.6	93.1	104.8	115.3	120.7	126.7
62.5°	40.6	50.3	60.9	72.1	83.4	95.5	109.5	121.3	130.2	141.0	153.6
60°	49.9	59.5	71.6	84.0	97.1	113.9	127.9	141.0	153.1	165.4	184.2
57.5°	59.7	69.0	82.4	97.1	115.0	134.2	150.2	164.3	181.0	198.4	217.5
55°	70.4	78.7	93.9	112.0	132.6	155.4	174.1	193.5	212.7	228.3	245.3
52.5°	82.6	90.2	106.1	126.9	150.9	176.5	201.3	221.6	239.4	256.5	275.8
50°	95.4	105.0	118.0	143.0	169.6	198.6	226.8	247.1	267.4	287.5	309.1
47.5°	110.2	121.0	131.9	158.9	189.1	218.8	247.9	273.9	296.4	323.2	348.0
45°	126.4	139.1	150.8	175.8	206.9	237.1	269.5	300.7	332.3	364.0	403.6
42.5°	143.5	157.5	172.3	191.7	222.7	256.2	290.9	332.5	372.6	416.6	468.1
40°	160.2	175.6	193.4	210.9	238.4	275.7	318.0	364.7	421.1	478.2	540.5
37.5°	176.5	194.2	213.3	231.5	255.8	297.7	344.4	404.0	472.1	544.2	623.5
35°	192.5	212.1	231.6	253.0	280.3	320.9	378.6	446.1	527.8	618.9	691.5
32.5°	208.1	229.1	248.9	274.8	308.4	350.1	411.5	496.5	590.7	683.1	731.7
30°	227.6	244.5	266.2	295.4	335.9	389.0	455.6	547.3	654.4	717.5	762.6
27.5°	253.7	259.8	284.3	318.4	364.1	427.3	510.1	605.3	694.0	749.3	789.7
25°	279.4	285.8	301.2	341.5	398.1	472.6	565.5	674.1	726.8	773.5	820.3
22.5°	304.0	310.6	330.1	363.5	430.9	518.7	626.7	721.8	771.9	801.7	852.5
20°	327.1	337.4	361.2	399.9	464.6	562.3	686.0	765.9	813.6	849.4	896.2
17.5°	349.4	363.5	392.8	439.8	511.9	611.3	740.0	809.9	856.5	891.0	949.0
15°	370.9	389.0	423.2	477.1	556.0	663.7	776.0	846.0	896.1	930.1	997.8
12.5°	391.8	413.8	452.1	511.8	595.8	709.5	806.6	869.3	919.3	971.3	1041.2
10°	412.0	437.8	479.8	543.9	631.4	749.0	832.1	888.0	938.0	1004.1	1077.0
7.5°	415.0	449.9	502.4	573.5	662.9	782.4	853.1	902.6	956.8	1034.2	1109.5
5°	415.1	449.0	504.2	581.2	677.9	802.1	867.8	913.7	975.0	1061.0	1138.5
2.5°	414.8	446.9	504.6	583.7	681.7	804.1	870.0	916.6	985.5	1087.3	1165.1
0°	414.1	443.9	503.5	583.9	682.2	801.4	869.9	917.6	992.1	1111.2	1188.7
-2.5°	414.8	446.9	504.6	583.7	681.7	804.1	870.0	916.6	985.5	1087.3	1165.1
-5°	415.1	449.0	504.2	581.2	677.9	802.1	867.8	913.7	975.0	1061.0	1138.5
-7.5°	415.0	449.9	502.4	573.5	662.9	782.4	853.1	902.6	956.8	1034.2	1109.5
-10°	412.0	437.8	479.8	543.9	631.4	749.0	832.1	888.0	938.0	1004.1	1077.0
-12.5°	391.8	413.8	452.1	511.8	595.8	709.5	806.6	869.3	919.3	971.3	1041.2
-15°	370.9	389.0	423.2	477.1	556.0	663.7	776.0	846.0	896.1	930.1	997.8
-17.5°	349.4	363.5	392.8	439.8	511.9	611.3	740.0	809.9	856.5	891.0	949.0
-20°	327.1	337.4	361.2	399.9	464.6	562.3	686.0	765.9	813.6	849.4	896.2



REPORT NUMBER: P559217 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	304.0	310.6	330.1	363.5	430.9	518.7	626.7	721.8	771.9	801.7	852.5
-25°	279.4	285.8	301.2	341.5	398.1	472.6	565.5	674.1	726.8	773.5	820.3
-27.5°	253.7	259.8	284.3	318.4	364.1	427.3	510.1	605.3	694.0	749.3	789.7
-30°	227.6	244.5	266.2	295.4	335.9	389.0	455.6	547.3	654.4	717.5	762.6
-32.5°	208.1	229.1	248.9	274.8	308.4	350.1	411.5	496.5	590.7	683.1	731.7
-35°	192.5	212.1	231.6	253.0	280.3	320.9	378.6	446.1	527.8	618.9	691.5
-37.5°	176.5	194.2	213.3	231.5	255.8	297.7	344.4	404.0	472.1	544.2	623.5
-40°	160.2	175.6	193.4	210.9	238.4	275.7	318.0	364.7	421.1	478.2	540.5
-42.5°	143.5	157.5	172.3	191.7	222.7	256.2	290.9	332.5	372.6	416.6	468.1
-45°	126.4	139.1	150.8	175.8	206.9	237.1	269.5	300.7	332.3	364.0	403.6
-47.5°	110.2	121.0	131.9	158.9	189.1	218.8	247.9	273.9	296.4	323.2	348.0
-50°	95.4	105.0	118.0	143.0	169.6	198.6	226.8	247.1	267.4	287.5	309.1
-52.5°	82.6	90.2	106.1	126.9	150.9	176.5	201.3	221.6	239.4	256.5	275.8
-55°	70.4	78.7	93.9	112.0	132.6	155.4	174.1	193.5	212.7	228.3	245.3
