

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: P558798 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-935-U-NAT-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558798 (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-SA3C-935-U-NAT-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR  
6x4  
Light Source: (48) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

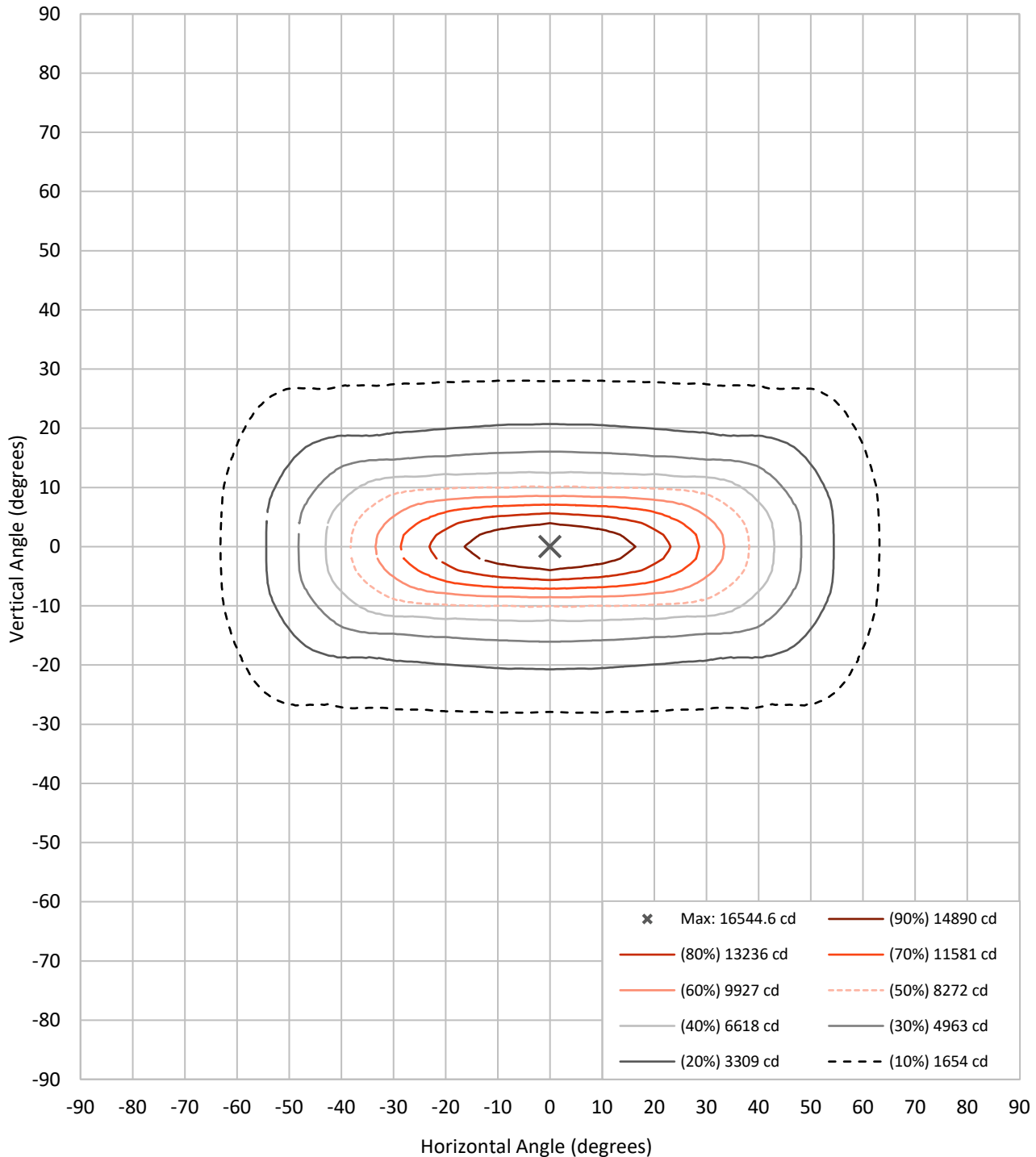
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	11848.9 lumens	Max Intensity:	16544.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	99.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	4740.7 lumens	Field Lumens:	9711.4 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 119  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): 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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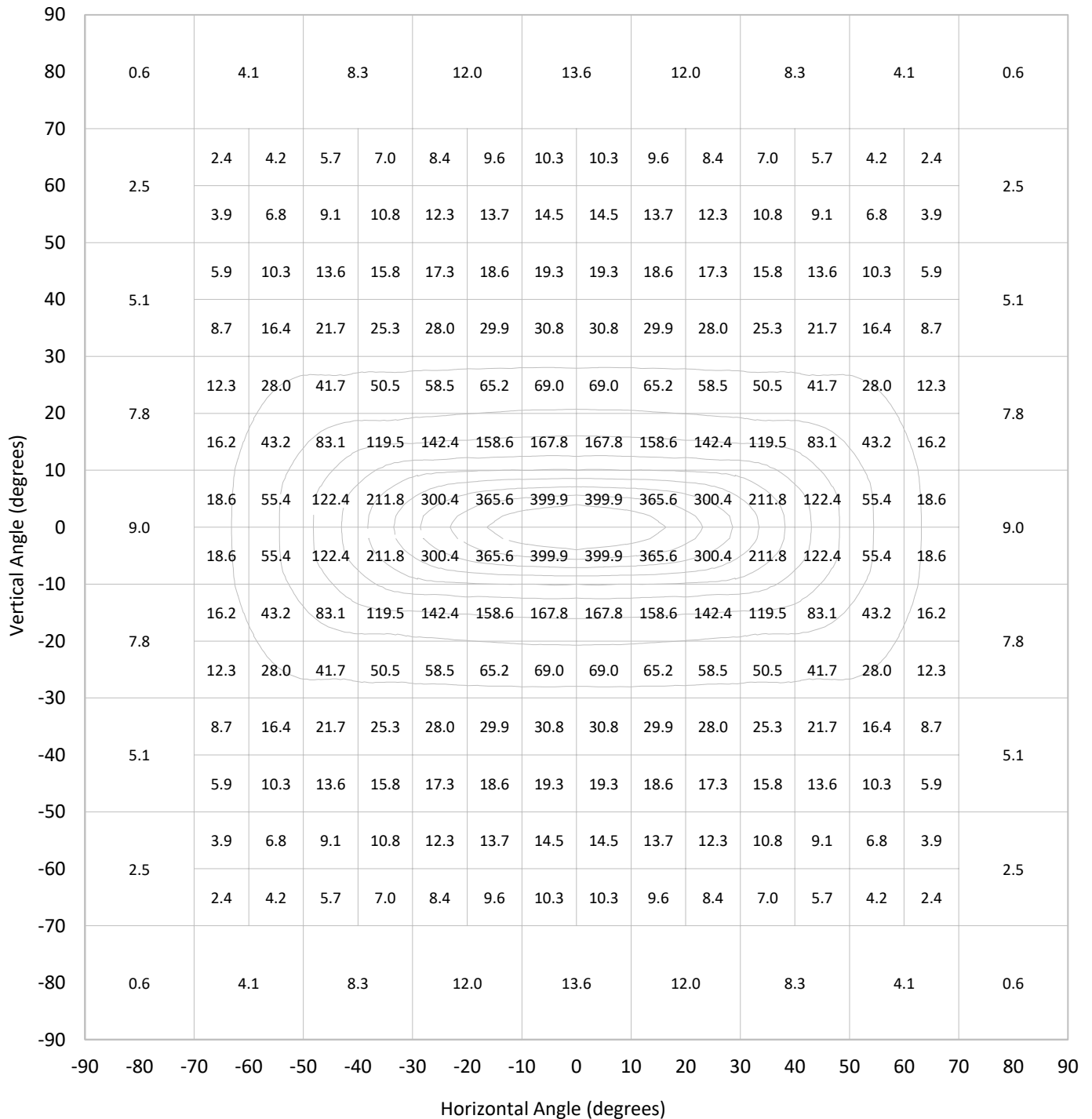
### Iso-Candela Plot





