

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: P558574 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-935-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558574 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1D-935-U-NAT-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (16) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

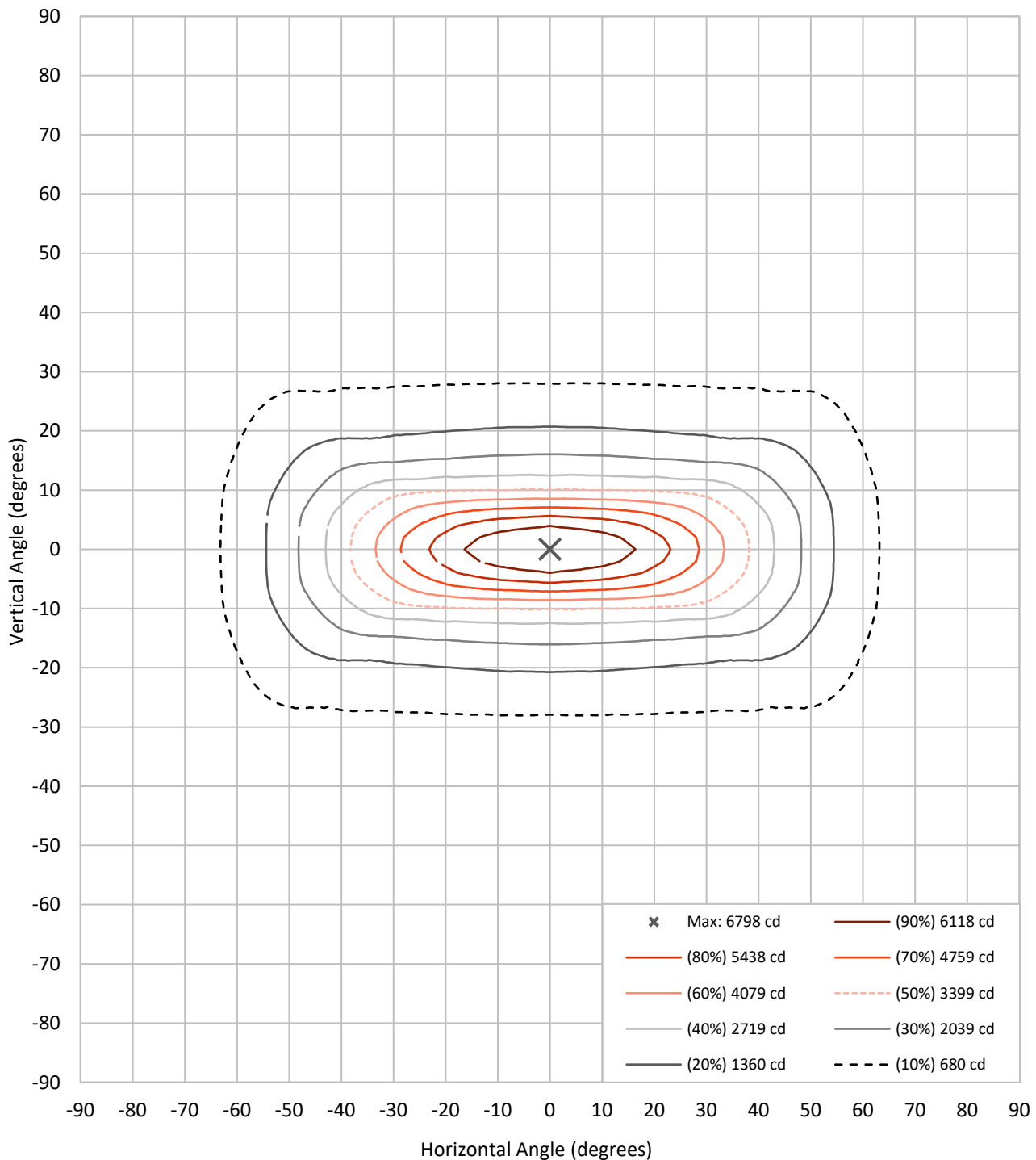
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	4868.6 lumens	Max Intensity:	6798 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	88.5 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	1947.9 lumens	Field Lumens:	3990.3 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%
Input Watts (W):	55		
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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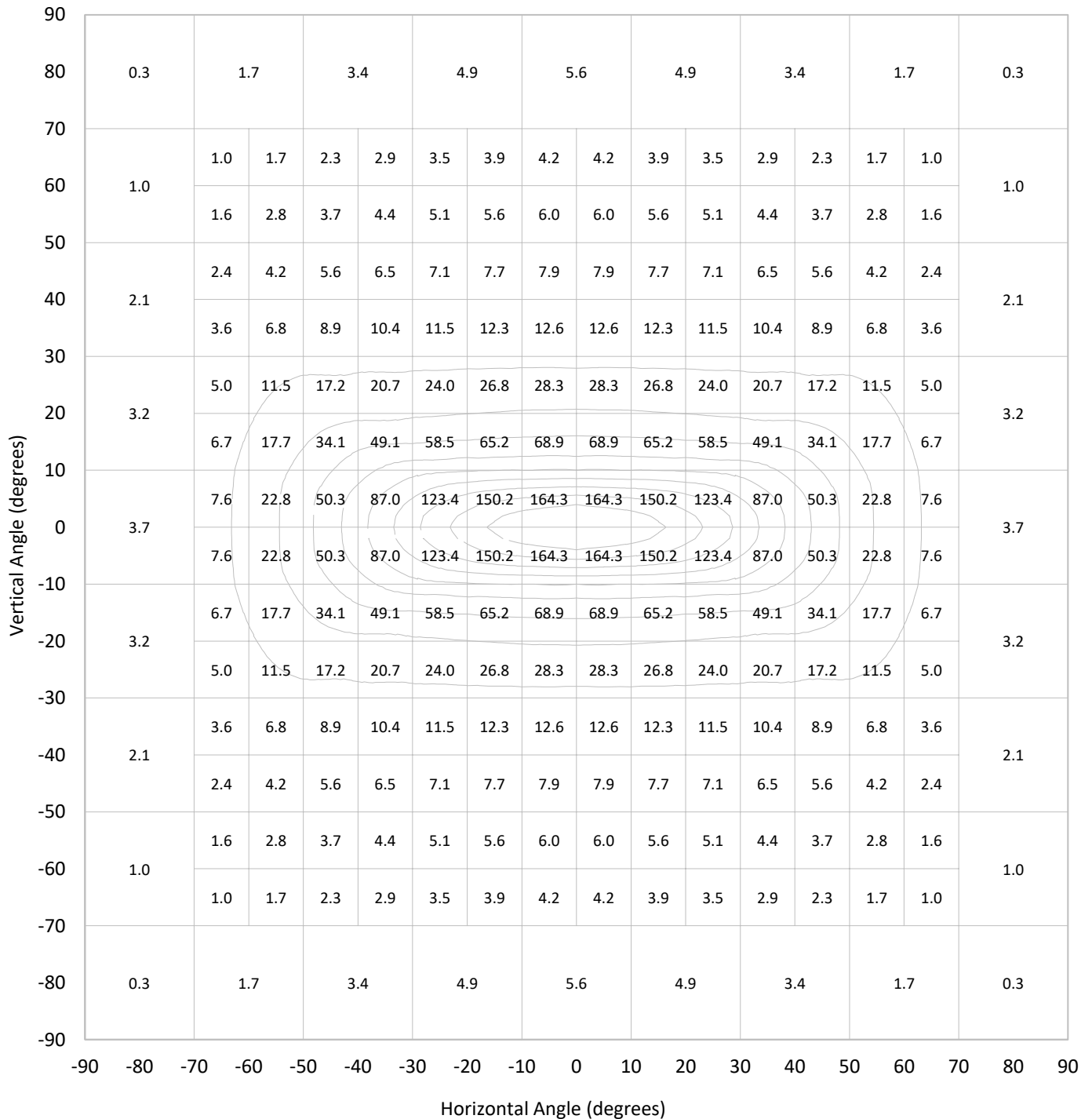
Iso-Candela Plot





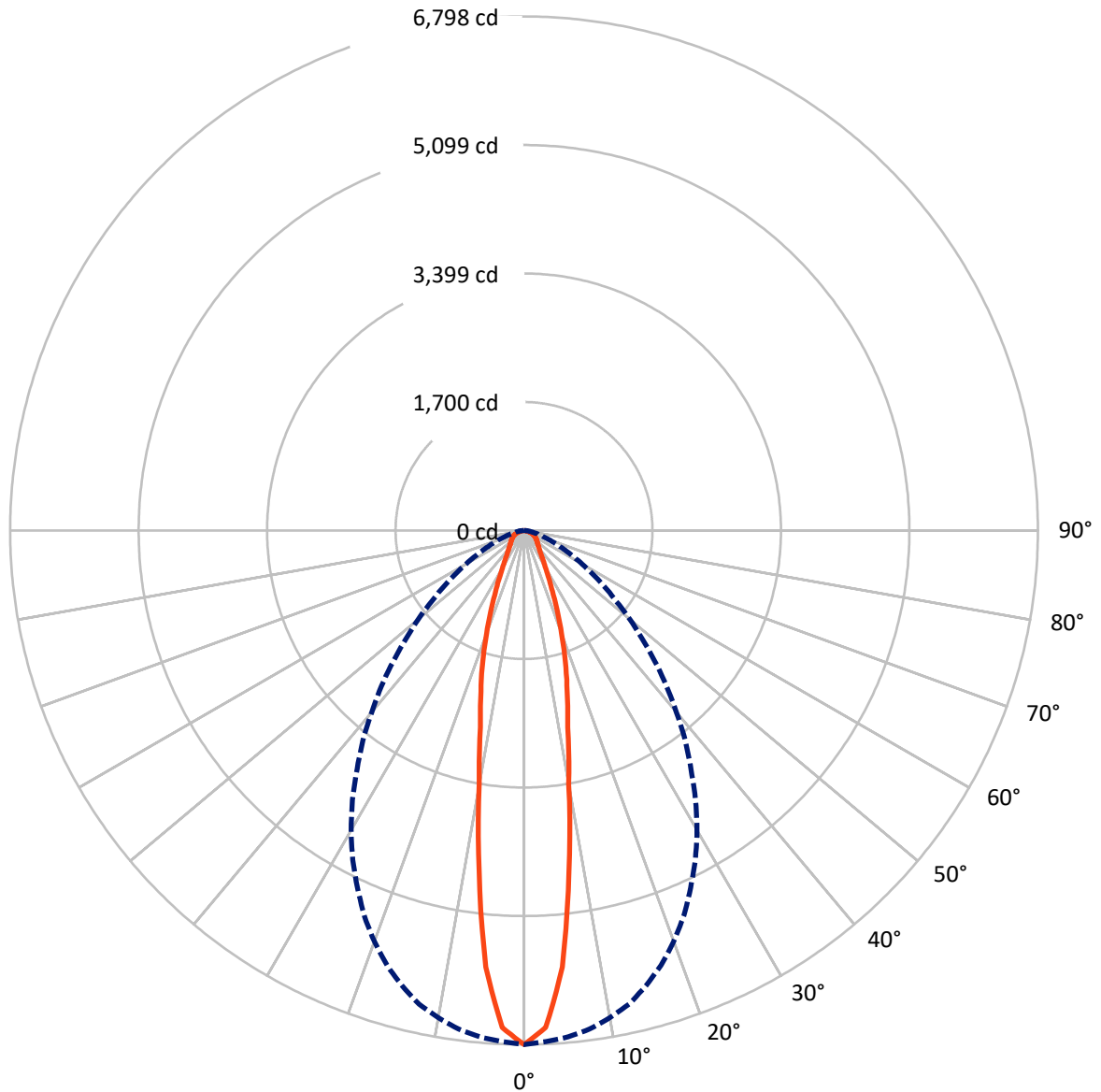
REPORT NUMBER: P558574 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



REPORT NUMBER: P558574 (CONVERTED FROM TYPE C PHOTOMETRY)
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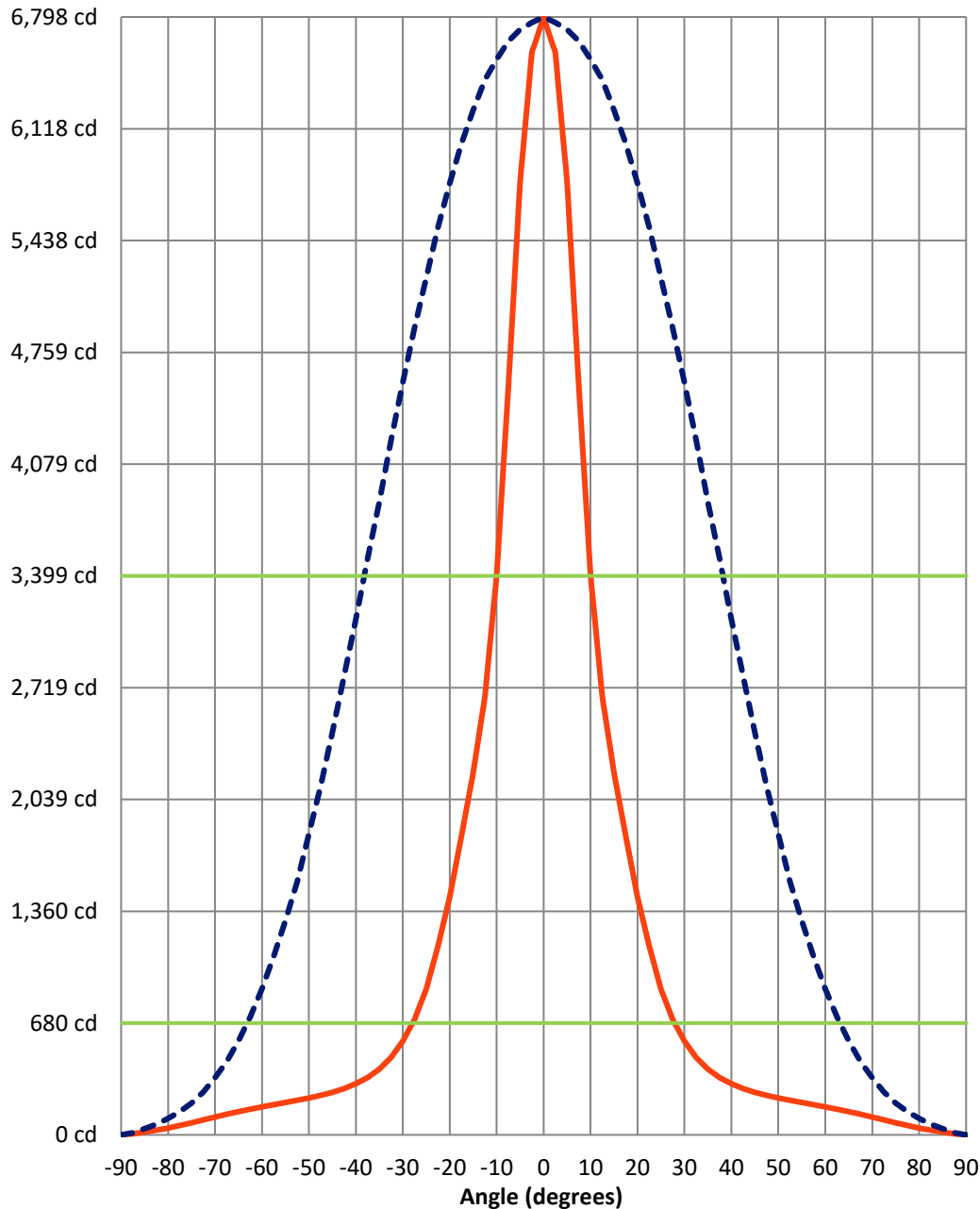
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 76.4°
 V Angle: 20°
 Lumens: 1947.9
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 3990.3
 Efficiency: 82.0%

Spill:
 Lumens: 878.3
 Efficiency: 18.0%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.6	1.1	1.6	2.0	2.4	2.7	3.1	3.4	3.7	4.0
85°	0.0	1.1	2.3	3.2	4.1	4.8	5.4	6.2	6.8	7.5	8.0
82.5°	0.0	1.7	3.4	4.8	6.1	7.2	8.2	9.2	10.5	12.5	14.3
80°	0.0	2.3	4.5	6.4	8.1	9.6	11.2	14.2	17.0	19.5	21.8
77.5°	0.0	2.8	5.6	8.0	10.2	12.8	16.4	20.1	23.5	26.6	29.5
75°	0.0	3.4	6.7	9.6	12.5	17.3	21.6	25.9	30.1	34.2	37.8
72.5°	0.0	3.9	7.8	11.2	16.2	21.8	26.8	32.0	37.4	42.1	46.1
70°	0.0	4.4	8.9	13.0	19.9	26.2	32.1	38.8	44.8	50.1	55.2
67.5°	0.0	5.0	9.9	15.8	23.5	30.7	38.2	45.5	52.2	59.1	64.6
65°	0.0	5.5	11.0	18.6	27.1	35.5	44.3	52.3	60.8	68.1	74.6
62.5°	0.0	6.0	12.0	21.3	30.7	40.7	50.3	59.8	69.3	77.6	86.1
60°	0.0	6.5	13.0	24.0	34.2	45.8	56.3	67.6	77.9	88.4	97.7
57.5°	0.0	7.0	14.7	26.7	38.3	50.9	63.0	75.5	87.6	99.2	110.2
55°	0.0	7.5	16.5	29.3	42.5	55.9	69.9	83.3	97.4	110.4	123.4
52.5°	0.0	7.9	18.1	31.8	46.5	61.0	76.6	92.0	107.3	123.1	136.9
50°	0.0	8.4	19.8	34.2	50.5	66.6	83.2	100.9	117.7	136.0	153.0
47.5°	0.0	8.8	21.3	36.8	54.3	72.0	89.9	109.9	129.5	149.1	169.9
45°	0.0	9.2	22.9	39.6	58.1	77.3	97.6	118.9	141.7	165.1	187.5
42.5°	0.0	9.6	24.3	42.4	61.8	82.5	105.3	128.8	153.8	181.5	207.5
40°	0.0	10.0	25.7	45.0	65.6	87.6	112.9	139.3	166.8	198.2	228.6
37.5°	0.0	10.3	27.1	47.4	69.5	92.5	120.5	149.7	181.6	215.7	250.3
35°	0.0	10.6	28.3	49.6	73.2	98.1	127.9	160.0	196.2	235.1	273.8
32.5°	0.0	11.0	29.5	51.7	76.8	103.9	135.5	170.0	210.8	254.8	299.7
30°	0.0	11.3	30.7	53.6	80.2	109.5	143.6	180.4	225.2	274.6	326.2
27.5°	0.0	11.5	31.7	55.4	83.0	114.9	151.4	192.1	240.3	294.5	353.1
25°	0.0	11.8	32.7	57.0	85.6	120.1	158.9	203.5	256.6	316.1	380.5
22.5°	0.0	12.0	33.6	58.5	88.1	124.8	166.1	214.5	272.5	338.5	410.4
20°	0.0	12.2	34.4	59.8	90.3	128.3	173.0	225.1	288.1	360.5	440.0
17.5°	0.0	12.4	35.2	60.9	92.3	131.4	178.1	235.1	303.1	382.1	469.2
15°	0.0	12.6	35.8	61.9	94.1	134.1	181.9	243.0	317.5	403.0	497.6
12.5°	0.0	12.7	36.4	62.7	95.7	136.3	185.2	248.2	327.8	423.0	525.1
10°	0.0	12.8	36.9	63.3	97.0	138.1	188.0	252.4	334.3	432.4	546.5
7.5°	0.0	12.9	37.3	63.8	98.1	139.5	190.1	255.8	339.7	438.6	556.2
5°	0.0	13.0	37.6	64.1	98.9	140.5	191.7	258.2	343.7	442.9	563.7
2.5°	0.0	13.0	37.8	64.3	99.5	141.1	192.6	259.8	346.4	445.3	568.9
0°	0.0	13.0	37.9	64.3	99.8	141.2	193.0	260.4	347.7	445.9	571.7
-2.5°	0.0	13.0	37.8	64.3	99.5	141.1	192.6	259.8	346.4	445.3	568.9
-5°	0.0	13.0	37.6	64.1	98.9	140.5	191.7	258.2	343.7	442.9	563.7
-7.5°	0.0	12.9	37.3	63.8	98.1	139.5	190.1	255.8	339.7	438.6	556.2
-10°	0.0	12.8	36.9	63.3	97.0	138.1	188.0	252.4	334.3	432.4	546.5
-12.5°	0.0	12.7	36.4	62.7	95.7	136.3	185.2	248.2	327.8	423.0	525.1
-15°	0.0	12.6	35.8	61.9	94.1	134.1	181.9	243.0	317.5	403.0	497.6
-17.5°	0.0	12.4	35.2	60.9	92.3	131.4	178.1	235.1	303.1	382.1	469.2
-20°	0.0	12.2	34.4	59.8	90.3	128.3	173.0	225.1	288.1	360.5	440.0



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 CATALOG NUMBER: GFLD-SA1D-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	12.0	33.6	58.5	88.1	124.8	166.1	214.5	272.5	338.5	410.4
-25°	0.0	11.8	32.7	57.0	85.6	120.1	158.9	203.5	256.6	316.1	380.5