-57.5°	59.7	69.0	82.4	97.1	115.0	134.2	150.2	164.3	181.0	198.4	217.5
-60°	49.9	59.5	71.6	84.0	97.1	113.9	127.9	141.0	153.1	165.4	184.2
-62.5°	40.6	50.3	60.9	72.1	83.4	95.5	109.5	121.3	130.2	141.0	153.6
-65°	32.9	41.0	50.3	60.2	70.5	81.6	93.1	104.8	115.3	120.7	126.7
-67.5°	25.3	32.5	40.0	48.1	57.0	66.3	77.5	88.0	98.0	102.1	105.8
-70°	19.7	24.0	30.2	37.0	43.4	49.0	57.1	66.8	76.6	81.6	84.5
-72.5°	14.3	17.9	21.8	26.0	31.0	35.3	39.3	43.2	49.6	56.7	61.9
-75°	10.4	11.7	14.6	18.0	20.9	23.3	25.4	28.7	32.6	37.0	41.2
-77.5°	7.7	8.9	10.0	11.0	12.3	14.6	16.6	18.2	20.3	22.7	25.2
-80°	5.9	6.0	6.8	7.7	8.5	9.3	10.1	10.8	11.6	12.7	14.2
-82.5°	5.6	5.3	5.1	5.2	5.5	5.8	6.1	6.7	7.2	7.7	8.2
-85°	4.9	4.5	3.9	3.5	3.6	3.9	4.1	4.2	4.4	4.6	4.8
-87.5°	2.4	2.3	2.0	1.7	1.8	1.9	2.0	2.1	2.2	2.3	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: P559217 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-935-U-TSB-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°	2.5	2.5	2.6	2.7	2.7	2.8	2.8	2.9	2.9	2.9	3.0
85°	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.9
82.5°	8.7	9.1	9.5	9.9	10.2	10.5	10.8	11.1	11.3	11.5	11.6
80°	15.9	17.2	18.1	18.8	19.4	21.5	24.1	26.9	29.8	30.8	31.5
77.5°	28.4	30.5	31.8	32.8	33.4	38.1	44.1	50.4	56.8	60.2	62.9
75°	45.2	47.8	49.3	50.4	51.2	58.3	68.9	80.0	91.4	97.4	101.7
72.5°	65.4	67.5	69.1	70.5	71.4	81.9	101.0	121.7	143.8	157.3	167.1
70°	87.1	89.5	91.4	93.0	94.2	106.9	134.5	163.5	193.4	223.4	255.3
67.5°	110.2	115.1	117.7	119.2	120.8	131.5	161.0	188.2	213.4	267.6	352.9
65°	135.3	146.8	151.6	154.3	155.3	160.2	185.5	208.2	228.7	270.8	335.9
62.5°	167.4	182.5	189.5	192.6	194.4	194.7	215.3	234.4	251.8	278.2	319.5
60°	201.9	218.2	226.8	229.2	230.7	231.3	247.7	266.6	284.0	305.5	344.1
57.5°	233.5	248.8	261.5	266.5	270.5	273.3	287.8	309.9	330.6	352.1	393.5
55°	263.6	282.2	299.9	309.6	318.7	326.8	341.0	369.0	395.6	420.7	463.8
52.5°	296.5	320.3	343.9	361.5	378.8	393.9	409.3	445.5	481.0	514.6	556.5
50°	335.8	365.2	399.5	428.4	453.2	477.6	499.6	542.4	590.6	636.3	680.3
47.5°	385.6	424.3	468.2	509.4	543.0	580.9	615.2	659.3	701.9	744.4	780.9
45°	446.7	500.4	550.9	605.6	653.6	678.7	698.6	726.1	769.8	811.6	845.6
42.5°	524.9	587.3	649.6	690.2	721.1	741.4	755.9	770.4	816.3	856.6	889.5
40°	611.8	674.6	712.9	746.2	767.6	785.8	808.5	830.9	866.9	908.2	944.9
37.5°	687.2	727.5	761.2	787.3	813.2	837.3	870.0	902.2	936.5	982.9	1016.9
35°	733.7	769.0	803.2	836.1	869.2	906.2	947.1	994.5	1036.5	998.3	943.1
32.5°	769.0	805.3	846.8	897.4	943.0	993.6	1044.8	962.5	878.0	845.1	851.9
30°	799.8	842.0	899.1	965.2	1028.6	1005.9	893.4	854.0	865.7	888.8	933.3
27.5°	832.9	885.5	954.8	1036.2	986.2	861.7	868.2	891.1	968.2	1033.7	1133.0
25°	872.0	935.4	1021.5	983.9	869.7	881.5	939.3	1026.4	1173.4	1310.4	1430.2
22.5°	919.0	999.8	1011.2	869.8	885.4	960.9	1078.0	1266.7	1445.3	1610.9	1734.5
20°	966.9	1060.1	916.8	886.9	953.2	1088.0	1305.6	1522.2	1721.5	1869.6	1993.4
17.5°	1024.2	991.3	889.8	921.7	1055.8	1288.6	1533.5	1763.1	1951.0	2207.1	2425.2
15°	1074.4	925.0	906.1	1011.0	1212.8	1474.8	1740.9	1947.1	2286.7	2653.7	3024.9
12.5°	1045.6	901.5	935.3	1090.7	1355.9	1639.0	1874.3	2200.8	2650.0	3186.2	3991.8
10°	1002.9	914.7	997.5	1200.8	1478.4	1754.2	1998.6	2426.5	3019.4	4004.2	5272.8
7.5°	970.0	920.4	1038.5	1285.3	1569.4	1823.7	2149.5	2668.5	3494.9	4845.9	7546.9
5°	945.0	920.2	1057.3	1334.2	1623.5	1871.7	2242.6	2844.4	3960.8	5885.6	10501.3
2.5°	934.0	915.4	1062.5	1360.6	1649.8	1898.6	2300.5	2970.8	4254.9	6851.5	13808.6
0°	941.4	905.7	1060.6	1370.4	1665.4	1894.8	2308.9	3009.0	4343.7	7208.2	14252.5
