

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: P627422 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-750-U-WR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627422 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA4C-750-U-WR-VSR-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR  
Light Source: (64) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

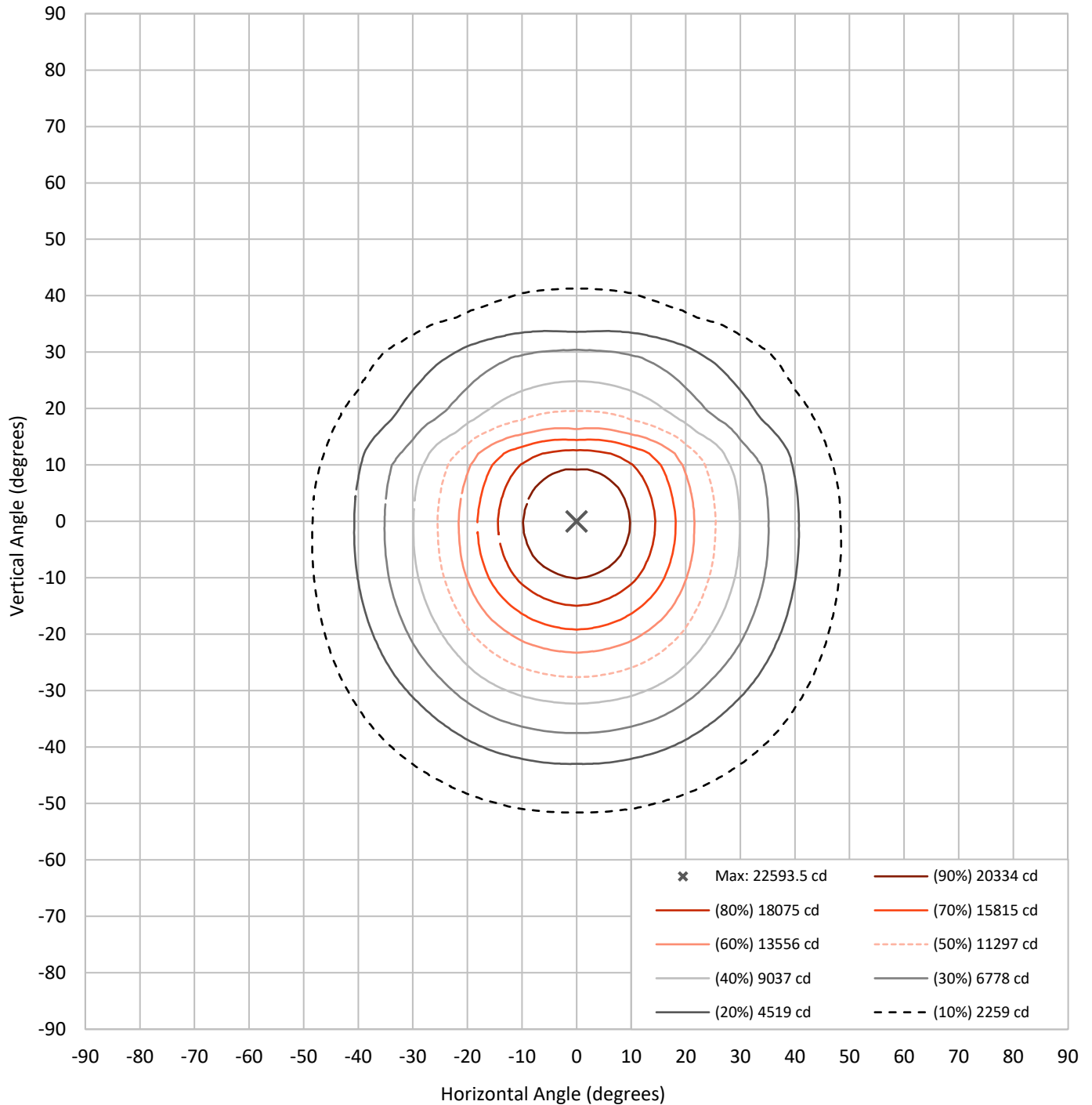
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	19932.3 lumens	Max Intensity:	22593.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	118.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	9596.5 lumens	Field Lumens:	17846.2 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	168.2		
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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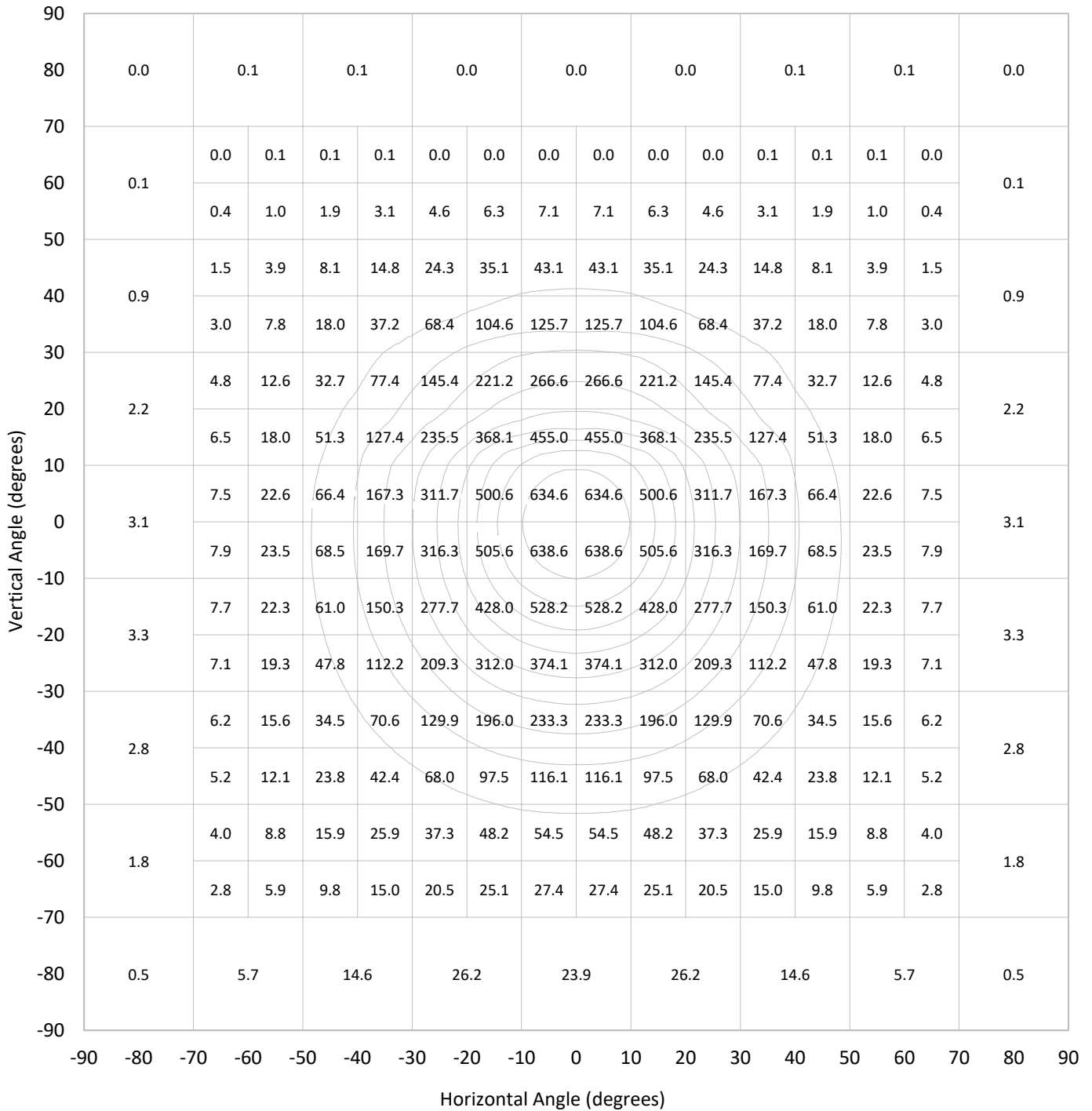
### Iso-Candela Plot





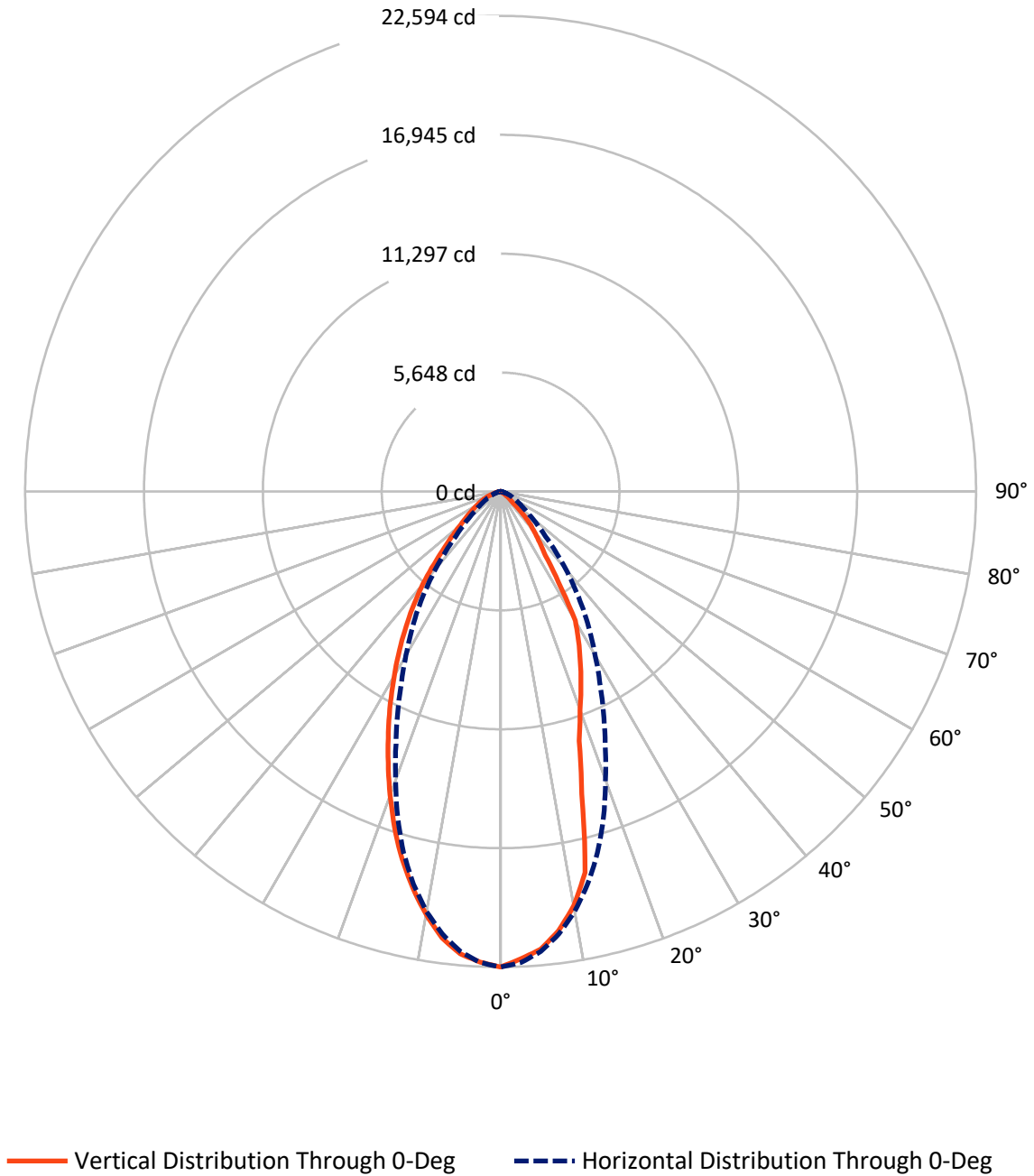
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### Lumen Table



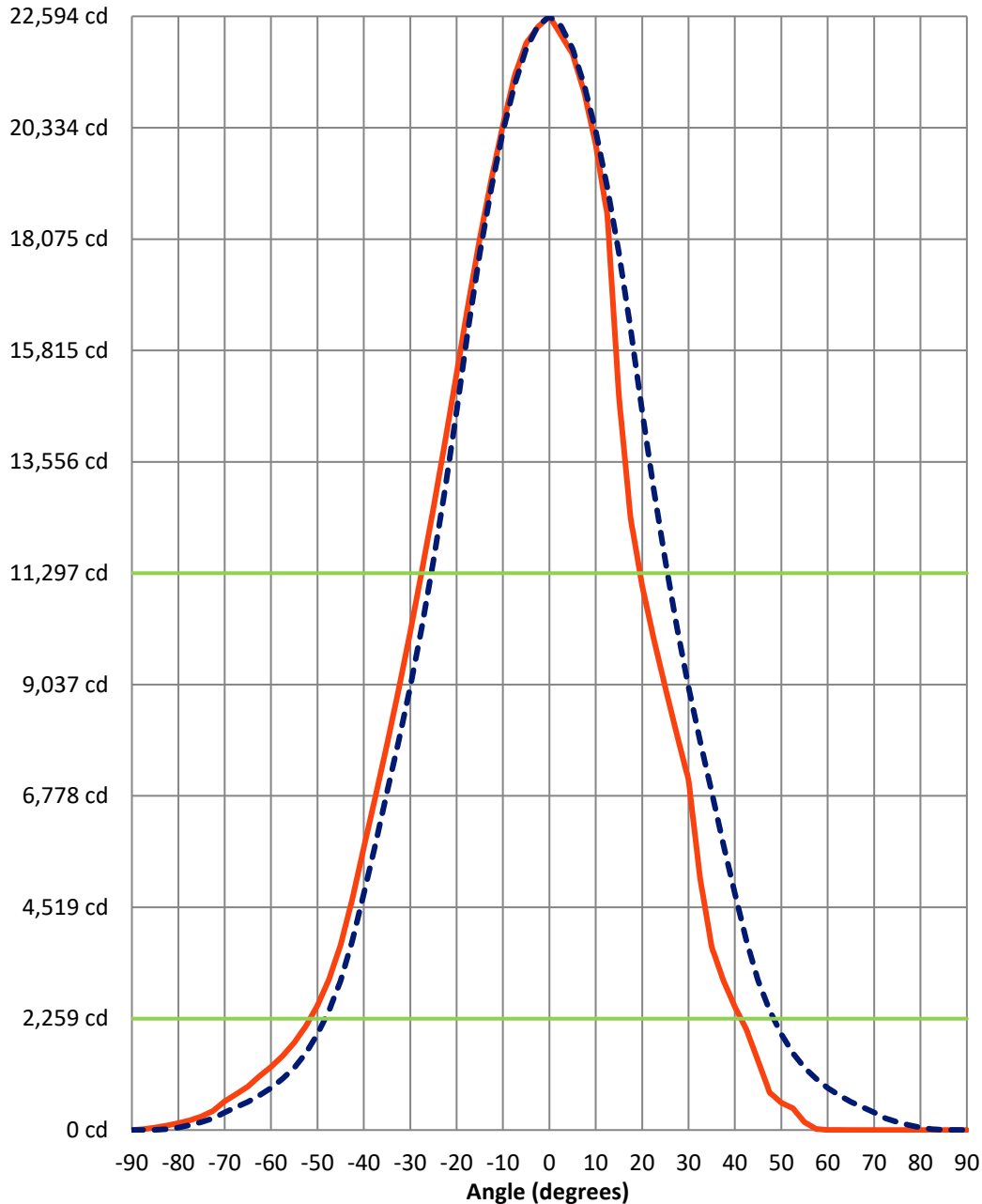
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 50.9°  
 V Angle: 47.1°  
 Lumens: 9596.5  
 Efficiency: 48.1%

**Field:**  
 H Angle: 96.7°  
 V Angle: 92.9°  
 Lumens: 17846.2  
 Efficiency: 89.5%

**Spill:**  
 Lumens: 2086.1  
 Efficiency: 10.5%

— 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	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.7
85°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	1.0	1.1	1.2	1.4
82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.6	1.6
80°	0.0	0.3	0.6	0.8	1.1	1.4	1.6	1.6	1.6	1.6	1.6
77.5°	0.0	0.3	0.7	1.0	1.4	1.6	1.6	1.6	1.6	1.6	1.6
75°	0.0	0.4	0.8	1.2	1.6	1.6	1.6	1.6	1.6	1.6	1.6
72.5°	0.0	0.5	1.0	1.4	1.6	1.6	1.6	1.6	1.6	1.6	1.6
70°	0.0	0.5	1.1	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7
67.5°	0.0	0.6	1.2	1.6	1.6	1.6	1.7	1.6	1.6	2.1	2.0
65°	0.0	0.7	1.4	1.6	1.6	1.8	1.9	1.6	2.3	2.6	3.1
62.5°	0.0	0.7	1.5	1.6	1.6	2.2	2.2	2.2	3.0	4.3	6.7
60°	0.0	0.8	1.6	1.6	1.6	2.6	2.5	3.0	3.9	10.6	11.5
57.5°	0.0	0.9	1.6	1.6	2.1	3.1	4.4	4.1	10.5	18.0	19.8
55°	0.0	0.9	1.6	1.6	2.6	3.6	6.7	6.1	19.2	27.1	30.7
52.5°	0.0	1.0	1.7	1.6	3.1	4.5	9.3	15.1	28.8	40.3	43.4
50°	0.0	1.0	1.7	1.6	3.6	7.3	12.3	25.1	40.2	54.8	66.3
47.5°	0.0	1.1	1.7	1.7	4.2	10.3	16.4	35.1	55.2	70.9	90.0
45°	0.0	1.1	1.8	2.2	4.8	13.4	25.1	45.2	70.3	91.8	113.3
42.5°	0.0	1.2	1.8	2.6	5.4	16.8	33.8	57.1	85.4	112.5	139.3
40°	0.0	1.2	1.9	3.2	7.1	20.3	42.5	70.2	101.0	132.7	166.3
37.5°	0.0	1.3	2.0	3.9	9.8	24.0	51.1	83.0	118.0	153.4	194.0
35°	0.0	1.3	2.0	4.7	12.6	29.9	59.6	95.7	135.0	178.2	224.1
32.5°	0.0	1.3	2.1	5.5	15.5	36.6	68.6	108.2	152.0	203.7	258.0
30°	0.0	1.4	2.2	6.3	18.3	43.1	78.7	120.9	169.0	229.7	292.1
27.5°	0.0	1.4	2.3	7.3	21.6	49.5	88.5	134.8	187.7	256.1	326.4
25°	0.0	1.5	2.3	8.2	24.8	55.7	98.0	148.4	209.2	284.2	360.6
22.5°	0.0	1.5	2.4	9.2	28.0	61.6	107.0	161.6	230.6	312.7	395.4
20°	0.0	1.5	2.5	10.2	31.0	67.4	115.6	174.3	251.5	340.5	428.5
17.5°	0.0	1.5	2.6	11.3	34.0	72.9	123.6	186.6	272.0	367.6	459.8
15°	0.0	1.5	2.7	12.3	36.8	78.0	130.9	197.5	291.7	393.6	489.4
12.5°	0.0	1.6	2.8	13.3	39.4	82.7	137.6	206.6	308.0	418.5	517.1
10°	0.0	1.6	2.9	14.3	42.0	87.1	143.7	214.7	321.1	433.2	538.9
7.5°	0.0	1.6	3.0	15.2	44.3	91.0	149.2	221.9	332.6	444.4	550.2
5°	0.0	1.6	3.0	16.2	46.4	94.5	153.9	228.0	342.4	453.4	559.4
2.5°	0.0	1.6	3.1	17.0	48.3	97.5	158.0	233.1	350.5	460.1	566.5
0°	0.0	1.6	3.2	17.8	50.0	100.1	161.4	237.2	356.7	464.8	571.3
-2.5°	0.0	1.7	3.7	18.9	52.3	103.2	165.8	244.0	363.7	471.5	578.9
-5°	0.0	1.8	4.2	19.9	54.3	105.9	169.4	249.8	368.8	476.3	584.2
-7.5°	0.0	1.9	4.6	20.9	56.0	108.0	172.3	254.2	372.0	479.3	587.4
-10°	0.0	2.0	5.1	21.7	57.5	109.6	174.4	257.4	373.3	480.5	588.4
-12.5°	0.0	2.1	5.5	22.4	58.5	110.7	175.6	259.3	372.9	479.8	585.6
-15°	0.0	2.2	5.9	23.0	59.2	111.2	175.9	259.6	370.2	475.6	580.0
-17.5°	0.0	2.2	6.3	23.4	59.6	111.1	175.4	259.1	365.4	469.9	572.1
-20°	0.0	2.3	6.6	23.7	59.5	110.5	174.9	257.9	359.4	462.8	562.1

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA4C-750-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.3	6.9	23.8	59.0	109.3	175.0	255.6	352.3	454.4	549.9
-25°	0.0	2.4	7.2	23.8	58.1	108.9	174.2	252.2	344.2	444.7	535.6
-27.5°	0.0	2.4	7.4	23.6	56.8	108.4	172.6	247.7	335.3	433.5	522.3
-30°	0.0	2.4	7.6	23.3	55.1	107.3	170.0	242.2	327.4	420.9	508.1
-32.5°	0.0	2.5	7.7	22.8	54.4	105.4	166.6	237.7	319.6	407.8	492.9
-35°	0.0	2.5	7.8	22.1	53.3	102.9	163.3	232.7	310.7	394.2	476.7
