

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: P558570 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-930-U-WAF-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558570 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-8)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1D-930-U-WAF-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (16) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

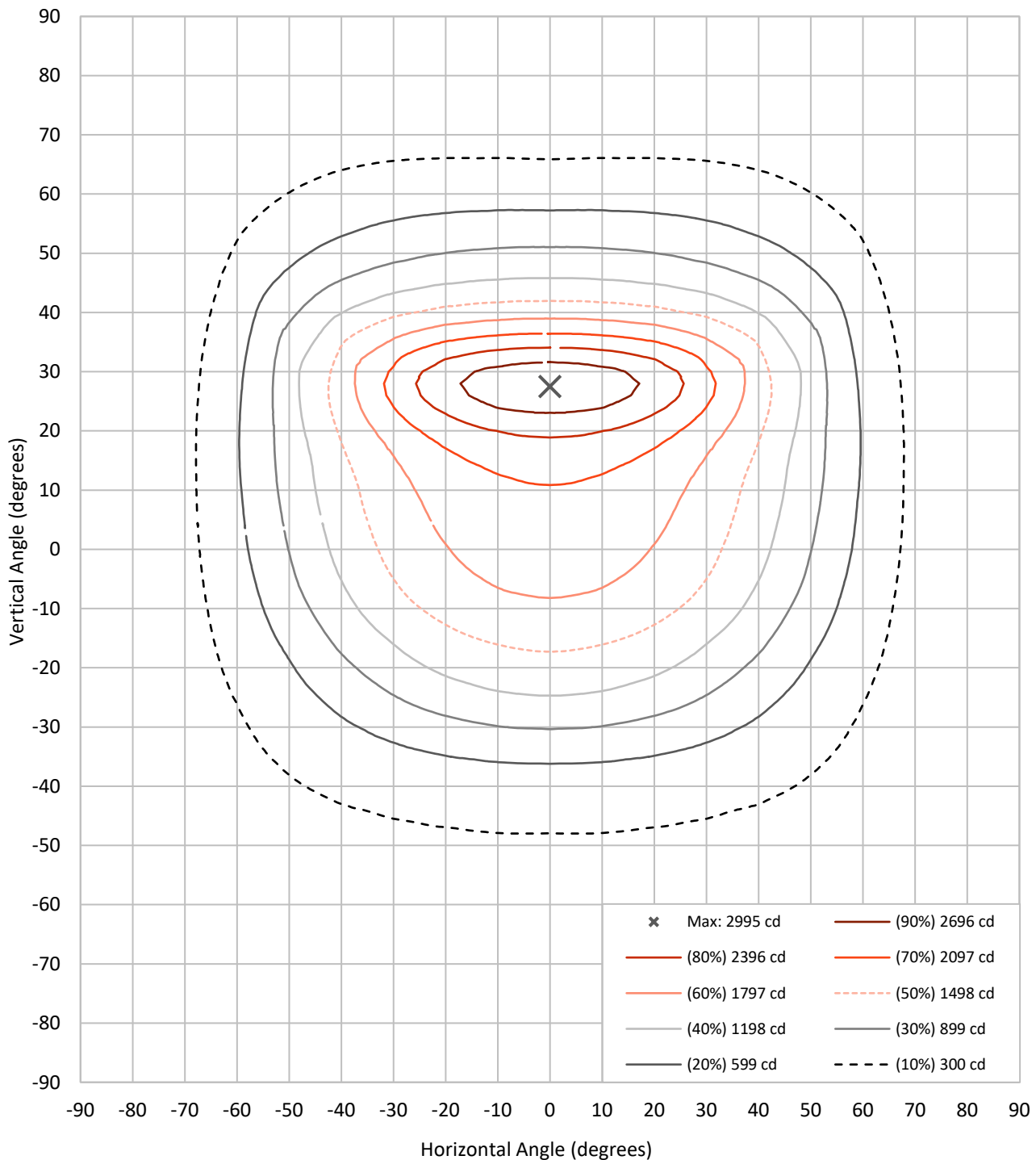
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	4366.1 lumens	Max Intensity:	2995 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	79.4 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	85°H x 59.2°V	Field Angle (10%):	134.5°H x 113.8°V
Beam Lumens:	2264.5 lumens	Field Lumens:	4039.1 lumens
Beam Efficiency:	51.9%	Field Efficiency:	92.5%
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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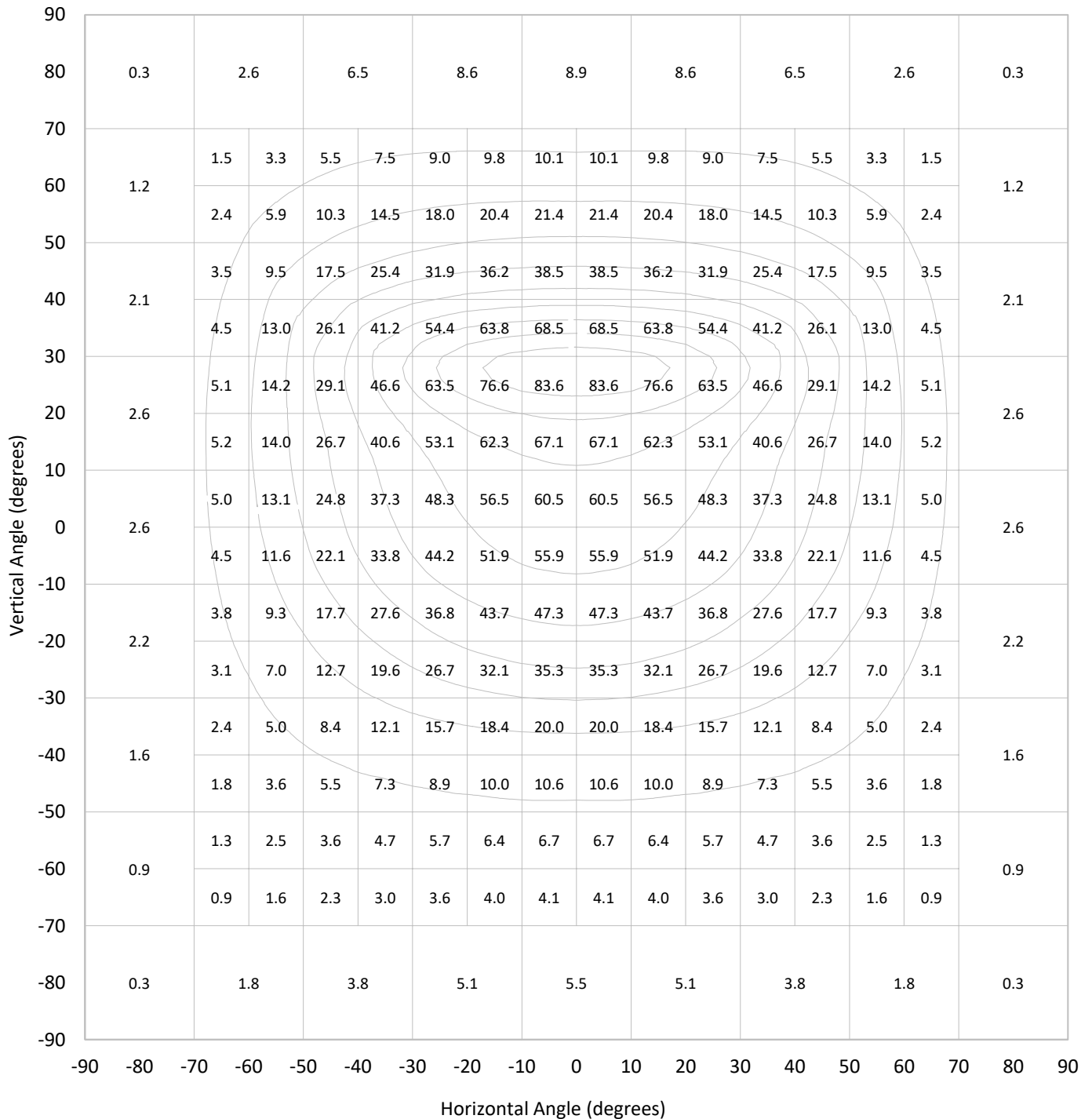
Iso-Candela Plot





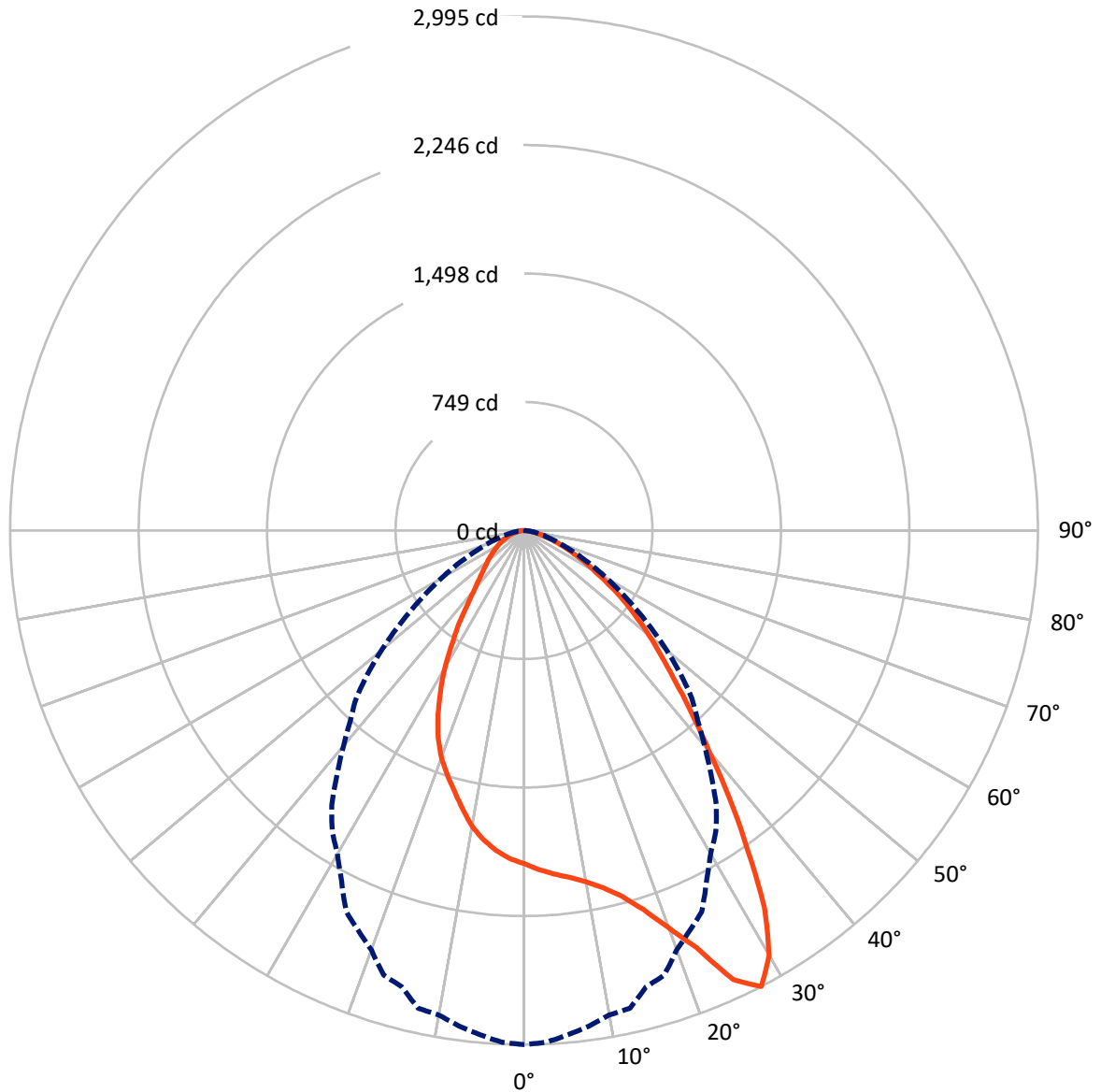
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Lumen Table



REPORT NUMBER: P558570 (CONVERTED FROM TYPE C PHOTOMETRY)
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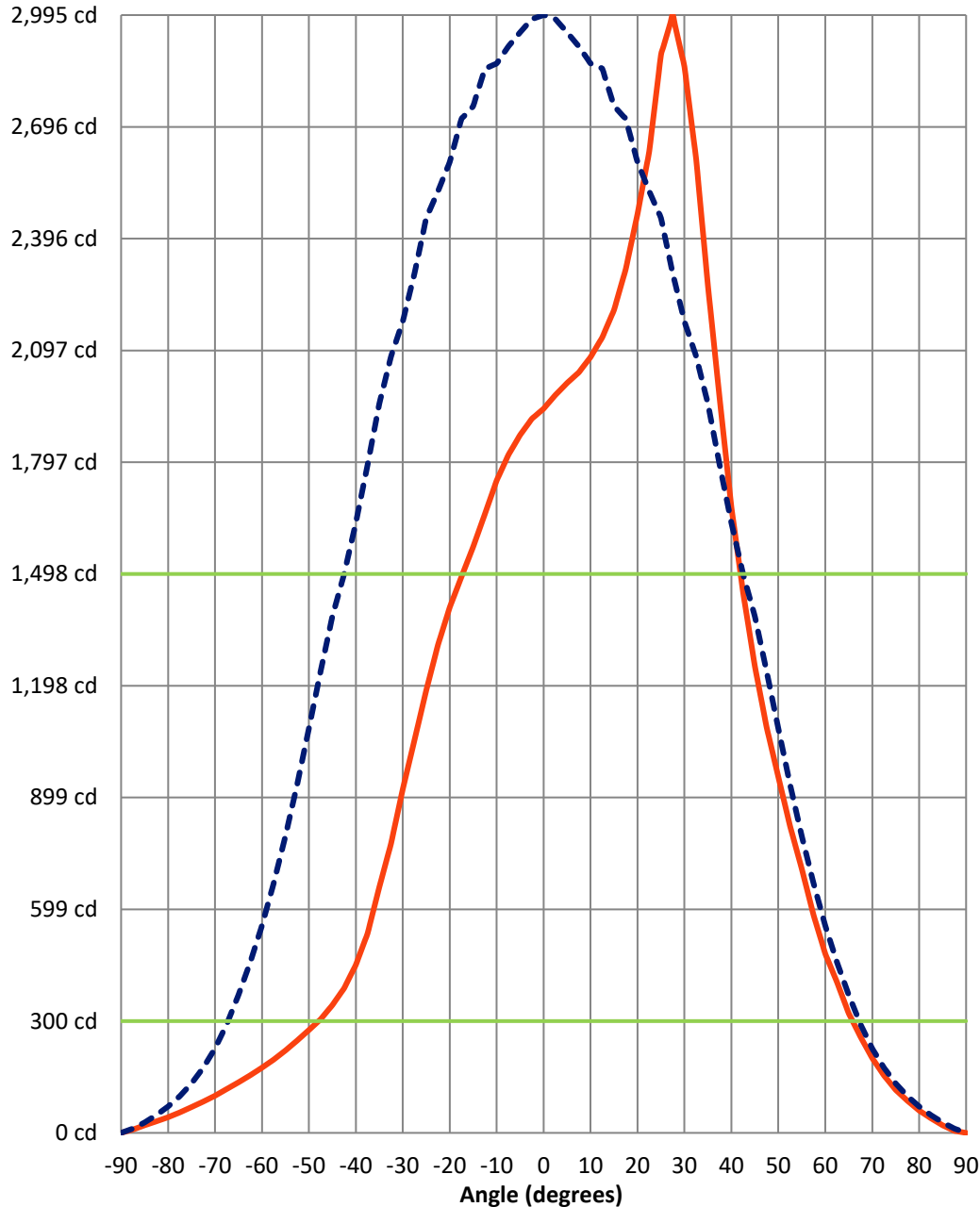
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 27.5-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 85°
 V Angle: 59.2°
 Lumens: 2264.5
 Efficiency: 51.9%

Field:
 H Angle: 134.5°
 V Angle: 113.8°
 Lumens: 4039.1
 Efficiency: 92.5%

Spill:
 Lumens: 327.1
 Efficiency: 7.5%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 27.5-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	0.6	1.2	1.7	2.3	2.8	3.3	3.8	4.3	4.8	5.2
85°	0.0	1.1	2.3	3.5	4.6	5.6	6.7	7.7	8.6	9.6	10.5
82.5°	0.0	1.7	3.5	5.2	6.8	8.4	10.0	11.5	13.2	16.1	19.1
80°	0.0	2.3	4.6	6.9	9.1	11.2	13.6	17.4	21.3	25.4	29.7
77.5°	0.0	2.8	5.8	8.6	11.3	14.6	19.3	24.2	29.3	34.7	40.9
75°	0.0	3.4	6.9	10.3	13.8	19.2	25.0	31.0	37.5	45.6	54.0
72.5°	0.0	3.9	8.0	12.0	17.3	23.7	30.5	38.2	47.5	57.1	66.9
70°	0.0	4.5	9.1	13.8	20.7	28.1	36.2	46.6	57.4	68.4	81.3
67.5°	0.0	5.0	10.2	16.2	24.0	32.4	43.1	55.0	67.1	81.4	95.9
65°	0.0	5.5	11.3	18.6	27.3	37.2	49.8	63.1	78.3	94.1	111.0
62.5°	0.0	6.1	12.3	20.9	30.5	42.4	56.3	72.2	89.3	107.0	127.6
60°	0.0	6.6	13.3	23.2	33.6	47.5	62.6	81.4	99.9	121.2	143.6
57.5°	0.0	7.0	14.7	25.3	37.3	52.3	69.6	90.3	111.5	134.9	162.0
55°	0.0	7.5	16.1	27.5	40.9	56.9	76.5	98.6	123.0	148.7	180.8
52.5°	0.0	8.0	17.5	29.5	44.3	61.5	83.0	107.4	134.0	164.2	198.5
50°	0.0	8.4	18.7	31.4	47.6	66.4	89.1	115.7	145.0	178.8	219.7
47.5°	0.0	8.8	20.0	33.4	50.7	71.1	94.9	123.5	156.9	192.3	239.8
45°	0.0	9.2	21.2	35.6	53.6	75.5	101.0	130.7	167.2	208.7	258.4
42.5°	0.0	9.6	22.3	37.6	56.4	79.5	106.6	138.3	176.6	223.8	279.3
40°	0.0	10.0	23.4	39.6	59.1	83.3	111.8	145.8	186.1	237.4	298.9
37.5°	0.0	10.4	24.4	41.5	61.9	86.6	116.4	152.7	196.4	249.8	316.4
35°	0.0	10.7	25.4	43.2	64.4	90.0	120.5	158.9	205.5	262.9	332.9
32.5°	0.0	11.0	26.3	44.8	66.7	93.2	124.5	164.3	213.3	274.2	347.6
30°	0.0	11.3	27.1	46.3	68.8	96.0	128.7	169.4	219.9	283.6	359.9
27.5°	0.0	11.5	27.9	47.6	70.7	98.4	132.4	174.6	226.0	291.1	369.6
25°	0.0	11.8	28.6	48.9	72.4	100.4	135.5	178.9	232.0	298.0	376.8
22.5°	0.0	12.0	29.2	50.0	73.9	102.2	138.0	182.2	236.5	303.6	383.1
20°	0.0	12.2	29.8	50.9	75.1	103.9	140.0	184.6	239.5	307.2	387.1
17.5°	0.0	12.4	30.3	51.8	76.1	105.3	141.8	186.1	241.2	308.9	389.0
15°	0.0	12.5	30.7	52.5	76.8	106.5	143.2	187.2	241.5	308.7	388.7
12.5°	0.0	12.6	31.1	53.0	77.4	107.3	144.1	187.9	241.5	306.9	386.4
10°	0.0	12.7	31.4	53.5	77.7	107.8	144.4	188.0	241.2	306.0	382.9
7.5°	0.0	12.8	31.6	53.8	77.8	108.0	144.3	187.3	239.7	304.0	379.0
5°	0.0	12.9	31.7	53.9	77.7	108.0	143.6	186.0	237.3	300.8	373.2
2.5°	0.0	12.9	31.8	54.0	77.4	107.6	142.5	184.1	234.0	296.3	365.7
0°	0.0	12.9	31.8	53.9	76.9	106.9	141.0	181.5	229.9	290.7	356.6
-2.5°	0.0	12.9	31.7	53.7	76.5	105.9	139.4	178.8	225.8	284.5	347.5
-5°	0.0	12.9	31.6	53.3	76.0	104.6	137.4	175.6	221.0	277.2	337.1
-7.5°	0.0	12.9	31.4	52.8	75.3	103.0	135.0	172.0	215.6	269.0	325.8
-10°	0.0	12.8	31.1	52.2	74.4	101.3	132.3	167.8	209.6	260.1	313.5
-12.5°	0.0	12.7	30.7	51.5	73.3	99.3	129.3	163.3	203.0	250.6	301.5
-15°	0.0	12.6	30.3	50.6	72.1	97.1	125.9	158.4	196.2	241.1	289.2
-17.5°	0.0	12.5	29.8	49.7	70.7	94.7	122.3	153.5	189.5	231.2	276.3
-20°	0.0	12.3	29.3	48.6	69.2	92.1	118.5	148.6	182.4	220.9	262.9



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 CATALOG NUMBER: GFLD-SA1D-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	12.2	28.7	47.5	67.5	89.4	114.7	143.2	174.9	210.2	249.0
