

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



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P645373 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2C-735-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645373 (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: 5/4/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2C-735-U-LAM-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (32) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

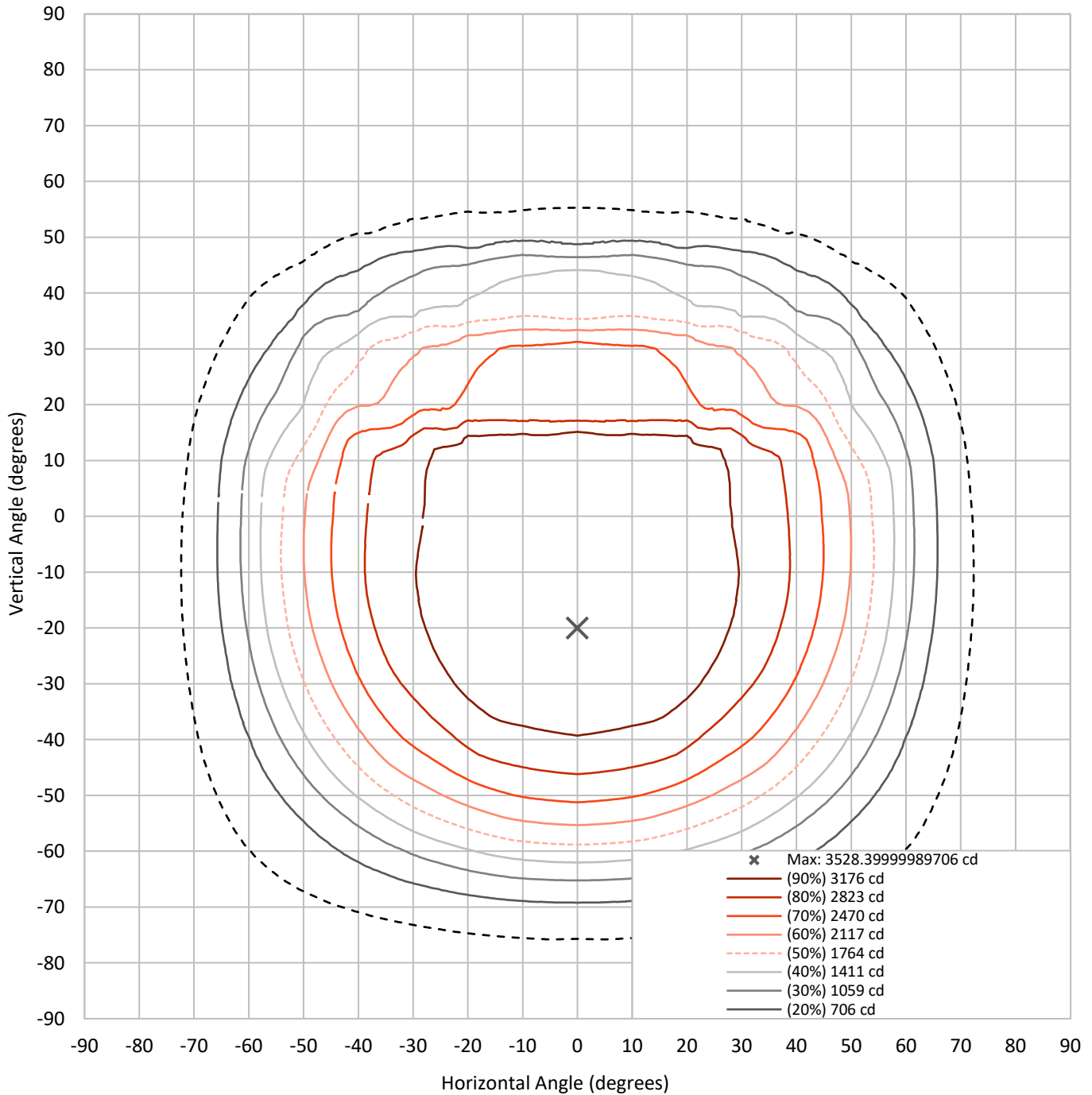
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	8273.4 lumens	Max Intensity:	3528.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	100.2 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:	6467.6 lumens	Field Lumens:	8109.1 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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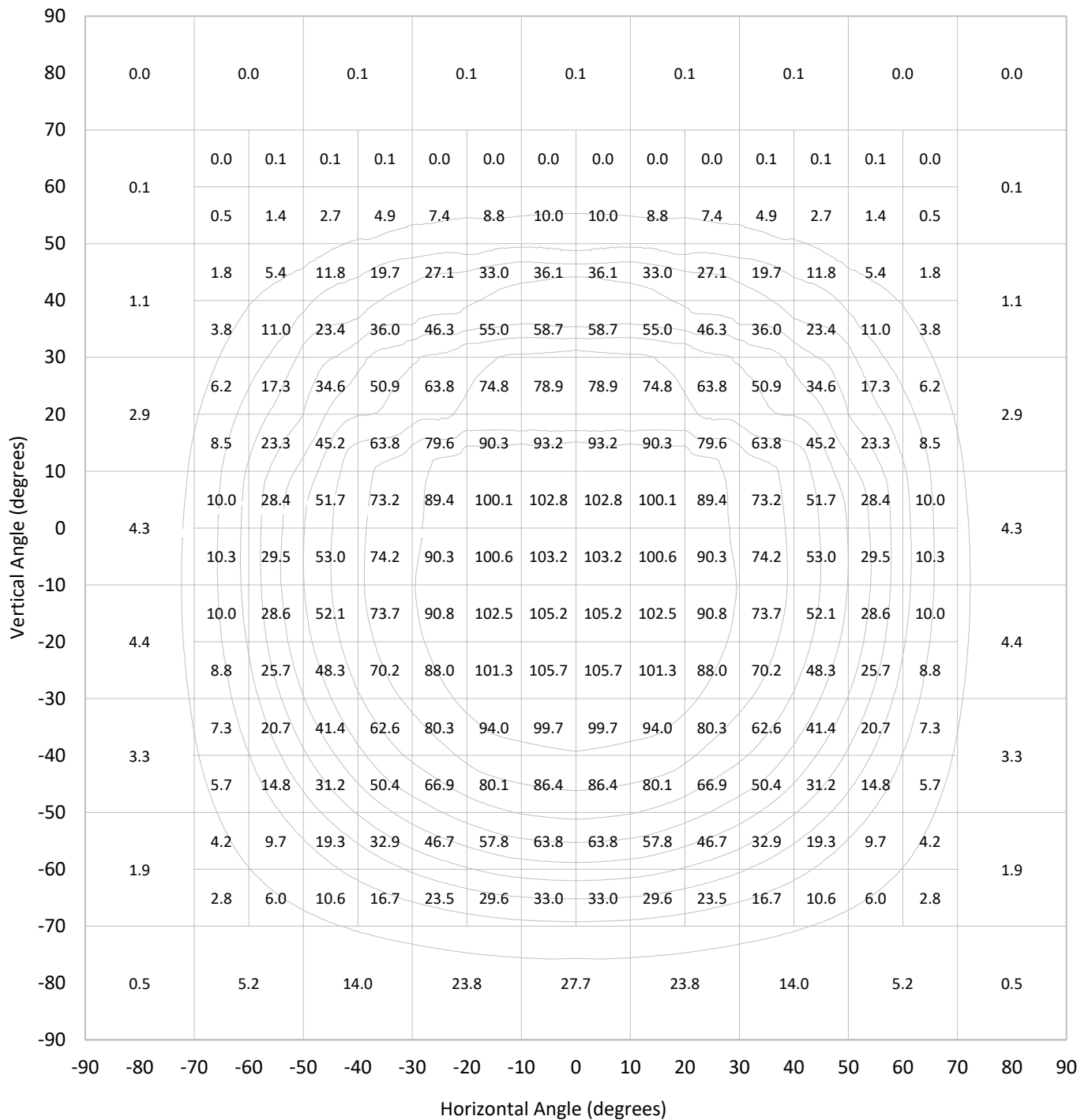
Iso-Candela Plot





