

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: P559166 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-927-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559166 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA6C-927-U-NAT-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (96) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

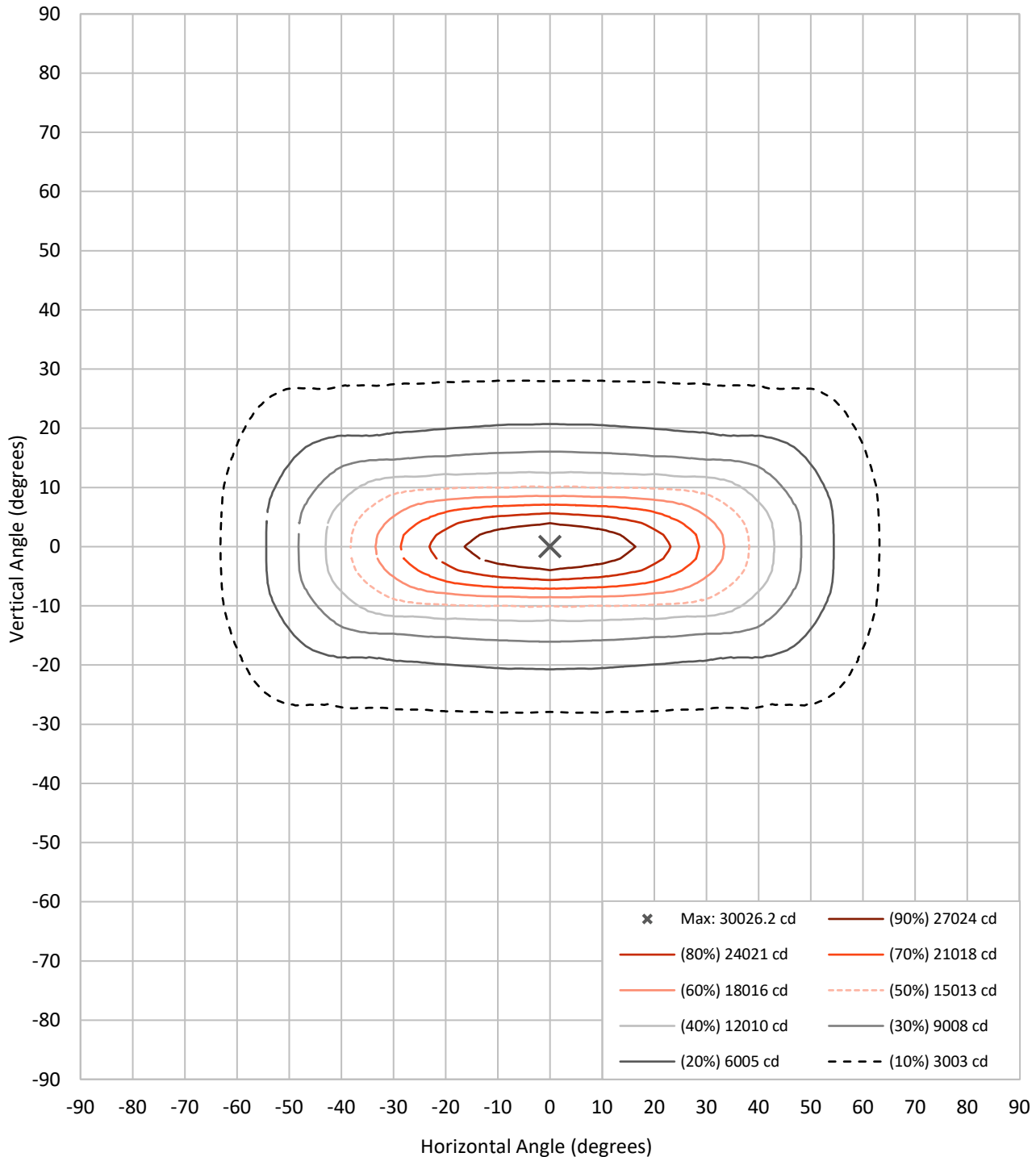
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	21504.2 lumens	Max Intensity:	30026.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	89.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	8603.8 lumens	Field Lumens:	17624.9 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 241
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



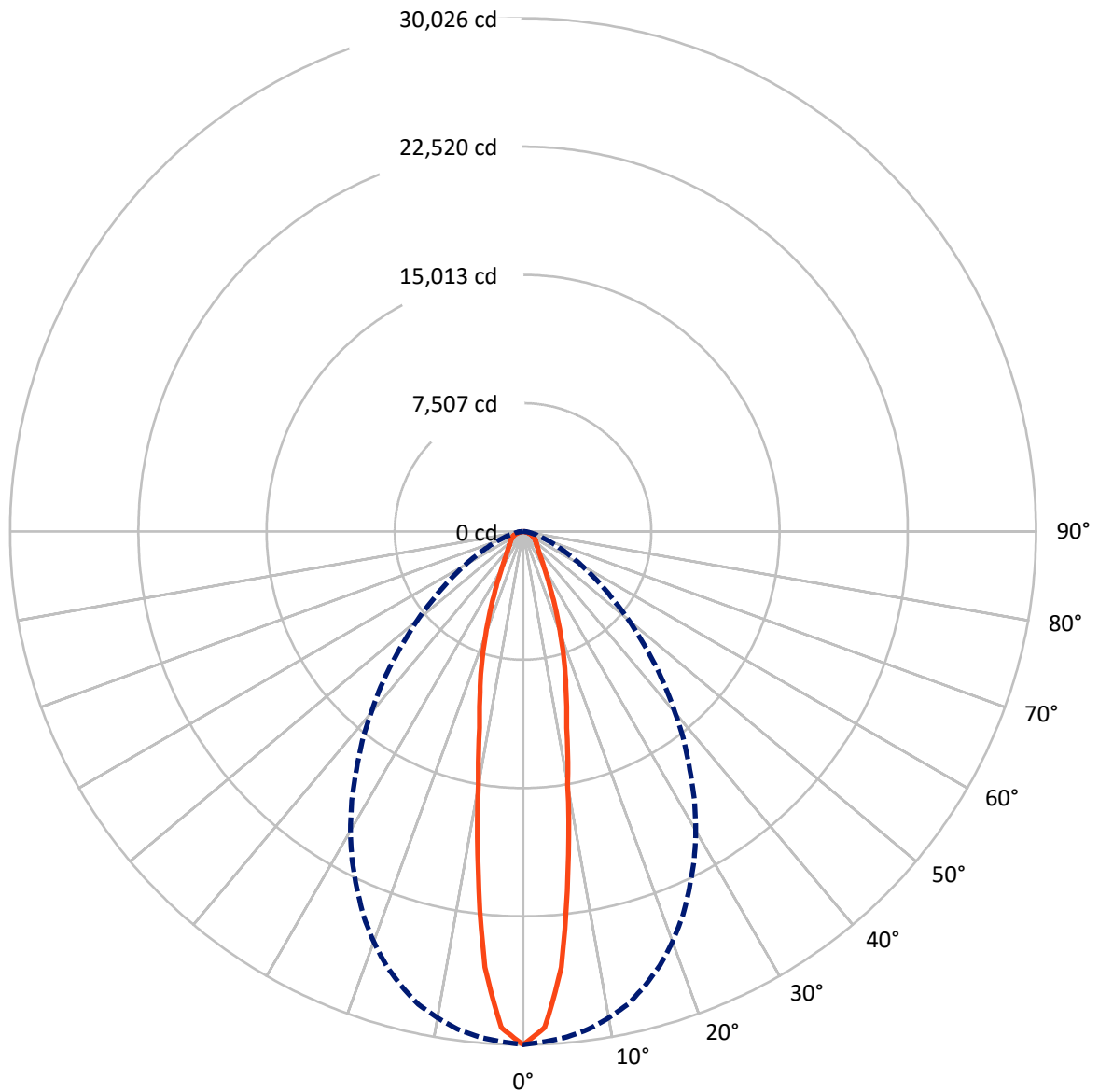
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Iso-Candela Plot



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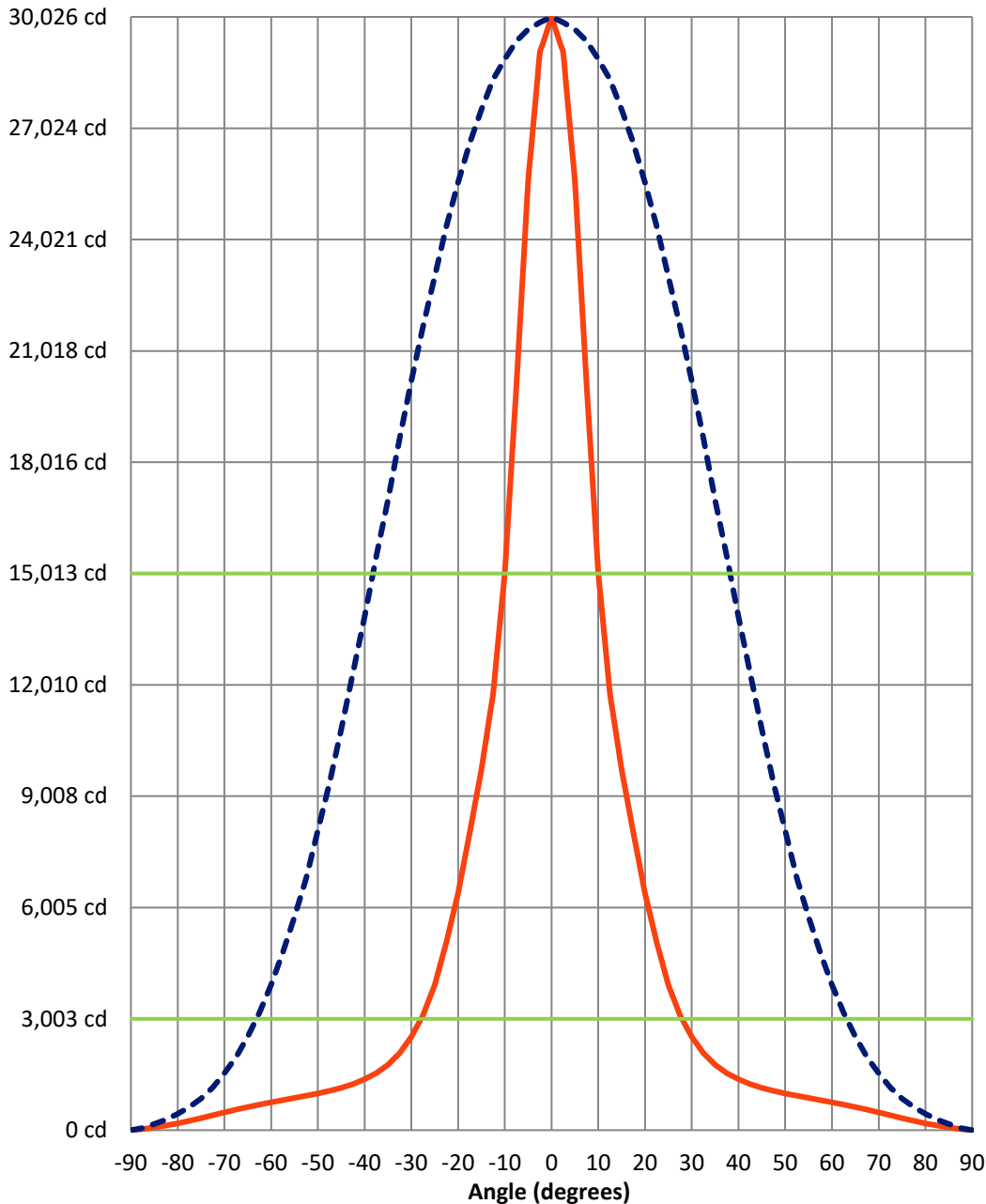
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 76.4°
 V Angle: 20°
 Lumens: 8603.8
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 17624.9
 Efficiency: 82.0%

Spill:
 Lumens: 3879.2
 Efficiency: 18.0%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	2.5	5.0	7.1	9.0	10.6	12.0	13.6	15.1	16.5	17.7
85°	0.0	5.0	10.0	14.2	18.0	21.2	24.0	27.2	30.2	32.9	35.4
82.5°	0.0	7.5	14.9	21.3	27.0	31.8	36.0	40.7	46.2	55.0	63.0
80°	0.0	9.9	19.9	28.4	35.9	42.4	49.3	62.6	75.0	86.3	96.5
77.5°	0.0	12.4	24.8	35.4	44.8	56.3	72.5	88.7	103.8	117.6	130.6
75°	0.0	14.8	29.6	42.5	55.1	76.3	95.6	114.7	132.9	151.4	167.1
72.5°	0.0	17.2	34.4	49.4	71.5	96.1	118.7	141.6	165.5	186.2	203.7
70°	0.0	19.6	39.2	57.4	87.8	115.9	142.1	171.4	198.0	221.2	243.9
67.5°	0.0	21.9	43.8	69.8	103.9	135.4	168.9	201.1	230.7	260.9	285.3
65°	0.0	24.2	48.4	82.1	119.9	156.7	195.5	230.8	268.4	301.0	329.7
62.5°	0.0	26.5	52.9	94.2	135.6	179.6	222.1	264.0	306.2	342.9	380.4
60°	0.0	28.6	57.2	106.1	151.1	202.3	248.5	298.7	344.2	390.5	431.4
57.5°	0.0	30.8	65.0	117.7	169.4	224.8	278.4	333.3	386.7	438.3	486.6
55°	0.0	32.9	72.6	129.2	187.6	247.0	308.5	367.8	430.4	487.8	544.9
52.5°	0.0	34.9	80.0	140.4	205.4	269.4	338.2	406.5	473.9	543.9	604.8
50°	0.0	36.8	87.2	151.3	223.0	294.0	367.4	445.9	519.8	600.9	675.9
47.5°	0.0	38.7	94.2	162.5	240.1	318.1	396.9	485.5	572.3	658.8	750.8
45°	0.0	40.5	100.9	175.1	256.8	341.6	431.2	525.1	626.0	729.4	828.3
42.5°	0.0	42.2	107.3	187.3	273.2	364.5	465.1	569.0	679.7	801.8	916.6
40°	0.0	43.9	113.5	198.7	289.9	386.8	498.8	615.5	737.0	875.6	1009.4
37.5°	0.0	45.5	119.5	209.3	307.0	408.4	532.0	661.4	802.1	952.9	1105.4
35°	0.0	46.9	125.1	219.2	323.5	432.9	564.7	706.7	866.9	1038.5	1209.3
32.5°	0.0	48.3	130.4	228.4	339.2	458.6	598.2	751.1	931.2	1125.2	1323.6
30°	0.0	49.6	135.4	237.0	354.2	483.5	634.1	797.0	994.9	1212.7	1440.6
27.5°	0.0	50.8	140.1	244.9	366.7	507.5	668.7	848.8	1061.5	1300.5	1559.6
25°	0.0	51.9	144.5	252.0	378.2	530.4	702.0	899.1	1133.3	1396.1	1680.5
22.5°	0.0	52.9	148.5	258.5	388.9	550.9	733.8	947.7	1203.7	1494.9	1812.7
20°	0.0	53.8	152.1	264.2	398.7	566.5	764.0	994.3	1272.3	1592.4	1943.6
17.5°	0.0	54.6	155.4	269.2	407.6	580.3	786.8	1038.5	1338.7	1687.6	2072.5
15°	0.0	55.3	158.3	273.5	415.5	592.1	803.8	1073.4	1402.2	1779.9	2198.0
12.5°	0.0	55.9	160.8	277.0	422.4	602.0	818.3	1096.1	1447.7	1868.3	2319.2
10°	0.0	56.4	162.9	279.9	428.3	610.0	830.4	1114.9	1476.8	1910.0	2413.7
7.5°	0.0	56.8	164.7	282.0	433.1	616.1	839.9	1129.7	1500.2	1937.5	2456.5
5°	0.0	57.1	166.0	283.4	436.8	620.4	846.8	1140.6	1518.0	1956.4	2489.7
2.5°	0.0	57.2	166.9	284.2	439.3	622.9	851.1	1147.4	1529.9	1967.1	2512.7
0°	0.0	57.3	167.4	284.2	440.7	623.5	852.7	1150.1	1535.7	1969.7	2524.9
-2.5°	0.0	57.2	166.9	284.2	439.3	622.9	851.1	1147.4	1529.9	1967.1	2512.7
-5°	0.0	57.1	166.0	283.4	436.8	620.4	846.8	1140.6	1518.0	1956.4	2489.7
-7.5°	0.0	56.8	164.7	282.0	433.1	616.1	839.9	1129.7	1500.2	1937.5	2456.5
-10°	0.0	56.4	162.9	279.9	428.3	610.0	830.4	1114.9	1476.8	1910.0	2413.7
-12.5°	0.0	55.9	160.8	277.0	422.4	602.0	818.3	1096.1	1447.7	1868.3	2319.2
-15°	0.0	55.3	158.3	273.5	415.5	592.1	803.8	1073.4	1402.2	1779.9	2198.0
-17.5°	0.0	54.6	155.4	269.2	407.6	580.3	786.8	1038.5	1338.7	1687.6	2072.5
-20°	0.0	53.8	152.1	264.2	398.7	566.5	764.0	994.3	1272.3	1592.4	1943.6



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 CATALOG NUMBER: GFLD-SA6C-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	52.9	148.5	258.5	388.9	550.9	733.8	947.7	1203.7	1494.9	1812.7
-25°	0.0	51.9	144.5	252.0	378.2	530.4	702.0	899.1	1133.3	1396.1	1680.5
-27.5°	0.0	50.8	140.1	244.9	366.7	507.5	668.7	848.8	1061.5	1300.5	1559.6
-30°	0.0	49.6	135.4	237.0	354.2	483.5	634.1	797.0	994.9	1212.7	1440.6
-32.5°	0.0	48.3	130.4	228.4	339.2	458.6	598.2	751.1	931.2	1125.2	1323.6
-35°	0.0	46.9	125.1	219.2	323.5	432.9	564.7	706.7	866.9	1038.5	1209.3