-2.5°	934.0	915.4	1062.5	1360.6	1649.8	1898.6	2300.5	2970.8	4254.9	6851.5	13808.6
-5°	945.0	920.2	1057.3	1334.2	1623.5	1871.7	2242.6	2844.4	3960.8	5885.6	10501.3
-7.5°	970.0	920.4	1038.5	1285.3	1569.4	1823.7	2149.5	2668.5	3494.9	4845.9	7546.9
-10°	1002.9	914.7	997.5	1200.8	1478.4	1754.2	1998.6	2426.5	3019.4	4004.2	5272.8
-12.5°	1045.6	901.5	935.3	1090.7	1355.9	1639.0	1874.3	2200.8	2650.0	3186.2	3991.8
-15°	1074.4	925.0	906.1	1011.0	1212.8	1474.8	1740.9	1947.1	2286.7	2653.7	3024.9
-17.5°	1024.2	991.3	889.8	921.7	1055.8	1288.6	1533.5	1763.1	1951.0	2207.1	2425.2
-20°	966.9	1060.1	916.8	886.9	953.2	1088.0	1305.6	1522.2	1721.5	1869.6	1993.4



REPORT NUMBER: P559217 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	919.0	999.8	1011.2	869.8	885.4	960.9	1078.0	1266.7	1445.3	1610.9	1734.5
-25°	872.0	935.4	1021.5	983.9	869.7	881.5	939.3	1026.4	1173.4	1310.4	1430.2
-27.5°	832.9	885.5	954.8	1036.2	986.2	861.7	868.2	891.1	968.2	1033.7	1133.0
-30°	799.8	842.0	899.1	965.2	1028.6	1005.9	893.4	854.0	865.7	888.8	933.3
-32.5°	769.0	805.3	846.8	897.4	943.0	993.6	1044.8	962.5	878.0	845.1	851.9
-35°	733.7	769.0	803.2	836.1	869.2	906.2	947.1	994.5	1036.5	998.3	943.1
-37.5°	687.2	727.5	761.2	787.3	813.2	837.3	870.0	902.2	936.5	982.9	1016.9
-40°	611.8	674.6	712.9	746.2	767.6	785.8	808.5	830.9	866.9	908.2	944.9
-42.5°	524.9	587.3	649.6	690.2	721.1	741.4	755.9	770.4	816.3	856.6	889.5
-45°	446.7	500.4	550.9	605.6	653.6	678.7	698.6	726.1	769.8	811.6	845.6
-47.5°	385.6	424.3	468.2	509.4	543.0	580.9	615.2	659.3	701.9	744.4	780.9
-50°	335.8	365.2	399.5	428.4	453.2	477.6	499.6	542.4	590.6	636.3	680.3
-52.5°	296.5	320.3	343.9	361.5	378.8	393.9	409.3	445.5	481.0	514.6	556.5
-55°	263.6	282.2	299.9	309.6	318.7	326.8	341.0	369.0	395.6	420.7	463.8
-57.5°	233.5	248.8	261.5	266.5	270.5	273.3	287.8	309.9	330.6	352.1	393.5
-60°	201.9	218.2	226.8	229.2	230.7	231.3	247.7	266.6	284.0	305.5	344.1
-62.5°	167.4	182.5	189.5	192.6	194.4	194.7	215.3	234.4	251.8	278.2	319.5
-65°	135.3	146.8	151.6	154.3	155.3	160.2	185.5	208.2	228.7	270.8	335.9
-67.5°	110.2	115.1	117.7	119.2	120.8	131.5	161.0	188.2	213.4	267.6	352.9
-70°	87.1	89.5	91.4	93.0	94.2	106.9	134.5	163.5	193.4	223.4	255.3
-72.5°	65.4	67.5	69.1	70.5	71.4	81.9	101.0	121.7	143.8	157.3	167.1
-75°	45.2	47.8	49.3	50.4	51.2	58.3	68.9	80.0	91.4	97.4	101.7
-77.5°	28.4	30.5	31.8	32.8	33.4	38.1	44.1	50.4	56.8	60.2	62.9
-80°	15.9	17.2	18.1	18.8	19.4	21.5	24.1	26.9	29.8	30.8	31.5
-82.5°	8.7	9.1	9.5	9.9	10.2	10.5	10.8	11.1	11.3	11.5	11.6
-85°	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.9
-87.5°	2.5	2.5	2.6	2.7	2.7	2.8	2.8	2.9	2.9	2.9	3.0
-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: P559217 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-935-U-TSB-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°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9
85°	5.9	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.8	5.7
82.5°	11.7	11.8	11.9	11.9	11.9	11.8	11.7	11.6	11.5	11.3	11.1
80°	32.1	32.5	31.2	29.8	31.2	32.5	32.1	31.5	30.8	29.8	26.9
77.5°	65.4	67.7	65.5	62.6	65.5	67.7	65.4	62.9	60.2	56.8	50.4
75°	105.6	109.1	107.1	104.3	107.1	109.1	105.6	101.7	97.4	91.4	80.0
72.5°	176.4	185.0	182.9	178.8	182.9	185.0	176.4	167.1	157.3	143.8	121.7
70°	288.7	322.6	321.2	312.8	321.2	322.6	288.7	255.3	223.4	193.4	163.5
67.5°	445.2	541.2	571.7	586.9	571.7	541.2	445.2	352.9	267.6	213.4	188.2
65°	396.5	454.5	477.5	494.5	477.5	454.5	396.5	335.9	270.8	228.7	208.2
62.5°	356.6	391.0	398.4	399.2	398.4	391.0	356.6	319.5	278.2	251.8	234.4
60°	381.6	418.2	423.6	417.1	423.6	418.2	381.6	344.1	305.5	284.0	266.6
