

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: P558698 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-930-U-WAF-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558698 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-8)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA2D-930-U-WAF-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (32) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

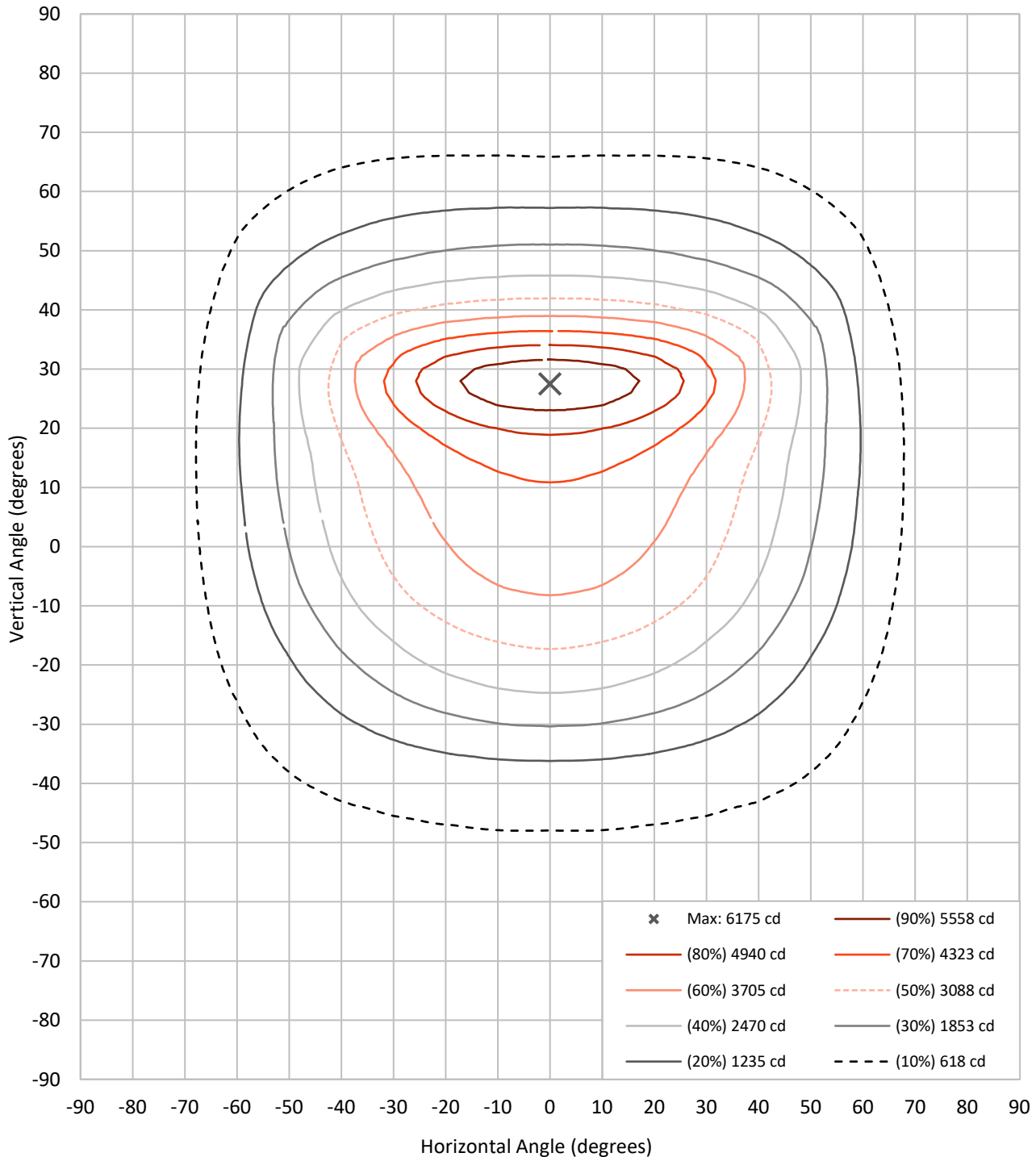
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	9002.1 lumens	Max Intensity:	6175 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	81.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	85°H x 59.2°V	Field Angle (10%):	134.5°H x 113.8°V
Beam Lumens:	4678.4 lumens	Field Lumens:	8327.7 lumens
Beam Efficiency:	52.0%	Field Efficiency:	92.5%
Input Watts (W):	110		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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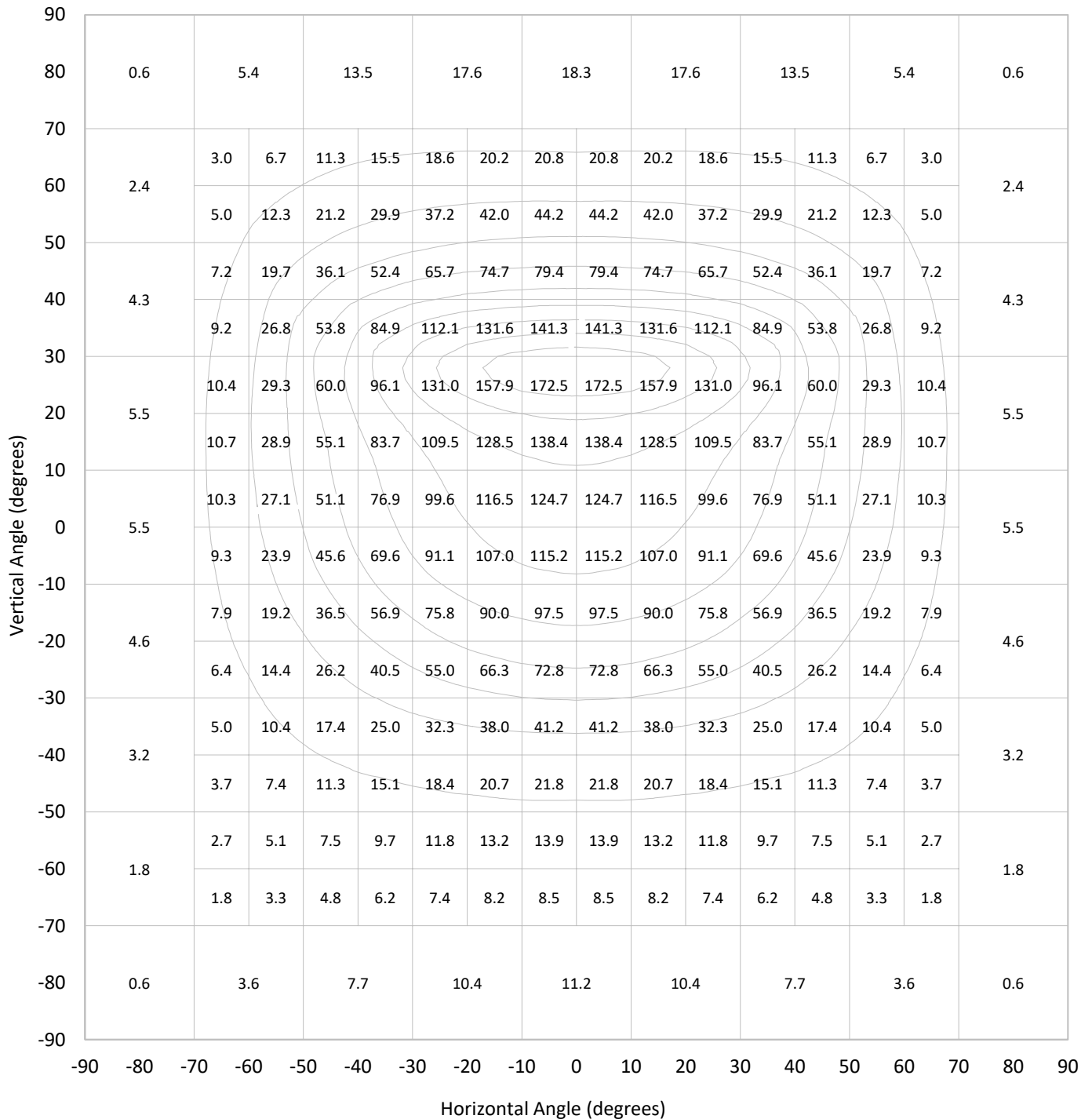
Iso-Candela Plot





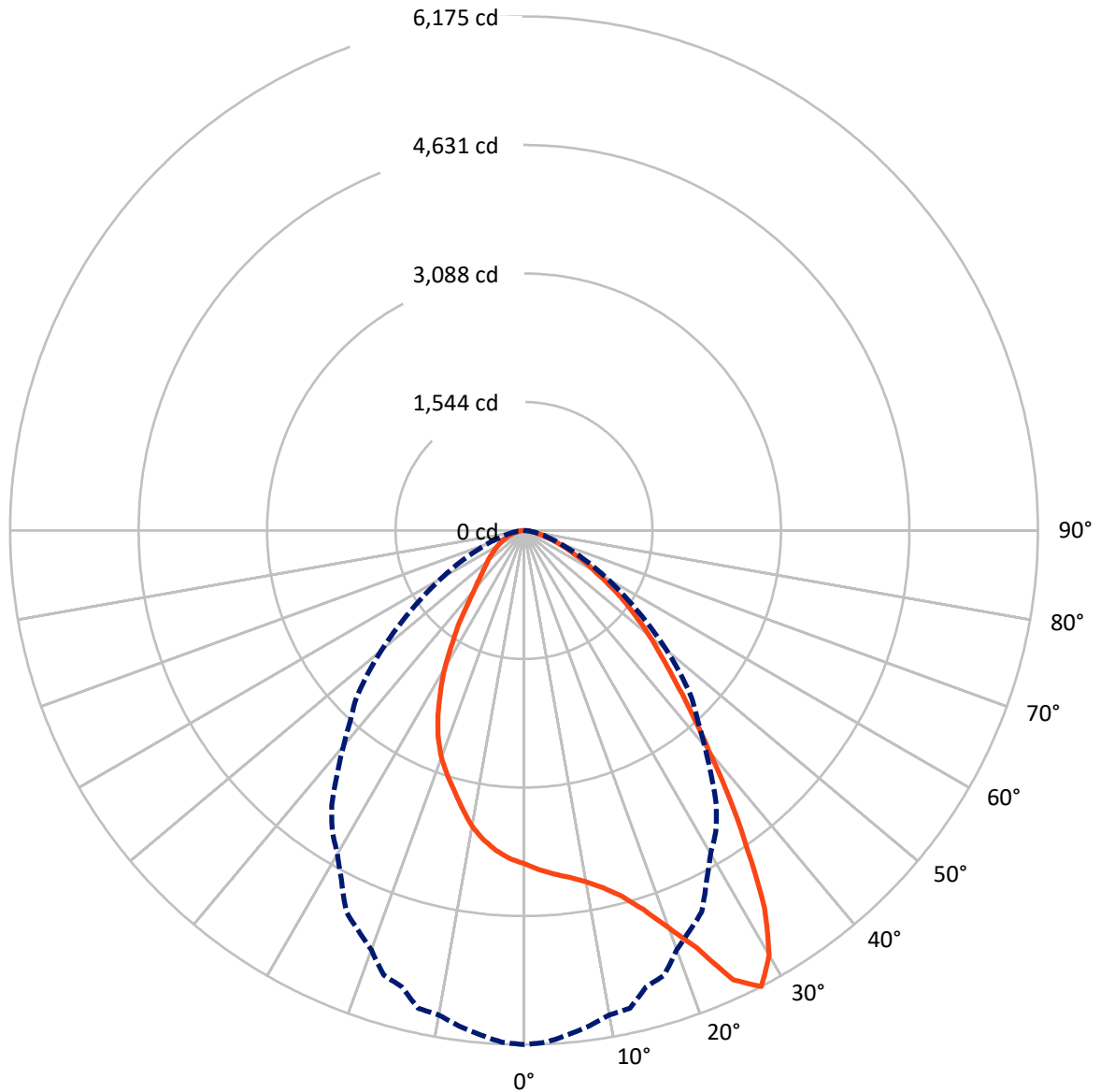
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Lumen Table



REPORT NUMBER: P558698 (CONVERTED FROM TYPE C PHOTOMETRY)
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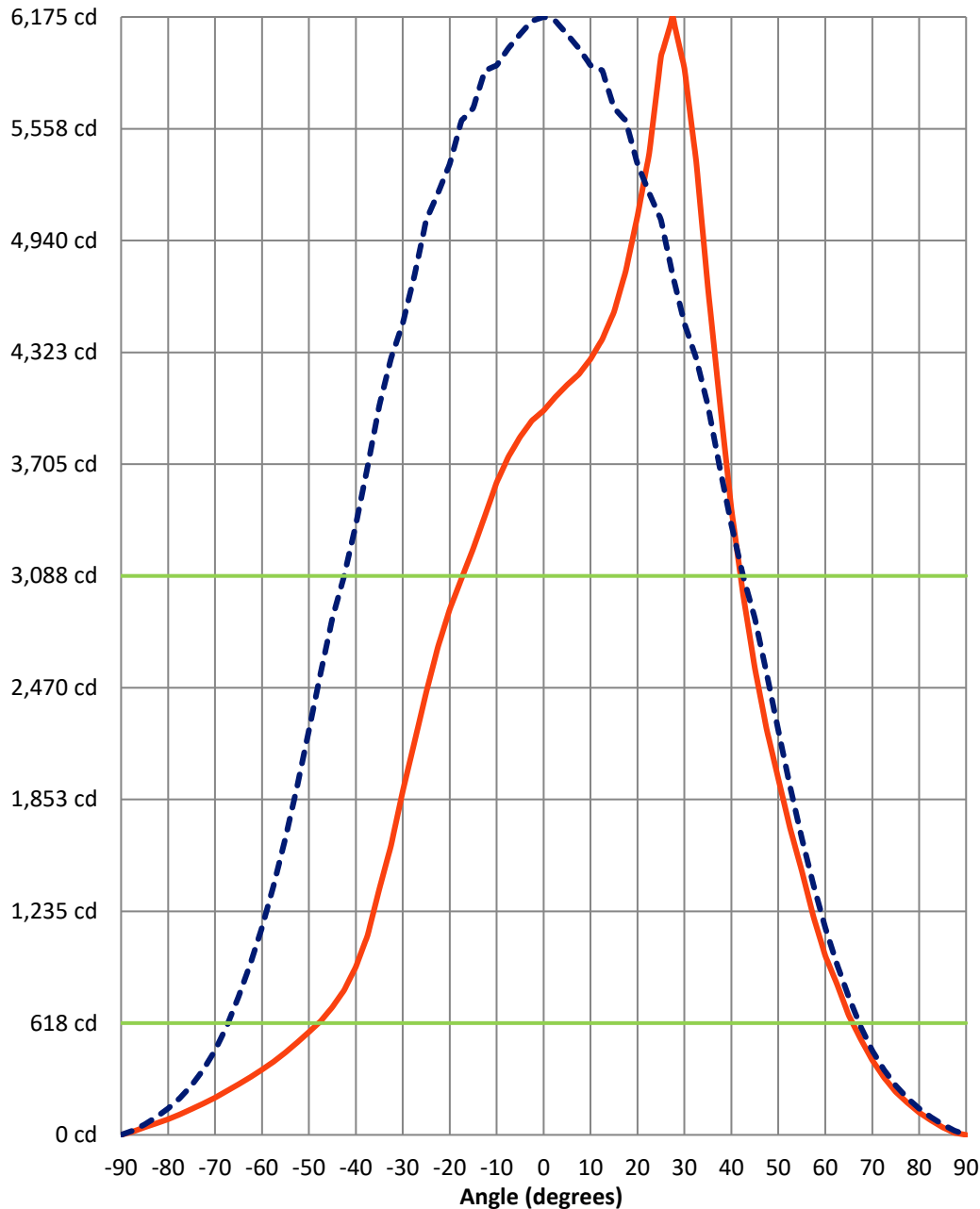
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 27.5-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 85°
 V Angle: 59.2°
 Lumens: 4678.4
 Efficiency: 52.0%

Field:
 H Angle: 134.5°
 V Angle: 113.8°
 Lumens: 8327.7
 Efficiency: 92.5%

Spill:
 Lumens: 674.4
 Efficiency: 7.5%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 27.5-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	1.2	2.4	3.6	4.7	5.8	6.9	7.9	8.9	9.9	10.8
85°	0.0	2.4	4.8	7.1	9.4	11.6	13.8	15.8	17.8	19.8	21.6
82.5°	0.0	3.5	7.2	10.7	14.1	17.4	20.6	23.7	27.3	33.2	39.4
80°	0.0	4.7	9.5	14.2	18.7	23.1	28.0	35.8	43.9	52.4	61.2
77.5°	0.0	5.9	11.9	17.7	23.3	30.2	39.8	49.9	60.5	71.4	84.2
75°	0.0	7.0	14.2	21.1	28.4	39.5	51.4	63.8	77.2	94.1	111.4
72.5°	0.0	8.1	16.5	24.6	35.6	48.8	62.8	78.6	97.9	117.8	138.1
70°	0.0	9.2	18.8	28.3	42.6	57.9	74.5	96.1	118.3	141.1	167.8
67.5°	0.0	10.3	21.0	33.3	49.5	66.7	88.7	113.3	138.3	167.9	197.8
65°	0.0	11.4	23.1	38.2	56.2	76.6	102.6	130.0	161.5	194.2	228.8
62.5°	0.0	12.5	25.3	43.0	62.8	87.4	116.0	148.7	184.1	220.7	263.0
60°	0.0	13.5	27.4	47.7	69.2	97.8	128.9	167.8	206.1	249.9	296.1
57.5°	0.0	14.5	30.3	52.2	76.8	107.8	143.5	186.2	230.0	278.1	334.0
55°	0.0	15.5	33.1	56.6	84.3	117.3	157.7	203.3	253.7	306.6	372.7
52.5°	0.0	16.4	35.9	60.8	91.4	126.7	171.1	221.4	276.3	338.5	409.2
50°	0.0	17.3	38.6	64.8	98.1	137.0	183.7	238.7	299.1	368.5	452.8
47.5°	0.0	18.2	41.1	68.9	104.5	146.6	195.8	254.8	323.4	396.4	494.4
45°	0.0	19.0	43.6	73.4	110.6	155.6	208.3	269.6	344.6	430.2	532.7
42.5°	0.0	19.8	46.0	77.6	116.2	164.0	219.9	285.1	364.1	461.3	575.8
40°	0.0	20.6	48.2	81.6	121.9	171.7	230.5	300.7	383.7	489.3	616.2
37.5°	0.0	21.3	50.3	85.5	127.6	178.6	240.0	314.8	404.9	514.9	652.4
35°	0.0	22.0	52.3	89.0	132.8	185.6	248.5	327.5	423.6	542.1	686.5
32.5°	0.0	22.6	54.1	92.4	137.5	192.1	256.6	338.7	439.7	565.4	716.9
30°	0.0	23.2	55.9	95.4	141.7	197.8	265.4	349.1	453.3	584.7	742.0
27.5°	0.0	23.8	57.5	98.2	145.7	202.8	273.0	359.9	466.0	600.2	762.0
25°	0.0	24.3	58.9	100.8	149.2	206.9	279.4	368.8	478.3	614.4	777.1
22.5°	0.0	24.7	60.2	103.0	152.3	210.6	284.6	375.6	487.5	625.9	789.9
20°	0.0	25.1	61.4	105.0	154.8	214.2	288.6	380.6	493.8	633.3	798.2
17.5°	0.0	25.5	62.4	106.7	156.8	217.1	292.3	383.7	497.3	636.8	802.0
15°	0.0	25.8	63.3	108.2	158.4	219.5	295.2	385.9	498.0	636.6	801.5
12.5°	0.0	26.1	64.1	109.3	159.5	221.2	297.0	387.5	498.0	632.8	796.7
10°	0.0	26.3	64.6	110.2	160.2	222.3	297.8	387.6	497.2	630.9	789.5
7.5°	0.0	26.4	65.1	110.9	160.4	222.7	297.4	386.2	494.2	626.9	781.4
5°	0.0	26.5	65.4	111.2	160.2	222.6	296.1	383.5	489.3	620.2	769.4
2.5°	0.0	26.6	65.5	111.3	159.6	221.8	293.8	379.5	482.5	611.0	753.9
0°	0.0	26.6	65.5	111.1	158.6	220.4	290.7	374.2	474.0	599.4	735.2
-2.5°	0.0	26.6	65.3	110.6	157.8	218.3	287.4	368.7	465.6	586.5	716.4
-5°	0.0	26.6	65.0	109.8	156.7	215.7	283.2	362.1	455.8	571.5	695.1
-7.5°	0.0	26.6	64.6	108.8	155.2	212.5	278.4	354.6	444.6	554.7	671.7
-10°	0.0	26.4	64.0	107.6	153.4	208.8	272.8	346.1	432.1	536.2	646.4
-12.5°	0.0	26.3	63.3	106.1	151.2	204.7	266.5	336.7	418.5	516.6	621.6
-15°	0.0	26.0	62.4	104.3	148.7	200.2	259.6	326.6	404.6	497.2	596.3
-17.5°	0.0	25.8	61.4	102.4	145.8	195.2	252.1	316.5	390.7	476.7	569.7
-20°	0.0	25.4	60.3	100.2	142.6	190.0	244.3	306.3	376.0	455.4	542.0



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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	25.1	59.1	97.8	139.1	184.4	236.5	295.3	360.7	433.3	513.5