-37.5°	0.0	2.5	7.8	21.3	51.7	100.2	159.6	226.7	300.8	380.3	457.7
-40°	0.0	2.4	7.8	20.3	49.6	97.7	155.1	219.7	290.0	367.3	437.4
-42.5°	0.0	2.4	7.7	19.3	48.1	94.6	149.6	211.7	279.9	350.4	415.7
-45°	0.0	2.4	7.6	18.6	47.2	91.0	143.2	203.4	269.5	332.2	393.2
-47.5°	0.0	2.3	7.4	17.6	45.8	86.6	136.0	194.8	258.0	313.5	372.4
-50°	0.0	2.2	7.2	17.3	43.8	81.7	129.7	185.2	242.8	296.4	351.0
-52.5°	0.0	2.2	6.9	17.0	41.4	76.2	122.8	174.6	227.7	278.6	329.2
-55°	0.0	2.1	6.6	16.6	38.6	71.7	115.2	163.3	212.2	260.0	308.6
-57.5°	0.0	2.0	6.3	15.9	35.2	66.9	106.9	153.1	195.8	241.3	287.4
-60°	0.0	1.9	5.8	15.1	31.6	61.3	98.1	140.9	179.1	221.9	265.5
-62.5°	0.0	1.7	5.5	14.0	29.4	55.2	89.5	127.4	162.4	201.7	242.8
-65°	0.0	1.6	5.1	12.8	26.9	48.4	80.0	113.2	144.8	180.5	219.3
-67.5°	0.0	1.5	4.7	11.4	24.1	42.4	69.8	98.9	126.1	158.0	193.3
-70°	0.0	1.3	4.2	9.8	20.9	37.2	58.8	84.1	108.4	134.4	165.3
-72.5°	0.0	1.2	3.8	8.7	17.6	31.5	50.0	68.8	90.3	113.0	137.0
-75°	0.0	1.0	3.3	7.6	14.0	25.6	41.1	56.1	71.6	91.2	111.8
-77.5°	0.0	0.9	2.8	6.4	11.6	19.3	31.7	44.1	56.9	70.3	86.0
-80°	0.0	0.7	2.2	5.2	9.4	14.7	21.9	31.9	42.3	53.3	64.8
-82.5°	0.0	0.5	1.7	3.9	7.1	11.2	16.1	21.3	27.5	36.0	44.9
-85°	0.0	0.4	1.1	2.6	4.8	7.5	10.8	14.3	18.2	22.5	27.2
-87.5°	0.0	0.2	0.6	1.3	2.4	3.8	5.4	7.2	9.1	11.3	13.6
-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-SA4C-750-U-WR-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°	0.7	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.3
85°	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
77.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
75°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
72.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
70°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3
67.5°	1.6	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.2	0.8
65°	1.6	1.6	2.2	2.4	1.7	1.6	1.6	1.6	1.7	1.4	1.5
62.5°	2.3	2.9	3.6	5.6	4.2	1.6	3.1	3.7	2.5	2.0	2.2
60°	7.1	4.9	12.4	17.2	11.2	6.0	7.3	14.6	12.0	3.3	8.5
57.5°	14.3	17.6	31.2	32.8	25.2	17.0	37.3	41.4	34.3	21.5	31.0
55°	29.7	41.7	52.7	52.1	52.4	65.9	77.4	76.0	67.0	92.5	116.5
52.5°	56.2	68.7	76.0	82.8	101.6	114.1	117.7	124.8	151.2	182.7	188.4
50°	82.5	95.3	105.0	129.5	148.8	158.7	167.9	192.0	231.8	253.4	256.9
47.5°	109.1	123.4	148.8	175.6	194.3	209.3	225.2	280.0	324.4	342.7	349.4
45°	136.8	161.7	193.3	220.9	242.5	262.8	314.7	389.4	420.7	448.9	520.6
42.5°	165.6	203.1	238.7	267.6	292.0	334.4	406.6	479.0	523.7	583.7	670.4
40°	202.4	244.4	285.7	315.1	345.5	409.7	499.1	575.8	623.1	703.5	802.3
37.5°	239.7	288.8	333.4	364.4	407.2	494.0	599.1	690.9	749.5	815.0	973.7
35°	276.6	334.1	379.9	421.5	474.3	594.0	723.5	825.6	898.1	1010.3	1211.1
32.5°	315.9	380.3	427.1	483.6	570.5	704.3	863.4	976.8	1097.0	1258.4	1580.1
30°	357.8	423.5	477.3	545.3	661.7	817.9	1002.5	1145.0	1308.2	1570.4	1917.1
27.5°	399.6	466.5	532.8	619.3	747.2	915.8	1108.7	1333.3	1544.3	1837.4	2216.5
25°	439.8	510.4	587.2	691.8	830.0	1006.6	1217.1	1476.3	1751.6	2086.9	2532.0
22.5°	478.1	554.9	644.8	757.2	899.9	1092.8	1343.8	1648.2	1979.1	2326.4	2837.9
20°	515.7	604.6	707.9	833.6	964.3	1172.3	1467.7	1836.3	2251.0	2726.9	3228.1
17.5°	552.8	653.8	772.9	912.7	1071.0	1283.9	1594.8	2033.6	2538.4	3157.6	3774.8
15°	589.1	701.9	835.9	990.8	1178.7	1433.1	1786.2	2268.6	2878.4	3619.9	4351.0
12.5°	624.4	748.6	896.2	1067.1	1283.2	1573.6	1966.6	2487.0	3185.8	4071.7	4969.8
10°	658.2	793.4	953.6	1140.8	1383.2	1704.3	2126.1	2676.0	3417.7	4330.8	5329.5
7.5°	675.4	823.8	1002.5	1210.8	1477.6	1824.3	2264.9	2835.7	3598.9	4539.0	5540.4
5°	687.6	837.7	1020.9	1238.8	1529.5	1905.9	2371.1	2966.3	3732.4	4695.8	5683.3
2.5°	697.1	847.6	1034.3	1254.6	1550.0	1933.1	2406.2	3011.9	3804.0	4777.5	5766.6
0°	703.6	853.7	1042.5	1263.6	1560.6	1946.3	2422.3	3030.8	3834.4	4796.3	5796.8
-2.5°	710.5	862.0	1051.2	1277.6	1575.4	1964.2	2440.2	3044.2	3857.2	4801.5	5813.2
-5°	714.5	866.5	1054.6	1284.4	1580.2	1967.6	2438.9	3031.4	3839.1	4763.8	5777.6
-7.5°	715.6	867.0	1052.7	1283.1	1574.1	1952.3	2413.1	2993.6	3776.5	4687.5	5690.4
-10°	713.9	863.2	1045.8	1271.4	1556.3	1920.6	2367.0	2928.0	3673.6	4561.6	5543.0
-12.5°	708.6	855.1	1033.4	1252.5	1527.8	1875.5	2302.1	2834.6	3530.8	4386.6	5335.1
-15°	700.3	843.1	1015.4	1226.1	1488.4	1817.5	2218.6	2713.2	3346.8	4164.1	5076.3
-17.5°	688.7	827.1	991.8	1192.6	1438.1	1747.1	2117.7	2571.2	3148.4	3915.8	4788.7
-20°	674.0	807.3	962.7	1151.9	1380.1	1672.9	2024.1	2445.4	2962.8	3631.5	4449.2