57.5°	433.4	471.7	478.8	470.7	478.8	471.7	433.4	393.5	352.1	330.6	309.9
55°	505.1	543.7	556.6	554.1	556.6	543.7	505.1	463.8	420.7	395.6	369.0
52.5°	596.5	632.2	646.9	646.5	646.9	632.2	596.5	556.5	514.6	481.0	445.5
50°	718.7	750.6	766.4	768.6	766.4	750.6	718.7	680.3	636.3	590.6	542.4
47.5°	806.8	827.7	838.7	840.1	838.7	827.7	806.8	780.9	744.4	701.9	659.3
45°	860.8	872.1	880.6	887.8	880.6	872.1	860.8	845.6	811.6	769.8	726.1
42.5°	911.5	935.0	952.3	956.3	952.3	935.0	911.5	889.5	856.6	816.3	770.4
40°	979.6	1012.0	1043.0	1075.5	1043.0	1012.0	979.6	944.9	908.2	866.9	830.9
37.5°	1052.3	1088.3	1118.2	1135.1	1118.2	1088.3	1052.3	1016.9	982.9	936.5	902.2
35°	904.3	880.6	866.5	861.0	866.5	880.6	904.3	943.1	998.3	1036.5	994.5
32.5°	855.8	857.5	854.7	849.1	854.7	857.5	855.8	851.9	845.1	878.0	962.5
30°	966.4	982.1	984.0	983.1	984.0	982.1	966.4	933.3	888.8	865.7	854.0
27.5°	1206.5	1246.7	1259.2	1284.0	1259.2	1246.7	1206.5	1133.0	1033.7	968.2	891.1
25°	1523.0	1583.8	1612.9	1623.7	1612.9	1583.8	1523.0	1430.2	1310.4	1173.4	1026.4
22.5°	1804.4	1850.7	1877.8	1900.7	1877.8	1850.7	1804.4	1734.5	1610.9	1445.3	1266.7
20°	2137.8	2222.5	2261.2	2264.2	2261.2	2222.5	2137.8	1993.4	1869.6	1721.5	1522.2
17.5°	2658.3	2823.1	2905.4	2928.6	2905.4	2823.1	2658.3	2425.2	2207.1	1951.0	1763.1
15°	3479.5	3900.0	4116.3	4218.5	4116.3	3900.0	3479.5	3024.9	2653.7	2286.7	1947.1
12.5°	4819.1	5767.2	6533.8	6822.4	6533.8	5767.2	4819.1	3991.8	3186.2	2650.0	2200.8
10°	7473.3	10304.6	13612.1	15155.2	13612.1	10304.6	7473.3	5272.8	4004.2	3019.4	2426.5
7.5°	14457.8	33568.4	65061.1	80083.8	65061.1	33568.4	14457.8	7546.9	4845.9	3494.9	2668.5
5°	30817.2	132997.3	238181.5	279764.5	238181.5	132997.3	30817.2	10501.3	5885.6	3960.8	2844.4
2.5°	49085.1	218132.9	411581.7	481259.6	411581.7	218132.9	49085.1	13808.6	6851.5	4254.9	2970.8
0°	58647.0	229871.9	454171.2	523695.2	454171.2	229871.9	58647.0	14252.5	7208.2	4343.7	3009.0
-2.5°	49085.1	218132.9	411581.7	481259.5	411581.7	218132.9	49085.1	13808.6	6851.5	4254.9	2970.8
-5°	30817.2	132997.3	238181.5	279764.5	238181.5	132997.3	30817.2	10501.3	5885.6	3960.8	2844.4
-7.5°	14457.8	33568.4	65061.1	80083.8	65061.1	33568.4	14457.8	7546.9	4845.9	3494.9	2668.5
-10°	7473.3	10304.6	13612.1	15155.2	13612.1	10304.6	7473.3	5272.8	4004.2	3019.4	2426.5
-12.5°	4819.1	5767.2	6533.8	6822.4	6533.8	5767.2	4819.1	3991.8	3186.2	2650.0	2200.8
-15°	3479.5	3900.0	4116.3	4218.5	4116.3	3900.0	3479.5	3024.9	2653.7	2286.7	1947.1
-17.5°	2658.3	2823.1	2905.4	2928.6	2905.4	2823.1	2658.3	2425.2	2207.1	1951.0	1763.1
-20°	2137.8	2222.5	2261.2	2264.2	2261.2	2222.5	2137.8	1993.4	1869.6	1721.5	1522.2



REPORT NUMBER: P559217 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1804.4	1850.7	1877.8	1900.7	1877.8	1850.7	1804.4	1734.5	1610.9	1445.3	1266.7
-25°	1523.0	1583.8	1612.9	1623.7	1612.9	1583.8	1523.0	1430.2	1310.4	1173.4	1026.4
-27.5°	1206.5	1246.7	1259.2	1284.0	1259.2	1246.7	1206.5	1133.0	1033.7	968.2	891.1
-30°	966.4	982.1	984.0	983.1	984.0	982.1	966.4	933.3	888.8	865.7	854.0
-32.5°	855.8	857.5	854.7	849.1	854.7	857.5	855.8	851.9	845.1	878.0	962.5
-35°	904.3	880.6	866.5	861.0	866.5	880.6	904.3	943.1	998.3	1036.5	994.5
-37.5°	1052.3	1088.3	1118.2	1135.1	1118.2	1088.3	1052.3	1016.9	982.9	936.5	902.2
-40°	979.6	1012.0	1043.0	1075.5	1043.0	1012.0	979.6	944.9	908.2	866.9	830.9
-42.5°	911.5	935.0	952.3	956.3	952.3	935.0	911.5	889.5	856.6	816.3	770.4
-45°	860.8	872.1	880.6	887.8	880.6	872.1	860.8	845.6	811.6	769.8	726.1
-47.5°	806.8	827.7	838.7	840.1	838.7	827.7	806.8	780.9	744.4	701.9	659.3
-50°	718.7	750.6	766.4	768.6	766.4	750.6	718.7	680.3	636.3	590.6	542.4