-37.5°	0.0	45.5	119.5	209.3	307.0	408.4	532.0	661.4	802.1	952.9	1105.4
-40°	0.0	43.9	113.5	198.7	289.9	386.8	498.8	615.5	737.0	875.6	1009.4
-42.5°	0.0	42.2	107.3	187.3	273.2	364.5	465.1	569.0	679.7	801.8	916.6
-45°	0.0	40.5	100.9	175.1	256.8	341.6	431.2	525.1	626.0	729.4	828.3
-47.5°	0.0	38.7	94.2	162.5	240.1	318.1	396.9	485.5	572.3	658.8	750.8
-50°	0.0	36.8	87.2	151.3	223.0	294.0	367.4	445.9	519.8	600.9	675.9
-52.5°	0.0	34.9	80.0	140.4	205.4	269.4	338.2	406.5	473.9	543.9	604.8
-55°	0.0	32.9	72.6	129.2	187.6	247.0	308.5	367.8	430.4	487.8	544.9
-57.5°	0.0	30.8	65.0	117.7	169.4	224.8	278.4	333.3	386.7	438.3	486.6
-60°	0.0	28.6	57.2	106.1	151.1	202.3	248.5	298.7	344.2	390.5	431.4
-62.5°	0.0	26.5	52.9	94.2	135.6	179.6	222.1	264.0	306.2	342.9	380.4
-65°	0.0	24.2	48.4	82.1	119.9	156.7	195.5	230.8	268.4	301.0	329.7
-67.5°	0.0	21.9	43.8	69.8	103.9	135.4	168.9	201.1	230.7	260.9	285.3
-70°	0.0	19.6	39.2	57.4	87.8	115.9	142.1	171.4	198.0	221.2	243.9
-72.5°	0.0	17.2	34.4	49.4	71.5	96.1	118.7	141.6	165.5	186.2	203.7
-75°	0.0	14.8	29.6	42.5	55.1	76.3	95.6	114.7	132.9	151.4	167.1
-77.5°	0.0	12.4	24.8	35.4	44.8	56.3	72.5	88.7	103.8	117.6	130.6
-80°	0.0	9.9	19.9	28.4	35.9	42.4	49.3	62.6	75.0	86.3	96.5
-82.5°	0.0	7.5	14.9	21.3	27.0	31.8	36.0	40.7	46.2	55.0	63.0
-85°	0.0	5.0	10.0	14.2	18.0	21.2	24.0	27.2	30.2	32.9	35.4
-87.5°	0.0	2.5	5.0	7.1	9.0	10.6	12.0	13.6	15.1	16.5	17.7
-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-SA6C-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	19.1	20.4	21.6	22.8	23.8	24.8	25.7	26.5	27.6	28.7	29.7
85°	38.2	40.8	45.2	48.8	52.1	54.9	57.4	59.4	61.5	63.3	64.6
82.5°	70.2	76.1	80.8	84.3	88.3	91.8	94.8	97.4	100.2	102.7	104.9
80°	104.8	111.5	118.4	124.4	130.3	134.7	137.4	138.6	142.0	146.5	151.1
77.5°	142.1	152.3	161.2	168.9	175.1	180.6	184.6	187.0	192.5	198.9	204.5
75°	180.8	193.1	205.5	216.3	224.9	231.2	235.8	239.6	246.2	254.7	261.9
72.5°	221.0	237.6	252.3	264.9	276.4	285.2	291.7	295.9	302.6	312.5	320.5
70°	263.4	282.4	302.3	318.5	330.7	341.1	349.7	355.6	361.7	371.7	379.2
67.5°	307.3	334.4	356.4	373.6	387.3	400.0	409.7	416.0	418.7	428.8	437.2
65°	359.0	388.1	412.5	431.8	445.5	461.2	472.0	477.4	479.1	490.1	500.5
62.5°	411.7	443.8	470.7	492.8	510.5	525.4	537.6	544.4	545.6	553.7	565.6
60°	467.9	500.9	532.8	559.4	578.4	593.7	606.9	614.1	615.6	618.9	632.5
57.5°	526.6	562.1	599.3	629.3	651.4	664.1	678.5	686.4	689.7	687.7	701.8
55°	590.3	627.3	669.3	704.1	727.9	739.3	752.8	764.3	768.2	765.7	774.0
52.5°	662.5	699.3	744.2	782.5	808.9	822.7	832.2	846.1	852.4	849.5	847.9
50°	738.5	784.7	821.8	865.6	897.5	915.6	915.9	933.1	941.4	938.8	927.4
47.5°	824.4	876.6	904.6	954.8	996.2	1017.7	1019.1	1026.0	1036.2	1038.8	1029.2
45°	917.2	980.9	1011.1	1055.9	1102.3	1128.5	1136.5	1124.2	1142.5	1148.1	1142.0
42.5°	1015.0	1096.3	1143.9	1162.0	1216.1	1252.5	1266.6	1258.0	1257.0	1269.8	1269.5
40°	1127.9	1221.2	1292.8	1311.7	1339.0	1389.2	1419.0	1417.4	1384.0	1407.8	1414.0
37.5°	1248.7	1370.0	1458.3	1497.7	1477.0	1544.0	1587.6	1605.3	1584.5	1561.2	1587.8
35°	1375.7	1529.0	1648.1	1715.1	1718.1	1716.6	1784.9	1821.5	1824.0	1781.2	1790.9
32.5°	1518.0	1697.8	1855.6	1964.1	2013.3	1982.9	2000.6	2077.6	2115.3	2099.0	2037.4
30°	1670.6	1891.4	2084.9	2237.8	2347.9	2380.2	2307.0	2367.0	2450.5	2483.8	2457.0
27.5°	1825.1	2096.7	2342.1	2554.1	2724.6	2832.6	2835.2	2742.5	2837.2	2917.6	2948.6
25°	1982.0	2302.2	2614.9	2902.3	3160.2	3346.0	3431.5	3441.4	3309.0	3429.3	3541.5
22.5°	2149.2	2513.6	2884.7	3273.0	3632.5	3905.2	4112.4	4237.2	4233.2	4106.8	4205.4
20°	2326.1	2743.7	3175.8	3636.5	4126.7	4501.6	4848.8	5114.4	5274.3	5327.4	5223.9
17.5°	2502.7	2975.8	3481.5	4030.1	4597.4	5117.0	5637.4	6061.2	6396.9	6672.5	6771.1
15°	2677.1	3207.5	3788.3	4426.5	5082.0	5732.4	6401.4	7050.4	7621.8	8126.1	8425.1
12.5°	2847.5	3435.9	4092.8	4820.9	5573.3	6356.2	7154.6	7945.2	8768.3	9585.2	10206.1
10°	3011.8	3658.4	4390.9	5208.6	6064.2	6979.8	7906.3	8844.6	9844.5	10808.0	11735.5
7.5°	3082.0	3803.8	4647.8	5584.0	6546.8	7593.8	8646.7	9736.0	10904.3	12028.6	13161.2
5°	3125.3	3861.5	4719.9	5695.4	6766.4	7994.5	9250.8	10600.1	11933.2	13227.7	14562.3
2.5°	3154.1	3900.9	4768.1	5739.3	6799.1	8060.3	9332.4	10733.5	12229.2	13725.9	15314.8
0°	3168.3	3921.8	4792.1	5752.7	6794.9	8081.6	9363.9	10809.3	12325.1	13847.6	15473.6
-2.5°	3154.1	3900.9	4768.1	5739.3	6799.1	8060.3	9332.4	10733.5	12229.2	13725.9	15314.8
-5°	3125.3	3861.5	4719.9	5695.4	6766.4	7994.5	9250.8	10600.1	11933.2	13227.7	14562.3
-7.5°	3082.0	3803.8	4647.8	5584.0	6546.8	7593.8	8646.7	9736.0	10904.3	12028.6	13161.2
-10°	3011.8	3658.4	4390.9	5208.6	6064.2	6979.8	7906.3	8844.6	9844.5	10808.0	11735.5
-12.5°	2847.5	3435.9	4092.8	4820.9	5573.3	6356.2	7154.6	7945.2	8768.3	9585.2	10206.1
-15°	2677.1	3207.5	3788.3	4426.5	5082.0	5732.4	6401.4	7050.4	7621.8	8126.1	8425.1
