

Classified  
Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269



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: P645355 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-722-U-LAM-VSR-XX**

Issue Date: 2/28/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P645355 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-22)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 2/28/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA2B-722-U-LAM-VSR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, LAMBERTIAN WITH VISOR  
Light Source: (32) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

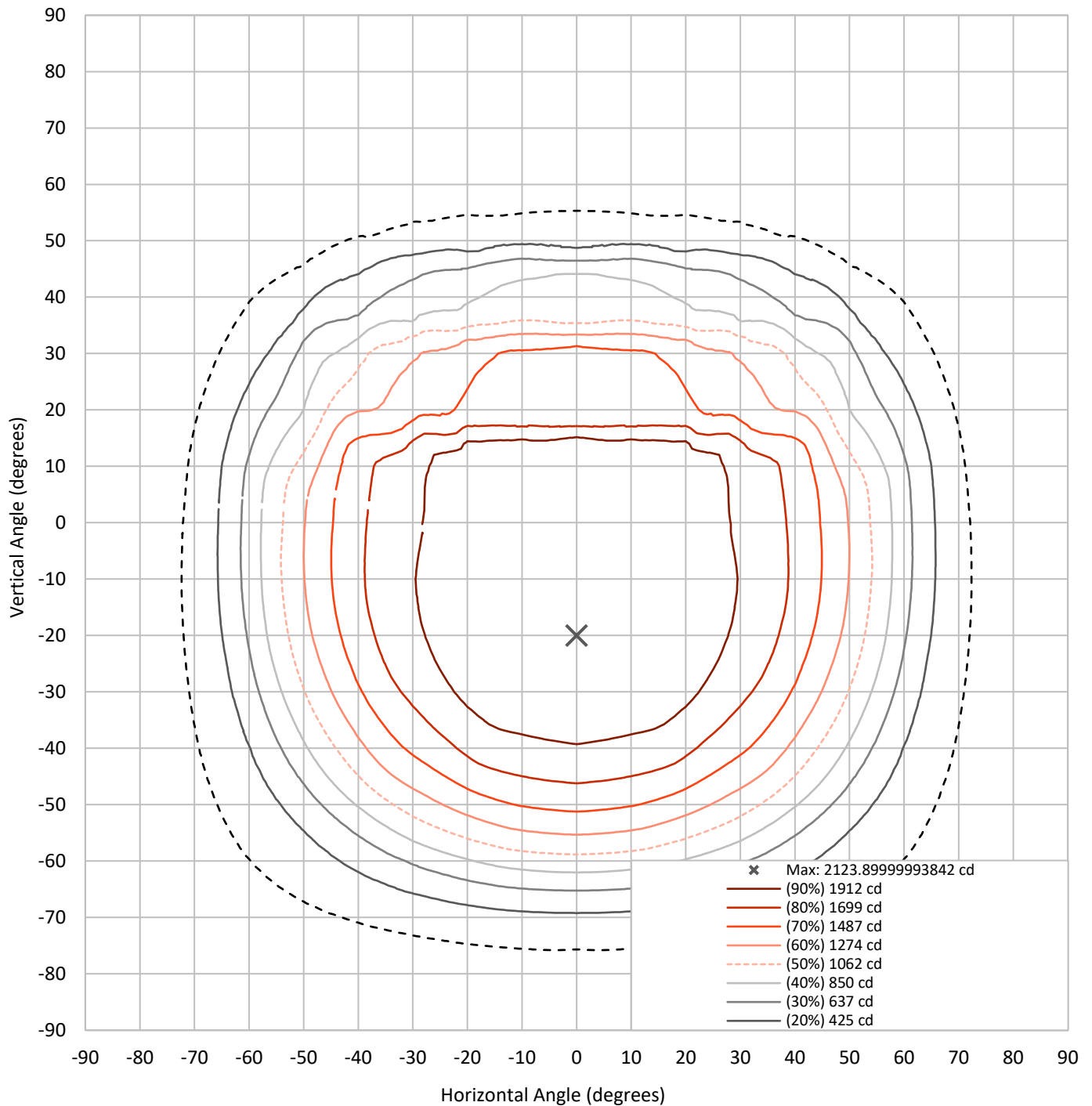
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	4980.2 lumens	Max Intensity:	2123.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	78.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	105.6°H x 93.7°V	Field Angle (10%):	144°H x 131.2°V
Beam Lumens:	3893.2 lumens	Field Lumens:	4881.3 lumens
Beam Efficiency:	78.2%	Field Efficiency:	98.0%
Input Watts (W):	63.6		
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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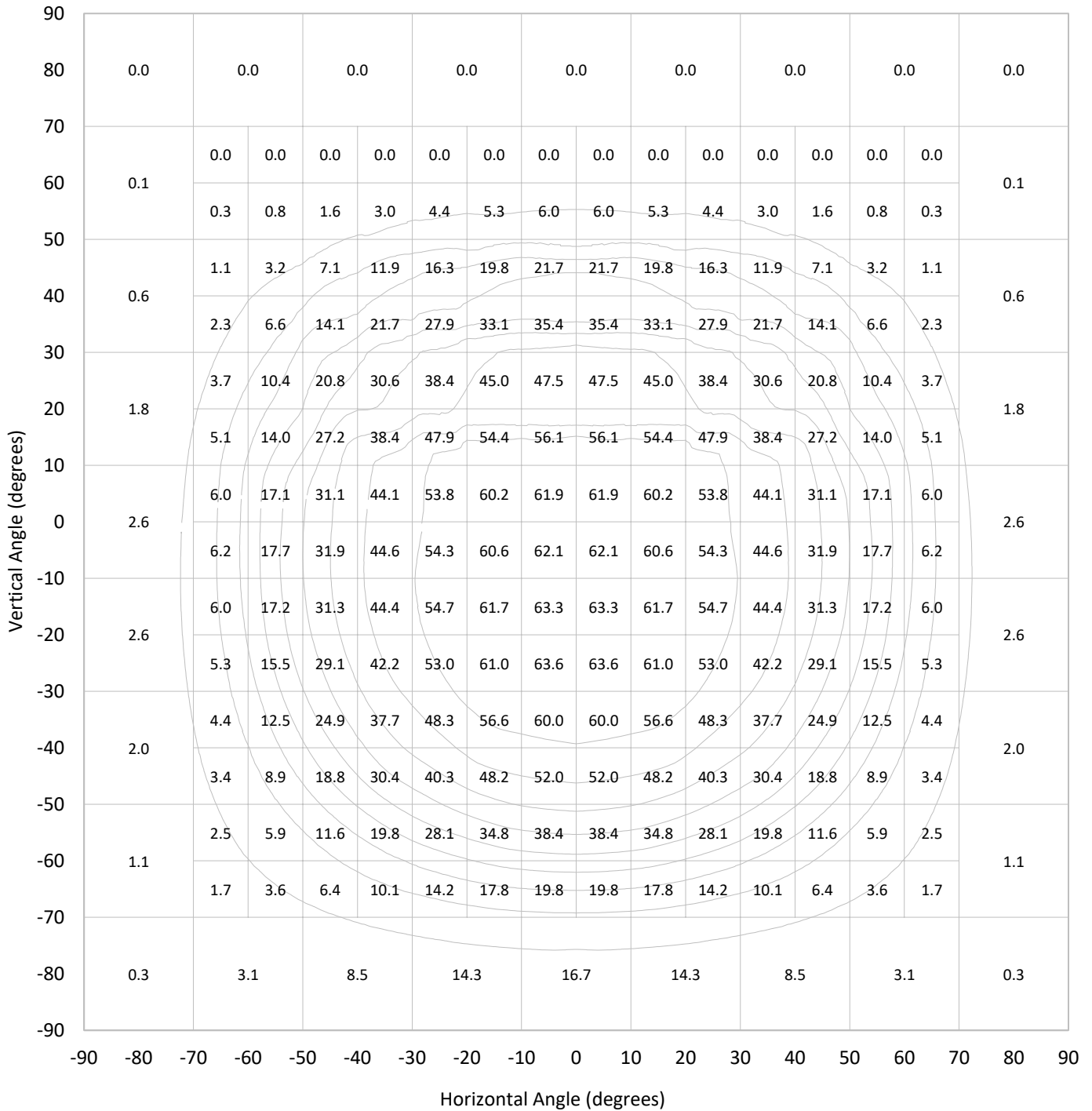
### Iso-Candela Plot