-25°	0.0	24.6	57.8	95.3	135.3	178.9	228.2	283.7	344.8	410.7	484.2
-27.5°	0.0	24.2	56.3	92.5	131.2	173.1	219.5	271.5	328.6	388.7	456.5
-30°	0.0	23.6	54.7	89.5	126.8	166.9	210.5	258.7	312.8	368.7	428.8
-32.5°	0.0	23.1	53.1	86.4	122.2	160.4	201.1	246.7	297.1	348.6	401.3
-35°	0.0	22.4	51.3	83.1	117.5	153.5	192.3	234.9	280.9	328.5	374.1
-37.5°	0.0	21.8	49.4	79.7	112.4	146.7	183.6	222.9	264.3	308.5	351.6
-40°	0.0	21.1	47.5	76.0	107.2	140.0	174.5	210.7	247.4	289.0	330.3
-42.5°	0.0	20.3	45.4	72.3	102.0	133.2	165.2	198.3	232.1	270.2	308.6
-45°	0.0	19.5	43.3	68.4	96.8	126.1	155.6	186.3	217.8	251.3	286.7
-47.5°	0.0	18.7	41.1	64.4	91.5	118.8	145.7	174.8	203.5	232.4	265.8
-50°	0.0	17.8	38.8	60.8	86.0	111.4	136.7	163.1	189.3	216.6	245.1
-52.5°	0.0	16.9	36.4	57.3	80.3	103.8	127.6	151.1	175.6	200.4	224.7
-55°	0.0	15.9	34.0	53.7	74.4	96.4	118.5	139.1	161.9	184.0	206.6
-57.5°	0.0	14.9	31.5	49.9	68.4	89.0	109.2	128.5	148.0	168.3	188.3
-60°	0.0	13.9	29.0	46.1	62.3	81.4	99.8	117.7	134.4	152.7	170.3
-62.5°	0.0	12.9	26.8	42.2	57.1	73.7	90.6	106.8	122.0	136.9	153.0
-65°	0.0	11.8	24.6	38.2	51.9	65.8	81.3	95.8	109.6	122.6	135.6
-67.5°	0.0	10.7	22.3	34.1	46.5	58.5	71.8	85.0	97.0	108.7	119.7
-70°	0.0	9.5	20.0	30.0	41.1	51.8	62.3	74.1	84.9	94.7	104.5
-72.5°	0.0	8.4	17.6	26.3	35.6	45.0	54.0	63.1	72.8	81.6	89.4
-75°	0.0	7.2	15.2	22.6	30.0	38.1	45.9	53.4	60.7	68.4	75.4
-77.5°	0.0	6.1	12.7	18.9	25.0	31.2	37.7	44.1	50.1	55.8	61.4
-80°	0.0	4.9	10.2	15.2	20.0	24.8	29.5	34.7	39.7	44.3	48.7
-82.5°	0.0	3.7	7.7	11.4	15.0	18.6	22.1	25.6	29.2	32.9	36.3
-85°	0.0	2.4	5.1	7.6	10.0	12.4	14.7	17.1	19.5	21.8	24.1
-87.5°	0.0	1.2	2.6	3.8	5.0	6.2	7.4	8.6	9.7	10.9	12.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	11.4	11.9	12.2	12.5	13.0	13.4	13.8	14.1	14.3	14.5	14.7
85°	22.8	23.7	26.5	29.2	32.0	34.5	36.8	38.8	40.4	41.7	42.7
82.5°	44.5	49.3	53.8	58.1	62.0	65.4	68.7	72.5	75.6	78.2	80.3
80°	68.4	74.9	82.8	90.2	96.8	103.0	108.5	113.6	117.5	121.4	125.2
77.5°	96.1	106.6	116.4	125.4	134.2	144.4	153.8	162.5	169.1	174.2	178.0
75°	125.9	138.4	152.7	166.8	180.1	192.4	204.2	218.7	230.5	239.4	246.5
72.5°	157.7	175.7	193.2	210.1	229.6	248.6	267.0	284.8	300.4	311.9	321.2
70°	192.1	213.0	237.1	261.5	285.0	308.8	334.2	357.3	376.5	390.0	402.9
67.5°	227.2	256.5	285.1	314.5	347.7	378.0	405.7	435.0	460.8	477.7	492.6
65°	267.7	300.5	338.6	377.6	414.1	451.9	487.0	518.7	551.2	574.9	594.3
62.5°	306.8	352.9	397.9	443.5	489.4	530.6	576.3	617.1	649.9	683.7	712.7
60°	353.3	408.0	463.2	518.1	569.5	627.3	677.5	724.9	768.7	806.4	842.1
57.5°	399.6	470.3	535.5	600.0	668.0	729.8	788.8	842.0	894.3	937.9	980.7
55°	448.3	539.3	614.6	694.3	769.0	838.9	905.2	971.7	1027.5	1087.6	1139.9
52.5°	502.4	606.3	703.7	791.4	875.6	956.2	1035.5	1115.6	1193.9	1256.2	1315.3
50°	553.0	676.8	793.9	894.0	990.9	1086.5	1185.6	1285.8	1372.0	1443.3	1504.8
47.5°	608.6	742.3	891.1	1001.8	1118.1	1236.6	1356.9	1467.5	1561.4	1658.4	1726.4
45°	662.9	808.6	970.0	1123.7	1258.2	1401.7	1534.2	1656.1	1792.3	1898.3	1989.2
42.5°	712.4	871.4	1051.1	1246.7	1414.8	1568.8	1712.2	1883.9	2040.3	2164.2	2277.5
40°	763.3	928.6	1124.8	1360.9	1571.0	1735.4	1909.9	2099.6	2303.3	2455.7	2591.2
37.5°	809.9	987.0	1192.2	1448.0	1724.7	1905.5	2098.5	2304.3	2536.4	2765.7	2928.6
35°	851.1	1036.5	1259.1	1518.9	1802.2	2070.4	2274.5	2493.7	2747.7	3045.2	3267.6
32.5°	888.5	1076.9	1312.2	1574.2	1861.6	2176.1	2435.0	2660.0	2914.9	3221.9	3599.6
30°	918.9	1116.0	1351.7	1614.2	1902.4	2215.6	2544.5	2789.6	3031.5	3332.8	3684.3
27.5°	942.0	1144.7	1379.0	1639.1	1924.2	2233.9	2550.2	2852.7	3086.9	3370.4	3690.1
25°	959.8	1168.3	1393.4	1648.4	1927.4	2225.9	2530.2	2816.5	3079.4	3329.3	3616.2
22.5°	974.4	1184.5	1409.2	1642.1	1912.9	2197.2	2483.5	2756.4	3010.8	3244.8	3491.5
20°	985.5	1194.9	1417.2	1648.2	1888.5	2150.6	2424.4	2684.2	2929.9	3156.4	3357.3
17.5°	990.5	1197.9	1417.2	1647.1	1884.4	2113.7	2352.1	2601.7	2843.3	3068.4	3266.9
15°	989.6	1193.9	1409.4	1638.3	1872.0	2099.2	2318.8	2524.8	2749.7	2977.3	3175.0
12.5°	983.0	1183.1	1394.0	1621.9	1851.9	2076.4	2292.1	2498.9	2700.6	2891.2	3080.2
10°	971.1	1165.9	1371.5	1598.0	1824.2	2045.3	2258.2	2465.7	2665.4	2852.4	3028.5
7.5°	958.8	1146.6	1344.4	1566.6	1788.8	2006.0	2217.0	2424.9	2620.7	2807.3	2985.1
5°	942.7	1126.1	1323.7	1536.6	1750.7	1962.7	2169.2	2376.0	2566.6	2754.9	2933.4
2.5°	922.1	1100.6	1297.7	1500.2	1708.2	1917.9	2117.4	2320.4	2515.8	2696.8	2872.7
0°	897.6	1070.5	1266.2	1457.1	1658.4	1865.5	2057.4	2255.9	2459.2	2630.2	2802.1
-2.5°	870.9	1034.4	1220.3	1410.3	1604.8	1807.9	2004.7	2192.9	2391.6	2564.5	2740.1
-5°	840.9	994.6	1169.6	1357.4	1545.0	1742.9	1943.3	2122.3	2312.1	2483.1	2655.8
-7.5°	808.1	951.6	1114.7	1298.1	1476.8	1663.5	1853.3	2025.4	2210.0	2379.1	2547.3