-17.5°	2502.7	2975.8	3481.5	4030.1	4597.4	5117.0	5637.4	6061.2	6396.9	6672.5	6771.1
-20°	2326.1	2743.7	3175.8	3636.5	4126.7	4501.6	4848.8	5114.4	5274.3	5327.4	5223.9



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 CATALOG NUMBER: GFLD-SA6C-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2149.2	2513.6	2884.7	3273.0	3632.5	3905.2	4112.4	4237.2	4233.2	4106.8	4205.4
-25°	1982.0	2302.2	2614.9	2902.3	3160.2	3346.0	3431.5	3441.4	3309.0	3429.3	3541.5
-27.5°	1825.1	2096.7	2342.1	2554.1	2724.6	2832.6	2835.2	2742.5	2837.2	2917.6	2948.6
-30°	1670.6	1891.4	2084.9	2237.8	2347.9	2380.2	2307.0	2367.0	2450.5	2483.8	2457.0
-32.5°	1518.0	1697.8	1855.6	1964.1	2013.3	1982.9	2000.6	2077.6	2115.3	2099.0	2037.4
-35°	1375.7	1529.0	1648.1	1715.1	1718.1	1716.6	1784.9	1821.5	1824.0	1781.2	1790.9
-37.5°	1248.7	1370.0	1458.3	1497.7	1477.0	1544.0	1587.6	1605.3	1584.5	1561.2	1587.8
-40°	1127.9	1221.2	1292.8	1311.7	1339.0	1389.2	1419.0	1417.4	1384.0	1407.8	1414.0
-42.5°	1015.0	1096.3	1143.9	1162.0	1216.1	1252.5	1266.6	1258.0	1257.0	1269.8	1269.5
-45°	917.2	980.9	1011.1	1055.9	1102.3	1128.5	1136.5	1124.2	1142.5	1148.1	1142.0
-47.5°	824.4	876.6	904.6	954.8	996.2	1017.7	1019.1	1026.0	1036.2	1038.8	1029.2
-50°	738.5	784.7	821.8	865.6	897.5	915.6	915.9	933.1	941.4	938.8	927.4
-52.5°	662.5	699.3	744.2	782.5	808.9	822.7	832.2	846.1	852.4	849.5	847.9
-55°	590.3	627.3	669.3	704.1	727.9	739.3	752.8	764.3	768.2	765.7	774.0
-57.5°	526.6	562.1	599.3	629.3	651.4	664.1	678.5	686.4	689.7	687.7	701.8
-60°	467.9	500.9	532.8	559.4	578.4	593.7	606.9	614.1	615.6	618.9	632.5
-62.5°	411.7	443.8	470.7	492.8	510.5	525.4	537.6	544.4	545.6	553.7	565.6
-65°	359.0	388.1	412.5	431.8	445.5	461.2	472.0	477.4	479.1	490.1	500.5
-67.5°	307.3	334.4	356.4	373.6	387.3	400.0	409.7	416.0	418.7	428.8	437.2
-70°	263.4	282.4	302.3	318.5	330.7	341.1	349.7	355.6	361.7	371.7	379.2
-72.5°	221.0	237.6	252.3	264.9	276.4	285.2	291.7	295.9	302.6	312.5	320.5
-75°	180.8	193.1	205.5	216.3	224.9	231.2	235.8	239.6	246.2	254.7	261.9
-77.5°	142.1	152.3	161.2	168.9	175.1	180.6	184.6	187.0	192.5	198.9	204.5
-80°	104.8	111.5	118.4	124.4	130.3	134.7	137.4	138.6	142.0	146.5	151.1
-82.5°	70.2	76.1	80.8	84.3	88.3	91.8	94.8	97.4	100.2	102.7	104.9
-85°	38.2	40.8	45.2	48.8	52.1	54.9	57.4	59.4	61.5	63.3	64.6
-87.5°	19.1	20.4	21.6	22.8	23.8	24.8	25.7	26.5	27.6	28.7	29.7
-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: P559166 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-927-U-NAT-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°	30.7	30.2	29.6	28.8	27.9	27.9	27.9	27.8	27.6	27.4	27.1
85°	65.6	66.8	68.0	69.2	70.2	71.4	72.4	73.2	73.8	73.7	73.5
82.5°	106.8	110.4	113.9	117.3	120.4	122.1	123.4	124.2	124.6	125.7	126.4
80°	155.0	160.3	165.1	169.2	172.4	174.8	176.8	178.4	179.6	180.8	181.7
77.5°	209.7	215.6	221.2	226.1	230.3	234.2	237.6	240.3	242.3	245.3	248.1
75°	267.9	274.5	281.4	287.6	293.1	298.9	304.6	309.9	314.6	318.5	321.5
72.5°	326.7	333.6	342.2	350.0	357.4	365.2	372.9	379.7	385.5	391.0	395.9
70°	384.8	391.3	402.2	412.8	422.6	432.0	441.2	449.6	456.9	464.0	470.4
67.5°	444.7	451.5	465.1	477.3	488.3	498.6	509.4	519.0	527.4	534.9	541.4
65°	508.6	514.6	529.4	542.7	554.3	564.0	575.6	586.1	595.5	603.8	610.8
62.5°	574.8	580.8	593.0	606.2	617.2	626.5	640.2	652.0	662.0	670.4	677.4
60°	641.9	647.1	656.5	671.0	683.4	693.5	705.5	717.1	726.8	735.0	742.4
57.5°	711.7	717.0	721.5	736.0	747.9	757.1	767.6	778.9	788.4	796.1	803.8
55°	783.7	787.8	786.4	799.9	810.9	818.5	826.3	838.2	847.6	854.5	861.5
52.5°	857.4	862.2	858.9	864.5	876.7	883.5	886.8	899.7	909.4	915.5	921.9
50°	939.4	943.3	940.2	937.0	948.8	955.8	957.7	968.1	976.9	981.7	986.2
47.5°	1028.3	1033.0	1030.6	1017.8	1028.2	1037.2	1037.4	1041.9	1050.9	1054.6	1057.3
45°	1124.9	1134.1	1132.2	1123.2	1121.8	1130.9	1130.1	1126.5	1136.9	1141.6	1143.0
42.5°	1251.9	1248.9	1251.8	1246.6	1230.6	1240.9	1242.2	1229.1	1242.2	1247.9	1244.6
40°	1407.2	1378.8	1394.5	1392.2	1377.3	1375.0	1383.1	1372.5	1374.5	1382.5	1376.3
37.5°	1592.0	1571.8	1563.3	1570.3	1565.9	1546.8	1562.0	1558.3	1546.2	1559.8	1553.8
35°	1819.5	1813.5	1767.8	1795.6	1801.4	1783.2	1788.4	1796.3	1770.1	1790.7	1788.5
32.5°	2085.5	2099.0	2089.2	2072.1	2098.0	2101.2	2071.2	2107.3	2092.8	2098.0	2112.2
30°	2386.8	2455.9	2489.5	2459.4	2475.6	2507.8	2493.0	2518.1	2530.1	2511.3	2546.8
27.5°	2913.0	2888.4	2969.1	3004.1	2966.6	3025.3	3067.9	3049.1	3111.4	3074.5	3127.2
25°	3581.8	3545.8	3567.4	3683.3	3709.0	3679.2	3799.4	3813.5	3862.9	3869.0	3905.8
22.5°	4367.6	4454.6	4444.4	4479.7	4625.3	4674.0	4718.4	4833.9	4807.5	4912.3	4930.5
20°	5246.2	5464.8	5615.3	5647.0	5709.2	5876.7	5953.5	6044.6	6105.8	6204.9	6288.7
17.5°	6732.5	6620.4	6915.8	7101.3	7198.9	7233.8	7435.4	7501.2	7652.7	7739.2	7825.2
15°	8640.8	8706.0	8572.7	8749.6	9048.4	9149.3	9033.3	9304.1	9380.2	9526.0	9551.8