-27.5°	0.0	11.5	31.7	55.4	83.0	114.9	151.4	192.1	240.3	294.5	353.1
-30°	0.0	11.3	30.7	53.6	80.2	109.5	143.6	180.4	225.2	274.6	326.2
-32.5°	0.0	11.0	29.5	51.7	76.8	103.9	135.5	170.0	210.8	254.8	299.7
-35°	0.0	10.6	28.3	49.6	73.2	98.1	127.9	160.0	196.2	235.1	273.8
-37.5°	0.0	10.3	27.1	47.4	69.5	92.5	120.5	149.7	181.6	215.7	250.3
-40°	0.0	10.0	25.7	45.0	65.6	87.6	112.9	139.3	166.8	198.2	228.6
-42.5°	0.0	9.6	24.3	42.4	61.8	82.5	105.3	128.8	153.8	181.5	207.5
-45°	0.0	9.2	22.9	39.6	58.1	77.3	97.6	118.9	141.7	165.1	187.5
-47.5°	0.0	8.8	21.3	36.8	54.3	72.0	89.9	109.9	129.5	149.1	169.9
-50°	0.0	8.4	19.8	34.2	50.5	66.6	83.2	100.9	117.7	136.0	153.0
-52.5°	0.0	7.9	18.1	31.8	46.5	61.0	76.6	92.0	107.3	123.1	136.9
-55°	0.0	7.5	16.5	29.3	42.5	55.9	69.9	83.3	97.4	110.4	123.4
-57.5°	0.0	7.0	14.7	26.7	38.3	50.9	63.0	75.5	87.6	99.2	110.2
-60°	0.0	6.5	13.0	24.0	34.2	45.8	56.3	67.6	77.9	88.4	97.7
-62.5°	0.0	6.0	12.0	21.3	30.7	40.7	50.3	59.8	69.3	77.6	86.1
-65°	0.0	5.5	11.0	18.6	27.1	35.5	44.3	52.3	60.8	68.1	74.6
-67.5°	0.0	5.0	9.9	15.8	23.5	30.7	38.2	45.5	52.2	59.1	64.6
-70°	0.0	4.4	8.9	13.0	19.9	26.2	32.1	38.8	44.8	50.1	55.2
-72.5°	0.0	3.9	7.8	11.2	16.2	21.8	26.8	32.0	37.4	42.1	46.1
-75°	0.0	3.4	6.7	9.6	12.5	17.3	21.6	25.9	30.1	34.2	37.8
-77.5°	0.0	2.8	5.6	8.0	10.2	12.8	16.4	20.1	23.5	26.6	29.5
-80°	0.0	2.3	4.5	6.4	8.1	9.6	11.2	14.2	17.0	19.5	21.8
-82.5°	0.0	1.7	3.4	4.8	6.1	7.2	8.2	9.2	10.5	12.5	14.3
-85°	0.0	1.1	2.3	3.2	4.1	4.8	5.4	6.2	6.8	7.5	8.0
-87.5°	0.0	0.6	1.1	1.6	2.0	2.4	2.7	3.1	3.4	3.7	4.0
-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: P558574 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.3	4.6	4.9	5.2	5.4	5.6	5.8	6.0	6.3	6.5	6.7
85°	8.7	9.2	10.2	11.0	11.8	12.4	13.0	13.5	14.0	14.4	14.7
82.5°	15.9	17.2	18.3	19.1	20.0	20.8	21.5	22.1	22.7	23.3	23.8
80°	23.7	25.2	26.8	28.1	29.5	30.5	31.1	31.4	32.1	33.2	34.2
77.5°	32.2	34.4	36.5	38.2	39.6	40.9	41.8	42.3	43.6	45.0	46.3
75°	40.9	43.7	46.5	49.0	50.9	52.4	53.4	54.3	55.8	57.7	59.3
72.5°	50.0	53.8	57.1	60.0	62.6	64.6	66.0	67.0	68.5	70.7	72.6
70°	59.6	63.9	68.4	72.1	74.9	77.2	79.2	80.5	81.9	84.1	85.8
67.5°	69.5	75.7	80.7	84.6	87.7	90.6	92.8	94.2	94.8	97.1	99.0
65°	81.3	87.9	93.4	97.8	100.9	104.4	106.9	108.1	108.5	111.0	113.3
62.5°	93.2	100.5	106.6	111.6	115.6	119.0	121.7	123.2	123.5	125.4	128.1
60°	106.0	113.4	120.6	126.6	130.9	134.4	137.4	139.0	139.4	140.1	143.2
57.5°	119.2	127.2	135.7	142.5	147.5	150.3	153.6	155.4	156.2	155.7	158.9
55°	133.6	142.0	151.5	159.4	164.8	167.4	170.4	173.0	173.9	173.3	175.3
52.5°	150.0	158.3	168.5	177.2	183.1	186.3	188.4	191.5	193.0	192.4	192.0
50°	167.2	177.7	186.1	196.0	203.2	207.3	207.4	211.3	213.1	212.5	210.0
47.5°	186.6	198.5	204.8	216.2	225.6	230.4	230.8	232.3	234.6	235.2	233.0
45°	207.7	222.1	228.9	239.1	249.6	255.5	257.3	254.5	258.6	259.9	258.5
42.5°	229.8	248.2	259.0	263.1	275.4	283.6	286.8	284.8	284.6	287.5	287.4
40°	255.4	276.5	292.7	297.0	303.2	314.6	321.3	320.9	313.3	318.7	320.1
37.5°	282.7	310.2	330.2	339.1	334.4	349.6	359.4	363.4	358.7	353.4	359.5
35°	311.5	346.2	373.2	388.3	389.0	388.6	404.1	412.4	412.9	403.2	405.5
32.5°	343.7	384.4	420.1	444.7	455.8	448.9	453.0	470.4	478.9	475.2	461.3
30°	378.2	428.2	472.1	506.7	531.6	538.9	522.3	535.9	554.8	562.3	556.3
27.5°	413.2	474.7	530.3	578.3	616.9	641.3	641.9	620.9	642.4	660.5	667.5
25°	448.7	521.2	592.0	657.1	715.5	757.5	776.9	779.2	749.1	776.4	801.8
22.5°	486.6	569.1	653.1	741.0	822.4	884.1	931.1	959.3	958.4	929.8	952.1
20°	526.6	621.2	719.0	823.3	934.3	1019.1	1097.8	1157.9	1194.1	1206.1	1182.7
17.5°	566.6	673.7	788.2	912.4	1040.8	1158.5	1276.4	1372.2	1448.3	1510.7	1533.0
15°	606.1	726.2	857.7	1002.2	1150.5	1297.8	1449.3	1596.2	1725.6	1839.8	1907.5
12.5°	644.7	777.9	926.6	1091.5	1261.8	1439.1	1619.8	1798.8	1985.2	2170.1	2310.7
10°	681.9	828.2	994.1	1179.2	1372.9	1580.2	1790.0	2002.4	2228.8	2447.0	2657.0
7.5°	697.8	861.2	1052.3	1264.2	1482.2	1719.3	1957.6	2204.3	2468.8	2723.3	2979.7
5°	707.6	874.2	1068.6	1289.4	1531.9	1810.0	2094.4	2399.9	2701.7	2994.8	3296.9
2.5°	714.1	883.2	1079.5	1299.4	1539.3	1824.9	2112.9	2430.1	2768.7	3107.6	3467.3
0°	717.3	887.9	1084.9	1302.4	1538.4	1829.7	2120.0	2447.2	2790.4	3135.1	3503.2
-2.5°	714.1	883.2	1079.5	1299.4	1539.3	1824.9	2112.9	2430.1	2768.7	3107.6	3467.3
-5°	707.6	874.2	1068.6	1289.4	1531.9	1810.0	2094.4	2399.9	2701.7	2994.8	3296.9
-7.5°	697.8	861.2	1052.3	1264.2	1482.2	1719.3	1957.6	2204.3	2468.8	2723.3	2979.7