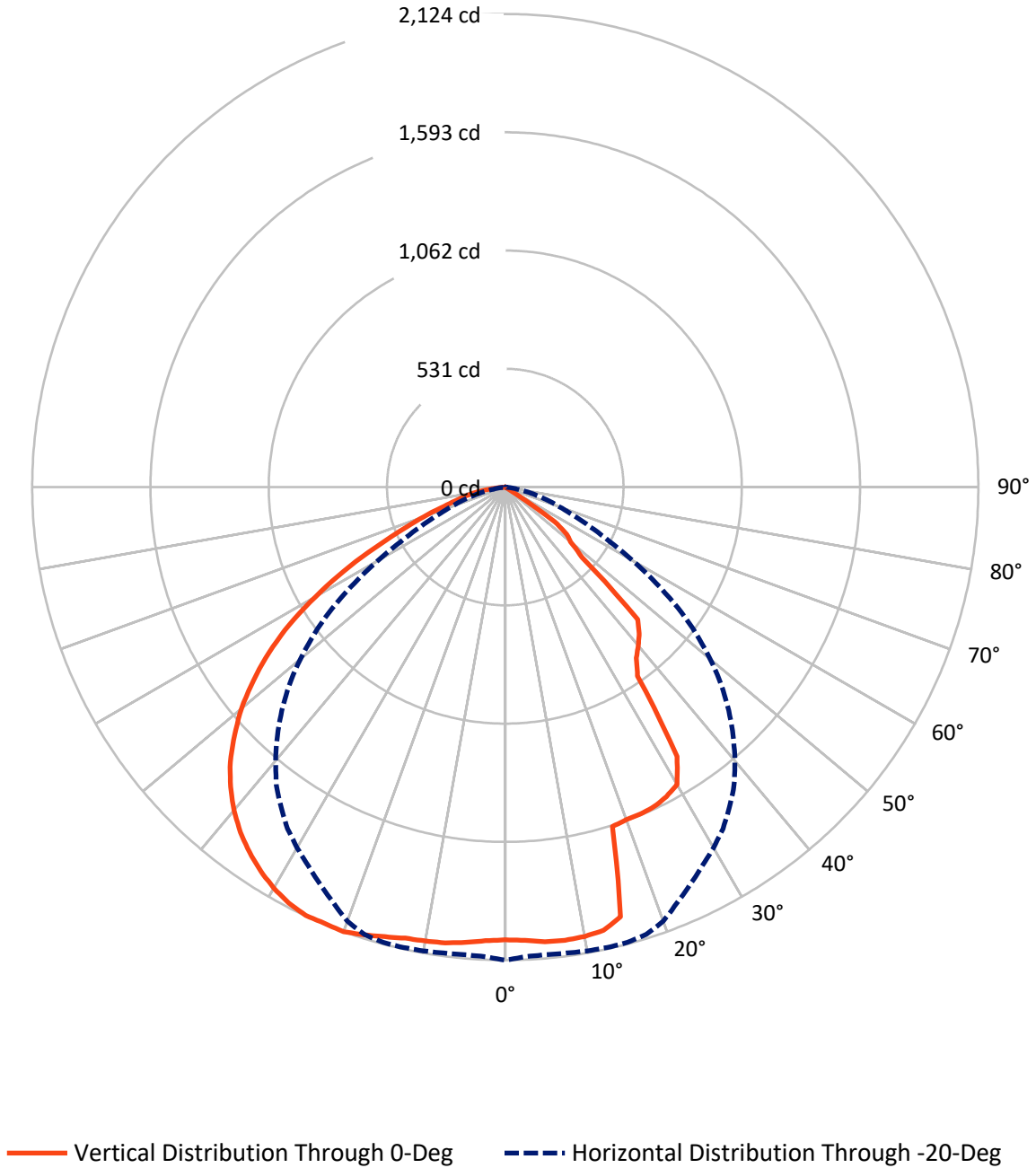
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### Lumen Table



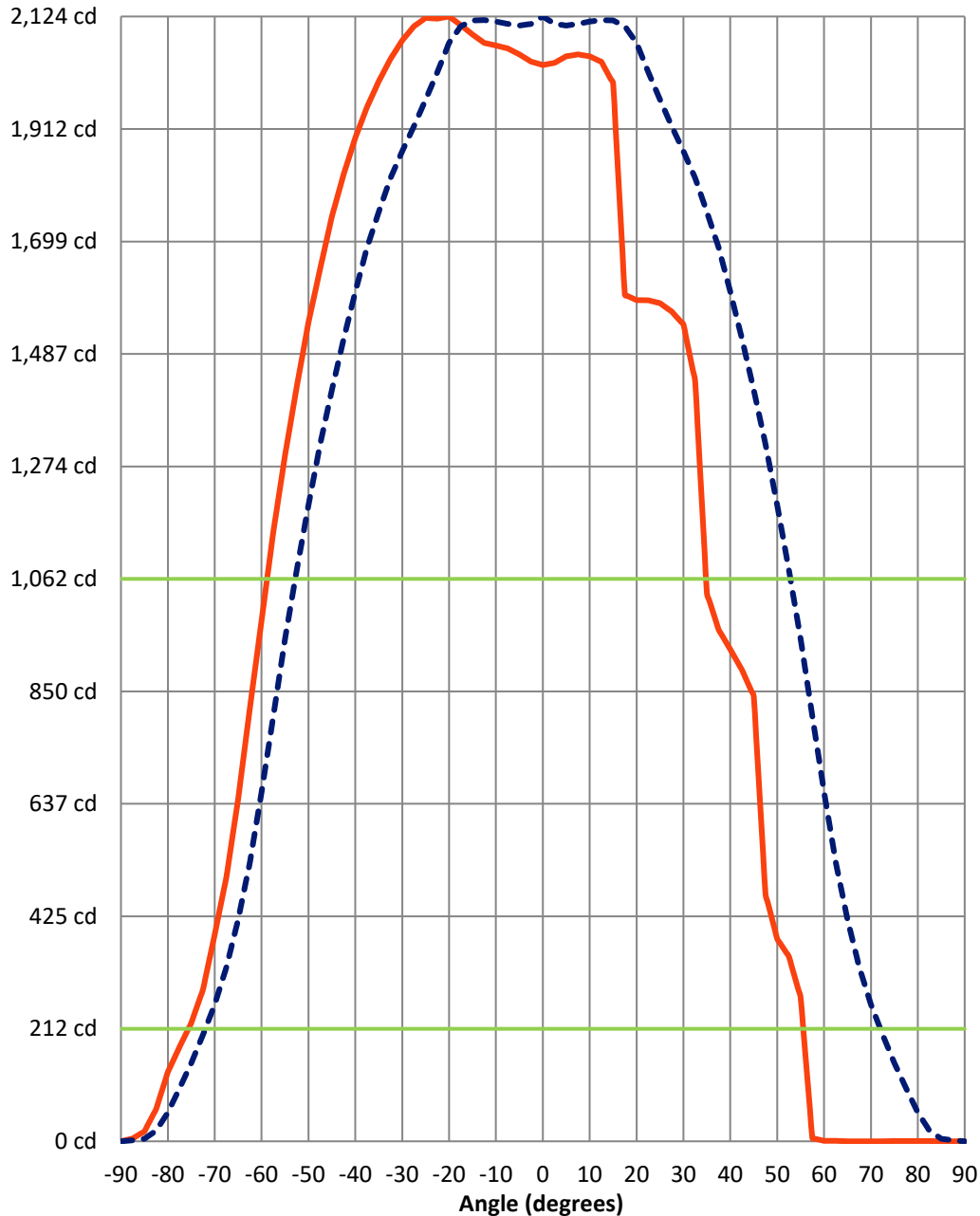
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 105.6°  
 V Angle: 93.7°  
 Lumens: 3893.2  
 Efficiency: 78.2%