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 CATALOG NUMBER: GFLD-SA4C-750-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	656.2	783.6	931.9	1112.9	1328.7	1595.8	1919.3	2302.9	2754.6	3302.8	4078.6
-25°	637.8	760.9	902.0	1069.5	1269.9	1508.5	1799.5	2149.0	2558.1	3059.9	3701.3
-27.5°	619.7	734.8	867.4	1019.4	1204.1	1418.4	1686.9	2005.5	2370.1	2796.8	3319.1
-30°	599.3	705.7	829.2	966.9	1141.0	1340.0	1572.0	1845.0	2169.1	2554.7	3008.8
-32.5°	577.0	674.5	792.2	921.5	1073.4	1254.5	1455.3	1702.1	1984.1	2302.2	2694.7
-35°	554.8	647.8	754.3	872.5	1000.8	1170.4	1354.9	1559.7	1799.6	2081.2	2395.1
-37.5°	533.4	618.7	713.7	824.0	944.3	1085.1	1248.0	1433.0	1639.5	1863.6	2134.7
-40°	509.7	587.3	677.2	777.0	883.4	1005.5	1152.4	1309.4	1487.1	1684.3	1893.7
-42.5°	483.8	558.4	640.4	726.4	824.1	933.2	1055.0	1198.5	1346.2	1511.4	1694.2
-45°	458.4	527.0	602.1	680.6	762.7	859.1	969.7	1089.1	1220.1	1354.9	1508.4
-47.5°	431.8	494.3	564.3	632.7	705.4	787.6	881.6	989.9	1099.1	1219.1	1338.2
-50°	405.0	463.7	522.5	586.4	651.6	720.0	799.3	892.9	992.2	1091.8	1196.6
-52.5°	381.1	431.9	485.0	539.8	599.2	660.1	726.2	803.3	890.2	977.9	1068.3
-55°	356.7	403.5	447.3	496.5	547.8	602.6	661.6	726.4	792.0	872.0	949.7
-57.5°	332.9	374.3	412.5	454.3	500.0	546.6	599.7	654.8	714.4	774.8	838.3
-60°	308.9	344.2	378.8	414.9	453.3	494.7	537.5	585.9	637.0	689.4	744.5
-62.5°	284.2	312.8	343.3	376.4	410.1	442.0	477.8	517.4	559.6	604.6	651.3
-65°	256.5	280.2	305.6	334.5	366.2	391.9	419.3	449.0	483.9	521.0	557.6
-67.5°	226.9	247.9	268.6	290.0	315.7	338.8	361.3	385.0	411.0	441.3	470.8
-70°	193.9	214.9	233.2	250.9	267.3	283.7	302.9	321.5	342.5	369.7	396.4
-72.5°	160.4	180.1	197.4	212.5	224.0	233.8	245.6	259.2	279.3	304.5	328.1
-75°	129.8	145.6	161.8	176.3	183.7	186.7	189.1	196.3	216.6	242.5	265.4
-77.5°	101.1	114.9	128.1	140.7	145.9	148.0	149.0	148.9	163.9	186.0	209.2
-80°	74.4	84.1	95.3	106.1	109.2	110.2	110.3	109.6	121.9	137.8	154.8
-82.5°	51.7	58.7	65.8	73.1	74.1	73.6	72.6	71.5	81.4	92.8	104.6
-85°	30.2	33.1	37.4	41.9	42.4	42.2	41.4	40.1	45.6	51.9	58.4
-87.5°	15.1	16.5	18.0	19.4	18.9	18.2	17.2	16.0	17.5	19.1	20.8
-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):**

	-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°	1.3	1.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.6	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.6	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.6	1.3	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.6	1.3	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.6	1.3	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.6	1.4	1.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.9	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.7	0.8	0.8	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.6	1.6	1.2	0.8	0.4	0.3	0.4	0.3	0.1	0.0	0.0
62.5°	2.1	2.0	1.4	1.4	1.5	1.6	1.3	1.1	1.1	1.1	1.3
60°	9.1	5.2	5.3	6.8	5.8	2.6	5.3	6.7	6.2	4.8	4.1
57.5°	46.3	38.8	27.1	45.4	46.8	32.6	35.4	46.1	44.7	34.6	34.4
55°	116.7	118.4	127.2	138.6	147.1	151.0	154.5	171.9	190.4	208.5	217.6
52.5°	192.8	215.4	243.3	261.9	274.9	301.5	338.7	355.8	372.4	391.3	404.9
50°	283.9	323.1	351.2	355.3	399.6	428.3	435.0	467.1	502.0	523.7	539.3
47.5°	422.4	472.0	496.5	512.2	566.0	625.0	625.1	643.5	730.9	776.6	798.6
45°	608.4	649.7	693.1	805.9	909.5	942.4	1012.8	1108.1	1170.1	1255.4	1349.2
42.5°	766.8	844.4	953.1	1077.2	1181.2	1267.7	1372.3	1486.9	1624.6	1754.1	1865.8
40°	923.5	1019.6	1154.2	1289.3	1420.1	1540.0	1708.6	1856.0	2018.4	2196.5	2345.0
37.5°	1128.0	1251.0	1390.2	1560.5	1764.1	1897.2	2129.1	2340.9	2523.9	2739.0	2871.5
35°	1442.2	1602.5	1725.7	2069.9	2317.6	2473.2	2747.8	3095.9	3229.6	3500.5	3629.0
32.5°	1837.2	2050.2	2374.4	2830.2	3161.0	3447.5	3857.9	4211.1	4512.2	4784.3	5067.3
30°	2280.9	2609.6	3087.5	3693.1	4029.2	4430.5	4985.4	5404.2	5876.5	6394.8	6576.4
27.5°	2683.6	3176.0	3730.8	4221.4	4704.0	5203.9	5749.1	6287.2	6798.3	7229.6	7519.0
25°	3056.9	3653.1	4192.3	4716.6	5239.6	5802.5	6419.2	7029.5	7591.8	8035.6	8373.0
22.5°	3441.9	4071.8	4648.6	5180.7	5788.9	6426.8	7082.7	7782.6	8422.6	8883.0	9250.6
20°	3803.9	4504.5	5162.5	5768.1	6343.1	7079.5	7834.7	8577.2	9274.2	9822.6	10246.4
17.5°	4378.5	4986.6	5790.8	6577.6	7225.4	7901.9	8911.0	9677.3	10450.8	11107.6	11556.9
15°	5084.1	5752.8	6583.2	7663.8	8551.5	9326.5	10369.0	11615.6	12527.9	13366.4	13941.6
12.5°	5790.2	6546.7	7444.8	8660.9	9924.7	10837.6	12102.4	13682.0	14744.6	16042.7	16682.8
10°	6331.5	7281.3	8206.3	9316.1	10529.8	11829.8	13193.2	14671.0	16090.8	17205.5	18202.0
