

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: P558594 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-927-U-WAF-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558594 (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-SA1E-927-U-WAF-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7  
Light Source: (16) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

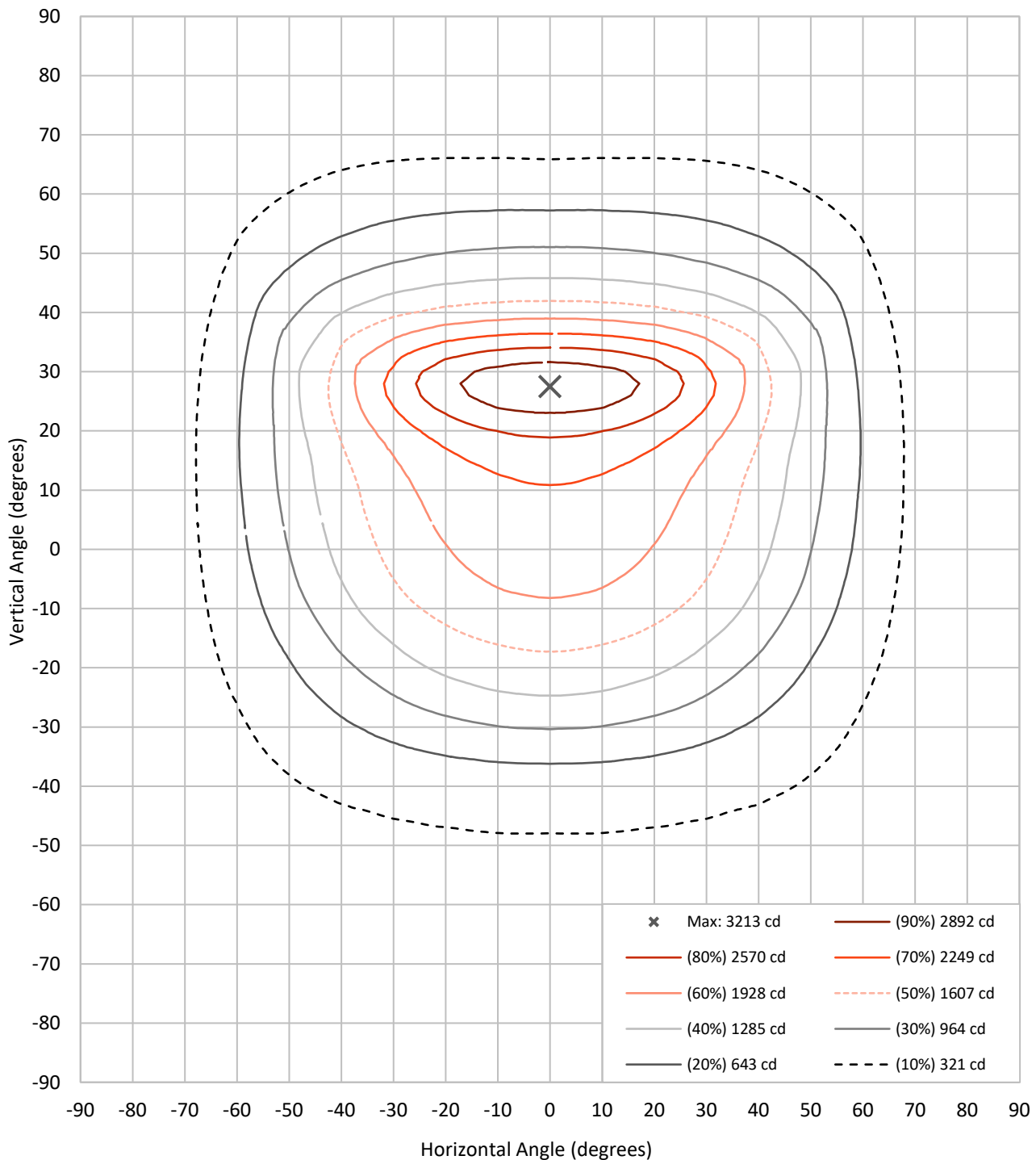
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	4683.9 lumens	Max Intensity:	3213 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	73.2 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:	2434.2 lumens	Field Lumens:	4333 lumens
Beam Efficiency:	52.0%	Field Efficiency:	92.5%
Input Watts (W):	64		
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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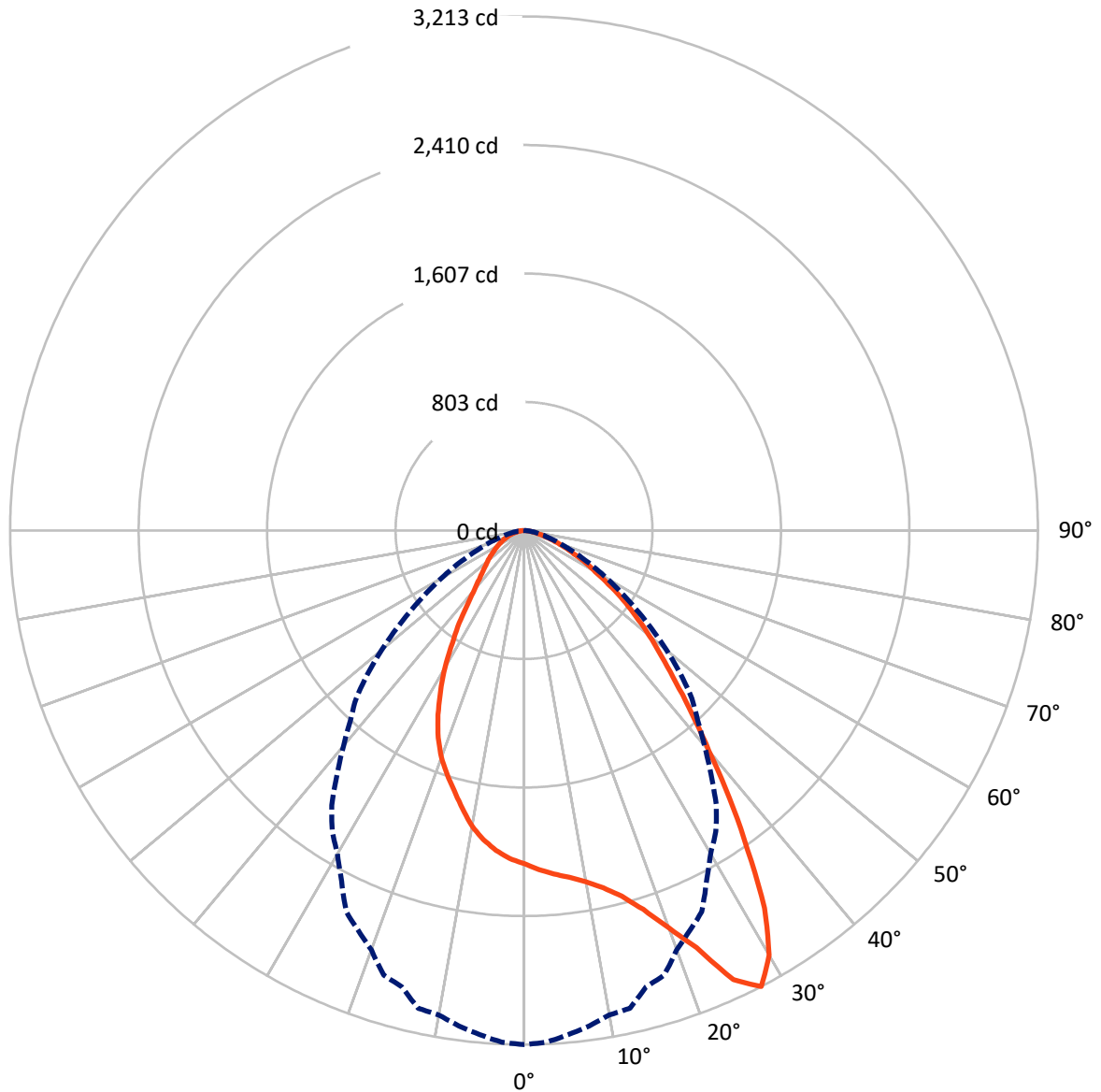
### Iso-Candela Plot





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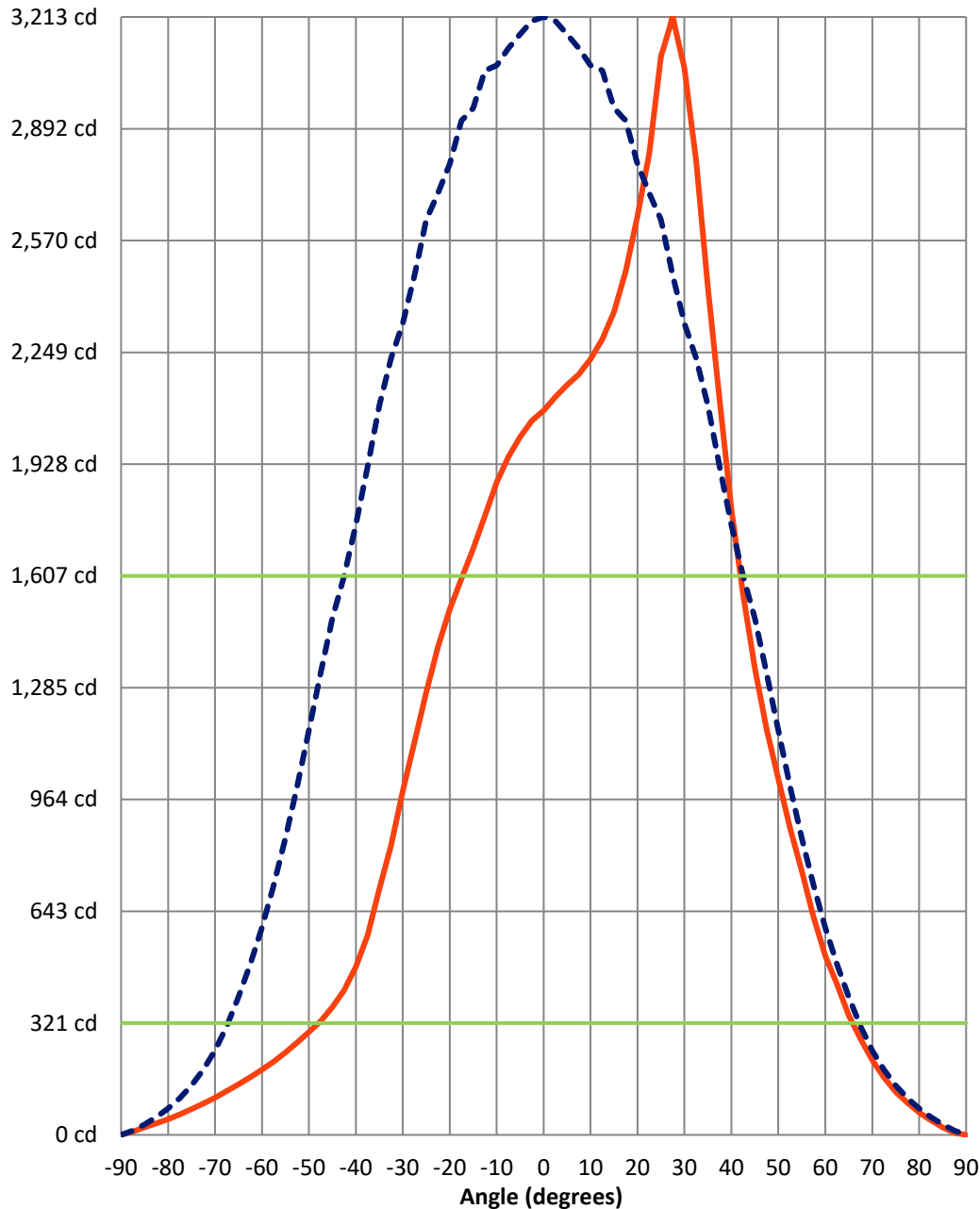
### Luminous Intensity Polar Plot



— 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: 2434.2  
 Efficiency: 52.0%

**Field:**  
 H Angle: 134.5°  
 V Angle: 113.8°  
 Lumens: 4333  
 Efficiency: 92.5%

**Spill:**  
 Lumens: 350.9  
 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	1.8	2.4	3.0	3.6	4.1	4.6	5.1	5.6
85°	0.0	1.2	2.5	3.7	4.9	6.0	7.1	8.2	9.3	10.3	11.2
82.5°	0.0	1.8	3.7	5.5	7.3	9.0	10.7	12.3	14.2	17.3	20.5
80°	0.0	2.4	5.0	7.4	9.7	12.0	14.5	18.6	22.9	27.3	31.8
77.5°	0.0	3.0	6.2	9.2	12.1	15.7	20.7	26.0	31.5	37.2	43.8
75°	0.0	3.6	7.4	11.0	14.7	20.6	26.8	33.2	40.2	48.9	57.9
72.5°	0.0	4.2	8.6	12.8	18.5	25.4	32.7	40.9	51.0	61.3	71.8
70°	0.0	4.8	9.8	14.7	22.2	30.1	38.8	50.0	61.5	73.4	87.3
67.5°	0.0	5.4	10.9	17.3	25.8	34.8	46.2	59.0	72.0	87.4	102.9
65°	0.0	5.9	12.0	19.9	29.3	39.9	53.4	67.7	84.0	101.0	119.1
62.5°	0.0	6.5	13.1	22.4	32.7	45.5	60.4	77.4	95.8	114.8	136.9
60°	0.0	7.0	14.2	24.8	36.0	50.9	67.1	87.3	107.2	130.0	154.1
57.5°	0.0	7.5	15.7	27.2	40.0	56.1	74.7	96.9	119.6	144.7	173.8
55°	0.0	8.0	17.2	29.5	43.9	61.1	82.0	105.7	131.9	159.5	193.9
52.5°	0.0	8.5	18.7	31.6	47.6	65.9	89.0	115.2	143.7	176.1	212.9
50°	0.0	9.0	20.1	33.8	51.1	71.3	95.6	124.2	155.6	191.7	235.6
47.5°	0.0	9.4	21.4	35.9	54.4	76.3	101.8	132.5	168.2	206.2	257.3
45°	0.0	9.9	22.7	38.2	57.5	81.0	108.4	140.2	179.3	223.8	277.2
42.5°	0.0	10.3	23.9	40.4	60.5	85.3	114.4	148.3	189.4	240.0	299.6
40°	0.0	10.7	25.1	42.5	63.4	89.3	119.9	156.4	199.6	254.6	320.6
37.5°	0.0	11.1	26.2	44.5	66.4	93.0	124.9	163.8	210.7	267.9	339.4
35°	0.0	11.4	27.2	46.3	69.1	96.6	129.3	170.4	220.4	282.1	357.2
32.5°	0.0	11.8	28.2	48.1	71.6	100.0	133.5	176.2	228.8	294.2	372.9
30°	0.0	12.1	29.1	49.7	73.8	103.0	138.1	181.7	235.9	304.2	386.0
27.5°	0.0	12.3	29.9	51.1	75.8	105.5	142.0	187.3	242.5	312.3	396.5
25°	0.0	12.6	30.7	52.4	77.7	107.7	145.4	191.9	248.9	319.7	404.3
22.5°	0.0	12.8	31.4	53.6	79.2	109.6	148.1	195.5	253.7	325.6	411.0
20°	0.0	13.0	32.0	54.6	80.6	111.5	150.2	198.0	256.9	329.5	415.3
17.5°	0.0	13.2	32.5	55.5	81.6	113.0	152.1	199.7	258.7	331.3	417.3
15°	0.0	13.4	33.0	56.3	82.4	114.2	153.6	200.8	259.1	331.2	417.0
12.5°	0.0	13.5	33.3	56.9	83.0	115.1	154.5	201.6	259.1	329.3	414.6
10°	0.0	13.6	33.7	57.4	83.3	115.7	154.9	201.7	258.7	328.3	410.8
7.5°	0.0	13.7	33.9	57.7	83.5	115.9	154.7	201.0	257.1	326.2	406.6
5°	0.0	13.8	34.0	57.9	83.3	115.8	154.0	199.5	254.6	322.7	400.3
2.5°	0.0	13.8	34.1	57.9	83.0	115.4	152.8	197.4	251.0	317.9	392.2
0°	0.0	13.8	34.1	57.8	82.5	114.7	151.2	194.7	246.6	311.9	382.5
-2.5°	0.0	13.8	34.0	57.5	82.1	113.6	149.5	191.8	242.2	305.2	372.7
-5°	0.0	13.8	33.9	57.1	81.5	112.2	147.3	188.4	237.1	297.4	361.7
-7.5°	0.0	13.8	33.6	56.6	80.8	110.6	144.8	184.5	231.3	288.6	349.5
-10°	0.0	13.7	33.3	56.0	79.8	108.7	141.9	180.1	224.8	279.0	336.3
-12.5°	0.0	13.6	32.9	55.2	78.7	106.5	138.7	175.2	217.8	268.8	323.4
-15°	0.0	13.5	32.5	54.3	77.4	104.2	135.1	169.9	210.5	258.7	310.3
-17.5°	0.0	13.4	32.0	53.3	75.9	101.6	131.2	164.7	203.3	248.0	296.4
-20°	0.0	13.2	31.4	52.2	74.2	98.9	127.2	159.4	195.6	236.9	282.0



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 CATALOG NUMBER: GFLD-SA1E-927-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	13.0	30.8	50.9	72.4	96.0	123.1	153.7	187.7	225.5	267.2
-25°	0.0	12.8	30.1	49.6	70.4	93.1	118.8	147.6	179.4	213.7	252.0
-27.5°	0.0	12.5	29.3	48.2	68.3	90.1	114.3	141.3	170.9	202.3	237.5
-30°	0.0	12.3	28.5	46.6	66.0	86.9	109.6	134.6	162.7	191.9	223.2
-32.5°	0.0	12.0	27.6	45.0	63.6	83.5	104.7	128.4	154.6	181.4	208.8
