

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: P645367 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-722-U-LAM-VSR-XX**

Issue Date: 2/28/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P645367 (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-SA2C-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**

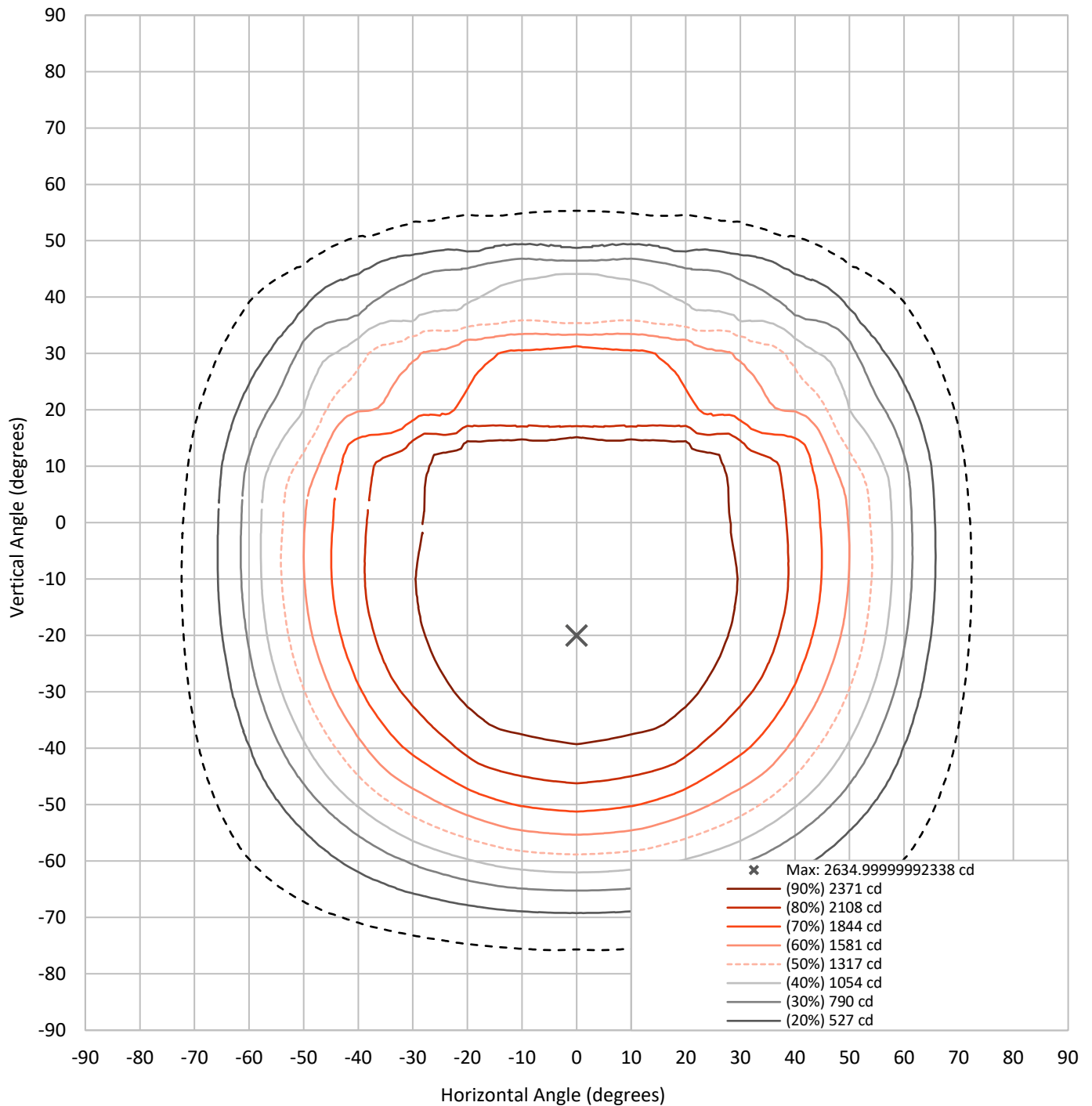
Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	6178.6 lumens	Max Intensity:	2635 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	74.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	105.6°H x 93.7°V	Field Angle (10%):	144°H x 131.2°V
Beam Lumens:	4830 lumens	Field Lumens:	6055.8 lumens
Beam Efficiency:	78.2%	Field Efficiency:	98.0%
Input Watts (W):	82.6		
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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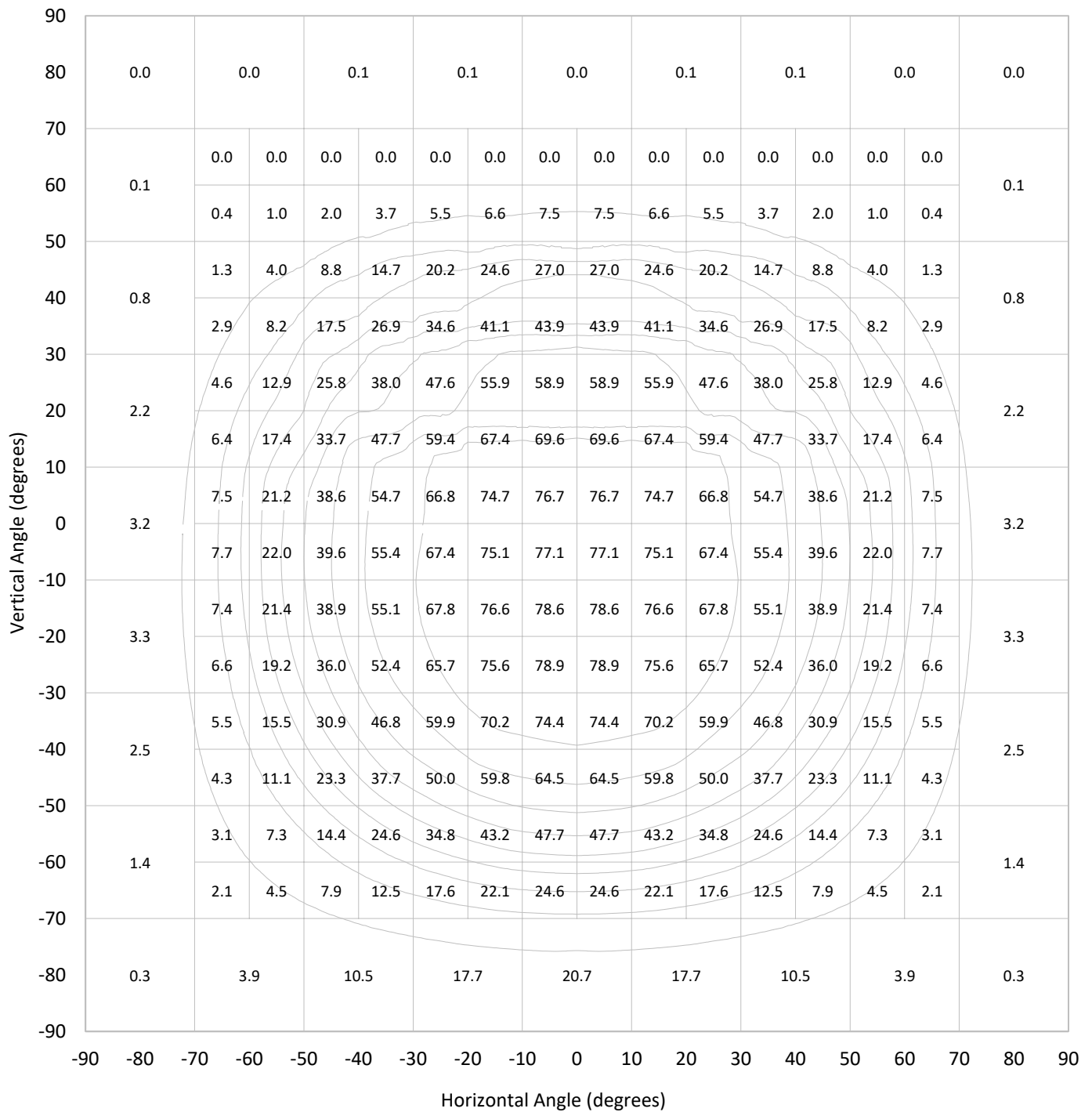
### Iso-Candela Plot





