

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: P558722 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-927-U-WAF-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558722 (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-SA2E-927-U-WAF-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (32) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

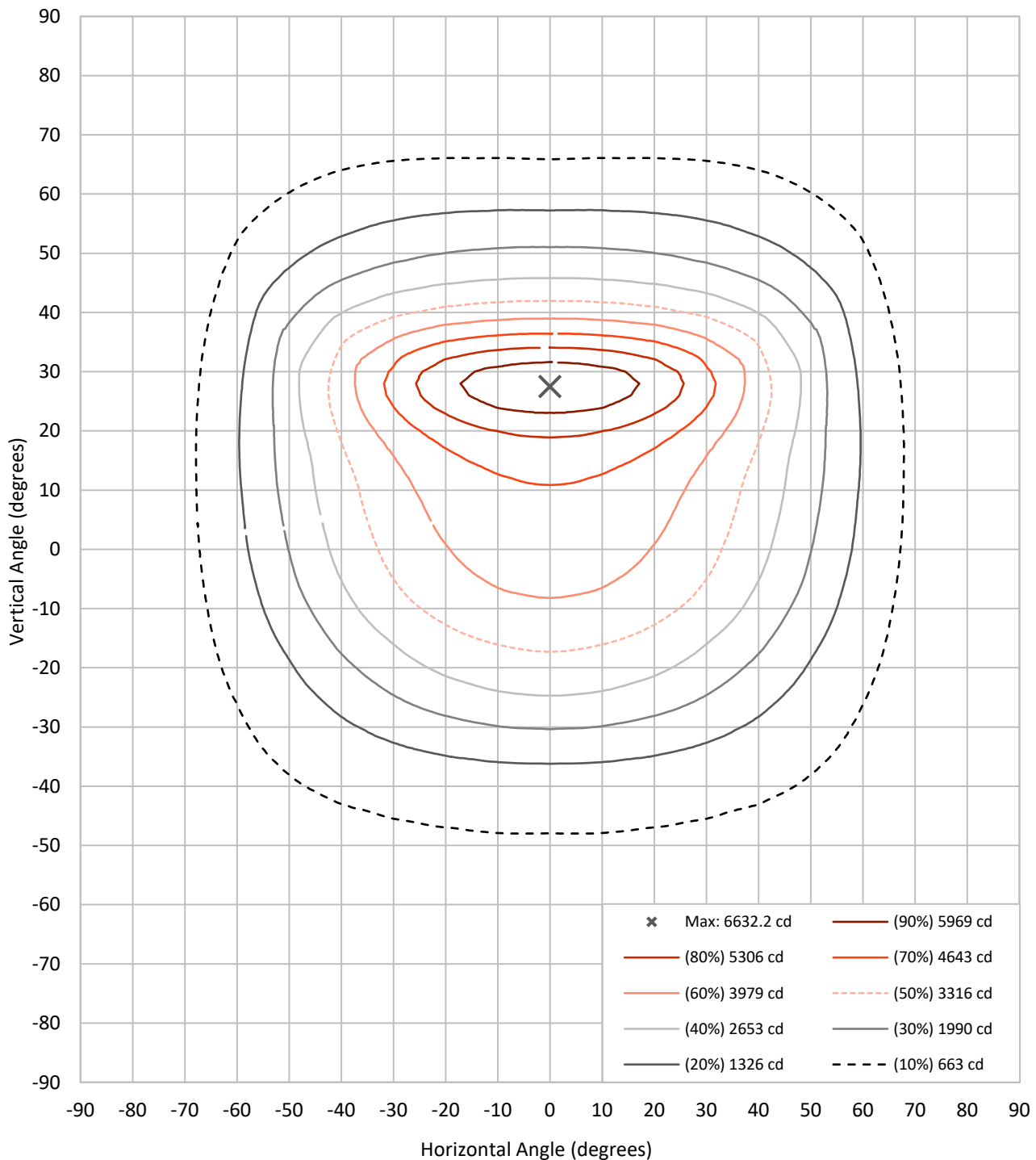
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	9668.7 lumens	Max Intensity:	6632.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	76.1 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:	5024.8 lumens	Field Lumens:	8944.4 lumens
Beam Efficiency:	52.0%	Field Efficiency:	92.5%