-35°	0.0	11.7	26.7	43.3	61.2	79.9	100.1	122.3	146.2	170.9	194.7
-37.5°	0.0	11.3	25.7	41.5	58.5	76.3	95.5	116.0	137.6	160.5	183.0
-40°	0.0	10.9	24.7	39.6	55.8	72.9	90.8	109.7	128.8	150.4	171.9
-42.5°	0.0	10.5	23.6	37.6	53.1	69.3	86.0	103.2	120.8	140.6	160.6
-45°	0.0	10.1	22.5	35.6	50.4	65.7	81.0	97.0	113.4	130.8	149.2
-47.5°	0.0	9.7	21.4	33.5	47.6	61.9	75.9	91.0	105.9	121.0	138.3
-50°	0.0	9.2	20.2	31.7	44.8	58.0	71.2	84.9	98.5	112.7	127.5
-52.5°	0.0	8.8	19.0	29.8	41.8	54.0	66.5	78.7	91.4	104.3	116.9
-55°	0.0	8.3	17.7	27.9	38.7	50.2	61.7	72.5	84.3	95.8	107.5
-57.5°	0.0	7.8	16.4	26.0	35.6	46.3	56.8	66.9	77.1	87.6	98.0
-60°	0.0	7.2	15.1	24.0	32.4	42.4	51.9	61.3	69.9	79.5	88.6
-62.5°	0.0	6.7	14.0	22.0	29.7	38.3	47.2	55.6	63.5	71.2	79.6
-65°	0.0	6.1	12.8	19.9	27.0	34.2	42.3	49.9	57.0	63.8	70.6
-67.5°	0.0	5.5	11.6	17.8	24.2	30.4	37.4	44.2	50.5	56.6	62.3
-70°	0.0	5.0	10.4	15.6	21.4	26.9	32.4	38.5	44.2	49.2	54.3
-72.5°	0.0	4.4	9.1	13.7	18.5	23.4	28.1	32.8	37.9	42.4	46.5
-75°	0.0	3.8	7.9	11.8	15.6	19.8	23.9	27.8	31.5	35.6	39.2
-77.5°	0.0	3.1	6.6	9.8	13.0	16.2	19.6	22.9	26.1	29.0	31.9
-80°	0.0	2.5	5.3	7.9	10.4	12.9	15.3	18.0	20.6	23.0	25.3
-82.5°	0.0	1.9	4.0	5.9	7.8	9.7	11.5	13.3	15.2	17.1	18.9
-85°	0.0	1.3	2.7	4.0	5.2	6.5	7.7	8.9	10.1	11.3	12.5
-87.5°	0.0	0.6	1.3	2.0	2.6	3.2	3.8	4.4	5.1	5.7	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: P558594 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-927-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°	5.9	6.2	6.4	6.5	6.8	7.0	7.2	7.4	7.5	7.6	7.7
85°	11.8	12.4	13.8	15.3	16.7	18.0	19.2	20.2	21.0	21.7	22.2
82.5°	23.2	25.7	28.0	30.3	32.3	34.1	35.8	37.8	39.4	40.7	41.8
80°	35.6	39.0	43.1	46.9	50.4	53.6	56.5	59.0	61.1	63.1	65.1
77.5°	50.0	55.5	60.6	65.3	69.8	75.1	80.0	84.5	88.0	90.6	92.6
75°	65.5	72.0	79.4	86.8	93.7	100.1	106.3	113.8	119.9	124.5	128.2
72.5°	82.1	91.4	100.5	109.3	119.5	129.3	138.9	148.2	156.3	162.3	167.1
70°	100.0	110.8	123.4	136.1	148.3	160.7	173.9	185.9	195.9	202.9	209.6
67.5°	118.3	133.5	148.3	163.7	181.0	196.7	211.1	226.4	239.8	248.6	256.3
65°	139.3	156.4	176.2	196.5	215.5	235.2	253.4	269.9	286.9	299.1	309.3
62.5°	159.7	183.6	207.0	230.8	254.7	276.1	299.9	321.1	338.2	355.8	370.8
60°	183.8	212.3	241.0	269.6	296.3	326.4	352.5	377.2	400.0	419.6	438.2
57.5°	207.9	244.7	278.6	312.2	347.5	379.7	410.4	438.1	465.3	488.0	510.3
55°	233.2	280.6	319.8	361.2	400.1	436.4	471.0	505.6	534.6	565.9	593.1
52.5°	261.4	315.5	366.1	411.7	455.6	497.5	538.8	580.5	621.2	653.6	684.4
50°	287.7	352.2	413.1	465.1	515.5	565.3	616.9	669.0	713.9	751.0	783.0
47.5°	316.7	386.2	463.6	521.2	581.7	643.4	706.0	763.5	812.4	862.9	898.3
45°	344.9	420.7	504.7	584.6	654.6	729.3	798.2	861.8	932.6	987.7	1035.0
42.5°	370.6	453.4	546.9	648.6	736.1	816.3	890.9	980.2	1061.6	1126.0	1185.0
40°	397.1	483.1	585.2	708.0	817.4	903.0	993.8	1092.5	1198.4	1277.7	1348.2
37.5°	421.4	513.5	620.3	753.4	897.4	991.5	1091.9	1199.0	1319.7	1439.1	1523.8
35°	442.8	539.3	655.1	790.3	937.7	1077.3	1183.5	1297.5	1429.7	1584.5	1700.2
32.5°	462.3	560.3	682.7	819.1	968.6	1132.2	1267.0	1384.1	1516.7	1676.4	1872.9
30°	478.1	580.7	703.3	839.9	989.8	1152.8	1323.9	1451.5	1577.4	1734.1	1917.0
27.5°	490.1	595.6	717.5	852.9	1001.2	1162.3	1327.0	1484.4	1606.2	1753.6	1920.0
25°	499.4	607.9	725.0	857.7	1002.8	1158.1	1316.6	1465.5	1602.2	1732.2	1881.5
22.5°	507.0	616.3	733.2	854.4	995.3	1143.2	1292.2	1434.2	1566.5	1688.3	1816.7
20°	512.8	621.7	737.4	857.5	982.6	1119.0	1261.5	1396.6	1524.5	1642.3	1746.9
17.5°	515.3	623.3	737.4	857.0	980.5	1099.8	1223.8	1353.7	1479.4	1596.5	1699.8
15°	514.9	621.2	733.3	852.4	974.0	1092.2	1206.5	1313.7	1430.7	1549.2	1652.0
12.5°	511.5	615.6	725.3	843.9	963.6	1080.4	1192.6	1300.2	1405.2	1504.4	1602.7
10°	505.3	606.6	713.6	831.4	949.2	1064.2	1175.0	1282.9	1386.8	1484.2	1575.8
7.5°	498.9	596.6	699.5	815.1	930.8	1043.7	1153.5	1261.7	1363.6	1460.7	1553.2
5°	490.5	585.9	688.7	799.5	911.0	1021.2	1128.6	1236.2	1335.4	1433.5	1526.3
2.5°	479.8	572.7	675.2	780.6	888.8	997.9	1101.7	1207.3	1309.0	1403.2	1494.7
0°	467.0	557.0	658.8	758.1	862.9	970.7	1070.5	1173.8	1279.5	1368.5	1458.0
-2.5°	453.1	538.2	634.9	733.7	835.0	940.7	1043.0	1141.0	1244.4	1334.3	1425.7
-5°	437.5	517.5	608.5	706.3	803.9	906.9	1011.1	1104.3	1203.0	1292.0	1381.8
-7.5°	420.5	495.1	580.0	675.4	768.4	865.5	964.2	1053.9	1149.9	1237.8	1325.4
-10°	402.5	473.0	552.3	640.5	728.1	818.7	911.4	999.2	1091.5	1179.1	1263.3
-12.5°	385.2	451.3	523.7	603.9	685.7	769.4	855.6	940.3	1028.0	1116.0	1194.7