-25°	0.0	12.0	28.1	46.2	65.6	86.7	110.7	137.6	167.2	199.2	234.9
-27.5°	0.0	11.7	27.3	44.9	63.6	83.9	106.5	131.7	159.3	188.5	221.4
-30°	0.0	11.5	26.6	43.4	61.5	80.9	102.1	125.5	151.7	178.8	208.0
-32.5°	0.0	11.2	25.8	41.9	59.3	77.8	97.5	119.7	144.1	169.1	194.7
-35°	0.0	10.9	24.9	40.3	56.9	74.4	93.2	114.0	136.3	159.3	181.5
-37.5°	0.0	10.6	24.0	38.7	54.5	71.1	89.0	108.1	128.2	149.6	170.6
-40°	0.0	10.2	23.1	36.9	52.0	67.9	84.6	102.2	120.0	140.2	160.2
-42.5°	0.0	9.9	22.1	35.1	49.5	64.6	80.1	96.2	112.6	131.0	149.7
-45°	0.0	9.5	21.0	33.2	47.0	61.2	75.4	90.3	105.6	121.9	139.1
-47.5°	0.0	9.1	20.0	31.3	44.4	57.6	70.7	84.8	98.7	112.7	129.0
-50°	0.0	8.6	18.9	29.6	41.7	54.0	66.3	79.1	91.8	105.0	118.9
-52.5°	0.0	8.2	17.7	27.8	39.0	50.4	61.9	73.3	85.2	97.2	109.0
-55°	0.0	7.7	16.5	26.1	36.1	46.8	57.5	67.5	78.5	89.2	100.2
-57.5°	0.0	7.2	15.3	24.3	33.2	43.2	53.0	62.3	71.8	81.6	91.3
-60°	0.0	6.8	14.1	22.4	30.3	39.5	48.4	57.1	65.2	74.0	82.6
-62.5°	0.0	6.2	13.0	20.5	27.7	35.8	44.0	51.8	59.2	66.4	74.2
-65°	0.0	5.7	12.0	18.6	25.2	31.9	39.5	46.5	53.2	59.5	65.8
-67.5°	0.0	5.2	10.9	16.6	22.6	28.4	34.9	41.3	47.1	52.7	58.1
-70°	0.0	4.6	9.7	14.6	19.9	25.1	30.2	36.0	41.2	45.9	50.7
-72.5°	0.0	4.1	8.6	12.8	17.3	21.8	26.2	30.6	35.3	39.6	43.3
-75°	0.0	3.5	7.4	11.0	14.6	18.5	22.3	25.9	29.4	33.2	36.6
-77.5°	0.0	2.9	6.2	9.2	12.1	15.1	18.3	21.4	24.3	27.1	29.8
-80°	0.0	2.4	5.0	7.4	9.7	12.0	14.3	16.8	19.2	21.5	23.6
-82.5°	0.0	1.8	3.7	5.5	7.3	9.0	10.7	12.4	14.2	15.9	17.6
-85°	0.0	1.2	2.5	3.7	4.9	6.0	7.1	8.3	9.4	10.6	11.7
-87.5°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.1	4.7	5.3	5.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA1D-930-U-WAF-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°	5.5	5.8	5.9	6.1	6.3	6.5	6.7	6.9	7.0	7.1	7.2
85°	11.0	11.5	12.9	14.2	15.5	16.8	17.9	18.9	19.6	20.3	20.8
82.5°	21.6	23.9	26.1	28.2	30.0	31.7	33.4	35.2	36.7	37.9	39.0
80°	33.2	36.3	40.1	43.7	47.0	50.0	52.7	55.1	57.0	58.9	60.7
77.5°	46.6	51.7	56.5	60.9	65.1	70.1	74.6	78.8	82.0	84.5	86.4
75°	61.1	67.1	74.1	80.9	87.4	93.3	99.1	106.1	111.8	116.1	119.5
72.5°	76.5	85.2	93.7	101.9	111.4	120.6	129.5	138.1	145.7	151.3	155.8
70°	93.1	103.3	115.0	126.8	138.2	149.8	162.1	173.3	182.6	189.1	195.4
67.5°	110.2	124.4	138.2	152.5	168.6	183.3	196.8	211.0	223.5	231.7	238.9
65°	129.8	145.7	164.2	183.1	200.8	219.2	236.2	251.6	267.4	278.8	288.3
62.5°	148.8	171.2	193.0	215.1	237.3	257.3	279.5	299.3	315.2	331.6	345.7
60°	171.4	197.9	224.7	251.3	276.2	304.2	328.6	351.6	372.9	391.1	408.4
57.5°	193.8	228.1	259.8	291.0	324.0	354.0	382.6	408.4	433.7	454.9	475.6
55°	217.5	261.6	298.1	336.7	373.0	406.9	439.0	471.3	498.3	527.5	552.9
52.5°	243.7	294.1	341.3	383.8	424.7	463.8	502.2	541.1	579.0	609.3	638.0
50°	268.2	328.3	385.1	433.6	480.6	527.0	575.0	623.6	665.4	700.0	729.9
47.5°	295.2	360.1	432.2	485.9	542.3	599.8	658.1	711.7	757.3	804.4	837.4
45°	321.5	392.2	470.5	545.0	610.2	679.8	744.1	803.3	869.3	920.7	964.8
42.5°	345.5	422.7	509.8	604.6	686.2	760.9	830.5	913.7	989.6	1049.6	1104.6
40°	370.2	450.3	545.5	660.0	761.9	841.7	926.4	1018.4	1117.1	1191.0	1256.8
37.5°	392.8	478.7	578.2	702.3	836.5	924.2	1017.8	1117.6	1230.2	1341.4	1420.4
35°	412.8	502.7	610.7	736.7	874.1	1004.2	1103.2	1209.4	1332.7	1476.9	1584.8
32.5°	430.9	522.3	636.4	763.5	902.9	1055.4	1181.0	1290.1	1413.8	1562.6	1745.8
30°	445.7	541.3	655.6	782.9	922.7	1074.6	1234.1	1353.0	1470.3	1616.4	1786.9
27.5°	456.9	555.2	668.8	795.0	933.3	1083.5	1236.9	1383.6	1497.2	1634.6	1789.7
25°	465.5	566.6	675.8	799.5	934.8	1079.6	1227.2	1366.1	1493.5	1614.7	1753.9
22.5°	472.6	574.5	683.5	796.4	927.8	1065.7	1204.5	1336.9	1460.3	1573.7	1693.5
20°	478.0	579.5	687.3	799.4	916.0	1043.1	1175.9	1301.9	1421.0	1530.9	1628.3
17.5°	480.4	581.0	687.3	798.9	914.0	1025.2	1140.8	1261.9	1379.1	1488.2	1584.4
15°	479.9	579.1	683.6	794.6	908.0	1018.2	1124.7	1224.5	1333.7	1444.0	1539.9
12.5°	476.8	573.8	676.1	786.6	898.2	1007.1	1111.7	1212.0	1309.8	1402.2	1493.9
10°	471.0	565.5	665.2	775.0	884.7	992.0	1095.3	1195.9	1292.7	1383.4	1468.8
7.5°	465.0	556.1	652.1	759.8	867.6	973.0	1075.3	1176.1	1271.0	1361.6	1447.8
5°	457.2	546.2	642.0	745.2	849.1	952.0	1052.1	1152.4	1244.8	1336.2	1422.7
2.5°	447.3	533.8	629.4	727.6	828.5	930.2	1027.0	1125.4	1220.2	1308.0	1393.2
0°	435.4	519.2	614.1	706.7	804.4	904.8	997.9	1094.1	1192.7	1275.7	1359.0
-2.5°	422.4	501.7	591.8	684.0	778.4	876.9	972.3	1063.5	1160.0	1243.8	1329.0
-5°	407.9	482.4	567.3	658.4	749.3	845.3	942.6	1029.3	1121.4	1204.3	1288.1