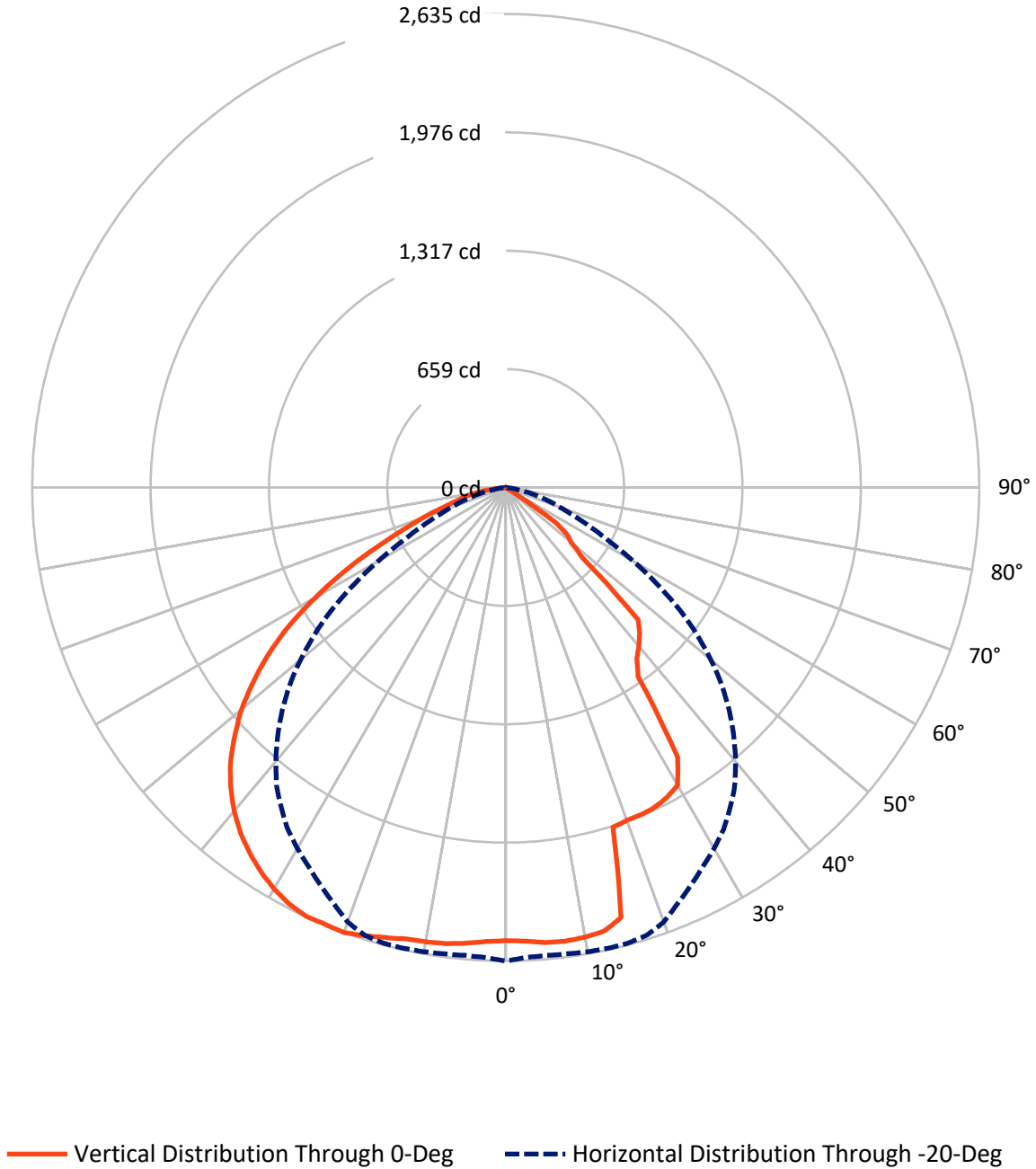
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### Lumen Table



REPORT NUMBER: P645367 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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: 4830  
 Efficiency: 78.2%

**Field:**  
 H Angle: 144°  
 V Angle: 131.2°  
 Lumens: 6055.8  
 Efficiency: 98.0%

**Spill:**  
 Lumens: 122.7  
 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	0.3	0.3	0.3	0.3	0.3
85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.5
82.5°	0.0	0.2	0.3	0.4	0.6	0.7	0.9	0.9	0.9	0.7	0.6
80°	0.0	0.2	0.4	0.6	0.8	0.9	1.1	1.0	0.9	0.7	0.6
77.5°	0.0	0.3	0.5	0.7	0.9	1.1	1.1	1.0	0.9	0.7	0.6
75°	0.0	0.4	0.6	0.9	1.1	1.1	1.1	1.0	0.9	0.8	0.6
72.5°	0.0	0.4	0.7	1.0	1.2	1.2	1.1	1.0	0.9	0.8	0.7
70°	0.0	0.5	0.8	1.1	1.2	1.2	1.2	1.0	0.9	0.8	0.9
67.5°	0.0	0.5	0.9	1.2	1.3	1.3	1.3	1.0	0.9	1.3	1.3
65°	0.0	0.6	1.0	1.2	1.3	1.5	1.5	1.1	1.5	1.8	2.2
62.5°	0.0	0.7	1.1	1.3	1.4	1.8	1.7	1.5	2.1	3.1	4.9
60°	0.0	0.7	1.2	1.4	1.5	2.2	2.1	2.1	2.7	7.8	8.5
57.5°	0.0	0.8	1.2	1.4	1.9	2.7	3.8	3.0	7.7	13.3	15.4
55°	0.0	0.8	1.3	1.5	2.4	3.2	6.1	4.9	14.2	20.5	25.0
52.5°	0.0	0.9	1.4	1.5	2.9	4.1	8.8	12.3	21.3	32.1	36.2
50°	0.0	0.9	1.4	1.6	3.4	7.0	11.9	20.8	30.5	45.1	56.5
47.5°	0.0	1.0	1.5	1.8	3.9	10.1	16.0	29.7	43.9	59.4	77.3
45°	0.0	1.1	1.6	2.2	4.5	13.4	24.1	39.1	58.9	77.4	97.5
42.5°	0.0	1.1	1.7	2.6	5.1	17.0	32.4	50.9	74.2	94.9	120.8
40°	0.0	1.2	1.7	3.2	6.8	20.7	40.9	64.3	89.9	112.1	145.7
37.5°	0.0	1.2	1.8	3.8	9.8	24.7	49.6	77.8	106.5	132.8	171.8
35°	0.0	1.3	1.9	4.6	12.8	30.7	58.4	91.3	123.2	158.2	202.5
32.5°	0.0	1.3	1.9	5.4	15.8	37.6	67.9	104.7	140.2	183.8	239.9
30°	0.0	1.3	2.0	6.3	18.8	44.5	78.8	118.2	157.4	209.4	275.8
27.5°	0.0	1.4	2.1	7.3	22.6	51.3	89.5	132.3	176.2	235.0	310.1
25°	0.0	1.4	2.2	8.3	26.4	58.0	99.9	146.3	197.5	262.9	342.8
22.5°	0.0	1.5	2.2	9.3	30.3	64.8	110.0	160.0	218.3	290.9	375.9
20°	0.0	1.5	2.3	10.4	34.1	72.1	119.8	173.5	238.6	317.2	408.2
17.5°	0.0	1.5	2.4	11.5	37.8	79.2	129.5	186.5	258.2	341.9	439.5
15°	0.0	1.6	2.4	12.6	41.4	86.0	138.8	198.7	277.1	365.0	469.5
12.5°	0.0	1.6	2.5	13.7	45.0	92.5	147.5	209.5	292.2	386.3	498.1
10°	0.0	1.6	2.6	14.8	48.3	98.6	155.6	219.5	303.4	399.1	521.4
7.5°	0.0	1.6	2.6	15.8	51.5	104.3	163.0	228.5	313.0	409.0	535.0
5°	0.0	1.7	2.7	16.8	54.5	109.6	169.7	236.7	320.9	417.0	546.1
2.5°	0.0	1.7	2.7	17.7	57.2	114.4	175.8	244.0	327.4	423.1	554.5
0°	0.0	1.7	2.8	18.6	59.6	118.7	181.1	250.3	332.5	427.5	560.3
-2.5°	0.0	1.8	3.2	19.8	61.9	121.4	183.8	254.0	334.3	433.0	564.1
-5°	0.0	1.9	3.7	20.9	63.8	123.5	185.7	256.7	334.9	436.6	565.3
-7.5°	0.0	2.0	4.1	21.9	65.4	125.1	186.9	258.4	334.5	438.1	564.0
-10°	0.0	2.1	4.5	22.8	66.6	126.1	187.5	259.0	333.0	437.2	560.4
-12.5°	0.0	2.1	4.9	23.5	67.4	126.5	187.4	258.6	330.7	433.7	554.3
-15°	0.0	2.2	5.2	24.1	67.8	126.3	186.7	257.1	328.1	426.9	545.4
-17.5°	0.0	2.3	5.6	24.5	67.7	125.5	185.3	254.0	324.9	418.3	533.8
-20°	0.0	2.3	5.9	24.7	67.2	124.2	183.2	249.6	320.4	408.0	519.4