**Field:**  
 H Angle: 144°  
 V Angle: 131.2°  
 Lumens: 4881.3  
 Efficiency: 98.0%

**Spill:**  
 Lumens: 98.9  
 Efficiency: 2.0%

— Vertical Distribution through 0-Deg  
 - - Horizontal Distribution through -20-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	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.4
82.5°	0.0	0.2	0.2	0.4	0.5	0.6	0.7	0.7	0.7	0.6	0.5
80°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	0.8	0.7	0.6	0.5
77.5°	0.0	0.3	0.4	0.6	0.8	0.9	0.9	0.8	0.7	0.6	0.5
75°	0.0	0.3	0.5	0.7	0.9	0.9	0.9	0.8	0.7	0.6	0.5
72.5°	0.0	0.3	0.6	0.8	1.0	1.0	0.9	0.8	0.7	0.6	0.5
70°	0.0	0.4	0.6	0.9	1.0	1.0	1.0	0.8	0.7	0.7	0.7
67.5°	0.0	0.4	0.7	1.0	1.1	1.1	1.1	0.9	0.8	1.0	1.0
65°	0.0	0.5	0.8	1.0	1.1	1.2	1.2	0.9	1.2	1.4	1.8
62.5°	0.0	0.5	0.9	1.1	1.2	1.5	1.4	1.2	1.7	2.5	3.9
60°	0.0	0.6	1.0	1.1	1.2	1.8	1.7	1.7	2.2	6.3	6.8
57.5°	0.0	0.6	1.0	1.2	1.6	2.2	3.1	2.4	6.1	10.7	12.4
55°	0.0	0.7	1.1	1.2	1.9	2.6	4.9	3.9	11.4	16.5	20.1
52.5°	0.0	0.7	1.1	1.3	2.3	3.3	7.1	9.9	17.1	25.9	29.2
50°	0.0	0.8	1.2	1.3	2.7	5.6	9.6	16.8	24.5	36.3	45.6
47.5°	0.0	0.8	1.2	1.5	3.2	8.1	12.8	24.0	35.3	47.8	62.3
45°	0.0	0.9	1.3	1.8	3.6	10.8	19.4	31.5	47.4	62.4	78.6
42.5°	0.0	0.9	1.4	2.1	4.1	13.7	26.1	41.0	59.8	76.5	97.4
40°	0.0	0.9	1.4	2.6	5.5	16.7	33.0	51.8	72.5	90.4	117.5
37.5°	0.0	1.0	1.5	3.1	7.9	19.9	39.9	62.7	85.8	107.1	138.5
35°	0.0	1.0	1.5	3.7	10.3	24.7	47.0	73.6	99.4	127.6	163.3
32.5°	0.0	1.1	1.6	4.4	12.7	30.3	54.7	84.4	113.1	148.2	193.4
30°	0.0	1.1	1.7	5.1	15.2	35.8	63.5	95.3	126.9	168.8	222.3
27.5°	0.0	1.1	1.7	5.9	18.2	41.3	72.1	106.7	142.1	189.4	250.0
25°	0.0	1.2	1.8	6.7	21.3	46.7	80.6	117.9	159.2	211.9	276.3
22.5°	0.0	1.2	1.8	7.5	24.4	52.2	88.7	129.0	176.0	234.4	303.0
20°	0.0	1.2	1.9	8.4	27.4	58.1	96.6	139.9	192.3	255.7	329.0
17.5°	0.0	1.3	2.0	9.3	30.5	63.8	104.4	150.4	208.2	275.6	354.2
15°	0.0	1.3	2.0	10.2	33.4	69.3	111.9	160.2	223.4	294.1	378.4
12.5°	0.0	1.3	2.1	11.0	36.3	74.6	118.9	168.9	235.5	311.4	401.5
10°	0.0	1.3	2.1	11.9	39.0	79.5	125.4	176.9	244.6	321.7	420.3
7.5°	0.0	1.4	2.2	12.7	41.5	84.1	131.4	184.3	252.3	329.7	431.2
5°	0.0	1.4	2.2	13.6	43.9	88.4	136.8	190.9	258.7	336.1	440.1
2.5°	0.0	1.4	2.3	14.3	46.1	92.3	141.7	196.7	263.9	341.1	446.9
0°	0.0	1.4	2.3	15.0	48.1	95.7	146.0	201.8	268.0	344.6	451.6
-2.5°	0.0	1.5	2.7	16.0	49.9	97.9	148.1	204.8	269.5	349.1	454.7
-5°	0.0	1.6	3.0	16.9	51.5	99.6	149.7	206.9	270.0	352.0	455.6
-7.5°	0.0	1.6	3.3	17.7	52.7	100.8	150.7	208.3	269.6	353.1	454.6
-10°	0.0	1.7	3.7	18.4	53.7	101.6	151.1	208.8	268.5	352.5	451.7
-12.5°	0.0	1.7	4.0	18.9	54.3	101.9	151.0	208.5	266.6	349.6	446.8
-15°	0.0	1.8	4.3	19.4	54.7	101.8	150.4	207.2	264.5	344.1	439.6
-17.5°	0.0	1.9	4.5	19.7	54.6	101.2	149.3	204.7	261.9	337.1	430.2
-20°	0.0	1.9	4.8	19.9	54.2	100.1	147.6	201.1	258.3	328.9	418.7

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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.9	5.0	20.0	53.5	98.6	145.2	196.9	253.5	319.4	405.0
-25°	0.0	2.0	5.2	19.9	52.3	96.2	142.1	191.9	247.6	308.7	389.1
-27.5°	0.0	2.0	5.4	19.7	50.8	93.2	138.5	186.2	240.5	298.3	375.0
-30°	0.0	2.0	5.5	19.3	48.9	89.9	134.3	179.9	232.9	289.5	360.0
-32.5°	0.0	2.0	5.6	18.7	46.7	86.1	129.6	174.1	224.7	279.4	344.0
-35°	0.0	2.0	5.7	17.9	44.2	82.0	124.5	168.0	215.9	267.8	327.0
-37.5°	0.0	2.0	5.7	17.0	41.5	77.8	119.0	161.2	206.5	255.0	310.1
-40°	0.0	2.0	5.7	16.0	38.5	74.0	113.1	153.8	196.5	242.9	293.5
-42.5°	0.0	1.9	5.7	14.8	36.3	70.0	106.7	145.7	186.8	230.0	275.6
-45°	0.0	1.9	5.6	13.7	34.7	65.7	100.0	137.4	176.9	216.4	257.0
-47.5°	0.0	1.8	5.5	12.3	32.9	61.1	92.8	129.1	166.2	202.1	241.0
-50°	0.0	1.8	5.4	11.9	30.8	56.3	86.9	120.4	154.5	188.9	224.2
-52.5°	0.0	1.7	5.2	11.7	28.5	51.3	80.9	111.2	143.3	175.4	207.0
-55°	0.0	1.6	5.0	11.3	25.8	47.5	74.7	102.0	132.0	161.5	191.7
-57.5°	0.0	1.6	4.8	10.8	23.0	43.6	68.3	94.7	120.3	148.1	176.1
-60°	0.0	1.5	4.5	10.2	20.0	39.4	61.8	86.6	108.6	134.6	160.5
-62.5°	0.0	1.4	4.2	9.5	18.6	34.8	55.8	77.7	97.8	120.7	145.2
-65°	0.0	1.3	3.9	8.6	17.0	30.0	49.4	68.6	86.4	106.9	129.5
-67.5°	0.0	1.2	3.6	7.7	15.1	25.9	42.6	59.5	74.4	92.3	112.6
-70°	0.0	1.1	3.3	6.7	13.2	22.7	35.4	50.2	63.6	77.2	94.6
-72.5°	0.0	0.9	2.9	5.9	11.1	19.2	30.0	40.7	52.6	64.6	76.8
-75°	0.0	0.8	2.5	5.1	8.8	15.5	24.5	32.8	41.4	51.9	62.5
-77.5°	0.0	0.7	2.1	4.3	7.3	11.6	18.7	25.3	32.2	39.6	48.0
-80°	0.0	0.6	1.7	3.5	5.9	8.8	12.8	17.7	23.0	28.8	34.9
-82.5°	0.0	0.4	1.3	2.6	4.4	6.7	9.4	11.4	13.8	17.8	22.2
-85°	0.0	0.3	0.9	1.8	3.0	4.5	6.3	7.6	9.0	10.4	11.9
-87.5°	0.0	0.1	0.4	0.9	1.5	2.2	3.2	3.8	4.5	5.2	6.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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 CATALOG NUMBER: GFLD-SA2B-722-U-LAM-VSR-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°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
85°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
82.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
80°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
77.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
72.5°	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
70°	0.7	0.7	0.7	0.6	0.5	0.5	0.6	0.5	0.5	0.5	0.5
67.5°	0.9	0.8	0.7	0.7	0.7	0.7	0.7	0.6	0.5	0.5	0.5
65°	0.9	0.8	1.1	1.3	0.9	0.8	0.7	0.6	0.7	0.7	0.7
62.5°	1.3	1.7	2.2	3.8	2.9	0.8	1.5	1.8	1.3	1.1	1.1
60°	4.4	3.0	8.9	12.8	8.0	2.9	3.5	11.8	10.3	1.9	6.4
57.5°	9.3	12.8	23.5	23.9	16.6	11.4	33.2	38.4	29.1	16.9	25.9
55°	20.5	31.5	39.0	36.1	39.4	59.7	71.0	63.8	53.7	82.6	105.5
52.5°	40.0	51.3	53.8	61.8	88.4	101.6	97.4	104.1	135.0	167.7	174.8
50°	59.1	68.3	75.5	109.1	130.0	131.3	141.0	171.6	212.8	232.8	228.0
47.5°	77.6	87.1	120.4	152.7	162.1	175.0	199.1	258.3	302.0	302.8	297.9
45°	97.1	122.5	165.0	186.1	201.3	226.1	284.6	366.2	370.4	382.2	455.1
42.5°	117.9	162.4	199.6	221.5	246.0	292.4	370.4	423.9	442.3	494.2	552.8
40°	151.7	201.0	233.5	261.5	293.1	360.7	446.2	496.3	511.2	556.1	600.2
37.5°	186.0	233.3	269.6	303.4	347.2	438.4	537.3	578.7	586.2	594.4	692.1
35°	219.0	266.3	309.8	354.1	407.7	539.1	625.5	664.4	663.2	718.6	820.8
32.5°	249.8	300.1	351.5	410.6	499.2	633.8	720.3	743.6	778.8	859.5	999.0
30°	280.6	337.8	396.8	467.3	579.5	696.1	794.9	832.3	892.8	984.8	1086.4
27.5°	312.3	376.5	447.8	530.4	642.8	750.0	834.4	923.8	982.6	1065.1	1137.3
25°	343.9	417.4	498.1	585.6	688.1	788.0	875.3	978.6	1041.7	1108.2	1175.6
22.5°	377.1	458.9	550.1	629.3	726.3	820.3	924.2	1036.2	1118.3	1160.5	1205.8
20°	411.7	503.8	601.0	688.8	763.9	850.3	973.3	1109.4	1215.4	1262.9	1269.1
17.5°	445.9	547.2	651.8	746.8	827.9	904.8	1024.8	1197.1	1328.8	1373.1	1392.7
15°	479.2	589.1	702.3	803.3	892.3	986.3	1114.5	1289.7	1440.3	1489.3	1520.2
12.5°	511.4	629.0	752.0	857.9	956.8	1062.3	1196.0	1356.4	1493.8	1588.5	1645.2
10°	542.0	666.6	800.2	910.4	1020.5	1132.7	1263.4	1406.0	1517.9	1609.2	1689.7
7.5°	557.5	691.2	841.7	960.3	1082.7	1197.8	1318.6	1441.0	1535.2	1624.8	1702.7
5°	568.0	701.3	854.6	977.6	1115.7	1241.2	1358.5	1464.0	1546.6	1635.3	1711.4
2.5°	575.5	707.9	863.4	987.2	1128.1	1254.5	1370.0	1471.7	1555.9	1642.9	1720.7
0°	580.0	711.0	867.9	993.0	1135.9	1263.3	1376.7	1474.6	1562.1	1646.5	1730.3
-2.5°	582.6	720.5	870.9	1008.1	1143.4	1270.9	1386.0	1481.6	1573.0	1653.3	1737.4
-5°	582.2	726.2	870.1	1018.2	1147.0	1273.8	1390.7	1484.7	1578.9	1658.4	1740.3
-7.5°	579.1	727.5	866.2	1021.4	1147.1	1272.8	1388.7	1486.3	1578.9	1663.1	1740.6
-10°	573.4	722.4	862.6	1013.2	1142.7	1267.7	1382.4	1483.0	1575.2	1662.2	1739.0
-12.5°	566.8	711.8	855.0	1001.4	1133.8	1258.0	1372.8	1474.5	1568.3	1655.1	1735.6
-15°	556.8	697.7	842.6	986.4	1120.2	1244.0	1360.5	1460.6	1557.7	1642.7	1725.3
-17.5°	543.4	680.2	825.1	968.6	1101.8	1225.7	1344.6	1442.3	1538.9	1626.7	1706.5
-20°	526.5	659.5	802.4	948.4	1078.5	1201.1	1316.3	1418.6	1514.6	1603.9	1687.7