-7.5°	391.9	461.5	540.7	629.6	716.3	806.8	898.9	982.4	1071.9	1153.9	1235.5
-10°	375.2	441.0	514.8	597.1	678.8	763.2	849.7	931.4	1017.5	1099.1	1177.6
-12.5°	359.1	420.7	488.2	563.0	639.2	717.2	797.6	876.6	958.2	1040.2	1113.6
-15°	342.3	399.3	460.7	527.7	597.9	669.3	743.1	817.9	894.5	974.7	1042.5
-17.5°	324.9	377.2	432.6	491.6	555.1	619.7	687.7	759.8	829.9	903.0	968.6
-20°	307.0	354.4	404.3	455.2	511.6	573.5	637.1	701.8	765.5	829.2	890.7



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 CATALOG NUMBER: GFLD-SA1D-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	289.0	331.1	376.5	421.3	474.9	530.9	586.6	642.8	700.0	754.8	813.0
-25°	271.5	309.5	349.6	393.1	439.2	488.5	536.4	583.8	634.5	686.0	736.1
-27.5°	254.7	288.2	326.0	364.8	403.2	447.1	489.0	529.3	573.5	618.9	659.4
-30°	237.8	269.6	302.8	337.2	371.0	407.6	443.8	479.2	515.2	554.0	589.1
-32.5°	222.1	251.2	281.4	311.6	340.2	368.7	402.1	433.5	463.0	490.6	521.3
-35°	207.9	234.5	260.7	286.7	310.3	335.4	363.4	389.8	413.4	435.6	459.0
-37.5°	194.4	218.1	240.2	263.4	284.4	305.8	326.5	349.3	368.5	386.2	405.4
-40°	180.9	202.0	221.9	241.4	260.6	278.5	296.1	311.6	327.1	344.1	357.3
-42.5°	167.6	187.2	205.0	219.9	238.1	253.5	267.2	280.1	292.7	306.0	316.5
-45°	155.8	172.6	188.8	203.1	216.7	229.8	241.4	251.5	263.5	272.7	280.7
-47.5°	144.0	158.5	173.3	186.5	197.8	208.5	217.1	227.3	237.1	245.0	249.7
-50°	132.3	145.6	158.1	170.4	180.7	189.3	196.7	205.1	213.2	219.9	224.4
-52.5°	121.5	132.6	144.3	154.7	164.2	171.8	178.9	186.2	192.2	196.8	202.7
-55°	110.9	121.1	130.9	140.2	148.3	155.3	162.3	168.8	173.9	177.9	182.7
-57.5°	100.9	110.1	118.6	126.5	133.8	139.8	146.6	152.1	156.8	160.6	165.6
-60°	91.2	99.4	107.1	114.0	120.0	125.9	131.4	136.5	140.6	144.4	148.9
-62.5°	81.5	88.9	95.9	102.2	107.7	112.6	117.6	121.9	125.3	129.2	132.9
-65°	72.4	78.7	84.8	90.6	95.7	100.4	104.5	108.0	111.3	114.7	117.7
-67.5°	63.4	69.3	74.4	78.9	83.7	88.3	92.1	95.3	98.0	100.8	103.3
-70°	55.3	60.0	64.7	68.8	72.4	76.2	79.9	83.0	85.4	87.5	89.6
-72.5°	47.4	51.5	55.4	58.9	62.2	65.3	68.2	70.9	73.2	74.9	76.4
-75°	39.8	43.0	46.4	49.5	52.2	54.5	56.7	58.9	60.8	62.3	63.5
-77.5°	32.6	35.3	37.9	40.3	42.2	44.1	45.8	47.4	48.8	49.9	50.7
-80°	25.6	27.6	29.6	31.6	33.1	34.4	35.5	36.4	37.4	38.5	39.4
-82.5°	19.1	20.5	21.8	23.2	24.2	25.1	25.9	26.6	27.3	28.0	28.6
-85°	12.5	13.3	14.2	15.0	15.8	16.5	17.1	17.6	18.0	18.3	18.6
-87.5°	6.3	6.7	7.1	7.4	7.8	8.1	8.5	8.8	9.0	9.2	9.3
-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: P558570 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-930-U-WAF-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°	7.2	7.2	7.2	7.1	7.1	6.8	6.5	6.2	5.8	6.0	6.1
85°	21.1	21.2	21.1	20.9	20.6	20.6	20.5	20.4	20.2	20.5	20.7
82.5°	39.7	40.0	40.1	39.9	39.5	39.7	39.8	39.7	39.5	39.7	39.9
80°	62.1	62.7	62.7	62.3	61.5	61.6	61.6	61.5	61.0	61.1	61.1
77.5°	88.5	89.9	90.3	90.1	89.3	89.1	88.5	87.2	85.5	85.4	85.5
75°	122.1	123.5	124.3	124.2	123.4	122.9	122.1	120.7	118.7	118.6	118.6
72.5°	159.3	161.3	162.3	163.1	163.1	162.8	161.8	159.7	156.7	156.3	156.6
70°	200.3	203.7	205.9	207.6	208.9	209.2	208.6	206.9	204.2	203.5	203.3
67.5°	245.9	251.5	255.6	258.4	261.0	262.9	263.6	262.9	260.8	260.0	260.3
65°	297.2	305.7	312.7	317.9	321.4	323.9	326.1	327.4	327.8	328.5	329.6
62.5°	356.9	367.4	377.2	383.8	387.2	389.6	396.7	400.7	401.9	402.2	403.7
60°	423.7	436.9	449.1	458.9	466.8	472.8	478.8	482.7	484.2	484.5	486.7
57.5°	496.7	513.3	527.5	542.7	553.3	559.5	567.5	575.7	580.0	581.2	586.3
55°	577.5	600.1	618.6	634.8	649.7	662.7	673.7	682.1	688.4	692.2	698.9
52.5°	666.8	693.4	712.8	731.8	753.0	767.9	777.7	793.4	804.8	811.0	819.0
50°	764.9	794.5	820.9	840.8	865.5	885.9	900.8	915.6	926.0	932.0	939.7
47.5°	876.5	913.0	943.6	962.1	990.8	1014.8	1024.5	1035.7	1055.3	1064.7	1072.9
45°	1002.2	1048.8	1082.8	1111.8	1136.3	1163.3	1181.0	1193.7	1213.0	1222.7	1228.8
42.5°	1151.8	1203.6	1248.4	1283.2	1303.9	1338.8	1364.3	1371.5	1398.8	1417.3	1422.8
40°	1319.5	1376.9	1436.0	1475.7	1509.0	1544.5	1586.5	1609.9	1633.0	1651.2	1655.4
37.5°	1494.2	1571.1	1638.6	1689.8	1744.8	1797.2	1841.8	1866.1	1881.3	1916.0	1929.0
35°	1671.9	1751.3	1845.8	1925.3	1992.0	2056.7	2107.6	2147.6	2185.8	2217.1	2235.8
32.5°	1823.2	1908.6	2025.3	2144.5	2216.4	2286.5	2370.1	2415.9	2466.8	2508.0	2538.1
30°	1947.6	2028.8	2135.0	2284.5	2383.1	2454.1	2559.8	2623.2	2678.6	2748.5	2772.8
27.5°	1953.5	2080.4	2174.3	2303.1	2451.0	2523.0	2601.3	2716.5	2751.5	2851.1	2865.5
25°	1902.2	2035.4	2132.0	2239.4	2362.4	2450.1	2521.6	2617.4	2667.5	2731.6	2780.8