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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	2.4	6.2	24.8	66.3	122.3	180.1	244.2	314.5	396.2	502.4
-25°	0.0	2.4	6.4	24.7	64.9	119.4	176.4	238.1	307.2	382.9	482.8
-27.5°	0.0	2.4	6.6	24.4	63.0	115.7	171.9	231.1	298.4	370.0	465.3
-30°	0.0	2.4	6.8	23.9	60.6	111.5	166.7	223.2	288.9	359.2	446.7
-32.5°	0.0	2.5	6.9	23.2	57.9	106.9	160.8	216.0	278.8	346.6	426.8
-35°	0.0	2.4	7.0	22.3	54.8	101.7	154.5	208.4	267.9	332.3	405.6
-37.5°	0.0	2.4	7.1	21.1	51.4	96.5	147.6	200.0	256.2	316.4	384.7
-40°	0.0	2.4	7.1	19.8	47.8	91.8	140.3	190.8	243.7	301.3	364.1
-42.5°	0.0	2.4	7.1	18.4	45.0	86.8	132.4	180.8	231.7	285.4	341.9
-45°	0.0	2.3	7.0	16.9	43.1	81.5	124.0	170.5	219.4	268.5	318.9
-47.5°	0.0	2.3	6.9	15.3	40.8	75.8	115.2	160.2	206.2	250.7	299.0
-50°	0.0	2.2	6.7	14.7	38.2	69.9	107.8	149.3	191.7	234.4	278.2
-52.5°	0.0	2.1	6.5	14.5	35.3	63.6	100.4	138.0	177.7	217.5	256.8
-55°	0.0	2.0	6.2	14.0	32.1	58.9	92.7	126.5	163.7	200.3	237.8
-57.5°	0.0	1.9	5.9	13.4	28.5	54.1	84.7	117.4	149.2	183.7	218.4
-60°	0.0	1.8	5.6	12.7	24.8	48.9	76.6	107.4	134.7	167.0	199.0
-62.5°	0.0	1.7	5.3	11.8	23.1	43.3	69.2	96.4	121.4	149.8	180.1
-65°	0.0	1.6	4.9	10.7	21.1	37.2	61.3	85.1	107.2	132.6	160.6
-67.5°	0.0	1.4	4.5	9.6	18.8	32.2	52.9	73.8	92.2	114.6	139.7
-70°	0.0	1.3	4.1	8.3	16.4	28.2	44.0	62.3	78.9	95.7	117.3
-72.5°	0.0	1.2	3.6	7.3	13.7	23.8	37.2	50.5	65.2	80.2	95.3
-75°	0.0	1.0	3.1	6.4	10.9	19.3	30.4	40.7	51.4	64.4	77.6
-77.5°	0.0	0.8	2.6	5.4	9.0	14.5	23.3	31.5	39.9	49.1	59.6
-80°	0.0	0.7	2.1	4.3	7.3	11.0	15.9	22.0	28.6	35.7	43.3
-82.5°	0.0	0.5	1.6	3.3	5.5	8.3	11.7	14.1	17.1	22.1	27.5
-85°	0.0	0.3	1.1	2.2	3.7	5.6	7.8	9.5	11.1	12.9	14.7
-87.5°	0.0	0.2	0.5	1.1	1.9	2.8	3.9	4.7	5.6	6.4	7.3
-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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 CATALOG NUMBER: GFLD-SA2C-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°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.5
85°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
82.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
80°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
77.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
72.5°	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6
70°	0.9	0.9	0.8	0.7	0.6	0.6	0.7	0.7	0.6	0.6	0.6
67.5°	1.1	0.9	0.8	0.8	0.8	0.9	0.8	0.7	0.6	0.6	0.6
65°	1.1	1.0	1.4	1.6	1.2	1.0	0.9	0.7	0.8	0.8	0.8
62.5°	1.7	2.1	2.7	4.7	3.5	1.0	1.9	2.2	1.6	1.3	1.4
60°	5.5	3.8	11.1	15.9	9.9	3.6	4.4	14.7	12.8	2.4	8.0
57.5°	11.6	15.9	29.2	29.7	20.6	14.2	41.3	47.7	36.1	21.1	32.2
55°	25.5	39.1	48.4	44.8	49.0	74.1	88.1	79.1	66.6	102.5	130.9
52.5°	49.7	63.6	66.8	76.7	109.8	126.1	120.8	129.2	167.6	208.1	216.9
50°	73.3	84.7	93.6	135.4	161.2	162.9	174.9	212.9	264.1	288.8	282.8
47.5°	96.2	108.0	149.4	189.5	201.1	217.0	247.1	320.4	374.6	375.6	369.5
45°	120.4	151.9	204.7	230.9	249.8	280.5	353.1	454.3	459.5	474.2	564.6
42.5°	146.3	201.5	247.5	274.8	305.3	362.7	459.5	525.9	548.8	613.1	685.8
40°	188.2	249.4	289.6	324.4	363.6	447.4	553.5	615.7	634.2	689.9	744.6
37.5°	230.7	289.4	334.5	376.5	430.7	543.9	666.6	717.9	727.3	737.5	858.6
35°	271.6	330.4	384.4	439.3	505.8	668.8	776.1	824.3	822.8	891.6	1018.4
32.5°	309.9	372.3	436.0	509.5	619.3	786.3	893.6	922.5	966.3	1066.3	1239.4
30°	348.1	419.1	492.2	579.7	718.9	863.6	986.1	1032.6	1107.6	1221.8	1347.8
27.5°	387.5	467.0	555.5	658.0	797.5	930.5	1035.2	1146.2	1219.1	1321.4	1411.0
25°	426.7	517.8	617.9	726.5	853.7	977.6	1085.9	1214.1	1292.3	1374.8	1458.4
22.5°	467.8	569.2	682.4	780.7	901.0	1017.7	1146.6	1285.6	1387.4	1439.8	1495.9
20°	510.8	624.9	745.6	854.5	947.8	1055.0	1207.5	1376.4	1507.8	1566.8	1574.5
17.5°	553.2	678.9	808.6	926.5	1027.1	1122.5	1271.4	1485.2	1648.6	1703.4	1727.8
15°	594.5	730.8	871.3	996.6	1107.1	1223.7	1382.7	1600.1	1786.9	1847.6	1885.9
12.5°	634.4	780.3	933.0	1064.4	1187.1	1317.9	1483.8	1682.8	1853.2	1970.7	2041.1
10°	672.4	827.0	992.8	1129.4	1266.2	1405.2	1567.4	1744.3	1883.1	1996.4	2096.3
7.5°	691.6	857.6	1044.2	1191.3	1343.3	1485.9	1635.9	1787.7	1904.6	2015.7	2112.3
5°	704.6	870.1	1060.3	1212.9	1384.2	1539.8	1685.4	1816.3	1918.7	2028.8	2123.1
2.5°	713.9	878.2	1071.1	1224.7	1399.6	1556.4	1699.6	1825.8	1930.3	2038.1	2134.8
0°	719.5	882.1	1076.7	1232.0	1409.2	1567.3	1707.9	1829.4	1938.0	2042.6	2146.7
-2.5°	722.7	893.9	1080.4	1250.6	1418.5	1576.7	1719.5	1838.1	1951.6	2051.1	2155.5
-5°	722.3	901.0	1079.4	1263.2	1423.0	1580.3	1725.3	1842.0	1958.9	2057.5	2159.0
-7.5°	718.3	902.6	1074.6	1267.1	1423.1	1579.1	1722.7	1843.9	1958.8	2063.4	2159.4
-10°	711.3	896.2	1070.1	1256.9	1417.7	1572.7	1715.0	1839.8	1954.2	2062.2	2157.5
-12.5°	703.1	883.0	1060.7	1242.3	1406.6	1560.7	1703.2	1829.3	1945.7	2053.3	2153.2
-15°	690.7	865.5	1045.3	1223.7	1389.7	1543.3	1687.8	1812.1	1932.5	2037.9	2140.5
-17.5°	674.1	843.8	1023.6	1201.6	1366.9	1520.6	1668.2	1789.4	1909.2	2018.1	2117.1
-20°	653.1	818.1	995.5	1176.6	1338.0	1490.1	1633.1	1760.0	1879.1	1989.9	2093.8