-10°	681.9	828.2	994.1	1179.2	1372.9	1580.2	1790.0	2002.4	2228.8	2447.0	2657.0
-12.5°	644.7	777.9	926.6	1091.5	1261.8	1439.1	1619.8	1798.8	1985.2	2170.1	2310.7
-15°	606.1	726.2	857.7	1002.2	1150.5	1297.8	1449.3	1596.2	1725.6	1839.8	1907.5
-17.5°	566.6	673.7	788.2	912.4	1040.8	1158.5	1276.4	1372.2	1448.3	1510.7	1533.0
-20°	526.6	621.2	719.0	823.3	934.3	1019.1	1097.8	1157.9	1194.1	1206.1	1182.7



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 CATALOG NUMBER: GFLD-SA1D-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	486.6	569.1	653.1	741.0	822.4	884.1	931.1	959.3	958.4	929.8	952.1
-25°	448.7	521.2	592.0	657.1	715.5	757.5	776.9	779.2	749.1	776.4	801.8
-27.5°	413.2	474.7	530.3	578.3	616.9	641.3	641.9	620.9	642.4	660.5	667.5
-30°	378.2	428.2	472.1	506.7	531.6	538.9	522.3	535.9	554.8	562.3	556.3
-32.5°	343.7	384.4	420.1	444.7	455.8	448.9	453.0	470.4	478.9	475.2	461.3
-35°	311.5	346.2	373.2	388.3	389.0	388.6	404.1	412.4	412.9	403.2	405.5
-37.5°	282.7	310.2	330.2	339.1	334.4	349.6	359.4	363.4	358.7	353.4	359.5
-40°	255.4	276.5	292.7	297.0	303.2	314.6	321.3	320.9	313.3	318.7	320.1
-42.5°	229.8	248.2	259.0	263.1	275.4	283.6	286.8	284.8	284.6	287.5	287.4
-45°	207.7	222.1	228.9	239.1	249.6	255.5	257.3	254.5	258.6	259.9	258.5
-47.5°	186.6	198.5	204.8	216.2	225.6	230.4	230.8	232.3	234.6	235.2	233.0
-50°	167.2	177.7	186.1	196.0	203.2	207.3	207.4	211.3	213.1	212.5	210.0
-52.5°	150.0	158.3	168.5	177.2	183.1	186.3	188.4	191.5	193.0	192.4	192.0
-55°	133.6	142.0	151.5	159.4	164.8	167.4	170.4	173.0	173.9	173.3	175.3
-57.5°	119.2	127.2	135.7	142.5	147.5	150.3	153.6	155.4	156.2	155.7	158.9
-60°	106.0	113.4	120.6	126.6	130.9	134.4	137.4	139.0	139.4	140.1	143.2
-62.5°	93.2	100.5	106.6	111.6	115.6	119.0	121.7	123.2	123.5	125.4	128.1
-65°	81.3	87.9	93.4	97.8	100.9	104.4	106.9	108.1	108.5	111.0	113.3
-67.5°	69.5	75.7	80.7	84.6	87.7	90.6	92.8	94.2	94.8	97.1	99.0
-70°	59.6	63.9	68.4	72.1	74.9	77.2	79.2	80.5	81.9	84.1	85.8
-72.5°	50.0	53.8	57.1	60.0	62.6	64.6	66.0	67.0	68.5	70.7	72.6
-75°	40.9	43.7	46.5	49.0	50.9	52.4	53.4	54.3	55.8	57.7	59.3
-77.5°	32.2	34.4	36.5	38.2	39.6	40.9	41.8	42.3	43.6	45.0	46.3
-80°	23.7	25.2	26.8	28.1	29.5	30.5	31.1	31.4	32.1	33.2	34.2
-82.5°	15.9	17.2	18.3	19.1	20.0	20.8	21.5	22.1	22.7	23.3	23.8
-85°	8.7	9.2	10.2	11.0	11.8	12.4	13.0	13.5	14.0	14.4	14.7
-87.5°	4.3	4.6	4.9	5.2	5.4	5.6	5.8	6.0	6.3	6.5	6.7
-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: P558574 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.0	6.9	6.7	6.5	6.3	6.4	6.3	6.3	6.3	6.2	6.2
85°	14.9	15.2	15.4	15.7	15.9	16.2	16.4	16.6	16.8	16.7	16.7
82.5°	24.2	25.0	25.8	26.6	27.3	27.6	27.9	28.1	28.2	28.4	28.6
80°	35.1	36.3	37.4	38.3	39.0	39.6	40.0	40.4	40.6	40.9	41.1
77.5°	47.5	48.8	50.1	51.2	52.2	53.1	53.8	54.4	54.9	55.6	56.2
75°	60.7	62.2	63.7	65.1	66.4	67.7	69.0	70.1	71.2	72.1	72.8
72.5°	74.0	75.5	77.5	79.2	80.9	82.7	84.4	86.0	87.3	88.5	89.6
70°	87.1	88.6	91.1	93.5	95.7	97.8	99.9	101.8	103.4	105.0	106.5
67.5°	100.7	102.2	105.3	108.0	110.5	112.9	115.3	117.5	119.4	121.1	122.6
65°	115.1	116.5	119.8	122.9	125.5	127.7	130.3	132.7	134.8	136.7	138.3
62.5°	130.1	131.5	134.3	137.3	139.8	141.9	145.0	147.6	149.9	151.8	153.3
60°	145.4	146.6	148.7	151.9	154.7	157.0	159.7	162.3	164.5	166.4	168.1
57.5°	161.1	162.3	163.3	166.6	169.3	171.4	173.8	176.4	178.5	180.3	182.0
55°	177.4	178.4	178.1	181.1	183.6	185.3	187.1	189.8	191.9	193.5	195.0
52.5°	194.1	195.2	194.4	195.7	198.5	200.0	200.8	203.7	205.9	207.3	208.7
50°	212.7	213.5	212.9	212.1	214.8	216.4	216.8	219.2	221.2	222.3	223.3
47.5°	232.8	233.9	233.3	230.4	232.8	234.8	234.8	235.9	237.9	238.8	239.4
45°	254.7	256.8	256.3	254.3	254.0	256.0	255.8	255.0	257.4	258.4	258.8
42.5°	283.4	282.7	283.4	282.2	278.6	280.9	281.2	278.2	281.2	282.5	281.8
40°	318.6	312.2	315.7	315.2	311.8	311.3	313.1	310.7	311.2	313.0	311.6
37.5°	360.4	355.9	353.9	355.5	354.5	350.2	353.7	352.8	350.1	353.1	351.8
35°	412.0	410.6	400.3	406.5	407.8	403.7	404.9	406.7	400.7	405.4	404.9
32.5°	472.2	475.2	473.0	469.1	475.0	475.7	469.0	477.1	473.8	475.0	478.2
30°	540.3	556.0	563.6	556.8	560.5	567.8	564.5	570.1	572.8	568.6	576.6
27.5°	659.5	653.9	672.2	680.1	671.6	685.0	694.6	690.3	704.4	696.1	708.0
25°	810.9	802.7	807.6	833.9	839.7	833.0	860.2	863.3	874.6	875.9	884.3
22.5°	988.8	1008.5	1006.2	1014.2	1047.2	1058.2	1068.2	1094.4	1088.4	1112.1	1116.3