12.5°	10680.4	11010.6	11172.5	11216.5	11060.3	11485.3	11655.6	11441.8	11684.3	11640.6	11840.0
10°	12626.6	13428.8	13909.1	14246.9	14452.3	14575.9	14698.9	14919.8	14923.6	15087.2	14991.6
7.5°	14224.4	15241.5	16213.3	17155.9	17909.9	18332.6	18664.5	18982.8	19407.6	19611.0	19743.1
5°	15787.6	16961.2	18123.9	19266.4	20301.2	21296.7	22272.3	23118.6	23567.1	24091.3	24558.5
2.5°	16798.7	18283.1	19768.0	21238.6	22434.3	23531.3	24546.8	25490.0	26317.3	27082.7	27729.0
0°	16996.0	18657.3	20206.2	21673.6	23019.8	24374.8	25558.0	26624.3	27525.5	28338.5	28887.1
-2.5°	16798.7	18283.1	19768.0	21238.6	22434.3	23531.3	24546.8	25490.0	26317.3	27082.7	27729.0
-5°	15787.6	16961.2	18123.9	19266.4	20301.2	21296.7	22272.3	23118.6	23567.1	24091.3	24558.5
-7.5°	14224.4	15241.5	16213.3	17155.9	17909.9	18332.6	18664.5	18982.8	19407.6	19611.0	19743.1
-10°	12626.6	13428.8	13909.1	14246.9	14452.3	14575.9	14698.9	14919.8	14923.6	15087.2	14991.6
-12.5°	10680.4	11010.6	11172.5	11216.5	11060.3	11485.3	11655.6	11441.8	11684.3	11640.6	11840.0
-15°	8640.8	8706.0	8572.7	8749.6	9048.4	9149.3	9033.3	9304.1	9380.2	9526.0	9551.8
-17.5°	6732.5	6620.4	6915.8	7101.3	7198.9	7233.8	7435.4	7501.2	7652.7	7739.2	7825.2
-20°	5246.2	5464.8	5615.3	5647.0	5709.2	5876.7	5953.5	6044.6	6105.8	6204.9	6288.7



REPORT NUMBER: P559166 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	4367.6	4454.6	4444.4	4479.7	4625.3	4674.0	4718.4	4833.9	4807.5	4912.3	4930.5
-25°	3581.8	3545.8	3567.4	3683.3	3709.0	3679.2	3799.4	3813.5	3862.9	3869.0	3905.8
-27.5°	2913.0	2888.4	2969.1	3004.1	2966.6	3025.3	3067.9	3049.1	3111.4	3074.5	3127.2
-30°	2386.8	2455.9	2489.5	2459.4	2475.6	2507.8	2493.0	2518.1	2530.1	2511.3	2546.8
-32.5°	2085.5	2099.0	2089.2	2072.1	2098.0	2101.2	2071.2	2107.3	2092.8	2098.0	2112.2
-35°	1819.5	1813.5	1767.8	1795.6	1801.4	1783.2	1788.4	1796.3	1770.1	1790.7	1788.5
-37.5°	1592.0	1571.8	1563.3	1570.3	1565.9	1546.8	1562.0	1558.3	1546.2	1559.8	1553.8
-40°	1407.2	1378.8	1394.5	1392.2	1377.3	1375.0	1383.1	1372.5	1374.5	1382.5	1376.3
-42.5°	1251.9	1248.9	1251.8	1246.6	1230.6	1240.9	1242.2	1229.1	1242.2	1247.9	1244.6
-45°	1124.9	1134.1	1132.2	1123.2	1121.8	1130.9	1130.1	1126.5	1136.9	1141.6	1143.0
-47.5°	1028.3	1033.0	1030.6	1017.8	1028.2	1037.2	1037.4	1041.9	1050.9	1054.6	1057.3
-50°	939.4	943.3	940.2	937.0	948.8	955.8	957.7	968.1	976.9	981.7	986.2
-52.5°	857.4	862.2	858.9	864.5	876.7	883.5	886.8	899.7	909.4	915.5	921.9
-55°	783.7	787.8	786.4	799.9	810.9	818.5	826.3	838.2	847.6	854.5	861.5
-57.5°	711.7	717.0	721.5	736.0	747.9	757.1	767.6	778.9	788.4	796.1	803.8
-60°	641.9	647.1	656.5	671.0	683.4	693.5	705.5	717.1	726.8	735.0	742.4
-62.5°	574.8	580.8	593.0	606.2	617.2	626.5	640.2	652.0	662.0	670.4	677.4
-65°	508.6	514.6	529.4	542.7	554.3	564.0	575.6	586.1	595.5	603.8	610.8
-67.5°	444.7	451.5	465.1	477.3	488.3	498.6	509.4	519.0	527.4	534.9	541.4
-70°	384.8	391.3	402.2	412.8	422.6	432.0	441.2	449.6	456.9	464.0	470.4
-72.5°	326.7	333.6	342.2	350.0	357.4	365.2	372.9	379.7	385.5	391.0	395.9
-75°	267.9	274.5	281.4	287.6	293.1	298.9	304.6	309.9	314.6	318.5	321.5
-77.5°	209.7	215.6	221.2	226.1	230.3	234.2	237.6	240.3	242.3	245.3	248.1
-80°	155.0	160.3	165.1	169.2	172.4	174.8	176.8	178.4	179.6	180.8	181.7
-82.5°	106.8	110.4	113.9	117.3	120.4	122.1	123.4	124.2	124.6	125.7	126.4
-85°	65.6	66.8	68.0	69.2	70.2	71.4	72.4	73.2	73.8	73.7	73.5
-87.5°	30.7	30.2	29.6	28.8	27.9	27.9	27.9	27.8	27.6	27.4	27.1
-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: P559166 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-927-U-NAT-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°	26.7	26.3	27.5	28.6	27.5	26.3	26.7	27.1	27.4	27.6	27.8
85°	73.0	72.4	73.7	74.9	73.7	72.4	73.0	73.5	73.7	73.8	73.2
82.5°	127.0	127.2	127.6	127.8	127.6	127.2	127.0	126.4	125.7	124.6	124.2
80°	182.1	182.1	181.6	180.7	181.6	182.1	182.1	181.7	180.8	179.6	178.4
77.5°	250.4	252.0	253.1	253.4	253.1	252.0	250.4	248.1	245.3	242.3	240.3
75°	323.4	324.5	324.6	323.9	324.6	324.5	323.4	321.5	318.5	314.6	309.9
72.5°	400.0	403.2	403.8	403.2	403.8	403.2	400.0	395.9	391.0	385.5	379.7
70°	475.7	479.9	479.8	478.1	479.8	479.9	475.7	470.4	464.0	456.9	449.6
67.5°	546.5	550.4	553.3	555.2	553.3	550.4	546.5	541.4	534.9	527.4	519.0
65°	616.3	620.5	622.8	623.5	622.8	620.5	616.3	610.8	603.8	595.5	586.1
62.5°	682.8	686.6	688.8	689.6	688.8	686.6	682.8	677.4	670.4	662.0	652.0
60°	748.2	752.4	753.0	751.3	753.0	752.4	748.2	742.4	735.0	726.8	717.1
57.5°	809.7	814.0	813.9	810.8	813.9	814.0	809.7	803.8	796.1	788.4	778.9
55°	866.5	869.6	870.8	870.3	870.8	869.6	866.5	861.5	854.5	847.6	838.2
52.5°	926.7	929.1	930.2	929.8	930.2	929.1	926.7	921.9	915.5	909.4	899.7
50°	989.4	989.7	989.6	989.3	989.6	989.7	989.4	986.2	981.7	976.9	968.1
47.5°	1061.1	1061.9	1062.0	1062.0	1062.0	1061.9	1061.1	1057.3	1054.6	1050.9	1041.9