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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°	627.8	788.6	961.5	1142.7	1302.0	1452.4	1593.6	1722.6	1846.0	1953.1	2063.9
-25°	602.5	757.4	924.0	1095.9	1260.2	1409.9	1551.6	1677.2	1803.3	1914.8	2020.0
-27.5°	578.2	721.2	880.5	1044.3	1212.8	1361.7	1502.2	1627.9	1750.3	1872.2	1973.5
-30°	550.9	679.3	832.8	989.3	1153.5	1305.1	1446.6	1577.1	1693.6	1813.9	1922.7
-32.5°	520.8	634.9	782.4	932.9	1087.8	1242.8	1382.9	1512.5	1633.7	1747.6	1861.7
-35°	491.4	599.0	729.0	872.5	1018.1	1170.2	1310.5	1438.8	1564.6	1677.4	1786.5
-37.5°	464.9	560.1	672.3	809.3	948.5	1092.3	1235.0	1359.2	1478.9	1602.9	1709.3
-40°	436.2	518.4	623.1	744.2	875.5	1012.2	1148.8	1277.3	1389.8	1512.4	1629.4
-42.5°	406.2	484.4	574.6	675.4	799.2	928.2	1060.0	1185.7	1302.6	1418.2	1534.1
-45°	380.0	448.4	525.2	617.3	718.2	839.5	964.3	1089.6	1201.7	1311.9	1426.4
-47.5°	352.0	412.3	483.3	556.8	644.5	745.9	863.3	978.9	1093.6	1198.5	1299.8
-50°	324.2	379.8	438.1	504.3	576.6	658.8	756.3	863.8	968.6	1076.2	1176.6
-52.5°	300.2	345.6	398.2	453.5	515.4	583.4	661.5	749.8	845.1	936.5	1036.6
-55°	275.3	316.2	358.7	407.3	458.9	516.3	580.3	654.5	727.3	811.7	893.5
-57.5°	252.6	287.1	323.4	363.5	408.3	454.2	510.2	567.9	633.9	699.6	764.3
-60°	231.2	259.3	290.2	324.2	360.1	401.0	442.8	492.3	545.5	597.9	652.9
-62.5°	209.6	233.3	258.4	286.7	318.0	348.9	384.6	422.8	461.9	506.3	549.7
-65°	187.5	206.6	227.9	251.3	276.3	302.7	330.1	358.3	391.6	424.2	455.7
-67.5°	163.9	180.3	197.5	216.0	236.9	257.6	278.3	302.1	326.7	350.7	375.7
-70°	137.8	153.3	167.6	182.6	198.2	214.3	232.0	249.5	266.8	284.8	304.9
-72.5°	111.2	125.5	138.1	149.2	162.0	175.4	188.3	200.6	213.6	227.3	240.9
-75°	88.7	98.1	109.4	119.7	129.9	139.4	147.9	158.3	169.2	179.1	187.3
-77.5°	69.3	77.8	85.5	92.4	100.5	110.0	118.3	125.4	132.3	139.9	147.9
-80°	50.4	57.5	64.5	70.9	75.6	80.9	87.2	94.5	100.8	105.9	110.6
-82.5°	32.5	37.6	42.9	48.2	50.4	51.8	53.2	55.7	59.6	63.5	67.1
-85°	16.2	17.7	20.9	24.2	25.3	26.1	26.6	26.9	28.2	29.4	30.5
-87.5°	8.1	8.8	9.6	10.3	9.9	9.4	8.8	8.0	7.8	7.6	7.2
-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-SA2C-722-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.5	0.5	0.5	0.5	0.5	0.4	0.3	0.1	0.0	0.0	0.0
85°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.4	0.3
82.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
80°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
77.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
72.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
70°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
67.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.4
65°	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.5	0.4
62.5°	1.4	1.6	1.3	1.2	1.2	1.2	1.1	1.1	1.0	0.9	1.0
60°	8.8	5.2	3.1	3.6	3.2	2.1	2.7	3.2	3.2	2.9	2.6
57.5°	48.9	36.5	27.1	64.6	64.8	30.9	37.2	58.5	48.2	15.8	14.7
55°	136.0	162.7	214.1	203.4	206.7	237.8	259.6	229.8	225.3	240.1	277.3
52.5°	244.4	269.8	287.1	303.3	323.0	344.2	366.0	379.9	392.8	406.6	414.9
50°	312.0	347.9	372.5	363.5	414.5	435.3	414.1	433.1	456.1	462.4	465.4
47.5°	460.8	513.3	523.8	557.6	588.0	587.4	561.5	563.0	631.8	692.4	722.2
45°	662.2	664.0	697.0	756.8	799.5	786.1	822.1	904.1	931.4	957.8	979.4
42.5°	740.7	773.2	825.9	878.8	910.6	938.3	965.0	995.1	1030.5	1059.3	1082.3
40°	816.7	842.9	896.9	939.4	965.9	991.7	1022.7	1056.1	1088.5	1113.8	1131.0
37.5°	933.7	954.0	967.1	1006.7	1056.6	1033.5	1092.5	1134.8	1154.2	1179.8	1182.1
35°	1110.6	1097.1	1079.6	1236.9	1246.3	1193.2	1248.4	1314.0	1279.4	1351.4	1390.1
32.5°	1267.5	1265.5	1402.8	1485.4	1437.8	1476.7	1603.9	1598.3	1683.0	1722.4	1711.2
30°	1415.2	1465.7	1545.1	1606.7	1614.9	1676.1	1732.6	1782.1	1833.3	1879.2	1882.4
27.5°	1490.3	1556.1	1610.0	1645.6	1685.4	1736.9	1788.2	1843.9	1887.5	1916.3	1923.3
25°	1535.6	1602.8	1643.7	1682.1	1725.9	1770.4	1827.8	1888.5	1923.5	1941.2	1946.9
22.5°	1575.6	1636.1	1680.0	1711.1	1758.3	1806.2	1859.7	1911.1	1949.1	1956.8	1959.6
20°	1614.2	1672.2	1745.5	1791.3	1789.1	1842.9	1894.5	1935.3	1967.0	1966.8	1967.6
17.5°	1725.6	1746.3	1879.3	1980.3	1930.3	1903.9	2045.7	2048.4	2056.8	2040.1	2003.8
15°	1890.5	1928.2	2091.6	2201.1	2166.6	2164.8	2369.7	2318.9	2362.6	2351.1	2400.4
12.5°	2065.3	2109.9	2232.0	2339.5	2390.7	2403.3	2471.7	2535.8	2549.0	2543.8	2534.1
10°	2184.3	2247.9	2297.0	2362.2	2413.8	2466.5	2506.2	2552.2	2567.3	2558.6	2546.3
7.5°	2199.8	2262.7	2320.3	2377.5	2426.7	2469.2	2510.3	2547.7	2563.1	2558.0	2549.6
5°	2209.6	2266.6	2322.5	2380.5	2427.5	2466.9	2507.8	2545.8	2554.9	2548.8	2540.5
2.5°	2215.7	2268.5	2322.3	2380.1	2422.8	2460.2	2501.7	2542.2	2542.2	2539.5	2534.7
0°	2218.7	2271.6	2334.0	2386.3	2434.2	2469.6	2510.7	2550.0	2547.2	2539.9	2531.5
-2.5°	2225.0	2278.6	2342.3	2385.7	2439.6	2472.0	2514.5	2548.6	2547.3	2543.7	2539.5
-5°	2230.7	2290.9	2350.5	2396.2	2450.2	2492.6	2534.8	2561.5	2562.9	2557.9	2550.8
-7.5°	2234.1	2300.9	2357.8	2403.6	2456.0	2505.3	2548.1	2576.1	2576.7	2570.1	2561.6
-10°	2233.0	2303.5	2362.0	2409.4	2463.0	2511.7	2556.5	2592.0	2590.8	2584.5	2577.3
-12.5°	2228.7	2299.2	2359.3	2406.7	2467.7	2517.9	2568.2	2603.6	2605.4	2600.7	2592.9
-15°	2219.5	2292.2	2350.7	2402.5	2462.2	2520.9	2572.6	2611.6	2618.5	2614.6	2608.4
-17.5°	2201.1	2277.9	2339.9	2395.8	2453.0	2515.6	2574.4	2617.0	2626.5	2625.0	2619.9
-20°	2177.1	2256.3	2319.2	2377.8	2440.1	2504.5	2573.0	2611.9	2625.7	2626.6	2623.1