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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	506.0	635.7	775.0	921.1	1049.5	1170.7	1284.5	1388.5	1487.9	1574.3	1663.6
-25°	485.6	610.5	744.8	883.4	1015.8	1136.4	1250.6	1351.9	1453.5	1543.4	1628.2
-27.5°	466.0	581.3	709.7	841.8	977.6	1097.6	1210.8	1312.1	1410.8	1509.0	1590.7
-30°	444.0	547.5	671.2	797.4	929.8	1052.0	1166.1	1271.2	1365.1	1462.1	1549.8
-32.5°	419.7	511.7	630.6	752.0	876.8	1001.8	1114.7	1219.2	1316.9	1408.6	1500.6
-35°	396.0	482.8	587.6	703.2	820.7	943.3	1056.3	1159.7	1261.1	1352.0	1440.0
-37.5°	374.7	451.5	541.9	652.3	764.6	880.5	995.5	1095.6	1192.1	1292.0	1377.8
-40°	351.6	417.9	502.2	599.9	705.6	815.9	926.0	1029.6	1120.2	1219.0	1313.4
-42.5°	327.5	390.5	463.2	544.4	644.2	748.2	854.4	955.8	1050.0	1143.1	1236.6
-45°	306.3	361.5	423.4	497.6	578.9	676.6	777.3	878.3	968.7	1057.5	1149.7
-47.5°	283.8	332.3	389.6	448.9	519.5	601.3	695.9	789.0	881.5	966.0	1047.7
-50°	261.3	306.1	353.1	406.5	464.8	531.1	609.6	696.3	780.8	867.5	948.4
-52.5°	242.0	278.5	321.0	365.5	415.4	470.3	533.2	604.4	681.2	754.8	835.6
-55°	222.0	254.9	289.2	328.3	369.9	416.2	467.8	527.5	586.2	654.3	720.2
-57.5°	203.7	231.4	260.7	293.0	329.1	366.1	411.2	457.7	510.9	563.8	616.1
-60°	186.4	209.1	233.9	261.3	290.3	323.3	356.9	396.9	439.7	481.9	526.2
-62.5°	169.0	188.1	208.3	231.1	256.4	281.3	310.0	340.8	372.4	408.1	443.0
-65°	151.1	166.6	183.7	202.6	222.7	244.0	266.1	288.9	315.7	341.9	367.3
-67.5°	132.1	145.4	159.2	174.1	191.0	207.7	224.3	243.6	263.3	282.7	302.8
-70°	111.1	123.5	135.1	147.2	159.7	172.8	187.0	201.1	215.1	229.6	245.7
-72.5°	89.7	101.1	111.3	120.3	130.6	141.4	151.8	161.7	172.2	183.2	194.2
-75°	71.5	79.1	88.2	96.5	104.7	112.3	119.2	127.6	136.3	144.4	151.0
-77.5°	55.8	62.7	68.9	74.5	81.0	88.7	95.3	101.0	106.6	112.7	119.2
-80°	40.6	46.3	52.0	57.1	60.9	65.2	70.3	76.1	81.2	85.4	89.2
-82.5°	26.2	30.4	34.6	38.8	40.6	41.8	42.9	44.9	48.0	51.1	54.1
-85°	13.1	14.3	16.8	19.5	20.4	21.0	21.5	21.7	22.8	23.7	24.6
-87.5°	6.6	7.1	7.7	8.3	8.0	7.6	7.1	6.4	6.3	6.1	5.9
-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°	0.4	0.4	0.4	0.4	0.5	0.3	0.2	0.1	0.0	0.0	0.0
85°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.2
82.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
80°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
77.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
72.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
70°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
67.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.3
65°	0.7	0.6	0.7	0.7	0.6	0.6	0.6	0.6	0.5	0.4	0.3
62.5°	1.1	1.3	1.0	1.0	1.0	1.0	0.9	0.9	0.8	0.8	0.8
60°	7.1	4.2	2.5	2.9	2.6	1.7	2.2	2.6	2.6	2.4	2.1
57.5°	39.4	29.4	21.7	52.0	52.2	24.9	30.0	47.2	38.8	12.7	11.8
55°	109.6	131.1	172.6	163.9	166.6	191.6	209.2	185.2	181.6	193.5	223.6
52.5°	197.0	217.5	231.4	244.4	260.3	277.4	295.0	306.2	316.7	327.8	334.4
50°	251.5	280.4	300.3	293.0	334.1	350.9	333.8	349.1	367.7	372.8	375.2
47.5°	371.4	413.8	422.2	449.5	474.0	473.5	452.6	453.8	509.2	558.1	582.1
45°	533.8	535.2	561.9	610.1	644.5	633.6	662.7	728.8	750.8	772.0	789.5
42.5°	597.1	623.3	665.8	708.4	734.0	756.3	777.8	802.1	830.7	853.8	872.3
40°	658.3	679.4	723.0	757.3	778.5	799.3	824.4	851.3	877.4	897.8	911.6
37.5°	752.6	769.0	779.6	811.4	851.6	833.1	880.7	914.8	930.4	951.0	952.8
35°	895.2	884.3	870.2	997.0	1004.6	961.8	1006.3	1059.1	1031.2	1089.3	1120.5
32.5°	1021.6	1020.0	1130.6	1197.3	1159.0	1190.3	1292.8	1288.3	1356.6	1388.4	1379.3
30°	1140.7	1181.4	1245.4	1295.1	1301.7	1351.1	1396.6	1436.5	1477.8	1514.7	1517.3
27.5°	1201.2	1254.3	1297.7	1326.5	1358.5	1400.0	1441.4	1486.3	1521.4	1544.5	1550.2
25°	1237.8	1292.0	1324.9	1355.8	1391.2	1427.0	1473.3	1522.3	1550.4	1564.8	1569.3
22.5°	1270.1	1318.8	1354.1	1379.2	1417.3	1455.8	1499.0	1540.4	1571.0	1577.3	1579.6
20°	1301.1	1347.9	1407.0	1443.9	1442.1	1485.5	1527.0	1560.0	1585.5	1585.4	1586.0
17.5°	1390.9	1407.6	1514.8	1596.2	1555.9	1534.6	1648.9	1651.1	1657.9	1644.4	1615.1
15°	1523.9	1554.3	1685.9	1774.1	1746.4	1744.9	1910.1	1869.1	1904.4	1895.1	1934.8
12.5°	1664.7	1700.7	1799.1	1885.7	1927.0	1937.1	1992.3	2044.0	2054.6	2050.4	2042.6
10°	1760.6	1811.9	1851.5	1904.0	1945.7	1988.1	2020.1	2057.2	2069.4	2062.4	2052.4
7.5°	1773.1	1823.8	1870.2	1916.4	1956.0	1990.3	2023.4	2053.6	2066.0	2061.9	2055.1
5°	1781.1	1827.0	1872.0	1918.8	1956.7	1988.4	2021.5	2052.1	2059.4	2054.5	2047.8
2.5°	1786.0	1828.5	1871.9	1918.4	1952.9	1983.1	2016.6	2049.2	2049.1	2047.0	2043.1
0°	1788.4	1831.0	1881.3	1923.5	1962.1	1990.6	2023.7	2055.5	2053.2	2047.3	2040.5
-2.5°	1793.5	1836.7	1888.0	1923.0	1966.4	1992.6	2026.8	2054.3	2053.2	2050.4	2047.0
-5°	1798.0	1846.6	1894.6	1931.4	1975.0	2009.2	2043.2	2064.7	2065.8	2061.8	2056.1
-7.5°	1800.8	1854.7	1900.5	1937.4	1979.7	2019.4	2053.9	2076.5	2076.9	2071.6	2064.8
-10°	1799.9	1856.7	1903.9	1942.0	1985.3	2024.6	2060.7	2089.3	2088.4	2083.3	2077.4
-12.5°	1796.5	1853.3	1901.7	1939.9	1989.1	2029.5	2070.1	2098.6	2100.1	2096.3	2090.0
-15°	1789.0	1847.6	1894.7	1936.5	1984.7	2032.0	2073.6	2105.1	2110.7	2107.5	2102.6
-17.5°	1774.3	1836.1	1886.1	1931.1	1977.3	2027.7	2075.1	2109.4	2117.1	2115.8	2111.8
-20°	1754.8	1818.7	1869.4	1916.6	1966.9	2018.8	2074.0	2105.3	2116.4	2117.1	2114.3