20°	1187.7	1237.2	1271.3	1278.5	1292.6	1330.5	1347.9	1368.5	1382.3	1404.8	1423.8
17.5°	1524.2	1498.9	1565.7	1607.7	1629.9	1637.8	1683.4	1698.3	1732.5	1752.1	1771.6
15°	1956.3	1971.1	1940.9	1980.9	2048.6	2071.4	2045.2	2106.4	2123.7	2156.7	2162.5
12.5°	2418.1	2492.8	2529.4	2539.4	2504.0	2600.3	2638.8	2590.4	2645.3	2635.4	2680.6
10°	2858.7	3040.3	3149.0	3225.5	3272.0	3300.0	3327.8	3377.9	3378.7	3415.8	3394.1
7.5°	3220.4	3450.7	3670.7	3884.1	4054.8	4150.5	4225.7	4297.8	4393.9	4440.0	4469.9
5°	3574.3	3840.0	4103.2	4361.9	4596.2	4821.6	5042.5	5234.1	5335.6	5454.3	5560.1
2.5°	3803.2	4139.3	4475.4	4808.4	5079.1	5327.5	5557.5	5770.9	5958.2	6131.6	6277.9
0°	3847.9	4224.0	4574.7	4906.9	5211.7	5518.5	5786.3	6027.8	6231.8	6415.9	6540.1
-2.5°	3803.2	4139.3	4475.4	4808.4	5079.1	5327.5	5557.5	5770.9	5958.2	6131.6	6277.9
-5°	3574.3	3840.0	4103.2	4361.9	4596.2	4821.6	5042.5	5234.1	5335.6	5454.3	5560.1
-7.5°	3220.4	3450.7	3670.7	3884.1	4054.8	4150.5	4225.7	4297.8	4393.9	4440.0	4469.9
-10°	2858.7	3040.3	3149.0	3225.5	3272.0	3300.0	3327.8	3377.9	3378.7	3415.8	3394.1
-12.5°	2418.1	2492.8	2529.4	2539.4	2504.0	2600.3	2638.8	2590.4	2645.3	2635.4	2680.6
-15°	1956.3	1971.1	1940.9	1980.9	2048.6	2071.4	2045.2	2106.4	2123.7	2156.7	2162.5
-17.5°	1524.2	1498.9	1565.7	1607.7	1629.9	1637.8	1683.4	1698.3	1732.5	1752.1	1771.6
-20°	1187.7	1237.2	1271.3	1278.5	1292.6	1330.5	1347.9	1368.5	1382.3	1404.8	1423.8



REPORT NUMBER: P558574 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	988.8	1008.5	1006.2	1014.2	1047.2	1058.2	1068.2	1094.4	1088.4	1112.1	1116.3
-25°	810.9	802.7	807.6	833.9	839.7	833.0	860.2	863.3	874.6	875.9	884.3
-27.5°	659.5	653.9	672.2	680.1	671.6	685.0	694.6	690.3	704.4	696.1	708.0
-30°	540.3	556.0	563.6	556.8	560.5	567.8	564.5	570.1	572.8	568.6	576.6
-32.5°	472.2	475.2	473.0	469.1	475.0	475.7	469.0	477.1	473.8	475.0	478.2
-35°	412.0	410.6	400.3	406.5	407.8	403.7	404.9	406.7	400.7	405.4	404.9
-37.5°	360.4	355.9	353.9	355.5	354.5	350.2	353.7	352.8	350.1	353.1	351.8
-40°	318.6	312.2	315.7	315.2	311.8	311.3	313.1	310.7	311.2	313.0	311.6
-42.5°	283.4	282.7	283.4	282.2	278.6	280.9	281.2	278.2	281.2	282.5	281.8
-45°	254.7	256.8	256.3	254.3	254.0	256.0	255.8	255.0	257.4	258.4	258.8
-47.5°	232.8	233.9	233.3	230.4	232.8	234.8	234.8	235.9	237.9	238.8	239.4
-50°	212.7	213.5	212.9	212.1	214.8	216.4	216.8	219.2	221.2	222.3	223.3
-52.5°	194.1	195.2	194.4	195.7	198.5	200.0	200.8	203.7	205.9	207.3	208.7
-55°	177.4	178.4	178.1	181.1	183.6	185.3	187.1	189.8	191.9	193.5	195.0
-57.5°	161.1	162.3	163.3	166.6	169.3	171.4	173.8	176.4	178.5	180.3	182.0
-60°	145.4	146.6	148.7	151.9	154.7	157.0	159.7	162.3	164.5	166.4	168.1
-62.5°	130.1	131.5	134.3	137.3	139.8	141.9	145.0	147.6	149.9	151.8	153.3
-65°	115.1	116.5	119.8	122.9	125.5	127.7	130.3	132.7	134.8	136.7	138.3
-67.5°	100.7	102.2	105.3	108.0	110.5	112.9	115.3	117.5	119.4	121.1	122.6
-70°	87.1	88.6	91.1	93.5	95.7	97.8	99.9	101.8	103.4	105.0	106.5
-72.5°	74.0	75.5	77.5	79.2	80.9	82.7	84.4	86.0	87.3	88.5	89.6
-75°	60.7	62.2	63.7	65.1	66.4	67.7	69.0	70.1	71.2	72.1	72.8
-77.5°	47.5	48.8	50.1	51.2	52.2	53.1	53.8	54.4	54.9	55.6	56.2
-80°	35.1	36.3	37.4	38.3	39.0	39.6	40.0	40.4	40.6	40.9	41.1
-82.5°	24.2	25.0	25.8	26.6	27.3	27.6	27.9	28.1	28.2	28.4	28.6
-85°	14.9	15.2	15.4	15.7	15.9	16.2	16.4	16.6	16.8	16.7	16.7
-87.5°	7.0	6.9	6.7	6.5	6.3	6.4	6.3	6.3	6.3	6.2	6.2
-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: P558574 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.1	6.0	6.2	6.5	6.2	6.0	6.1	6.2	6.2	6.3	6.3
85°	16.6	16.4	16.7	17.0	16.7	16.4	16.6	16.7	16.7	16.8	16.6
82.5°	28.7	28.8	28.9	28.9	28.9	28.8	28.7	28.6	28.4	28.2	28.1
80°	41.2	41.2	41.1	40.9	41.1	41.2	41.2	41.1	40.9	40.6	40.4
77.5°	56.7	57.1	57.3	57.4	57.3	57.1	56.7	56.2	55.6	54.9	54.4
75°	73.2	73.4	73.5	73.3	73.5	73.4	73.2	72.8	72.1	71.2	70.1
72.5°	90.6	91.3	91.4	91.3	91.4	91.3	90.6	89.6	88.5	87.3	86.0
70°	107.7	108.6	108.6	108.2	108.6	108.6	107.7	106.5	105.0	103.4	101.8
67.5°	123.7	124.6	125.3	125.7	125.3	124.6	123.7	122.6	121.1	119.4	117.5
65°	139.6	140.5	141.0	141.2	141.0	140.5	139.6	138.3	136.7	134.8	132.7
62.5°	154.6	155.4	155.9	156.1	155.9	155.4	154.6	153.3	151.8	149.9	147.6
60°	169.4	170.3	170.5	170.1	170.5	170.3	169.4	168.1	166.4	164.5	162.3
57.5°	183.4	184.3	184.3	183.6	184.3	184.3	183.4	182.0	180.3	178.5	176.4
55°	196.2	196.8	197.1	197.0	197.1	196.8	196.2	195.0	193.5	191.9	189.8
52.5°	209.8	210.3	210.6	210.5	210.6	210.3	209.8	208.7	207.3	205.9	203.7