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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°	2150.1	2227.6	2294.4	2352.0	2419.6	2484.8	2546.8	2592.3	2615.5	2619.8	2620.1
-25°	2117.7	2197.3	2263.7	2325.0	2387.9	2455.2	2517.8	2568.7	2592.2	2603.4	2606.9
-27.5°	2071.9	2154.2	2219.5	2284.3	2348.3	2417.9	2483.7	2539.0	2558.1	2573.5	2579.7
-30°	2018.2	2099.7	2166.3	2225.5	2298.7	2369.6	2437.6	2485.8	2514.6	2532.2	2541.9
-32.5°	1956.6	2038.8	2108.7	2170.5	2240.1	2311.0	2375.0	2425.8	2465.5	2485.9	2496.2
-35°	1889.7	1973.7	2046.8	2112.0	2177.5	2245.1	2311.3	2364.6	2409.8	2427.2	2440.1
-37.5°	1809.1	1901.7	1976.7	2043.9	2106.1	2169.7	2238.6	2299.5	2343.4	2360.4	2374.0
-40°	1726.4	1815.8	1891.5	1963.2	2024.7	2094.1	2160.5	2224.4	2262.4	2282.2	2297.6
-42.5°	1639.0	1719.9	1791.8	1861.4	1930.0	2001.4	2067.8	2134.1	2167.1	2190.9	2209.8
-45°	1538.2	1613.5	1683.4	1748.5	1819.2	1889.4	1955.8	2014.4	2053.6	2084.7	2108.8
-47.5°	1403.9	1495.5	1565.7	1627.7	1697.7	1765.5	1829.8	1885.0	1928.0	1964.3	1992.3
-50°	1267.4	1355.4	1434.5	1504.2	1569.2	1631.8	1693.0	1746.9	1792.5	1831.8	1860.2
-52.5°	1133.1	1215.4	1294.0	1365.8	1428.3	1487.5	1543.5	1597.8	1645.7	1687.8	1715.3
-55°	981.2	1066.5	1144.3	1211.3	1273.7	1332.1	1387.5	1438.9	1486.2	1529.0	1555.3
-57.5°	838.7	913.6	985.9	1047.7	1106.7	1162.4	1214.8	1264.1	1309.5	1349.9	1375.2
-60°	707.8	762.3	824.5	881.7	933.9	981.3	1030.3	1076.2	1118.0	1153.4	1177.0
-62.5°	592.0	637.3	682.2	725.6	768.0	810.5	851.5	889.6	924.5	953.6	974.3
-65°	488.9	525.3	557.8	588.5	617.9	651.5	682.6	711.9	739.1	761.3	777.1
-67.5°	402.6	428.1	450.6	471.7	494.8	518.6	540.8	560.2	576.8	590.0	600.4
-70°	324.6	343.4	360.4	377.2	394.1	409.5	424.3	438.5	452.1	463.1	471.4
-72.5°	254.2	267.0	278.6	291.5	303.7	315.4	325.6	333.9	340.2	346.5	351.9
-75°	193.8	203.5	216.5	227.4	236.5	244.6	251.9	258.5	264.3	269.4	273.9
-77.5°	155.9	164.1	172.4	180.4	188.1	193.9	199.2	204.6	209.8	214.4	218.4
-80°	115.5	121.7	128.1	134.5	140.9	144.1	146.6	149.0	151.0	153.8	156.3
-82.5°	70.6	74.1	77.7	81.3	84.9	85.8	86.1	86.0	85.6	84.6	83.1
-85°	31.4	31.6	31.5	31.2	30.6	29.3	27.8	26.0	24.0	23.7	23.4
-87.5°	6.9	6.7	6.6	6.4	6.2	6.1	6.1	6.1	6.0	6.2	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



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CATALOG NUMBER: GFLD-SA2C-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°
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	0.3	0.4	0.6	0.6
82.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
80°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
77.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
72.5°	0.6	0.6	0.3	0.0	0.3	0.6	0.6	0.6	0.6	0.6	0.6
70°	0.6	0.6	0.3	0.0	0.3	0.6	0.6	0.6	0.6	0.6	0.6
67.5°	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.5	0.6	0.6
65°	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.5	0.6	0.7
62.5°	1.0	1.1	1.1	1.1	1.1	1.1	1.0	1.0	0.9	1.0	1.1
60°	2.0	1.3	1.1	1.1	1.1	1.3	2.0	2.6	2.9	3.2	3.2
57.5°	12.4	9.2	7.9	7.3	7.9	9.2	12.4	14.7	15.8	48.2	58.5
55°	304.0	319.5	331.0	336.4	331.0	319.5	304.0	277.3	240.1	225.3	229.8
52.5°	422.1	428.8	432.7	432.6	432.7	428.8	422.1	414.9	406.6	392.8	379.9
50°	470.5	473.8	474.9	474.2	474.9	473.8	470.5	465.4	462.4	456.1	433.1
47.5°	695.0	634.8	590.6	580.0	590.6	634.8	695.0	722.2	692.4	631.8	563.0
45°	989.8	1012.6	1035.3	1042.4	1035.3	1012.6	989.8	979.4	957.8	931.4	904.1
42.5°	1091.9	1099.3	1103.5	1103.7	1103.5	1099.3	1091.9	1082.3	1059.3	1030.5	995.1
40°	1140.7	1147.6	1151.7	1152.1	1151.7	1147.6	1140.7	1131.0	1113.8	1088.5	1056.1
37.5°	1184.9	1190.8	1194.8	1198.8	1194.8	1190.8	1184.9	1182.1	1179.8	1154.2	1134.8
35°	1384.9	1339.6	1274.5	1284.3	1274.5	1339.6	1384.9	1390.1	1351.4	1279.4	1314.0
32.5°	1728.7	1747.8	1759.6	1779.9	1759.6	1747.8	1728.7	1711.2	1722.4	1683.0	1598.3
30°	1887.4	1893.7	1903.2	1913.2	1903.2	1893.7	1887.4	1882.4	1879.2	1833.3	1782.1
27.5°	1927.0	1933.5	1939.3	1943.6	1939.3	1933.5	1927.0	1923.3	1916.3	1887.5	1843.9
25°	1947.7	1951.8	1957.9	1963.3	1957.9	1951.8	1947.7	1946.9	1941.2	1923.5	1888.5
22.5°	1958.0	1958.4	1963.2	1970.1	1963.2	1958.4	1958.0	1959.6	1956.8	1949.1	1911.1
20°	1965.0	1961.2	1966.2	1970.6	1966.2	1961.2	1965.0	1967.6	1966.8	1967.0	1935.3
17.5°	2055.0	2003.7	1982.6	1983.0	1982.6	2003.7	2055.0	2003.8	2040.1	2056.8	2048.4
15°	2345.2	2364.4	2438.2	2478.0	2438.2	2364.4	2345.2	2400.4	2351.1	2362.6	2318.9
12.5°	2532.3	2525.5	2516.8	2528.7	2516.8	2525.5	2532.3	2534.1	2543.8	2549.0	2535.8
10°	2541.0	2540.2	2524.6	2541.6	2524.6	2540.2	2541.0	2546.3	2558.6	2567.3	2552.2
7.5°	2535.7	2536.1	2529.5	2546.1	2529.5	2536.1	2535.7	2549.6	2558.0	2563.1	2547.7
5°	2539.2	2527.8	2532.1	2541.6	2532.1	2527.8	2539.2	2540.5	2548.8	2554.9	2545.8
2.5°	2529.4	2528.2	2519.7	2526.4	2519.7	2528.2	2529.4	2534.7	2539.5	2542.2	2542.2
0°	2521.9	2515.7	2515.7	2521.4	2515.7	2515.7	2521.9	2531.5	2539.9	2547.2	2550.0
-2.5°	2535.2	2533.9	2533.1	2529.2	2533.1	2533.9	2535.2	2539.5	2543.7	2547.3	2548.6
-5°	2546.2	2542.8	2533.6	2546.1	2533.6	2542.8	2546.2	2550.8	2557.9	2562.9	2561.5
-7.5°	2557.9	2549.4	2540.7	2560.2	2540.7	2549.4	2557.9	2561.6	2570.1	2576.7	2576.1
-10°	2568.7	2556.3	2547.8	2566.9	2547.8	2556.3	2568.7	2577.3	2584.5	2590.8	2592.0
-12.5°	2582.9	2568.4	2562.7	2573.1	2562.7	2568.4	2582.9	2592.9	2600.7	2605.4	2603.6
-15°	2598.0	2588.0	2586.7	2592.8	2586.7	2588.0	2598.0	2608.4	2614.6	2618.5	2611.6
-17.5°	2611.4	2604.3	2607.8	2614.7	2607.8	2604.3	2611.4	2619.9	2625.0	2626.5	2617.0
-20°	2617.7	2613.8	2617.7	2635.0	2617.7	2613.8	2617.7	2623.1	2626.6	2625.7	2611.9