-10°	773.6	909.1	1061.5	1231.0	1399.5	1573.5	1751.8	1920.4	2097.8	2266.2	2428.1
-12.5°	740.4	867.3	1006.6	1160.7	1317.9	1478.7	1644.5	1807.3	1975.6	2144.8	2296.1
-15°	705.7	823.3	949.8	1088.0	1232.7	1379.9	1532.2	1686.2	1844.2	2009.7	2149.5
-17.5°	669.8	777.7	891.9	1013.7	1144.6	1277.8	1417.9	1566.5	1711.1	1861.9	1997.1
-20°	633.1	730.6	833.5	938.5	1054.8	1182.5	1313.5	1446.9	1578.3	1709.6	1836.6



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 CATALOG NUMBER: GFLD-SA2D-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	595.8	682.6	776.2	868.6	979.2	1094.5	1209.4	1325.3	1443.1	1556.2	1676.3
-25°	559.8	638.0	720.7	810.5	905.4	1007.1	1105.8	1203.7	1308.2	1414.2	1517.6
-27.5°	525.1	594.1	672.2	752.2	831.3	921.9	1008.2	1091.2	1182.4	1275.9	1359.4
-30°	490.3	555.9	624.3	695.3	764.9	840.4	915.1	987.8	1062.2	1142.3	1214.6
-32.5°	458.0	517.9	580.1	642.4	701.5	760.0	829.1	893.7	954.6	1011.6	1074.7
-35°	428.5	483.4	537.5	591.2	639.9	691.4	749.1	803.6	852.4	898.2	946.5
-37.5°	400.7	449.6	495.2	543.2	586.4	630.5	673.0	720.1	759.7	796.3	835.9
-40°	372.9	416.5	457.6	497.6	537.3	574.2	610.4	642.5	674.3	709.5	736.7
-42.5°	345.4	386.0	422.7	453.5	490.9	522.6	550.8	577.3	603.4	630.8	652.6
-45°	321.2	355.8	389.2	418.7	446.7	473.8	497.7	518.5	543.2	562.2	578.7
-47.5°	296.7	326.7	357.3	384.4	407.9	429.9	447.7	468.6	488.8	505.2	514.8
-50°	272.7	300.1	326.0	351.3	372.5	390.2	405.6	422.8	439.6	453.4	462.6
-52.5°	250.5	273.4	297.4	319.0	338.5	354.4	369.0	384.0	396.3	405.8	417.8
-55°	228.6	249.6	269.7	289.1	305.9	320.3	334.6	347.9	358.5	366.7	376.6
-57.5°	208.0	227.0	244.5	260.8	275.8	288.3	302.2	313.6	323.4	331.1	341.3
-60°	188.0	205.0	220.9	235.0	247.4	259.7	271.1	281.5	290.0	297.7	307.1
-62.5°	168.1	183.4	197.7	210.7	222.0	232.2	242.4	251.3	258.4	266.4	274.1
-65°	149.4	162.3	174.9	186.7	197.3	207.0	215.5	222.7	229.4	236.4	242.7
-67.5°	130.8	142.8	153.4	162.8	172.6	182.0	189.8	196.5	202.1	207.8	213.1
-70°	114.1	123.7	133.3	141.8	149.2	157.1	164.7	171.0	176.0	180.5	184.7
-72.5°	97.7	106.2	114.2	121.5	128.3	134.5	140.5	146.2	150.9	154.4	157.5
-75°	82.2	88.8	95.6	102.0	107.5	112.4	117.0	121.5	125.3	128.4	130.8
-77.5°	67.2	72.8	78.1	83.0	87.0	90.8	94.4	97.7	100.6	102.9	104.6
-80°	52.8	56.8	61.1	65.1	68.2	70.8	73.1	75.0	77.2	79.4	81.3
-82.5°	39.3	42.2	45.0	47.7	49.9	51.7	53.3	54.8	56.4	57.8	59.0
-85°	25.9	27.5	29.3	30.9	32.5	34.0	35.2	36.2	37.1	37.8	38.4
-87.5°	12.9	13.8	14.5	15.3	16.0	16.8	17.5	18.1	18.5	18.9	19.2
-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: P558698 (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°
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°	14.7	14.8	14.8	14.7	14.6	14.0	13.3	12.6	11.9	12.3	12.6
85°	43.5	43.7	43.5	43.1	42.4	42.4	42.2	42.0	41.6	42.2	42.8
82.5°	81.9	82.6	82.6	82.2	81.4	81.8	81.9	81.8	81.3	81.9	82.2
80°	128.1	129.3	129.3	128.5	126.7	127.0	127.1	126.7	125.9	126.1	126.1
77.5°	182.4	185.3	186.2	185.8	184.1	183.6	182.3	179.9	176.2	176.2	176.2
75°	251.8	254.7	256.2	256.1	254.4	253.3	251.8	248.9	244.8	244.7	244.7
72.5°	328.4	332.6	334.5	336.2	336.2	335.6	333.5	329.3	323.0	322.2	323.0
70°	412.9	420.0	424.5	428.0	430.7	431.3	430.0	426.6	421.1	419.6	419.1
67.5°	507.1	518.5	527.1	532.8	538.2	542.1	543.6	542.0	537.6	536.1	536.7
65°	612.6	630.2	644.7	655.5	662.8	667.9	672.4	675.1	675.8	677.3	679.4
62.5°	735.9	757.4	777.6	791.3	798.4	803.4	817.9	826.2	828.6	829.1	832.3
60°	873.6	900.8	925.9	946.2	962.5	974.8	987.2	995.3	998.4	999.0	1003.3
57.5°	1024.1	1058.3	1087.8	1119.0	1140.9	1153.5	1170.0	1186.9	1195.8	1198.3	1208.8
55°	1190.6	1237.3	1275.5	1308.9	1339.4	1366.2	1388.9	1406.4	1419.3	1427.1	1440.9
52.5°	1374.8	1429.6	1469.5	1508.8	1552.5	1583.3	1603.5	1635.8	1659.3	1672.1	1688.6
50°	1577.0	1638.1	1692.5	1733.7	1784.5	1826.6	1857.3	1887.9	1909.3	1921.5	1937.5
47.5°	1807.1	1882.4	1945.5	1983.7	2042.7	2092.3	2112.2	2135.4	2175.8	2195.2	2212.2
45°	2066.3	2162.3	2232.5	2292.2	2342.9	2398.5	2434.9	2461.2	2501.0	2521.0	2533.5
42.5°	2374.7	2481.5	2573.9	2645.6	2688.3	2760.3	2813.0	2827.7	2884.1	2922.3	2933.5
40°	2720.5	2838.9	2960.8	3042.6	3111.2	3184.4	3271.1	3319.4	3367.1	3404.5	3413.0
37.5°	3080.9	3239.4	3378.5	3484.0	3597.5	3705.5	3797.4	3847.6	3878.8	3950.5	3977.3
35°	3447.2	3610.8	3805.7	3969.7	4107.2	4240.5	4345.4	4428.0	4506.7	4571.2	4609.9
32.5°	3759.2	3935.2	4175.9	4421.4	4569.9	4714.3	4886.6	4981.1	5086.0	5171.0	5233.1
30°	4015.6	4182.9	4402.0	4710.1	4913.4	5059.8	5277.8	5408.5	5522.8	5666.9	5717.0
27.5°	4027.7	4289.3	4483.0	4748.4	5053.5	5202.0	5363.4	5600.9	5672.9	5878.4	5908.0
25°	3922.0	4196.6	4395.7	4617.2	4870.9	5051.6	5199.0	5396.4	5499.9	5632.0	5733.5