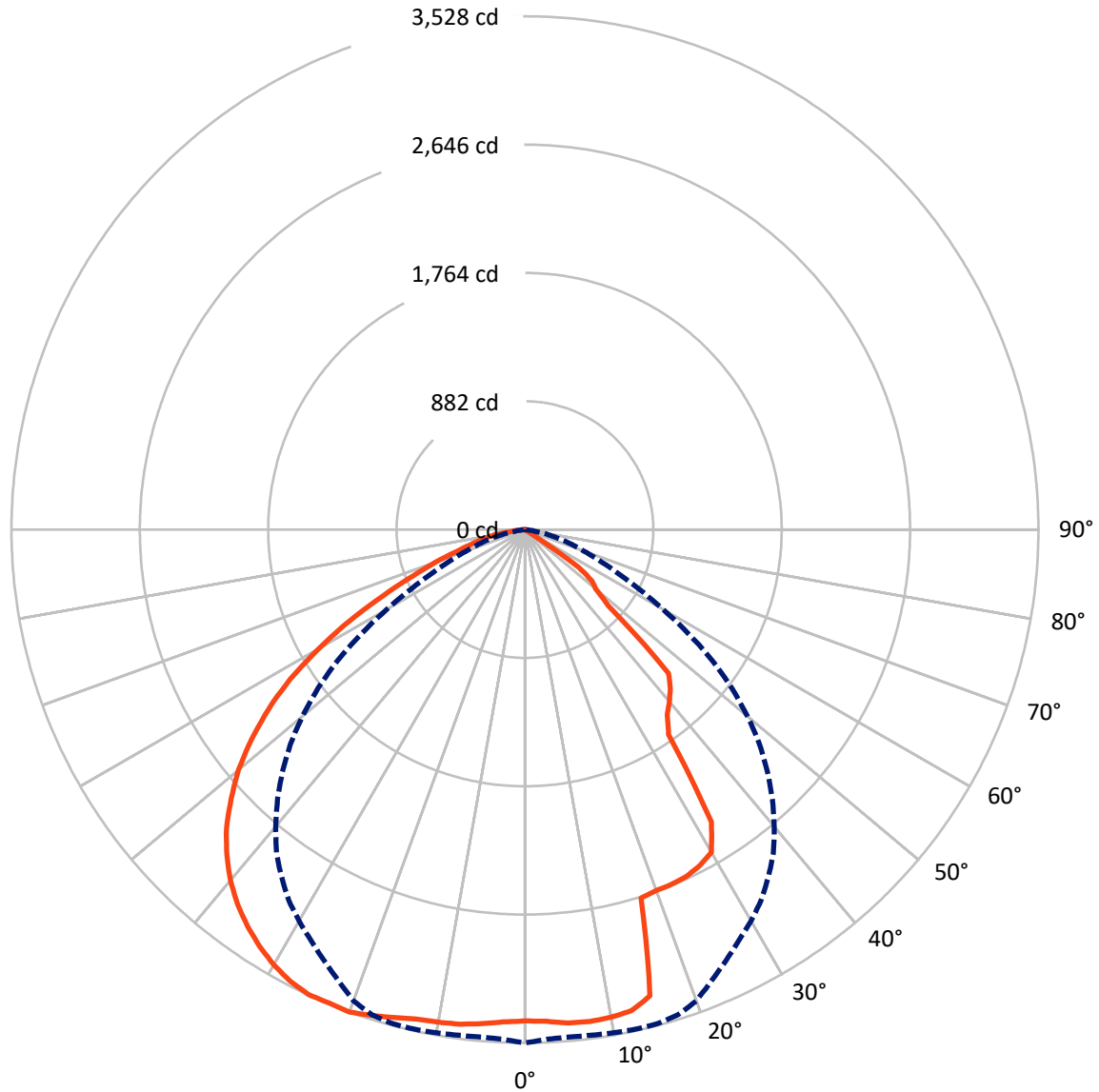
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Lumen Table



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Luminous Intensity Polar Plot

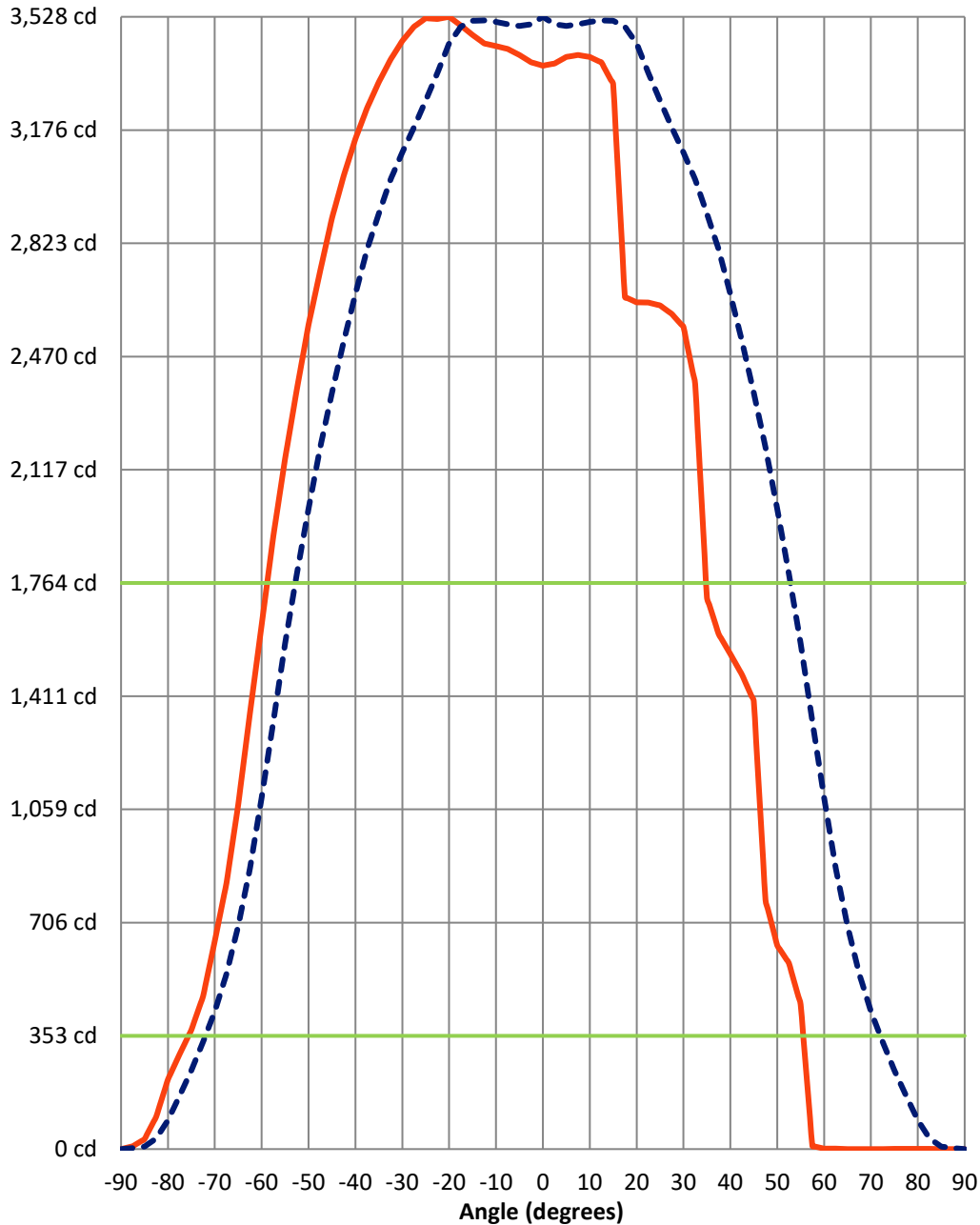


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through -20-Deg



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Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 6467.6
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 8109.1
 Efficiency: 98.0%