REPORT NUMBER: P645367 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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°	2617.2	2617.4	2624.3	2629.9	2624.3	2617.4	2617.2	2620.1	2619.8	2615.5	2592.3
-25°	2607.2	2612.4	2620.3	2631.6	2620.3	2612.4	2607.2	2606.9	2603.4	2592.2	2568.7
-27.5°	2583.1	2591.8	2600.1	2611.9	2600.1	2591.8	2583.1	2579.7	2573.5	2558.1	2539.0
-30°	2548.3	2558.7	2566.0	2578.7	2566.0	2558.7	2548.3	2541.9	2532.2	2514.6	2485.8
-32.5°	2505.9	2517.6	2526.3	2535.4	2526.3	2517.6	2505.9	2496.2	2485.9	2465.5	2425.8
-35°	2452.9	2465.5	2474.8	2483.1	2474.8	2465.5	2452.9	2440.1	2427.2	2409.8	2364.6
-37.5°	2389.2	2402.9	2413.4	2422.9	2413.4	2402.9	2389.2	2374.0	2360.4	2343.4	2299.5
-40°	2315.1	2329.1	2340.3	2350.9	2340.3	2329.1	2315.1	2297.6	2282.2	2262.4	2224.4
-42.5°	2228.4	2242.5	2254.2	2264.8	2254.2	2242.5	2228.4	2209.8	2190.9	2167.1	2134.1
-45°	2128.3	2142.8	2155.1	2166.4	2155.1	2142.8	2128.3	2108.8	2084.7	2053.6	2014.4
-47.5°	2013.0	2028.6	2039.1	2044.3	2039.1	2028.6	2013.0	1992.3	1964.3	1928.0	1885.0
-50°	1880.8	1896.4	1909.0	1918.3	1909.0	1896.4	1880.8	1860.2	1831.8	1792.5	1746.9
-52.5°	1735.3	1750.1	1760.9	1767.5	1760.9	1750.1	1735.3	1715.3	1687.8	1645.7	1597.8
-55°	1576.0	1591.6	1601.8	1606.6	1601.8	1591.6	1576.0	1555.3	1529.0	1486.2	1438.9
-57.5°	1395.4	1410.1	1421.0	1427.2	1421.0	1410.1	1395.4	1375.2	1349.9	1309.5	1264.1
-60°	1195.4	1208.6	1216.9	1220.2	1216.9	1208.6	1195.4	1177.0	1153.4	1118.0	1076.2
-62.5°	991.0	1003.5	1011.3	1014.3	1011.3	1003.5	991.0	974.3	953.6	924.5	889.6
-65°	788.9	796.7	801.0	801.6	801.0	796.7	788.9	777.1	761.3	739.1	711.9
-67.5°	608.6	614.6	618.2	619.4	618.2	614.6	608.6	600.4	590.0	576.8	560.2
-70°	477.6	481.7	484.0	484.4	484.0	481.7	477.6	471.4	463.1	452.1	438.5
-72.5°	356.1	359.0	357.9	355.5	357.9	359.0	356.1	351.9	346.5	340.2	333.9
-75°	277.7	281.0	279.6	277.3	279.6	281.0	277.7	273.9	269.4	264.3	258.5
-77.5°	221.8	224.8	223.4	221.1	223.4	224.8	221.8	218.4	214.4	209.8	204.6
-80°	158.5	160.2	161.4	162.0	161.4	160.2	158.5	156.3	153.8	151.0	149.0
-82.5°	81.1	78.7	77.2	75.4	77.2	78.7	81.1	83.1	84.6	85.6	86.0
-85°	22.9	22.4	22.8	23.1	22.8	22.4	22.9	23.4	23.7	24.0	26.0
-87.5°	6.6	6.8	6.8	6.8	6.8	6.8	6.6	6.4	6.2	6.0	6.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P645367 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-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°	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4
85°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
82.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
80°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
77.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
72.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
70°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7
67.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7
65°	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7
62.5°	1.1	1.2	1.2	1.2	1.3	1.6	1.4	1.4	1.3	1.6	2.2
60°	2.7	2.1	3.2	3.6	3.1	5.2	8.8	8.0	2.4	12.8	14.7
57.5°	37.2	30.9	64.8	64.6	27.1	36.5	48.9	32.2	21.1	36.1	47.7
55°	259.6	237.8	206.7	203.4	214.1	162.7	136.0	130.9	102.5	66.6	79.1
52.5°	366.0	344.2	323.0	303.3	287.1	269.8	244.4	216.9	208.1	167.6	129.2
50°	414.1	435.3	414.5	363.5	372.5	347.9	312.0	282.8	288.8	264.1	212.9
47.5°	561.5	587.4	588.0	557.6	523.8	513.3	460.8	369.5	375.6	374.6	320.4
45°	822.1	786.1	799.5	756.8	697.0	664.0	662.2	564.6	474.2	459.5	454.3
42.5°	965.0	938.3	910.6	878.8	825.9	773.2	740.7	685.8	613.1	548.8	525.9
40°	1022.7	991.7	965.9	939.4	896.9	842.9	816.7	744.6	689.9	634.2	615.7
37.5°	1092.5	1033.5	1056.6	1006.7	967.1	954.0	933.7	858.6	737.5	727.3	717.9
35°	1248.4	1193.2	1246.3	1236.9	1079.6	1097.1	1110.6	1018.4	891.6	822.8	824.3
32.5°	1603.9	1476.7	1437.8	1485.4	1402.8	1265.5	1267.5	1239.4	1066.3	966.3	922.5
30°	1732.6	1676.1	1614.9	1606.7	1545.1	1465.7	1415.2	1347.8	1221.8	1107.6	1032.6
27.5°	1788.2	1736.9	1685.4	1645.6	1610.0	1556.1	1490.3	1411.0	1321.4	1219.1	1146.2
25°	1827.8	1770.4	1725.9	1682.1	1643.7	1602.8	1535.6	1458.4	1374.8	1292.3	1214.1
22.5°	1859.7	1806.2	1758.3	1711.1	1680.0	1636.1	1575.6	1495.9	1439.8	1387.4	1285.6
20°	1894.5	1842.9	1789.1	1791.3	1745.5	1672.2	1614.2	1574.5	1566.8	1507.8	1376.4
17.5°	2045.7	1903.9	1930.3	1980.3	1879.3	1746.3	1725.6	1727.8	1703.4	1648.6	1485.2
15°	2369.7	2164.8	2166.6	2201.1	2091.6	1928.2	1890.5	1885.9	1847.6	1786.9	1600.1
12.5°	2471.7	2403.3	2390.7	2339.5	2232.0	2109.9	2065.3	2041.1	1970.7	1853.2	1682.8
10°	2506.2	2466.5	2413.8	2362.2	2297.0	2247.9	2184.3	2096.3	1996.4	1883.1	1744.3
7.5°	2510.3	2469.2	2426.7	2377.5	2320.3	2262.7	2199.8	2112.3	2015.7	1904.6	1787.7
5°	2507.8	2466.9	2427.5	2380.5	2322.5	2266.6	2209.6	2123.1	2028.8	1918.7	1816.3
2.5°	2501.7	2460.2	2422.8	2380.1	2322.3	2268.5	2215.7	2134.8	2038.1	1930.3	1825.8
0°	2510.7	2469.6	2434.2	2386.3	2334.0	2271.6	2218.7	2146.7	2042.6	1938.0	1829.4
-2.5°	2514.5	2472.0	2439.6	2385.7	2342.3	2278.6	2225.0	2155.5	2051.1	1951.6	1838.1
-5°	2534.8	2492.6	2450.2	2396.2	2350.5	2290.9	2230.7	2159.0	2057.5	1958.9	1842.0
-7.5°	2548.1	2505.3	2456.0	2403.6	2357.8	2300.9	2234.1	2159.4	2063.4	1958.8	1843.9
-10°	2556.5	2511.7	2463.0	2409.4	2362.0	2303.5	2233.0	2157.5	2062.2	1954.2	1839.8
-12.5°	2568.2	2517.9	2467.7	2406.7	2359.3	2299.2	2228.7	2153.2	2053.3	1945.7	1829.3
-15°	2572.6	2520.9	2462.2	2402.5	2350.7	2292.2	2219.5	2140.5	2037.9	1932.5	1812.1
-17.5°	2574.4	2515.6	2453.0	2395.8	2339.9	2277.9	2201.1	2117.1	2018.1	1909.2	1789.4
-20°	2573.0	2504.5	2440.1	2377.8	2319.2	2256.3	2177.1	2093.8	1989.9	1879.1	1760.0