50°	224.0	224.1	224.1	224.0	224.1	224.1	224.0	223.3	222.3	221.2	219.2
47.5°	240.2	240.4	240.4	240.4	240.4	240.4	240.2	239.4	238.8	237.9	235.9
45°	259.4	258.9	258.4	258.4	258.4	258.9	259.4	258.8	258.4	257.4	255.0
42.5°	282.5	281.9	281.1	281.3	281.1	281.9	282.5	281.8	282.5	281.2	278.2
40°	312.8	312.7	311.7	311.3	311.7	312.7	312.8	311.6	313.0	311.2	310.7
37.5°	352.0	351.4	349.2	348.2	349.2	351.4	352.0	351.8	353.1	350.1	352.8
35°	403.5	402.8	399.3	399.6	399.3	402.8	403.5	404.9	405.4	400.7	406.7
32.5°	476.6	476.9	471.6	470.4	471.6	476.9	476.6	478.2	475.0	473.8	477.1
30°	571.6	573.7	567.5	570.2	567.5	573.7	571.6	576.6	568.6	572.8	570.1
27.5°	707.8	711.7	706.2	701.8	706.2	711.7	707.8	708.0	696.1	704.4	690.3
25°	895.2	898.2	891.9	886.4	891.9	898.2	895.2	884.3	875.9	874.6	863.3
22.5°	1139.2	1139.0	1138.6	1147.3	1138.6	1139.0	1139.2	1116.3	1112.1	1088.4	1094.4
20°	1436.0	1428.9	1439.6	1446.6	1439.6	1428.9	1436.0	1423.8	1404.8	1382.3	1368.5
17.5°	1776.2	1789.6	1800.0	1817.2	1800.0	1789.6	1776.2	1771.6	1752.1	1732.5	1698.3
15°	2177.2	2197.5	2207.9	2202.3	2207.9	2197.5	2177.2	2162.5	2156.7	2123.7	2106.4
12.5°	2682.2	2706.5	2688.6	2666.2	2688.6	2706.5	2682.2	2680.6	2635.4	2645.3	2590.4
10°	3394.5	3446.8	3449.7	3406.0	3449.7	3446.8	3394.5	3394.1	3415.8	3378.7	3377.9
7.5°	4487.3	4512.7	4551.3	4553.3	4551.3	4512.7	4487.3	4469.9	4440.0	4393.9	4297.8
5°	5608.1	5675.7	5719.4	5794.8	5719.4	5675.7	5608.1	5560.1	5454.3	5335.6	5234.1
2.5°	6372.4	6459.9	6493.5	6579.0	6493.5	6459.9	6372.4	6277.9	6131.6	5958.2	5770.9
0°	6650.8	6721.6	6764.0	6798.0	6764.0	6721.6	6650.8	6540.1	6415.9	6231.8	6027.8
-2.5°	6372.4	6459.9	6493.5	6579.0	6493.5	6459.9	6372.4	6277.9	6131.6	5958.2	5770.9
-5°	5608.1	5675.7	5719.4	5794.8	5719.4	5675.7	5608.1	5560.1	5454.3	5335.6	5234.1
-7.5°	4487.3	4512.7	4551.3	4553.3	4551.3	4512.7	4487.3	4469.9	4440.0	4393.9	4297.8
-10°	3394.5	3446.8	3449.7	3406.0	3449.7	3446.8	3394.5	3394.1	3415.8	3378.7	3377.9
-12.5°	2682.2	2706.5	2688.6	2666.2	2688.6	2706.5	2682.2	2680.6	2635.4	2645.3	2590.4
-15°	2177.2	2197.5	2207.9	2202.3	2207.9	2197.5	2177.2	2162.5	2156.7	2123.7	2106.4
-17.5°	1776.2	1789.6	1800.0	1817.2	1800.0	1789.6	1776.2	1771.6	1752.1	1732.5	1698.3
-20°	1436.0	1428.9	1439.6	1446.6	1439.6	1428.9	1436.0	1423.8	1404.8	1382.3	1368.5



REPORT NUMBER: P558574 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1139.2	1139.0	1138.6	1147.3	1138.6	1139.0	1139.2	1116.3	1112.1	1088.4	1094.4
-25°	895.2	898.2	891.9	886.4	891.9	898.2	895.2	884.3	875.9	874.6	863.3
-27.5°	707.8	711.7	706.2	701.8	706.2	711.7	707.8	708.0	696.1	704.4	690.3
-30°	571.6	573.7	567.5	570.2	567.5	573.7	571.6	576.6	568.6	572.8	570.1
-32.5°	476.6	476.9	471.6	470.4	471.6	476.9	476.6	478.2	475.0	473.8	477.1
-35°	403.5	402.8	399.3	399.6	399.3	402.8	403.5	404.9	405.4	400.7	406.7
-37.5°	352.0	351.4	349.2	348.2	349.2	351.4	352.0	351.8	353.1	350.1	352.8
-40°	312.8	312.7	311.7	311.3	311.7	312.7	312.8	311.6	313.0	311.2	310.7
-42.5°	282.5	281.9	281.1	281.3	281.1	281.9	282.5	281.8	282.5	281.2	278.2
-45°	259.4	258.9	258.4	258.4	258.4	258.9	259.4	258.8	258.4	257.4	255.0
-47.5°	240.2	240.4	240.4	240.4	240.4	240.4	240.2	239.4	238.8	237.9	235.9
-50°	224.0	224.1	224.1	224.0	224.1	224.1	224.0	223.3	222.3	221.2	219.2
-52.5°	209.8	210.3	210.6	210.5	210.6	210.3	209.8	208.7	207.3	205.9	203.7
-55°	196.2	196.8	197.1	197.0	197.1	196.8	196.2	195.0	193.5	191.9	189.8
-57.5°	183.4	184.3	184.3	183.6	184.3	184.3	183.4	182.0	180.3	178.5	176.4
-60°	169.4	170.3	170.5	170.1	170.5	170.3	169.4	168.1	166.4	164.5	162.3
-62.5°	154.6	155.4	155.9	156.1	155.9	155.4	154.6	153.3	151.8	149.9	147.6
-65°	139.6	140.5	141.0	141.2	141.0	140.5	139.6	138.3	136.7	134.8	132.7
-67.5°	123.7	124.6	125.3	125.7	125.3	124.6	123.7	122.6	121.1	119.4	117.5
-70°	107.7	108.6	108.6	108.2	108.6	108.6	107.7	106.5	105.0	103.4	101.8
-72.5°	90.6	91.3	91.4	91.3	91.4	91.3	90.6	89.6	88.5	87.3	86.0
-75°	73.2	73.4	73.5	73.3	73.5	73.4	73.2	72.8	72.1	71.2	70.1
-77.5°	56.7	57.1	57.3	57.4	57.3	57.1	56.7	56.2	55.6	54.9	54.4
-80°	41.2	41.2	41.1	40.9	41.1	41.2	41.2	41.1	40.9	40.6	40.4
-82.5°	28.7	28.8	28.9	28.9	28.9	28.8	28.7	28.6	28.4	28.2	28.1
-85°	16.6	16.4	16.7	17.0	16.7	16.4	16.6	16.7	16.7	16.8	16.6
-87.5°	6.1	6.0	6.2	6.5	6.2	6.0	6.1	6.2	6.2	6.3	6.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558574 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.3	6.4	6.3	6.5	6.7	6.9	7.0	6.7	6.5	6.3	6.0