7.5°	6549.4	7561.2	8631.9	9764.2	10977.8	12319.5	13772.6	15310.4	16771.6	18016.7	19111.7
5°	6712.3	7749.0	8826.7	9984.6	11281.9	12683.0	14157.8	15772.3	17264.5	18599.0	19719.3
2.5°	6815.8	7862.2	8935.3	10112.5	11477.0	12919.6	14441.8	16099.1	17613.8	18987.5	20104.2
0°	6855.5	7886.7	8985.7	10197.7	11548.5	12994.5	14582.5	16259.2	17785.9	19114.1	20263.1
-2.5°	6860.9	7863.9	8989.0	10195.0	11487.5	12947.1	14554.3	16217.0	17712.7	19035.5	20194.8
-5°	6807.1	7809.7	8935.8	10123.6	11417.8	12866.4	14404.5	16011.3	17437.8	18725.2	19841.4
-7.5°	6697.9	7697.7	8799.0	9959.6	11218.9	12623.9	14101.3	15595.1	16994.5	18229.2	19294.5
-10°	6535.9	7514.6	8577.8	9708.6	10900.2	12236.7	13645.4	15072.6	16384.9	17526.8	18511.8
-12.5°	6316.5	7272.7	8287.9	9367.5	10476.7	11750.9	13081.0	14421.3	15617.4	16659.9	17543.6
-15°	6031.6	6965.5	7948.5	8969.5	10045.1	11197.4	12391.1	13620.5	14723.6	15648.1	16455.5
-17.5°	5696.0	6601.7	7535.3	8481.7	9502.4	10583.5	11691.5	12795.1	13736.0	14557.2	15295.5
-20°	5321.8	6194.5	7081.3	7963.6	8889.6	9889.4	10912.8	11882.2	12704.4	13450.6	14126.2



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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°	4902.3	5737.7	6587.6	7413.3	8248.3	9153.6	10067.6	10944.2	11713.3	12351.7	12938.8
-25°	4453.3	5225.1	6027.7	6801.9	7570.4	8381.7	9211.9	10018.5	10695.3	11249.5	11734.6
-27.5°	4000.8	4706.0	5413.2	6142.1	6852.4	7601.0	8352.6	9049.3	9657.0	10167.3	10574.9
-30°	3525.2	4155.6	4801.5	5460.9	6139.2	6824.3	7503.4	8113.4	8643.8	9092.7	9445.0
-32.5°	3129.9	3608.8	4179.0	4777.6	5413.5	6037.7	6628.4	7184.4	7684.3	8076.2	8375.0
-35°	2751.0	3156.6	3583.6	4113.5	4659.8	5234.2	5777.6	6273.8	6719.3	7061.8	7342.9
-37.5°	2425.3	2746.1	3107.2	3485.5	3943.5	4418.3	4908.8	5375.5	5772.8	6071.5	6322.6
-40°	2143.4	2396.7	2685.2	2985.1	3322.0	3663.2	4090.2	4484.1	4808.4	5087.6	5315.1
-42.5°	1888.5	2102.3	2315.3	2561.3	2815.5	3089.8	3389.5	3680.8	3929.7	4163.4	4356.5
-45°	1668.5	1839.2	2009.1	2199.1	2385.8	2608.8	2822.9	3014.0	3215.6	3390.5	3528.2
-47.5°	1476.2	1609.3	1754.9	1897.1	2046.9	2214.9	2374.2	2519.6	2667.3	2795.3	2898.0
-50°	1305.2	1415.5	1534.4	1646.1	1767.3	1890.2	2008.0	2123.6	2235.8	2333.2	2409.0
-52.5°	1155.6	1251.9	1344.5	1433.5	1529.9	1620.9	1706.2	1801.6	1889.3	1966.1	2017.9
-55°	1028.1	1106.8	1182.7	1257.0	1329.9	1398.8	1466.8	1541.0	1608.7	1669.7	1708.3
-57.5°	908.4	975.4	1039.7	1100.4	1158.3	1213.1	1270.3	1327.3	1379.5	1425.5	1455.3
-60°	799.6	854.3	909.9	959.4	1006.1	1049.9	1098.1	1143.7	1185.8	1221.2	1241.8
-62.5°	699.8	748.9	790.0	829.1	868.8	908.3	942.5	976.2	1008.7	1036.1	1054.1
-65°	595.6	637.1	672.1	703.6	732.0	762.6	791.8	818.2	841.6	859.5	870.8
-67.5°	502.3	532.9	560.9	585.9	611.3	635.8	658.2	678.3	695.9	708.3	716.5
-70°	421.2	444.6	467.5	490.3	512.9	531.9	548.2	563.2	576.8	582.5	585.0
-72.5°	350.0	370.8	390.9	411.0	429.8	444.7	456.7	467.7	477.5	469.0	454.1
-75°	285.5	303.7	322.5	340.2	356.8	368.2	377.1	385.3	392.7	374.3	348.9
-77.5°	232.7	248.7	262.6	276.4	290.1	297.4	303.0	308.5	313.8	293.2	267.2
-80°	172.6	185.5	197.3	209.0	220.4	224.7	227.2	228.9	229.9	212.2	191.9
-82.5°	116.6	123.3	129.8	136.5	143.5	147.1	149.9	152.0	153.5	141.0	126.9
-85°	65.3	67.3	68.9	70.3	71.4	73.7	75.9	77.9	79.7	73.8	67.2
-87.5°	22.4	22.4	22.3	22.2	21.9	22.0	22.0	21.9	21.8	20.9	19.9
-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: P627422 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3
62.5°	1.4	1.5	1.6	1.6	1.6	1.5	1.4	1.3	1.1	1.1	1.1
60°	3.2	2.0	1.6	1.6	1.6	2.0	3.2	4.1	4.8	6.2	6.7
57.5°	32.1	28.0	25.1	22.6	25.1	28.0	32.1	34.4	34.6	44.7	46.1
55°	213.7	199.0	181.0	159.8	181.0	199.0	213.7	217.6	208.5	190.4	171.9
52.5°	419.3	433.2	441.3	440.6	441.3	433.2	419.3	404.9	391.3	372.4	355.8
50°	551.9	559.5	559.9	553.5	559.9	559.5	551.9	539.3	523.7	502.0	467.1
47.5°	808.6	798.0	779.7	760.1	779.7	798.0	808.6	798.6	776.6	730.9	643.5
45°	1410.9	1444.9	1442.7	1399.2	1442.7	1444.9	1410.9	1349.2	1255.4	1170.1	1108.1
42.5°	1928.2	1979.1	2015.1	2033.4	2015.1	1979.1	1928.2	1865.8	1754.1	1624.6	1486.9
40°	2428.6	2477.8	2499.4	2498.2	2499.4	2477.8	2428.6	2345.0	2196.5	2018.4	1856.0
37.5°	2957.4	3021.0	3051.9	3037.2	3051.9	3021.0	2957.4	2871.5	2739.0	2523.9	2340.9
35°	3684.6	3744.2	3745.3	3715.0	3745.3	3744.2	3684.6	3629.0	3500.5	3229.6	3095.9
32.5°	5292.0	5311.9	5158.8	5104.5	5158.8	5311.9	5292.0	5067.3	4784.3	4512.2	4211.1
30°	6757.0	6898.3	7029.7	7096.0	7029.7	6898.3	6757.0	6576.4	6394.8	5876.5	5404.2