22.5°	1822.0	1939.4	2037.9	2129.0	2225.0	2304.8	2370.2	2437.5	2492.5	2542.3	2588.5
20°	1733.4	1844.9	1938.3	2016.6	2092.7	2166.7	2225.5	2282.0	2329.7	2372.3	2398.6
17.5°	1671.0	1751.2	1846.7	1926.9	1992.9	2051.0	2111.8	2159.1	2200.9	2239.3	2263.3
15°	1628.5	1704.7	1772.7	1846.3	1915.8	1971.2	2017.0	2065.8	2101.9	2134.9	2161.0
12.5°	1584.3	1662.8	1733.9	1795.3	1849.7	1910.1	1959.1	1997.5	2035.3	2061.3	2088.1
10°	1547.3	1620.9	1694.6	1759.4	1816.6	1866.4	1912.8	1955.9	1989.8	2018.9	2040.0
7.5°	1525.9	1598.0	1664.3	1726.4	1782.2	1835.3	1883.1	1922.6	1956.3	1986.4	2008.5
5°	1501.1	1572.4	1638.6	1702.1	1755.7	1806.7	1854.3	1895.0	1929.8	1956.6	1977.7
2.5°	1472.6	1542.9	1608.9	1673.5	1727.1	1776.3	1821.3	1861.0	1897.3	1922.9	1940.8
0°	1440.1	1510.6	1575.1	1635.9	1689.8	1742.8	1784.3	1824.3	1859.8	1885.2	1903.1
-2.5°	1407.4	1477.5	1544.2	1602.5	1656.0	1704.9	1749.0	1786.9	1820.7	1846.0	1861.8
-5°	1363.8	1433.5	1499.4	1558.1	1614.0	1663.1	1706.0	1744.5	1777.1	1804.6	1826.0
-7.5°	1311.2	1381.6	1447.4	1507.4	1563.0	1609.4	1650.6	1689.4	1724.2	1754.2	1780.5
-10°	1253.2	1322.8	1385.1	1441.2	1493.0	1540.2	1584.1	1622.4	1654.3	1683.7	1705.9
-12.5°	1185.7	1250.2	1311.1	1366.4	1417.1	1464.3	1506.0	1542.5	1574.6	1600.7	1620.7
-15°	1111.3	1172.5	1230.1	1286.7	1339.7	1386.3	1422.9	1461.4	1489.2	1514.6	1532.6
-17.5°	1031.7	1090.8	1151.4	1208.1	1257.1	1303.0	1343.4	1378.5	1407.7	1430.9	1451.2
-20°	950.9	1011.2	1069.5	1123.6	1170.7	1213.2	1254.1	1287.8	1317.8	1343.0	1366.8



REPORT NUMBER: P558570 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	869.8	925.1	979.9	1032.7	1077.3	1117.5	1153.2	1185.6	1212.0	1241.7	1262.8
-25°	786.5	835.0	884.4	931.1	973.2	1012.8	1045.2	1073.5	1101.0	1129.8	1150.3
-27.5°	702.8	745.6	785.8	827.1	864.0	898.2	928.4	953.2	979.9	999.1	1021.6
-30°	620.1	658.9	692.4	721.1	755.8	785.2	808.6	833.3	855.4	873.7	892.7
-32.5°	550.0	576.5	603.3	627.3	650.4	674.5	693.4	714.9	730.1	745.9	761.2
-35°	482.6	503.1	520.8	543.3	560.6	573.8	589.5	605.3	611.3	628.5	637.7
-37.5°	421.6	435.0	451.6	467.3	480.1	489.9	503.9	512.2	516.6	527.7	533.7
-40°	369.4	377.9	393.3	404.0	411.7	418.9	430.5	435.9	441.9	447.4	447.6
-42.5°	323.4	334.4	344.9	353.3	358.1	366.3	371.8	372.3	380.0	385.0	385.8
-45°	285.9	297.0	305.3	311.5	316.3	323.3	326.9	328.9	335.1	338.5	339.9
-47.5°	257.0	264.8	272.0	276.8	283.2	288.3	290.9	294.2	299.0	302.1	304.3
-50°	231.6	237.8	243.3	247.6	254.0	258.6	261.1	265.2	268.8	271.0	272.7
-52.5°	209.3	214.8	218.6	222.9	228.1	232.2	235.4	239.4	242.4	244.4	245.9
-55°	188.5	193.6	197.3	201.9	205.7	208.4	211.1	215.1	218.0	220.0	221.3
-57.5°	170.1	173.9	177.6	181.7	185.3	188.3	190.7	192.9	194.8	196.4	197.7
-60°	152.8	155.9	159.3	162.6	165.3	167.4	170.0	171.9	173.2	174.0	175.0
-62.5°	136.2	139.0	142.0	144.6	146.8	148.6	150.7	152.3	153.4	154.2	154.9
-65°	120.4	122.9	125.4	127.5	129.4	131.0	132.4	133.6	134.4	135.1	135.6
-67.5°	105.7	107.6	109.3	110.8	112.2	113.6	114.9	115.8	116.3	116.8	117.4
-70°	91.4	92.9	94.1	95.0	95.9	96.9	98.1	99.0	99.5	100.1	100.6
-72.5°	77.6	78.7	79.7	80.5	80.9	81.6	82.5	83.1	83.7	84.1	84.3
-75°	64.4	65.3	66.1	66.7	67.1	67.6	68.0	68.2	68.2	68.4	68.5
-77.5°	51.5	52.3	53.1	53.7	54.0	54.4	54.7	54.9	54.9	54.9	54.8
-80°	40.2	40.8	41.3	41.7	41.9	42.2	42.4	42.4	42.3	42.4	42.4
-82.5°	29.1	29.7	30.2	30.5	30.7	31.0	31.2	31.4	31.5	31.5	31.5
-85°	18.8	19.1	19.4	19.6	19.8	19.9	20.0	20.0	19.9	19.9	19.9
-87.5°	9.4	9.3	9.2	9.0	8.8	8.8	8.9	8.9	8.9	9.0	9.1
-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: P558570 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-930-U-WAF-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°	6.2	6.4	5.9	5.5	5.9	6.4	6.2	6.1	6.0	5.8	6.2
85°	20.9	21.1	20.7	20.3	20.7	21.1	20.9	20.7	20.5	20.2	20.4
82.5°	40.0	39.9	39.6	39.2	39.6	39.9	40.0	39.9	39.7	39.5	39.7
80°	60.9	60.5	60.3	59.9	60.3	60.5	60.9	61.1	61.1	61.0	61.5
77.5°	85.3	84.8	85.5	86.1	85.5	84.8	85.3	85.5	85.4	85.5	87.2
75°	118.2	117.3	116.4	115.2	116.4	117.3	118.2	118.6	118.6	118.7	120.7
72.5°	156.5	155.7	155.0	153.9	155.0	155.7	156.5	156.6	156.3	156.7	159.7
70°	202.1	200.0	200.3	200.4	200.3	200.0	202.1	203.3	203.5	204.2	206.9
67.5°	259.5	257.5	257.7	257.5	257.7	257.5	259.5	260.3	260.0	260.8	262.9
65°	328.9	326.8	324.1	320.2	324.1	326.8	328.9	329.6	328.5	327.8	327.4
62.5°	403.5	401.6	402.7	403.6	402.7	401.6	403.5	403.7	402.2	401.9	400.7
60°	486.3	483.6	482.2	480.0	482.2	483.6	486.3	486.7	484.5	484.2	482.7
57.5°	588.6	588.1	586.9	583.7	586.9	588.1	588.6	586.3	581.2	580.0	575.7