22.5°	3756.6	3998.7	4201.7	4389.7	4587.6	4752.1	4886.8	5025.6	5139.1	5241.6	5336.9
20°	3574.0	3803.8	3996.4	4158.0	4314.8	4467.3	4588.5	4705.0	4803.2	4891.2	4945.4
17.5°	3445.4	3610.7	3807.5	3973.0	4109.0	4228.7	4354.0	4451.6	4537.7	4616.9	4666.5
15°	3357.6	3514.8	3654.9	3806.7	3950.1	4064.2	4158.5	4259.2	4333.6	4401.8	4455.5
12.5°	3266.5	3428.5	3575.0	3701.5	3813.7	3938.3	4039.2	4118.4	4196.5	4250.0	4305.2
10°	3190.4	3341.9	3494.0	3627.5	3745.5	3848.2	3943.8	4032.6	4102.6	4162.7	4206.1
7.5°	3146.2	3294.8	3431.5	3559.6	3674.6	3784.1	3882.6	3964.0	4033.4	4095.6	4141.1
5°	3094.9	3242.0	3378.5	3509.4	3619.9	3725.1	3823.2	3907.0	3978.8	4034.2	4077.7
2.5°	3036.2	3181.3	3317.4	3450.5	3561.0	3662.4	3755.3	3837.0	3911.8	3964.6	4001.7
0°	2969.3	3114.6	3247.6	3372.9	3484.1	3593.3	3678.8	3761.4	3834.6	3886.8	3923.9
-2.5°	2901.8	3046.2	3183.8	3304.0	3414.2	3515.1	3606.1	3684.2	3754.0	3806.0	3838.6
-5°	2812.0	2955.5	3091.4	3212.5	3327.7	3429.0	3517.4	3596.8	3664.0	3720.8	3764.9
-7.5°	2703.4	2848.5	2984.2	3107.9	3222.5	3318.2	3403.2	3483.1	3554.9	3616.9	3671.1
-10°	2583.9	2727.5	2855.7	2971.5	3078.4	3175.6	3266.0	3345.0	3410.8	3471.5	3517.2
-12.5°	2444.8	2577.7	2703.2	2817.3	2921.8	3019.1	3105.1	3180.3	3246.6	3300.4	3341.5
-15°	2291.3	2417.4	2536.3	2652.9	2762.3	2858.2	2933.8	3013.1	3070.5	3122.7	3159.8
-17.5°	2127.1	2249.0	2374.0	2490.9	2591.9	2686.5	2769.7	2842.2	2902.5	2950.3	2992.2
-20°	1960.6	2084.8	2205.1	2316.5	2413.6	2501.3	2585.6	2655.2	2717.0	2769.0	2818.1



REPORT NUMBER: P558698 (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°	1793.4	1907.4	2020.2	2129.3	2221.1	2304.0	2377.8	2444.4	2498.9	2560.3	2603.6
-25°	1621.6	1721.5	1823.5	1919.8	2006.6	2088.1	2155.0	2213.3	2270.2	2329.4	2371.6
-27.5°	1449.1	1537.4	1620.2	1705.4	1781.5	1852.1	1914.2	1965.3	2020.4	2059.9	2106.4
-30°	1278.4	1358.5	1427.6	1486.8	1558.4	1619.0	1667.3	1718.1	1763.6	1801.4	1840.6
-32.5°	1133.9	1188.7	1243.8	1293.4	1341.0	1390.8	1429.7	1474.0	1505.3	1537.8	1569.5
-35°	995.0	1037.2	1073.8	1120.2	1155.8	1183.0	1215.4	1247.9	1260.5	1295.9	1314.7
-37.5°	869.3	897.0	931.1	963.4	989.9	1010.1	1039.0	1056.1	1065.0	1088.0	1100.2
-40°	761.6	779.1	811.0	833.1	849.0	863.7	887.7	898.8	911.0	922.4	922.7
-42.5°	666.9	689.4	711.0	728.4	738.4	755.2	766.5	767.7	783.6	793.7	795.3
-45°	589.5	612.3	629.5	642.2	652.2	666.6	674.0	678.0	691.0	697.9	700.9
-47.5°	530.0	545.9	560.8	570.6	583.8	594.5	599.8	606.6	616.6	622.9	627.4
-50°	477.7	490.3	501.6	510.6	523.7	533.2	538.4	546.7	554.1	558.7	562.3
-52.5°	431.6	442.9	450.8	459.5	470.4	478.8	485.3	493.6	499.8	503.8	507.0
-55°	388.6	399.2	406.8	416.4	424.2	429.8	435.4	443.5	449.5	453.6	456.3
-57.5°	350.6	358.5	366.0	374.7	382.1	388.3	393.2	397.7	401.7	405.0	407.6
-60°	315.0	321.5	328.4	335.1	340.7	345.1	350.4	354.5	357.1	358.7	360.8
-62.5°	280.8	286.6	292.7	298.2	302.6	306.4	310.6	314.0	316.4	318.1	319.3
-65°	248.3	253.3	258.5	263.0	266.8	270.1	273.1	275.4	277.1	278.5	279.6
-67.5°	217.9	221.9	225.4	228.6	231.5	234.2	236.8	238.6	239.6	240.8	241.9
-70°	188.5	191.6	194.0	195.9	197.6	199.8	202.3	204.1	205.1	206.3	207.3
-72.5°	160.1	162.4	164.3	165.9	166.8	168.2	170.0	171.5	172.6	173.4	173.8
-75°	132.8	134.6	136.4	137.6	138.3	139.3	140.2	140.7	140.8	141.1	141.4
-77.5°	106.0	107.9	109.5	110.6	111.3	112.1	112.8	113.2	113.2	113.3	113.1
-80°	82.7	84.0	85.1	85.9	86.4	87.0	87.3	87.4	87.2	87.4	87.4
-82.5°	60.1	61.3	62.2	62.9	63.4	64.0	64.4	64.7	64.9	65.0	64.9
-85°	38.9	39.4	39.9	40.4	40.8	41.0	41.2	41.2	41.1	41.1	41.1
-87.5°	19.4	19.2	18.9	18.5	18.0	18.2	18.3	18.3	18.4	18.5	18.7
-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: P558698 (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°	12.9	13.2	12.3	11.4	12.3	13.2	12.9	12.6	12.3	11.9	12.6
85°	43.2	43.5	42.7	41.8	42.7	43.5	43.2	42.8	42.2	41.6	42.0
82.5°	82.3	82.2	81.5	80.7	81.5	82.2	82.3	82.2	81.9	81.3	81.8
80°	125.6	124.8	124.3	123.5	124.3	124.8	125.6	126.1	126.1	125.9	126.7
77.5°	175.8	174.8	176.4	177.6	176.4	174.8	175.8	176.2	176.2	176.2	179.9
75°	243.8	241.9	240.1	237.5	240.1	241.9	243.8	244.7	244.7	244.8	248.9
72.5°	322.7	321.2	319.7	317.3	319.7	321.2	322.7	323.0	322.2	323.0	329.3
70°	416.6	412.2	412.9	413.2	412.9	412.2	416.6	419.1	419.6	421.1	426.6
67.5°	534.9	530.9	531.4	531.0	531.4	530.9	534.9	536.7	536.1	537.6	542.0
65°	678.1	673.6	668.2	660.2	668.2	673.6	678.1	679.4	677.3	675.8	675.1
62.5°	831.9	828.0	830.3	832.1	830.3	828.0	831.9	832.3	829.1	828.6	826.2
60°	1002.6	997.0	994.3	989.8	994.3	997.0	1002.6	1003.3	999.0	998.4	995.3
57.5°	1213.5	1212.5	1210.0	1203.5	1210.0	1212.5	1213.5	1208.8	1198.3	1195.8	1186.9
55°	1447.4	1446.1	1451.4	1458.0	1451.4	1446.1	1447.4	1440.9	1427.1	1419.3	1406.4