85°	16.4	16.2	15.9	15.7	15.4	15.2	14.9	14.7	14.4	14.0	13.5
82.5°	27.9	27.6	27.3	26.6	25.8	25.0	24.2	23.8	23.3	22.7	22.1
80°	40.0	39.6	39.0	38.3	37.4	36.3	35.1	34.2	33.2	32.1	31.4
77.5°	53.8	53.1	52.2	51.2	50.1	48.8	47.5	46.3	45.0	43.6	42.3
75°	69.0	67.7	66.4	65.1	63.7	62.2	60.7	59.3	57.7	55.8	54.3
72.5°	84.4	82.7	80.9	79.2	77.5	75.5	74.0	72.6	70.7	68.5	67.0
70°	99.9	97.8	95.7	93.5	91.1	88.6	87.1	85.8	84.1	81.9	80.5
67.5°	115.3	112.9	110.5	108.0	105.3	102.2	100.7	99.0	97.1	94.8	94.2
65°	130.3	127.7	125.5	122.9	119.8	116.5	115.1	113.3	111.0	108.5	108.1
62.5°	145.0	141.9	139.8	137.3	134.3	131.5	130.1	128.1	125.4	123.5	123.2
60°	159.7	157.0	154.7	151.9	148.7	146.6	145.4	143.2	140.1	139.4	139.0
57.5°	173.8	171.4	169.3	166.6	163.3	162.3	161.1	158.9	155.7	156.2	155.4
55°	187.1	185.3	183.6	181.1	178.1	178.4	177.4	175.3	173.3	173.9	173.0
52.5°	200.8	200.0	198.5	195.7	194.4	195.2	194.1	192.0	192.4	193.0	191.5
50°	216.8	216.4	214.8	212.1	212.9	213.5	212.7	210.0	212.5	213.1	211.3
47.5°	234.8	234.8	232.8	230.4	233.3	233.9	232.8	233.0	235.2	234.6	232.3
45°	255.8	256.0	254.0	254.3	256.3	256.8	254.7	258.5	259.9	258.6	254.5
42.5°	281.2	280.9	278.6	282.2	283.4	282.7	283.4	287.4	287.5	284.6	284.8
40°	313.1	311.3	311.8	315.2	315.7	312.2	318.6	320.1	318.7	313.3	320.9
37.5°	353.7	350.2	354.5	355.5	353.9	355.9	360.4	359.5	353.4	358.7	363.4
35°	404.9	403.7	407.8	406.5	400.3	410.6	412.0	405.5	403.2	412.9	412.4
32.5°	469.0	475.7	475.0	469.1	473.0	475.2	472.2	461.3	475.2	478.9	470.4
30°	564.5	567.8	560.5	556.8	563.6	556.0	540.3	556.3	562.3	554.8	535.9
27.5°	694.6	685.0	671.6	680.1	672.2	653.9	659.5	667.5	660.5	642.4	620.9
25°	860.2	833.0	839.7	833.9	807.6	802.7	810.9	801.8	776.4	749.1	779.2
22.5°	1068.2	1058.2	1047.2	1014.2	1006.2	1008.5	988.8	952.1	929.8	958.4	959.3
20°	1347.9	1330.5	1292.6	1278.5	1271.3	1237.2	1187.7	1182.7	1206.1	1194.1	1157.9
17.5°	1683.4	1637.8	1629.9	1607.7	1565.7	1498.9	1524.2	1533.0	1510.7	1448.3	1372.2
15°	2045.2	2071.4	2048.6	1980.9	1940.9	1971.1	1956.3	1907.5	1839.8	1725.6	1596.2
12.5°	2638.8	2600.3	2504.0	2539.4	2529.4	2492.8	2418.1	2310.7	2170.1	1985.2	1798.8
10°	3327.8	3300.0	3272.0	3225.5	3149.0	3040.3	2858.7	2657.0	2447.0	2228.8	2002.4
7.5°	4225.7	4150.5	4054.8	3884.1	3670.7	3450.7	3220.4	2979.7	2723.3	2468.8	2204.3
5°	5042.5	4821.6	4596.2	4361.9	4103.2	3840.0	3574.3	3296.9	2994.8	2701.7	2399.9
2.5°	5557.5	5327.5	5079.1	4808.4	4475.4	4139.3	3803.2	3467.3	3107.6	2768.7	2430.1
0°	5786.3	5518.5	5211.7	4906.9	4574.7	4224.0	3847.9	3503.2	3135.1	2790.4	2447.2
-2.5°	5557.5	5327.5	5079.1	4808.4	4475.4	4139.3	3803.2	3467.3	3107.6	2768.7	2430.1
-5°	5042.5	4821.6	4596.2	4361.9	4103.2	3840.0	3574.3	3296.9	2994.8	2701.7	2399.9
-7.5°	4225.7	4150.5	4054.8	3884.1	3670.7	3450.7	3220.4	2979.7	2723.3	2468.8	2204.3
-10°	3327.8	3300.0	3272.0	3225.5	3149.0	3040.3	2858.7	2657.0	2447.0	2228.8	2002.4
-12.5°	2638.8	2600.3	2504.0	2539.4	2529.4	2492.8	2418.1	2310.7	2170.1	1985.2	1798.8
-15°	2045.2	2071.4	2048.6	1980.9	1940.9	1971.1	1956.3	1907.5	1839.8	1725.6	1596.2
-17.5°	1683.4	1637.8	1629.9	1607.7	1565.7	1498.9	1524.2	1533.0	1510.7	1448.3	1372.2
-20°	1347.9	1330.5	1292.6	1278.5	1271.3	1237.2	1187.7	1182.7	1206.1	1194.1	1157.9



REPORT NUMBER: P558574 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1068.2	1058.2	1047.2	1014.2	1006.2	1008.5	988.8	952.1	929.8	958.4	959.3
-25°	860.2	833.0	839.7	833.9	807.6	802.7	810.9	801.8	776.4	749.1	779.2
-27.5°	694.6	685.0	671.6	680.1	672.2	653.9	659.5	667.5	660.5	642.4	620.9
-30°	564.5	567.8	560.5	556.8	563.6	556.0	540.3	556.3	562.3	554.8	535.9
-32.5°	469.0	475.7	475.0	469.1	473.0	475.2	472.2	461.3	475.2	478.9	470.4
-35°	404.9	403.7	407.8	406.5	400.3	410.6	412.0	405.5	403.2	412.9	412.4
-37.5°	353.7	350.2	354.5	355.5	353.9	355.9	360.4	359.5	353.4	358.7	363.4
-40°	313.1	311.3	311.8	315.2	315.7	312.2	318.6	320.1	318.7	313.3	320.9
-42.5°	281.2	280.9	278.6	282.2	283.4	282.7	283.4	287.4	287.5	284.6	284.8
-45°	255.8	256.0	254.0	254.3	256.3	256.8	254.7	258.5	259.9	258.6	254.5
-47.5°	234.8	234.8	232.8	230.4	233.3	233.9	232.8	233.0	235.2	234.6	232.3
-50°	216.8	216.4	214.8	212.1	212.9	213.5	212.7	210.0	212.5	213.1	211.3
-52.5°	200.8	200.0	198.5	195.7	194.4	195.2	194.1	192.0	192.4	193.0	191.5
-55°	187.1	185.3	183.6	181.1	178.1	178.4	177.4	175.3	173.3	173.9	173.0
-57.5°	173.8	171.4	169.3	166.6	163.3	162.3	161.1	158.9	155.7	156.2	155.4