55°	702.0	701.4	704.0	707.2	704.0	701.4	702.0	698.9	692.2	688.4	682.1
52.5°	824.9	826.9	826.2	821.9	826.2	826.9	824.9	819.0	811.0	804.8	793.4
50°	946.5	948.8	951.3	953.6	951.3	948.8	946.5	939.7	932.0	926.0	915.6
47.5°	1084.4	1090.5	1091.6	1087.2	1091.6	1090.5	1084.4	1072.9	1064.7	1055.3	1035.7
45°	1241.1	1244.8	1246.6	1250.3	1246.6	1244.8	1241.1	1228.8	1222.7	1213.0	1193.7
42.5°	1438.5	1442.8	1443.5	1447.5	1443.5	1442.8	1438.5	1422.8	1417.3	1398.8	1371.5
40°	1672.9	1679.9	1678.7	1676.9	1678.7	1679.9	1672.9	1655.4	1651.2	1633.0	1609.9
37.5°	1947.3	1959.1	1960.3	1967.6	1960.3	1959.1	1947.3	1929.0	1916.0	1881.3	1866.1
35°	2255.3	2269.1	2266.7	2270.3	2266.7	2269.1	2255.3	2235.8	2217.1	2185.8	2147.6
32.5°	2565.9	2586.7	2590.9	2608.4	2590.9	2586.7	2565.9	2538.1	2508.0	2466.8	2415.9
30°	2809.9	2839.2	2858.2	2856.8	2858.2	2839.2	2809.9	2772.8	2748.5	2678.6	2623.2
27.5°	2911.0	2948.8	2984.3	2995.0	2984.3	2948.8	2911.0	2865.5	2851.1	2751.5	2716.5
25°	2812.3	2840.0	2871.3	2888.1	2871.3	2840.0	2812.3	2780.8	2731.6	2667.5	2617.4
22.5°	2609.7	2627.7	2638.3	2629.6	2638.3	2627.7	2609.7	2588.5	2542.3	2492.5	2437.5
20°	2425.8	2448.6	2452.8	2461.9	2452.8	2448.6	2425.8	2398.6	2372.3	2329.7	2282.0
17.5°	2288.9	2303.8	2312.6	2314.5	2312.6	2303.8	2288.9	2263.3	2239.3	2200.9	2159.1
15°	2181.6	2193.6	2201.4	2204.9	2201.4	2193.6	2181.6	2161.0	2134.9	2101.9	2065.8
12.5°	2105.6	2120.1	2127.3	2131.6	2127.3	2120.1	2105.6	2088.1	2061.3	2035.3	1997.5
10°	2056.8	2070.9	2076.6	2078.6	2076.6	2070.9	2056.8	2040.0	2018.9	1989.8	1955.9
7.5°	2021.9	2030.8	2034.6	2037.6	2034.6	2030.8	2021.9	2008.5	1986.4	1956.3	1922.6
5°	1993.6	2000.8	2004.8	2009.1	2004.8	2000.8	1993.6	1977.7	1956.6	1929.8	1895.0
2.5°	1955.1	1965.4	1972.5	1976.8	1972.5	1965.4	1955.1	1940.8	1922.9	1897.3	1861.0
0°	1917.4	1927.1	1932.1	1940.4	1932.1	1927.1	1917.4	1903.1	1885.2	1859.8	1824.3
-2.5°	1875.9	1887.1	1900.4	1913.3	1900.4	1887.1	1875.9	1861.8	1846.0	1820.7	1786.9
-5°	1844.2	1858.9	1861.7	1870.0	1861.7	1858.9	1844.2	1826.0	1804.6	1777.1	1744.5
-7.5°	1796.3	1803.0	1814.5	1816.5	1814.5	1803.0	1796.3	1780.5	1754.2	1724.2	1689.4
-10°	1722.4	1733.4	1740.5	1747.9	1740.5	1733.4	1722.4	1705.9	1683.7	1654.3	1622.4
-12.5°	1635.7	1648.6	1660.1	1658.5	1660.1	1648.6	1635.7	1620.7	1600.7	1574.6	1542.5
-15°	1551.2	1563.7	1571.6	1570.5	1571.6	1563.7	1551.2	1532.6	1514.6	1489.2	1461.4
-17.5°	1467.3	1478.7	1490.2	1489.9	1490.2	1478.7	1467.3	1451.2	1430.9	1407.7	1378.5
-20°	1380.7	1390.4	1402.7	1407.9	1402.7	1390.4	1380.7	1366.8	1343.0	1317.8	1287.8



REPORT NUMBER: P558570 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1280.6	1293.1	1302.0	1307.4	1302.0	1293.1	1280.6	1262.8	1241.7	1212.0	1185.6
-25°	1163.9	1176.7	1183.5	1185.8	1183.5	1176.7	1163.9	1150.3	1129.8	1101.0	1073.5
-27.5°	1034.9	1049.2	1056.2	1052.7	1056.2	1049.2	1034.9	1021.6	999.1	979.9	953.2
-30°	902.7	911.9	913.0	920.9	913.0	911.9	902.7	892.7	873.7	855.4	833.3
-32.5°	772.2	778.4	774.9	775.3	774.9	778.4	772.2	761.2	745.9	730.1	714.9
-35°	643.4	648.3	649.3	658.3	649.3	648.3	643.4	637.7	628.5	611.3	605.3
-37.5°	539.8	541.8	538.7	534.4	538.7	541.8	539.8	533.7	527.7	516.6	512.2
-40°	452.0	453.5	452.4	450.1	452.4	453.5	452.0	447.6	447.4	441.9	435.9
-42.5°	388.8	388.8	387.7	387.4	387.7	388.8	388.8	385.8	385.0	380.0	372.3
-45°	342.1	342.6	342.5	342.3	342.5	342.6	342.1	339.9	338.5	335.1	328.9
-47.5°	305.8	305.9	305.4	304.5	305.4	305.9	305.8	304.3	302.1	299.0	294.2
-50°	273.8	273.8	274.4	275.5	274.4	273.8	273.8	272.7	271.0	268.8	265.2
-52.5°	246.7	246.6	247.0	247.4	247.0	246.6	246.7	245.9	244.4	242.4	239.4
-55°	221.9	221.8	221.4	220.7	221.4	221.8	221.9	221.3	220.0	218.0	215.1
-57.5°	198.2	197.9	197.4	196.3	197.4	197.9	198.2	197.7	196.4	194.8	192.9
-60°	175.6	175.7	175.4	174.6	175.4	175.7	175.6	175.0	174.0	173.2	171.9
-62.5°	155.0	154.7	154.6	154.3	154.6	154.7	155.0	154.9	154.2	153.4	152.3
-65°	135.7	135.4	135.5	135.4	135.5	135.4	135.7	135.6	135.1	134.4	133.6
-67.5°	117.6	117.4	117.6	117.5	117.6	117.4	117.6	117.4	116.8	116.3	115.8
-70°	100.9	100.9	100.4	99.5	100.4	100.9	100.9	100.6	100.1	99.5	99.0
-72.5°	84.2	83.9	84.0	83.8	84.0	83.9	84.2	84.3	84.1	83.7	83.1
-75°	68.5	68.3	68.8	69.1	68.8	68.3	68.5	68.5	68.4	68.2	68.2
-77.5°	54.6	54.2	54.5	54.8	54.5	54.2	54.6	54.8	54.9	54.9	54.9
-80°	42.4	42.2	42.1	41.9	42.1	42.2	42.4	42.4	42.4	42.3	42.4
-82.5°	31.4	31.2	31.1	30.9	31.1	31.2	31.4	31.5	31.5	31.5	31.4
-85°	19.8	19.7	20.0	20.3	20.0	19.7	19.8	19.9	19.9	19.9	20.0
-87.5°	9.1	9.2	9.0	8.8	9.0	9.2	9.1	9.1	9.0	8.9	8.9