Input Watts (W):	127		
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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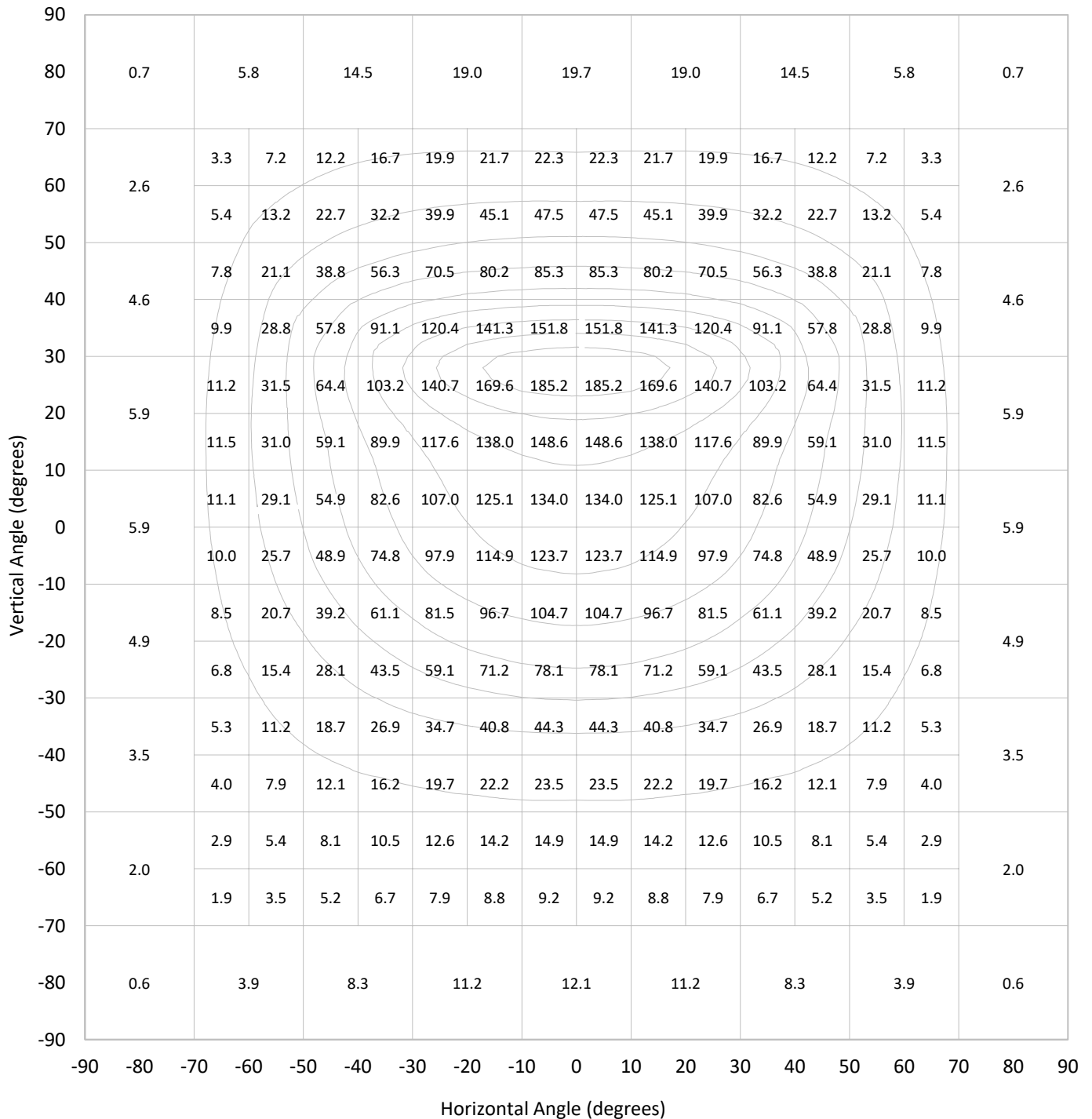
Iso-Candela Plot





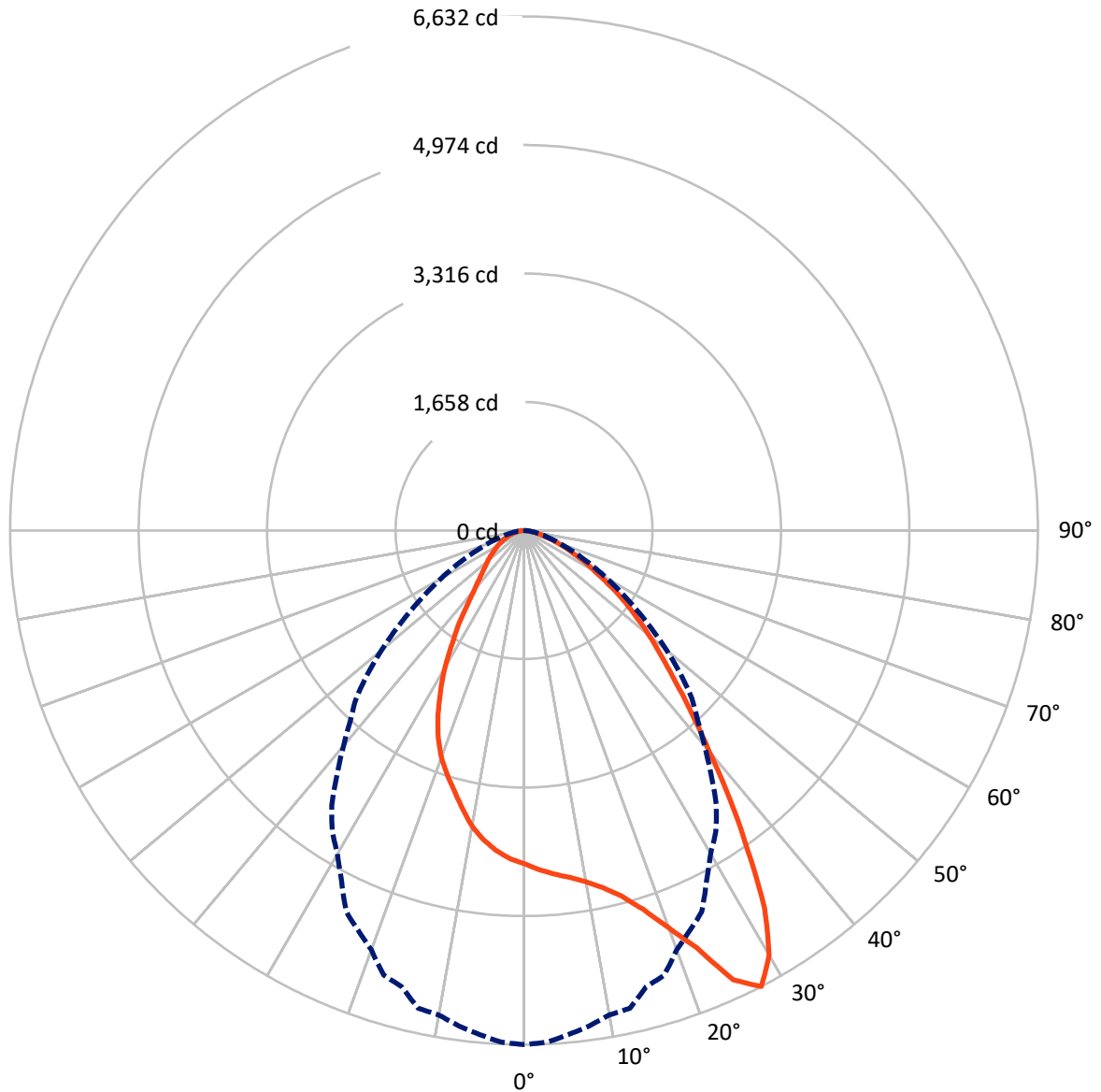
REPORT NUMBER: P558722 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