45°	1145.9	1143.6	1141.1	1141.3	1141.1	1143.6	1145.9	1143.0	1141.6	1136.9	1126.5
42.5°	1247.6	1245.0	1241.8	1242.6	1241.8	1245.0	1247.6	1244.6	1247.9	1242.2	1229.1
40°	1381.7	1381.0	1376.5	1374.8	1376.5	1381.0	1381.7	1376.3	1382.5	1374.5	1372.5
37.5°	1554.8	1552.2	1542.2	1537.9	1542.2	1552.2	1554.8	1553.8	1559.8	1546.2	1558.3
35°	1782.4	1779.0	1763.6	1764.8	1763.6	1779.0	1782.4	1788.5	1790.7	1770.1	1796.3
32.5°	2105.1	2106.2	2083.0	2077.7	2083.0	2106.2	2105.1	2112.2	2098.0	2092.8	2107.3
30°	2524.7	2533.9	2506.6	2518.3	2506.6	2533.9	2524.7	2546.8	2511.3	2530.1	2518.1
27.5°	3126.2	3143.8	3119.6	3100.0	3119.6	3143.8	3126.2	3127.2	3074.5	3111.4	3049.1
25°	3954.0	3967.1	3939.5	3915.2	3939.5	3967.1	3954.0	3905.8	3869.0	3862.9	3813.5
22.5°	5031.5	5030.7	5029.3	5067.5	5029.3	5030.7	5031.5	4930.5	4912.3	4807.5	4833.9
20°	6342.9	6311.1	6358.7	6389.5	6358.7	6311.1	6342.9	6288.7	6204.9	6105.8	6044.6
17.5°	7845.1	7904.6	7950.3	8026.5	7950.3	7904.6	7845.1	7825.2	7739.2	7652.7	7501.2
15°	9616.4	9706.3	9752.0	9727.4	9752.0	9706.3	9616.4	9551.8	9526.0	9380.2	9304.1
12.5°	11847.0	11954.3	11875.1	11776.5	11875.1	11954.3	11847.0	11840.0	11640.6	11684.3	11441.8
10°	14993.1	15224.0	15236.9	15043.9	15236.9	15224.0	14993.1	14991.6	15087.2	14923.6	14919.8
7.5°	19820.0	19932.3	20102.8	20111.5	20102.8	19932.3	19820.0	19743.1	19611.0	19407.6	18982.8
5°	24770.3	25069.3	25262.1	25595.4	25262.1	25069.3	24770.3	24558.5	24091.3	23567.1	23118.6
2.5°	28146.5	28532.9	28681.3	29059.0	28681.3	28532.9	28146.5	27729.0	27082.7	26317.3	25490.0
0°	29376.2	29689.1	29876.4	30026.2	29876.4	29689.1	29376.2	28887.1	28338.5	27525.5	26624.3
-2.5°	28146.5	28532.9	28681.3	29059.0	28681.3	28532.9	28146.5	27729.0	27082.7	26317.3	25490.0
-5°	24770.3	25069.3	25262.1	25595.4	25262.1	25069.3	24770.3	24558.5	24091.3	23567.1	23118.6
-7.5°	19820.0	19932.3	20102.8	20111.5	20102.8	19932.3	19820.0	19743.1	19611.0	19407.6	18982.8
-10°	14993.1	15224.0	15236.9	15043.9	15236.9	15224.0	14993.1	14991.6	15087.2	14923.6	14919.8
-12.5°	11847.0	11954.3	11875.1	11776.5	11875.1	11954.3	11847.0	11840.0	11640.6	11684.3	11441.8
-15°	9616.4	9706.3	9752.0	9727.4	9752.0	9706.3	9616.4	9551.8	9526.0	9380.2	9304.1
-17.5°	7845.1	7904.6	7950.3	8026.5	7950.3	7904.6	7845.1	7825.2	7739.2	7652.7	7501.2
-20°	6342.9	6311.1	6358.7	6389.5	6358.7	6311.1	6342.9	6288.7	6204.9	6105.8	6044.6



REPORT NUMBER: P559166 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5031.5	5030.7	5029.3	5067.5	5029.3	5030.7	5031.5	4930.5	4912.3	4807.5	4833.9
-25°	3954.0	3967.1	3939.5	3915.2	3939.5	3967.1	3954.0	3905.8	3869.0	3862.9	3813.5
-27.5°	3126.2	3143.8	3119.6	3100.0	3119.6	3143.8	3126.2	3127.2	3074.5	3111.4	3049.1
-30°	2524.7	2533.9	2506.6	2518.3	2506.6	2533.9	2524.7	2546.8	2511.3	2530.1	2518.1
-32.5°	2105.1	2106.2	2083.0	2077.7	2083.0	2106.2	2105.1	2112.2	2098.0	2092.8	2107.3
-35°	1782.4	1779.0	1763.6	1764.8	1763.6	1779.0	1782.4	1788.5	1790.7	1770.1	1796.3
-37.5°	1554.8	1552.2	1542.2	1537.9	1542.2	1552.2	1554.8	1553.8	1559.8	1546.2	1558.3
-40°	1381.7	1381.0	1376.5	1374.8	1376.5	1381.0	1381.7	1376.3	1382.5	1374.5	1372.5
-42.5°	1247.6	1245.0	1241.8	1242.6	1241.8	1245.0	1247.6	1244.6	1247.9	1242.2	1229.1
-45°	1145.9	1143.6	1141.1	1141.3	1141.1	1143.6	1145.9	1143.0	1141.6	1136.9	1126.5
-47.5°	1061.1	1061.9	1062.0	1062.0	1062.0	1061.9	1061.1	1057.3	1054.6	1050.9	1041.9
-50°	989.4	989.7	989.6	989.3	989.6	989.7	989.4	986.2	981.7	976.9	968.1
-52.5°	926.7	929.1	930.2	929.8	930.2	929.1	926.7	921.9	915.5	909.4	899.7
-55°	866.5	869.6	870.8	870.3	870.8	869.6	866.5	861.5	854.5	847.6	838.2
-57.5°	809.7	814.0	813.9	810.8	813.9	814.0	809.7	803.8	796.1	788.4	778.9
-60°	748.2	752.4	753.0	751.3	753.0	752.4	748.2	742.4	735.0	726.8	717.1
-62.5°	682.8	686.6	688.8	689.6	688.8	686.6	682.8	677.4	670.4	662.0	652.0
-65°	616.3	620.5	622.8	623.5	622.8	620.5	616.3	610.8	603.8	595.5	586.1
-67.5°	546.5	550.4	553.3	555.2	553.3	550.4	546.5	541.4	534.9	527.4	519.0
-70°	475.7	479.9	479.8	478.1	479.8	479.9	475.7	470.4	464.0	456.9	449.6
-72.5°	400.0	403.2	403.8	403.2	403.8	403.2	400.0	395.9	391.0	385.5	379.7
-75°	323.4	324.5	324.6	323.9	324.6	324.5	323.4	321.5	318.5	314.6	309.9
-77.5°	250.4	252.0	253.1	253.4	253.1	252.0	250.4	248.1	245.3	242.3	240.3
-80°	182.1	182.1	181.6	180.7	181.6	182.1	182.1	181.7	180.8	179.6	178.4
-82.5°	127.0	127.2	127.6	127.8	127.6	127.2	127.0	126.4	125.7	124.6	124.2
-85°	73.0	72.4	73.7	74.9	73.7	72.4	73.0	73.5	73.7	73.8	73.2
-87.5°	26.7	26.3	27.5	28.6	27.5	26.3	26.7	27.1	27.4	27.6	27.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559166 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	27.9	27.9	27.9	28.8	29.6	30.2	30.7	29.7	28.7	27.6	26.5
85°	72.4	71.4	70.2	69.2	68.0	66.8	65.6	64.6	63.3	61.5	59.4
82.5°	123.4	122.1	120.4	117.3	113.9	110.4	106.8	104.9	102.7	100.2	97.4