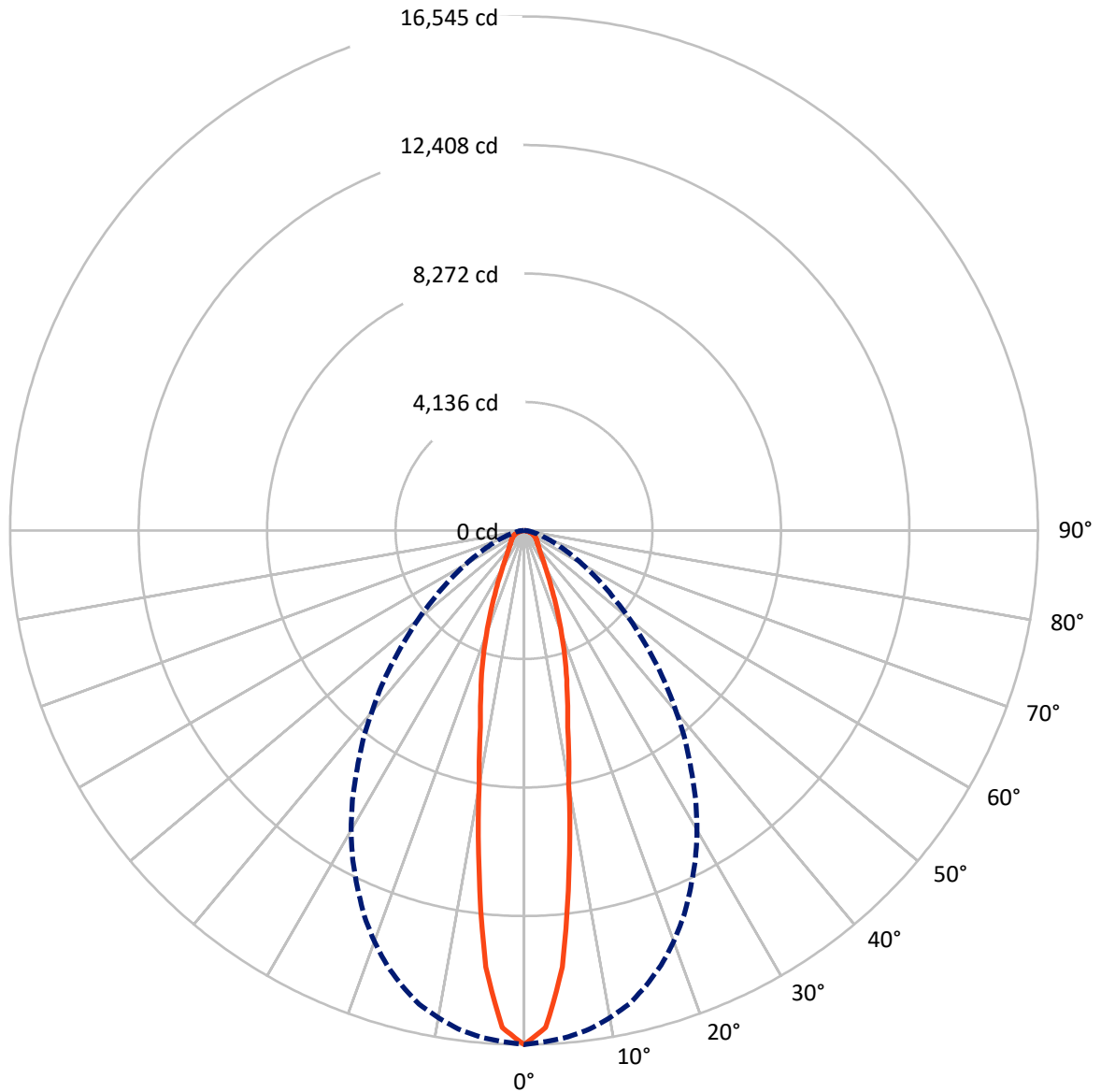
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### Lumen Table



REPORT NUMBER: P558798 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3C-935-U-NAT-XX

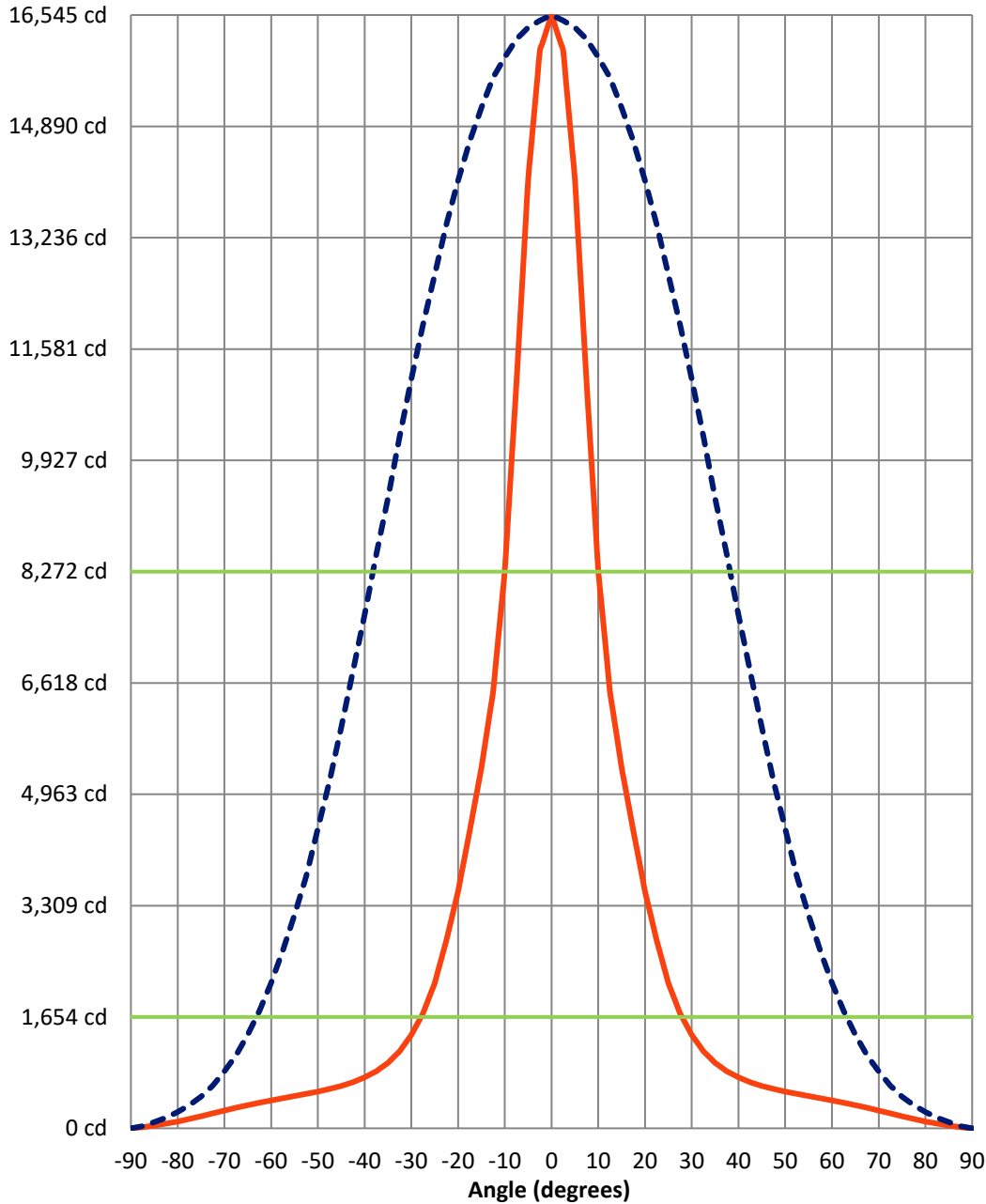
### Luminous Intensity Polar Plot



— 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: 4740.7  
 Efficiency: 40.0%

**Field:**  
 H Angle: 126.3°  
 V Angle: 55.8°  
 Lumens: 9711.4  
 Efficiency: 82.0%

**Spill:**  
 Lumens: 2137.5  
 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	1.4	2.8	3.9	5.0	5.8	6.6	7.5	8.3	9.1	9.8
85°	0.0	2.8	5.5	7.8	9.9	11.7	13.2	15.0	16.6	18.1	19.5
82.5°	0.0	4.1	8.2	11.8	14.9	17.5	19.8	22.4	25.4	30.3	34.8
80°	0.0	5.5	11.0	15.7	19.8	23.4	27.2	34.5	41.4	47.6	53.2
77.5°	0.0	6.8	13.7	19.5	24.7	31.0	39.9	48.9	57.2	64.8	72.0
75°	0.0	8.2	16.3	23.4	30.4	42.0	52.7	63.2	73.3	83.4	92.1
72.5°	0.0	9.5	19.0	27.2	39.4	53.0	65.4	78.1	91.2	102.6	112.2
70°	0.0	10.8	21.6	31.7	48.4	63.9	78.3	94.5	109.1	121.8	134.4
67.5°	0.0	12.1	24.2	38.5	57.3	74.7	93.1	110.8	127.1	143.7	157.2
65°	0.0	13.4	26.7	45.3	66.1	86.4	107.7	127.1	147.8	165.9	181.7
62.5°	0.0	14.6	29.2	51.9	74.7	99.0	122.3	145.4	168.7	188.9	209.6
60°	0.0	15.8	31.6	58.5	83.3	111.5	136.9	164.5	189.6	215.2	237.8
57.5°	0.0	17.0	35.8	64.9	93.4	123.8	153.4	183.6	213.1	241.5	268.2
55°	0.0	18.1	40.0	71.2	103.4	136.1	169.9	202.6	237.1	268.8	300.3
52.5°	0.0	19.2	44.1	77.4	113.2	148.4	186.3	224.0	261.1	299.7	333.2
50°	0.0	20.3	48.1	83.4	122.8	162.0	202.4	245.7	286.5	331.1	372.4
47.5°	0.0	21.3	51.9	89.5	132.3	175.2	218.7	267.5	315.4	363.0	413.7
45°	0.0	22.3	55.6	96.5	141.5	188.2	237.6	289.4	344.9	401.9	456.4
42.5°	0.0	23.3	59.2	103.2	150.5	200.8	256.3	313.6	374.5	441.8	505.0
40°	0.0	24.2	62.6	109.5	159.7	213.1	274.8	339.2	406.1	482.5	556.2
37.5°	0.0	25.1	65.8	115.3	169.2	225.0	293.2	364.5	442.0	525.0	609.1
35°	0.0	25.9	68.9	120.8	178.2	238.5	311.2	389.4	477.7	572.2	666.4
32.5°	0.0	26.6	71.9	125.9	186.9	252.7	329.7	413.9	513.1	620.0	729.4
30°	0.0	27.4	74.6	130.6	195.2	266.4	349.4	439.1	548.2	668.2	793.8
27.5°	0.0	28.0	77.2	134.9	202.0	279.6	368.5	467.7	584.9	716.6	859.4
25°	0.0	28.6	79.6	138.9	208.4	292.3	386.8	495.4	624.4	769.3	926.0
22.5°	0.0	29.2	81.8	142.4	214.3	303.6	404.3	522.2	663.3	823.7	998.8
20°	0.0	29.7	83.8	145.6	219.7	312.2	421.0	547.8	701.1	877.4	1071.0
17.5°	0.0	30.1	85.7	148.3	224.5	319.7	433.5	572.2	737.6	929.9	1142.0
15°	0.0	30.5	87.3	150.7	228.9	326.3	442.9	591.4	772.6	980.8	1211.2
12.5°	0.0	30.9	88.7	152.6	232.7	331.7	450.9	603.9	797.7	1029.5	1277.9
10°	0.0	31.1	89.8	154.2	235.9	336.1	457.5	614.3	813.7	1052.5	1330.0
7.5°	0.0	31.3	90.8	155.4	238.6	339.5	462.7	622.5	826.7	1067.6	1353.6
5°	0.0	31.5	91.5	156.2	240.6	341.9	466.5	628.4	836.4	1078.0	1371.9
2.5°	0.0	31.6	92.0	156.6	242.0	343.2	468.9	632.2	843.0	1083.9	1384.6
0°	0.0	31.6	92.3	156.6	242.8	343.6	469.8	633.7	846.2	1085.3	1391.3
-2.5°	0.0	31.6	92.0	156.6	242.0	343.2	468.9	632.2	843.0	1083.9	1384.6
-5°	0.0	31.5	91.5	156.2	240.6	341.9	466.5	628.4	836.4	1078.0	1371.9
-7.5°	0.0	31.3	90.8	155.4	238.6	339.5	462.7	622.5	826.7	1067.6	1353.6
-10°	0.0	31.1	89.8	154.2	235.9	336.1	457.5	614.3	813.7	1052.5	1330.0
-12.5°	0.0	30.9	88.7	152.6	232.7	331.7	450.9	603.9	797.7	1029.5	1277.9
-15°	0.0	30.5	87.3	150.7	228.9	326.3	442.9	591.4	772.6	980.8	1211.2
-17.5°	0.0	30.1	85.7	148.3	224.5	319.7	433.5	572.2	737.6	929.9	1142.0
-20°	0.0	29.7	83.8	145.6	219.7	312.2	421.0	547.8	701.1	877.4	1071.0