-15°	367.2	428.4	494.2	566.1	641.4	718.0	797.2	877.3	959.6	1045.7	1118.4
-17.5°	348.5	404.6	464.1	527.4	595.6	664.9	737.8	815.0	890.3	968.8	1039.1
-20°	329.4	380.1	433.7	488.3	548.8	615.3	683.4	752.8	821.2	889.5	955.6



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 CATALOG NUMBER: GFLD-SA1E-927-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°	310.0	355.2	403.9	451.9	509.5	569.5	629.3	689.6	750.9	809.7	872.2
-25°	291.2	331.9	375.0	421.7	471.1	524.0	575.4	626.4	680.7	735.8	789.6
-27.5°	273.2	309.1	349.8	391.4	432.6	479.7	524.6	567.8	615.3	663.9	707.3
-30°	255.1	289.2	324.8	361.8	398.0	437.3	476.2	514.0	552.7	594.4	632.0
-32.5°	238.3	269.4	301.8	334.2	365.0	395.5	431.4	465.0	496.7	526.4	559.2
-35°	223.0	251.5	279.7	307.6	332.9	359.8	389.8	418.1	443.5	467.4	492.5
-37.5°	208.5	233.9	257.6	282.6	305.1	328.1	350.2	374.7	395.3	414.4	435.0
-40°	194.0	216.7	238.1	258.9	279.5	298.7	317.6	334.3	350.8	369.2	383.4
-42.5°	179.7	200.8	219.9	235.9	255.4	271.9	286.6	300.4	314.0	328.2	339.6
-45°	167.1	185.1	202.5	217.8	232.4	246.5	259.0	269.8	282.6	292.6	301.1
-47.5°	154.4	170.0	185.9	200.0	212.2	223.7	233.0	243.8	254.3	262.9	267.9
-50°	141.9	156.1	169.6	182.8	193.8	203.0	211.0	220.0	228.7	235.9	240.7
-52.5°	130.4	142.2	154.7	166.0	176.2	184.4	192.0	199.8	206.2	211.1	217.4
-55°	119.0	129.9	140.3	150.4	159.1	166.7	174.1	181.0	186.5	190.8	196.0
-57.5°	108.3	118.1	127.2	135.7	143.5	150.0	157.3	163.2	168.3	172.3	177.6
-60°	97.8	106.7	114.9	122.3	128.7	135.1	141.0	146.5	150.9	154.9	159.8
-62.5°	87.5	95.5	102.9	109.7	115.5	120.8	126.1	130.7	134.4	138.6	142.6
-65°	77.7	84.5	91.0	97.2	102.7	107.7	112.1	115.9	119.4	123.0	126.2
-67.5°	68.0	74.3	79.8	84.7	89.8	94.7	98.8	102.2	105.2	108.1	110.9
-70°	59.3	64.4	69.4	73.8	77.6	81.7	85.7	89.0	91.6	93.9	96.1
-72.5°	50.8	55.3	59.4	63.2	66.8	70.0	73.1	76.1	78.5	80.3	81.9
-75°	42.7	46.2	49.8	53.1	56.0	58.5	60.9	63.2	65.2	66.8	68.1
-77.5°	35.0	37.9	40.6	43.2	45.3	47.3	49.1	50.8	52.3	53.5	54.4
-80°	27.4	29.6	31.8	33.9	35.5	36.9	38.0	39.0	40.1	41.3	42.3
-82.5°	20.4	21.9	23.4	24.9	26.0	26.9	27.7	28.5	29.3	30.1	30.7
-85°	13.4	14.3	15.2	16.1	16.9	17.7	18.3	18.9	19.3	19.7	20.0
-87.5°	6.7	7.1	7.5	7.9	8.3	8.7	9.1	9.4	9.6	9.8	10.0
-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: P558594 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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°	7.7	7.7	7.7	7.7	7.6	7.3	7.0	6.6	6.2	6.4	6.5
85°	22.6	22.7	22.7	22.4	22.1	22.0	22.0	21.8	21.6	21.9	22.2
82.5°	42.6	42.9	43.0	42.8	42.3	42.5	42.6	42.5	42.3	42.6	42.8
80°	66.6	67.2	67.3	66.8	65.9	66.1	66.1	65.9	65.5	65.6	65.6
77.5°	94.9	96.4	96.9	96.7	95.8	95.5	94.9	93.6	91.7	91.7	91.7
75°	131.0	132.5	133.3	133.3	132.4	131.8	131.0	129.5	127.4	127.3	127.3
72.5°	170.9	173.1	174.1	175.0	174.9	174.6	173.5	171.3	168.0	167.6	168.0
70°	214.9	218.5	220.9	222.7	224.1	224.4	223.7	221.9	219.1	218.3	218.1
67.5°	263.8	269.8	274.2	277.2	280.0	282.1	282.8	282.0	279.7	278.9	279.2
65°	318.8	327.9	335.4	341.1	344.9	347.5	349.9	351.2	351.6	352.4	353.5
62.5°	382.9	394.1	404.6	411.8	415.4	418.0	425.5	429.9	431.1	431.4	433.1
60°	454.5	468.7	481.8	492.3	500.8	507.2	513.6	517.9	519.5	519.8	522.1
57.5°	532.9	550.7	566.0	582.3	593.6	600.2	608.8	617.6	622.2	623.5	629.0
55°	619.5	643.8	663.6	681.0	696.9	710.8	722.6	731.7	738.5	742.6	749.7
52.5°	715.3	743.9	764.6	785.1	807.8	823.8	834.3	851.2	863.3	870.0	878.6
50°	820.5	852.3	880.6	902.0	928.5	950.4	966.3	982.3	993.4	999.8	1008.1
47.5°	940.3	979.4	1012.3	1032.2	1062.8	1088.6	1099.0	1111.1	1132.1	1142.2	1151.0
45°	1075.1	1125.1	1161.6	1192.7	1219.1	1248.0	1267.0	1280.6	1301.3	1311.7	1318.2
42.5°	1235.6	1291.2	1339.3	1376.6	1398.8	1436.3	1463.6	1471.3	1500.6	1520.5	1526.3
40°	1415.5	1477.2	1540.5	1583.1	1618.8	1656.9	1702.0	1727.1	1751.9	1771.4	1775.8
37.5°	1603.0	1685.5	1757.9	1812.8	1871.8	1928.0	1975.9	2001.9	2018.2	2055.5	2069.4
35°	1793.6	1878.7	1980.1	2065.5	2137.1	2206.4	2261.0	2304.0	2344.9	2378.5	2398.6
32.5°	1956.0	2047.5	2172.8	2300.5	2377.8	2452.9	2542.6	2591.7	2646.3	2690.6	2722.9
30°	2089.3	2176.4	2290.4	2450.8	2556.5	2632.7	2746.1	2814.1	2873.6	2948.6	2974.7
27.5°	2095.7	2231.8	2332.6	2470.7	2629.4	2706.7	2790.7	2914.2	2951.7	3058.6	3074.0
25°	2040.6	2183.6	2287.1	2402.4	2534.4	2628.4	2705.1	2807.9	2861.7	2930.4	2983.2
22.5°	1954.6	2080.6	2186.2	2284.0	2387.0	2472.6	2542.7	2614.9	2673.9	2727.3	2776.9
20°	1859.6	1979.1	2079.4	2163.4	2245.0	2324.4	2387.4	2448.1	2499.2	2545.0	2573.2
17.5°	1792.7	1878.7	1981.1	2067.2	2137.9	2200.3	2265.5	2316.2	2361.0	2402.2	2428.0