-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: P558570 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-930-U-WAF-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°	6.5	6.8	7.1	7.1	7.2	7.2	7.2	7.2	7.1	7.0	6.9
85°	20.5	20.6	20.6	20.9	21.1	21.2	21.1	20.8	20.3	19.6	18.9
82.5°	39.8	39.7	39.5	39.9	40.1	40.0	39.7	39.0	37.9	36.7	35.2
80°	61.6	61.6	61.5	62.3	62.7	62.7	62.1	60.7	58.9	57.0	55.1
77.5°	88.5	89.1	89.3	90.1	90.3	89.9	88.5	86.4	84.5	82.0	78.8
75°	122.1	122.9	123.4	124.2	124.3	123.5	122.1	119.5	116.1	111.8	106.1
72.5°	161.8	162.8	163.1	163.1	162.3	161.3	159.3	155.8	151.3	145.7	138.1
70°	208.6	209.2	208.9	207.6	205.9	203.7	200.3	195.4	189.1	182.6	173.3
67.5°	263.6	262.9	261.0	258.4	255.6	251.5	245.9	238.9	231.7	223.5	211.0
65°	326.1	323.9	321.4	317.9	312.7	305.7	297.2	288.3	278.8	267.4	251.6
62.5°	396.7	389.6	387.2	383.8	377.2	367.4	356.9	345.7	331.6	315.2	299.3
60°	478.8	472.8	466.8	458.9	449.1	436.9	423.7	408.4	391.1	372.9	351.6
57.5°	567.5	559.5	553.3	542.7	527.5	513.3	496.7	475.6	454.9	433.7	408.4
55°	673.7	662.7	649.7	634.8	618.6	600.1	577.5	552.9	527.5	498.3	471.3
52.5°	777.7	767.9	753.0	731.8	712.8	693.4	666.8	638.0	609.3	579.0	541.1
50°	900.8	885.9	865.5	840.8	820.9	794.5	764.9	729.9	700.0	665.4	623.6
47.5°	1024.5	1014.8	990.8	962.1	943.6	913.0	876.5	837.4	804.4	757.3	711.7
45°	1181.0	1163.3	1136.3	1111.8	1082.8	1048.8	1002.2	964.8	920.7	869.3	803.3
42.5°	1364.3	1338.8	1303.9	1283.2	1248.4	1203.6	1151.8	1104.6	1049.6	989.6	913.7
40°	1586.5	1544.5	1509.0	1475.7	1436.0	1376.9	1319.5	1256.8	1191.0	1117.1	1018.4
37.5°	1841.8	1797.2	1744.8	1689.8	1638.6	1571.1	1494.2	1420.4	1341.4	1230.2	1117.6
35°	2107.6	2056.7	1992.0	1925.3	1845.8	1751.3	1671.9	1584.8	1476.9	1332.7	1209.4
32.5°	2370.1	2286.5	2216.4	2144.5	2025.3	1908.6	1823.2	1745.8	1562.6	1413.8	1290.1
30°	2559.8	2454.1	2383.1	2284.5	2135.0	2028.8	1947.6	1786.9	1616.4	1470.3	1353.0
27.5°	2601.3	2523.0	2451.0	2303.1	2174.3	2080.4	1953.5	1789.7	1634.6	1497.2	1383.6
25°	2521.6	2450.1	2362.4	2239.4	2132.0	2035.4	1902.2	1753.9	1614.7	1493.5	1366.1
22.5°	2370.2	2304.8	2225.0	2129.0	2037.9	1939.4	1822.0	1693.5	1573.7	1460.3	1336.9
20°	2225.5	2166.7	2092.7	2016.6	1938.3	1844.9	1733.4	1628.3	1530.9	1421.0	1301.9
17.5°	2111.8	2051.0	1992.9	1926.9	1846.7	1751.2	1671.0	1584.4	1488.2	1379.1	1261.9
15°	2017.0	1971.2	1915.8	1846.3	1772.7	1704.7	1628.5	1539.9	1444.0	1333.7	1224.5
12.5°	1959.1	1910.1	1849.7	1795.3	1733.9	1662.8	1584.3	1493.9	1402.2	1309.8	1212.0
10°	1912.8	1866.4	1816.6	1759.4	1694.6	1620.9	1547.3	1468.8	1383.4	1292.7	1195.9
7.5°	1883.1	1835.3	1782.2	1726.4	1664.3	1598.0	1525.9	1447.8	1361.6	1271.0	1176.1
5°	1854.3	1806.7	1755.7	1702.1	1638.6	1572.4	1501.1	1422.7	1336.2	1244.8	1152.4
2.5°	1821.3	1776.3	1727.1	1673.5	1608.9	1542.9	1472.6	1393.2	1308.0	1220.2	1125.4
0°	1784.3	1742.8	1689.8	1635.9	1575.1	1510.6	1440.1	1359.0	1275.7	1192.7	1094.1
-2.5°	1749.0	1704.9	1656.0	1602.5	1544.2	1477.5	1407.4	1329.0	1243.8	1160.0	1063.5
-5°	1706.0	1663.1	1614.0	1558.1	1499.4	1433.5	1363.8	1288.1	1204.3	1121.4	1029.3
-7.5°	1650.6	1609.4	1563.0	1507.4	1447.4	1381.6	1311.2	1235.5	1153.9	1071.9	982.4
-10°	1584.1	1540.2	1493.0	1441.2	1385.1	1322.8	1253.2	1177.6	1099.1	1017.5	931.4
-12.5°	1506.0	1464.3	1417.1	1366.4	1311.1	1250.2	1185.7	1113.6	1040.2	958.2	876.6
-15°	1422.9	1386.3	1339.7	1286.7	1230.1	1172.5	1111.3	1042.5	974.7	894.5	817.9
-17.5°	1343.4	1303.0	1257.1	1208.1	1151.4	1090.8	1031.7	968.6	903.0	829.9	759.8
-20°	1254.1	1213.2	1170.7	1123.6	1069.5	1011.2	950.9	890.7	829.2	765.5	701.8



REPORT NUMBER: P558570 (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°	1153.2	1117.5	1077.3	1032.7	979.9	925.1	869.8	813.0	754.8	700.0	642.8
-25°	1045.2	1012.8	973.2	931.1	884.4	835.0	786.5	736.1	686.0	634.5	583.8
-27.5°	928.4	898.2	864.0	827.1	785.8	745.6	702.8	659.4	618.9	573.5	529.3
-30°	808.6	785.2	755.8	721.1	692.4	658.9	620.1	589.1	554.0	515.2	479.2
-32.5°	693.4	674.5	650.4	627.3	603.3	576.5	550.0	521.3	490.6	463.0	433.5
-35°	589.5	573.8	560.6	543.3	520.8	503.1	482.6	459.0	435.6	413.4	389.8
-37.5°	503.9	489.9	480.1	467.3	451.6	435.0	421.6	405.4	386.2	368.5	349.3
-40°	430.5	418.9	411.7	404.0	393.3	377.9	369.4	357.3	344.1	327.1	311.6
-42.5°	371.8	366.3	358.1	353.3	344.9	334.4	323.4	316.5	306.0	292.7	280.1
-45°	326.9	323.3	316.3	311.5	305.3	297.0	285.9	280.7	272.7	263.5	251.5
-47.5°	290.9	288.3	283.2	276.8	272.0	264.8	257.0	249.7	245.0	237.1	227.3
-50°	261.1	258.6	254.0	247.6	243.3	237.8	231.6	224.4	219.9	213.2	205.1