52.5°	1700.7	1705.0	1703.4	1694.5	1703.4	1705.0	1700.7	1688.6	1672.1	1659.3	1635.8
50°	1951.5	1956.3	1961.5	1966.2	1961.5	1956.3	1951.5	1937.5	1921.5	1909.3	1887.9
47.5°	2235.8	2248.5	2250.7	2241.7	2250.7	2248.5	2235.8	2212.2	2195.2	2175.8	2135.4
45°	2558.8	2566.4	2570.3	2577.9	2570.3	2566.4	2558.8	2533.5	2521.0	2501.0	2461.2
42.5°	2965.9	2974.7	2976.1	2984.4	2976.1	2974.7	2965.9	2933.5	2922.3	2884.1	2827.7
40°	3449.2	3463.5	3461.1	3457.5	3461.1	3463.5	3449.2	3413.0	3404.5	3367.1	3319.4
37.5°	4015.0	4039.3	4041.8	4056.8	4041.8	4039.3	4015.0	3977.3	3950.5	3878.8	3847.6
35°	4649.8	4678.5	4673.5	4680.9	4673.5	4678.5	4649.8	4609.9	4571.2	4506.7	4428.0
32.5°	5290.3	5333.3	5341.9	5378.1	5341.9	5333.3	5290.3	5233.1	5171.0	5086.0	4981.1
30°	5793.5	5853.7	5893.0	5890.1	5893.0	5853.7	5793.5	5717.0	5666.9	5522.8	5408.5
27.5°	6001.9	6079.9	6153.0	6175.0	6153.0	6079.9	6001.9	5908.0	5878.4	5672.9	5600.9
25°	5798.6	5855.6	5920.1	5954.7	5920.1	5855.6	5798.6	5733.5	5632.0	5499.9	5396.4
22.5°	5380.7	5417.7	5439.7	5421.8	5439.7	5417.7	5380.7	5336.9	5241.6	5139.1	5025.6
20°	5001.5	5048.4	5057.1	5076.0	5057.1	5048.4	5001.5	4945.4	4891.2	4803.2	4705.0
17.5°	4719.2	4749.9	4768.0	4772.1	4768.0	4749.9	4719.2	4666.5	4616.9	4537.7	4451.6
15°	4498.1	4522.7	4538.9	4546.0	4538.9	4522.7	4498.1	4455.5	4401.8	4333.6	4259.2
12.5°	4341.3	4371.3	4386.1	4395.0	4386.1	4371.3	4341.3	4305.2	4250.0	4196.5	4118.4
10°	4240.8	4269.8	4281.4	4285.8	4281.4	4269.8	4240.8	4206.1	4162.7	4102.6	4032.6
7.5°	4168.6	4187.2	4195.1	4201.2	4195.1	4187.2	4168.6	4141.1	4095.6	4033.4	3964.0
5°	4110.4	4125.2	4133.5	4142.3	4133.5	4125.2	4110.4	4077.7	4034.2	3978.8	3907.0
2.5°	4031.1	4052.3	4066.9	4075.8	4066.9	4052.3	4031.1	4001.7	3964.6	3911.8	3837.0
0°	3953.3	3973.2	3983.7	4000.8	3983.7	3973.2	3953.3	3923.9	3886.8	3834.6	3761.4
-2.5°	3867.7	3890.8	3918.3	3944.8	3918.3	3890.8	3867.7	3838.6	3806.0	3754.0	3684.2
-5°	3802.2	3832.8	3838.5	3855.5	3838.5	3832.8	3802.2	3764.9	3720.8	3664.0	3596.8
-7.5°	3703.5	3717.4	3741.1	3745.3	3741.1	3717.4	3703.5	3671.1	3616.9	3554.9	3483.1
-10°	3551.3	3573.9	3588.7	3603.8	3588.7	3573.9	3551.3	3517.2	3471.5	3410.8	3345.0
-12.5°	3372.5	3399.1	3422.8	3419.5	3422.8	3399.1	3372.5	3341.5	3300.4	3246.6	3180.3
-15°	3198.3	3224.0	3240.3	3238.1	3240.3	3224.0	3198.3	3159.8	3122.7	3070.5	3013.1
-17.5°	3025.4	3048.8	3072.4	3071.8	3072.4	3048.8	3025.4	2992.2	2950.3	2902.5	2842.2
-20°	2846.8	2866.9	2892.1	2902.8	2892.1	2866.9	2846.8	2818.1	2769.0	2717.0	2655.2



REPORT NUMBER: P558698 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2640.3	2666.0	2684.4	2695.7	2684.4	2666.0	2640.3	2603.6	2560.3	2498.9	2444.4
-25°	2399.7	2426.0	2440.0	2444.9	2440.0	2426.0	2399.7	2371.6	2329.4	2270.2	2213.3
-27.5°	2133.8	2163.4	2177.7	2170.4	2177.7	2163.4	2133.8	2106.4	2059.9	2020.4	1965.3
-30°	1861.2	1880.1	1882.3	1898.8	1882.3	1880.1	1861.2	1840.6	1801.4	1763.6	1718.1
-32.5°	1592.1	1604.8	1597.6	1598.6	1597.6	1604.8	1592.1	1569.5	1537.8	1505.3	1474.0
-35°	1326.4	1336.6	1338.6	1357.3	1338.6	1336.6	1326.4	1314.7	1295.9	1260.5	1247.9
-37.5°	1112.9	1117.0	1110.7	1101.8	1110.7	1117.0	1112.9	1100.2	1088.0	1065.0	1056.1
-40°	931.8	935.0	932.7	928.0	932.7	935.0	931.8	922.7	922.4	911.0	898.8
-42.5°	801.5	801.5	799.4	798.8	799.4	801.5	801.5	795.3	793.7	783.6	767.7
-45°	705.3	706.3	706.1	705.7	706.1	706.3	705.3	700.9	697.9	691.0	678.0
-47.5°	630.6	630.8	629.8	627.9	629.8	630.8	630.6	627.4	622.9	616.6	606.6
-50°	564.5	564.4	565.7	568.0	565.7	564.4	564.5	562.3	558.7	554.1	546.7
-52.5°	508.6	508.5	509.2	510.1	509.2	508.5	508.6	507.0	503.8	499.8	493.6
-55°	457.5	457.2	456.6	455.0	456.6	457.2	457.5	456.3	453.6	449.5	443.5
-57.5°	408.6	408.1	406.8	404.6	406.8	408.1	408.6	407.6	405.0	401.7	397.7
-60°	362.0	362.3	361.7	360.0	361.7	362.3	362.0	360.8	358.7	357.1	354.5
-62.5°	319.6	319.0	318.8	318.2	318.8	319.0	319.6	319.3	318.1	316.4	314.0
-65°	279.8	279.2	279.4	279.3	279.4	279.2	279.8	279.6	278.5	277.1	275.4
-67.5°	242.4	242.2	242.4	242.2	242.4	242.2	242.4	241.9	240.8	239.6	238.6
-70°	207.9	208.0	207.0	205.2	207.0	208.0	207.9	207.3	206.3	205.1	204.1
-72.5°	173.7	173.1	173.2	172.9	173.2	173.1	173.7	173.8	173.4	172.6	171.5
-75°	141.3	140.9	141.8	142.5	141.8	140.9	141.3	141.4	141.1	140.8	140.7
-77.5°	112.5	111.7	112.4	113.0	112.4	111.7	112.5	113.1	113.3	113.2	113.2
-80°	87.3	87.1	86.8	86.4	86.8	87.1	87.3	87.4	87.4	87.2	87.4
-82.5°	64.7	64.3	64.0	63.6	64.0	64.3	64.7	64.9	65.0	64.9	64.7
-85°	40.9	40.6	41.3	41.8	41.3	40.6	40.9	41.1	41.1	41.1	41.2
-87.5°	18.8	18.9	18.5	18.0	18.5	18.9	18.8	18.7	18.5	18.4	18.3
-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: P558698 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-930-U-WAF-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°	13.3	14.0	14.6	14.7	14.8	14.8	14.7	14.7	14.5	14.3	14.1