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 CATALOG NUMBER: GFLD-SA3C-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	29.2	81.8	142.4	214.3	303.6	404.3	522.2	663.3	823.7	998.8
-25°	0.0	28.6	79.6	138.9	208.4	292.3	386.8	495.4	624.4	769.3	926.0
-27.5°	0.0	28.0	77.2	134.9	202.0	279.6	368.5	467.7	584.9	716.6	859.4
-30°	0.0	27.4	74.6	130.6	195.2	266.4	349.4	439.1	548.2	668.2	793.8
-32.5°	0.0	26.6	71.9	125.9	186.9	252.7	329.7	413.9	513.1	620.0	729.4
-35°	0.0	25.9	68.9	120.8	178.2	238.5	311.2	389.4	477.7	572.2	666.4
-37.5°	0.0	25.1	65.8	115.3	169.2	225.0	293.2	364.5	442.0	525.0	609.1
-40°	0.0	24.2	62.6	109.5	159.7	213.1	274.8	339.2	406.1	482.5	556.2
-42.5°	0.0	23.3	59.2	103.2	150.5	200.8	256.3	313.6	374.5	441.8	505.0
-45°	0.0	22.3	55.6	96.5	141.5	188.2	237.6	289.4	344.9	401.9	456.4
-47.5°	0.0	21.3	51.9	89.5	132.3	175.2	218.7	267.5	315.4	363.0	413.7
-50°	0.0	20.3	48.1	83.4	122.8	162.0	202.4	245.7	286.5	331.1	372.4
-52.5°	0.0	19.2	44.1	77.4	113.2	148.4	186.3	224.0	261.1	299.7	333.2
-55°	0.0	18.1	40.0	71.2	103.4	136.1	169.9	202.6	237.1	268.8	300.3
-57.5°	0.0	17.0	35.8	64.9	93.4	123.8	153.4	183.6	213.1	241.5	268.2
-60°	0.0	15.8	31.6	58.5	83.3	111.5	136.9	164.5	189.6	215.2	237.8
-62.5°	0.0	14.6	29.2	51.9	74.7	99.0	122.3	145.4	168.7	188.9	209.6
-65°	0.0	13.4	26.7	45.3	66.1	86.4	107.7	127.1	147.8	165.9	181.7
-67.5°	0.0	12.1	24.2	38.5	57.3	74.7	93.1	110.8	127.1	143.7	157.2
-70°	0.0	10.8	21.6	31.7	48.4	63.9	78.3	94.5	109.1	121.8	134.4
-72.5°	0.0	9.5	19.0	27.2	39.4	53.0	65.4	78.1	91.2	102.6	112.2
-75°	0.0	8.2	16.3	23.4	30.4	42.0	52.7	63.2	73.3	83.4	92.1
-77.5°	0.0	6.8	13.7	19.5	24.7	31.0	39.9	48.9	57.2	64.8	72.0
-80°	0.0	5.5	11.0	15.7	19.8	23.4	27.2	34.5	41.4	47.6	53.2
-82.5°	0.0	4.1	8.2	11.8	14.9	17.5	19.8	22.4	25.4	30.3	34.8
-85°	0.0	2.8	5.5	7.8	9.9	11.7	13.2	15.0	16.6	18.1	19.5
-87.5°	0.0	1.4	2.8	3.9	5.0	5.8	6.6	7.5	8.3	9.1	9.8
-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: P558798 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-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°	10.5	11.2	11.9	12.6	13.1	13.7	14.1	14.6	15.2	15.8	16.3
85°	21.0	22.5	24.9	26.9	28.7	30.3	31.6	32.7	33.9	34.8	35.6
82.5°	38.7	41.9	44.5	46.4	48.6	50.6	52.3	53.7	55.2	56.6	57.8
80°	57.8	61.4	65.2	68.5	71.7	74.2	75.7	76.3	78.3	80.7	83.3
77.5°	78.3	83.9	88.8	93.0	96.5	99.5	101.7	103.0	106.1	109.6	112.7
75°	99.6	106.4	113.2	119.2	123.9	127.4	129.9	132.0	135.7	140.3	144.3
72.5°	121.8	130.9	139.0	146.0	152.3	157.1	160.7	163.1	166.8	172.2	176.6
70°	145.1	155.6	166.6	175.5	182.2	187.9	192.7	195.9	199.3	204.8	208.9
67.5°	169.3	184.3	196.4	205.8	213.3	220.3	225.7	229.2	230.7	236.3	240.9
65°	197.8	213.8	227.3	237.9	245.4	254.1	260.1	263.0	264.0	270.0	275.8
62.5°	226.9	244.6	259.3	271.5	281.3	289.5	296.2	300.0	300.6	305.1	311.7
60°	257.9	276.0	293.5	308.2	318.7	327.1	334.4	338.4	339.2	341.0	348.6
57.5°	290.1	309.7	330.2	346.7	358.9	365.9	373.9	378.3	380.0	378.9	386.7
55°	325.2	345.6	368.8	388.0	401.1	407.4	414.8	421.1	423.3	421.8	426.5
52.5°	365.1	385.3	410.1	431.2	445.7	453.3	458.6	466.2	469.6	468.1	467.2
50°	406.9	432.4	452.9	477.0	494.5	504.5	504.7	514.1	518.7	517.3	511.0
47.5°	454.3	483.0	498.5	526.1	548.9	560.7	561.5	565.3	570.9	572.4	567.1
45°	505.4	540.5	557.1	581.8	607.4	621.8	626.2	619.4	629.5	632.6	629.3
42.5°	559.3	604.1	630.3	640.3	670.0	690.1	697.9	693.2	692.7	699.7	699.6
40°	621.5	672.9	712.3	722.7	737.8	765.5	781.9	781.0	762.7	775.8	779.1
37.5°	688.1	754.9	803.5	825.2	813.8	850.8	874.8	884.5	873.1	860.2	874.9
35°	758.1	842.5	908.1	945.0	946.7	945.8	983.5	1003.7	1005.0	981.5	986.8
32.5°	836.4	935.5	1022.5	1082.2	1109.3	1092.6	1102.3	1144.8	1165.5	1156.5	1122.6
30°	920.5	1042.1	1148.8	1233.1	1293.7	1311.5	1271.1	1304.2	1350.2	1368.5	1353.8
27.5°	1005.6	1155.3	1290.5	1407.4	1501.3	1560.8	1562.2	1511.2	1563.3	1607.6	1624.7
25°	1092.1	1268.5	1440.8	1599.2	1741.3	1843.6	1890.8	1896.2	1823.2	1889.6	1951.4
22.5°	1184.2	1385.0	1589.5	1803.5	2001.5	2151.8	2266.0	2334.7	2332.5	2262.9	2317.2
20°	1281.7	1511.8	1749.9	2003.7	2273.8	2480.4	2671.7	2818.0	2906.1	2935.4	2878.4
17.5°	1379.0	1639.7	1918.3	2220.6	2533.2	2819.5	3106.2	3339.7	3524.7	3676.6	3730.9
15°	1475.1	1767.3	2087.4	2439.0	2800.2	3158.6	3527.2	3884.8	4199.6	4477.6	4642.3
12.5°	1569.0	1893.2	2255.1	2656.3	3070.9	3502.3	3942.2	4377.8	4831.4	5281.5	5623.6
10°	1659.5	2015.8	2419.4	2869.9	3341.4	3845.9	4356.4	4873.4	5424.4	5955.3	6466.3
7.5°	1698.2	2095.9	2560.9	3076.8	3607.3	4184.2	4764.4	5364.6	6008.3	6627.8	7251.9
5°	1722.1	2127.7	2600.7	3138.2	3728.3	4405.0	5097.3	5840.8	6575.3	7288.5	8023.9
2.5°	1738.0	2149.4	2627.2	3162.4	3746.3	4441.3	5142.2	5914.2	6738.4	7563.0	8438.5
0°	1745.8	2160.9	2640.5	3169.8	3744.0	4453.0	5159.6	5956.0	6791.2	7630.1	8526.0
-2.5°	1738.0	2149.4	2627.2	3162.4	3746.3	4441.3	5142.2	5914.2	6738.4	7563.0	8438.5
-5°	1722.1	2127.7	2600.7	3138.2	3728.3	4405.0	5097.3	5840.8	6575.3	7288.5	8023.9
-7.5°	1698.2	2095.9	2560.9	3076.8	3607.3	4184.2	4764.4	5364.6	6008.3	6627.8	7251.9
-10°	1659.5	2015.8	2419.4	2869.9	3341.4	3845.9	4356.4	4873.4	5424.4	5955.3	6466.3
-12.5°	1569.0	1893.2	2255.1	2656.3	3070.9	3502.3	3942.2	4377.8	4831.4	5281.5	5623.6
-15°	1475.1	1767.3	2087.4	2439.0	2800.2	3158.6	3527.2	3884.8	4199.6	4477.6	4642.3
-17.5°	1379.0	1639.7	1918.3	2220.6	2533.2	2819.5	3106.2	3339.7	3524.7	3676.6	3730.9
-20°	1281.7	1511.8	1749.9	2003.7	2273.8	2480.4	2671.7	2818.0	2906.1	2935.4	2878.4