27.5°	7737.2	7907.0	8012.3	8019.1	8012.3	7907.0	7737.2	7519.0	7229.6	6798.3	6287.2
25°	8628.7	8818.7	8933.5	8972.8	8933.5	8818.7	8628.7	8373.0	8035.6	7591.8	7029.5
22.5°	9562.6	9786.6	9935.0	9965.3	9935.0	9786.6	9562.6	9250.6	8883.0	8422.6	7782.6
20°	10646.2	10906.9	11049.2	11043.4	11049.2	10906.9	10646.2	10246.4	9822.6	9274.2	8577.2
17.5°	12072.9	12352.4	12475.3	12421.6	12475.3	12352.4	12072.9	11556.9	11107.6	10450.8	9677.3
15°	14532.0	15116.8	15114.4	14881.0	15114.4	15116.8	14532.0	13941.6	13366.4	12527.9	11615.6
12.5°	17565.3	18001.1	18448.3	18544.4	18448.3	18001.1	17565.3	16682.8	16042.7	14744.6	13682.0
10°	19041.3	19620.1	20002.1	19992.0	20002.1	19620.1	19041.3	18202.0	17205.5	16090.8	14671.0
7.5°	19964.7	20604.1	21067.1	21057.1	21067.1	20604.1	19964.7	19111.7	18016.7	16771.6	15310.4
5°	20677.3	21386.5	21796.5	21826.9	21796.5	21386.5	20677.3	19719.3	18599.0	17264.5	15772.3
2.5°	21047.5	21787.7	22280.7	22215.8	22280.7	21787.7	21047.5	20104.2	18987.5	17613.8	16099.1
0°	21202.3	21935.0	22395.0	22593.5	22395.0	21935.0	21202.3	20263.1	19114.1	17785.9	16259.2
-2.5°	21134.7	21847.6	22355.9	22375.6	22355.9	21847.6	21134.7	20194.8	19035.5	17712.7	16217.0
-5°	20772.6	21525.0	21865.5	22046.4	21865.5	21525.0	20772.6	19841.4	18725.2	17437.8	16011.3
-7.5°	20188.7	20752.4	21185.0	21384.7	21185.0	20752.4	20188.7	19294.5	18229.2	16994.5	15595.1
-10°	19279.8	19863.4	20228.9	20393.8	20228.9	19863.4	19279.8	18511.8	17526.8	16384.9	15072.6
-12.5°	18272.9	18803.3	19150.9	19290.0	19150.9	18803.3	18272.9	17543.6	16659.9	15617.4	14421.3
-15°	17149.5	17631.1	17951.0	18084.4	17951.0	17631.1	17149.5	16455.5	15648.1	14723.6	13620.5
-17.5°	15912.9	16334.9	16653.7	16749.8	16653.7	16334.9	15912.9	15295.5	14557.2	13736.0	12795.1
-20°	14641.4	15022.9	15285.4	15342.6	15285.4	15022.9	14641.4	14126.2	13450.6	12704.4	11882.2



REPORT NUMBER: P627422 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-750-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	13360.2	13674.5	13887.7	13959.5	13887.7	13674.5	13360.2	12938.8	12351.7	11713.3	10944.2
-25°	12108.1	12379.4	12551.0	12615.2	12551.0	12379.4	12108.1	11734.6	11249.5	10695.3	10018.5
-27.5°	10903.8	11156.7	11314.3	11335.5	11314.3	11156.7	10903.8	10574.9	10167.3	9657.0	9049.3
-30°	9719.0	9927.9	10049.3	10100.9	10049.3	9927.9	9719.0	9445.0	9092.7	8643.8	8113.4
-32.5°	8611.7	8794.1	8903.3	8932.5	8903.3	8794.1	8611.7	8375.0	8076.2	7684.3	7184.4
-35°	7566.3	7734.8	7831.6	7823.8	7831.6	7734.8	7566.3	7342.9	7061.8	6719.3	6273.8
-37.5°	6530.1	6685.5	6773.3	6765.1	6773.3	6685.5	6530.1	6322.6	6071.5	5772.8	5375.5
-40°	5502.1	5636.2	5713.6	5732.3	5713.6	5636.2	5502.1	5315.1	5087.6	4808.4	4484.1
-42.5°	4517.1	4641.0	4702.9	4678.5	4702.9	4641.0	4517.1	4356.5	4163.4	3929.7	3680.8
-45°	3624.6	3688.6	3730.7	3757.0	3730.7	3688.6	3624.6	3528.2	3390.5	3215.6	3014.0
-47.5°	2973.1	3026.2	3054.8	3059.8	3054.8	3026.2	2973.1	2898.0	2795.3	2667.3	2519.6
-50°	2467.8	2513.0	2532.9	2527.2	2532.9	2513.0	2467.8	2409.0	2333.2	2235.8	2123.6
-52.5°	2055.2	2081.4	2099.0	2107.6	2099.0	2081.4	2055.2	2017.9	1966.1	1889.3	1801.6
-55°	1737.3	1757.7	1769.6	1773.6	1769.6	1757.7	1737.3	1708.3	1669.7	1608.7	1541.0
-57.5°	1480.2	1499.6	1506.6	1504.1	1506.6	1499.6	1480.2	1455.3	1425.5	1379.5	1327.3
-60°	1257.7	1268.8	1277.1	1281.4	1277.1	1268.8	1257.7	1241.8	1221.2	1185.8	1143.7
-62.5°	1068.4	1078.8	1087.5	1092.6	1087.5	1078.8	1068.4	1054.1	1036.1	1008.7	976.2
-65°	878.8	883.4	884.7	882.8	884.7	883.4	878.8	870.8	859.5	841.6	818.2
-67.5°	722.6	726.5	729.0	729.4	729.0	726.5	722.6	716.5	708.3	695.9	678.3
-70°	587.4	589.0	587.2	582.6	587.2	589.0	587.4	585.0	582.5	576.8	563.2
-72.5°	438.8	422.7	406.7	388.9	406.7	422.7	438.8	454.1	469.0	477.5	467.7
-75°	322.6	295.4	285.5	276.0	285.5	295.4	322.6	348.9	374.3	392.7	385.3
-77.5°	239.9	211.6	204.0	196.9	204.0	211.6	239.9	267.2	293.2	313.8	308.5
-80°	170.5	148.4	143.5	138.8	143.5	148.4	170.5	191.9	212.2	229.9	228.9
-82.5°	112.0	96.6	93.5	90.4	93.5	96.6	112.0	126.9	141.0	153.5	152.0
-85°	60.3	53.1	51.6	50.0	51.6	53.1	60.3	67.2	73.8	79.7	77.9
-87.5°	18.8	17.7	17.8	17.8	17.8	17.7	18.8	19.9	20.9	21.8	21.9
-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: P627422 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-750-U-WR-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°	0.0	0.0	0.0	0.4	0.7	1.0	1.3	1.3	1.2	1.2	1.1
85°	0.0	0.0	0.0	0.4	0.8	1.2	1.6	1.6	1.6	1.6	1.6
82.5°	0.0	0.0	0.0	0.4	0.8	1.2	1.6	1.6	1.6	1.6	1.6
80°	0.0	0.0	0.1	0.5	0.9	1.3	1.6	1.6	1.6	1.6	1.6