REPORT NUMBER: P645367 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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°	2546.8	2484.8	2419.6	2352.0	2294.4	2227.6	2150.1	2063.9	1953.1	1846.0	1722.6
-25°	2517.8	2455.2	2387.9	2325.0	2263.7	2197.3	2117.7	2020.0	1914.8	1803.3	1677.2
-27.5°	2483.7	2417.9	2348.3	2284.3	2219.5	2154.2	2071.9	1973.5	1872.2	1750.3	1627.9
-30°	2437.6	2369.6	2298.7	2225.5	2166.3	2099.7	2018.2	1922.7	1813.9	1693.6	1577.1
-32.5°	2375.0	2311.0	2240.1	2170.5	2108.7	2038.8	1956.6	1861.7	1747.6	1633.7	1512.5
-35°	2311.3	2245.1	2177.5	2112.0	2046.8	1973.7	1889.7	1786.5	1677.4	1564.6	1438.8
-37.5°	2238.6	2169.7	2106.1	2043.9	1976.7	1901.7	1809.1	1709.3	1602.9	1478.9	1359.2
-40°	2160.5	2094.1	2024.7	1963.2	1891.5	1815.8	1726.4	1629.4	1512.4	1389.8	1277.3
-42.5°	2067.8	2001.4	1930.0	1861.4	1791.8	1719.9	1639.0	1534.1	1418.2	1302.6	1185.7
-45°	1955.8	1889.4	1819.2	1748.5	1683.4	1613.5	1538.2	1426.4	1311.9	1201.7	1089.6
-47.5°	1829.8	1765.5	1697.7	1627.7	1565.7	1495.5	1403.9	1299.8	1198.5	1093.6	978.9
-50°	1693.0	1631.8	1569.2	1504.2	1434.5	1355.4	1267.4	1176.6	1076.2	968.6	863.8
-52.5°	1543.5	1487.5	1428.3	1365.8	1294.0	1215.4	1133.1	1036.6	936.5	845.1	749.8
-55°	1387.5	1332.1	1273.7	1211.3	1144.3	1066.5	981.2	893.5	811.7	727.3	654.5
-57.5°	1214.8	1162.4	1106.7	1047.7	985.9	913.6	838.7	764.3	699.6	633.9	567.9
-60°	1030.3	981.3	933.9	881.7	824.5	762.3	707.8	652.9	597.9	545.5	492.3
-62.5°	851.5	810.5	768.0	725.6	682.2	637.3	592.0	549.7	506.3	461.9	422.8
-65°	682.6	651.5	617.9	588.5	557.8	525.3	488.9	455.7	424.2	391.6	358.3
-67.5°	540.8	518.6	494.8	471.7	450.6	428.1	402.6	375.7	350.7	326.7	302.1
-70°	424.3	409.5	394.1	377.2	360.4	343.4	324.6	304.9	284.8	266.8	249.5
-72.5°	325.6	315.4	303.7	291.5	278.6	267.0	254.2	240.9	227.3	213.6	200.6
-75°	251.9	244.6	236.5	227.4	216.5	203.5	193.8	187.3	179.1	169.2	158.3
-77.5°	199.2	193.9	188.1	180.4	172.4	164.1	155.9	147.9	139.9	132.3	125.4
-80°	146.6	144.1	140.9	134.5	128.1	121.7	115.5	110.6	105.9	100.8	94.5
-82.5°	86.1	85.8	84.9	81.3	77.7	74.1	70.6	67.1	63.5	59.6	55.7
-85°	27.8	29.3	30.6	31.2	31.5	31.6	31.4	30.5	29.4	28.2	26.9
-87.5°	6.1	6.1	6.2	6.4	6.6	6.7	6.9	7.2	7.6	7.8	8.0
-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: P645367 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-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°	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
85°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.6	0.6
82.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.9	0.9
80°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.9	1.0
77.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.9	1.0
75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.8	0.9	1.0
72.5°	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.8	0.9	1.0
70°	0.7	0.6	0.6	0.7	0.8	0.9	0.9	0.9	0.8	0.9	1.0
67.5°	0.8	0.9	0.8	0.8	0.8	0.9	1.1	1.3	1.3	0.9	1.0
65°	0.9	1.0	1.2	1.6	1.4	1.0	1.1	2.2	1.8	1.5	1.1
62.5°	1.9	1.0	3.5	4.7	2.7	2.1	1.7	4.9	3.1	2.1	1.5
60°	4.4	3.6	9.9	15.9	11.1	3.8	5.5	8.5	7.8	2.7	2.1
57.5°	41.3	14.2	20.6	29.7	29.2	15.9	11.6	15.4	13.3	7.7	3.0
55°	88.1	74.1	49.0	44.8	48.4	39.1	25.5	25.0	20.5	14.2	4.9
52.5°	120.8	126.1	109.8	76.7	66.8	63.6	49.7	36.2	32.1	21.3	12.3
50°	174.9	162.9	161.2	135.4	93.6	84.7	73.3	56.5	45.1	30.5	20.8
47.5°	247.1	217.0	201.1	189.5	149.4	108.0	96.2	77.3	59.4	43.9	29.7
45°	353.1	280.5	249.8	230.9	204.7	151.9	120.4	97.5	77.4	58.9	39.1
42.5°	459.5	362.7	305.3	274.8	247.5	201.5	146.3	120.8	94.9	74.2	50.9
40°	553.5	447.4	363.6	324.4	289.6	249.4	188.2	145.7	112.1	89.9	64.3
37.5°	666.6	543.9	430.7	376.5	334.5	289.4	230.7	171.8	132.8	106.5	77.8
35°	776.1	668.8	505.8	439.3	384.4	330.4	271.6	202.5	158.2	123.2	91.3
32.5°	893.6	786.3	619.3	509.5	436.0	372.3	309.9	239.9	183.8	140.2	104.7
30°	986.1	863.6	718.9	579.7	492.2	419.1	348.1	275.8	209.4	157.4	118.2
27.5°	1035.2	930.5	797.5	658.0	555.5	467.0	387.5	310.1	235.0	176.2	132.3
25°	1085.9	977.6	853.7	726.5	617.9	517.8	426.7	342.8	262.9	197.5	146.3
22.5°	1146.6	1017.7	901.0	780.7	682.4	569.2	467.8	375.9	290.9	218.3	160.0
20°	1207.5	1055.0	947.8	854.5	745.6	624.9	510.8	408.2	317.2	238.6	173.5
17.5°	1271.4	1122.5	1027.1	926.5	808.6	678.9	553.2	439.5	341.9	258.2	186.5
15°	1382.7	1223.7	1107.1	996.6	871.3	730.8	594.5	469.5	365.0	277.1	198.7
12.5°	1483.8	1317.9	1187.1	1064.4	933.0	780.3	634.4	498.1	386.3	292.2	209.5
10°	1567.4	1405.2	1266.2	1129.4	992.8	827.0	672.4	521.4	399.1	303.4	219.5
7.5°	1635.9	1485.9	1343.3	1191.3	1044.2	857.6	691.6	535.0	409.0	313.0	228.5
5°	1685.4	1539.8	1384.2	1212.9	1060.3	870.1	704.6	546.1	417.0	320.9	236.7
2.5°	1699.6	1556.4	1399.6	1224.7	1071.1	878.2	713.9	554.5	423.1	327.4	244.0
0°	1707.9	1567.3	1409.2	1232.0	1076.7	882.1	719.5	560.3	427.5	332.5	250.3
-2.5°	1719.5	1576.7	1418.5	1250.6	1080.4	893.9	722.7	564.1	433.0	334.3	254.0
-5°	1725.3	1580.3	1423.0	1263.2	1079.4	901.0	722.3	565.3	436.6	334.9	256.7
-7.5°	1722.7	1579.1	1423.1	1267.1	1074.6	902.6	718.3	564.0	438.1	334.5	258.4
-10°	1715.0	1572.7	1417.7	1256.9	1070.1	896.2	711.3	560.4	437.2	333.0	259.0
-12.5°	1703.2	1560.7	1406.6	1242.3	1060.7	883.0	703.1	554.3	433.7	330.7	258.6
-15°	1687.8	1543.3	1389.7	1223.7	1045.3	865.5	690.7	545.4	426.9	328.1	257.1
-17.5°	1668.2	1520.6	1366.9	1201.6	1023.6	843.8	674.1	533.8	418.3	324.9	254.0
-20°	1633.1	1490.1	1338.0	1176.6	995.5	818.1	653.1	519.4	408.0	320.4	249.6