Spill:
 Lumens: 164.3
 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	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.3
85°	0.0	0.2	0.3	0.4	0.5	0.6	0.8	0.8	0.8	0.7	0.7
82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.2	1.2	1.0	0.8
80°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.3	1.2	1.0	0.8
77.5°	0.0	0.4	0.7	1.0	1.3	1.5	1.5	1.4	1.2	1.0	0.8
75°	0.0	0.5	0.8	1.2	1.5	1.6	1.5	1.4	1.2	1.0	0.9
72.5°	0.0	0.6	0.9	1.3	1.6	1.6	1.5	1.4	1.2	1.0	0.9
70°	0.0	0.7	1.1	1.5	1.7	1.7	1.6	1.4	1.2	1.1	1.2
67.5°	0.0	0.7	1.2	1.6	1.7	1.7	1.8	1.4	1.3	1.7	1.7
65°	0.0	0.8	1.3	1.7	1.8	2.0	2.0	1.4	2.0	2.4	2.9
62.5°	0.0	0.9	1.5	1.8	1.9	2.5	2.4	2.0	2.8	4.1	6.6
60°	0.0	1.0	1.6	1.8	2.0	3.0	2.8	2.8	3.6	10.4	11.4
57.5°	0.0	1.1	1.7	1.9	2.6	3.6	5.1	4.0	10.2	17.8	20.6
55°	0.0	1.1	1.8	2.0	3.2	4.3	8.2	6.5	19.0	27.4	33.4
52.5°	0.0	1.2	1.9	2.1	3.9	5.5	11.8	16.5	28.5	43.0	48.5
50°	0.0	1.3	2.0	2.2	4.6	9.4	15.9	27.9	40.8	60.4	75.7
47.5°	0.0	1.4	2.1	2.4	5.3	13.5	21.4	39.8	58.7	79.5	103.5
45°	0.0	1.4	2.1	3.0	6.0	18.0	32.2	52.3	78.9	103.6	130.6
42.5°	0.0	1.5	2.2	3.5	6.8	22.7	43.4	68.1	99.3	127.1	161.7
40°	0.0	1.6	2.3	4.3	9.1	27.7	54.7	86.1	120.4	150.2	195.1
37.5°	0.0	1.6	2.4	5.2	13.1	33.0	66.3	104.1	142.5	177.9	230.0
35°	0.0	1.7	2.5	6.2	17.1	41.0	78.1	122.2	165.0	211.9	271.1
32.5°	0.0	1.8	2.6	7.3	21.1	50.3	90.9	140.2	187.8	246.1	321.2
30°	0.0	1.8	2.7	8.5	25.2	59.5	105.5	158.3	210.7	280.4	369.3
27.5°	0.0	1.9	2.8	9.7	30.2	68.6	119.8	177.2	236.0	314.6	415.2
25°	0.0	1.9	2.9	11.1	35.4	77.6	133.7	195.9	264.4	352.0	459.0
22.5°	0.0	2.0	3.0	12.5	40.5	86.7	147.3	214.3	292.3	389.4	503.3
20°	0.0	2.0	3.1	13.9	45.6	96.5	160.4	232.3	319.5	424.7	546.6
17.5°	0.0	2.1	3.2	15.4	50.6	106.0	173.4	249.8	345.8	457.8	588.5
15°	0.0	2.1	3.3	16.9	55.5	115.1	185.9	266.0	371.1	488.7	628.7
12.5°	0.0	2.2	3.4	18.3	60.2	123.8	197.5	280.5	391.2	517.2	667.0
10°	0.0	2.2	3.5	19.8	64.7	132.0	208.3	293.9	406.3	534.4	698.2
7.5°	0.0	2.2	3.6	21.2	68.9	139.7	218.3	306.0	419.1	547.7	716.4
5°	0.0	2.3	3.7	22.5	72.9	146.8	227.3	317.0	429.7	558.4	731.2
2.5°	0.0	2.3	3.7	23.7	76.5	153.2	235.4	326.7	438.4	566.7	742.5
0°	0.0	2.3	3.8	24.9	79.8	158.9	242.6	335.2	445.2	572.5	750.3
-2.5°	0.0	2.4	4.4	26.5	82.8	162.5	246.1	340.1	447.6	579.9	755.3
-5°	0.0	2.6	5.0	28.0	85.4	165.4	248.7	343.8	448.5	584.7	756.9
-7.5°	0.0	2.7	5.5	29.3	87.6	167.5	250.4	346.0	447.9	586.6	755.2
-10°	0.0	2.8	6.1	30.5	89.2	168.8	251.1	346.9	445.9	585.5	750.4
-12.5°	0.0	2.9	6.6	31.5	90.2	169.3	251.0	346.3	442.9	580.7	742.2
-15°	0.0	3.0	7.1	32.2	90.8	169.1	250.0	344.3	439.4	571.5	730.3
-17.5°	0.0	3.1	7.5	32.8	90.7	168.1	248.2	340.1	435.1	560.0	714.7
-20°	0.0	3.1	7.9	33.1	90.1	166.3	245.3	334.2	429.0	546.3	695.5

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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	3.2	8.3	33.2	88.8	163.8	241.2	327.1	421.1	530.5	672.8
-25°	0.0	3.2	8.6	33.1	86.9	159.8	236.2	318.8	411.3	512.7	646.4
-27.5°	0.0	3.3	8.9	32.7	84.4	154.9	230.2	309.4	399.6	495.5	623.1
-30°	0.0	3.3	9.2	32.0	81.2	149.4	223.2	298.9	386.8	480.9	598.1
-32.5°	0.0	3.3	9.3	31.0	77.5	143.1	215.4	289.3	373.3	464.1	571.4
-35°	0.0	3.3	9.5	29.8	73.4	136.2	206.8	279.1	358.7	445.0	543.1
-37.5°	0.0	3.3	9.5	28.3	68.9	129.3	197.7	267.8	343.0	423.6	515.2
-40°	0.0	3.2	9.5	26.6	64.0	123.0	187.8	255.5	326.4	403.4	487.6
-42.5°	0.0	3.2	9.5	24.6	60.2	116.3	177.3	242.1	310.3	382.2	457.8
-45°	0.0	3.1	9.4	22.7	57.7	109.1	166.1	228.3	293.8	359.5	427.0
-47.5°	0.0	3.0	9.2	20.5	54.7	101.6	154.2	214.5	276.1	335.6	400.4
-50°	0.0	3.0	9.0	19.8	51.2	93.6	144.3	200.0	256.6	313.8	372.5
-52.5°	0.0	2.8	8.7	19.4	47.3	85.2	134.4	184.8	237.9	291.3	343.8
-55°	0.0	2.7	8.3	18.8	43.0	78.9	124.1	169.5	219.2	268.2	318.4
-57.5°	0.0	2.6	7.9	18.0	38.2	72.5	113.5	157.3	199.8	246.0	292.5
-60°	0.0	2.4	7.5	16.9	33.2	65.5	102.6	143.8	180.5	223.6	266.5
-62.5°	0.0	2.3	7.0	15.7	30.9	57.9	92.7	129.2	162.5	200.6	241.1
-65°	0.0	2.1	6.5	14.4	28.2	49.8	82.1	114.0	143.5	177.5	215.1
-67.5°	0.0	1.9	6.0	12.8	25.2	43.1	70.8	98.9	123.6	153.4	187.0
-70°	0.0	1.8	5.4	11.1	21.9	37.7	58.9	83.4	105.6	128.2	157.1
-72.5°	0.0	1.6	4.8	9.8	18.4	31.9	49.8	67.6	87.3	107.4	127.6
-75°	0.0	1.3	4.2	8.5	14.6	25.8	40.7	54.5	68.7	86.2	103.9
-77.5°	0.0	1.1	3.5	7.2	12.1	19.3	31.2	42.1	53.5	65.8	79.8
-80°	0.0	0.9	2.8	5.8	9.8	14.7	21.3	29.5	38.3	47.8	58.0
-82.5°	0.0	0.7	2.2	4.4	7.4	11.1	15.6	18.9	22.9	29.6	36.9
-85°	0.0	0.5	1.4	2.9	4.9	7.5	10.5	12.6	14.9	17.3	19.7
-87.5°	0.0	0.2	0.7	1.5	2.5	3.7	5.2	6.3	7.5	8.7	9.9
-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: P645373 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-735-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°	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6
85°	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
80°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
77.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
72.5°	0.9	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8
70°	1.2	1.2	1.1	0.9	0.8	0.8	0.9	0.9	0.8	0.8	0.8
67.5°	1.5	1.3	1.1	1.1	1.1	1.2	1.1	1.0	0.8	0.8	0.8
65°	1.5	1.3	1.9	2.1	1.6	1.3	1.2	1.0	1.1	1.1	1.1
62.5°	2.2	2.8	3.6	6.4	4.8	1.4	2.5	2.9	2.1	1.8	1.9
60°	7.4	5.0	14.9	21.3	13.3	4.8	5.9	19.7	17.1	3.1	10.6
57.5°	15.5	21.2	39.1	39.8	27.5	19.0	55.2	63.8	48.3	28.2	43.1
55°	34.1	52.3	64.8	60.0	65.5	99.2	117.9	105.9	89.2	137.2	175.3
52.5°	66.5	85.2	89.4	102.6	146.9	168.8	161.8	173.0	224.4	278.7	290.4
50°	98.2	113.4	125.3	181.2	215.9	218.1	234.2	285.1	353.6	386.8	378.8
47.5°	128.8	144.6	200.0	253.7	269.3	290.6	330.9	429.1	501.6	503.0	494.8
45°	161.2	203.4	274.1	309.1	334.4	375.7	472.8	608.3	615.3	635.0	756.1
42.5°	195.8	269.8	331.5	368.0	408.7	485.7	615.3	704.2	734.8	821.0	918.3
40°	252.0	333.9	387.8	434.4	486.9	599.2	741.2	824.4	849.3	923.9	997.1
37.5°	308.9	387.5	447.9	504.0	576.8	728.3	892.6	961.3	973.9	987.5	1149.7
35°	363.7	442.4	514.7	588.2	677.4	895.6	1039.2	1103.8	1101.8	1193.9	1363.7
32.5°	415.0	498.6	583.8	682.2	829.3	1052.9	1196.5	1235.2	1293.9	1427.9	1659.6
30°	466.2	561.2	659.1	776.3	962.7	1156.4	1320.4	1382.7	1483.2	1636.0	1804.7
27.5°	518.9	625.4	743.8	881.1	1067.9	1246.0	1386.1	1534.8	1632.4	1769.4	1889.4
25°	571.4	693.3	827.5	972.8	1143.1	1309.1	1454.1	1625.7	1730.5	1840.9	1952.9
22.5°	626.5	762.2	913.8	1045.4	1206.6	1362.8	1535.3	1721.5	1857.7	1928.0	2003.1
20°	684.0	836.8	998.4	1144.2	1269.2	1412.6	1616.9	1843.1	2019.0	2098.0	2108.3
17.5°	740.7	909.1	1082.8	1240.7	1375.4	1503.1	1702.6	1988.8	2207.5	2281.0	2313.6
15°	796.1	978.6	1166.7	1334.5	1482.4	1638.6	1851.6	2142.6	2392.7	2474.0	2525.4
12.5°	849.5	1044.9	1249.3	1425.3	1589.5	1764.7	1986.9	2253.3	2481.6	2638.8	2733.1
10°	900.4	1107.4	1329.4	1512.4	1695.4	1881.7	2098.8	2335.8	2521.6	2673.2	2807.1
7.5°	926.1	1148.3	1398.3	1595.3	1798.6	1989.7	2190.5	2393.9	2550.4	2699.1	2828.5
5°	943.5	1165.1	1419.8	1624.2	1853.5	2061.9	2256.8	2432.1	2569.3	2716.6	2843.0
2.5°	956.0	1176.0	1434.3	1640.0	1874.1	2084.1	2275.9	2444.9	2584.8	2729.2	2858.6
0°	963.5	1181.1	1441.8	1649.7	1887.0	2098.7	2287.0	2449.7	2595.1	2735.2	2874.5
-2.5°	967.8	1196.9	1446.8	1674.7	1899.5	2111.2	2302.5	2461.3	2613.3	2746.6	2886.2
-5°	967.2	1206.3	1445.5	1691.5	1905.4	2116.1	2310.3	2466.6	2623.1	2755.1	2891.0
-7.5°	962.0	1208.5	1438.9	1696.7	1905.7	2114.5	2306.9	2469.1	2622.9	2762.9	2891.5
-10°	952.6	1200.0	1432.9	1683.1	1898.3	2105.9	2296.4	2463.6	2616.8	2761.3	2889.0
-12.5°	941.5	1182.4	1420.4	1663.6	1883.5	2089.9	2280.6	2449.5	2605.3	2749.5	2883.2
-15°	925.0	1159.0	1399.7	1638.7	1860.9	2066.5	2260.1	2426.4	2587.7	2728.9	2866.1
-17.5°	902.7	1130.0	1370.6	1609.1	1830.4	2036.1	2233.7	2396.1	2556.5	2702.4	2834.9
-20°	874.6	1095.6	1332.9	1575.6	1791.8	1995.3	2186.7	2356.7	2516.2	2664.5	2803.7