-52.5°	596.5	632.2	646.9	646.5	646.9	632.2	596.5	556.5	514.6	481.0	445.5
-55°	505.1	543.7	556.6	554.1	556.6	543.7	505.1	463.8	420.7	395.6	369.0
-57.5°	433.4	471.7	478.8	470.7	478.8	471.7	433.4	393.5	352.1	330.6	309.9
-60°	381.6	418.2	423.6	417.1	423.6	418.2	381.6	344.1	305.5	284.0	266.6
-62.5°	356.6	391.0	398.4	399.2	398.4	391.0	356.6	319.5	278.2	251.8	234.4
-65°	396.5	454.5	477.5	494.5	477.5	454.5	396.5	335.9	270.8	228.7	208.2
-67.5°	445.2	541.2	571.7	586.9	571.7	541.2	445.2	352.9	267.6	213.4	188.2
-70°	288.7	322.6	321.2	312.8	321.2	322.6	288.7	255.3	223.4	193.4	163.5
-72.5°	176.4	185.0	182.9	178.8	182.9	185.0	176.4	167.1	157.3	143.8	121.7
-75°	105.6	109.1	107.1	104.3	107.1	109.1	105.6	101.7	97.4	91.4	80.0
-77.5°	65.4	67.7	65.5	62.6	65.5	67.7	65.4	62.9	60.2	56.8	50.4
-80°	32.1	32.5	31.2	29.8	31.2	32.5	32.1	31.5	30.8	29.8	26.9
-82.5°	11.7	11.8	11.9	11.9	11.9	11.8	11.7	11.6	11.5	11.3	11.1
-85°	5.9	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.8	5.7
-87.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9
-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: P559217 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-935-U-TSB-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°	2.8	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.3	2.2	2.1
85°	5.6	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.6	4.4	4.2
82.5°	10.8	10.5	10.2	9.9	9.5	9.1	8.7	8.2	7.7	7.2	6.7
80°	24.1	21.5	19.4	18.8	18.1	17.2	15.9	14.2	12.7	11.6	10.8
77.5°	44.1	38.1	33.4	32.8	31.8	30.5	28.4	25.2	22.7	20.3	18.2
75°	68.9	58.3	51.2	50.4	49.3	47.8	45.2	41.2	37.0	32.6	28.7
72.5°	101.0	81.9	71.4	70.5	69.1	67.5	65.4	61.9	56.7	49.6	43.2
70°	134.5	106.9	94.2	93.0	91.4	89.5	87.1	84.5	81.6	76.6	66.8
67.5°	161.0	131.5	120.8	119.2	117.7	115.1	110.2	105.8	102.1	98.0	88.0
65°	185.5	160.2	155.3	154.3	151.6	146.8	135.3	126.7	120.7	115.3	104.8
62.5°	215.3	194.7	194.4	192.6	189.5	182.5	167.4	153.6	141.0	130.2	121.3
60°	247.7	231.3	230.7	229.2	226.8	218.2	201.9	184.2	165.4	153.1	141.0
57.5°	287.8	273.3	270.5	266.5	261.5	248.8	233.5	217.5	198.4	181.0	164.3
55°	341.0	326.8	318.7	309.6	299.9	282.2	263.6	245.3	228.3	212.7	193.5
52.5°	409.3	393.9	378.8	361.5	343.9	320.3	296.5	275.8	256.5	239.4	221.6
50°	499.6	477.6	453.2	428.4	399.5	365.2	335.8	309.1	287.5	267.4	247.1
47.5°	615.2	580.9	543.0	509.4	468.2	424.3	385.6	348.0	323.2	296.4	273.9
45°	698.6	678.7	653.6	605.6	550.9	500.4	446.7	403.6	364.0	332.3	300.7
42.5°	755.9	741.4	721.1	690.2	649.6	587.3	524.9	468.1	416.6	372.6	332.5
40°	808.5	785.8	767.6	746.2	712.9	674.6	611.8	540.5	478.2	421.1	364.7
37.5°	870.0	837.3	813.2	787.3	761.2	727.5	687.2	623.5	544.2	472.1	404.0
35°	947.1	906.2	869.2	836.1	803.2	769.0	733.7	691.5	618.9	527.8	446.1
32.5°	1044.8	993.6	943.0	897.4	846.8	805.3	769.0	731.7	683.1	590.7	496.5
30°	893.4	1005.9	1028.6	965.2	899.1	842.0	799.8	762.6	717.5	654.4	547.3
27.5°	868.2	861.7	986.2	1036.2	954.8	885.5	832.9	789.7	749.3	694.0	605.3
25°	939.3	881.5	869.7	983.9	1021.5	935.4	872.0	820.3	773.5	726.8	674.1
22.5°	1078.0	960.9	885.4	869.8	1011.2	999.8	919.0	852.5	801.7	771.9	721.8
20°	1305.6	1088.0	953.2	886.9	916.8	1060.1	966.9	896.2	849.4	813.6	765.9
17.5°	1533.5	1288.6	1055.8	921.7	889.8	991.3	1024.2	949.0	891.0	856.5	809.9
15°	1740.9	1474.8	1212.8	1011.0	906.1	925.0	1074.4	997.8	930.1	896.1	846.0
12.5°	1874.3	1639.0	1355.9	1090.7	935.3	901.5	1045.6	1041.2	971.3	919.3	869.3
10°	1998.6	1754.2	1478.4	1200.8	997.5	914.7	1002.9	1077.0	1004.1	938.0	888.0
7.5°	2149.5	1823.7	1569.4	1285.3	1038.5	920.4	970.0	1109.5	1034.2	956.8	902.6