-60°	159.7	157.0	154.7	151.9	148.7	146.6	145.4	143.2	140.1	139.4	139.0
-62.5°	145.0	141.9	139.8	137.3	134.3	131.5	130.1	128.1	125.4	123.5	123.2
-65°	130.3	127.7	125.5	122.9	119.8	116.5	115.1	113.3	111.0	108.5	108.1
-67.5°	115.3	112.9	110.5	108.0	105.3	102.2	100.7	99.0	97.1	94.8	94.2
-70°	99.9	97.8	95.7	93.5	91.1	88.6	87.1	85.8	84.1	81.9	80.5
-72.5°	84.4	82.7	80.9	79.2	77.5	75.5	74.0	72.6	70.7	68.5	67.0
-75°	69.0	67.7	66.4	65.1	63.7	62.2	60.7	59.3	57.7	55.8	54.3
-77.5°	53.8	53.1	52.2	51.2	50.1	48.8	47.5	46.3	45.0	43.6	42.3
-80°	40.0	39.6	39.0	38.3	37.4	36.3	35.1	34.2	33.2	32.1	31.4
-82.5°	27.9	27.6	27.3	26.6	25.8	25.0	24.2	23.8	23.3	22.7	22.1
-85°	16.4	16.2	15.9	15.7	15.4	15.2	14.9	14.7	14.4	14.0	13.5
-87.5°	6.3	6.4	6.3	6.5	6.7	6.9	7.0	6.7	6.5	6.3	6.0
-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: P558574 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	5.8	5.6	5.4	5.2	4.9	4.6	4.3	4.0	3.7	3.4	3.1
85°	13.0	12.4	11.8	11.0	10.2	9.2	8.7	8.0	7.5	6.8	6.2
82.5°	21.5	20.8	20.0	19.1	18.3	17.2	15.9	14.3	12.5	10.5	9.2
80°	31.1	30.5	29.5	28.1	26.8	25.2	23.7	21.8	19.5	17.0	14.2
77.5°	41.8	40.9	39.6	38.2	36.5	34.4	32.2	29.5	26.6	23.5	20.1
75°	53.4	52.4	50.9	49.0	46.5	43.7	40.9	37.8	34.2	30.1	25.9
72.5°	66.0	64.6	62.6	60.0	57.1	53.8	50.0	46.1	42.1	37.4	32.0
70°	79.2	77.2	74.9	72.1	68.4	63.9	59.6	55.2	50.1	44.8	38.8
67.5°	92.8	90.6	87.7	84.6	80.7	75.7	69.5	64.6	59.1	52.2	45.5
65°	106.9	104.4	100.9	97.8	93.4	87.9	81.3	74.6	68.1	60.8	52.3
62.5°	121.7	119.0	115.6	111.6	106.6	100.5	93.2	86.1	77.6	69.3	59.8
60°	137.4	134.4	130.9	126.6	120.6	113.4	106.0	97.7	88.4	77.9	67.6
57.5°	153.6	150.3	147.5	142.5	135.7	127.2	119.2	110.2	99.2	87.6	75.5
55°	170.4	167.4	164.8	159.4	151.5	142.0	133.6	123.4	110.4	97.4	83.3
52.5°	188.4	186.3	183.1	177.2	168.5	158.3	150.0	136.9	123.1	107.3	92.0
50°	207.4	207.3	203.2	196.0	186.1	177.7	167.2	153.0	136.0	117.7	100.9
47.5°	230.8	230.4	225.6	216.2	204.8	198.5	186.6	169.9	149.1	129.5	109.9
45°	257.3	255.5	249.6	239.1	228.9	222.1	207.7	187.5	165.1	141.7	118.9
42.5°	286.8	283.6	275.4	263.1	259.0	248.2	229.8	207.5	181.5	153.8	128.8
40°	321.3	314.6	303.2	297.0	292.7	276.5	255.4	228.6	198.2	166.8	139.3
37.5°	359.4	349.6	334.4	339.1	330.2	310.2	282.7	250.3	215.7	181.6	149.7
35°	404.1	388.6	389.0	388.3	373.2	346.2	311.5	273.8	235.1	196.2	160.0
32.5°	453.0	448.9	455.8	444.7	420.1	384.4	343.7	299.7	254.8	210.8	170.0
30°	522.3	538.9	531.6	506.7	472.1	428.2	378.2	326.2	274.6	225.2	180.4
27.5°	641.9	641.3	616.9	578.3	530.3	474.7	413.2	353.1	294.5	240.3	192.1
25°	776.9	757.5	715.5	657.1	592.0	521.2	448.7	380.5	316.1	256.6	203.5
22.5°	931.1	884.1	822.4	741.0	653.1	569.1	486.6	410.4	338.5	272.5	214.5
20°	1097.8	1019.1	934.3	823.3	719.0	621.2	526.6	440.0	360.5	288.1	225.1
17.5°	1276.4	1158.5	1040.8	912.4	788.2	673.7	566.6	469.2	382.1	303.1	235.1
15°	1449.3	1297.8	1150.5	1002.2	857.7	726.2	606.1	497.6	403.0	317.5	243.0
12.5°	1619.8	1439.1	1261.8	1091.5	926.6	777.9	644.7	525.1	423.0	327.8	248.2
10°	1790.0	1580.2	1372.9	1179.2	994.1	828.2	681.9	546.5	432.4	334.3	252.4
7.5°	1957.6	1719.3	1482.2	1264.2	1052.3	861.2	697.8	556.2	438.6	339.7	255.8
5°	2094.4	1810.0	1531.9	1289.4	1068.6	874.2	707.6	563.7	442.9	343.7	258.2
2.5°	2112.9	1824.9	1539.3	1299.4	1079.5	883.2	714.1	568.9	445.3	346.4	259.8
0°	2120.0	1829.7	1538.4	1302.4	1084.9	887.9	717.3	571.7	445.9	347.7	260.4
-2.5°	2112.9	1824.9	1539.3	1299.4	1079.5	883.2	714.1	568.9	445.3	346.4	259.8
-5°	2094.4	1810.0	1531.9	1289.4	1068.6	874.2	707.6	563.7	442.9	343.7	258.2
-7.5°	1957.6	1719.3	1482.2	1264.2	1052.3	861.2	697.8	556.2	438.6	339.7	255.8
-10°	1790.0	1580.2	1372.9	1179.2	994.1	828.2	681.9	546.5	432.4	334.3	252.4
-12.5°	1619.8	1439.1	1261.8	1091.5	926.6	777.9	644.7	525.1	423.0	327.8	248.2
-15°	1449.3	1297.8	1150.5	1002.2	857.7	726.2	606.1	497.6	403.0	317.5	243.0
-17.5°	1276.4	1158.5	1040.8	912.4	788.2	673.7	566.6	469.2	382.1	303.1	235.1
-20°	1097.8	1019.1	934.3	823.3	719.0	621.2	526.6	440.0	360.5	288.1	225.1



REPORT NUMBER: P558574 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	931.1	884.1	822.4	741.0	653.1	569.1	486.6	410.4	338.5	272.5	214.5
-25°	776.9	757.5	715.5	657.1	592.0	521.2	448.7	380.5	316.1	256.6	203.5
-27.5°	641.9	641.3	616.9	578.3	530.3	474.7	413.2	353.1	294.5	240.3	192.1
-30°	522.3	538.9	531.6	506.7	472.1	428.2	378.2	326.2	274.6	225.2	180.4
-32.5°	453.0	448.9	455.8	444.7	420.1	384.4	343.7	299.7	254.8	210.8	170.0