15°	1747.0	1828.8	1901.7	1980.7	2055.3	2114.7	2163.8	2216.1	2254.8	2290.3	2318.2
12.5°	1699.6	1783.9	1860.1	1925.9	1984.4	2049.2	2101.7	2142.9	2183.5	2211.3	2240.0
10°	1660.0	1738.8	1818.0	1887.4	1948.9	2002.3	2052.0	2098.2	2134.7	2165.9	2188.5
7.5°	1637.0	1714.3	1785.4	1852.1	1911.9	1968.9	2020.2	2062.5	2098.7	2131.0	2154.7
5°	1610.3	1686.9	1757.9	1826.0	1883.5	1938.2	1989.3	2032.9	2070.3	2099.1	2121.7
2.5°	1579.7	1655.3	1726.1	1795.4	1852.8	1905.6	1953.9	1996.4	2035.4	2062.8	2082.1
0°	1544.9	1620.6	1689.8	1755.0	1812.8	1869.7	1914.1	1957.1	1995.2	2022.4	2041.6
-2.5°	1509.8	1585.0	1656.6	1719.1	1776.5	1829.0	1876.3	1916.9	1953.3	1980.3	1997.3
-5°	1463.2	1537.9	1608.5	1671.5	1731.5	1784.1	1830.2	1871.4	1906.5	1936.0	1958.9
-7.5°	1406.6	1482.2	1552.8	1617.1	1676.8	1726.5	1770.7	1812.3	1849.7	1881.9	1910.2
-10°	1344.4	1419.2	1485.9	1546.1	1601.7	1652.3	1699.4	1740.5	1774.7	1806.3	1830.1
-12.5°	1272.1	1341.3	1406.5	1465.9	1520.2	1570.9	1615.6	1654.8	1689.3	1717.2	1738.7
-15°	1192.2	1257.9	1319.7	1380.3	1437.2	1487.1	1526.5	1567.8	1597.7	1624.8	1644.1
-17.5°	1106.7	1170.2	1235.3	1296.1	1348.6	1397.8	1441.1	1478.8	1510.2	1535.1	1556.9
-20°	1020.1	1084.8	1147.4	1205.3	1255.8	1301.5	1345.3	1381.5	1413.7	1440.8	1466.3



REPORT NUMBER: P558594 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	933.2	992.4	1051.2	1107.9	1155.7	1198.8	1237.2	1271.9	1300.2	1332.1	1354.7
-25°	843.8	895.8	948.8	998.9	1044.0	1086.4	1121.2	1151.6	1181.2	1212.0	1234.0
-27.5°	754.0	799.9	843.0	887.4	926.9	963.6	996.0	1022.6	1051.2	1071.8	1096.0
-30°	665.1	706.9	742.8	773.7	810.9	842.4	867.5	893.9	917.6	937.3	957.6
-32.5°	590.0	618.5	647.2	673.0	697.8	723.7	743.9	766.9	783.2	800.1	816.6
-35°	517.8	539.7	558.8	582.9	601.5	615.6	632.5	649.3	655.8	674.2	684.1
-37.5°	452.3	466.7	484.5	501.3	515.1	525.6	540.7	549.5	554.2	566.1	572.5
-40°	396.3	405.4	422.0	433.5	441.7	449.4	461.9	467.6	474.0	479.9	480.1
-42.5°	347.0	358.7	370.0	379.0	384.3	393.0	398.8	399.5	407.8	413.0	413.8
-45°	306.7	318.6	327.5	334.2	339.4	346.9	350.7	352.7	359.5	363.1	364.7
-47.5°	275.7	284.1	291.8	296.9	303.7	309.3	312.1	315.6	320.8	324.1	326.4
-50°	248.5	255.1	261.0	265.6	272.5	277.4	280.1	284.5	288.3	290.7	292.6
-52.5°	224.6	230.5	234.5	239.1	244.8	249.1	252.5	256.8	260.0	262.1	263.8
-55°	202.2	207.7	211.7	216.6	220.7	223.7	226.6	230.7	233.9	236.0	237.4
-57.5°	182.4	186.6	190.5	195.0	198.8	202.0	204.6	206.9	209.0	210.7	212.1
-60°	163.9	167.3	170.9	174.4	177.3	179.6	182.3	184.5	185.8	186.6	187.7
-62.5°	146.1	149.1	152.3	155.2	157.5	159.4	161.6	163.4	164.6	165.5	166.2
-65°	129.1	131.8	134.5	136.8	138.8	140.5	142.1	143.3	144.2	144.9	145.5
-67.5°	113.4	115.4	117.3	118.9	120.4	121.8	123.2	124.2	124.7	125.3	125.9
-70°	98.1	99.7	101.0	102.0	102.8	104.0	105.3	106.2	106.7	107.3	107.9
-72.5°	83.3	84.5	85.5	86.4	86.9	87.6	88.5	89.2	89.8	90.2	90.4
-75°	69.1	70.1	71.0	71.6	72.0	72.5	72.9	73.2	73.2	73.4	73.5
-77.5°	55.2	56.1	57.0	57.6	57.9	58.3	58.7	58.9	58.9	59.0	58.8
-80°	43.0	43.7	44.3	44.7	45.0	45.3	45.5	45.5	45.4	45.5	45.5
-82.5°	31.3	31.9	32.3	32.7	33.0	33.3	33.5	33.7	33.8	33.8	33.8
-85°	20.3	20.5	20.8	21.0	21.2	21.3	21.4	21.4	21.4	21.4	21.4
-87.5°	10.2	10.0	9.9	9.7	9.4	9.5	9.5	9.6	9.6	9.7	9.7
-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):**

	-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°	6.7	6.9	6.4	5.9	6.4	6.9	6.7	6.5	6.4	6.2	6.6
85°	22.4	22.6	22.2	21.7	22.2	22.6	22.4	22.2	21.9	21.6	21.8
82.5°	42.9	42.8	42.4	42.0	42.4	42.8	42.9	42.8	42.6	42.3	42.5
80°	65.3	64.9	64.6	64.2	64.6	64.9	65.3	65.6	65.6	65.5	65.9
77.5°	91.5	90.9	91.8	92.4	91.8	90.9	91.5	91.7	91.7	91.7	93.6
75°	126.8	125.8	124.9	123.6	124.9	125.8	126.8	127.3	127.3	127.4	129.5
72.5°	167.8	167.1	166.3	165.1	166.3	167.1	167.8	168.0	167.6	168.0	171.3
70°	216.8	214.5	214.9	215.0	214.9	214.5	216.8	218.1	218.3	219.1	221.9
67.5°	278.4	276.3	276.6	276.3	276.6	276.3	278.4	279.2	278.9	279.7	282.0
65°	352.9	350.5	347.7	343.5	347.7	350.5	352.9	353.5	352.4	351.6	351.2
62.5°	432.8	430.8	431.9	432.9	431.9	430.8	432.8	433.1	431.4	431.1	429.9
60°	521.7	518.8	517.3	515.0	517.3	518.8	521.7	522.1	519.8	519.5	517.9
57.5°	631.4	630.9	629.6	626.2	629.6	630.9	631.4	629.0	623.5	622.2	617.6
55°	753.1	752.4	755.2	758.6	755.2	752.4	753.1	749.7	742.6	738.5	731.7
52.5°	884.9	887.2	886.4	881.7	886.4	887.2	884.9	878.6	870.0	863.3	851.2
50°	1015.4	1017.9	1020.5	1023.0	1020.5	1017.9	1015.4	1008.1	999.8	993.4	982.3
47.5°	1163.3	1169.9	1171.0	1166.4	1171.0	1169.9	1163.3	1151.0	1142.2	1132.1	1111.1