5°	2242.6	1871.7	1623.5	1334.2	1057.3	920.2	945.0	1138.5	1061.0	975.0	913.7
2.5°	2300.5	1898.6	1649.8	1360.6	1062.5	915.4	934.0	1165.1	1087.3	985.5	916.6
0°	2308.9	1894.8	1665.4	1370.4	1060.6	905.7	941.4	1188.7	1111.2	992.1	917.6
-2.5°	2300.5	1898.6	1649.8	1360.6	1062.5	915.4	934.0	1165.1	1087.3	985.5	916.6
-5°	2242.6	1871.7	1623.5	1334.2	1057.3	920.2	945.0	1138.5	1061.0	975.0	913.7
-7.5°	2149.5	1823.7	1569.4	1285.3	1038.5	920.4	970.0	1109.5	1034.2	956.8	902.6
-10°	1998.6	1754.2	1478.4	1200.8	997.5	914.7	1002.9	1077.0	1004.1	938.0	888.0
-12.5°	1874.3	1639.0	1355.9	1090.7	935.3	901.5	1045.6	1041.2	971.3	919.3	869.3
-15°	1740.9	1474.8	1212.8	1011.0	906.1	925.0	1074.4	997.8	930.1	896.1	846.0
-17.5°	1533.5	1288.6	1055.8	921.7	889.8	991.3	1024.2	949.0	891.0	856.5	809.9
-20°	1305.6	1088.0	953.2	886.9	916.8	1060.1	966.9	896.2	849.4	813.6	765.9



REPORT NUMBER: P559217 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1078.0	960.9	885.4	869.8	1011.2	999.8	919.0	852.5	801.7	771.9	721.8
-25°	939.3	881.5	869.7	983.9	1021.5	935.4	872.0	820.3	773.5	726.8	674.1
-27.5°	868.2	861.7	986.2	1036.2	954.8	885.5	832.9	789.7	749.3	694.0	605.3
-30°	893.4	1005.9	1028.6	965.2	899.1	842.0	799.8	762.6	717.5	654.4	547.3
-32.5°	1044.8	993.6	943.0	897.4	846.8	805.3	769.0	731.7	683.1	590.7	496.5
-35°	947.1	906.2	869.2	836.1	803.2	769.0	733.7	691.5	618.9	527.8	446.1
-37.5°	870.0	837.3	813.2	787.3	761.2	727.5	687.2	623.5	544.2	472.1	404.0
-40°	808.5	785.8	767.6	746.2	712.9	674.6	611.8	540.5	478.2	421.1	364.7
-42.5°	755.9	741.4	721.1	690.2	649.6	587.3	524.9	468.1	416.6	372.6	332.5
-45°	698.6	678.7	653.6	605.6	550.9	500.4	446.7	403.6	364.0	332.3	300.7
-47.5°	615.2	580.9	543.0	509.4	468.2	424.3	385.6	348.0	323.2	296.4	273.9
-50°	499.6	477.6	453.2	428.4	399.5	365.2	335.8	309.1	287.5	267.4	247.1
-52.5°	409.3	393.9	378.8	361.5	343.9	320.3	296.5	275.8	256.5	239.4	221.6
-55°	341.0	326.8	318.7	309.6	299.9	282.2	263.6	245.3	228.3	212.7	193.5
-57.5°	287.8	273.3	270.5	266.5	261.5	248.8	233.5	217.5	198.4	181.0	164.3
-60°	247.7	231.3	230.7	229.2	226.8	218.2	201.9	184.2	165.4	153.1	141.0
-62.5°	215.3	194.7	194.4	192.6	189.5	182.5	167.4	153.6	141.0	130.2	121.3
-65°	185.5	160.2	155.3	154.3	151.6	146.8	135.3	126.7	120.7	115.3	104.8
-67.5°	161.0	131.5	120.8	119.2	117.7	115.1	110.2	105.8	102.1	98.0	88.0
-70°	134.5	106.9	94.2	93.0	91.4	89.5	87.1	84.5	81.6	76.6	66.8
-72.5°	101.0	81.9	71.4	70.5	69.1	67.5	65.4	61.9	56.7	49.6	43.2
-75°	68.9	58.3	51.2	50.4	49.3	47.8	45.2	41.2	37.0	32.6	28.7
-77.5°	44.1	38.1	33.4	32.8	31.8	30.5	28.4	25.2	22.7	20.3	18.2
-80°	24.1	21.5	19.4	18.8	18.1	17.2	15.9	14.2	12.7	11.6	10.8
-82.5°	10.8	10.5	10.2	9.9	9.5	9.1	8.7	8.2	7.7	7.2	6.7
-85°	5.6	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.6	4.4	4.2
-87.5°	2.8	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.3	2.2	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: P559217 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-935-U-TSB-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°	2.0	1.9	1.8	1.7	2.0	2.3	2.4	2.5	2.3	2.1	1.8
85°	4.1	3.9	3.6	3.5	3.9	4.5	4.9	5.1	4.6	4.1	3.6
82.5°	6.1	5.8	5.5	5.2	5.1	5.3	5.6	6.0	6.0	6.0	5.4
80°	10.1	9.3	8.5	7.7	6.8	6.0	5.9	6.0	6.0	6.0	6.0
77.5°	16.6	14.6	12.3	11.0	10.0	8.9	7.7	6.6	6.0	6.0	6.0
75°	25.4	23.3	20.9	18.0	14.6	11.7	10.4	9.1	7.9	6.2	6.0
72.5°	39.3	35.3	31.0	26.0	21.8	17.9	14.3	11.7	10.5	8.8	6.6
70°	57.1	49.0	43.4	37.0	30.2	24.0	19.7	16.3	13.1	11.3	9.1
67.5°	77.5	66.3	57.0	48.1	40.0	32.5	25.3	21.4	18.0	13.9	11.5
65°	93.1	81.6	70.5	60.2	50.3	41.0	32.9	27.3	22.8	18.4	13.9