-52.5°	235.4	232.2	228.1	222.9	218.6	214.8	209.3	202.7	196.8	192.2	186.2
-55°	211.1	208.4	205.7	201.9	197.3	193.6	188.5	182.7	177.9	173.9	168.8
-57.5°	190.7	188.3	185.3	181.7	177.6	173.9	170.1	165.6	160.6	156.8	152.1
-60°	170.0	167.4	165.3	162.6	159.3	155.9	152.8	148.9	144.4	140.6	136.5
-62.5°	150.7	148.6	146.8	144.6	142.0	139.0	136.2	132.9	129.2	125.3	121.9
-65°	132.4	131.0	129.4	127.5	125.4	122.9	120.4	117.7	114.7	111.3	108.0
-67.5°	114.9	113.6	112.2	110.8	109.3	107.6	105.7	103.3	100.8	98.0	95.3
-70°	98.1	96.9	95.9	95.0	94.1	92.9	91.4	89.6	87.5	85.4	83.0
-72.5°	82.5	81.6	80.9	80.5	79.7	78.7	77.6	76.4	74.9	73.2	70.9
-75°	68.0	67.6	67.1	66.7	66.1	65.3	64.4	63.5	62.3	60.8	58.9
-77.5°	54.7	54.4	54.0	53.7	53.1	52.3	51.5	50.7	49.9	48.8	47.4
-80°	42.4	42.2	41.9	41.7	41.3	40.8	40.2	39.4	38.5	37.4	36.4
-82.5°	31.2	31.0	30.7	30.5	30.2	29.7	29.1	28.6	28.0	27.3	26.6
-85°	20.0	19.9	19.8	19.6	19.4	19.1	18.8	18.6	18.3	18.0	17.6
-87.5°	8.9	8.8	8.8	9.0	9.2	9.3	9.4	9.3	9.2	9.0	8.8
-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: P558570 (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°	6.7	6.5	6.3	6.1	5.9	5.8	5.5	5.2	4.8	4.3	3.8
85°	17.9	16.8	15.5	14.2	12.9	11.5	11.0	10.5	9.6	8.6	7.7
82.5°	33.4	31.7	30.0	28.2	26.1	23.9	21.6	19.1	16.1	13.2	11.5
80°	52.7	50.0	47.0	43.7	40.1	36.3	33.2	29.7	25.4	21.3	17.4
77.5°	74.6	70.1	65.1	60.9	56.5	51.7	46.6	40.9	34.7	29.3	24.2
75°	99.1	93.3	87.4	80.9	74.1	67.1	61.1	54.0	45.6	37.5	31.0
72.5°	129.5	120.6	111.4	101.9	93.7	85.2	76.5	66.9	57.1	47.5	38.2
70°	162.1	149.8	138.2	126.8	115.0	103.3	93.1	81.3	68.4	57.4	46.6
67.5°	196.8	183.3	168.6	152.5	138.2	124.4	110.2	95.9	81.4	67.1	55.0
65°	236.2	219.2	200.8	183.1	164.2	145.7	129.8	111.0	94.1	78.3	63.1
62.5°	279.5	257.3	237.3	215.1	193.0	171.2	148.8	127.6	107.0	89.3	72.2
60°	328.6	304.2	276.2	251.3	224.7	197.9	171.4	143.6	121.2	99.9	81.4
57.5°	382.6	354.0	324.0	291.0	259.8	228.1	193.8	162.0	134.9	111.5	90.3
55°	439.0	406.9	373.0	336.7	298.1	261.6	217.5	180.8	148.7	123.0	98.6
52.5°	502.2	463.8	424.7	383.8	341.3	294.1	243.7	198.5	164.2	134.0	107.4
50°	575.0	527.0	480.6	433.6	385.1	328.3	268.2	219.7	178.8	145.0	115.7
47.5°	658.1	599.8	542.3	485.9	432.2	360.1	295.2	239.8	192.3	156.9	123.5
45°	744.1	679.8	610.2	545.0	470.5	392.2	321.5	258.4	208.7	167.2	130.7
42.5°	830.5	760.9	686.2	604.6	509.8	422.7	345.5	279.3	223.8	176.6	138.3
40°	926.4	841.7	761.9	660.0	545.5	450.3	370.2	298.9	237.4	186.1	145.8
37.5°	1017.8	924.2	836.5	702.3	578.2	478.7	392.8	316.4	249.8	196.4	152.7
35°	1103.2	1004.2	874.1	736.7	610.7	502.7	412.8	332.9	262.9	205.5	158.9
32.5°	1181.0	1055.4	902.9	763.5	636.4	522.3	430.9	347.6	274.2	213.3	164.3
30°	1234.1	1074.6	922.7	782.9	655.6	541.3	445.7	359.9	283.6	219.9	169.4
27.5°	1236.9	1083.5	933.3	795.0	668.8	555.2	456.9	369.6	291.1	226.0	174.6
25°	1227.2	1079.6	934.8	799.5	675.8	566.6	465.5	376.8	298.0	232.0	178.9
22.5°	1204.5	1065.7	927.8	796.4	683.5	574.5	472.6	383.1	303.6	236.5	182.2
20°	1175.9	1043.1	916.0	799.4	687.3	579.5	478.0	387.1	307.2	239.5	184.6
17.5°	1140.8	1025.2	914.0	798.9	687.3	581.0	480.4	389.0	308.9	241.2	186.1
15°	1124.7	1018.2	908.0	794.6	683.6	579.1	479.9	388.7	308.7	241.5	187.2
12.5°	1111.7	1007.1	898.2	786.6	676.1	573.8	476.8	386.4	306.9	241.5	187.9
10°	1095.3	992.0	884.7	775.0	665.2	565.5	471.0	382.9	306.0	241.2	188.0
7.5°	1075.3	973.0	867.6	759.8	652.1	556.1	465.0	379.0	304.0	239.7	187.3
5°	1052.1	952.0	849.1	745.2	642.0	546.2	457.2	373.2	300.8	237.3	186.0
2.5°	1027.0	930.2	828.5	727.6	629.4	533.8	447.3	365.7	296.3	234.0	184.1
0°	997.9	904.8	804.4	706.7	614.1	519.2	435.4	356.6	290.7	229.9	181.5
-2.5°	972.3	876.9	778.4	684.0	591.8	501.7	422.4	347.5	284.5	225.8	178.8
-5°	942.6	845.3	749.3	658.4	567.3	482.4	407.9	337.1	277.2	221.0	175.6
-7.5°	898.9	806.8	716.3	629.6	540.7	461.5	391.9	325.8	269.0	215.6	172.0
-10°	849.7	763.2	678.8	597.1	514.8	441.0	375.2	313.5	260.1	209.6	167.8
-12.5°	797.6	717.2	639.2	563.0	488.2	420.7	359.1	301.5	250.6	203.0	163.3
-15°	743.1	669.3	597.9	527.7	460.7	399.3	342.3	289.2	241.1	196.2	158.4
-17.5°	687.7	619.7	555.1	491.6	432.6	377.2	324.9	276.3	231.2	189.5	153.5
-20°	637.1	573.5	511.6	455.2	404.3	354.4	307.0	262.9	220.9	182.4	148.6



REPORT NUMBER: P558570 (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°
-22.5°	586.6	530.9	474.9	421.3	376.5	331.1	289.0	249.0	210.2	174.9	143.2
-25°	536.4	488.5	439.2	393.1	349.6	309.5	271.5	234.9	199.2	167.2	137.6
-27.5°	489.0	447.1	403.2	364.8	326.0	288.2	254.7	221.4	188.5	159.3	131.7