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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°	1733.1	1795.6	1849.4	1895.8	1950.3	2002.9	2052.8	2089.6	2108.2	2111.7	2111.9
-25°	1706.9	1771.1	1824.6	1874.0	1924.7	1979.0	2029.5	2070.6	2089.5	2098.5	2101.3
-27.5°	1670.0	1736.4	1789.0	1841.2	1892.8	1948.9	2002.0	2046.6	2062.0	2074.4	2079.4
-30°	1626.8	1692.5	1746.1	1793.8	1852.8	1910.0	1964.8	2003.7	2026.9	2041.1	2048.9
-32.5°	1577.1	1643.4	1699.7	1749.5	1805.6	1862.8	1914.3	1955.3	1987.3	2003.7	2012.0
-35°	1523.2	1590.8	1649.8	1702.3	1755.2	1809.6	1863.0	1905.9	1942.4	1956.5	1966.9
-37.5°	1458.2	1532.8	1593.3	1647.4	1697.6	1748.9	1804.4	1853.5	1888.9	1902.6	1913.5
-40°	1391.5	1463.6	1524.6	1582.4	1632.0	1688.0	1741.5	1792.9	1823.6	1839.6	1852.0
-42.5°	1321.2	1386.3	1444.3	1500.4	1555.7	1613.3	1666.8	1720.2	1746.8	1766.0	1781.2
-45°	1239.9	1300.5	1356.9	1409.4	1466.3	1523.0	1576.5	1623.8	1655.4	1680.4	1699.8
-47.5°	1131.6	1205.5	1262.1	1312.0	1368.5	1423.1	1475.0	1519.4	1554.0	1583.3	1605.8
-50°	1021.6	1092.5	1156.3	1212.4	1264.8	1315.3	1364.7	1408.1	1444.8	1476.5	1499.4
-52.5°	913.3	979.7	1043.1	1101.0	1151.3	1199.0	1244.2	1287.9	1326.5	1360.5	1382.6
-55°	790.9	859.7	922.3	976.3	1026.7	1073.7	1118.4	1159.8	1197.9	1232.4	1253.6
-57.5°	676.1	736.4	794.7	844.6	892.0	936.9	979.2	1018.9	1055.6	1088.0	1108.5
-60°	570.5	614.5	664.7	710.7	752.8	791.0	830.4	867.4	901.1	929.7	948.8
-62.5°	477.2	513.6	549.9	584.9	619.0	653.3	686.4	717.1	745.2	768.6	785.3
-65°	394.0	423.3	449.5	474.4	498.0	525.1	550.2	573.8	595.7	613.7	626.4
-67.5°	324.5	345.1	363.2	380.2	398.9	418.0	435.9	451.5	464.9	475.5	483.9
-70°	261.7	276.8	290.5	304.1	317.7	330.1	342.0	353.5	364.4	373.2	379.9
-72.5°	204.9	215.2	224.6	235.0	244.8	254.3	262.5	269.1	274.3	279.3	283.6
-75°	156.2	164.0	174.5	183.4	190.7	197.2	203.1	208.4	213.0	217.1	220.7
-77.5°	125.7	132.3	139.0	145.4	151.7	156.3	160.6	165.0	169.2	172.8	176.1
-80°	93.2	98.1	103.2	108.4	113.6	116.2	118.2	120.1	121.7	123.9	125.9
-82.5°	56.9	59.7	62.6	65.5	68.4	69.1	69.4	69.3	69.0	68.2	66.9
-85°	25.3	25.5	25.4	25.1	24.6	23.6	22.4	21.0	19.4	19.1	18.8
-87.5°	5.6	5.4	5.3	5.1	4.9	4.9	4.9	4.9	4.8	5.0	5.1
-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):**

	-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
85°	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.5	0.5
82.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
80°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
77.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
72.5°	0.5	0.5	0.3	0.0	0.3	0.5	0.5	0.5	0.5	0.5	0.5
70°	0.5	0.5	0.3	0.0	0.3	0.5	0.5	0.5	0.5	0.5	0.5
67.5°	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.5	0.5
65°	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.5	0.6
62.5°	0.8	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.9
60°	1.6	1.1	0.9	0.9	0.9	1.1	1.6	2.1	2.4	2.6	2.6
57.5°	10.0	7.5	6.4	5.9	6.4	7.5	10.0	11.8	12.7	38.8	47.2
55°	245.1	257.5	266.9	271.2	266.9	257.5	245.1	223.6	193.5	181.6	185.2
52.5°	340.3	345.7	348.8	348.7	348.8	345.7	340.3	334.4	327.8	316.7	306.2
50°	379.3	381.9	382.9	382.3	382.9	381.9	379.3	375.2	372.8	367.7	349.1
47.5°	560.2	511.7	476.1	467.5	476.1	511.7	560.2	582.1	558.1	509.2	453.8
45°	797.8	816.2	834.5	840.2	834.5	816.2	797.8	789.5	772.0	750.8	728.8
42.5°	880.1	886.1	889.5	889.7	889.5	886.1	880.1	872.3	853.8	830.7	802.1
40°	919.4	925.1	928.4	928.7	928.4	925.1	919.4	911.6	897.8	877.4	851.3
37.5°	955.1	959.9	963.1	966.3	963.1	959.9	955.1	952.8	951.0	930.4	914.8
35°	1116.3	1079.8	1027.2	1035.2	1027.2	1079.8	1116.3	1120.5	1089.3	1031.2	1059.1
32.5°	1393.5	1408.8	1418.4	1434.7	1418.4	1408.8	1393.5	1379.3	1388.4	1356.6	1288.3
30°	1521.4	1526.4	1534.1	1542.2	1534.1	1526.4	1521.4	1517.3	1514.7	1477.8	1436.5
27.5°	1553.2	1558.5	1563.2	1566.7	1563.2	1558.5	1553.2	1550.2	1544.5	1521.4	1486.3
25°	1569.9	1573.2	1578.1	1582.5	1578.1	1573.2	1569.9	1569.3	1564.8	1550.4	1522.3
22.5°	1578.2	1578.5	1582.4	1588.0	1582.4	1578.5	1578.2	1579.6	1577.3	1571.0	1540.4
20°	1583.9	1580.9	1584.8	1588.4	1584.8	1580.9	1583.9	1586.0	1585.4	1585.5	1560.0
17.5°	1656.4	1615.1	1598.1	1598.4	1598.1	1615.1	1656.4	1615.1	1644.4	1657.9	1651.1
15°	1890.3	1905.8	1965.3	1997.4	1965.3	1905.8	1890.3	1934.8	1895.1	1904.4	1869.1
12.5°	2041.2	2035.7	2028.6	2038.2	2028.6	2035.7	2041.2	2042.6	2050.4	2054.6	2044.0
10°	2048.2	2047.5	2035.0	2048.7	2035.0	2047.5	2048.2	2052.4	2062.4	2069.4	2057.2
7.5°	2043.9	2044.3	2038.9	2052.3	2038.9	2044.3	2043.9	2055.1	2061.9	2066.0	2053.6
5°	2046.8	2037.5	2041.0	2048.7	2041.0	2037.5	2046.8	2047.8	2054.5	2059.4	2052.1
2.5°	2038.8	2037.9	2031.1	2036.4	2031.1	2037.9	2038.8	2043.1	2047.0	2049.1	2049.2
0°	2032.8	2027.8	2027.8	2032.3	2027.8	2027.8	2032.8	2040.5	2047.3	2053.2	2055.5
-2.5°	2043.5	2042.4	2041.8	2038.7	2041.8	2042.4	2043.5	2047.0	2050.4	2053.2	2054.3
-5°	2052.3	2049.6	2042.2	2052.3	2042.2	2049.6	2052.3	2056.1	2061.8	2065.8	2064.7
-7.5°	2061.8	2054.9	2047.9	2063.6	2047.9	2054.9	2061.8	2064.8	2071.6	2076.9	2076.5
-10°	2070.5	2060.5	2053.7	2069.1	2053.7	2060.5	2070.5	2077.4	2083.3	2088.4	2089.3
-12.5°	2081.9	2070.3	2065.7	2074.1	2065.7	2070.3	2081.9	2090.0	2096.3	2100.1	2098.6
-15°	2094.1	2086.1	2085.0	2089.9	2085.0	2086.1	2094.1	2102.6	2107.5	2110.7	2105.1
-17.5°	2104.9	2099.2	2102.0	2107.6	2102.0	2099.2	2104.9	2111.8	2115.8	2117.1	2109.4
-20°	2110.0	2106.8	2110.0	2123.9	2110.0	2106.8	2110.0	2114.3	2117.1	2116.4	2105.3