77.5°	0.0	0.0	0.1	0.5	0.9	1.3	1.6	1.6	1.6	1.6	1.6
75°	0.0	0.0	0.1	0.5	0.9	1.3	1.6	1.6	1.6	1.6	1.6
72.5°	0.0	0.0	0.1	0.5	1.0	1.4	1.6	1.6	1.6	1.6	1.6
70°	0.0	0.0	0.0	0.0	0.1	0.4	0.9	1.3	1.6	1.6	1.6
67.5°	0.0	0.0	0.3	0.7	0.8	0.8	0.7	0.8	1.2	1.6	1.6
65°	0.4	0.3	0.4	0.8	1.2	1.6	1.6	1.5	1.4	1.7	1.6
62.5°	1.3	1.6	1.5	1.4	1.4	2.0	2.1	2.2	2.0	2.5	3.7
60°	5.3	2.6	5.8	6.8	5.3	5.2	9.1	8.5	3.3	12.0	14.6
57.5°	35.4	32.6	46.8	45.4	27.1	38.8	46.3	31.0	21.5	34.3	41.4
55°	154.5	151.0	147.1	138.6	127.2	118.4	116.7	116.5	92.5	67.0	76.0
52.5°	338.7	301.5	274.9	261.9	243.3	215.4	192.8	188.4	182.7	151.2	124.8
50°	435.0	428.3	399.6	355.3	351.2	323.1	283.9	256.9	253.4	231.8	192.0
47.5°	625.1	625.0	566.0	512.2	496.5	472.0	422.4	349.4	342.7	324.4	280.0
45°	1012.8	942.4	909.5	805.9	693.1	649.7	608.4	520.6	448.9	420.7	389.4
42.5°	1372.3	1267.7	1181.2	1077.2	953.1	844.4	766.8	670.4	583.7	523.7	479.0
40°	1708.6	1540.0	1420.1	1289.3	1154.2	1019.6	923.5	802.3	703.5	623.1	575.8
37.5°	2129.1	1897.2	1764.1	1560.5	1390.2	1251.0	1128.0	973.7	815.0	749.5	690.9
35°	2747.8	2473.2	2317.6	2069.9	1725.7	1602.5	1442.2	1211.1	1010.3	898.1	825.6
32.5°	3857.9	3447.5	3161.0	2830.2	2374.4	2050.2	1837.2	1580.1	1258.4	1097.0	976.8
30°	4985.4	4430.5	4029.2	3693.1	3087.5	2609.6	2280.9	1917.1	1570.4	1308.2	1145.0
27.5°	5749.1	5203.9	4704.0	4221.4	3730.8	3176.0	2683.6	2216.5	1837.4	1544.3	1333.3
25°	6419.2	5802.5	5239.6	4716.6	4192.3	3653.1	3056.9	2532.0	2086.9	1751.6	1476.3
22.5°	7082.7	6426.8	5788.9	5180.7	4648.6	4071.8	3441.9	2837.9	2326.4	1979.1	1648.2
20°	7834.7	7079.5	6343.1	5768.1	5162.5	4504.5	3803.9	3228.1	2726.9	2251.0	1836.3
17.5°	8911.0	7901.9	7225.4	6577.6	5790.8	4986.6	4378.5	3774.8	3157.6	2538.4	2033.6
15°	10369.0	9326.5	8551.5	7663.8	6583.2	5752.8	5084.1	4351.0	3619.9	2878.4	2268.6
12.5°	12102.4	10837.6	9924.7	8660.9	7444.8	6546.7	5790.2	4969.8	4071.7	3185.8	2487.0
10°	13193.2	11829.8	10529.8	9316.1	8206.3	7281.3	6331.5	5329.5	4330.8	3417.7	2676.0
7.5°	13772.6	12319.5	10977.8	9764.2	8631.9	7561.2	6549.4	5540.4	4539.0	3598.9	2835.7
5°	14157.8	12683.0	11281.9	9984.6	8826.7	7749.0	6712.3	5683.3	4695.8	3732.4	2966.3
2.5°	14441.8	12919.6	11477.0	10112.5	8935.3	7862.2	6815.8	5766.6	4777.5	3804.0	3011.9
0°	14582.5	12994.5	11548.5	10197.7	8985.7	7886.7	6855.5	5796.8	4796.3	3834.4	3030.8
-2.5°	14554.3	12947.1	11487.5	10195.0	8989.0	7863.9	6860.9	5813.2	4801.5	3857.2	3044.2
-5°	14404.5	12866.4	11417.8	10123.6	8935.8	7809.7	6807.1	5777.6	4763.8	3839.1	3031.4
-7.5°	14101.3	12623.9	11218.9	9959.6	8799.0	7697.7	6697.9	5690.4	4687.5	3776.5	2993.6
-10°	13645.4	12236.7	10900.2	9708.6	8577.8	7514.6	6535.9	5543.0	4561.6	3673.6	2928.0
-12.5°	13081.0	11750.9	10476.7	9367.5	8287.9	7272.7	6316.5	5335.1	4386.6	3530.8	2834.6
-15°	12391.1	11197.4	10045.1	8969.5	7948.5	6965.5	6031.6	5076.3	4164.1	3346.8	2713.2
-17.5°	11691.5	10583.5	9502.4	8481.7	7535.3	6601.7	5696.0	4788.7	3915.8	3148.4	2571.2
-20°	10912.8	9889.4	8889.6	7963.6	7081.3	6194.5	5321.8	4449.2	3631.5	2962.8	2445.4



REPORT NUMBER: P627422 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-750-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	10067.6	9153.6	8248.3	7413.3	6587.6	5737.7	4902.3	4078.6	3302.8	2754.6	2302.9
-25°	9211.9	8381.7	7570.4	6801.9	6027.7	5225.1	4453.3	3701.3	3059.9	2558.1	2149.0
-27.5°	8352.6	7601.0	6852.4	6142.1	5413.2	4706.0	4000.8	3319.1	2796.8	2370.1	2005.5
-30°	7503.4	6824.3	6139.2	5460.9	4801.5	4155.6	3525.2	3008.8	2554.7	2169.1	1845.0
-32.5°	6628.4	6037.7	5413.5	4777.6	4179.0	3608.8	3129.9	2694.7	2302.2	1984.1	1702.1
-35°	5777.6	5234.2	4659.8	4113.5	3583.6	3156.6	2751.0	2395.1	2081.2	1799.6	1559.7
-37.5°	4908.8	4418.3	3943.5	3485.5	3107.2	2746.1	2425.3	2134.7	1863.6	1639.5	1433.0
-40°	4090.2	3663.2	3322.0	2985.1	2685.2	2396.7	2143.4	1893.7	1684.3	1487.1	1309.4
-42.5°	3389.5	3089.8	2815.5	2561.3	2315.3	2102.3	1888.5	1694.2	1511.4	1346.2	1198.5
-45°	2822.9	2608.8	2385.8	2199.1	2009.1	1839.2	1668.5	1508.4	1354.9	1220.1	1089.1
-47.5°	2374.2	2214.9	2046.9	1897.1	1754.9	1609.3	1476.2	1338.2	1219.1	1099.1	989.9
-50°	2008.0	1890.2	1767.3	1646.1	1534.4	1415.5	1305.2	1196.6	1091.8	992.2	892.9
-52.5°	1706.2	1620.9	1529.9	1433.5	1344.5	1251.9	1155.6	1068.3	977.9	890.2	803.3
-55°	1466.8	1398.8	1329.9	1257.0	1182.7	1106.8	1028.1	949.7	872.0	792.0	726.4
-57.5°	1270.3	1213.1	1158.3	1100.4	1039.7	975.4	908.4	838.3	774.8	714.4	654.8
-60°	1098.1	1049.9	1006.1	959.4	909.9	854.3	799.6	744.5	689.4	637.0	585.9