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 CATALOG NUMBER: GFLD-SA2C-735-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	840.7	1056.0	1287.5	1530.2	1743.6	1944.8	2133.9	2306.6	2471.8	2615.4	2763.7
-25°	806.7	1014.2	1237.3	1467.5	1687.5	1887.9	2077.5	2245.8	2414.7	2564.0	2704.9
-27.5°	774.2	965.8	1179.0	1398.4	1624.0	1823.5	2011.4	2179.7	2343.7	2506.9	2642.6
-30°	737.7	909.7	1115.1	1324.7	1544.6	1747.7	1937.1	2111.7	2267.7	2428.9	2574.6
-32.5°	697.4	850.2	1047.7	1249.3	1456.6	1664.1	1851.8	2025.3	2187.6	2340.0	2492.9
-35°	658.0	802.1	976.2	1168.3	1363.4	1567.0	1754.8	1926.6	2095.0	2246.0	2392.2
-37.5°	622.5	750.1	900.2	1083.7	1270.1	1462.7	1653.7	1820.0	1980.3	2146.3	2288.8
-40°	584.2	694.2	834.4	996.6	1172.3	1355.5	1538.3	1710.4	1861.0	2025.1	2181.8
-42.5°	544.0	648.7	769.4	904.3	1070.2	1242.9	1419.4	1587.7	1744.2	1899.0	2054.3
-45°	508.8	600.5	703.3	826.6	961.7	1124.1	1291.2	1459.0	1609.2	1756.7	1910.0
-47.5°	471.4	552.1	647.2	745.6	863.0	998.8	1156.0	1310.8	1464.5	1604.8	1740.5
-50°	434.1	508.5	586.6	675.2	772.1	882.2	1012.8	1156.6	1297.0	1441.1	1575.6
-52.5°	402.0	462.7	533.3	607.2	690.1	781.2	885.8	1004.0	1131.7	1253.9	1388.1
-55°	368.7	423.4	480.4	545.5	614.5	691.3	777.1	876.4	973.8	1086.9	1196.4
-57.5°	338.3	384.4	433.0	486.8	546.7	608.2	683.2	760.4	848.8	936.7	1023.4
-60°	309.6	347.3	388.6	434.1	482.3	537.0	592.9	659.3	730.5	800.7	874.2
-62.5°	280.7	312.4	346.1	383.9	425.9	467.3	515.0	566.1	618.5	678.0	736.0
-65°	251.0	276.7	305.2	336.5	370.0	405.3	442.0	479.9	524.4	568.0	610.1
-67.5°	219.5	241.4	264.5	289.2	317.3	345.0	372.6	404.6	437.4	469.7	503.1
-70°	184.5	205.2	224.4	244.4	265.3	287.0	310.6	334.1	357.2	381.4	408.2
-72.5°	149.0	168.0	184.9	199.7	216.9	234.9	252.1	268.5	286.0	304.4	322.6
-75°	118.8	131.4	146.5	160.3	173.9	186.6	198.0	211.9	226.5	239.8	250.8
-77.5°	92.8	104.2	114.5	123.8	134.6	147.3	158.4	167.9	177.2	187.2	197.9
-80°	67.5	77.0	86.4	94.9	101.2	108.4	116.9	126.6	135.0	141.8	148.1
-82.5°	43.6	50.4	57.4	64.5	67.4	69.4	71.3	74.6	79.8	85.0	89.9
-85°	21.7	23.7	28.0	32.3	33.9	34.9	35.7	36.1	37.8	39.4	40.9
-87.5°	10.9	11.9	12.9	13.8	13.3	12.6	11.7	10.7	10.4	10.1	9.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645373 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-735-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°	0.7	0.7	0.7	0.7	0.7	0.6	0.4	0.2	0.0	0.0	0.0
85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.6	0.4
82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
80°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
77.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
72.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
70°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
67.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.5
65°	1.1	1.1	1.1	1.1	1.0	0.9	1.0	0.9	0.9	0.7	0.5
62.5°	1.9	2.1	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.3	1.3
60°	11.8	7.0	4.1	4.8	4.3	2.9	3.6	4.3	4.3	3.9	3.5
57.5°	65.5	48.9	36.2	86.4	86.7	41.4	49.8	78.3	64.5	21.2	19.7
55°	182.1	217.9	286.8	272.4	276.8	318.3	347.6	307.7	301.7	321.5	371.4
52.5°	327.2	361.3	384.5	406.1	432.5	460.9	490.1	508.7	526.0	544.5	555.5
50°	417.9	465.9	498.8	486.7	555.0	582.9	554.5	579.9	610.8	619.2	623.2
47.5°	617.1	687.4	701.4	746.7	787.4	786.6	752.0	754.0	846.0	927.1	967.0
45°	886.8	889.2	933.4	1013.5	1070.7	1052.6	1100.9	1210.6	1247.2	1282.5	1311.5
42.5°	991.9	1035.4	1106.0	1176.8	1219.4	1256.4	1292.1	1332.5	1379.9	1418.4	1449.2
40°	1093.6	1128.7	1201.0	1258.0	1293.3	1327.8	1369.5	1414.2	1457.6	1491.4	1514.5
37.5°	1250.3	1277.4	1295.0	1347.9	1414.7	1383.9	1463.0	1519.6	1545.5	1579.8	1582.9
35°	1487.2	1469.1	1445.6	1656.2	1668.8	1597.7	1671.6	1759.4	1713.2	1809.6	1861.4
32.5°	1697.2	1694.5	1878.3	1989.0	1925.3	1977.3	2147.7	2140.2	2253.7	2306.4	2291.4
30°	1895.1	1962.6	2068.9	2151.4	2162.4	2244.4	2320.1	2386.4	2454.9	2516.4	2520.6
27.5°	1995.6	2083.7	2155.8	2203.6	2256.8	2325.8	2394.5	2469.1	2527.4	2565.9	2575.3
25°	2056.3	2146.3	2201.0	2252.3	2311.1	2370.6	2447.5	2528.8	2575.6	2599.4	2607.0
22.5°	2109.9	2190.8	2249.5	2291.2	2354.5	2418.5	2490.2	2559.0	2609.9	2620.2	2624.0
20°	2161.5	2239.2	2337.3	2398.7	2395.6	2467.7	2536.8	2591.6	2634.0	2633.7	2634.7
17.5°	2310.6	2338.4	2516.5	2651.6	2584.7	2549.4	2739.3	2743.0	2754.2	2731.8	2683.2
15°	2531.5	2582.0	2800.8	2947.3	2901.2	2898.8	3173.1	3105.1	3163.7	3148.3	3214.2
12.5°	2765.5	2825.3	2988.7	3132.6	3201.2	3218.1	3309.7	3395.6	3413.2	3406.3	3393.3
10°	2924.9	3010.1	3075.7	3163.1	3232.3	3302.8	3355.9	3417.5	3437.7	3426.1	3409.6
7.5°	2945.7	3029.9	3106.9	3183.6	3249.5	3306.3	3361.4	3411.6	3432.1	3425.3	3414.0
5°	2958.9	3035.1	3109.8	3187.6	3250.6	3303.3	3358.1	3409.0	3421.1	3413.0	3401.9
2.5°	2967.0	3037.6	3109.6	3187.1	3244.3	3294.4	3349.9	3404.2	3404.1	3400.5	3394.1
0°	2971.0	3041.8	3125.4	3195.4	3259.5	3306.9	3361.9	3414.6	3410.9	3401.1	3389.8
-2.5°	2979.4	3051.2	3136.5	3194.5	3266.7	3310.2	3367.0	3412.7	3411.0	3406.1	3400.5
-5°	2987.0	3067.6	3147.5	3208.5	3280.9	3337.7	3394.2	3429.9	3431.9	3425.1	3415.7
-7.5°	2991.6	3081.0	3157.2	3218.5	3288.7	3354.8	3412.1	3449.5	3450.4	3441.4	3430.2
-10°	2990.1	3084.5	3162.9	3226.2	3298.1	3363.4	3423.3	3470.8	3469.2	3460.7	3451.2
-12.5°	2984.4	3078.7	3159.2	3222.8	3304.4	3371.6	3439.0	3486.2	3488.8	3482.4	3472.0
-15°	2972.0	3069.3	3147.7	3217.1	3297.0	3375.6	3444.9	3497.0	3506.3	3501.1	3492.9
-17.5°	2947.4	3050.2	3133.2	3208.1	3284.8	3368.5	3447.3	3504.3	3517.0	3514.9	3508.1
-20°	2915.2	3021.2	3105.5	3183.9	3267.5	3353.7	3445.4	3497.5	3516.0	3517.1	3512.5