REPORT NUMBER: P645355 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2109.5	2109.7	2115.3	2119.9	2115.3	2109.7	2109.5	2111.9	2111.7	2108.2	2089.6
-25°	2101.5	2105.8	2112.1	2121.2	2112.1	2105.8	2101.5	2101.3	2098.5	2089.5	2070.6
-27.5°	2082.1	2089.1	2095.8	2105.3	2095.8	2089.1	2082.1	2079.4	2074.4	2062.0	2046.6
-30°	2054.0	2062.4	2068.3	2078.6	2068.3	2062.4	2054.0	2048.9	2041.1	2026.9	2003.7
-32.5°	2019.9	2029.3	2036.3	2043.7	2036.3	2029.3	2019.9	2012.0	2003.7	1987.3	1955.3
-35°	1977.2	1987.4	1994.8	2001.5	1994.8	1987.4	1977.2	1966.9	1956.5	1942.4	1905.9
-37.5°	1925.8	1936.8	1945.3	1953.0	1945.3	1936.8	1925.8	1913.5	1902.6	1888.9	1853.5
-40°	1866.1	1877.4	1886.4	1894.9	1886.4	1877.4	1866.1	1852.0	1839.6	1823.6	1792.9
-42.5°	1796.2	1807.6	1817.0	1825.6	1817.0	1807.6	1796.2	1781.2	1766.0	1746.8	1720.2
-45°	1715.5	1727.2	1737.1	1746.2	1737.1	1727.2	1715.5	1699.8	1680.4	1655.4	1623.8
-47.5°	1622.5	1635.1	1643.5	1647.8	1643.5	1635.1	1622.5	1605.8	1583.3	1554.0	1519.4
-50°	1516.0	1528.6	1538.7	1546.2	1538.7	1528.6	1516.0	1499.4	1476.5	1444.8	1408.1
-52.5°	1398.7	1410.7	1419.4	1424.7	1419.4	1410.7	1398.7	1382.6	1360.5	1326.5	1287.9
-55°	1270.3	1282.8	1291.1	1295.0	1291.1	1282.8	1270.3	1253.6	1232.4	1197.9	1159.8
-57.5°	1124.7	1136.6	1145.4	1150.4	1145.4	1136.6	1124.7	1108.5	1088.0	1055.6	1018.9
-60°	963.6	974.2	980.9	983.5	980.9	974.2	963.6	948.8	929.7	901.1	867.4
-62.5°	798.8	808.9	815.2	817.6	815.2	808.9	798.8	785.3	768.6	745.2	717.1
-65°	635.9	642.2	645.7	646.2	645.7	642.2	635.9	626.4	613.7	595.7	573.8
-67.5°	490.5	495.3	498.2	499.2	498.2	495.3	490.5	483.9	475.5	464.9	451.5
-70°	384.9	388.2	390.1	390.4	390.1	388.2	384.9	379.9	373.2	364.4	353.5
-72.5°	287.0	289.3	288.5	286.6	288.5	289.3	287.0	283.6	279.3	274.3	269.1
-75°	223.8	226.5	225.4	223.5	225.4	226.5	223.8	220.7	217.1	213.0	208.4
-77.5°	178.9	181.2	180.1	178.2	180.1	181.2	178.9	176.1	172.8	169.2	165.0
-80°	127.7	129.1	130.1	130.6	130.1	129.1	127.7	125.9	123.9	121.7	120.1
-82.5°	65.4	63.4	62.2	60.8	62.2	63.4	65.4	66.9	68.2	69.0	69.3
-85°	18.5	18.0	18.3	18.6	18.3	18.0	18.5	18.8	19.1	19.4	21.0
-87.5°	5.3	5.4	5.4	5.4	5.4	5.4	5.3	5.1	5.0	4.8	4.9
-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: P645355 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-722-U-LAM-VSR-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°	0.2	0.3	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
85°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
82.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
80°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
77.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
72.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
70°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
67.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6
65°	0.6	0.6	0.6	0.7	0.7	0.6	0.7	0.7	0.7	0.7	0.6
62.5°	0.9	1.0	1.0	1.0	1.0	1.3	1.1	1.1	1.1	1.3	1.8
60°	2.2	1.7	2.6	2.9	2.5	4.2	7.1	6.4	1.9	10.3	11.8
57.5°	30.0	24.9	52.2	52.0	21.7	29.4	39.4	25.9	16.9	29.1	38.4
55°	209.2	191.6	166.6	163.9	172.6	131.1	109.6	105.5	82.6	53.7	63.8
52.5°	295.0	277.4	260.3	244.4	231.4	217.5	197.0	174.8	167.7	135.0	104.1
50°	333.8	350.9	334.1	293.0	300.3	280.4	251.5	228.0	232.8	212.8	171.6
47.5°	452.6	473.5	474.0	449.5	422.2	413.8	371.4	297.9	302.8	302.0	258.3
45°	662.7	633.6	644.5	610.1	561.9	535.2	533.8	455.1	382.2	370.4	366.2
42.5°	777.8	756.3	734.0	708.4	665.8	623.3	597.1	552.8	494.2	442.3	423.9
40°	824.4	799.3	778.5	757.3	723.0	679.4	658.3	600.2	556.1	511.2	496.3
37.5°	880.7	833.1	851.6	811.4	779.6	769.0	752.6	692.1	594.4	586.2	578.7
35°	1006.3	961.8	1004.6	997.0	870.2	884.3	895.2	820.8	718.6	663.2	664.4
32.5°	1292.8	1190.3	1159.0	1197.3	1130.6	1020.0	1021.6	999.0	859.5	778.8	743.6
30°	1396.6	1351.1	1301.7	1295.1	1245.4	1181.4	1140.7	1086.4	984.8	892.8	832.3
27.5°	1441.4	1400.0	1358.5	1326.5	1297.7	1254.3	1201.2	1137.3	1065.1	982.6	923.8
25°	1473.3	1427.0	1391.2	1355.8	1324.9	1292.0	1237.8	1175.6	1108.2	1041.7	978.6
22.5°	1499.0	1455.8	1417.3	1379.2	1354.1	1318.8	1270.1	1205.8	1160.5	1118.3	1036.2
20°	1527.0	1485.5	1442.1	1443.9	1407.0	1347.9	1301.1	1269.1	1262.9	1215.4	1109.4
17.5°	1648.9	1534.6	1555.9	1596.2	1514.8	1407.6	1390.9	1392.7	1373.1	1328.8	1197.1
15°	1910.1	1744.9	1746.4	1774.1	1685.9	1554.3	1523.9	1520.2	1489.3	1440.3	1289.7
12.5°	1992.3	1937.1	1927.0	1885.7	1799.1	1700.7	1664.7	1645.2	1588.5	1493.8	1356.4
10°	2020.1	1988.1	1945.7	1904.0	1851.5	1811.9	1760.6	1689.7	1609.2	1517.9	1406.0
7.5°	2023.4	1990.3	1956.0	1916.4	1870.2	1823.8	1773.1	1702.7	1624.8	1535.2	1441.0
5°	2021.5	1988.4	1956.7	1918.8	1872.0	1827.0	1781.1	1711.4	1635.3	1546.6	1464.0
2.5°	2016.6	1983.1	1952.9	1918.4	1871.9	1828.5	1786.0	1720.7	1642.9	1555.9	1471.7
0°	2023.7	1990.6	1962.1	1923.5	1881.3	1831.0	1788.4	1730.3	1646.5	1562.1	1474.6
-2.5°	2026.8	1992.6	1966.4	1923.0	1888.0	1836.7	1793.5	1737.4	1653.3	1573.0	1481.6
-5°	2043.2	2009.2	1975.0	1931.4	1894.6	1846.6	1798.0	1740.3	1658.4	1578.9	1484.7
-7.5°	2053.9	2019.4	1979.7	1937.4	1900.5	1854.7	1800.8	1740.6	1663.1	1578.9	1486.3
-10°	2060.7	2024.6	1985.3	1942.0	1903.9	1856.7	1799.9	1739.0	1662.2	1575.2	1483.0
-12.5°	2070.1	2029.5	1989.1	1939.9	1901.7	1853.3	1796.5	1735.6	1655.1	1568.3	1474.5
-15°	2073.6	2032.0	1984.7	1936.5	1894.7	1847.6	1789.0	1725.3	1642.7	1557.7	1460.6
-17.5°	2075.1	2027.7	1977.3	1931.1	1886.1	1836.1	1774.3	1706.5	1626.7	1538.9	1442.3
-20°	2074.0	2018.8	1966.9	1916.6	1869.4	1818.7	1754.8	1687.7	1603.9	1514.6	1418.6