45°	1331.3	1335.3	1337.3	1341.3	1337.3	1335.3	1331.3	1318.2	1311.7	1301.3	1280.6
42.5°	1543.2	1547.8	1548.5	1552.9	1548.5	1547.8	1543.2	1526.3	1520.5	1500.6	1471.3
40°	1794.7	1802.1	1800.9	1799.0	1800.9	1802.1	1794.7	1775.8	1771.4	1751.9	1727.1
37.5°	2089.0	2101.7	2103.0	2110.8	2103.0	2101.7	2089.0	2069.4	2055.5	2018.2	2001.9
35°	2419.4	2434.3	2431.7	2435.5	2431.7	2434.3	2419.4	2398.6	2378.5	2344.9	2304.0
32.5°	2752.7	2775.0	2779.5	2798.3	2779.5	2775.0	2752.7	2722.9	2690.6	2646.3	2591.7
30°	3014.5	3045.8	3066.2	3064.7	3066.2	3045.8	3014.5	2974.7	2948.6	2873.6	2814.1
27.5°	3122.9	3163.5	3201.5	3213.0	3201.5	3163.5	3122.9	3074.0	3058.6	2951.7	2914.2
25°	3017.1	3046.7	3080.3	3098.3	3080.3	3046.7	3017.1	2983.2	2930.4	2861.7	2807.9
22.5°	2799.6	2818.9	2830.3	2821.0	2830.3	2818.9	2799.6	2776.9	2727.3	2673.9	2614.9
20°	2602.3	2626.7	2631.3	2641.1	2631.3	2626.7	2602.3	2573.2	2545.0	2499.2	2448.1
17.5°	2455.5	2471.5	2480.9	2483.0	2480.9	2471.5	2455.5	2428.0	2402.2	2361.0	2316.2
15°	2340.4	2353.2	2361.7	2365.4	2361.7	2353.2	2340.4	2318.2	2290.3	2254.8	2216.1
12.5°	2258.8	2274.5	2282.1	2286.8	2282.1	2274.5	2258.8	2240.0	2211.3	2183.5	2142.9
10°	2206.5	2221.6	2227.7	2229.9	2227.7	2221.6	2206.5	2188.5	2165.9	2134.7	2098.2
7.5°	2169.0	2178.7	2182.7	2186.0	2182.7	2178.7	2169.0	2154.7	2131.0	2098.7	2062.5
5°	2138.7	2146.4	2150.7	2155.3	2150.7	2146.4	2138.7	2121.7	2099.1	2070.3	2032.9
2.5°	2097.5	2108.5	2116.1	2120.7	2116.1	2108.5	2097.5	2082.1	2062.8	2035.4	1996.4
0°	2057.0	2067.3	2072.8	2081.7	2072.8	2067.3	2057.0	2041.6	2022.4	1995.2	1957.1
-2.5°	2012.4	2024.5	2038.7	2052.5	2038.7	2024.5	2012.4	1997.3	1980.3	1953.3	1916.9
-5°	1978.4	1994.3	1997.2	2006.1	1997.2	1994.3	1978.4	1958.9	1936.0	1906.5	1871.4
-7.5°	1927.0	1934.3	1946.5	1948.7	1946.5	1934.3	1927.0	1910.2	1881.9	1849.7	1812.3
-10°	1847.8	1859.6	1867.3	1875.1	1867.3	1859.6	1847.8	1830.1	1806.3	1774.7	1740.5
-12.5°	1754.7	1768.6	1781.0	1779.2	1781.0	1768.6	1754.7	1738.7	1717.2	1689.3	1654.8
-15°	1664.1	1677.5	1686.0	1684.8	1686.0	1677.5	1664.1	1644.1	1624.8	1597.7	1567.8
-17.5°	1574.1	1586.3	1598.6	1598.3	1598.6	1586.3	1574.1	1556.9	1535.1	1510.2	1478.8
-20°	1481.3	1491.7	1504.9	1510.4	1504.9	1491.7	1481.3	1466.3	1440.8	1413.7	1381.5



REPORT NUMBER: P558594 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-927-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°	1373.8	1387.2	1396.7	1402.6	1396.7	1387.2	1373.8	1354.7	1332.1	1300.2	1271.9
-25°	1248.6	1262.3	1269.6	1272.1	1269.6	1262.3	1248.6	1234.0	1212.0	1181.2	1151.6
-27.5°	1110.3	1125.6	1133.1	1129.3	1133.1	1125.6	1110.3	1096.0	1071.8	1051.2	1022.6
-30°	968.3	978.2	979.4	988.0	979.4	978.2	968.3	957.6	937.3	917.6	893.9
-32.5°	828.4	835.0	831.2	831.8	831.2	835.0	828.4	816.6	800.1	783.2	766.9
-35°	690.2	695.4	696.5	706.2	696.5	695.4	690.2	684.1	674.2	655.8	649.3
-37.5°	579.1	581.2	578.0	573.3	578.0	581.2	579.1	572.5	566.1	554.2	549.5
-40°	484.8	486.5	485.3	482.9	485.3	486.5	484.8	480.1	479.9	474.0	467.6
-42.5°	417.0	417.0	415.9	415.6	415.9	417.0	417.0	413.8	413.0	407.8	399.5
-45°	367.0	367.5	367.4	367.2	367.4	367.5	367.0	364.7	363.1	359.5	352.7
-47.5°	328.1	328.2	327.7	326.7	327.7	328.2	328.1	326.4	324.1	320.8	315.6
-50°	293.7	293.7	294.4	295.5	294.4	293.7	293.7	292.6	290.7	288.3	284.5
-52.5°	264.6	264.6	264.9	265.4	264.9	264.6	264.6	263.8	262.1	260.0	256.8
-55°	238.0	237.9	237.5	236.7	237.5	237.9	238.0	237.4	236.0	233.9	230.7
-57.5°	212.6	212.3	211.7	210.5	211.7	212.3	212.6	212.1	210.7	209.0	206.9
-60°	188.4	188.5	188.2	187.3	188.2	188.5	188.4	187.7	186.6	185.8	184.5
-62.5°	166.3	166.0	165.9	165.6	165.9	166.0	166.3	166.2	165.5	164.6	163.4
-65°	145.6	145.3	145.4	145.3	145.4	145.3	145.6	145.5	144.9	144.2	143.3
-67.5°	126.1	126.0	126.1	126.0	126.1	126.0	126.1	125.9	125.3	124.7	124.2
-70°	108.2	108.2	107.7	106.8	107.7	108.2	108.2	107.9	107.3	106.7	106.2
-72.5°	90.3	90.0	90.0	89.9	90.0	90.0	90.3	90.4	90.2	89.8	89.2
-75°	73.5	73.3	73.8	74.1	73.8	73.3	73.5	73.5	73.4	73.2	73.2
-77.5°	58.5	58.1	58.5	58.8	58.5	58.1	58.5	58.8	59.0	58.9	58.9
-80°	45.5	45.3	45.2	45.0	45.2	45.3	45.5	45.5	45.5	45.4	45.5
-82.5°	33.7	33.5	33.3	33.1	33.3	33.5	33.7	33.8	33.8	33.8	33.7
-85°	21.3	21.2	21.5	21.7	21.5	21.2	21.3	21.4	21.4	21.4	21.4
-87.5°	9.8	9.9	9.6	9.4	9.6	9.9	9.8	9.7	9.7	9.6	9.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558594 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-927-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°	7.0	7.3	7.6	7.7	7.7	7.7	7.7	7.7	7.6	7.5	7.4