Classified

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

Scaled Data Report



REPORT NUMBER: P645373 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2C-735-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2879.0	2982.8	3072.3	3149.3	3239.9	3327.2	3410.2	3471.2	3502.2	3508.0	3508.4
-25°	2835.7	2942.3	3031.2	3113.2	3197.5	3287.6	3371.5	3439.6	3471.1	3486.1	3490.8
-27.5°	2774.4	2884.6	2972.1	3058.8	3144.5	3237.6	3325.7	3399.8	3425.4	3446.0	3454.3
-30°	2702.5	2811.6	2900.8	2980.0	3078.1	3173.1	3264.0	3328.6	3367.2	3390.8	3403.7
-32.5°	2620.0	2730.1	2823.7	2906.4	2999.6	3094.6	3180.2	3248.3	3301.4	3328.7	3342.5
-35°	2530.4	2642.8	2740.8	2828.0	2915.8	3006.3	3094.9	3166.2	3226.8	3250.2	3267.5
-37.5°	2422.4	2546.4	2646.9	2736.8	2820.2	2905.3	2997.6	3079.1	3137.9	3160.6	3178.8
-40°	2311.7	2431.5	2532.8	2628.7	2711.2	2804.1	2893.1	2978.5	3029.5	3056.0	3076.6
-42.5°	2194.7	2303.0	2399.3	2492.5	2584.3	2680.0	2768.9	2857.7	2901.8	2933.7	2959.0
-45°	2059.8	2160.5	2254.1	2341.4	2436.0	2530.0	2619.0	2697.5	2750.0	2791.5	2823.8
-47.5°	1879.9	2002.6	2096.6	2179.5	2273.3	2364.0	2450.2	2524.0	2581.6	2630.2	2667.8
-50°	1697.1	1814.9	1920.9	2014.1	2101.2	2185.0	2267.1	2339.2	2400.2	2452.9	2490.9
-52.5°	1517.2	1627.5	1732.7	1828.9	1912.6	1991.8	2066.8	2139.4	2203.7	2260.1	2296.9
-55°	1313.8	1428.1	1532.2	1621.9	1705.5	1783.8	1857.9	1926.7	1990.0	2047.4	2082.6
-57.5°	1123.1	1223.3	1320.1	1403.0	1481.9	1556.4	1626.7	1692.6	1753.5	1807.5	1841.5
-60°	947.7	1020.8	1104.1	1180.6	1250.6	1314.0	1379.6	1441.0	1497.0	1544.4	1576.1
-62.5°	792.8	853.3	913.5	971.6	1028.4	1085.4	1140.2	1191.2	1237.9	1276.8	1304.6
-65°	654.6	703.3	746.8	788.1	827.3	872.3	914.1	953.3	989.6	1019.4	1040.5
-67.5°	539.1	573.3	603.3	631.6	662.6	694.4	724.1	750.1	772.3	790.0	804.0
-70°	434.7	459.9	482.6	505.1	527.7	548.4	568.1	587.2	605.3	620.1	631.2
-72.5°	340.5	357.7	373.1	390.5	406.7	422.4	436.1	447.1	455.6	463.9	471.2
-75°	259.6	272.5	289.9	304.6	316.8	327.5	337.4	346.2	353.9	360.7	366.7
-77.5°	208.7	219.7	230.8	241.5	251.9	259.6	266.8	274.0	281.0	287.1	292.4
-80°	154.7	162.9	171.4	180.1	188.7	192.9	196.3	199.5	202.3	205.9	209.3
-82.5°	94.6	99.2	104.0	108.8	113.7	114.9	115.3	115.1	114.5	113.2	111.2
-85°	42.1	42.3	42.2	41.7	40.9	39.3	37.2	34.9	32.2	31.8	31.3
-87.5°	9.3	9.0	8.8	8.5	8.2	8.2	8.1	8.1	8.0	8.3	8.5
-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: P645373 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-735-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	0.2
85°	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.6	0.7	0.7
82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
80°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
77.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
72.5°	0.8	0.8	0.4	0.0	0.4	0.8	0.8	0.8	0.8	0.8	0.8
70°	0.8	0.8	0.4	0.0	0.4	0.8	0.8	0.8	0.8	0.8	0.8
67.5°	0.3	0.1	0.0	0.0	0.0	0.1	0.3	0.5	0.7	0.8	0.8
65°	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.7	0.9	0.9
62.5°	1.4	1.4	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.4	1.5
60°	2.7	1.8	1.5	1.5	1.5	1.8	2.7	3.5	3.9	4.3	4.3
57.5°	16.6	12.4	10.6	9.8	10.6	12.4	16.6	19.7	21.2	64.5	78.3
55°	407.1	427.8	443.3	450.5	443.3	427.8	407.1	371.4	321.5	301.7	307.7
52.5°	565.2	574.2	579.4	579.3	579.4	574.2	565.2	555.5	544.5	526.0	508.7
50°	630.0	634.4	635.9	635.0	635.9	634.4	630.0	623.2	619.2	610.8	579.9
47.5°	930.6	850.0	790.8	776.6	790.8	850.0	930.6	967.0	927.1	846.0	754.0
45°	1325.4	1355.9	1386.4	1395.8	1386.4	1355.9	1325.4	1311.5	1282.5	1247.2	1210.6
42.5°	1462.1	1472.1	1477.7	1477.9	1477.7	1472.1	1462.1	1449.2	1418.4	1379.9	1332.5
40°	1527.4	1536.7	1542.2	1542.7	1542.2	1536.7	1527.4	1514.5	1491.4	1457.6	1414.2
37.5°	1586.6	1594.6	1599.9	1605.2	1599.9	1594.6	1586.6	1582.9	1579.8	1545.5	1519.6
35°	1854.4	1793.7	1706.5	1719.7	1706.5	1793.7	1854.4	1861.4	1809.6	1713.2	1759.4
32.5°	2314.8	2340.4	2356.3	2383.4	2356.3	2340.4	2314.8	2291.4	2306.4	2253.7	2140.2
30°	2527.3	2535.7	2548.5	2561.9	2548.5	2535.7	2527.3	2520.6	2516.4	2454.9	2386.4
27.5°	2580.3	2589.0	2596.8	2602.6	2596.8	2589.0	2580.3	2575.3	2565.9	2527.4	2469.1
25°	2608.1	2613.5	2621.7	2629.0	2621.7	2613.5	2608.1	2607.0	2599.4	2575.6	2528.8
22.5°	2621.9	2622.4	2628.9	2638.0	2628.9	2622.4	2621.9	2624.0	2620.2	2609.9	2559.0
20°	2631.3	2626.2	2632.8	2638.8	2632.8	2626.2	2631.3	2634.7	2633.7	2634.0	2591.6
17.5°	2751.7	2683.0	2654.8	2655.3	2654.8	2683.0	2751.7	2683.2	2731.8	2754.2	2743.0
15°	3140.3	3166.0	3264.8	3318.2	3264.8	3166.0	3140.3	3214.2	3148.3	3163.7	3105.1
12.5°	3391.0	3381.8	3370.0	3386.0	3370.0	3381.8	3391.0	3393.3	3406.3	3413.2	3395.6
10°	3402.6	3401.5	3380.6	3403.3	3380.6	3401.5	3402.6	3409.6	3426.1	3437.7	3417.5
7.5°	3395.4	3396.1	3387.2	3409.4	3387.2	3396.1	3395.4	3414.0	3425.3	3432.1	3411.6
5°	3400.1	3384.8	3390.6	3403.3	3390.6	3384.8	3400.1	3401.9	3413.0	3421.1	3409.0
2.5°	3387.0	3385.4	3374.1	3383.0	3374.1	3385.4	3387.0	3394.1	3400.5	3404.1	3404.2
0°	3377.0	3368.7	3368.7	3376.2	3368.7	3368.7	3377.0	3389.8	3401.1	3410.9	3414.6
-2.5°	3394.8	3393.0	3392.0	3386.8	3392.0	3393.0	3394.8	3400.5	3406.1	3411.0	3412.7
-5°	3409.4	3405.0	3392.6	3409.4	3392.6	3405.0	3409.4	3415.7	3425.1	3431.9	3429.9
-7.5°	3425.2	3413.8	3402.1	3428.2	3402.1	3413.8	3425.2	3430.2	3441.4	3450.4	3449.5
-10°	3439.5	3423.0	3411.7	3437.2	3411.7	3423.0	3439.5	3451.2	3460.7	3469.2	3470.8
-12.5°	3458.6	3439.2	3431.6	3445.5	3431.6	3439.2	3458.6	3472.0	3482.4	3488.8	3486.2
-15°	3478.9	3465.5	3463.7	3471.9	3463.7	3465.5	3478.9	3492.9	3501.1	3506.3	3497.0
-17.5°	3496.7	3487.3	3491.9	3501.3	3491.9	3487.3	3496.7	3508.1	3514.9	3517.0	3504.3
-20°	3505.2	3500.0	3505.1	3528.4	3505.1	3500.0	3505.2	3512.5	3517.1	3516.0	3497.5