REPORT NUMBER: P558798 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-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°	1184.2	1385.0	1589.5	1803.5	2001.5	2151.8	2266.0	2334.7	2332.5	2262.9	2317.2
-25°	1092.1	1268.5	1440.8	1599.2	1741.3	1843.6	1890.8	1896.2	1823.2	1889.6	1951.4
-27.5°	1005.6	1155.3	1290.5	1407.4	1501.3	1560.8	1562.2	1511.2	1563.3	1607.6	1624.7
-30°	920.5	1042.1	1148.8	1233.1	1293.7	1311.5	1271.1	1304.2	1350.2	1368.5	1353.8
-32.5°	836.4	935.5	1022.5	1082.2	1109.3	1092.6	1102.3	1144.8	1165.5	1156.5	1122.6
-35°	758.1	842.5	908.1	945.0	946.7	945.8	983.5	1003.7	1005.0	981.5	986.8
-37.5°	688.1	754.9	803.5	825.2	813.8	850.8	874.8	884.5	873.1	860.2	874.9
-40°	621.5	672.9	712.3	722.7	737.8	765.5	781.9	781.0	762.7	775.8	779.1
-42.5°	559.3	604.1	630.3	640.3	670.0	690.1	697.9	693.2	692.7	699.7	699.6
-45°	505.4	540.5	557.1	581.8	607.4	621.8	626.2	619.4	629.5	632.6	629.3
-47.5°	454.3	483.0	498.5	526.1	548.9	560.7	561.5	565.3	570.9	572.4	567.1
-50°	406.9	432.4	452.9	477.0	494.5	504.5	504.7	514.1	518.7	517.3	511.0
-52.5°	365.1	385.3	410.1	431.2	445.7	453.3	458.6	466.2	469.6	468.1	467.2
-55°	325.2	345.6	368.8	388.0	401.1	407.4	414.8	421.1	423.3	421.8	426.5
-57.5°	290.1	309.7	330.2	346.7	358.9	365.9	373.9	378.3	380.0	378.9	386.7
-60°	257.9	276.0	293.5	308.2	318.7	327.1	334.4	338.4	339.2	341.0	348.6
-62.5°	226.9	244.6	259.3	271.5	281.3	289.5	296.2	300.0	300.6	305.1	311.7
-65°	197.8	213.8	227.3	237.9	245.4	254.1	260.1	263.0	264.0	270.0	275.8
-67.5°	169.3	184.3	196.4	205.8	213.3	220.3	225.7	229.2	230.7	236.3	240.9
-70°	145.1	155.6	166.6	175.5	182.2	187.9	192.7	195.9	199.3	204.8	208.9
-72.5°	121.8	130.9	139.0	146.0	152.3	157.1	160.7	163.1	166.8	172.2	176.6
-75°	99.6	106.4	113.2	119.2	123.9	127.4	129.9	132.0	135.7	140.3	144.3
-77.5°	78.3	83.9	88.8	93.0	96.5	99.5	101.7	103.0	106.1	109.6	112.7
-80°	57.8	61.4	65.2	68.5	71.7	74.2	75.7	76.3	78.3	80.7	83.3
-82.5°	38.7	41.9	44.5	46.4	48.6	50.6	52.3	53.7	55.2	56.6	57.8
-85°	21.0	22.5	24.9	26.9	28.7	30.3	31.6	32.7	33.9	34.8	35.6
-87.5°	10.5	11.2	11.9	12.6	13.1	13.7	14.1	14.6	15.2	15.8	16.3
-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):**

	-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°	16.9	16.6	16.3	15.9	15.4	15.4	15.4	15.4	15.3	15.1	15.0
85°	36.1	36.8	37.5	38.1	38.7	39.3	39.9	40.3	40.7	40.7	40.5
82.5°	58.9	60.8	62.8	64.6	66.4	67.3	68.0	68.4	68.7	69.2	69.6
80°	85.4	88.3	91.0	93.2	95.0	96.3	97.4	98.3	98.9	99.6	100.1
77.5°	115.6	118.8	121.9	124.6	126.9	129.1	130.9	132.4	133.5	135.2	136.7
75°	147.6	151.2	155.1	158.5	161.5	164.7	167.8	170.7	173.3	175.5	177.1
72.5°	180.0	183.8	188.5	192.9	196.9	201.2	205.5	209.2	212.4	215.5	218.2
70°	212.0	215.6	221.6	227.4	232.9	238.0	243.1	247.7	251.7	255.7	259.2
67.5°	245.0	248.8	256.3	263.0	269.0	274.7	280.7	285.9	290.6	294.7	298.3
65°	280.3	283.6	291.7	299.1	305.4	310.8	317.2	323.0	328.2	332.7	336.6
62.5°	316.7	320.1	326.8	334.0	340.1	345.2	352.7	359.3	364.8	369.4	373.3
60°	353.7	356.6	361.8	369.8	376.6	382.1	388.8	395.1	400.5	405.0	409.1
57.5°	392.2	395.1	397.6	405.6	412.1	417.1	422.9	429.2	434.4	438.7	442.9
55°	431.8	434.1	433.3	440.7	446.8	450.9	455.3	461.9	467.1	470.9	474.7
52.5°	472.4	475.1	473.2	476.3	483.0	486.8	488.7	495.8	501.1	504.5	508.0
50°	517.6	519.7	518.1	516.3	522.8	526.6	527.7	533.4	538.3	540.9	543.4
47.5°	566.6	569.2	567.9	560.8	566.6	571.5	571.6	574.0	579.0	581.1	582.6
45°	619.9	624.9	623.8	618.9	618.1	623.1	622.6	620.7	626.4	629.0	629.8
42.5°	689.8	688.1	689.7	686.9	678.0	683.7	684.4	677.3	684.5	687.6	685.8
40°	775.4	759.8	768.4	767.1	758.9	757.7	762.1	756.2	757.3	761.8	758.4
37.5°	877.2	866.1	861.4	865.2	862.8	852.3	860.7	858.6	852.0	859.4	856.2
35°	1002.6	999.2	974.0	989.4	992.6	982.5	985.4	989.8	975.4	986.7	985.5
32.5°	1149.1	1156.5	1151.1	1141.7	1156.0	1157.8	1141.3	1161.2	1153.2	1156.0	1163.8
30°	1315.1	1353.2	1371.7	1355.1	1364.1	1381.8	1373.7	1387.5	1394.1	1383.8	1403.3
27.5°	1605.1	1591.6	1636.0	1655.3	1634.6	1667.0	1690.5	1680.1	1714.4	1694.1	1723.1
25°	1973.6	1953.8	1965.7	2029.5	2043.7	2027.3	2093.5	2101.2	2128.5	2131.8	2152.1
22.5°	2406.6	2454.5	2448.9	2468.4	2548.6	2575.4	2599.9	2663.5	2649.0	2706.7	2716.7
20°	2890.7	3011.1	3094.1	3111.5	3145.8	3238.1	3280.4	3330.6	3364.4	3419.0	3465.1
17.5°	3709.6	3647.9	3810.7	3912.9	3966.6	3985.8	4097.0	4133.2	4216.7	4264.4	4311.7
15°	4761.1	4797.1	4723.6	4821.0	4985.7	5041.3	4977.4	5126.6	5168.6	5248.9	5263.1
12.5°	5885.0	6066.9	6156.1	6180.3	6094.3	6328.5	6422.3	6304.5	6438.1	6414.0	6523.9
10°	6957.3	7399.4	7664.0	7850.1	7963.3	8031.4	8099.1	8220.8	8223.0	8313.1	8260.5
7.5°	7837.7	8398.2	8933.6	9453.0	9868.5	10101.3	10284.2	10459.6	10693.7	10805.7	10878.6
5°	8699.1	9345.7	9986.3	10615.9	11186.1	11734.5	12272.2	12738.5	12985.6	13274.4	13531.9
2.5°	9256.2	10074.1	10892.2	11702.6	12361.4	12965.9	13525.4	14045.1	14501.0	14922.7	15278.8
0°	9364.9	10280.3	11133.7	11942.3	12684.0	13430.6	14082.6	14670.2	15166.7	15614.7	15916.9
-2.5°	9256.2	10074.1	10892.2	11702.6	12361.4	12965.9	13525.4	14045.1	14501.0	14922.7	15278.8
-5°	8699.1	9345.7	9986.3	10615.9	11186.1	11734.5	12272.2	12738.5	12985.6	13274.4	13531.9
-7.5°	7837.7	8398.2	8933.6	9453.0	9868.5	10101.3	10284.2	10459.6	10693.7	10805.7	10878.6
-10°	6957.3	7399.4	7664.0	7850.1	7963.3	8031.4	8099.1	8220.8	8223.0	8313.1	8260.5
-12.5°	5885.0	6066.9	6156.1	6180.3	6094.3	6328.5	6422.3	6304.5	6438.1	6414.0	6523.9
-15°	4761.1	4797.1	4723.6	4821.0	4985.7	5041.3	4977.4	5126.6	5168.6	5248.9	5263.1
-17.5°	3709.6	3647.9	3810.7	3912.9	3966.6	3985.8	4097.0	4133.2	4216.7	4264.4	4311.7
-20°	2890.7	3011.1	3094.1	3111.5	3145.8	3238.1	3280.4	3330.6	3364.4	3419.0	3465.1