62.5°	109.5	95.5	83.4	72.1	60.9	50.3	40.6	35.0	28.2	22.9	17.5
60°	127.9	113.9	97.1	84.0	71.6	59.5	49.9	42.9	35.6	27.4	21.6
57.5°	150.2	134.2	115.0	97.1	82.4	69.0	59.7	51.9	43.1	33.9	25.7
55°	174.1	155.4	132.6	112.0	93.9	78.7	70.4	61.6	51.0	40.8	30.1
52.5°	201.3	176.5	150.9	126.9	106.1	90.2	82.6	71.5	60.3	47.8	36.8
50°	226.8	198.6	169.6	143.0	118.0	105.0	95.4	83.4	69.6	55.3	44.0
47.5°	247.9	218.8	189.1	158.9	131.9	121.0	110.2	96.0	79.1	63.8	51.4
45°	269.5	237.1	206.9	175.8	150.8	139.1	126.4	109.0	90.9	74.0	59.1
42.5°	290.9	256.2	222.7	191.7	172.3	157.5	143.5	124.4	103.0	84.7	67.8
40°	318.0	275.7	238.4	210.9	193.4	175.6	160.2	140.6	115.7	96.4	77.4
37.5°	344.4	297.7	255.8	231.5	213.3	194.2	176.5	157.5	131.7	109.7	87.2
35°	378.6	320.9	280.3	253.0	231.6	212.1	192.5	173.7	150.1	123.2	97.1
32.5°	411.5	350.1	308.4	274.8	248.9	229.1	208.1	194.2	169.3	136.8	107.2
30°	455.6	389.0	335.9	295.4	266.2	244.5	227.6	217.3	189.1	150.5	117.7
27.5°	510.1	427.3	364.1	318.4	284.3	259.8	253.7	242.7	209.5	165.3	128.9
25°	565.5	472.6	398.1	341.5	301.2	285.8	279.4	270.1	230.6	182.0	140.1
22.5°	626.7	518.7	430.9	363.5	330.1	310.6	304.0	293.4	253.0	198.8	151.0
20°	686.0	562.3	464.6	399.9	361.2	337.4	327.1	316.2	276.2	215.3	161.6
17.5°	740.0	611.3	511.9	439.8	392.8	363.5	349.4	338.7	300.1	231.7	172.0
15°	776.0	663.7	556.0	477.1	423.2	389.0	370.9	360.7	324.3	247.6	179.4
12.5°	806.6	709.5	595.8	511.8	452.1	413.8	391.8	382.3	348.4	258.0	183.2
10°	832.1	749.0	631.4	543.9	479.8	437.8	412.0	397.5	357.7	263.2	186.7
7.5°	853.1	782.4	662.9	573.5	502.4	449.9	415.0	400.2	363.3	267.1	189.5
5°	867.8	802.1	677.9	581.2	504.2	449.0	415.1	402.5	367.1	269.7	191.7
2.5°	870.0	804.1	681.7	583.7	504.6	446.9	414.8	404.2	369.1	271.0	193.1
0°	869.9	801.4	682.2	583.9	503.5	443.9	414.1	405.2	369.4	271.1	193.6
-2.5°	870.0	804.1	681.7	583.7	504.6	446.9	414.8	404.2	369.1	271.0	193.1
-5°	867.8	802.1	677.9	581.2	504.2	449.0	415.1	402.5	367.1	269.7	191.7
-7.5°	853.1	782.4	662.9	573.5	502.4	449.9	415.0	400.2	363.3	267.1	189.5
-10°	832.1	749.0	631.4	543.9	479.8	437.8	412.0	397.5	357.7	263.2	186.7
-12.5°	806.6	709.5	595.8	511.8	452.1	413.8	391.8	382.3	348.4	258.0	183.2
-15°	776.0	663.7	556.0	477.1	423.2	389.0	370.9	360.7	324.3	247.6	179.4
-17.5°	740.0	611.3	511.9	439.8	392.8	363.5	349.4	338.7	300.1	231.7	172.0
-20°	686.0	562.3	464.6	399.9	361.2	337.4	327.1	316.2	276.2	215.3	161.6



REPORT NUMBER: P559217 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	626.7	518.7	430.9	363.5	330.1	310.6	304.0	293.4	253.0	198.8	151.0
-25°	565.5	472.6	398.1	341.5	301.2	285.8	279.4	270.1	230.6	182.0	140.1
-27.5°	510.1	427.3	364.1	318.4	284.3	259.8	253.7	242.7	209.5	165.3	128.9
-30°	455.6	389.0	335.9	295.4	266.2	244.5	227.6	217.3	189.1	150.5	117.7
-32.5°	411.5	350.1	308.4	274.8	248.9	229.1	208.1	194.2	169.3	136.8	107.2
-35°	378.6	320.9	280.3	253.0	231.6	212.1	192.5	173.7	150.1	123.2	97.1
-37.5°	344.4	297.7	255.8	231.5	213.3	194.2	176.5	157.5	131.7	109.7	87.2
-40°	318.0	275.7	238.4	210.9	193.4	175.6	160.2	140.6	115.7	96.4	77.4
-42.5°	290.9	256.2	222.7	191.7	172.3	157.5	143.5	124.4	103.0	84.7	67.8
-45°	269.5	237.1	206.9	175.8	150.8	139.1	126.4	109.0	90.9	74.0	59.1
-47.5°	247.9	218.8	189.1	158.9	131.9	121.0	110.2	96.0	79.1	63.8	51.4
-50°	226.8	198.6	169.6	143.0	118.0	105.0	95.4	83.4	69.6	55.3	44.0
-52.5°	201.3	176.5	150.9	126.9	106.1	90.2	82.6	71.5	60.3	47.8	36.8
-55°	174.1	155.4	132.6	112.0	93.9	78.7	70.4	61.6	51.0	40.8	30.1
-57.5°	150.2	134.2	115.0	97.1	82.4	69.0	59.7	51.9	43.1	33.9	25.7
-60°	127.9	113.9	97.1	84.0	71.6	59.5	49.9	42.9	35.6	27.4	21.6