80°	176.8	174.8	172.4	169.2	165.1	160.3	155.0	151.1	146.5	142.0	138.6
77.5°	237.6	234.2	230.3	226.1	221.2	215.6	209.7	204.5	198.9	192.5	187.0
75°	304.6	298.9	293.1	287.6	281.4	274.5	267.9	261.9	254.7	246.2	239.6
72.5°	372.9	365.2	357.4	350.0	342.2	333.6	326.7	320.5	312.5	302.6	295.9
70°	441.2	432.0	422.6	412.8	402.2	391.3	384.8	379.2	371.7	361.7	355.6
67.5°	509.4	498.6	488.3	477.3	465.1	451.5	444.7	437.2	428.8	418.7	416.0
65°	575.6	564.0	554.3	542.7	529.4	514.6	508.6	500.5	490.1	479.1	477.4
62.5°	640.2	626.5	617.2	606.2	593.0	580.8	574.8	565.6	553.7	545.6	544.4
60°	705.5	693.5	683.4	671.0	656.5	647.1	641.9	632.5	618.9	615.6	614.1
57.5°	767.6	757.1	747.9	736.0	721.5	717.0	711.7	701.8	687.7	689.7	686.4
55°	826.3	818.5	810.9	799.9	786.4	787.8	783.7	774.0	765.7	768.2	764.3
52.5°	886.8	883.5	876.7	864.5	858.9	862.2	857.4	847.9	849.5	852.4	846.1
50°	957.7	955.8	948.8	937.0	940.2	943.3	939.4	927.4	938.8	941.4	933.1
47.5°	1037.4	1037.2	1028.2	1017.8	1030.6	1033.0	1028.3	1029.2	1038.8	1036.2	1026.0
45°	1130.1	1130.9	1121.8	1123.2	1132.2	1134.1	1124.9	1142.0	1148.1	1142.5	1124.2
42.5°	1242.2	1240.9	1230.6	1246.6	1251.8	1248.9	1251.9	1269.5	1269.8	1257.0	1258.0
40°	1383.1	1375.0	1377.3	1392.2	1394.5	1378.8	1407.2	1414.0	1407.8	1384.0	1417.4
37.5°	1562.0	1546.8	1565.9	1570.3	1563.3	1571.8	1592.0	1587.8	1561.2	1584.5	1605.3
35°	1788.4	1783.2	1801.4	1795.6	1767.8	1813.5	1819.5	1790.9	1781.2	1824.0	1821.5
32.5°	2071.2	2101.2	2098.0	2072.1	2089.2	2099.0	2085.5	2037.4	2099.0	2115.3	2077.6
30°	2493.0	2507.8	2475.6	2459.4	2489.5	2455.9	2386.8	2457.0	2483.8	2450.5	2367.0
27.5°	3067.9	3025.3	2966.6	3004.1	2969.1	2888.4	2913.0	2948.6	2917.6	2837.2	2742.5
25°	3799.4	3679.2	3709.0	3683.3	3567.4	3545.8	3581.8	3541.5	3429.3	3309.0	3441.4
22.5°	4718.4	4674.0	4625.3	4479.7	4444.4	4454.6	4367.6	4205.4	4106.8	4233.2	4237.2
20°	5953.5	5876.7	5709.2	5647.0	5615.3	5464.8	5246.2	5223.9	5327.4	5274.3	5114.4
17.5°	7435.4	7233.8	7198.9	7101.3	6915.8	6620.4	6732.5	6771.1	6672.5	6396.9	6061.2
15°	9033.3	9149.3	9048.4	8749.6	8572.7	8706.0	8640.8	8425.1	8126.1	7621.8	7050.4
12.5°	11655.6	11485.3	11060.3	11216.5	11172.5	11010.6	10680.4	10206.1	9585.2	8768.3	7945.2
10°	14698.9	14575.9	14452.3	14246.9	13909.1	13428.8	12626.6	11735.5	10808.0	9844.5	8844.6
7.5°	18664.5	18332.6	17909.9	17155.9	16213.3	15241.5	14224.4	13161.2	12028.6	10904.3	9736.0
5°	22272.3	21296.7	20301.2	19266.4	18123.9	16961.2	15787.6	14562.3	13227.7	11933.2	10600.1
2.5°	24546.8	23531.3	22434.3	21238.6	19768.0	18283.1	16798.7	15314.8	13725.9	12229.2	10733.5
0°	25558.0	24374.8	23019.8	21673.6	20206.2	18657.3	16996.0	15473.6	13847.6	12325.1	10809.3
-2.5°	24546.8	23531.3	22434.3	21238.6	19768.0	18283.1	16798.7	15314.8	13725.9	12229.2	10733.5
-5°	22272.3	21296.7	20301.2	19266.4	18123.9	16961.2	15787.6	14562.3	13227.7	11933.2	10600.1
-7.5°	18664.5	18332.6	17909.9	17155.9	16213.3	15241.5	14224.4	13161.2	12028.6	10904.3	9736.0
-10°	14698.9	14575.9	14452.3	14246.9	13909.1	13428.8	12626.6	11735.5	10808.0	9844.5	8844.6
-12.5°	11655.6	11485.3	11060.3	11216.5	11172.5	11010.6	10680.4	10206.1	9585.2	8768.3	7945.2
-15°	9033.3	9149.3	9048.4	8749.6	8572.7	8706.0	8640.8	8425.1	8126.1	7621.8	7050.4
-17.5°	7435.4	7233.8	7198.9	7101.3	6915.8	6620.4	6732.5	6771.1	6672.5	6396.9	6061.2
-20°	5953.5	5876.7	5709.2	5647.0	5615.3	5464.8	5246.2	5223.9	5327.4	5274.3	5114.4



REPORT NUMBER: P559166 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4718.4	4674.0	4625.3	4479.7	4444.4	4454.6	4367.6	4205.4	4106.8	4233.2	4237.2
-25°	3799.4	3679.2	3709.0	3683.3	3567.4	3545.8	3581.8	3541.5	3429.3	3309.0	3441.4
-27.5°	3067.9	3025.3	2966.6	3004.1	2969.1	2888.4	2913.0	2948.6	2917.6	2837.2	2742.5
-30°	2493.0	2507.8	2475.6	2459.4	2489.5	2455.9	2386.8	2457.0	2483.8	2450.5	2367.0
-32.5°	2071.2	2101.2	2098.0	2072.1	2089.2	2099.0	2085.5	2037.4	2099.0	2115.3	2077.6
-35°	1788.4	1783.2	1801.4	1795.6	1767.8	1813.5	1819.5	1790.9	1781.2	1824.0	1821.5
-37.5°	1562.0	1546.8	1565.9	1570.3	1563.3	1571.8	1592.0	1587.8	1561.2	1584.5	1605.3
-40°	1383.1	1375.0	1377.3	1392.2	1394.5	1378.8	1407.2	1414.0	1407.8	1384.0	1417.4
-42.5°	1242.2	1240.9	1230.6	1246.6	1251.8	1248.9	1251.9	1269.5	1269.8	1257.0	1258.0
-45°	1130.1	1130.9	1121.8	1123.2	1132.2	1134.1	1124.9	1142.0	1148.1	1142.5	1124.2
-47.5°	1037.4	1037.2	1028.2	1017.8	1030.6	1033.0	1028.3	1029.2	1038.8	1036.2	1026.0
-50°	957.7	955.8	948.8	937.0	940.2	943.3	939.4	927.4	938.8	941.4	933.1
-52.5°	886.8	883.5	876.7	864.5	858.9	862.2	857.4	847.9	849.5	852.4	846.1
-55°	826.3	818.5	810.9	799.9	786.4	787.8	783.7	774.0	765.7	768.2	764.3
-57.5°	767.6	757.1	747.9	736.0	721.5	717.0	711.7	701.8	687.7	689.7	686.4
-60°	705.5	693.5	683.4	671.0	656.5	647.1	641.9	632.5	618.9	615.6	614.1
-62.5°	640.2	626.5	617.2	606.2	593.0	580.8	574.8	565.6	553.7	545.6	544.4