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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°	2406.6	2454.5	2448.9	2468.4	2548.6	2575.4	2599.9	2663.5	2649.0	2706.7	2716.7
-25°	1973.6	1953.8	1965.7	2029.5	2043.7	2027.3	2093.5	2101.2	2128.5	2131.8	2152.1
-27.5°	1605.1	1591.6	1636.0	1655.3	1634.6	1667.0	1690.5	1680.1	1714.4	1694.1	1723.1
-30°	1315.1	1353.2	1371.7	1355.1	1364.1	1381.8	1373.7	1387.5	1394.1	1383.8	1403.3
-32.5°	1149.1	1156.5	1151.1	1141.7	1156.0	1157.8	1141.3	1161.2	1153.2	1156.0	1163.8
-35°	1002.6	999.2	974.0	989.4	992.6	982.5	985.4	989.8	975.4	986.7	985.5
-37.5°	877.2	866.1	861.4	865.2	862.8	852.3	860.7	858.6	852.0	859.4	856.2
-40°	775.4	759.8	768.4	767.1	758.9	757.7	762.1	756.2	757.3	761.8	758.4
-42.5°	689.8	688.1	689.7	686.9	678.0	683.7	684.4	677.3	684.5	687.6	685.8
-45°	619.9	624.9	623.8	618.9	618.1	623.1	622.6	620.7	626.4	629.0	629.8
-47.5°	566.6	569.2	567.9	560.8	566.6	571.5	571.6	574.0	579.0	581.1	582.6
-50°	517.6	519.7	518.1	516.3	522.8	526.6	527.7	533.4	538.3	540.9	543.4
-52.5°	472.4	475.1	473.2	476.3	483.0	486.8	488.7	495.8	501.1	504.5	508.0
-55°	431.8	434.1	433.3	440.7	446.8	450.9	455.3	461.9	467.1	470.9	474.7
-57.5°	392.2	395.1	397.6	405.6	412.1	417.1	422.9	429.2	434.4	438.7	442.9
-60°	353.7	356.6	361.8	369.8	376.6	382.1	388.8	395.1	400.5	405.0	409.1
-62.5°	316.7	320.1	326.8	334.0	340.1	345.2	352.7	359.3	364.8	369.4	373.3
-65°	280.3	283.6	291.7	299.1	305.4	310.8	317.2	323.0	328.2	332.7	336.6
-67.5°	245.0	248.8	256.3	263.0	269.0	274.7	280.7	285.9	290.6	294.7	298.3
-70°	212.0	215.6	221.6	227.4	232.9	238.0	243.1	247.7	251.7	255.7	259.2
-72.5°	180.0	183.8	188.5	192.9	196.9	201.2	205.5	209.2	212.4	215.5	218.2
-75°	147.6	151.2	155.1	158.5	161.5	164.7	167.8	170.7	173.3	175.5	177.1
-77.5°	115.6	118.8	121.9	124.6	126.9	129.1	130.9	132.4	133.5	135.2	136.7
-80°	85.4	88.3	91.0	93.2	95.0	96.3	97.4	98.3	98.9	99.6	100.1
-82.5°	58.9	60.8	62.8	64.6	66.4	67.3	68.0	68.4	68.7	69.2	69.6
-85°	36.1	36.8	37.5	38.1	38.7	39.3	39.9	40.3	40.7	40.7	40.5
-87.5°	16.9	16.6	16.3	15.9	15.4	15.4	15.4	15.4	15.3	15.1	15.0
-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°	14.8	14.5	15.2	15.8	15.2	14.5	14.8	15.0	15.1	15.3	15.4
85°	40.3	39.9	40.6	41.3	40.6	39.9	40.3	40.5	40.7	40.7	40.3
82.5°	69.9	70.1	70.3	70.4	70.3	70.1	69.9	69.6	69.2	68.7	68.4
80°	100.4	100.4	100.0	99.5	100.0	100.4	100.4	100.1	99.6	98.9	98.3
77.5°	137.9	138.9	139.4	139.6	139.4	138.9	137.9	136.7	135.2	133.5	132.4
75°	178.2	178.8	178.9	178.5	178.9	178.8	178.2	177.1	175.5	173.3	170.7
72.5°	220.4	222.2	222.5	222.2	222.5	222.2	220.4	218.2	215.5	212.4	209.2
70°	262.2	264.5	264.4	263.4	264.4	264.5	262.2	259.2	255.7	251.7	247.7
67.5°	301.1	303.2	304.9	305.9	304.9	303.2	301.1	298.3	294.7	290.6	285.9
65°	339.7	342.0	343.2	343.6	343.2	342.0	339.7	336.6	332.7	328.2	323.0
62.5°	376.2	378.3	379.6	380.0	379.6	378.3	376.2	373.3	369.4	364.8	359.3
60°	412.3	414.6	414.9	414.0	414.9	414.6	412.3	409.1	405.0	400.5	395.1
57.5°	446.2	448.5	448.5	446.8	448.5	448.5	446.2	442.9	438.7	434.4	429.2
55°	477.4	479.1	479.8	479.5	479.8	479.1	477.4	474.7	470.9	467.1	461.9
52.5°	510.6	511.9	512.5	512.3	512.5	511.9	510.6	508.0	504.5	501.1	495.8
50°	545.2	545.3	545.3	545.1	545.3	545.3	545.2	543.4	540.9	538.3	533.4
47.5°	584.7	585.1	585.2	585.2	585.2	585.1	584.7	582.6	581.1	579.0	574.0
45°	631.4	630.1	628.8	628.9	628.8	630.1	631.4	629.8	629.0	626.4	620.7
42.5°	687.5	686.0	684.3	684.7	684.3	686.0	687.5	685.8	687.6	684.5	677.3
40°	761.3	760.9	758.4	757.5	758.4	760.9	761.3	758.4	761.8	757.3	756.2
37.5°	856.7	855.3	849.8	847.4	849.8	855.3	856.7	856.2	859.4	852.0	858.6
35°	982.1	980.3	971.8	972.4	971.8	980.3	982.1	985.5	986.7	975.4	989.8
32.5°	1159.9	1160.5	1147.7	1144.8	1147.7	1160.5	1159.9	1163.8	1156.0	1153.2	1161.2
30°	1391.1	1396.2	1381.1	1387.6	1381.1	1396.2	1391.1	1403.3	1383.8	1394.1	1387.5
27.5°	1722.5	1732.2	1718.9	1708.1	1718.9	1732.2	1722.5	1723.1	1694.1	1714.4	1680.1
25°	2178.7	2185.9	2170.7	2157.3	2170.7	2185.9	2178.7	2152.1	2131.8	2128.5	2101.2
22.5°	2772.4	2771.9	2771.2	2792.2	2771.2	2771.9	2772.4	2716.7	2706.7	2649.0	2663.5
20°	3494.9	3477.4	3503.7	3520.6	3503.7	3477.4	3494.9	3465.1	3419.0	3364.4	3330.6
17.5°	4322.7	4355.4	4380.6	4422.7	4380.6	4355.4	4322.7	4311.7	4264.4	4216.7	4133.2
15°	5298.7	5348.2	5373.4	5359.9	5373.4	5348.2	5298.7	5263.1	5248.9	5168.6	5126.6
12.5°	6527.8	6586.9	6543.2	6488.9	6543.2	6586.9	6527.8	6523.9	6414.0	6438.1	6304.5
10°	8261.3	8388.5	8395.7	8289.3	8395.7	8388.5	8261.3	8260.5	8313.1	8223.0	8220.8
7.5°	10921.0	10982.8	11076.8	11081.5	11076.8	10982.8	10921.0	10878.6	10805.7	10693.7	10459.6
5°	13648.6	13813.3	13919.5	14103.2	13919.5	13813.3	13648.6	13531.9	13274.4	12985.6	12738.5
2.5°	15508.9	15721.8	15803.6	16011.6	15803.6	15721.8	15508.9	15278.8	14922.7	14501.0	14045.1
0°	16186.5	16358.8	16462.0	16544.6	16462.0	16358.8	16186.5	15916.9	15614.7	15166.7	14670.2
-2.5°	15508.9	15721.8	15803.6	16011.6	15803.6	15721.8	15508.9	15278.8	14922.7	14501.0	14045.1
-5°	13648.6	13813.3	13919.5	14103.2	13919.5	13813.3	13648.6	13531.9	13274.4	12985.6	12738.5
-7.5°	10921.0	10982.8	11076.8	11081.5	11076.8	10982.8	10921.0	10878.6	10805.7	10693.7	10459.6
-10°	8261.3	8388.5	8395.7	8289.3	8395.7	8388.5	8261.3	8260.5	8313.1	8223.0	8220.8
-12.5°	6527.8	6586.9	6543.2	6488.9	6543.2	6586.9	6527.8	6523.9	6414.0	6438.1	6304.5
-15°	5298.7	5348.2	5373.4	5359.9	5373.4	5348.2	5298.7	5263.1	5248.9	5168.6	5126.6
-17.5°	4322.7	4355.4	4380.6	4422.7	4380.6	4355.4	4322.7	4311.7	4264.4	4216.7	4133.2
-20°	3494.9	3477.4	3503.7	3520.6	3503.7	3477.4	3494.9	3465.1	3419.0	3364.4	3330.6