85°	22.0	22.0	22.1	22.4	22.7	22.7	22.6	22.2	21.7	21.0	20.2
82.5°	42.6	42.5	42.3	42.8	43.0	42.9	42.6	41.8	40.7	39.4	37.8
80°	66.1	66.1	65.9	66.8	67.3	67.2	66.6	65.1	63.1	61.1	59.0
77.5°	94.9	95.5	95.8	96.7	96.9	96.4	94.9	92.6	90.6	88.0	84.5
75°	131.0	131.8	132.4	133.3	133.3	132.5	131.0	128.2	124.5	119.9	113.8
72.5°	173.5	174.6	174.9	175.0	174.1	173.1	170.9	167.1	162.3	156.3	148.2
70°	223.7	224.4	224.1	222.7	220.9	218.5	214.9	209.6	202.9	195.9	185.9
67.5°	282.8	282.1	280.0	277.2	274.2	269.8	263.8	256.3	248.6	239.8	226.4
65°	349.9	347.5	344.9	341.1	335.4	327.9	318.8	309.3	299.1	286.9	269.9
62.5°	425.5	418.0	415.4	411.8	404.6	394.1	382.9	370.8	355.8	338.2	321.1
60°	513.6	507.2	500.8	492.3	481.8	468.7	454.5	438.2	419.6	400.0	377.2
57.5°	608.8	600.2	593.6	582.3	566.0	550.7	532.9	510.3	488.0	465.3	438.1
55°	722.6	710.8	696.9	681.0	663.6	643.8	619.5	593.1	565.9	534.6	505.6
52.5°	834.3	823.8	807.8	785.1	764.6	743.9	715.3	684.4	653.6	621.2	580.5
50°	966.3	950.4	928.5	902.0	880.6	852.3	820.5	783.0	751.0	713.9	669.0
47.5°	1099.0	1088.6	1062.8	1032.2	1012.3	979.4	940.3	898.3	862.9	812.4	763.5
45°	1267.0	1248.0	1219.1	1192.7	1161.6	1125.1	1075.1	1035.0	987.7	932.6	861.8
42.5°	1463.6	1436.3	1398.8	1376.6	1339.3	1291.2	1235.6	1185.0	1126.0	1061.6	980.2
40°	1702.0	1656.9	1618.8	1583.1	1540.5	1477.2	1415.5	1348.2	1277.7	1198.4	1092.5
37.5°	1975.9	1928.0	1871.8	1812.8	1757.9	1685.5	1603.0	1523.8	1439.1	1319.7	1199.0
35°	2261.0	2206.4	2137.1	2065.5	1980.1	1878.7	1793.6	1700.2	1584.5	1429.7	1297.5
32.5°	2542.6	2452.9	2377.8	2300.5	2172.8	2047.5	1956.0	1872.9	1676.4	1516.7	1384.1
30°	2746.1	2632.7	2556.5	2450.8	2290.4	2176.4	2089.3	1917.0	1734.1	1577.4	1451.5
27.5°	2790.7	2706.7	2629.4	2470.7	2332.6	2231.8	2095.7	1920.0	1753.6	1606.2	1484.4
25°	2705.1	2628.4	2534.4	2402.4	2287.1	2183.6	2040.6	1881.5	1732.2	1602.2	1465.5
22.5°	2542.7	2472.6	2387.0	2284.0	2186.2	2080.6	1954.6	1816.7	1688.3	1566.5	1434.2
20°	2387.4	2324.4	2245.0	2163.4	2079.4	1979.1	1859.6	1746.9	1642.3	1524.5	1396.6
17.5°	2265.5	2200.3	2137.9	2067.2	1981.1	1878.7	1792.7	1699.8	1596.5	1479.4	1353.7
15°	2163.8	2114.7	2055.3	1980.7	1901.7	1828.8	1747.0	1652.0	1549.2	1430.7	1313.7
12.5°	2101.7	2049.2	1984.4	1925.9	1860.1	1783.9	1699.6	1602.7	1504.4	1405.2	1300.2
10°	2052.0	2002.3	1948.9	1887.4	1818.0	1738.8	1660.0	1575.8	1484.2	1386.8	1282.9
7.5°	2020.2	1968.9	1911.9	1852.1	1785.4	1714.3	1637.0	1553.2	1460.7	1363.6	1261.7
5°	1989.3	1938.2	1883.5	1826.0	1757.9	1686.9	1610.3	1526.3	1433.5	1335.4	1236.2
2.5°	1953.9	1905.6	1852.8	1795.4	1726.1	1655.3	1579.7	1494.7	1403.2	1309.0	1207.3
0°	1914.1	1869.7	1812.8	1755.0	1689.8	1620.6	1544.9	1458.0	1368.5	1279.5	1173.8
-2.5°	1876.3	1829.0	1776.5	1719.1	1656.6	1585.0	1509.8	1425.7	1334.3	1244.4	1141.0
-5°	1830.2	1784.1	1731.5	1671.5	1608.5	1537.9	1463.2	1381.8	1292.0	1203.0	1104.3
-7.5°	1770.7	1726.5	1676.8	1617.1	1552.8	1482.2	1406.6	1325.4	1237.8	1149.9	1053.9
-10°	1699.4	1652.3	1601.7	1546.1	1485.9	1419.2	1344.4	1263.3	1179.1	1091.5	999.2
-12.5°	1615.6	1570.9	1520.2	1465.9	1406.5	1341.3	1272.1	1194.7	1116.0	1028.0	940.3
-15°	1526.5	1487.1	1437.2	1380.3	1319.7	1257.9	1192.2	1118.4	1045.7	959.6	877.3
-17.5°	1441.1	1397.8	1348.6	1296.1	1235.3	1170.2	1106.7	1039.1	968.8	890.3	815.0
-20°	1345.3	1301.5	1255.8	1205.3	1147.4	1084.8	1020.1	955.6	889.5	821.2	752.8



REPORT NUMBER: P558594 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-927-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1237.2	1198.8	1155.7	1107.9	1051.2	992.4	933.2	872.2	809.7	750.9	689.6
-25°	1121.2	1086.4	1044.0	998.9	948.8	895.8	843.8	789.6	735.8	680.7	626.4
-27.5°	996.0	963.6	926.9	887.4	843.0	799.9	754.0	707.3	663.9	615.3	567.8
-30°	867.5	842.4	810.9	773.7	742.8	706.9	665.1	632.0	594.4	552.7	514.0
-32.5°	743.9	723.7	697.8	673.0	647.2	618.5	590.0	559.2	526.4	496.7	465.0
-35°	632.5	615.6	601.5	582.9	558.8	539.7	517.8	492.5	467.4	443.5	418.1
-37.5°	540.7	525.6	515.1	501.3	484.5	466.7	452.3	435.0	414.4	395.3	374.7
-40°	461.9	449.4	441.7	433.5	422.0	405.4	396.3	383.4	369.2	350.8	334.3
-42.5°	398.8	393.0	384.3	379.0	370.0	358.7	347.0	339.6	328.2	314.0	300.4
-45°	350.7	346.9	339.4	334.2	327.5	318.6	306.7	301.1	292.6	282.6	269.8
-47.5°	312.1	309.3	303.7	296.9	291.8	284.1	275.7	267.9	262.9	254.3	243.8
-50°	280.1	277.4	272.5	265.6	261.0	255.1	248.5	240.7	235.9	228.7	220.0
-52.5°	252.5	249.1	244.8	239.1	234.5	230.5	224.6	217.4	211.1	206.2	199.8
-55°	226.6	223.7	220.7	216.6	211.7	207.7	202.2	196.0	190.8	186.5	181.0