-30°	443.8	407.6	371.0	337.2	302.8	269.6	237.8	208.0	178.8	151.7	125.5
-32.5°	402.1	368.7	340.2	311.6	281.4	251.2	222.1	194.7	169.1	144.1	119.7
-35°	363.4	335.4	310.3	286.7	260.7	234.5	207.9	181.5	159.3	136.3	114.0
-37.5°	326.5	305.8	284.4	263.4	240.2	218.1	194.4	170.6	149.6	128.2	108.1
-40°	296.1	278.5	260.6	241.4	221.9	202.0	180.9	160.2	140.2	120.0	102.2
-42.5°	267.2	253.5	238.1	219.9	205.0	187.2	167.6	149.7	131.0	112.6	96.2
-45°	241.4	229.8	216.7	203.1	188.8	172.6	155.8	139.1	121.9	105.6	90.3
-47.5°	217.1	208.5	197.8	186.5	173.3	158.5	144.0	129.0	112.7	98.7	84.8
-50°	196.7	189.3	180.7	170.4	158.1	145.6	132.3	118.9	105.0	91.8	79.1
-52.5°	178.9	171.8	164.2	154.7	144.3	132.6	121.5	109.0	97.2	85.2	73.3
-55°	162.3	155.3	148.3	140.2	130.9	121.1	110.9	100.2	89.2	78.5	67.5
-57.5°	146.6	139.8	133.8	126.5	118.6	110.1	100.9	91.3	81.6	71.8	62.3
-60°	131.4	125.9	120.0	114.0	107.1	99.4	91.2	82.6	74.0	65.2	57.1
-62.5°	117.6	112.6	107.7	102.2	95.9	88.9	81.5	74.2	66.4	59.2	51.8
-65°	104.5	100.4	95.7	90.6	84.8	78.7	72.4	65.8	59.5	53.2	46.5
-67.5°	92.1	88.3	83.7	78.9	74.4	69.3	63.4	58.1	52.7	47.1	41.3
-70°	79.9	76.2	72.4	68.8	64.7	60.0	55.3	50.7	45.9	41.2	36.0
-72.5°	68.2	65.3	62.2	58.9	55.4	51.5	47.4	43.3	39.6	35.3	30.6
-75°	56.7	54.5	52.2	49.5	46.4	43.0	39.8	36.6	33.2	29.4	25.9
-77.5°	45.8	44.1	42.2	40.3	37.9	35.3	32.6	29.8	27.1	24.3	21.4
-80°	35.5	34.4	33.1	31.6	29.6	27.6	25.6	23.6	21.5	19.2	16.8
-82.5°	25.9	25.1	24.2	23.2	21.8	20.5	19.1	17.6	15.9	14.2	12.4
-85°	17.1	16.5	15.8	15.0	14.2	13.3	12.5	11.7	10.6	9.4	8.3
-87.5°	8.5	8.1	7.8	7.4	7.1	6.7	6.3	5.8	5.3	4.7	4.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	3.3	2.8	2.3	1.7	1.2	0.6	0.0
85°	6.7	5.6	4.6	3.5	2.3	1.1	0.0
82.5°	10.0	8.4	6.8	5.2	3.5	1.7	0.0
80°	13.6	11.2	9.1	6.9	4.6	2.3	0.0
77.5°	19.3	14.6	11.3	8.6	5.8	2.8	0.0
75°	25.0	19.2	13.8	10.3	6.9	3.4	0.0
72.5°	30.5	23.7	17.3	12.0	8.0	3.9	0.0
70°	36.2	28.1	20.7	13.8	9.1	4.5	0.0
67.5°	43.1	32.4	24.0	16.2	10.2	5.0	0.0
65°	49.8	37.2	27.3	18.6	11.3	5.5	0.0
62.5°	56.3	42.4	30.5	20.9	12.3	6.1	0.0
60°	62.6	47.5	33.6	23.2	13.3	6.6	0.0
57.5°	69.6	52.3	37.3	25.3	14.7	7.0	0.0
55°	76.5	56.9	40.9	27.5	16.1	7.5	0.0
52.5°	83.0	61.5	44.3	29.5	17.5	8.0	0.0
50°	89.1	66.4	47.6	31.4	18.7	8.4	0.0
47.5°	94.9	71.1	50.7	33.4	20.0	8.8	0.0
45°	101.0	75.5	53.6	35.6	21.2	9.2	0.0
42.5°	106.6	79.5	56.4	37.6	22.3	9.6	0.0
40°	111.8	83.3	59.1	39.6	23.4	10.0	0.0
37.5°	116.4	86.6	61.9	41.5	24.4	10.4	0.0
35°	120.5	90.0	64.4	43.2	25.4	10.7	0.0
32.5°	124.5	93.2	66.7	44.8	26.3	11.0	0.0
30°	128.7	96.0	68.8	46.3	27.1	11.3	0.0
27.5°	132.4	98.4	70.7	47.6	27.9	11.5	0.0
25°	135.5	100.4	72.4	48.9	28.6	11.8	0.0
22.5°	138.0	102.2	73.9	50.0	29.2	12.0	0.0
20°	140.0	103.9	75.1	50.9	29.8	12.2	0.0
17.5°	141.8	105.3	76.1	51.8	30.3	12.4	0.0
15°	143.2	106.5	76.8	52.5	30.7	12.5	0.0
12.5°	144.1	107.3	77.4	53.0	31.1	12.6	0.0
10°	144.4	107.8	77.7	53.5	31.4	12.7	0.0
7.5°	144.3	108.0	77.8	53.8	31.6	12.8	0.0
5°	143.6	108.0	77.7	53.9	31.7	12.9	0.0
2.5°	142.5	107.6	77.4	54.0	31.8	12.9	0.0
0°	141.0	106.9	76.9	53.9	31.8	12.9	0.0
-2.5°	139.4	105.9	76.5	53.7	31.7	12.9	0.0
-5°	137.4	104.6	76.0	53.3	31.6	12.9	0.0
-7.5°	135.0	103.0	75.3	52.8	31.4	12.9	0.0
-10°	132.3	101.3	74.4	52.2	31.1	12.8	0.0
-12.5°	129.3	99.3	73.3	51.5	30.7	12.7	0.0
-15°	125.9	97.1	72.1	50.6	30.3	12.6	0.0
-17.5°	122.3	94.7	70.7	49.7	29.8	12.5	0.0
-20°	118.5	92.1	69.2	48.6	29.3	12.3	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	114.7	89.4	67.5	47.5	28.7	12.2	0.0
-25°	110.7	86.7	65.6	46.2	28.1	12.0	0.0
-27.5°	106.5	83.9	63.6	44.9	27.3	11.7	0.0
-30°	102.1	80.9	61.5	43.4	26.6	11.5	0.0
-32.5°	97.5	77.8	59.3	41.9	25.8	11.2	0.0
-35°	93.2	74.4	56.9	40.3	24.9	10.9	0.0
-37.5°	89.0	71.1	54.5	38.7	24.0	10.6	0.0
-40°	84.6	67.9	52.0	36.9	23.1	10.2	0.0
-42.5°	80.1	64.6	49.5	35.1	22.1	9.9	0.0
-45°	75.4	61.2	47.0	33.2	21.0	9.5	0.0
-47.5°	70.7	57.6	44.4	31.3	20.0	9.1	0.0
-50°	66.3	54.0	41.7	29.6	18.9	8.6	0.0
-52.5°	61.9	50.4	39.0	27.8	17.7	8.2	0.0
-55°	57.5	46.8	36.1	26.1	16.5	7.7	0.0
-57.5°	53.0	43.2	33.2	24.3	15.3	7.2	0.0
-60°	48.4	39.5	30.3	22.4	14.1	6.8	0.0
-62.5°	44.0	35.8	27.7	20.5	13.0	6.2	0.0
-65°	39.5	31.9	25.2	18.6	12.0	5.7	0.0
-67.5°	34.9	28.4	22.6	16.6	10.9	5.2	0.0
-70°	30.2	25.1	19.9	14.6	9.7	4.6	0.0
-72.5°	26.2	21.8	17.3	12.8	8.6	4.1	0.0
-75°	22.3	18.5	14.6	11.0	7.4	3.5	0.0
-77.5°	18.3	15.1	12.1	9.2	6.2	2.9	0.0
-80°	14.3	12.0	9.7	7.4	5.0	2.4	0.0
-82.5°	10.7	9.0	7.3	5.5	3.7	1.8	0.0
-85°	7.1	6.0	4.9	3.7	2.5	1.2	0.0
-87.5°	3.6	3.0	2.4	1.8	1.2	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)