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REPORT NUMBER: P645367 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-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°
-22.5°	1593.6	1452.4	1302.0	1142.7	961.5	788.6	627.8	502.4	396.2	314.5	244.2
-25°	1551.6	1409.9	1260.2	1095.9	924.0	757.4	602.5	482.8	382.9	307.2	238.1
-27.5°	1502.2	1361.7	1212.8	1044.3	880.5	721.2	578.2	465.3	370.0	298.4	231.1
-30°	1446.6	1305.1	1153.5	989.3	832.8	679.3	550.9	446.7	359.2	288.9	223.2
-32.5°	1382.9	1242.8	1087.8	932.9	782.4	634.9	520.8	426.8	346.6	278.8	216.0
-35°	1310.5	1170.2	1018.1	872.5	729.0	599.0	491.4	405.6	332.3	267.9	208.4
-37.5°	1235.0	1092.3	948.5	809.3	672.3	560.1	464.9	384.7	316.4	256.2	200.0
-40°	1148.8	1012.2	875.5	744.2	623.1	518.4	436.2	364.1	301.3	243.7	190.8
-42.5°	1060.0	928.2	799.2	675.4	574.6	484.4	406.2	341.9	285.4	231.7	180.8
-45°	964.3	839.5	718.2	617.3	525.2	448.4	380.0	318.9	268.5	219.4	170.5
-47.5°	863.3	745.9	644.5	556.8	483.3	412.3	352.0	299.0	250.7	206.2	160.2
-50°	756.3	658.8	576.6	504.3	438.1	379.8	324.2	278.2	234.4	191.7	149.3
-52.5°	661.5	583.4	515.4	453.5	398.2	345.6	300.2	256.8	217.5	177.7	138.0
-55°	580.3	516.3	458.9	407.3	358.7	316.2	275.3	237.8	200.3	163.7	126.5
-57.5°	510.2	454.2	408.3	363.5	323.4	287.1	252.6	218.4	183.7	149.2	117.4
-60°	442.8	401.0	360.1	324.2	290.2	259.3	231.2	199.0	167.0	134.7	107.4
-62.5°	384.6	348.9	318.0	286.7	258.4	233.3	209.6	180.1	149.8	121.4	96.4
-65°	330.1	302.7	276.3	251.3	227.9	206.6	187.5	160.6	132.6	107.2	85.1
-67.5°	278.3	257.6	236.9	216.0	197.5	180.3	163.9	139.7	114.6	92.2	73.8
-70°	232.0	214.3	198.2	182.6	167.6	153.3	137.8	117.3	95.7	78.9	62.3
-72.5°	188.3	175.4	162.0	149.2	138.1	125.5	111.2	95.3	80.2	65.2	50.5
-75°	147.9	139.4	129.9	119.7	109.4	98.1	88.7	77.6	64.4	51.4	40.7
-77.5°	118.3	110.0	100.5	92.4	85.5	77.8	69.3	59.6	49.1	39.9	31.5
-80°	87.2	80.9	75.6	70.9	64.5	57.5	50.4	43.3	35.7	28.6	22.0
-82.5°	53.2	51.8	50.4	48.2	42.9	37.6	32.5	27.5	22.1	17.1	14.1
-85°	26.6	26.1	25.3	24.2	20.9	17.7	16.2	14.7	12.9	11.1	9.5
-87.5°	8.8	9.4	9.9	10.3	9.6	8.8	8.1	7.3	6.4	5.6	4.7
-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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CATALOG NUMBER: GFLD-SA2C-722-U-LAM-VSR-XX

**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°	0.3	0.2	0.2	0.1	0.1	0.1	0.0
85°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
82.5°	0.9	0.7	0.6	0.4	0.3	0.2	0.0
80°	1.1	0.9	0.8	0.6	0.4	0.2	0.0
77.5°	1.1	1.1	0.9	0.7	0.5	0.3	0.0
75°	1.1	1.1	1.1	0.9	0.6	0.4	0.0
72.5°	1.1	1.2	1.2	1.0	0.7	0.4	0.0
70°	1.2	1.2	1.2	1.1	0.8	0.5	0.0
67.5°	1.3	1.3	1.3	1.2	0.9	0.5	0.0
65°	1.5	1.5	1.3	1.2	1.0	0.6	0.0
62.5°	1.7	1.8	1.4	1.3	1.1	0.7	0.0
60°	2.1	2.2	1.5	1.4	1.2	0.7	0.0
57.5°	3.8	2.7	1.9	1.4	1.2	0.8	0.0
55°	6.1	3.2	2.4	1.5	1.3	0.8	0.0
52.5°	8.8	4.1	2.9	1.5	1.4	0.9	0.0
50°	11.9	7.0	3.4	1.6	1.4	0.9	0.0
47.5°	16.0	10.1	3.9	1.8	1.5	1.0	0.0
45°	24.1	13.4	4.5	2.2	1.6	1.1	0.0
42.5°	32.4	17.0	5.1	2.6	1.7	1.1	0.0
40°	40.9	20.7	6.8	3.2	1.7	1.2	0.0
37.5°	49.6	24.7	9.8	3.8	1.8	1.2	0.0
35°	58.4	30.7	12.8	4.6	1.9	1.3	0.0
32.5°	67.9	37.6	15.8	5.4	1.9	1.3	0.0
30°	78.8	44.5	18.8	6.3	2.0	1.3	0.0
27.5°	89.5	51.3	22.6	7.3	2.1	1.4	0.0
25°	99.9	58.0	26.4	8.3	2.2	1.4	0.0
22.5°	110.0	64.8	30.3	9.3	2.2	1.5	0.0
20°	119.8	72.1	34.1	10.4	2.3	1.5	0.0
17.5°	129.5	79.2	37.8	11.5	2.4	1.5	0.0
15°	138.8	86.0	41.4	12.6	2.4	1.6	0.0
12.5°	147.5	92.5	45.0	13.7	2.5	1.6	0.0
10°	155.6	98.6	48.3	14.8	2.6	1.6	0.0
7.5°	163.0	104.3	51.5	15.8	2.6	1.6	0.0
5°	169.7	109.6	54.5	16.8	2.7	1.7	0.0
2.5°	175.8	114.4	57.2	17.7	2.7	1.7	0.0
0°	181.1	118.7	59.6	18.6	2.8	1.7	0.0
-2.5°	183.8	121.4	61.9	19.8	3.2	1.8	0.0
-5°	185.7	123.5	63.8	20.9	3.7	1.9	0.0
-7.5°	186.9	125.1	65.4	21.9	4.1	2.0	0.0
-10°	187.5	126.1	66.6	22.8	4.5	2.1	0.0
-12.5°	187.4	126.5	67.4	23.5	4.9	2.1	0.0
-15°	186.7	126.3	67.8	24.1	5.2	2.2	0.0
-17.5°	185.3	125.5	67.7	24.5	5.6	2.3	0.0
-20°	183.2	124.2	67.2	24.7	5.9	2.3	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	180.1	122.3	66.3	24.8	6.2	2.4	0.0
-25°	176.4	119.4	64.9	24.7	6.4	2.4	0.0
-27.5°	171.9	115.7	63.0	24.4	6.6	2.4	0.0
-30°	166.7	111.5	60.6	23.9	6.8	2.4	0.0
-32.5°	160.8	106.9	57.9	23.2	6.9	2.5	0.0
-35°	154.5	101.7	54.8	22.3	7.0	2.4	0.0
-37.5°	147.6	96.5	51.4	21.1	7.1	2.4	0.0
-40°	140.3	91.8	47.8	19.8	7.1	2.4	0.0
-42.5°	132.4	86.8	45.0	18.4	7.1	2.4	0.0
-45°	124.0	81.5	43.1	16.9	7.0	2.3	0.0
-47.5°	115.2	75.8	40.8	15.3	6.9	2.3	0.0
-50°	107.8	69.9	38.2	14.7	6.7	2.2	0.0
-52.5°	100.4	63.6	35.3	14.5	6.5	2.1	0.0
-55°	92.7	58.9	32.1	14.0	6.2	2.0	0.0
-57.5°	84.7	54.1	28.5	13.4	5.9	1.9	0.0
-60°	76.6	48.9	24.8	12.7	5.6	1.8	0.0
-62.5°	69.2	43.3	23.1	11.8	5.3	1.7	0.0
-65°	61.3	37.2	21.1	10.7	4.9	1.6	0.0
-67.5°	52.9	32.2	18.8	9.6	4.5	1.4	0.0
-70°	44.0	28.2	16.4	8.3	4.1	1.3	0.0
-72.5°	37.2	23.8	13.7	7.3	3.6	1.2	0.0
-75°	30.4	19.3	10.9	6.4	3.1	1.0	0.0
-77.5°	23.3	14.5	9.0	5.4	2.6	0.8	0.0
-80°	15.9	11.0	7.3	4.3	2.1	0.7	0.0
-82.5°	11.7	8.3	5.5	3.3	1.6	0.5	0.0
-85°	7.8	5.6	3.7	2.2	1.1	0.3	0.0
-87.5°	3.9	2.8	1.9	1.1	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)