-57.5°	204.6	202.0	198.8	195.0	190.5	186.6	182.4	177.6	172.3	168.3	163.2
-60°	182.3	179.6	177.3	174.4	170.9	167.3	163.9	159.8	154.9	150.9	146.5
-62.5°	161.6	159.4	157.5	155.2	152.3	149.1	146.1	142.6	138.6	134.4	130.7
-65°	142.1	140.5	138.8	136.8	134.5	131.8	129.1	126.2	123.0	119.4	115.9
-67.5°	123.2	121.8	120.4	118.9	117.3	115.4	113.4	110.9	108.1	105.2	102.2
-70°	105.3	104.0	102.8	102.0	101.0	99.7	98.1	96.1	93.9	91.6	89.0
-72.5°	88.5	87.6	86.9	86.4	85.5	84.5	83.3	81.9	80.3	78.5	76.1
-75°	72.9	72.5	72.0	71.6	71.0	70.1	69.1	68.1	66.8	65.2	63.2
-77.5°	58.7	58.3	57.9	57.6	57.0	56.1	55.2	54.4	53.5	52.3	50.8
-80°	45.5	45.3	45.0	44.7	44.3	43.7	43.0	42.3	41.3	40.1	39.0
-82.5°	33.5	33.3	33.0	32.7	32.3	31.9	31.3	30.7	30.1	29.3	28.5
-85°	21.4	21.3	21.2	21.0	20.8	20.5	20.3	20.0	19.7	19.3	18.9
-87.5°	9.5	9.5	9.4	9.7	9.9	10.0	10.2	10.0	9.8	9.6	9.4
-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: P558594 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-927-U-WAF-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°	7.2	7.0	6.8	6.5	6.4	6.2	5.9	5.6	5.1	4.6	4.1
85°	19.2	18.0	16.7	15.3	13.8	12.4	11.8	11.2	10.3	9.3	8.2
82.5°	35.8	34.1	32.3	30.3	28.0	25.7	23.2	20.5	17.3	14.2	12.3
80°	56.5	53.6	50.4	46.9	43.1	39.0	35.6	31.8	27.3	22.9	18.6
77.5°	80.0	75.1	69.8	65.3	60.6	55.5	50.0	43.8	37.2	31.5	26.0
75°	106.3	100.1	93.7	86.8	79.4	72.0	65.5	57.9	48.9	40.2	33.2
72.5°	138.9	129.3	119.5	109.3	100.5	91.4	82.1	71.8	61.3	51.0	40.9
70°	173.9	160.7	148.3	136.1	123.4	110.8	100.0	87.3	73.4	61.5	50.0
67.5°	211.1	196.7	181.0	163.7	148.3	133.5	118.3	102.9	87.4	72.0	59.0
65°	253.4	235.2	215.5	196.5	176.2	156.4	139.3	119.1	101.0	84.0	67.7
62.5°	299.9	276.1	254.7	230.8	207.0	183.6	159.7	136.9	114.8	95.8	77.4
60°	352.5	326.4	296.3	269.6	241.0	212.3	183.8	154.1	130.0	107.2	87.3
57.5°	410.4	379.7	347.5	312.2	278.6	244.7	207.9	173.8	144.7	119.6	96.9
55°	471.0	436.4	400.1	361.2	319.8	280.6	233.2	193.9	159.5	131.9	105.7
52.5°	538.8	497.5	455.6	411.7	366.1	315.5	261.4	212.9	176.1	143.7	115.2
50°	616.9	565.3	515.5	465.1	413.1	352.2	287.7	235.6	191.7	155.6	124.2
47.5°	706.0	643.4	581.7	521.2	463.6	386.2	316.7	257.3	206.2	168.2	132.5
45°	798.2	729.3	654.6	584.6	504.7	420.7	344.9	277.2	223.8	179.3	140.2
42.5°	890.9	816.3	736.1	648.6	546.9	453.4	370.6	299.6	240.0	189.4	148.3
40°	993.8	903.0	817.4	708.0	585.2	483.1	397.1	320.6	254.6	199.6	156.4
37.5°	1091.9	991.5	897.4	753.4	620.3	513.5	421.4	339.4	267.9	210.7	163.8
35°	1183.5	1077.3	937.7	790.3	655.1	539.3	442.8	357.2	282.1	220.4	170.4
32.5°	1267.0	1132.2	968.6	819.1	682.7	560.3	462.3	372.9	294.2	228.8	176.2
30°	1323.9	1152.8	989.8	839.9	703.3	580.7	478.1	386.0	304.2	235.9	181.7
27.5°	1327.0	1162.3	1001.2	852.9	717.5	595.6	490.1	396.5	312.3	242.5	187.3
25°	1316.6	1158.1	1002.8	857.7	725.0	607.9	499.4	404.3	319.7	248.9	191.9
22.5°	1292.2	1143.2	995.3	854.4	733.2	616.3	507.0	411.0	325.6	253.7	195.5
20°	1261.5	1119.0	982.6	857.5	737.4	621.7	512.8	415.3	329.5	256.9	198.0
17.5°	1223.8	1099.8	980.5	857.0	737.4	623.3	515.3	417.3	331.3	258.7	199.7
15°	1206.5	1092.2	974.0	852.4	733.3	621.2	514.9	417.0	331.2	259.1	200.8
12.5°	1192.6	1080.4	963.6	843.9	725.3	615.6	511.5	414.6	329.3	259.1	201.6
10°	1175.0	1064.2	949.2	831.4	713.6	606.6	505.3	410.8	328.3	258.7	201.7
7.5°	1153.5	1043.7	930.8	815.1	699.5	596.6	498.9	406.6	326.2	257.1	201.0
5°	1128.6	1021.2	911.0	799.5	688.7	585.9	490.5	400.3	322.7	254.6	199.5
2.5°	1101.7	997.9	888.8	780.6	675.2	572.7	479.8	392.2	317.9	251.0	197.4
0°	1070.5	970.7	862.9	758.1	658.8	557.0	467.0	382.5	311.9	246.6	194.7
-2.5°	1043.0	940.7	835.0	733.7	634.9	538.2	453.1	372.7	305.2	242.2	191.8
-5°	1011.1	906.9	803.9	706.3	608.5	517.5	437.5	361.7	297.4	237.1	188.4
-7.5°	964.2	865.5	768.4	675.4	580.0	495.1	420.5	349.5	288.6	231.3	184.5
-10°	911.4	818.7	728.1	640.5	552.3	473.0	402.5	336.3	279.0	224.8	180.1
-12.5°	855.6	769.4	685.7	603.9	523.7	451.3	385.2	323.4	268.8	217.8	175.2
-15°	797.2	718.0	641.4	566.1	494.2	428.4	367.2	310.3	258.7	210.5	169.9
-17.5°	737.8	664.9	595.6	527.4	464.1	404.6	348.5	296.4	248.0	203.3	164.7
-20°	683.4	615.3	548.8	488.3	433.7	380.1	329.4	282.0	236.9	195.6	159.4



REPORT NUMBER: P558594 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-927-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	629.3	569.5	509.5	451.9	403.9	355.2	310.0	267.2	225.5	187.7	153.7
-25°	575.4	524.0	471.1	421.7	375.0	331.9	291.2	252.0	213.7	179.4	147.6
-27.5°	524.6	479.7	432.6	391.4	349.8	309.1	273.2	237.5	202.3	170.9	141.3
-30°	476.2	437.3	398.0	361.8	324.8	289.2	255.1	223.2	191.9	162.7	134.6