85°	42.2	42.4	42.4	43.1	43.5	43.7	43.5	42.7	41.7	40.4	38.8
82.5°	81.9	81.8	81.4	82.2	82.6	82.6	81.9	80.3	78.2	75.6	72.5
80°	127.1	127.0	126.7	128.5	129.3	129.3	128.1	125.2	121.4	117.5	113.6
77.5°	182.3	183.6	184.1	185.8	186.2	185.3	182.4	178.0	174.2	169.1	162.5
75°	251.8	253.3	254.4	256.1	256.2	254.7	251.8	246.5	239.4	230.5	218.7
72.5°	333.5	335.6	336.2	336.2	334.5	332.6	328.4	321.2	311.9	300.4	284.8
70°	430.0	431.3	430.7	428.0	424.5	420.0	412.9	402.9	390.0	376.5	357.3
67.5°	543.6	542.1	538.2	532.8	527.1	518.5	507.1	492.6	477.7	460.8	435.0
65°	672.4	667.9	662.8	655.5	644.7	630.2	612.6	594.3	574.9	551.2	518.7
62.5°	817.9	803.4	798.4	791.3	777.6	757.4	735.9	712.7	683.7	649.9	617.1
60°	987.2	974.8	962.5	946.2	925.9	900.8	873.6	842.1	806.4	768.7	724.9
57.5°	1170.0	1153.5	1140.9	1119.0	1087.8	1058.3	1024.1	980.7	937.9	894.3	842.0
55°	1388.9	1366.2	1339.4	1308.9	1275.5	1237.3	1190.6	1139.9	1087.6	1027.5	971.7
52.5°	1603.5	1583.3	1552.5	1508.8	1469.5	1429.6	1374.8	1315.3	1256.2	1193.9	1115.6
50°	1857.3	1826.6	1784.5	1733.7	1692.5	1638.1	1577.0	1504.8	1443.3	1372.0	1285.8
47.5°	2112.2	2092.3	2042.7	1983.7	1945.5	1882.4	1807.1	1726.4	1658.4	1561.4	1467.5
45°	2434.9	2398.5	2342.9	2292.2	2232.5	2162.3	2066.3	1989.2	1898.3	1792.3	1656.1
42.5°	2813.0	2760.3	2688.3	2645.6	2573.9	2481.5	2374.7	2277.5	2164.2	2040.3	1883.9
40°	3271.1	3184.4	3111.2	3042.6	2960.8	2838.9	2720.5	2591.2	2455.7	2303.3	2099.6
37.5°	3797.4	3705.5	3597.5	3484.0	3378.5	3239.4	3080.9	2928.6	2765.7	2536.4	2304.3
35°	4345.4	4240.5	4107.2	3969.7	3805.7	3610.8	3447.2	3267.6	3045.2	2747.7	2493.7
32.5°	4886.6	4714.3	4569.9	4421.4	4175.9	3935.2	3759.2	3599.6	3221.9	2914.9	2660.0
30°	5277.8	5059.8	4913.4	4710.1	4402.0	4182.9	4015.6	3684.3	3332.8	3031.5	2789.6
27.5°	5363.4	5202.0	5053.5	4748.4	4483.0	4289.3	4027.7	3690.1	3370.4	3086.9	2852.7
25°	5199.0	5051.6	4870.9	4617.2	4395.7	4196.6	3922.0	3616.2	3329.3	3079.4	2816.5
22.5°	4886.8	4752.1	4587.6	4389.7	4201.7	3998.7	3756.6	3491.5	3244.8	3010.8	2756.4
20°	4588.5	4467.3	4314.8	4158.0	3996.4	3803.8	3574.0	3357.3	3156.4	2929.9	2684.2
17.5°	4354.0	4228.7	4109.0	3973.0	3807.5	3610.7	3445.4	3266.9	3068.4	2843.3	2601.7
15°	4158.5	4064.2	3950.1	3806.7	3654.9	3514.8	3357.6	3175.0	2977.3	2749.7	2524.8
12.5°	4039.2	3938.3	3813.7	3701.5	3575.0	3428.5	3266.5	3080.2	2891.2	2700.6	2498.9
10°	3943.8	3848.2	3745.5	3627.5	3494.0	3341.9	3190.4	3028.5	2852.4	2665.4	2465.7
7.5°	3882.6	3784.1	3674.6	3559.6	3431.5	3294.8	3146.2	2985.1	2807.3	2620.7	2424.9
5°	3823.2	3725.1	3619.9	3509.4	3378.5	3242.0	3094.9	2933.4	2754.9	2566.6	2376.0
2.5°	3755.3	3662.4	3561.0	3450.5	3317.4	3181.3	3036.2	2872.7	2696.8	2515.8	2320.4
0°	3678.8	3593.3	3484.1	3372.9	3247.6	3114.6	2969.3	2802.1	2630.2	2459.2	2255.9
-2.5°	3606.1	3515.1	3414.2	3304.0	3183.8	3046.2	2901.8	2740.1	2564.5	2391.6	2192.9
-5°	3517.4	3429.0	3327.7	3212.5	3091.4	2955.5	2812.0	2655.8	2483.1	2312.1	2122.3
-7.5°	3403.2	3318.2	3222.5	3107.9	2984.2	2848.5	2703.4	2547.3	2379.1	2210.0	2025.4
-10°	3266.0	3175.6	3078.4	2971.5	2855.7	2727.5	2583.9	2428.1	2266.2	2097.8	1920.4
-12.5°	3105.1	3019.1	2921.8	2817.3	2703.2	2577.7	2444.8	2296.1	2144.8	1975.6	1807.3
-15°	2933.8	2858.2	2762.3	2652.9	2536.3	2417.4	2291.3	2149.5	2009.7	1844.2	1686.2
-17.5°	2769.7	2686.5	2591.9	2490.9	2374.0	2249.0	2127.1	1997.1	1861.9	1711.1	1566.5
-20°	2585.6	2501.3	2413.6	2316.5	2205.1	2084.8	1960.6	1836.6	1709.6	1578.3	1446.9



REPORT NUMBER: P558698 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2377.8	2304.0	2221.1	2129.3	2020.2	1907.4	1793.4	1676.3	1556.2	1443.1	1325.3
-25°	2155.0	2088.1	2006.6	1919.8	1823.5	1721.5	1621.6	1517.6	1414.2	1308.2	1203.7
-27.5°	1914.2	1852.1	1781.5	1705.4	1620.2	1537.4	1449.1	1359.4	1275.9	1182.4	1091.2
-30°	1667.3	1619.0	1558.4	1486.8	1427.6	1358.5	1278.4	1214.6	1142.3	1062.2	987.8
-32.5°	1429.7	1390.8	1341.0	1293.4	1243.8	1188.7	1133.9	1074.7	1011.6	954.6	893.7
-35°	1215.4	1183.0	1155.8	1120.2	1073.8	1037.2	995.0	946.5	898.2	852.4	803.6
-37.5°	1039.0	1010.1	989.9	963.4	931.1	897.0	869.3	835.9	796.3	759.7	720.1
-40°	887.7	863.7	849.0	833.1	811.0	779.1	761.6	736.7	709.5	674.3	642.5
-42.5°	766.5	755.2	738.4	728.4	711.0	689.4	666.9	652.6	630.8	603.4	577.3
-45°	674.0	666.6	652.2	642.2	629.5	612.3	589.5	578.7	562.2	543.2	518.5
-47.5°	599.8	594.5	583.8	570.6	560.8	545.9	530.0	514.8	505.2	488.8	468.6
-50°	538.4	533.2	523.7	510.6	501.6	490.3	477.7	462.6	453.4	439.6	422.8
-52.5°	485.3	478.8	470.4	459.5	450.8	442.9	431.6	417.8	405.8	396.3	384.0
-55°	435.4	429.8	424.2	416.4	406.8	399.2	388.6	376.6	366.7	358.5	347.9
-57.5°	393.2	388.3	382.1	374.7	366.0	358.5	350.6	341.3	331.1	323.4	313.6