REPORT NUMBER: P558798 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-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°	2772.4	2771.9	2771.2	2792.2	2771.2	2771.9	2772.4	2716.7	2706.7	2649.0	2663.5
-25°	2178.7	2185.9	2170.7	2157.3	2170.7	2185.9	2178.7	2152.1	2131.8	2128.5	2101.2
-27.5°	1722.5	1732.2	1718.9	1708.1	1718.9	1732.2	1722.5	1723.1	1694.1	1714.4	1680.1
-30°	1391.1	1396.2	1381.1	1387.6	1381.1	1396.2	1391.1	1403.3	1383.8	1394.1	1387.5
-32.5°	1159.9	1160.5	1147.7	1144.8	1147.7	1160.5	1159.9	1163.8	1156.0	1153.2	1161.2
-35°	982.1	980.3	971.8	972.4	971.8	980.3	982.1	985.5	986.7	975.4	989.8
-37.5°	856.7	855.3	849.8	847.4	849.8	855.3	856.7	856.2	859.4	852.0	858.6
-40°	761.3	760.9	758.4	757.5	758.4	760.9	761.3	758.4	761.8	757.3	756.2
-42.5°	687.5	686.0	684.3	684.7	684.3	686.0	687.5	685.8	687.6	684.5	677.3
-45°	631.4	630.1	628.8	628.9	628.8	630.1	631.4	629.8	629.0	626.4	620.7
-47.5°	584.7	585.1	585.2	585.2	585.2	585.1	584.7	582.6	581.1	579.0	574.0
-50°	545.2	545.3	545.3	545.1	545.3	545.3	545.2	543.4	540.9	538.3	533.4
-52.5°	510.6	511.9	512.5	512.3	512.5	511.9	510.6	508.0	504.5	501.1	495.8
-55°	477.4	479.1	479.8	479.5	479.8	479.1	477.4	474.7	470.9	467.1	461.9
-57.5°	446.2	448.5	448.5	446.8	448.5	448.5	446.2	442.9	438.7	434.4	429.2
-60°	412.3	414.6	414.9	414.0	414.9	414.6	412.3	409.1	405.0	400.5	395.1
-62.5°	376.2	378.3	379.6	380.0	379.6	378.3	376.2	373.3	369.4	364.8	359.3
-65°	339.7	342.0	343.2	343.6	343.2	342.0	339.7	336.6	332.7	328.2	323.0
-67.5°	301.1	303.2	304.9	305.9	304.9	303.2	301.1	298.3	294.7	290.6	285.9
-70°	262.2	264.5	264.4	263.4	264.4	264.5	262.2	259.2	255.7	251.7	247.7
-72.5°	220.4	222.2	222.5	222.2	222.5	222.2	220.4	218.2	215.5	212.4	209.2
-75°	178.2	178.8	178.9	178.5	178.9	178.8	178.2	177.1	175.5	173.3	170.7
-77.5°	137.9	138.9	139.4	139.6	139.4	138.9	137.9	136.7	135.2	133.5	132.4
-80°	100.4	100.4	100.0	99.5	100.0	100.4	100.4	100.1	99.6	98.9	98.3
-82.5°	69.9	70.1	70.3	70.4	70.3	70.1	69.9	69.6	69.2	68.7	68.4
-85°	40.3	39.9	40.6	41.3	40.6	39.9	40.3	40.5	40.7	40.7	40.3
-87.5°	14.8	14.5	15.2	15.8	15.2	14.5	14.8	15.0	15.1	15.3	15.4
-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: P558798 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-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°	15.4	15.4	15.4	15.9	16.3	16.6	16.9	16.3	15.8	15.2	14.6
85°	39.9	39.3	38.7	38.1	37.5	36.8	36.1	35.6	34.8	33.9	32.7
82.5°	68.0	67.3	66.4	64.6	62.8	60.8	58.9	57.8	56.6	55.2	53.7
80°	97.4	96.3	95.0	93.2	91.0	88.3	85.4	83.3	80.7	78.3	76.3
77.5°	130.9	129.1	126.9	124.6	121.9	118.8	115.6	112.7	109.6	106.1	103.0
75°	167.8	164.7	161.5	158.5	155.1	151.2	147.6	144.3	140.3	135.7	132.0
72.5°	205.5	201.2	196.9	192.9	188.5	183.8	180.0	176.6	172.2	166.8	163.1
70°	243.1	238.0	232.9	227.4	221.6	215.6	212.0	208.9	204.8	199.3	195.9
67.5°	280.7	274.7	269.0	263.0	256.3	248.8	245.0	240.9	236.3	230.7	229.2
65°	317.2	310.8	305.4	299.1	291.7	283.6	280.3	275.8	270.0	264.0	263.0
62.5°	352.7	345.2	340.1	334.0	326.8	320.1	316.7	311.7	305.1	300.6	300.0
60°	388.8	382.1	376.6	369.8	361.8	356.6	353.7	348.6	341.0	339.2	338.4
57.5°	422.9	417.1	412.1	405.6	397.6	395.1	392.2	386.7	378.9	380.0	378.3
55°	455.3	450.9	446.8	440.7	433.3	434.1	431.8	426.5	421.8	423.3	421.1
52.5°	488.7	486.8	483.0	476.3	473.2	475.1	472.4	467.2	468.1	469.6	466.2
50°	527.7	526.6	522.8	516.3	518.1	519.7	517.6	511.0	517.3	518.7	514.1
47.5°	571.6	571.5	566.6	560.8	567.9	569.2	566.6	567.1	572.4	570.9	565.3
45°	622.6	623.1	618.1	618.9	623.8	624.9	619.9	629.3	632.6	629.5	619.4
42.5°	684.4	683.7	678.0	686.9	689.7	688.1	689.8	699.6	699.7	692.7	693.2
40°	762.1	757.7	758.9	767.1	768.4	759.8	775.4	779.1	775.8	762.7	781.0
37.5°	860.7	852.3	862.8	865.2	861.4	866.1	877.2	874.9	860.2	873.1	884.5
35°	985.4	982.5	992.6	989.4	974.0	999.2	1002.6	986.8	981.5	1005.0	1003.7
32.5°	1141.3	1157.8	1156.0	1141.7	1151.1	1156.5	1149.1	1122.6	1156.5	1165.5	1144.8
30°	1373.7	1381.8	1364.1	1355.1	1371.7	1353.2	1315.1	1353.8	1368.5	1350.2	1304.2
27.5°	1690.5	1667.0	1634.6	1655.3	1636.0	1591.6	1605.1	1624.7	1607.6	1563.3	1511.2
25°	2093.5	2027.3	2043.7	2029.5	1965.7	1953.8	1973.6	1951.4	1889.6	1823.2	1896.2
22.5°	2599.9	2575.4	2548.6	2468.4	2448.9	2454.5	2406.6	2317.2	2262.9	2332.5	2334.7
20°	3280.4	3238.1	3145.8	3111.5	3094.1	3011.1	2890.7	2878.4	2935.4	2906.1	2818.0
17.5°	4097.0	3985.8	3966.6	3912.9	3810.7	3647.9	3709.6	3730.9	3676.6	3524.7	3339.7
15°	4977.4	5041.3	4985.7	4821.0	4723.6	4797.1	4761.1	4642.3	4477.6	4199.6	3884.8
12.5°	6422.3	6328.5	6094.3	6180.3	6156.1	6066.9	5885.0	5623.6	5281.5	4831.4	4377.8
10°	8099.1	8031.4	7963.3	7850.1	7664.0	7399.4	6957.3	6466.3	5955.3	5424.4	4873.4
7.5°	10284.2	10101.3	9868.5	9453.0	8933.6	8398.2	7837.7	7251.9	6627.8	6008.3	5364.6
5°	12272.2	11734.5	11186.1	10615.9	9986.3	9345.7	8699.1	8023.9	7288.5	6575.3	5840.8
2.5°	13525.4	12965.9	12361.4	11702.6	10892.2	10074.1	9256.2	8438.5	7563.0	6738.4	5914.2
0°	14082.6	13430.6	12684.0	11942.3	11133.7	10280.3	9364.9	8526.0	7630.1	6791.2	5956.0
-2.5°	13525.4	12965.9	12361.4	11702.6	10892.2	10074.1	9256.2	8438.5	7563.0	6738.4	5914.2
-5°	12272.2	11734.5	11186.1	10615.9	9986.3	9345.7	8699.1	8023.9	7288.5	6575.3	5840.8
-7.5°	10284.2	10101.3	9868.5	9453.0	8933.6	8398.2	7837.7	7251.9	6627.8	6008.3	5364.6
-10°	8099.1	8031.4	7963.3	7850.1	7664.0	7399.4	6957.3	6466.3	5955.3	5424.4	4873.4
-12.5°	6422.3	6328.5	6094.3	6180.3	6156.1	6066.9	5885.0	5623.6	5281.5	4831.4	4377.8
-15°	4977.4	5041.3	4985.7	4821.0	4723.6	4797.1	4761.1	4642.3	4477.6	4199.6	3884.8
-17.5°	4097.0	3985.8	3966.6	3912.9	3810.7	3647.9	3709.6	3730.9	3676.6	3524.7	3339.7
-20°	3280.4	3238.1	3145.8	3111.5	3094.1	3011.1	2890.7	2878.4	2935.4	2906.1	2818.0