REPORT NUMBER: P645355 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2052.8	2002.9	1950.3	1895.8	1849.4	1795.6	1733.1	1663.6	1574.3	1487.9	1388.5
-25°	2029.5	1979.0	1924.7	1874.0	1824.6	1771.1	1706.9	1628.2	1543.4	1453.5	1351.9
-27.5°	2002.0	1948.9	1892.8	1841.2	1789.0	1736.4	1670.0	1590.7	1509.0	1410.8	1312.1
-30°	1964.8	1910.0	1852.8	1793.8	1746.1	1692.5	1626.8	1549.8	1462.1	1365.1	1271.2
-32.5°	1914.3	1862.8	1805.6	1749.5	1699.7	1643.4	1577.1	1500.6	1408.6	1316.9	1219.2
-35°	1863.0	1809.6	1755.2	1702.3	1649.8	1590.8	1523.2	1440.0	1352.0	1261.1	1159.7
-37.5°	1804.4	1748.9	1697.6	1647.4	1593.3	1532.8	1458.2	1377.8	1292.0	1192.1	1095.6
-40°	1741.5	1688.0	1632.0	1582.4	1524.6	1463.6	1391.5	1313.4	1219.0	1120.2	1029.6
-42.5°	1666.8	1613.3	1555.7	1500.4	1444.3	1386.3	1321.2	1236.6	1143.1	1050.0	955.8
-45°	1576.5	1523.0	1466.3	1409.4	1356.9	1300.5	1239.9	1149.7	1057.5	968.7	878.3
-47.5°	1475.0	1423.1	1368.5	1312.0	1262.1	1205.5	1131.6	1047.7	966.0	881.5	789.0
-50°	1364.7	1315.3	1264.8	1212.4	1156.3	1092.5	1021.6	948.4	867.5	780.8	696.3
-52.5°	1244.2	1199.0	1151.3	1101.0	1043.1	979.7	913.3	835.6	754.8	681.2	604.4
-55°	1118.4	1073.7	1026.7	976.3	922.3	859.7	790.9	720.2	654.3	586.2	527.5
-57.5°	979.2	936.9	892.0	844.6	794.7	736.4	676.1	616.1	563.8	510.9	457.7
-60°	830.4	791.0	752.8	710.7	664.7	614.5	570.5	526.2	481.9	439.7	396.9
-62.5°	686.4	653.3	619.0	584.9	549.9	513.6	477.2	443.0	408.1	372.4	340.8
-65°	550.2	525.1	498.0	474.4	449.5	423.3	394.0	367.3	341.9	315.7	288.9
-67.5°	435.9	418.0	398.9	380.2	363.2	345.1	324.5	302.8	282.7	263.3	243.6
-70°	342.0	330.1	317.7	304.1	290.5	276.8	261.7	245.7	229.6	215.1	201.1
-72.5°	262.5	254.3	244.8	235.0	224.6	215.2	204.9	194.2	183.2	172.2	161.7
-75°	203.1	197.2	190.7	183.4	174.5	164.0	156.2	151.0	144.4	136.3	127.6
-77.5°	160.6	156.3	151.7	145.4	139.0	132.3	125.7	119.2	112.7	106.6	101.0
-80°	118.2	116.2	113.6	108.4	103.2	98.1	93.2	89.2	85.4	81.2	76.1
-82.5°	69.4	69.1	68.4	65.5	62.6	59.7	56.9	54.1	51.1	48.0	44.9
-85°	22.4	23.6	24.6	25.1	25.4	25.5	25.3	24.6	23.7	22.8	21.7
-87.5°	4.9	4.9	4.9	5.1	5.3	5.4	5.6	5.9	6.1	6.3	6.4
-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: P645355 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-722-U-LAM-VSR-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°	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.5	0.5
82.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.7	0.7
80°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.7	0.8
77.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.7	0.8
75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.7	0.8
72.5°	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.5	0.6	0.7	0.8
70°	0.6	0.5	0.5	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.8
67.5°	0.7	0.7	0.7	0.7	0.7	0.8	0.9	1.0	1.0	0.8	0.9
65°	0.7	0.8	0.9	1.3	1.1	0.8	0.9	1.8	1.4	1.2	0.9
62.5°	1.5	0.8	2.9	3.8	2.2	1.7	1.3	3.9	2.5	1.7	1.2
60°	3.5	2.9	8.0	12.8	8.9	3.0	4.4	6.8	6.3	2.2	1.7
57.5°	33.2	11.4	16.6	23.9	23.5	12.8	9.3	12.4	10.7	6.1	2.4
55°	71.0	59.7	39.4	36.1	39.0	31.5	20.5	20.1	16.5	11.4	3.9
52.5°	97.4	101.6	88.4	61.8	53.8	51.3	40.0	29.2	25.9	17.1	9.9
50°	141.0	131.3	130.0	109.1	75.5	68.3	59.1	45.6	36.3	24.5	16.8
47.5°	199.1	175.0	162.1	152.7	120.4	87.1	77.6	62.3	47.8	35.3	24.0
45°	284.6	226.1	201.3	186.1	165.0	122.5	97.1	78.6	62.4	47.4	31.5
42.5°	370.4	292.4	246.0	221.5	199.6	162.4	117.9	97.4	76.5	59.8	41.0
40°	446.2	360.7	293.1	261.5	233.5	201.0	151.7	117.5	90.4	72.5	51.8
37.5°	537.3	438.4	347.2	303.4	269.6	233.3	186.0	138.5	107.1	85.8	62.7
35°	625.5	539.1	407.7	354.1	309.8	266.3	219.0	163.3	127.6	99.4	73.6
32.5°	720.3	633.8	499.2	410.6	351.5	300.1	249.8	193.4	148.2	113.1	84.4
30°	794.9	696.1	579.5	467.3	396.8	337.8	280.6	222.3	168.8	126.9	95.3
27.5°	834.4	750.0	642.8	530.4	447.8	376.5	312.3	250.0	189.4	142.1	106.7
25°	875.3	788.0	688.1	585.6	498.1	417.4	343.9	276.3	211.9	159.2	117.9
22.5°	924.2	820.3	726.3	629.3	550.1	458.9	377.1	303.0	234.4	176.0	129.0
20°	973.3	850.3	763.9	688.8	601.0	503.8	411.7	329.0	255.7	192.3	139.9
17.5°	1024.8	904.8	827.9	746.8	651.8	547.2	445.9	354.2	275.6	208.2	150.4
15°	1114.5	986.3	892.3	803.3	702.3	589.1	479.2	378.4	294.1	223.4	160.2
12.5°	1196.0	1062.3	956.8	857.9	752.0	629.0	511.4	401.5	311.4	235.5	168.9
10°	1263.4	1132.7	1020.5	910.4	800.2	666.6	542.0	420.3	321.7	244.6	176.9
7.5°	1318.6	1197.8	1082.7	960.3	841.7	691.2	557.5	431.2	329.7	252.3	184.3
5°	1358.5	1241.2	1115.7	977.6	854.6	701.3	568.0	440.1	336.1	258.7	190.9
2.5°	1370.0	1254.5	1128.1	987.2	863.4	707.9	575.5	446.9	341.1	263.9	196.7
0°	1376.7	1263.3	1135.9	993.0	867.9	711.0	580.0	451.6	344.6	268.0	201.8
-2.5°	1386.0	1270.9	1143.4	1008.1	870.9	720.5	582.6	454.7	349.1	269.5	204.8
-5°	1390.7	1273.8	1147.0	1018.2	870.1	726.2	582.2	455.6	352.0	270.0	206.9
-7.5°	1388.7	1272.8	1147.1	1021.4	866.2	727.5	579.1	454.6	353.1	269.6	208.3
-10°	1382.4	1267.7	1142.7	1013.2	862.6	722.4	573.4	451.7	352.5	268.5	208.8
-12.5°	1372.8	1258.0	1133.8	1001.4	855.0	711.8	566.8	446.8	349.6	266.6	208.5
-15°	1360.5	1244.0	1120.2	986.4	842.6	697.7	556.8	439.6	344.1	264.5	207.2
-17.5°	1344.6	1225.7	1101.8	968.6	825.1	680.2	543.4	430.2	337.1	261.9	204.7
-20°	1316.3	1201.1	1078.5	948.4	802.4	659.5	526.5	418.7	328.9	258.3	201.1