-65°	575.6	564.0	554.3	542.7	529.4	514.6	508.6	500.5	490.1	479.1	477.4
-67.5°	509.4	498.6	488.3	477.3	465.1	451.5	444.7	437.2	428.8	418.7	416.0
-70°	441.2	432.0	422.6	412.8	402.2	391.3	384.8	379.2	371.7	361.7	355.6
-72.5°	372.9	365.2	357.4	350.0	342.2	333.6	326.7	320.5	312.5	302.6	295.9
-75°	304.6	298.9	293.1	287.6	281.4	274.5	267.9	261.9	254.7	246.2	239.6
-77.5°	237.6	234.2	230.3	226.1	221.2	215.6	209.7	204.5	198.9	192.5	187.0
-80°	176.8	174.8	172.4	169.2	165.1	160.3	155.0	151.1	146.5	142.0	138.6
-82.5°	123.4	122.1	120.4	117.3	113.9	110.4	106.8	104.9	102.7	100.2	97.4
-85°	72.4	71.4	70.2	69.2	68.0	66.8	65.6	64.6	63.3	61.5	59.4
-87.5°	27.9	27.9	27.9	28.8	29.6	30.2	30.7	29.7	28.7	27.6	26.5
-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: P559166 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	25.7	24.8	23.8	22.8	21.6	20.4	19.1	17.7	16.5	15.1	13.6
85°	57.4	54.9	52.1	48.8	45.2	40.8	38.2	35.4	32.9	30.2	27.2
82.5°	94.8	91.8	88.3	84.3	80.8	76.1	70.2	63.0	55.0	46.2	40.7
80°	137.4	134.7	130.3	124.4	118.4	111.5	104.8	96.5	86.3	75.0	62.6
77.5°	184.6	180.6	175.1	168.9	161.2	152.3	142.1	130.6	117.6	103.8	88.7
75°	235.8	231.2	224.9	216.3	205.5	193.1	180.8	167.1	151.4	132.9	114.7
72.5°	291.7	285.2	276.4	264.9	252.3	237.6	221.0	203.7	186.2	165.5	141.6
70°	349.7	341.1	330.7	318.5	302.3	282.4	263.4	243.9	221.2	198.0	171.4
67.5°	409.7	400.0	387.3	373.6	356.4	334.4	307.3	285.3	260.9	230.7	201.1
65°	472.0	461.2	445.5	431.8	412.5	388.1	359.0	329.7	301.0	268.4	230.8
62.5°	537.6	525.4	510.5	492.8	470.7	443.8	411.7	380.4	342.9	306.2	264.0
60°	606.9	593.7	578.4	559.4	532.8	500.9	467.9	431.4	390.5	344.2	298.7
57.5°	678.5	664.1	651.4	629.3	599.3	562.1	526.6	486.6	438.3	386.7	333.3
55°	752.8	739.3	727.9	704.1	669.3	627.3	590.3	544.9	487.8	430.4	367.8
52.5°	832.2	822.7	808.9	782.5	744.2	699.3	662.5	604.8	543.9	473.9	406.5
50°	915.9	915.6	897.5	865.6	821.8	784.7	738.5	675.9	600.9	519.8	445.9
47.5°	1019.1	1017.7	996.2	954.8	904.6	876.6	824.4	750.8	658.8	572.3	485.5
45°	1136.5	1128.5	1102.3	1055.9	1011.1	980.9	917.2	828.3	729.4	626.0	525.1
42.5°	1266.6	1252.5	1216.1	1162.0	1143.9	1096.3	1015.0	916.6	801.8	679.7	569.0
40°	1419.0	1389.2	1339.0	1311.7	1292.8	1221.2	1127.9	1009.4	875.6	737.0	615.5
37.5°	1587.6	1544.0	1477.0	1497.7	1458.3	1370.0	1248.7	1105.4	952.9	802.1	661.4
35°	1784.9	1716.6	1718.1	1715.1	1648.1	1529.0	1375.7	1209.3	1038.5	866.9	706.7
32.5°	2000.6	1982.9	2013.3	1964.1	1855.6	1697.8	1518.0	1323.6	1125.2	931.2	751.1
30°	2307.0	2380.2	2347.9	2237.8	2084.9	1891.4	1670.6	1440.6	1212.7	994.9	797.0
27.5°	2835.2	2832.6	2724.6	2554.1	2342.1	2096.7	1825.1	1559.6	1300.5	1061.5	848.8
25°	3431.5	3346.0	3160.2	2902.3	2614.9	2302.2	1982.0	1680.5	1396.1	1133.3	899.1
22.5°	4112.4	3905.2	3632.5	3273.0	2884.7	2513.6	2149.2	1812.7	1494.9	1203.7	947.7
20°	4848.8	4501.6	4126.7	3636.5	3175.8	2743.7	2326.1	1943.6	1592.4	1272.3	994.3
17.5°	5637.4	5117.0	4597.4	4030.1	3481.5	2975.8	2502.7	2072.5	1687.6	1338.7	1038.5
15°	6401.4	5732.4	5082.0	4426.5	3788.3	3207.5	2677.1	2198.0	1779.9	1402.2	1073.4
12.5°	7154.6	6356.2	5573.3	4820.9	4092.8	3435.9	2847.5	2319.2	1868.3	1447.7	1096.1
10°	7906.3	6979.8	6064.2	5208.6	4390.9	3658.4	3011.8	2413.7	1910.0	1476.8	1114.9
7.5°	8646.7	7593.8	6546.8	5584.0	4647.8	3803.8	3082.0	2456.5	1937.5	1500.2	1129.7
5°	9250.8	7994.5	6766.4	5695.4	4719.9	3861.5	3125.3	2489.7	1956.4	1518.0	1140.6
2.5°	9332.4	8060.3	6799.1	5739.3	4768.1	3900.9	3154.1	2512.7	1967.1	1529.9	1147.4
0°	9363.9	8081.6	6794.9	5752.7	4792.1	3921.8	3168.3	2524.9	1969.7	1535.7	1150.1
-2.5°	9332.4	8060.3	6799.1	5739.3	4768.1	3900.9	3154.1	2512.7	1967.1	1529.9	1147.4
-5°	9250.8	7994.5	6766.4	5695.4	4719.9	3861.5	3125.3	2489.7	1956.4	1518.0	1140.6
-7.5°	8646.7	7593.8	6546.8	5584.0	4647.8	3803.8	3082.0	2456.5	1937.5	1500.2	1129.7
-10°	7906.3	6979.8	6064.2	5208.6	4390.9	3658.4	3011.8	2413.7	1910.0	1476.8	1114.9
-12.5°	7154.6	6356.2	5573.3	4820.9	4092.8	3435.9	2847.5	2319.2	1868.3	1447.7	1096.1
-15°	6401.4	5732.4	5082.0	4426.5	3788.3	3207.5	2677.1	2198.0	1779.9	1402.2	1073.4
-17.5°	5637.4	5117.0	4597.4	4030.1	3481.5	2975.8	2502.7	2072.5	1687.6	1338.7	1038.5
-20°	4848.8	4501.6	4126.7	3636.5	3175.8	2743.7	2326.1	1943.6	1592.4	1272.3	994.3



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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°	4112.4	3905.2	3632.5	3273.0	2884.7	2513.6	2149.2	1812.7	1494.9	1203.7	947.7
-25°	3431.5	3346.0	3160.2	2902.3	2614.9	2302.2	1982.0	1680.5	1396.1	1133.3	899.1
-27.5°	2835.2	2832.6	2724.6	2554.1	2342.1	2096.7	1825.1	1559.6	1300.5	1061.5	848.8
-30°	2307.0	2380.2	2347.9	2237.8	2084.9	1891.4	1670.6	1440.6	1212.7	994.9	797.0
-32.5°	2000.6	1982.9	2013.3	1964.1	1855.6	1697.8	1518.0	1323.6	1125.2	931.2	751.1
-35°	1784.9	1716.6	1718.1	1715.1	1648.1	1529.0	1375.7	1209.3	1038.5	866.9	706.7