-60°	350.4	345.1	340.7	335.1	328.4	321.5	315.0	307.1	297.7	290.0	281.5
-62.5°	310.6	306.4	302.6	298.2	292.7	286.6	280.8	274.1	266.4	258.4	251.3
-65°	273.1	270.1	266.8	263.0	258.5	253.3	248.3	242.7	236.4	229.4	222.7
-67.5°	236.8	234.2	231.5	228.6	225.4	221.9	217.9	213.1	207.8	202.1	196.5
-70°	202.3	199.8	197.6	195.9	194.0	191.6	188.5	184.7	180.5	176.0	171.0
-72.5°	170.0	168.2	166.8	165.9	164.3	162.4	160.1	157.5	154.4	150.9	146.2
-75°	140.2	139.3	138.3	137.6	136.4	134.6	132.8	130.8	128.4	125.3	121.5
-77.5°	112.8	112.1	111.3	110.6	109.5	107.9	106.0	104.6	102.9	100.6	97.7
-80°	87.3	87.0	86.4	85.9	85.1	84.0	82.7	81.3	79.4	77.2	75.0
-82.5°	64.4	64.0	63.4	62.9	62.2	61.3	60.1	59.0	57.8	56.4	54.8
-85°	41.2	41.0	40.8	40.4	39.9	39.4	38.9	38.4	37.8	37.1	36.2
-87.5°	18.3	18.2	18.0	18.5	18.9	19.2	19.4	19.2	18.9	18.5	18.1
-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: P558698 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-930-U-WAF-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°	13.8	13.4	13.0	12.5	12.2	11.9	11.4	10.8	9.9	8.9	7.9
85°	36.8	34.5	32.0	29.2	26.5	23.7	22.8	21.6	19.8	17.8	15.8
82.5°	68.7	65.4	62.0	58.1	53.8	49.3	44.5	39.4	33.2	27.3	23.7
80°	108.5	103.0	96.8	90.2	82.8	74.9	68.4	61.2	52.4	43.9	35.8
77.5°	153.8	144.4	134.2	125.4	116.4	106.6	96.1	84.2	71.4	60.5	49.9
75°	204.2	192.4	180.1	166.8	152.7	138.4	125.9	111.4	94.1	77.2	63.8
72.5°	267.0	248.6	229.6	210.1	193.2	175.7	157.7	138.1	117.8	97.9	78.6
70°	334.2	308.8	285.0	261.5	237.1	213.0	192.1	167.8	141.1	118.3	96.1
67.5°	405.7	378.0	347.7	314.5	285.1	256.5	227.2	197.8	167.9	138.3	113.3
65°	487.0	451.9	414.1	377.6	338.6	300.5	267.7	228.8	194.2	161.5	130.0
62.5°	576.3	530.6	489.4	443.5	397.9	352.9	306.8	263.0	220.7	184.1	148.7
60°	677.5	627.3	569.5	518.1	463.2	408.0	353.3	296.1	249.9	206.1	167.8
57.5°	788.8	729.8	668.0	600.0	535.5	470.3	399.6	334.0	278.1	230.0	186.2
55°	905.2	838.9	769.0	694.3	614.6	539.3	448.3	372.7	306.6	253.7	203.3
52.5°	1035.5	956.2	875.6	791.4	703.7	606.3	502.4	409.2	338.5	276.3	221.4
50°	1185.6	1086.5	990.9	894.0	793.9	676.8	553.0	452.8	368.5	299.1	238.7
47.5°	1356.9	1236.6	1118.1	1001.8	891.1	742.3	608.6	494.4	396.4	323.4	254.8
45°	1534.2	1401.7	1258.2	1123.7	970.0	808.6	662.9	532.7	430.2	344.6	269.6
42.5°	1712.2	1568.8	1414.8	1246.7	1051.1	871.4	712.4	575.8	461.3	364.1	285.1
40°	1909.9	1735.4	1571.0	1360.9	1124.8	928.6	763.3	616.2	489.3	383.7	300.7
37.5°	2098.5	1905.5	1724.7	1448.0	1192.2	987.0	809.9	652.4	514.9	404.9	314.8
35°	2274.5	2070.4	1802.2	1518.9	1259.1	1036.5	851.1	686.5	542.1	423.6	327.5
32.5°	2435.0	2176.1	1861.6	1574.2	1312.2	1076.9	888.5	716.9	565.4	439.7	338.7
30°	2544.5	2215.6	1902.4	1614.2	1351.7	1116.0	918.9	742.0	584.7	453.3	349.1
27.5°	2550.2	2233.9	1924.2	1639.1	1379.0	1144.7	942.0	762.0	600.2	466.0	359.9
25°	2530.2	2225.9	1927.4	1648.4	1393.4	1168.3	959.8	777.1	614.4	478.3	368.8
22.5°	2483.5	2197.2	1912.9	1642.1	1409.2	1184.5	974.4	789.9	625.9	487.5	375.6
20°	2424.4	2150.6	1888.5	1648.2	1417.2	1194.9	985.5	798.2	633.3	493.8	380.6
17.5°	2352.1	2113.7	1884.4	1647.1	1417.2	1197.9	990.5	802.0	636.8	497.3	383.7
15°	2318.8	2099.2	1872.0	1638.3	1409.4	1193.9	989.6	801.5	636.6	498.0	385.9
12.5°	2292.1	2076.4	1851.9	1621.9	1394.0	1183.1	983.0	796.7	632.8	498.0	387.5
10°	2258.2	2045.3	1824.2	1598.0	1371.5	1165.9	971.1	789.5	630.9	497.2	387.6
7.5°	2217.0	2006.0	1788.8	1566.6	1344.4	1146.6	958.8	781.4	626.9	494.2	386.2
5°	2169.2	1962.7	1750.7	1536.6	1323.7	1126.1	942.7	769.4	620.2	489.3	383.5
2.5°	2117.4	1917.9	1708.2	1500.2	1297.7	1100.6	922.1	753.9	611.0	482.5	379.5
0°	2057.4	1865.5	1658.4	1457.1	1266.2	1070.5	897.6	735.2	599.4	474.0	374.2
-2.5°	2004.7	1807.9	1604.8	1410.3	1220.3	1034.4	870.9	716.4	586.5	465.6	368.7
-5°	1943.3	1742.9	1545.0	1357.4	1169.6	994.6	840.9	695.1	571.5	455.8	362.1
-7.5°	1853.3	1663.5	1476.8	1298.1	1114.7	951.6	808.1	671.7	554.7	444.6	354.6
-10°	1751.8	1573.5	1399.5	1231.0	1061.5	909.1	773.6	646.4	536.2	432.1	346.1
-12.5°	1644.5	1478.7	1317.9	1160.7	1006.6	867.3	740.4	621.6	516.6	418.5	336.7
-15°	1532.2	1379.9	1232.7	1088.0	949.8	823.3	705.7	596.3	497.2	404.6	326.6
-17.5°	1417.9	1277.8	1144.6	1013.7	891.9	777.7	669.8	569.7	476.7	390.7	316.5
-20°	1313.5	1182.5	1054.8	938.5	833.5	730.6	633.1	542.0	455.4	376.0	306.3



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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°	1209.4	1094.5	979.2	868.6	776.2	682.6	595.8	513.5	433.3	360.7	295.3
-25°	1105.8	1007.1	905.4	810.5	720.7	638.0	559.8	484.2	410.7	344.8	283.7
-27.5°	1008.2	921.9	831.3	752.2	672.2	594.1	525.1	456.5	388.7	328.6	271.5
-30°	915.1	840.4	764.9	695.3	624.3	555.9	490.3	428.8	368.7	312.8	258.7