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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°	1284.5	1170.7	1049.5	921.1	775.0	635.7	506.0	405.0	319.4	253.5	196.9
-25°	1250.6	1136.4	1015.8	883.4	744.8	610.5	485.6	389.1	308.7	247.6	191.9
-27.5°	1210.8	1097.6	977.6	841.8	709.7	581.3	466.0	375.0	298.3	240.5	186.2
-30°	1166.1	1052.0	929.8	797.4	671.2	547.5	444.0	360.0	289.5	232.9	179.9
-32.5°	1114.7	1001.8	876.8	752.0	630.6	511.7	419.7	344.0	279.4	224.7	174.1
-35°	1056.3	943.3	820.7	703.2	587.6	482.8	396.0	327.0	267.8	215.9	168.0
-37.5°	995.5	880.5	764.6	652.3	541.9	451.5	374.7	310.1	255.0	206.5	161.2
-40°	926.0	815.9	705.6	599.9	502.2	417.9	351.6	293.5	242.9	196.5	153.8
-42.5°	854.4	748.2	644.2	544.4	463.2	390.5	327.5	275.6	230.0	186.8	145.7
-45°	777.3	676.6	578.9	497.6	423.4	361.5	306.3	257.0	216.4	176.9	137.4
-47.5°	695.9	601.3	519.5	448.9	389.6	332.3	283.8	241.0	202.1	166.2	129.1
-50°	609.6	531.1	464.8	406.5	353.1	306.1	261.3	224.2	188.9	154.5	120.4
-52.5°	533.2	470.3	415.4	365.5	321.0	278.5	242.0	207.0	175.4	143.3	111.2
-55°	467.8	416.2	369.9	328.3	289.2	254.9	222.0	191.7	161.5	132.0	102.0
-57.5°	411.2	366.1	329.1	293.0	260.7	231.4	203.7	176.1	148.1	120.3	94.7
-60°	356.9	323.3	290.3	261.3	233.9	209.1	186.4	160.5	134.6	108.6	86.6
-62.5°	310.0	281.3	256.4	231.1	208.3	188.1	169.0	145.2	120.7	97.8	77.7
-65°	266.1	244.0	222.7	202.6	183.7	166.6	151.1	129.5	106.9	86.4	68.6
-67.5°	224.3	207.7	191.0	174.1	159.2	145.4	132.1	112.6	92.3	74.4	59.5
-70°	187.0	172.8	159.7	147.2	135.1	123.5	111.1	94.6	77.2	63.6	50.2
-72.5°	151.8	141.4	130.6	120.3	111.3	101.1	89.7	76.8	64.6	52.6	40.7
-75°	119.2	112.3	104.7	96.5	88.2	79.1	71.5	62.5	51.9	41.4	32.8
-77.5°	95.3	88.7	81.0	74.5	68.9	62.7	55.8	48.0	39.6	32.2	25.3
-80°	70.3	65.2	60.9	57.1	52.0	46.3	40.6	34.9	28.8	23.0	17.7
-82.5°	42.9	41.8	40.6	38.8	34.6	30.4	26.2	22.2	17.8	13.8	11.4
-85°	21.5	21.0	20.4	19.5	16.8	14.3	13.1	11.9	10.4	9.0	7.6
-87.5°	7.1	7.6	8.0	8.3	7.7	7.1	6.6	6.0	5.2	4.5	3.8
-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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**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°	0.2	0.2	0.2	0.1	0.1	0.1	0.0
85°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
82.5°	0.7	0.6	0.5	0.4	0.2	0.2	0.0
80°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
77.5°	0.9	0.9	0.8	0.6	0.4	0.3	0.0
75°	0.9	0.9	0.9	0.7	0.5	0.3	0.0
72.5°	0.9	1.0	1.0	0.8	0.6	0.3	0.0
70°	1.0	1.0	1.0	0.9	0.6	0.4	0.0
67.5°	1.1	1.1	1.1	1.0	0.7	0.4	0.0
65°	1.2	1.2	1.1	1.0	0.8	0.5	0.0
62.5°	1.4	1.5	1.2	1.1	0.9	0.5	0.0
60°	1.7	1.8	1.2	1.1	1.0	0.6	0.0
57.5°	3.1	2.2	1.6	1.2	1.0	0.6	0.0
55°	4.9	2.6	1.9	1.2	1.1	0.7	0.0
52.5°	7.1	3.3	2.3	1.3	1.1	0.7	0.0
50°	9.6	5.6	2.7	1.3	1.2	0.8	0.0
47.5°	12.8	8.1	3.2	1.5	1.2	0.8	0.0
45°	19.4	10.8	3.6	1.8	1.3	0.9	0.0
42.5°	26.1	13.7	4.1	2.1	1.4	0.9	0.0
40°	33.0	16.7	5.5	2.6	1.4	0.9	0.0
37.5°	39.9	19.9	7.9	3.1	1.5	1.0	0.0
35°	47.0	24.7	10.3	3.7	1.5	1.0	0.0
32.5°	54.7	30.3	12.7	4.4	1.6	1.1	0.0
30°	63.5	35.8	15.2	5.1	1.7	1.1	0.0
27.5°	72.1	41.3	18.2	5.9	1.7	1.1	0.0
25°	80.6	46.7	21.3	6.7	1.8	1.2	0.0
22.5°	88.7	52.2	24.4	7.5	1.8	1.2	0.0
20°	96.6	58.1	27.4	8.4	1.9	1.2	0.0
17.5°	104.4	63.8	30.5	9.3	2.0	1.3	0.0
15°	111.9	69.3	33.4	10.2	2.0	1.3	0.0
12.5°	118.9	74.6	36.3	11.0	2.1	1.3	0.0
10°	125.4	79.5	39.0	11.9	2.1	1.3	0.0
7.5°	131.4	84.1	41.5	12.7	2.2	1.4	0.0
5°	136.8	88.4	43.9	13.6	2.2	1.4	0.0
2.5°	141.7	92.3	46.1	14.3	2.3	1.4	0.0
0°	146.0	95.7	48.1	15.0	2.3	1.4	0.0
-2.5°	148.1	97.9	49.9	16.0	2.7	1.5	0.0
-5°	149.7	99.6	51.5	16.9	3.0	1.6	0.0
-7.5°	150.7	100.8	52.7	17.7	3.3	1.6	0.0
-10°	151.1	101.6	53.7	18.4	3.7	1.7	0.0
-12.5°	151.0	101.9	54.3	18.9	4.0	1.7	0.0
-15°	150.4	101.8	54.7	19.4	4.3	1.8	0.0
-17.5°	149.3	101.2	54.6	19.7	4.5	1.9	0.0
-20°	147.6	100.1	54.2	19.9	4.8	1.9	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	145.2	98.6	53.5	20.0	5.0	1.9	0.0
-25°	142.1	96.2	52.3	19.9	5.2	2.0	0.0
-27.5°	138.5	93.2	50.8	19.7	5.4	2.0	0.0
-30°	134.3	89.9	48.9	19.3	5.5	2.0	0.0
-32.5°	129.6	86.1	46.7	18.7	5.6	2.0	0.0
-35°	124.5	82.0	44.2	17.9	5.7	2.0	0.0
-37.5°	119.0	77.8	41.5	17.0	5.7	2.0	0.0
-40°	113.1	74.0	38.5	16.0	5.7	2.0	0.0
-42.5°	106.7	70.0	36.3	14.8	5.7	1.9	0.0
-45°	100.0	65.7	34.7	13.7	5.6	1.9	0.0
-47.5°	92.8	61.1	32.9	12.3	5.5	1.8	0.0
-50°	86.9	56.3	30.8	11.9	5.4	1.8	0.0
-52.5°	80.9	51.3	28.5	11.7	5.2	1.7	0.0
-55°	74.7	47.5	25.8	11.3	5.0	1.6	0.0
-57.5°	68.3	43.6	23.0	10.8	4.8	1.6	0.0
-60°	61.8	39.4	20.0	10.2	4.5	1.5	0.0
-62.5°	55.8	34.8	18.6	9.5	4.2	1.4	0.0
-65°	49.4	30.0	17.0	8.6	3.9	1.3	0.0
-67.5°	42.6	25.9	15.1	7.7	3.6	1.2	0.0
-70°	35.4	22.7	13.2	6.7	3.3	1.1	0.0
-72.5°	30.0	19.2	11.1	5.9	2.9	0.9	0.0
-75°	24.5	15.5	8.8	5.1	2.5	0.8	0.0
-77.5°	18.7	11.6	7.3	4.3	2.1	0.7	0.0
-80°	12.8	8.8	5.9	3.5	1.7	0.6	0.0
-82.5°	9.4	6.7	4.4	2.6	1.3	0.4	0.0
-85°	6.3	4.5	3.0	1.8	0.9	0.3	0.0
-87.5°	3.2	2.2	1.5	0.9	0.4	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)