-37.5°	1587.6	1544.0	1477.0	1497.7	1458.3	1370.0	1248.7	1105.4	952.9	802.1	661.4
-40°	1419.0	1389.2	1339.0	1311.7	1292.8	1221.2	1127.9	1009.4	875.6	737.0	615.5
-42.5°	1266.6	1252.5	1216.1	1162.0	1143.9	1096.3	1015.0	916.6	801.8	679.7	569.0
-45°	1136.5	1128.5	1102.3	1055.9	1011.1	980.9	917.2	828.3	729.4	626.0	525.1
-47.5°	1019.1	1017.7	996.2	954.8	904.6	876.6	824.4	750.8	658.8	572.3	485.5
-50°	915.9	915.6	897.5	865.6	821.8	784.7	738.5	675.9	600.9	519.8	445.9
-52.5°	832.2	822.7	808.9	782.5	744.2	699.3	662.5	604.8	543.9	473.9	406.5
-55°	752.8	739.3	727.9	704.1	669.3	627.3	590.3	544.9	487.8	430.4	367.8
-57.5°	678.5	664.1	651.4	629.3	599.3	562.1	526.6	486.6	438.3	386.7	333.3
-60°	606.9	593.7	578.4	559.4	532.8	500.9	467.9	431.4	390.5	344.2	298.7
-62.5°	537.6	525.4	510.5	492.8	470.7	443.8	411.7	380.4	342.9	306.2	264.0
-65°	472.0	461.2	445.5	431.8	412.5	388.1	359.0	329.7	301.0	268.4	230.8
-67.5°	409.7	400.0	387.3	373.6	356.4	334.4	307.3	285.3	260.9	230.7	201.1
-70°	349.7	341.1	330.7	318.5	302.3	282.4	263.4	243.9	221.2	198.0	171.4
-72.5°	291.7	285.2	276.4	264.9	252.3	237.6	221.0	203.7	186.2	165.5	141.6
-75°	235.8	231.2	224.9	216.3	205.5	193.1	180.8	167.1	151.4	132.9	114.7
-77.5°	184.6	180.6	175.1	168.9	161.2	152.3	142.1	130.6	117.6	103.8	88.7
-80°	137.4	134.7	130.3	124.4	118.4	111.5	104.8	96.5	86.3	75.0	62.6
-82.5°	94.8	91.8	88.3	84.3	80.8	76.1	70.2	63.0	55.0	46.2	40.7
-85°	57.4	54.9	52.1	48.8	45.2	40.8	38.2	35.4	32.9	30.2	27.2
-87.5°	25.7	24.8	23.8	22.8	21.6	20.4	19.1	17.7	16.5	15.1	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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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°	12.0	10.6	9.0	7.1	5.0	2.5	0.0
85°	24.0	21.2	18.0	14.2	10.0	5.0	0.0
82.5°	36.0	31.8	27.0	21.3	14.9	7.5	0.0
80°	49.3	42.4	35.9	28.4	19.9	9.9	0.0
77.5°	72.5	56.3	44.8	35.4	24.8	12.4	0.0
75°	95.6	76.3	55.1	42.5	29.6	14.8	0.0
72.5°	118.7	96.1	71.5	49.4	34.4	17.2	0.0
70°	142.1	115.9	87.8	57.4	39.2	19.6	0.0
67.5°	168.9	135.4	103.9	69.8	43.8	21.9	0.0
65°	195.5	156.7	119.9	82.1	48.4	24.2	0.0
62.5°	222.1	179.6	135.6	94.2	52.9	26.5	0.0
60°	248.5	202.3	151.1	106.1	57.2	28.6	0.0
57.5°	278.4	224.8	169.4	117.7	65.0	30.8	0.0
55°	308.5	247.0	187.6	129.2	72.6	32.9	0.0
52.5°	338.2	269.4	205.4	140.4	80.0	34.9	0.0
50°	367.4	294.0	223.0	151.3	87.2	36.8	0.0
47.5°	396.9	318.1	240.1	162.5	94.2	38.7	0.0
45°	431.2	341.6	256.8	175.1	100.9	40.5	0.0
42.5°	465.1	364.5	273.2	187.3	107.3	42.2	0.0
40°	498.8	386.8	289.9	198.7	113.5	43.9	0.0
37.5°	532.0	408.4	307.0	209.3	119.5	45.5	0.0
35°	564.7	432.9	323.5	219.2	125.1	46.9	0.0
32.5°	598.2	458.6	339.2	228.4	130.4	48.3	0.0
30°	634.1	483.5	354.2	237.0	135.4	49.6	0.0
27.5°	668.7	507.5	366.7	244.9	140.1	50.8	0.0
25°	702.0	530.4	378.2	252.0	144.5	51.9	0.0
22.5°	733.8	550.9	388.9	258.5	148.5	52.9	0.0
20°	764.0	566.5	398.7	264.2	152.1	53.8	0.0
17.5°	786.8	580.3	407.6	269.2	155.4	54.6	0.0
15°	803.8	592.1	415.5	273.5	158.3	55.3	0.0
12.5°	818.3	602.0	422.4	277.0	160.8	55.9	0.0
10°	830.4	610.0	428.3	279.9	162.9	56.4	0.0
7.5°	839.9	616.1	433.1	282.0	164.7	56.8	0.0
5°	846.8	620.4	436.8	283.4	166.0	57.1	0.0
2.5°	851.1	622.9	439.3	284.2	166.9	57.2	0.0
0°	852.7	623.5	440.7	284.2	167.4	57.3	0.0
-2.5°	851.1	622.9	439.3	284.2	166.9	57.2	0.0
-5°	846.8	620.4	436.8	283.4	166.0	57.1	0.0
-7.5°	839.9	616.1	433.1	282.0	164.7	56.8	0.0
-10°	830.4	610.0	428.3	279.9	162.9	56.4	0.0
-12.5°	818.3	602.0	422.4	277.0	160.8	55.9	0.0
-15°	803.8	592.1	415.5	273.5	158.3	55.3	0.0
-17.5°	786.8	580.3	407.6	269.2	155.4	54.6	0.0
-20°	764.0	566.5	398.7	264.2	152.1	53.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	733.8	550.9	388.9	258.5	148.5	52.9	0.0
-25°	702.0	530.4	378.2	252.0	144.5	51.9	0.0
-27.5°	668.7	507.5	366.7	244.9	140.1	50.8	0.0
-30°	634.1	483.5	354.2	237.0	135.4	49.6	0.0
-32.5°	598.2	458.6	339.2	228.4	130.4	48.3	0.0
-35°	564.7	432.9	323.5	219.2	125.1	46.9	0.0
-37.5°	532.0	408.4	307.0	209.3	119.5	45.5	0.0
-40°	498.8	386.8	289.9	198.7	113.5	43.9	0.0
-42.5°	465.1	364.5	273.2	187.3	107.3	42.2	0.0
-45°	431.2	341.6	256.8	175.1	100.9	40.5	0.0
-47.5°	396.9	318.1	240.1	162.5	94.2	38.7	0.0
-50°	367.4	294.0	223.0	151.3	87.2	36.8	0.0
-52.5°	338.2	269.4	205.4	140.4	80.0	34.9	0.0
-55°	308.5	247.0	187.6	129.2	72.6	32.9	0.0
-57.5°	278.4	224.8	169.4	117.7	65.0	30.8	0.0
-60°	248.5	202.3	151.1	106.1	57.2	28.6	0.0
-62.5°	222.1	179.6	135.6	94.2	52.9	26.5	0.0
-65°	195.5	156.7	119.9	82.1	48.4	24.2	0.0
-67.5°	168.9	135.4	103.9	69.8	43.8	21.9	0.0
-70°	142.1	115.9	87.8	57.4	39.2	19.6	0.0
-72.5°	118.7	96.1	71.5	49.4	34.4	17.2	0.0
-75°	95.6	76.3	55.1	42.5	29.6	14.8	0.0
-77.5°	72.5	56.3	44.8	35.4	24.8	12.4	0.0
-80°	49.3	42.4	35.9	28.4	19.9	9.9	0.0
-82.5°	36.0	31.8	27.0	21.3	14.9	7.5	0.0
-85°	24.0	21.2	18.0	14.2	10.0	5.0	0.0
-87.5°	12.0	10.6	9.0	7.1	5.0	2.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)