-62.5°	942.5	908.3	868.8	829.1	790.0	748.9	699.8	651.3	604.6	559.6	517.4
-65°	791.8	762.6	732.0	703.6	672.1	637.1	595.6	557.6	521.0	483.9	449.0
-67.5°	658.2	635.8	611.3	585.9	560.9	532.9	502.3	470.8	441.3	411.0	385.0
-70°	548.2	531.9	512.9	490.3	467.5	444.6	421.2	396.4	369.7	342.5	321.5
-72.5°	456.7	444.7	429.8	411.0	390.9	370.8	350.0	328.1	304.5	279.3	259.2
-75°	377.1	368.2	356.8	340.2	322.5	303.7	285.5	265.4	242.5	216.6	196.3
-77.5°	303.0	297.4	290.1	276.4	262.6	248.7	232.7	209.2	186.0	163.9	148.9
-80°	227.2	224.7	220.4	209.0	197.3	185.5	172.6	154.8	137.8	121.9	109.6
-82.5°	149.9	147.1	143.5	136.5	129.8	123.3	116.6	104.6	92.8	81.4	71.5
-85°	75.9	73.7	71.4	70.3	68.9	67.3	65.3	58.4	51.9	45.6	40.1
-87.5°	22.0	22.0	21.9	22.2	22.3	22.4	22.4	20.8	19.1	17.5	16.0
-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: P627422 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-750-U-WR-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°	1.1	1.0	1.0	0.9	0.9	0.8	0.7	0.7	0.6	0.5	0.5
85°	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.4	1.2	1.1	1.0
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.4
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
77.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
75°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
72.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
70°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.6	1.6
67.5°	1.6	1.6	1.6	1.7	1.6	1.6	1.6	2.0	2.1	1.6	1.6
65°	1.6	1.6	1.7	2.4	2.2	1.6	1.6	3.1	2.6	2.3	1.6
62.5°	3.1	1.6	4.2	5.6	3.6	2.9	2.3	6.7	4.3	3.0	2.2
60°	7.3	6.0	11.2	17.2	12.4	4.9	7.1	11.5	10.6	3.9	3.0
57.5°	37.3	17.0	25.2	32.8	31.2	17.6	14.3	19.8	18.0	10.5	4.1
55°	77.4	65.9	52.4	52.1	52.7	41.7	29.7	30.7	27.1	19.2	6.1
52.5°	117.7	114.1	101.6	82.8	76.0	68.7	56.2	43.4	40.3	28.8	15.1
50°	167.9	158.7	148.8	129.5	105.0	95.3	82.5	66.3	54.8	40.2	25.1
47.5°	225.2	209.3	194.3	175.6	148.8	123.4	109.1	90.0	70.9	55.2	35.1
45°	314.7	262.8	242.5	220.9	193.3	161.7	136.8	113.3	91.8	70.3	45.2
42.5°	406.6	334.4	292.0	267.6	238.7	203.1	165.6	139.3	112.5	85.4	57.1
40°	499.1	409.7	345.5	315.1	285.7	244.4	202.4	166.3	132.7	101.0	70.2
37.5°	599.1	494.0	407.2	364.4	333.4	288.8	239.7	194.0	153.4	118.0	83.0
35°	723.5	594.0	474.3	421.5	379.9	334.1	276.6	224.1	178.2	135.0	95.7
32.5°	863.4	704.3	570.5	483.6	427.1	380.3	315.9	258.0	203.7	152.0	108.2
30°	1002.5	817.9	661.7	545.3	477.3	423.5	357.8	292.1	229.7	169.0	120.9
27.5°	1108.7	915.8	747.2	619.3	532.8	466.5	399.6	326.4	256.1	187.7	134.8
25°	1217.1	1006.6	830.0	691.8	587.2	510.4	439.8	360.6	284.2	209.2	148.4
22.5°	1343.8	1092.8	899.9	757.2	644.8	554.9	478.1	395.4	312.7	230.6	161.6
20°	1467.7	1172.3	964.3	833.6	707.9	604.6	515.7	428.5	340.5	251.5	174.3
17.5°	1594.8	1283.9	1071.0	912.7	772.9	653.8	552.8	459.8	367.6	272.0	186.6
15°	1786.2	1433.1	1178.7	990.8	835.9	701.9	589.1	489.4	393.6	291.7	197.5
12.5°	1966.6	1573.6	1283.2	1067.1	896.2	748.6	624.4	517.1	418.5	308.0	206.6
10°	2126.1	1704.3	1383.2	1140.8	953.6	793.4	658.2	538.9	433.2	321.1	214.7
7.5°	2264.9	1824.3	1477.6	1210.8	1002.5	823.8	675.4	550.2	444.4	332.6	221.9
5°	2371.1	1905.9	1529.5	1238.8	1020.9	837.7	687.6	559.4	453.4	342.4	228.0
2.5°	2406.2	1933.1	1550.0	1254.6	1034.3	847.6	697.1	566.5	460.1	350.5	233.1
0°	2422.3	1946.3	1560.6	1263.6	1042.5	853.7	703.6	571.3	464.8	356.7	237.2
-2.5°	2440.2	1964.2	1575.4	1277.6	1051.2	862.0	710.5	578.9	471.5	363.7	244.0
-5°	2438.9	1967.6	1580.2	1284.4	1054.6	866.5	714.5	584.2	476.3	368.8	249.8
-7.5°	2413.1	1952.3	1574.1	1283.1	1052.7	867.0	715.6	587.4	479.3	372.0	254.2
-10°	2367.0	1920.6	1556.3	1271.4	1045.8	863.2	713.9	588.4	480.5	373.3	257.4
-12.5°	2302.1	1875.5	1527.8	1252.5	1033.4	855.1	708.6	585.6	479.8	372.9	259.3
-15°	2218.6	1817.5	1488.4	1226.1	1015.4	843.1	700.3	580.0	475.6	370.2	259.6
-17.5°	2117.7	1747.1	1438.1	1192.6	991.8	827.1	688.7	572.1	469.9	365.4	259.1
-20°	2024.1	1672.9	1380.1	1151.9	962.7	807.3	674.0	562.1	462.8	359.4	257.9

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REPORT NUMBER: P627422 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-750-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1919.3	1595.8	1328.7	1112.9	931.9	783.6	656.2	549.9	454.4	352.3	255.6
-25°	1799.5	1508.5	1269.9	1069.5	902.0	760.9	637.8	535.6	444.7	344.2	252.2
-27.5°	1686.9	1418.4	1204.1	1019.4	867.4	734.8	619.7	522.3	433.5	335.3	247.7
-30°	1572.0	1340.0	1141.0	966.9	829.2	705.7	599.3	508.1	420.9	327.4	242.2
-32.5°	1455.3	1254.5	1073.4	921.5	792.2	674.5	577.0	492.9	407.8	319.6	237.7