-32.5°	431.4	395.5	365.0	334.2	301.8	269.4	238.3	208.8	181.4	154.6	128.4
-35°	389.8	359.8	332.9	307.6	279.7	251.5	223.0	194.7	170.9	146.2	122.3
-37.5°	350.2	328.1	305.1	282.6	257.6	233.9	208.5	183.0	160.5	137.6	116.0
-40°	317.6	298.7	279.5	258.9	238.1	216.7	194.0	171.9	150.4	128.8	109.7
-42.5°	286.6	271.9	255.4	235.9	219.9	200.8	179.7	160.6	140.6	120.8	103.2
-45°	259.0	246.5	232.4	217.8	202.5	185.1	167.1	149.2	130.8	113.4	97.0
-47.5°	233.0	223.7	212.2	200.0	185.9	170.0	154.4	138.3	121.0	105.9	91.0
-50°	211.0	203.0	193.8	182.8	169.6	156.1	141.9	127.5	112.7	98.5	84.9
-52.5°	192.0	184.4	176.2	166.0	154.7	142.2	130.4	116.9	104.3	91.4	78.7
-55°	174.1	166.7	159.1	150.4	140.3	129.9	119.0	107.5	95.8	84.3	72.5
-57.5°	157.3	150.0	143.5	135.7	127.2	118.1	108.3	98.0	87.6	77.1	66.9
-60°	141.0	135.1	128.7	122.3	114.9	106.7	97.8	88.6	79.5	69.9	61.3
-62.5°	126.1	120.8	115.5	109.7	102.9	95.5	87.5	79.6	71.2	63.5	55.6
-65°	112.1	107.7	102.7	97.2	91.0	84.5	77.7	70.6	63.8	57.0	49.9
-67.5°	98.8	94.7	89.8	84.7	79.8	74.3	68.0	62.3	56.6	50.5	44.2
-70°	85.7	81.7	77.6	73.8	69.4	64.4	59.3	54.3	49.2	44.2	38.5
-72.5°	73.1	70.0	66.8	63.2	59.4	55.3	50.8	46.5	42.4	37.9	32.8
-75°	60.9	58.5	56.0	53.1	49.8	46.2	42.7	39.2	35.6	31.5	27.8
-77.5°	49.1	47.3	45.3	43.2	40.6	37.9	35.0	31.9	29.0	26.1	22.9
-80°	38.0	36.9	35.5	33.9	31.8	29.6	27.4	25.3	23.0	20.6	18.0
-82.5°	27.7	26.9	26.0	24.9	23.4	21.9	20.4	18.9	17.1	15.2	13.3
-85°	18.3	17.7	16.9	16.1	15.2	14.3	13.4	12.5	11.3	10.1	8.9
-87.5°	9.1	8.7	8.3	7.9	7.5	7.1	6.7	6.3	5.7	5.1	4.4
-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°	3.6	3.0	2.4	1.8	1.2	0.6	0.0
85°	7.1	6.0	4.9	3.7	2.5	1.2	0.0
82.5°	10.7	9.0	7.3	5.5	3.7	1.8	0.0
80°	14.5	12.0	9.7	7.4	5.0	2.4	0.0
77.5°	20.7	15.7	12.1	9.2	6.2	3.0	0.0
75°	26.8	20.6	14.7	11.0	7.4	3.6	0.0
72.5°	32.7	25.4	18.5	12.8	8.6	4.2	0.0
70°	38.8	30.1	22.2	14.7	9.8	4.8	0.0
67.5°	46.2	34.8	25.8	17.3	10.9	5.4	0.0
65°	53.4	39.9	29.3	19.9	12.0	5.9	0.0
62.5°	60.4	45.5	32.7	22.4	13.1	6.5	0.0
60°	67.1	50.9	36.0	24.8	14.2	7.0	0.0
57.5°	74.7	56.1	40.0	27.2	15.7	7.5	0.0
55°	82.0	61.1	43.9	29.5	17.2	8.0	0.0
52.5°	89.0	65.9	47.6	31.6	18.7	8.5	0.0
50°	95.6	71.3	51.1	33.8	20.1	9.0	0.0
47.5°	101.8	76.3	54.4	35.9	21.4	9.4	0.0
45°	108.4	81.0	57.5	38.2	22.7	9.9	0.0
42.5°	114.4	85.3	60.5	40.4	23.9	10.3	0.0
40°	119.9	89.3	63.4	42.5	25.1	10.7	0.0
37.5°	124.9	93.0	66.4	44.5	26.2	11.1	0.0
35°	129.3	96.6	69.1	46.3	27.2	11.4	0.0
32.5°	133.5	100.0	71.6	48.1	28.2	11.8	0.0
30°	138.1	103.0	73.8	49.7	29.1	12.1	0.0
27.5°	142.0	105.5	75.8	51.1	29.9	12.3	0.0
25°	145.4	107.7	77.7	52.4	30.7	12.6	0.0
22.5°	148.1	109.6	79.2	53.6	31.4	12.8	0.0
20°	150.2	111.5	80.6	54.6	32.0	13.0	0.0
17.5°	152.1	113.0	81.6	55.5	32.5	13.2	0.0
15°	153.6	114.2	82.4	56.3	33.0	13.4	0.0
12.5°	154.5	115.1	83.0	56.9	33.3	13.5	0.0
10°	154.9	115.7	83.3	57.4	33.7	13.6	0.0
7.5°	154.7	115.9	83.5	57.7	33.9	13.7	0.0
5°	154.0	115.8	83.3	57.9	34.0	13.8	0.0
2.5°	152.8	115.4	83.0	57.9	34.1	13.8	0.0
0°	151.2	114.7	82.5	57.8	34.1	13.8	0.0
-2.5°	149.5	113.6	82.1	57.5	34.0	13.8	0.0
-5°	147.3	112.2	81.5	57.1	33.9	13.8	0.0
-7.5°	144.8	110.6	80.8	56.6	33.6	13.8	0.0
-10°	141.9	108.7	79.8	56.0	33.3	13.7	0.0
-12.5°	138.7	106.5	78.7	55.2	32.9	13.6	0.0
-15°	135.1	104.2	77.4	54.3	32.5	13.5	0.0
-17.5°	131.2	101.6	75.9	53.3	32.0	13.4	0.0
-20°	127.2	98.9	74.2	52.2	31.4	13.2	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	123.1	96.0	72.4	50.9	30.8	13.0	0.0
-25°	118.8	93.1	70.4	49.6	30.1	12.8	0.0
-27.5°	114.3	90.1	68.3	48.2	29.3	12.5	0.0
-30°	109.6	86.9	66.0	46.6	28.5	12.3	0.0
-32.5°	104.7	83.5	63.6	45.0	27.6	12.0	0.0
-35°	100.1	79.9	61.2	43.3	26.7	11.7	0.0
-37.5°	95.5	76.3	58.5	41.5	25.7	11.3	0.0
-40°	90.8	72.9	55.8	39.6	24.7	10.9	0.0
-42.5°	86.0	69.3	53.1	37.6	23.6	10.5	0.0
-45°	81.0	65.7	50.4	35.6	22.5	10.1	0.0
-47.5°	75.9	61.9	47.6	33.5	21.4	9.7	0.0
-50°	71.2	58.0	44.8	31.7	20.2	9.2	0.0
-52.5°	66.5	54.0	41.8	29.8	19.0	8.8	0.0
-55°	61.7	50.2	38.7	27.9	17.7	8.3	0.0
-57.5°	56.8	46.3	35.6	26.0	16.4	7.8	0.0
-60°	51.9	42.4	32.4	24.0	15.1	7.2	0.0
-62.5°	47.2	38.3	29.7	22.0	14.0	6.7	0.0
-65°	42.3	34.2	27.0	19.9	12.8	6.1	0.0
-67.5°	37.4	30.4	24.2	17.8	11.6	5.5	0.0
-70°	32.4	26.9	21.4	15.6	10.4	5.0	0.0
-72.5°	28.1	23.4	18.5	13.7	9.1	4.4	0.0
-75°	23.9	19.8	15.6	11.8	7.9	3.8	0.0
-77.5°	19.6	16.2	13.0	9.8	6.6	3.1	0.0
-80°	15.3	12.9	10.4	7.9	5.3	2.5	0.0
-82.5°	11.5	9.7	7.8	5.9	4.0	1.9	0.0
-85°	7.7	6.5	5.2	4.0	2.7	1.3	0.0
-87.5°	3.8	3.2	2.6	2.0	1.3	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)