-35°	404.1	388.6	389.0	388.3	373.2	346.2	311.5	273.8	235.1	196.2	160.0
-37.5°	359.4	349.6	334.4	339.1	330.2	310.2	282.7	250.3	215.7	181.6	149.7
-40°	321.3	314.6	303.2	297.0	292.7	276.5	255.4	228.6	198.2	166.8	139.3
-42.5°	286.8	283.6	275.4	263.1	259.0	248.2	229.8	207.5	181.5	153.8	128.8
-45°	257.3	255.5	249.6	239.1	228.9	222.1	207.7	187.5	165.1	141.7	118.9
-47.5°	230.8	230.4	225.6	216.2	204.8	198.5	186.6	169.9	149.1	129.5	109.9
-50°	207.4	207.3	203.2	196.0	186.1	177.7	167.2	153.0	136.0	117.7	100.9
-52.5°	188.4	186.3	183.1	177.2	168.5	158.3	150.0	136.9	123.1	107.3	92.0
-55°	170.4	167.4	164.8	159.4	151.5	142.0	133.6	123.4	110.4	97.4	83.3
-57.5°	153.6	150.3	147.5	142.5	135.7	127.2	119.2	110.2	99.2	87.6	75.5
-60°	137.4	134.4	130.9	126.6	120.6	113.4	106.0	97.7	88.4	77.9	67.6
-62.5°	121.7	119.0	115.6	111.6	106.6	100.5	93.2	86.1	77.6	69.3	59.8
-65°	106.9	104.4	100.9	97.8	93.4	87.9	81.3	74.6	68.1	60.8	52.3
-67.5°	92.8	90.6	87.7	84.6	80.7	75.7	69.5	64.6	59.1	52.2	45.5
-70°	79.2	77.2	74.9	72.1	68.4	63.9	59.6	55.2	50.1	44.8	38.8
-72.5°	66.0	64.6	62.6	60.0	57.1	53.8	50.0	46.1	42.1	37.4	32.0
-75°	53.4	52.4	50.9	49.0	46.5	43.7	40.9	37.8	34.2	30.1	25.9
-77.5°	41.8	40.9	39.6	38.2	36.5	34.4	32.2	29.5	26.6	23.5	20.1
-80°	31.1	30.5	29.5	28.1	26.8	25.2	23.7	21.8	19.5	17.0	14.2
-82.5°	21.5	20.8	20.0	19.1	18.3	17.2	15.9	14.3	12.5	10.5	9.2
-85°	13.0	12.4	11.8	11.0	10.2	9.2	8.7	8.0	7.5	6.8	6.2
-87.5°	5.8	5.6	5.4	5.2	4.9	4.6	4.3	4.0	3.7	3.4	3.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	2.7	2.4	2.0	1.6	1.1	0.6	0.0
85°	5.4	4.8	4.1	3.2	2.3	1.1	0.0
82.5°	8.2	7.2	6.1	4.8	3.4	1.7	0.0
80°	11.2	9.6	8.1	6.4	4.5	2.3	0.0
77.5°	16.4	12.8	10.2	8.0	5.6	2.8	0.0
75°	21.6	17.3	12.5	9.6	6.7	3.4	0.0
72.5°	26.8	21.8	16.2	11.2	7.8	3.9	0.0
70°	32.1	26.2	19.9	13.0	8.9	4.4	0.0
67.5°	38.2	30.7	23.5	15.8	9.9	5.0	0.0
65°	44.3	35.5	27.1	18.6	11.0	5.5	0.0
62.5°	50.3	40.7	30.7	21.3	12.0	6.0	0.0
60°	56.3	45.8	34.2	24.0	13.0	6.5	0.0
57.5°	63.0	50.9	38.3	26.7	14.7	7.0	0.0
55°	69.9	55.9	42.5	29.3	16.5	7.5	0.0
52.5°	76.6	61.0	46.5	31.8	18.1	7.9	0.0
50°	83.2	66.6	50.5	34.2	19.8	8.4	0.0
47.5°	89.9	72.0	54.3	36.8	21.3	8.8	0.0
45°	97.6	77.3	58.1	39.6	22.9	9.2	0.0
42.5°	105.3	82.5	61.8	42.4	24.3	9.6	0.0
40°	112.9	87.6	65.6	45.0	25.7	10.0	0.0
37.5°	120.5	92.5	69.5	47.4	27.1	10.3	0.0
35°	127.9	98.1	73.2	49.6	28.3	10.6	0.0
32.5°	135.5	103.9	76.8	51.7	29.5	11.0	0.0
30°	143.6	109.5	80.2	53.6	30.7	11.3	0.0
27.5°	151.4	114.9	83.0	55.4	31.7	11.5	0.0
25°	158.9	120.1	85.6	57.0	32.7	11.8	0.0
22.5°	166.1	124.8	88.1	58.5	33.6	12.0	0.0
20°	173.0	128.3	90.3	59.8	34.4	12.2	0.0
17.5°	178.1	131.4	92.3	60.9	35.2	12.4	0.0
15°	181.9	134.1	94.1	61.9	35.8	12.6	0.0
12.5°	185.2	136.3	95.7	62.7	36.4	12.7	0.0
10°	188.0	138.1	97.0	63.3	36.9	12.8	0.0
7.5°	190.1	139.5	98.1	63.8	37.3	12.9	0.0
5°	191.7	140.5	98.9	64.1	37.6	13.0	0.0
2.5°	192.6	141.1	99.5	64.3	37.8	13.0	0.0
0°	193.0	141.2	99.8	64.3	37.9	13.0	0.0
-2.5°	192.6	141.1	99.5	64.3	37.8	13.0	0.0
-5°	191.7	140.5	98.9	64.1	37.6	13.0	0.0
-7.5°	190.1	139.5	98.1	63.8	37.3	12.9	0.0
-10°	188.0	138.1	97.0	63.3	36.9	12.8	0.0
-12.5°	185.2	136.3	95.7	62.7	36.4	12.7	0.0
-15°	181.9	134.1	94.1	61.9	35.8	12.6	0.0
-17.5°	178.1	131.4	92.3	60.9	35.2	12.4	0.0
-20°	173.0	128.3	90.3	59.8	34.4	12.2	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	166.1	124.8	88.1	58.5	33.6	12.0	0.0
-25°	158.9	120.1	85.6	57.0	32.7	11.8	0.0
-27.5°	151.4	114.9	83.0	55.4	31.7	11.5	0.0
-30°	143.6	109.5	80.2	53.6	30.7	11.3	0.0
-32.5°	135.5	103.9	76.8	51.7	29.5	11.0	0.0
-35°	127.9	98.1	73.2	49.6	28.3	10.6	0.0
-37.5°	120.5	92.5	69.5	47.4	27.1	10.3	0.0
-40°	112.9	87.6	65.6	45.0	25.7	10.0	0.0
-42.5°	105.3	82.5	61.8	42.4	24.3	9.6	0.0
-45°	97.6	77.3	58.1	39.6	22.9	9.2	0.0
-47.5°	89.9	72.0	54.3	36.8	21.3	8.8	0.0
-50°	83.2	66.6	50.5	34.2	19.8	8.4	0.0
-52.5°	76.6	61.0	46.5	31.8	18.1	7.9	0.0
-55°	69.9	55.9	42.5	29.3	16.5	7.5	0.0
-57.5°	63.0	50.9	38.3	26.7	14.7	7.0	0.0
-60°	56.3	45.8	34.2	24.0	13.0	6.5	0.0
-62.5°	50.3	40.7	30.7	21.3	12.0	6.0	0.0
-65°	44.3	35.5	27.1	18.6	11.0	5.5	0.0
-67.5°	38.2	30.7	23.5	15.8	9.9	5.0	0.0
-70°	32.1	26.2	19.9	13.0	8.9	4.4	0.0
-72.5°	26.8	21.8	16.2	11.2	7.8	3.9	0.0
-75°	21.6	17.3	12.5	9.6	6.7	3.4	0.0
-77.5°	16.4	12.8	10.2	8.0	5.6	2.8	0.0
-80°	11.2	9.6	8.1	6.4	4.5	2.3	0.0
-82.5°	8.2	7.2	6.1	4.8	3.4	1.7	0.0
-85°	5.4	4.8	4.1	3.2	2.3	1.1	0.0
-87.5°	2.7	2.4	2.0	1.6	1.1	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)