REPORT NUMBER: P645373 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-735-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°	3504.5	3504.8	3514.0	3521.6	3514.0	3504.8	3504.5	3508.4	3508.0	3502.2	3471.2
-25°	3491.1	3498.2	3508.8	3523.9	3508.8	3498.2	3491.1	3490.8	3486.1	3471.1	3439.6
-27.5°	3458.9	3470.5	3481.6	3497.5	3481.6	3470.5	3458.9	3454.3	3446.0	3425.4	3399.8
-30°	3412.3	3426.2	3436.0	3453.1	3436.0	3426.2	3412.3	3403.7	3390.8	3367.2	3328.6
-32.5°	3355.5	3371.2	3382.9	3395.1	3382.9	3371.2	3355.5	3342.5	3328.7	3301.4	3248.3
-35°	3284.5	3301.5	3313.9	3325.0	3313.9	3301.5	3284.5	3267.5	3250.2	3226.8	3166.2
-37.5°	3199.3	3217.6	3231.7	3244.4	3231.7	3217.6	3199.3	3178.8	3160.6	3137.9	3079.1
-40°	3100.0	3118.8	3133.9	3148.0	3133.9	3118.8	3100.0	3076.6	3056.0	3029.5	2978.5
-42.5°	2983.9	3002.9	3018.4	3032.7	3018.4	3002.9	2983.9	2959.0	2933.7	2901.8	2857.7
-45°	2849.8	2869.3	2885.8	2900.9	2885.8	2869.3	2849.8	2823.8	2791.5	2750.0	2697.5
-47.5°	2695.5	2716.3	2730.4	2737.4	2730.4	2716.3	2695.5	2667.8	2630.2	2581.6	2524.0
-50°	2518.4	2539.3	2556.2	2568.7	2556.2	2539.3	2518.4	2490.9	2452.9	2400.2	2339.2
-52.5°	2323.7	2343.5	2358.0	2366.8	2358.0	2343.5	2323.7	2296.9	2260.1	2203.7	2139.4
-55°	2110.4	2131.2	2145.0	2151.4	2145.0	2131.2	2110.4	2082.6	2047.4	1990.0	1926.7
-57.5°	1868.4	1888.1	1902.8	1911.1	1902.8	1888.1	1868.4	1841.5	1807.5	1753.5	1692.6
-60°	1600.8	1618.5	1629.6	1633.9	1629.6	1618.5	1600.8	1576.1	1544.4	1497.0	1441.0
-62.5°	1327.0	1343.7	1354.1	1358.2	1354.1	1343.7	1327.0	1304.6	1276.8	1237.9	1191.2
-65°	1056.3	1066.8	1072.6	1073.4	1072.6	1066.8	1056.3	1040.5	1019.4	989.6	953.3
-67.5°	815.0	822.9	827.8	829.4	827.8	822.9	815.0	804.0	790.0	772.3	750.1
-70°	639.5	645.0	648.1	648.6	648.1	645.0	639.5	631.2	620.1	605.3	587.2
-72.5°	476.7	480.7	479.3	476.1	479.3	480.7	476.7	471.2	463.9	455.6	447.1
-75°	371.9	376.2	374.4	371.4	374.4	376.2	371.9	366.7	360.7	353.9	346.2
-77.5°	297.1	301.0	299.1	296.0	299.1	301.0	297.1	292.4	287.1	281.0	274.0
-80°	212.2	214.5	216.1	216.9	216.1	214.5	212.2	209.3	205.9	202.3	199.5
-82.5°	108.6	105.4	103.4	100.9	103.4	105.4	108.6	111.2	113.2	114.5	115.1
-85°	30.7	29.9	30.5	30.9	30.5	29.9	30.7	31.3	31.8	32.2	34.9
-87.5°	8.7	9.0	9.0	9.0	9.0	9.0	8.7	8.5	8.3	8.0	8.1
-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):

	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°	0.4	0.6	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6
85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
80°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
77.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
72.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
70°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9
67.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.0
65°	1.0	0.9	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0
62.5°	1.5	1.6	1.6	1.7	1.7	2.1	1.9	1.9	1.8	2.1	2.9
60°	3.6	2.9	4.3	4.8	4.1	7.0	11.8	10.6	3.1	17.1	19.7
57.5°	49.8	41.4	86.7	86.4	36.2	48.9	65.5	43.1	28.2	48.3	63.8
55°	347.6	318.3	276.8	272.4	286.8	217.9	182.1	175.3	137.2	89.2	105.9
52.5°	490.1	460.9	432.5	406.1	384.5	361.3	327.2	290.4	278.7	224.4	173.0
50°	554.5	582.9	555.0	486.7	498.8	465.9	417.9	378.8	386.8	353.6	285.1
47.5°	752.0	786.6	787.4	746.7	701.4	687.4	617.1	494.8	503.0	501.6	429.1
45°	1100.9	1052.6	1070.7	1013.5	933.4	889.2	886.8	756.1	635.0	615.3	608.3
42.5°	1292.1	1256.4	1219.4	1176.8	1106.0	1035.4	991.9	918.3	821.0	734.8	704.2
40°	1369.5	1327.8	1293.3	1258.0	1201.0	1128.7	1093.6	997.1	923.9	849.3	824.4
37.5°	1463.0	1383.9	1414.7	1347.9	1295.0	1277.4	1250.3	1149.7	987.5	973.9	961.3
35°	1671.6	1597.7	1668.8	1656.2	1445.6	1469.1	1487.2	1363.7	1193.9	1101.8	1103.8
32.5°	2147.7	1977.3	1925.3	1989.0	1878.3	1694.5	1697.2	1659.6	1427.9	1293.9	1235.2
30°	2320.1	2244.4	2162.4	2151.4	2068.9	1962.6	1895.1	1804.7	1636.0	1483.2	1382.7
27.5°	2394.5	2325.8	2256.8	2203.6	2155.8	2083.7	1995.6	1889.4	1769.4	1632.4	1534.8
25°	2447.5	2370.6	2311.1	2252.3	2201.0	2146.3	2056.3	1952.9	1840.9	1730.5	1625.7
22.5°	2490.2	2418.5	2354.5	2291.2	2249.5	2190.8	2109.9	2003.1	1928.0	1857.7	1721.5
20°	2536.8	2467.7	2395.6	2398.7	2337.3	2239.2	2161.5	2108.3	2098.0	2019.0	1843.1
17.5°	2739.3	2549.4	2584.7	2651.6	2516.5	2338.4	2310.6	2313.6	2281.0	2207.5	1988.8
15°	3173.1	2898.8	2901.2	2947.3	2800.8	2582.0	2531.5	2525.4	2474.0	2392.7	2142.6
12.5°	3309.7	3218.1	3201.2	3132.6	2988.7	2825.3	2765.5	2733.1	2638.8	2481.6	2253.3
10°	3355.9	3302.8	3232.3	3163.1	3075.7	3010.1	2924.9	2807.1	2673.2	2521.6	2335.8
7.5°	3361.4	3306.3	3249.5	3183.6	3106.9	3029.9	2945.7	2828.5	2699.1	2550.4	2393.9
5°	3358.1	3303.3	3250.6	3187.6	3109.8	3035.1	2958.9	2843.0	2716.6	2569.3	2432.1
2.5°	3349.9	3294.4	3244.3	3187.1	3109.6	3037.6	2967.0	2858.6	2729.2	2584.8	2444.9
0°	3361.9	3306.9	3259.5	3195.4	3125.4	3041.8	2971.0	2874.5	2735.2	2595.1	2449.7
-2.5°	3367.0	3310.2	3266.7	3194.5	3136.5	3051.2	2979.4	2886.2	2746.6	2613.3	2461.3
-5°	3394.2	3337.7	3280.9	3208.5	3147.5	3067.6	2987.0	2891.0	2755.1	2623.1	2466.6
-7.5°	3412.1	3354.8	3288.7	3218.5	3157.2	3081.0	2991.6	2891.5	2762.9	2622.9	2469.1
-10°	3423.3	3363.4	3298.1	3226.2	3162.9	3084.5	2990.1	2889.0	2761.3	2616.8	2463.6
-12.5°	3439.0	3371.6	3304.4	3222.8	3159.2	3078.7	2984.4	2883.2	2749.5	2605.3	2449.5
-15°	3444.9	3375.6	3297.0	3217.1	3147.7	3069.3	2972.0	2866.1	2728.9	2587.7	2426.4
-17.5°	3447.3	3368.5	3284.8	3208.1	3133.2	3050.2	2947.4	2834.9	2702.4	2556.5	2396.1
-20°	3445.4	3353.7	3267.5	3183.9	3105.5	3021.2	2915.2	2803.7	2664.5	2516.2	2356.7