-62.5°	109.5	95.5	83.4	72.1	60.9	50.3	40.6	35.0	28.2	22.9	17.5
-65°	93.1	81.6	70.5	60.2	50.3	41.0	32.9	27.3	22.8	18.4	13.9
-67.5°	77.5	66.3	57.0	48.1	40.0	32.5	25.3	21.4	18.0	13.9	11.5
-70°	57.1	49.0	43.4	37.0	30.2	24.0	19.7	16.3	13.1	11.3	9.1
-72.5°	39.3	35.3	31.0	26.0	21.8	17.9	14.3	11.7	10.5	8.8	6.6
-75°	25.4	23.3	20.9	18.0	14.6	11.7	10.4	9.1	7.9	6.2	6.0
-77.5°	16.6	14.6	12.3	11.0	10.0	8.9	7.7	6.6	6.0	6.0	6.0
-80°	10.1	9.3	8.5	7.7	6.8	6.0	5.9	6.0	6.0	6.0	6.0
-82.5°	6.1	5.8	5.5	5.2	5.1	5.3	5.6	6.0	6.0	6.0	5.4
-85°	4.1	3.9	3.6	3.5	3.9	4.5	4.9	5.1	4.6	4.1	3.6
-87.5°	2.0	1.9	1.8	1.7	2.0	2.3	2.4	2.5	2.3	2.1	1.8
-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: P559217 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-935-U-TSB-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°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
85°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
82.5°	4.6	3.9	3.1	2.3	1.6	0.8	0.0
80°	6.0	5.2	4.1	3.1	2.1	1.0	0.0
77.5°	6.0	6.0	5.2	3.9	2.6	1.3	0.0
75°	6.0	6.0	6.0	4.6	3.1	1.6	0.0
72.5°	6.0	6.0	6.0	5.4	3.6	1.8	0.0
70°	6.3	6.0	6.0	6.0	4.1	2.1	0.0
67.5°	8.5	6.0	6.0	6.0	4.6	2.3	0.0
65°	10.8	7.0	6.0	6.0	5.1	2.5	0.0
62.5°	13.0	9.0	6.0	6.0	5.5	2.8	0.0
60°	15.2	10.9	6.0	6.0	6.0	3.0	0.0
57.5°	19.1	12.9	7.5	6.0	6.0	3.2	0.0
55°	23.2	14.8	9.1	6.0	6.1	3.4	0.0
52.5°	27.4	17.0	10.7	6.0	6.1	3.7	0.0
50°	31.7	20.7	12.3	6.0	6.2	3.9	0.0
47.5°	36.4	24.5	13.8	6.3	6.3	4.1	0.0
45°	43.0	28.3	15.3	7.4	6.3	4.2	0.0
42.5°	49.8	32.1	16.7	8.5	6.4	4.4	0.0
40°	56.6	35.9	18.9	9.6	6.5	4.6	0.0
37.5°	63.5	39.6	21.8	10.5	6.7	4.8	0.0
35°	70.5	44.6	24.7	11.4	6.8	4.9	0.0
32.5°	77.8	50.0	27.5	12.2	6.9	5.1	0.0
30°	85.9	55.4	30.2	12.9	7.1	5.2	0.0
27.5°	94.0	60.6	31.9	13.5	7.2	5.3	0.0
25°	101.9	65.7	33.3	14.1	7.4	5.4	0.0
22.5°	109.7	69.8	34.4	14.5	7.5	5.5	0.0
20°	117.2	71.2	35.2	14.8	7.7	5.6	0.0
17.5°	121.2	72.1	35.7	15.0	7.8	5.7	0.0
15°	122.6	72.5	35.9	15.2	8.0	5.8	0.0
12.5°	123.5	72.5	35.9	15.3	8.2	5.9	0.0
10°	123.8	71.9	35.7	15.3	8.3	5.9	0.0
7.5°	123.6	70.9	35.2	15.3	8.5	5.9	0.0
5°	122.7	69.5	34.6	15.2	8.6	6.0	0.0
2.5°	121.3	67.7	33.8	15.1	8.8	6.0	0.0
0°	119.2	65.5	32.8	14.9	8.9	6.0	0.0
-2.5°	121.3	67.7	33.8	15.1	8.8	6.0	0.0
-5°	122.7	69.5	34.6	15.2	8.6	6.0	0.0
-7.5°	123.6	70.9	35.2	15.3	8.5	5.9	0.0
-10°	123.8	71.9	35.7	15.3	8.3	5.9	0.0
-12.5°	123.5	72.5	35.9	15.3	8.2	5.9	0.0
-15°	122.6	72.5	35.9	15.2	8.0	5.8	0.0
-17.5°	121.2	72.1	35.7	15.0	7.8	5.7	0.0
-20°	117.2	71.2	35.2	14.8	7.7	5.6	0.0



REPORT NUMBER: P559217 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	109.7	69.8	34.4	14.5	7.5	5.5	0.0
-25°	101.9	65.7	33.3	14.1	7.4	5.4	0.0
-27.5°	94.0	60.6	31.9	13.5	7.2	5.3	0.0
-30°	85.9	55.4	30.2	12.9	7.1	5.2	0.0
-32.5°	77.8	50.0	27.5	12.2	6.9	5.1	0.0
-35°	70.5	44.6	24.7	11.4	6.8	4.9	0.0
-37.5°	63.5	39.6	21.8	10.5	6.7	4.8	0.0
-40°	56.6	35.9	18.9	9.6	6.5	4.6	0.0
-42.5°	49.8	32.1	16.7	8.5	6.4	4.4	0.0
-45°	43.0	28.3	15.3	7.4	6.3	4.2	0.0
-47.5°	36.4	24.5	13.8	6.3	6.3	4.1	0.0
-50°	31.7	20.7	12.3	6.0	6.2	3.9	0.0
-52.5°	27.4	17.0	10.7	6.0	6.1	3.7	0.0
-55°	23.2	14.8	9.1	6.0	6.1	3.4	0.0
-57.5°	19.1	12.9	7.5	6.0	6.0	3.2	0.0
-60°	15.2	10.9	6.0	6.0	6.0	3.0	0.0
-62.5°	13.0	9.0	6.0	6.0	5.5	2.8	0.0
-65°	10.8	7.0	6.0	6.0	5.1	2.5	0.0
-67.5°	8.5	6.0	6.0	6.0	4.6	2.3	0.0
-70°	6.3	6.0	6.0	6.0	4.1	2.1	0.0
-72.5°	6.0	6.0	6.0	5.4	3.6	1.8	0.0
-75°	6.0	6.0	6.0	4.6	3.1	1.6	0.0
-77.5°	6.0	6.0	5.2	3.9	2.6	1.3	0.0
-80°	6.0	5.2	4.1	3.1	2.1	1.0	0.0
-82.5°	4.6	3.9	3.1	2.3	1.6	0.8	0.0
-85°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
-87.5°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)