REPORT NUMBER: P558798 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-935-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2599.9	2575.4	2548.6	2468.4	2448.9	2454.5	2406.6	2317.2	2262.9	2332.5	2334.7
-25°	2093.5	2027.3	2043.7	2029.5	1965.7	1953.8	1973.6	1951.4	1889.6	1823.2	1896.2
-27.5°	1690.5	1667.0	1634.6	1655.3	1636.0	1591.6	1605.1	1624.7	1607.6	1563.3	1511.2
-30°	1373.7	1381.8	1364.1	1355.1	1371.7	1353.2	1315.1	1353.8	1368.5	1350.2	1304.2
-32.5°	1141.3	1157.8	1156.0	1141.7	1151.1	1156.5	1149.1	1122.6	1156.5	1165.5	1144.8
-35°	985.4	982.5	992.6	989.4	974.0	999.2	1002.6	986.8	981.5	1005.0	1003.7
-37.5°	860.7	852.3	862.8	865.2	861.4	866.1	877.2	874.9	860.2	873.1	884.5
-40°	762.1	757.7	758.9	767.1	768.4	759.8	775.4	779.1	775.8	762.7	781.0
-42.5°	684.4	683.7	678.0	686.9	689.7	688.1	689.8	699.6	699.7	692.7	693.2
-45°	622.6	623.1	618.1	618.9	623.8	624.9	619.9	629.3	632.6	629.5	619.4
-47.5°	571.6	571.5	566.6	560.8	567.9	569.2	566.6	567.1	572.4	570.9	565.3
-50°	527.7	526.6	522.8	516.3	518.1	519.7	517.6	511.0	517.3	518.7	514.1
-52.5°	488.7	486.8	483.0	476.3	473.2	475.1	472.4	467.2	468.1	469.6	466.2
-55°	455.3	450.9	446.8	440.7	433.3	434.1	431.8	426.5	421.8	423.3	421.1
-57.5°	422.9	417.1	412.1	405.6	397.6	395.1	392.2	386.7	378.9	380.0	378.3
-60°	388.8	382.1	376.6	369.8	361.8	356.6	353.7	348.6	341.0	339.2	338.4
-62.5°	352.7	345.2	340.1	334.0	326.8	320.1	316.7	311.7	305.1	300.6	300.0
-65°	317.2	310.8	305.4	299.1	291.7	283.6	280.3	275.8	270.0	264.0	263.0
-67.5°	280.7	274.7	269.0	263.0	256.3	248.8	245.0	240.9	236.3	230.7	229.2
-70°	243.1	238.0	232.9	227.4	221.6	215.6	212.0	208.9	204.8	199.3	195.9
-72.5°	205.5	201.2	196.9	192.9	188.5	183.8	180.0	176.6	172.2	166.8	163.1
-75°	167.8	164.7	161.5	158.5	155.1	151.2	147.6	144.3	140.3	135.7	132.0
-77.5°	130.9	129.1	126.9	124.6	121.9	118.8	115.6	112.7	109.6	106.1	103.0
-80°	97.4	96.3	95.0	93.2	91.0	88.3	85.4	83.3	80.7	78.3	76.3
-82.5°	68.0	67.3	66.4	64.6	62.8	60.8	58.9	57.8	56.6	55.2	53.7
-85°	39.9	39.3	38.7	38.1	37.5	36.8	36.1	35.6	34.8	33.9	32.7
-87.5°	15.4	15.4	15.4	15.9	16.3	16.6	16.9	16.3	15.8	15.2	14.6
-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: P558798 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-935-U-NAT-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°	14.1	13.7	13.1	12.6	11.9	11.2	10.5	9.8	9.1	8.3	7.5
85°	31.6	30.3	28.7	26.9	24.9	22.5	21.0	19.5	18.1	16.6	15.0
82.5°	52.3	50.6	48.6	46.4	44.5	41.9	38.7	34.8	30.3	25.4	22.4
80°	75.7	74.2	71.7	68.5	65.2	61.4	57.8	53.2	47.6	41.4	34.5
77.5°	101.7	99.5	96.5	93.0	88.8	83.9	78.3	72.0	64.8	57.2	48.9
75°	129.9	127.4	123.9	119.2	113.2	106.4	99.6	92.1	83.4	73.3	63.2
72.5°	160.7	157.1	152.3	146.0	139.0	130.9	121.8	112.2	102.6	91.2	78.1
70°	192.7	187.9	182.2	175.5	166.6	155.6	145.1	134.4	121.8	109.1	94.5
67.5°	225.7	220.3	213.3	205.8	196.4	184.3	169.3	157.2	143.7	127.1	110.8
65°	260.1	254.1	245.4	237.9	227.3	213.8	197.8	181.7	165.9	147.8	127.1
62.5°	296.2	289.5	281.3	271.5	259.3	244.6	226.9	209.6	188.9	168.7	145.4
60°	334.4	327.1	318.7	308.2	293.5	276.0	257.9	237.8	215.2	189.6	164.5
57.5°	373.9	365.9	358.9	346.7	330.2	309.7	290.1	268.2	241.5	213.1	183.6
55°	414.8	407.4	401.1	388.0	368.8	345.6	325.2	300.3	268.8	237.1	202.6
52.5°	458.6	453.3	445.7	431.2	410.1	385.3	365.1	333.2	299.7	261.1	224.0
50°	504.7	504.5	494.5	477.0	452.9	432.4	406.9	372.4	331.1	286.5	245.7
47.5°	561.5	560.7	548.9	526.1	498.5	483.0	454.3	413.7	363.0	315.4	267.5
45°	626.2	621.8	607.4	581.8	557.1	540.5	505.4	456.4	401.9	344.9	289.4
42.5°	697.9	690.1	670.0	640.3	630.3	604.1	559.3	505.0	441.8	374.5	313.6
40°	781.9	765.5	737.8	722.7	712.3	672.9	621.5	556.2	482.5	406.1	339.2
37.5°	874.8	850.8	813.8	825.2	803.5	754.9	688.1	609.1	525.0	442.0	364.5
35°	983.5	945.8	946.7	945.0	908.1	842.5	758.1	666.4	572.2	477.7	389.4
32.5°	1102.3	1092.6	1109.3	1082.2	1022.5	935.5	836.4	729.4	620.0	513.1	413.9
30°	1271.1	1311.5	1293.7	1233.1	1148.8	1042.1	920.5	793.8	668.2	548.2	439.1
27.5°	1562.2	1560.8	1501.3	1407.4	1290.5	1155.3	1005.6	859.4	716.6	584.9	467.7
25°	1890.8	1843.6	1741.3	1599.2	1440.8	1268.5	1092.1	926.0	769.3	624.4	495.4
22.5°	2266.0	2151.8	2001.5	1803.5	1589.5	1385.0	1184.2	998.8	823.7	663.3	522.2
20°	2671.7	2480.4	2273.8	2003.7	1749.9	1511.8	1281.7	1071.0	877.4	701.1	547.8
17.5°	3106.2	2819.5	2533.2	2220.6	1918.3	1639.7	1379.0	1142.0	929.9	737.6	572.2
15°	3527.2	3158.6	2800.2	2439.0	2087.4	1767.3	1475.1	1211.2	980.8	772.6	591.4
12.5°	3942.2	3502.3	3070.9	2656.3	2255.1	1893.2	1569.0	1277.9	1029.5	797.7	603.9
10°	4356.4	3845.9	3341.4	2869.9	2419.4	2015.8	1659.5	1330.0	1052.5	813.7	614.3
7.5°	4764.4	4184.2	3607.3	3076.8	2560.9	2095.9	1698.2	1353.6	1067.6	826.7	622.5
5°	5097.3	4405.0	3728.3	3138.2	2600.7	2127.7	1722.1	1371.9	1078.0	836.4	628.4
2.5°	5142.2	4441.3	3746.3	3162.4	2627.2	2149.4	1738.0	1384.6	1083.9	843.0	632.2
0°	5159.6	4453.0	3744.0	3169.8	2640.5	2160.9	1745.8	1391.3	1085.3	846.2	633.7
-2.5°	5142.2	4441.3	3746.3	3162.4	2627.2	2149.4	1738.0	1384.6	1083.9	843.0	632.2
-5°	5097.3	4405.0	3728.3	3138.2	2600.7	2127.7	1722.1	1371.9	1078.0	836.4	628.4
-7.5°	4764.4	4184.2	3607.3	3076.8	2560.9	2095.9	1698.2	1353.6	1067.6	826.7	622.5
-10°	4356.4	3845.9	3341.4	2869.9	2419.4	2015.8	1659.5	1330.0	1052.5	813.7	614.3
-12.5°	3942.2	3502.3	3070.9	2656.3	2255.1	1893.2	1569.0	1277.9	1029.5	797.7	603.9
-15°	3527.2	3158.6	2800.2	2439.0	2087.4	1767.3	1475.1	1211.2	980.8	772.6	591.4
-17.5°	3106.2	2819.5	2533.2	2220.6	1918.3	1639.7	1379.0	1142.0	929.9	737.6	572.2
-20°	2671.7	2480.4	2273.8	2003.7	1749.9	1511.8	1281.7	1071.0	877.4	701.1	547.8