REPORT NUMBER: P645373 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-735-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°	3410.2	3327.2	3239.9	3149.3	3072.3	2982.8	2879.0	2763.7	2615.4	2471.8	2306.6
-25°	3371.5	3287.6	3197.5	3113.2	3031.2	2942.3	2835.7	2704.9	2564.0	2414.7	2245.8
-27.5°	3325.7	3237.6	3144.5	3058.8	2972.1	2884.6	2774.4	2642.6	2506.9	2343.7	2179.7
-30°	3264.0	3173.1	3078.1	2980.0	2900.8	2811.6	2702.5	2574.6	2428.9	2267.7	2111.7
-32.5°	3180.2	3094.6	2999.6	2906.4	2823.7	2730.1	2620.0	2492.9	2340.0	2187.6	2025.3
-35°	3094.9	3006.3	2915.8	2828.0	2740.8	2642.8	2530.4	2392.2	2246.0	2095.0	1926.6
-37.5°	2997.6	2905.3	2820.2	2736.8	2646.9	2546.4	2422.4	2288.8	2146.3	1980.3	1820.0
-40°	2893.1	2804.1	2711.2	2628.7	2532.8	2431.5	2311.7	2181.8	2025.1	1861.0	1710.4
-42.5°	2768.9	2680.0	2584.3	2492.5	2399.3	2303.0	2194.7	2054.3	1899.0	1744.2	1587.7
-45°	2619.0	2530.0	2436.0	2341.4	2254.1	2160.5	2059.8	1910.0	1756.7	1609.2	1459.0
-47.5°	2450.2	2364.0	2273.3	2179.5	2096.6	2002.6	1879.9	1740.5	1604.8	1464.5	1310.8
-50°	2267.1	2185.0	2101.2	2014.1	1920.9	1814.9	1697.1	1575.6	1441.1	1297.0	1156.6
-52.5°	2066.8	1991.8	1912.6	1828.9	1732.7	1627.5	1517.2	1388.1	1253.9	1131.7	1004.0
-55°	1857.9	1783.8	1705.5	1621.9	1532.2	1428.1	1313.8	1196.4	1086.9	973.8	876.4
-57.5°	1626.7	1556.4	1481.9	1403.0	1320.1	1223.3	1123.1	1023.4	936.7	848.8	760.4
-60°	1379.6	1314.0	1250.6	1180.6	1104.1	1020.8	947.7	874.2	800.7	730.5	659.3
-62.5°	1140.2	1085.4	1028.4	971.6	913.5	853.3	792.8	736.0	678.0	618.5	566.1
-65°	914.1	872.3	827.3	788.1	746.8	703.3	654.6	610.1	568.0	524.4	479.9
-67.5°	724.1	694.4	662.6	631.6	603.3	573.3	539.1	503.1	469.7	437.4	404.6
-70°	568.1	548.4	527.7	505.1	482.6	459.9	434.7	408.2	381.4	357.2	334.1
-72.5°	436.1	422.4	406.7	390.5	373.1	357.7	340.5	322.6	304.4	286.0	268.5
-75°	337.4	327.5	316.8	304.6	289.9	272.5	259.6	250.8	239.8	226.5	211.9
-77.5°	266.8	259.6	251.9	241.5	230.8	219.7	208.7	197.9	187.2	177.2	167.9
-80°	196.3	192.9	188.7	180.1	171.4	162.9	154.7	148.1	141.8	135.0	126.6
-82.5°	115.3	114.9	113.7	108.8	104.0	99.2	94.6	89.9	85.0	79.8	74.6
-85°	37.2	39.3	40.9	41.7	42.2	42.3	42.1	40.9	39.4	37.8	36.1
-87.5°	8.1	8.2	8.2	8.5	8.8	9.0	9.3	9.7	10.1	10.4	10.7
-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: P645373 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-735-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°	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.4	0.4	0.4
85°	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.8	0.8
82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.0	1.2	1.2
80°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.0	1.2	1.3
77.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.0	1.2	1.4
75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	1.0	1.2	1.4
72.5°	0.8	0.8	0.8	0.9	1.0	1.0	0.9	0.9	1.0	1.2	1.4
70°	0.9	0.8	0.8	0.9	1.1	1.2	1.2	1.2	1.1	1.2	1.4
67.5°	1.1	1.2	1.1	1.1	1.1	1.3	1.5	1.7	1.7	1.3	1.4
65°	1.2	1.3	1.6	2.1	1.9	1.3	1.5	2.9	2.4	2.0	1.4
62.5°	2.5	1.4	4.8	6.4	3.6	2.8	2.2	6.6	4.1	2.8	2.0
60°	5.9	4.8	13.3	21.3	14.9	5.0	7.4	11.4	10.4	3.6	2.8
57.5°	55.2	19.0	27.5	39.8	39.1	21.2	15.5	20.6	17.8	10.2	4.0
55°	117.9	99.2	65.5	60.0	64.8	52.3	34.1	33.4	27.4	19.0	6.5
52.5°	161.8	168.8	146.9	102.6	89.4	85.2	66.5	48.5	43.0	28.5	16.5
50°	234.2	218.1	215.9	181.2	125.3	113.4	98.2	75.7	60.4	40.8	27.9
47.5°	330.9	290.6	269.3	253.7	200.0	144.6	128.8	103.5	79.5	58.7	39.8
45°	472.8	375.7	334.4	309.1	274.1	203.4	161.2	130.6	103.6	78.9	52.3
42.5°	615.3	485.7	408.7	368.0	331.5	269.8	195.8	161.7	127.1	99.3	68.1
40°	741.2	599.2	486.9	434.4	387.8	333.9	252.0	195.1	150.2	120.4	86.1
37.5°	892.6	728.3	576.8	504.0	447.9	387.5	308.9	230.0	177.9	142.5	104.1
35°	1039.2	895.6	677.4	588.2	514.7	442.4	363.7	271.1	211.9	165.0	122.2
32.5°	1196.5	1052.9	829.3	682.2	583.8	498.6	415.0	321.2	246.1	187.8	140.2
30°	1320.4	1156.4	962.7	776.3	659.1	561.2	466.2	369.3	280.4	210.7	158.3
27.5°	1386.1	1246.0	1067.9	881.1	743.8	625.4	518.9	415.2	314.6	236.0	177.2
25°	1454.1	1309.1	1143.1	972.8	827.5	693.3	571.4	459.0	352.0	264.4	195.9
22.5°	1535.3	1362.8	1206.6	1045.4	913.8	762.2	626.5	503.3	389.4	292.3	214.3
20°	1616.9	1412.6	1269.2	1144.2	998.4	836.8	684.0	546.6	424.7	319.5	232.3
17.5°	1702.6	1503.1	1375.4	1240.7	1082.8	909.1	740.7	588.5	457.8	345.8	249.8
15°	1851.6	1638.6	1482.4	1334.5	1166.7	978.6	796.1	628.7	488.7	371.1	266.0
12.5°	1986.9	1764.7	1589.5	1425.3	1249.3	1044.9	849.5	667.0	517.2	391.2	280.5
10°	2098.8	1881.7	1695.4	1512.4	1329.4	1107.4	900.4	698.2	534.4	406.3	293.9
7.5°	2190.5	1989.7	1798.6	1595.3	1398.3	1148.3	926.1	716.4	547.7	419.1	306.0
5°	2256.8	2061.9	1853.5	1624.2	1419.8	1165.1	943.5	731.2	558.4	429.7	317.0
2.5°	2275.9	2084.1	1874.1	1640.0	1434.3	1176.0	956.0	742.5	566.7	438.4	326.7
0°	2287.0	2098.7	1887.0	1649.7	1441.8	1181.1	963.5	750.3	572.5	445.2	335.2
-2.5°	2302.5	2111.2	1899.5	1674.7	1446.8	1196.9	967.8	755.3	579.9	447.6	340.1
-5°	2310.3	2116.1	1905.4	1691.5	1445.5	1206.3	967.2	756.9	584.7	448.5	343.8
-7.5°	2306.9	2114.5	1905.7	1696.7	1438.9	1208.5	962.0	755.2	586.6	447.9	346.0
-10°	2296.4	2105.9	1898.3	1683.1	1432.9	1200.0	952.6	750.4	585.5	445.9	346.9
-12.5°	2280.6	2089.9	1883.5	1663.6	1420.4	1182.4	941.5	742.2	580.7	442.9	346.3
-15°	2260.1	2066.5	1860.9	1638.7	1399.7	1159.0	925.0	730.3	571.5	439.4	344.3
-17.5°	2233.7	2036.1	1830.4	1609.1	1370.6	1130.0	902.7	714.7	560.0	435.1	340.1
-20°	2186.7	1995.3	1791.8	1575.6	1332.9	1095.6	874.6	695.5	546.3	429.0	334.2