-35°	1354.9	1170.4	1000.8	872.5	754.3	647.8	554.8	476.7	394.2	310.7	232.7
-37.5°	1248.0	1085.1	944.3	824.0	713.7	618.7	533.4	457.7	380.3	300.8	226.7
-40°	1152.4	1005.5	883.4	777.0	677.2	587.3	509.7	437.4	367.3	290.0	219.7
-42.5°	1055.0	933.2	824.1	726.4	640.4	558.4	483.8	415.7	350.4	279.9	211.7
-45°	969.7	859.1	762.7	680.6	602.1	527.0	458.4	393.2	332.2	269.5	203.4
-47.5°	881.6	787.6	705.4	632.7	564.3	494.3	431.8	372.4	313.5	258.0	194.8
-50°	799.3	720.0	651.6	586.4	522.5	463.7	405.0	351.0	296.4	242.8	185.2
-52.5°	726.2	660.1	599.2	539.8	485.0	431.9	381.1	329.2	278.6	227.7	174.6
-55°	661.6	602.6	547.8	496.5	447.3	403.5	356.7	308.6	260.0	212.2	163.3
-57.5°	599.7	546.6	500.0	454.3	412.5	374.3	332.9	287.4	241.3	195.8	153.1
-60°	537.5	494.7	453.3	414.9	378.8	344.2	308.9	265.5	221.9	179.1	140.9
-62.5°	477.8	442.0	410.1	376.4	343.3	312.8	284.2	242.8	201.7	162.4	127.4
-65°	419.3	391.9	366.2	334.5	305.6	280.2	256.5	219.3	180.5	144.8	113.2
-67.5°	361.3	338.8	315.7	290.0	268.6	247.9	226.9	193.3	158.0	126.1	98.9
-70°	302.9	283.7	267.3	250.9	233.2	214.9	193.9	165.3	134.4	108.4	84.1
-72.5°	245.6	233.8	224.0	212.5	197.4	180.1	160.4	137.0	113.0	90.3	68.8
-75°	189.1	186.7	183.7	176.3	161.8	145.6	129.8	111.8	91.2	71.6	56.1
-77.5°	149.0	148.0	145.9	140.7	128.1	114.9	101.1	86.0	70.3	56.9	44.1
-80°	110.3	110.2	109.2	106.1	95.3	84.1	74.4	64.8	53.3	42.3	31.9
-82.5°	72.6	73.6	74.1	73.1	65.8	58.7	51.7	44.9	36.0	27.5	21.3
-85°	41.4	42.2	42.4	41.9	37.4	33.1	30.2	27.2	22.5	18.2	14.3
-87.5°	17.2	18.2	18.9	19.4	18.0	16.5	15.1	13.6	11.3	9.1	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-SA4C-750-U-WR-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°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
85°	0.8	0.7	0.6	0.4	0.3	0.1	0.0
82.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
80°	1.6	1.4	1.1	0.8	0.6	0.3	0.0
77.5°	1.6	1.6	1.4	1.0	0.7	0.3	0.0
75°	1.6	1.6	1.6	1.2	0.8	0.4	0.0
72.5°	1.6	1.6	1.6	1.4	1.0	0.5	0.0
70°	1.6	1.6	1.6	1.6	1.1	0.5	0.0
67.5°	1.7	1.6	1.6	1.6	1.2	0.6	0.0
65°	1.9	1.8	1.6	1.6	1.4	0.7	0.0
62.5°	2.2	2.2	1.6	1.6	1.5	0.7	0.0
60°	2.5	2.6	1.6	1.6	1.6	0.8	0.0
57.5°	4.4	3.1	2.1	1.6	1.6	0.9	0.0
55°	6.7	3.6	2.6	1.6	1.6	0.9	0.0
52.5°	9.3	4.5	3.1	1.6	1.7	1.0	0.0
50°	12.3	7.3	3.6	1.6	1.7	1.0	0.0
47.5°	16.4	10.3	4.2	1.7	1.7	1.1	0.0
45°	25.1	13.4	4.8	2.2	1.8	1.1	0.0
42.5°	33.8	16.8	5.4	2.6	1.8	1.2	0.0
40°	42.5	20.3	7.1	3.2	1.9	1.2	0.0
37.5°	51.1	24.0	9.8	3.9	2.0	1.3	0.0
35°	59.6	29.9	12.6	4.7	2.0	1.3	0.0
32.5°	68.6	36.6	15.5	5.5	2.1	1.3	0.0
30°	78.7	43.1	18.3	6.3	2.2	1.4	0.0
27.5°	88.5	49.5	21.6	7.3	2.3	1.4	0.0
25°	98.0	55.7	24.8	8.2	2.3	1.5	0.0
22.5°	107.0	61.6	28.0	9.2	2.4	1.5	0.0
20°	115.6	67.4	31.0	10.2	2.5	1.5	0.0
17.5°	123.6	72.9	34.0	11.3	2.6	1.5	0.0
15°	130.9	78.0	36.8	12.3	2.7	1.5	0.0
12.5°	137.6	82.7	39.4	13.3	2.8	1.6	0.0
10°	143.7	87.1	42.0	14.3	2.9	1.6	0.0
7.5°	149.2	91.0	44.3	15.2	3.0	1.6	0.0
5°	153.9	94.5	46.4	16.2	3.0	1.6	0.0
2.5°	158.0	97.5	48.3	17.0	3.1	1.6	0.0
0°	161.4	100.1	50.0	17.8	3.2	1.6	0.0
-2.5°	165.8	103.2	52.3	18.9	3.7	1.7	0.0
-5°	169.4	105.9	54.3	19.9	4.2	1.8	0.0
-7.5°	172.3	108.0	56.0	20.9	4.6	1.9	0.0
-10°	174.4	109.6	57.5	21.7	5.1	2.0	0.0
-12.5°	175.6	110.7	58.5	22.4	5.5	2.1	0.0
-15°	175.9	111.2	59.2	23.0	5.9	2.2	0.0
-17.5°	175.4	111.1	59.6	23.4	6.3	2.2	0.0
-20°	174.9	110.5	59.5	23.7	6.6	2.3	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	175.0	109.3	59.0	23.8	6.9	2.3	0.0
-25°	174.2	108.9	58.1	23.8	7.2	2.4	0.0
-27.5°	172.6	108.4	56.8	23.6	7.4	2.4	0.0
-30°	170.0	107.3	55.1	23.3	7.6	2.4	0.0
-32.5°	166.6	105.4	54.4	22.8	7.7	2.5	0.0
-35°	163.3	102.9	53.3	22.1	7.8	2.5	0.0
-37.5°	159.6	100.2	51.7	21.3	7.8	2.5	0.0
-40°	155.1	97.7	49.6	20.3	7.8	2.4	0.0
-42.5°	149.6	94.6	48.1	19.3	7.7	2.4	0.0
-45°	143.2	91.0	47.2	18.6	7.6	2.4	0.0
-47.5°	136.0	86.6	45.8	17.6	7.4	2.3	0.0
-50°	129.7	81.7	43.8	17.3	7.2	2.2	0.0
-52.5°	122.8	76.2	41.4	17.0	6.9	2.2	0.0
-55°	115.2	71.7	38.6	16.6	6.6	2.1	0.0
-57.5°	106.9	66.9	35.2	15.9	6.3	2.0	0.0
-60°	98.1	61.3	31.6	15.1	5.8	1.9	0.0
-62.5°	89.5	55.2	29.4	14.0	5.5	1.7	0.0
-65°	80.0	48.4	26.9	12.8	5.1	1.6	0.0
-67.5°	69.8	42.4	24.1	11.4	4.7	1.5	0.0
-70°	58.8	37.2	20.9	9.8	4.2	1.3	0.0
-72.5°	50.0	31.5	17.6	8.7	3.8	1.2	0.0
-75°	41.1	25.6	14.0	7.6	3.3	1.0	0.0
-77.5°	31.7	19.3	11.6	6.4	2.8	0.9	0.0
-80°	21.9	14.7	9.4	5.2	2.2	0.7	0.0
-82.5°	16.1	11.2	7.1	3.9	1.7	0.5	0.0
-85°	10.8	7.5	4.8	2.6	1.1	0.4	0.0
-87.5°	5.4	3.8	2.4	1.3	0.6	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)