-32.5°	829.1	760.0	701.5	642.4	580.1	517.9	458.0	401.3	348.6	297.1	246.7
-35°	749.1	691.4	639.9	591.2	537.5	483.4	428.5	374.1	328.5	280.9	234.9
-37.5°	673.0	630.5	586.4	543.2	495.2	449.6	400.7	351.6	308.5	264.3	222.9
-40°	610.4	574.2	537.3	497.6	457.6	416.5	372.9	330.3	289.0	247.4	210.7
-42.5°	550.8	522.6	490.9	453.5	422.7	386.0	345.4	308.6	270.2	232.1	198.3
-45°	497.7	473.8	446.7	418.7	389.2	355.8	321.2	286.7	251.3	217.8	186.3
-47.5°	447.7	429.9	407.9	384.4	357.3	326.7	296.7	265.8	232.4	203.5	174.8
-50°	405.6	390.2	372.5	351.3	326.0	300.1	272.7	245.1	216.6	189.3	163.1
-52.5°	369.0	354.4	338.5	319.0	297.4	273.4	250.5	224.7	200.4	175.6	151.1
-55°	334.6	320.3	305.9	289.1	269.7	249.6	228.6	206.6	184.0	161.9	139.1
-57.5°	302.2	288.3	275.8	260.8	244.5	227.0	208.0	188.3	168.3	148.0	128.5
-60°	271.1	259.7	247.4	235.0	220.9	205.0	188.0	170.3	152.7	134.4	117.7
-62.5°	242.4	232.2	222.0	210.7	197.7	183.4	168.1	153.0	136.9	122.0	106.8
-65°	215.5	207.0	197.3	186.7	174.9	162.3	149.4	135.6	122.6	109.6	95.8
-67.5°	189.8	182.0	172.6	162.8	153.4	142.8	130.8	119.7	108.7	97.0	85.0
-70°	164.7	157.1	149.2	141.8	133.3	123.7	114.1	104.5	94.7	84.9	74.1
-72.5°	140.5	134.5	128.3	121.5	114.2	106.2	97.7	89.4	81.6	72.8	63.1
-75°	117.0	112.4	107.5	102.0	95.6	88.8	82.2	75.4	68.4	60.7	53.4
-77.5°	94.4	90.8	87.0	83.0	78.1	72.8	67.2	61.4	55.8	50.1	44.1
-80°	73.1	70.8	68.2	65.1	61.1	56.8	52.8	48.7	44.3	39.7	34.7
-82.5°	53.3	51.7	49.9	47.7	45.0	42.2	39.3	36.3	32.9	29.2	25.6
-85°	35.2	34.0	32.5	30.9	29.3	27.5	25.9	24.1	21.8	19.5	17.1
-87.5°	17.5	16.8	16.0	15.3	14.5	13.8	12.9	12.0	10.9	9.7	8.6
-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°	6.9	5.8	4.7	3.6	2.4	1.2	0.0
85°	13.8	11.6	9.4	7.1	4.8	2.4	0.0
82.5°	20.6	17.4	14.1	10.7	7.2	3.5	0.0
80°	28.0	23.1	18.7	14.2	9.5	4.7	0.0
77.5°	39.8	30.2	23.3	17.7	11.9	5.9	0.0
75°	51.4	39.5	28.4	21.1	14.2	7.0	0.0
72.5°	62.8	48.8	35.6	24.6	16.5	8.1	0.0
70°	74.5	57.9	42.6	28.3	18.8	9.2	0.0
67.5°	88.7	66.7	49.5	33.3	21.0	10.3	0.0
65°	102.6	76.6	56.2	38.2	23.1	11.4	0.0
62.5°	116.0	87.4	62.8	43.0	25.3	12.5	0.0
60°	128.9	97.8	69.2	47.7	27.4	13.5	0.0
57.5°	143.5	107.8	76.8	52.2	30.3	14.5	0.0
55°	157.7	117.3	84.3	56.6	33.1	15.5	0.0
52.5°	171.1	126.7	91.4	60.8	35.9	16.4	0.0
50°	183.7	137.0	98.1	64.8	38.6	17.3	0.0
47.5°	195.8	146.6	104.5	68.9	41.1	18.2	0.0
45°	208.3	155.6	110.6	73.4	43.6	19.0	0.0
42.5°	219.9	164.0	116.2	77.6	46.0	19.8	0.0
40°	230.5	171.7	121.9	81.6	48.2	20.6	0.0
37.5°	240.0	178.6	127.6	85.5	50.3	21.3	0.0
35°	248.5	185.6	132.8	89.0	52.3	22.0	0.0
32.5°	256.6	192.1	137.5	92.4	54.1	22.6	0.0
30°	265.4	197.8	141.7	95.4	55.9	23.2	0.0
27.5°	273.0	202.8	145.7	98.2	57.5	23.8	0.0
25°	279.4	206.9	149.2	100.8	58.9	24.3	0.0
22.5°	284.6	210.6	152.3	103.0	60.2	24.7	0.0
20°	288.6	214.2	154.8	105.0	61.4	25.1	0.0
17.5°	292.3	217.1	156.8	106.7	62.4	25.5	0.0
15°	295.2	219.5	158.4	108.2	63.3	25.8	0.0
12.5°	297.0	221.2	159.5	109.3	64.1	26.1	0.0
10°	297.8	222.3	160.2	110.2	64.6	26.3	0.0
7.5°	297.4	222.7	160.4	110.9	65.1	26.4	0.0
5°	296.1	222.6	160.2	111.2	65.4	26.5	0.0
2.5°	293.8	221.8	159.6	111.3	65.5	26.6	0.0
0°	290.7	220.4	158.6	111.1	65.5	26.6	0.0
-2.5°	287.4	218.3	157.8	110.6	65.3	26.6	0.0
-5°	283.2	215.7	156.7	109.8	65.0	26.6	0.0
-7.5°	278.4	212.5	155.2	108.8	64.6	26.6	0.0
-10°	272.8	208.8	153.4	107.6	64.0	26.4	0.0
-12.5°	266.5	204.7	151.2	106.1	63.3	26.3	0.0
-15°	259.6	200.2	148.7	104.3	62.4	26.0	0.0
-17.5°	252.1	195.2	145.8	102.4	61.4	25.8	0.0
-20°	244.3	190.0	142.6	100.2	60.3	25.4	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	236.5	184.4	139.1	97.8	59.1	25.1	0.0
-25°	228.2	178.9	135.3	95.3	57.8	24.6	0.0
-27.5°	219.5	173.1	131.2	92.5	56.3	24.2	0.0
-30°	210.5	166.9	126.8	89.5	54.7	23.6	0.0
-32.5°	201.1	160.4	122.2	86.4	53.1	23.1	0.0
-35°	192.3	153.5	117.5	83.1	51.3	22.4	0.0
-37.5°	183.6	146.7	112.4	79.7	49.4	21.8	0.0
-40°	174.5	140.0	107.2	76.0	47.5	21.1	0.0
-42.5°	165.2	133.2	102.0	72.3	45.4	20.3	0.0
-45°	155.6	126.1	96.8	68.4	43.3	19.5	0.0
-47.5°	145.7	118.8	91.5	64.4	41.1	18.7	0.0
-50°	136.7	111.4	86.0	60.8	38.8	17.8	0.0
-52.5°	127.6	103.8	80.3	57.3	36.4	16.9	0.0
-55°	118.5	96.4	74.4	53.7	34.0	15.9	0.0
-57.5°	109.2	89.0	68.4	49.9	31.5	14.9	0.0
-60°	99.8	81.4	62.3	46.1	29.0	13.9	0.0
-62.5°	90.6	73.7	57.1	42.2	26.8	12.9	0.0
-65°	81.3	65.8	51.9	38.2	24.6	11.8	0.0
-67.5°	71.8	58.5	46.5	34.1	22.3	10.7	0.0
-70°	62.3	51.8	41.1	30.0	20.0	9.5	0.0
-72.5°	54.0	45.0	35.6	26.3	17.6	8.4	0.0
-75°	45.9	38.1	30.0	22.6	15.2	7.2	0.0
-77.5°	37.7	31.2	25.0	18.9	12.7	6.1	0.0
-80°	29.5	24.8	20.0	15.2	10.2	4.9	0.0
-82.5°	22.1	18.6	15.0	11.4	7.7	3.7	0.0
-85°	14.7	12.4	10.0	7.6	5.1	2.4	0.0
-87.5°	7.4	6.2	5.0	3.8	2.6	1.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)