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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°	2133.9	1944.8	1743.6	1530.2	1287.5	1056.0	840.7	672.8	530.5	421.1	327.1
-25°	2077.5	1887.9	1687.5	1467.5	1237.3	1014.2	806.7	646.4	512.7	411.3	318.8
-27.5°	2011.4	1823.5	1624.0	1398.4	1179.0	965.8	774.2	623.1	495.5	399.6	309.4
-30°	1937.1	1747.7	1544.6	1324.7	1115.1	909.7	737.7	598.1	480.9	386.8	298.9
-32.5°	1851.8	1664.1	1456.6	1249.3	1047.7	850.2	697.4	571.4	464.1	373.3	289.3
-35°	1754.8	1567.0	1363.4	1168.3	976.2	802.1	658.0	543.1	445.0	358.7	279.1
-37.5°	1653.7	1462.7	1270.1	1083.7	900.2	750.1	622.5	515.2	423.6	343.0	267.8
-40°	1538.3	1355.5	1172.3	996.6	834.4	694.2	584.2	487.6	403.4	326.4	255.5
-42.5°	1419.4	1242.9	1070.2	904.3	769.4	648.7	544.0	457.8	382.2	310.3	242.1
-45°	1291.2	1124.1	961.7	826.6	703.3	600.5	508.8	427.0	359.5	293.8	228.3
-47.5°	1156.0	998.8	863.0	745.6	647.2	552.1	471.4	400.4	335.6	276.1	214.5
-50°	1012.8	882.2	772.1	675.2	586.6	508.5	434.1	372.5	313.8	256.6	200.0
-52.5°	885.8	781.2	690.1	607.2	533.3	462.7	402.0	343.8	291.3	237.9	184.8
-55°	777.1	691.3	614.5	545.5	480.4	423.4	368.7	318.4	268.2	219.2	169.5
-57.5°	683.2	608.2	546.7	486.8	433.0	384.4	338.3	292.5	246.0	199.8	157.3
-60°	592.9	537.0	482.3	434.1	388.6	347.3	309.6	266.5	223.6	180.5	143.8
-62.5°	515.0	467.3	425.9	383.9	346.1	312.4	280.7	241.1	200.6	162.5	129.2
-65°	442.0	405.3	370.0	336.5	305.2	276.7	251.0	215.1	177.5	143.5	114.0
-67.5°	372.6	345.0	317.3	289.2	264.5	241.4	219.5	187.0	153.4	123.6	98.9
-70°	310.6	287.0	265.3	244.4	224.4	205.2	184.5	157.1	128.2	105.6	83.4
-72.5°	252.1	234.9	216.9	199.7	184.9	168.0	149.0	127.6	107.4	87.3	67.6
-75°	198.0	186.6	173.9	160.3	146.5	131.4	118.8	103.9	86.2	68.7	54.5
-77.5°	158.4	147.3	134.6	123.8	114.5	104.2	92.8	79.8	65.8	53.5	42.1
-80°	116.9	108.4	101.2	94.9	86.4	77.0	67.5	58.0	47.8	38.3	29.5
-82.5°	71.3	69.4	67.4	64.5	57.4	50.4	43.6	36.9	29.6	22.9	18.9
-85°	35.7	34.9	33.9	32.3	28.0	23.7	21.7	19.7	17.3	14.9	12.6
-87.5°	11.7	12.6	13.3	13.8	12.9	11.9	10.9	9.9	8.7	7.5	6.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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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°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
85°	0.8	0.6	0.5	0.4	0.3	0.2	0.0
82.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
80°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
77.5°	1.5	1.5	1.3	1.0	0.7	0.4	0.0
75°	1.5	1.6	1.5	1.2	0.8	0.5	0.0
72.5°	1.5	1.6	1.6	1.3	0.9	0.6	0.0
70°	1.6	1.7	1.7	1.5	1.1	0.7	0.0
67.5°	1.8	1.7	1.7	1.6	1.2	0.7	0.0
65°	2.0	2.0	1.8	1.7	1.3	0.8	0.0
62.5°	2.4	2.5	1.9	1.8	1.5	0.9	0.0
60°	2.8	3.0	2.0	1.8	1.6	1.0	0.0
57.5°	5.1	3.6	2.6	1.9	1.7	1.1	0.0
55°	8.2	4.3	3.2	2.0	1.8	1.1	0.0
52.5°	11.8	5.5	3.9	2.1	1.9	1.2	0.0
50°	15.9	9.4	4.6	2.2	2.0	1.3	0.0
47.5°	21.4	13.5	5.3	2.4	2.1	1.4	0.0
45°	32.2	18.0	6.0	3.0	2.1	1.4	0.0
42.5°	43.4	22.7	6.8	3.5	2.2	1.5	0.0
40°	54.7	27.7	9.1	4.3	2.3	1.6	0.0
37.5°	66.3	33.0	13.1	5.2	2.4	1.6	0.0
35°	78.1	41.0	17.1	6.2	2.5	1.7	0.0
32.5°	90.9	50.3	21.1	7.3	2.6	1.8	0.0
30°	105.5	59.5	25.2	8.5	2.7	1.8	0.0
27.5°	119.8	68.6	30.2	9.7	2.8	1.9	0.0
25°	133.7	77.6	35.4	11.1	2.9	1.9	0.0
22.5°	147.3	86.7	40.5	12.5	3.0	2.0	0.0
20°	160.4	96.5	45.6	13.9	3.1	2.0	0.0
17.5°	173.4	106.0	50.6	15.4	3.2	2.1	0.0
15°	185.9	115.1	55.5	16.9	3.3	2.1	0.0
12.5°	197.5	123.8	60.2	18.3	3.4	2.2	0.0
10°	208.3	132.0	64.7	19.8	3.5	2.2	0.0
7.5°	218.3	139.7	68.9	21.2	3.6	2.2	0.0
5°	227.3	146.8	72.9	22.5	3.7	2.3	0.0
2.5°	235.4	153.2	76.5	23.7	3.7	2.3	0.0
0°	242.6	158.9	79.8	24.9	3.8	2.3	0.0
-2.5°	246.1	162.5	82.8	26.5	4.4	2.4	0.0
-5°	248.7	165.4	85.4	28.0	5.0	2.6	0.0
-7.5°	250.4	167.5	87.6	29.3	5.5	2.7	0.0
-10°	251.1	168.8	89.2	30.5	6.1	2.8	0.0
-12.5°	251.0	169.3	90.2	31.5	6.6	2.9	0.0
-15°	250.0	169.1	90.8	32.2	7.1	3.0	0.0
-17.5°	248.2	168.1	90.7	32.8	7.5	3.1	0.0
-20°	245.3	166.3	90.1	33.1	7.9	3.1	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	241.2	163.8	88.8	33.2	8.3	3.2	0.0
-25°	236.2	159.8	86.9	33.1	8.6	3.2	0.0
-27.5°	230.2	154.9	84.4	32.7	8.9	3.3	0.0
-30°	223.2	149.4	81.2	32.0	9.2	3.3	0.0
-32.5°	215.4	143.1	77.5	31.0	9.3	3.3	0.0
-35°	206.8	136.2	73.4	29.8	9.5	3.3	0.0
-37.5°	197.7	129.3	68.9	28.3	9.5	3.3	0.0
-40°	187.8	123.0	64.0	26.6	9.5	3.2	0.0
-42.5°	177.3	116.3	60.2	24.6	9.5	3.2	0.0
-45°	166.1	109.1	57.7	22.7	9.4	3.1	0.0
-47.5°	154.2	101.6	54.7	20.5	9.2	3.0	0.0
-50°	144.3	93.6	51.2	19.8	9.0	3.0	0.0
-52.5°	134.4	85.2	47.3	19.4	8.7	2.8	0.0
-55°	124.1	78.9	43.0	18.8	8.3	2.7	0.0
-57.5°	113.5	72.5	38.2	18.0	7.9	2.6	0.0
-60°	102.6	65.5	33.2	16.9	7.5	2.4	0.0
-62.5°	92.7	57.9	30.9	15.7	7.0	2.3	0.0
-65°	82.1	49.8	28.2	14.4	6.5	2.1	0.0
-67.5°	70.8	43.1	25.2	12.8	6.0	1.9	0.0
-70°	58.9	37.7	21.9	11.1	5.4	1.8	0.0
-72.5°	49.8	31.9	18.4	9.8	4.8	1.6	0.0
-75°	40.7	25.8	14.6	8.5	4.2	1.3	0.0
-77.5°	31.2	19.3	12.1	7.2	3.5	1.1	0.0
-80°	21.3	14.7	9.8	5.8	2.8	0.9	0.0
-82.5°	15.6	11.1	7.4	4.4	2.2	0.7	0.0
-85°	10.5	7.5	4.9	2.9	1.4	0.5	0.0
-87.5°	5.2	3.7	2.5	1.5	0.7	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)