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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°	2266.0	2151.8	2001.5	1803.5	1589.5	1385.0	1184.2	998.8	823.7	663.3	522.2
-25°	1890.8	1843.6	1741.3	1599.2	1440.8	1268.5	1092.1	926.0	769.3	624.4	495.4
-27.5°	1562.2	1560.8	1501.3	1407.4	1290.5	1155.3	1005.6	859.4	716.6	584.9	467.7
-30°	1271.1	1311.5	1293.7	1233.1	1148.8	1042.1	920.5	793.8	668.2	548.2	439.1
-32.5°	1102.3	1092.6	1109.3	1082.2	1022.5	935.5	836.4	729.4	620.0	513.1	413.9
-35°	983.5	945.8	946.7	945.0	908.1	842.5	758.1	666.4	572.2	477.7	389.4
-37.5°	874.8	850.8	813.8	825.2	803.5	754.9	688.1	609.1	525.0	442.0	364.5
-40°	781.9	765.5	737.8	722.7	712.3	672.9	621.5	556.2	482.5	406.1	339.2
-42.5°	697.9	690.1	670.0	640.3	630.3	604.1	559.3	505.0	441.8	374.5	313.6
-45°	626.2	621.8	607.4	581.8	557.1	540.5	505.4	456.4	401.9	344.9	289.4
-47.5°	561.5	560.7	548.9	526.1	498.5	483.0	454.3	413.7	363.0	315.4	267.5
-50°	504.7	504.5	494.5	477.0	452.9	432.4	406.9	372.4	331.1	286.5	245.7
-52.5°	458.6	453.3	445.7	431.2	410.1	385.3	365.1	333.2	299.7	261.1	224.0
-55°	414.8	407.4	401.1	388.0	368.8	345.6	325.2	300.3	268.8	237.1	202.6
-57.5°	373.9	365.9	358.9	346.7	330.2	309.7	290.1	268.2	241.5	213.1	183.6
-60°	334.4	327.1	318.7	308.2	293.5	276.0	257.9	237.8	215.2	189.6	164.5
-62.5°	296.2	289.5	281.3	271.5	259.3	244.6	226.9	209.6	188.9	168.7	145.4
-65°	260.1	254.1	245.4	237.9	227.3	213.8	197.8	181.7	165.9	147.8	127.1
-67.5°	225.7	220.3	213.3	205.8	196.4	184.3	169.3	157.2	143.7	127.1	110.8
-70°	192.7	187.9	182.2	175.5	166.6	155.6	145.1	134.4	121.8	109.1	94.5
-72.5°	160.7	157.1	152.3	146.0	139.0	130.9	121.8	112.2	102.6	91.2	78.1
-75°	129.9	127.4	123.9	119.2	113.2	106.4	99.6	92.1	83.4	73.3	63.2
-77.5°	101.7	99.5	96.5	93.0	88.8	83.9	78.3	72.0	64.8	57.2	48.9
-80°	75.7	74.2	71.7	68.5	65.2	61.4	57.8	53.2	47.6	41.4	34.5
-82.5°	52.3	50.6	48.6	46.4	44.5	41.9	38.7	34.8	30.3	25.4	22.4
-85°	31.6	30.3	28.7	26.9	24.9	22.5	21.0	19.5	18.1	16.6	15.0
-87.5°	14.1	13.7	13.1	12.6	11.9	11.2	10.5	9.8	9.1	8.3	7.5
-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°	6.6	5.8	5.0	3.9	2.8	1.4	0.0
85°	13.2	11.7	9.9	7.8	5.5	2.8	0.0
82.5°	19.8	17.5	14.9	11.8	8.2	4.1	0.0
80°	27.2	23.4	19.8	15.7	11.0	5.5	0.0
77.5°	39.9	31.0	24.7	19.5	13.7	6.8	0.0
75°	52.7	42.0	30.4	23.4	16.3	8.2	0.0
72.5°	65.4	53.0	39.4	27.2	19.0	9.5	0.0
70°	78.3	63.9	48.4	31.7	21.6	10.8	0.0
67.5°	93.1	74.7	57.3	38.5	24.2	12.1	0.0
65°	107.7	86.4	66.1	45.3	26.7	13.4	0.0
62.5°	122.3	99.0	74.7	51.9	29.2	14.6	0.0
60°	136.9	111.5	83.3	58.5	31.6	15.8	0.0
57.5°	153.4	123.8	93.4	64.9	35.8	17.0	0.0
55°	169.9	136.1	103.4	71.2	40.0	18.1	0.0
52.5°	186.3	148.4	113.2	77.4	44.1	19.2	0.0
50°	202.4	162.0	122.8	83.4	48.1	20.3	0.0
47.5°	218.7	175.2	132.3	89.5	51.9	21.3	0.0
45°	237.6	188.2	141.5	96.5	55.6	22.3	0.0
42.5°	256.3	200.8	150.5	103.2	59.2	23.3	0.0
40°	274.8	213.1	159.7	109.5	62.6	24.2	0.0
37.5°	293.2	225.0	169.2	115.3	65.8	25.1	0.0
35°	311.2	238.5	178.2	120.8	68.9	25.9	0.0
32.5°	329.7	252.7	186.9	125.9	71.9	26.6	0.0
30°	349.4	266.4	195.2	130.6	74.6	27.4	0.0
27.5°	368.5	279.6	202.0	134.9	77.2	28.0	0.0
25°	386.8	292.3	208.4	138.9	79.6	28.6	0.0
22.5°	404.3	303.6	214.3	142.4	81.8	29.2	0.0
20°	421.0	312.2	219.7	145.6	83.8	29.7	0.0
17.5°	433.5	319.7	224.5	148.3	85.7	30.1	0.0
15°	442.9	326.3	228.9	150.7	87.3	30.5	0.0
12.5°	450.9	331.7	232.7	152.6	88.7	30.9	0.0
10°	457.5	336.1	235.9	154.2	89.8	31.1	0.0
7.5°	462.7	339.5	238.6	155.4	90.8	31.3	0.0
5°	466.5	341.9	240.6	156.2	91.5	31.5	0.0
2.5°	468.9	343.2	242.0	156.6	92.0	31.6	0.0
0°	469.8	343.6	242.8	156.6	92.3	31.6	0.0
-2.5°	468.9	343.2	242.0	156.6	92.0	31.6	0.0
-5°	466.5	341.9	240.6	156.2	91.5	31.5	0.0
-7.5°	462.7	339.5	238.6	155.4	90.8	31.3	0.0
-10°	457.5	336.1	235.9	154.2	89.8	31.1	0.0
-12.5°	450.9	331.7	232.7	152.6	88.7	30.9	0.0
-15°	442.9	326.3	228.9	150.7	87.3	30.5	0.0
-17.5°	433.5	319.7	224.5	148.3	85.7	30.1	0.0
-20°	421.0	312.2	219.7	145.6	83.8	29.7	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	404.3	303.6	214.3	142.4	81.8	29.2	0.0
-25°	386.8	292.3	208.4	138.9	79.6	28.6	0.0
-27.5°	368.5	279.6	202.0	134.9	77.2	28.0	0.0
-30°	349.4	266.4	195.2	130.6	74.6	27.4	0.0
-32.5°	329.7	252.7	186.9	125.9	71.9	26.6	0.0
-35°	311.2	238.5	178.2	120.8	68.9	25.9	0.0
-37.5°	293.2	225.0	169.2	115.3	65.8	25.1	0.0
-40°	274.8	213.1	159.7	109.5	62.6	24.2	0.0
-42.5°	256.3	200.8	150.5	103.2	59.2	23.3	0.0
-45°	237.6	188.2	141.5	96.5	55.6	22.3	0.0
-47.5°	218.7	175.2	132.3	89.5	51.9	21.3	0.0
-50°	202.4	162.0	122.8	83.4	48.1	20.3	0.0
-52.5°	186.3	148.4	113.2	77.4	44.1	19.2	0.0
-55°	169.9	136.1	103.4	71.2	40.0	18.1	0.0
-57.5°	153.4	123.8	93.4	64.9	35.8	17.0	0.0
-60°	136.9	111.5	83.3	58.5	31.6	15.8	0.0
-62.5°	122.3	99.0	74.7	51.9	29.2	14.6	0.0
-65°	107.7	86.4	66.1	45.3	26.7	13.4	0.0
-67.5°	93.1	74.7	57.3	38.5	24.2	12.1	0.0
-70°	78.3	63.9	48.4	31.7	21.6	10.8	0.0
-72.5°	65.4	53.0	39.4	27.2	19.0	9.5	0.0
-75°	52.7	42.0	30.4	23.4	16.3	8.2	0.0
-77.5°	39.9	31.0	24.7	19.5	13.7	6.8	0.0
-80°	27.2	23.4	19.8	15.7	11.0	5.5	0.0
-82.5°	19.8	17.5	14.9	11.8	8.2	4.1	0.0
-85°	13.2	11.7	9.9	7.8	5.5	2.8	0.0
-87.5°	6.6	5.8	5.0	3.9	2.8	1.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)