REPORT NUMBER: P558722 (CONVERTED FROM TYPE C PHOTOMETRY)
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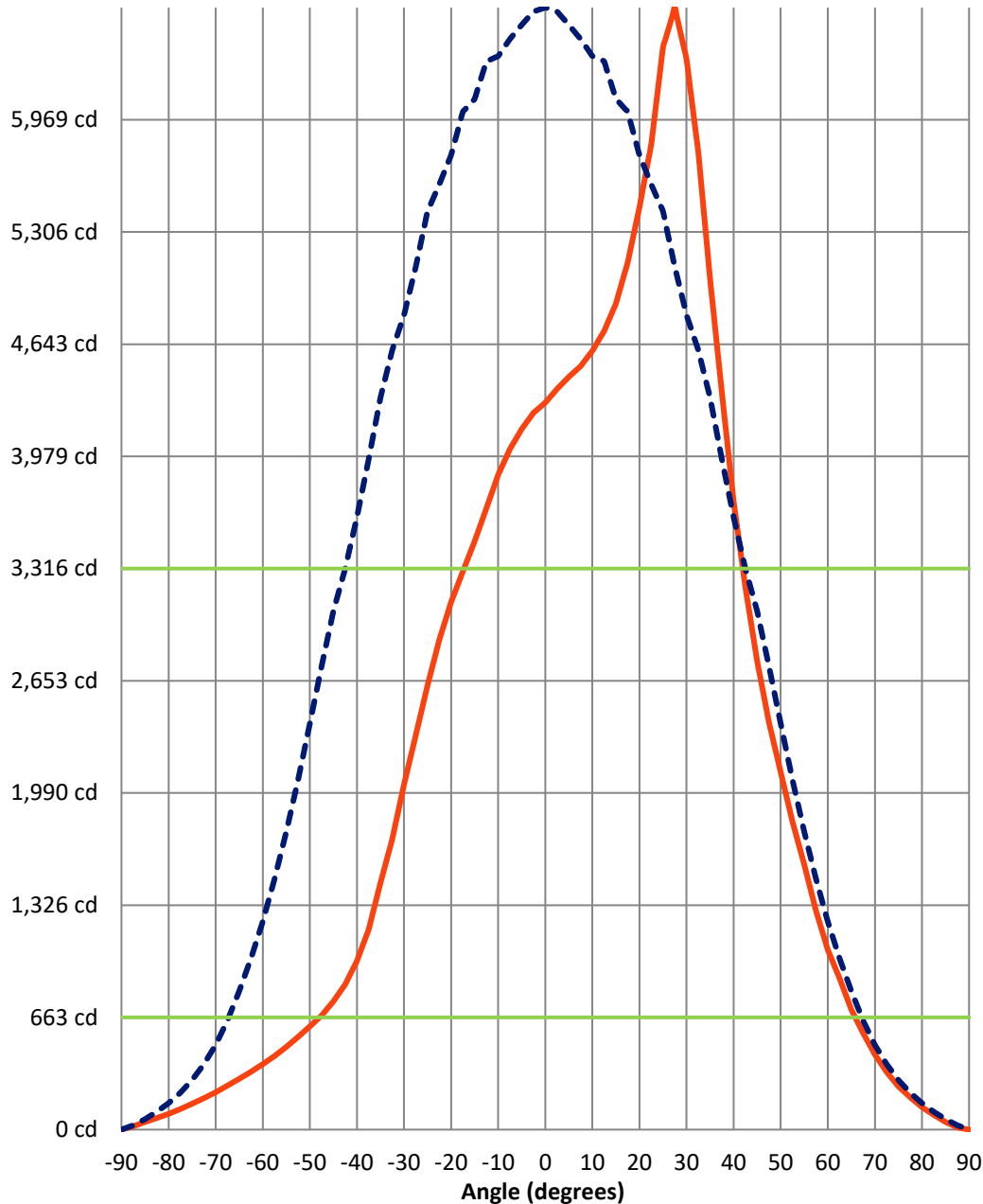
Luminous Intensity Polar Plot



— 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: 5024.8
 Efficiency: 52.0%

Field:
 H Angle: 134.5°
 V Angle: 113.8°
 Lumens: 8944.4
 Efficiency: 92.5%

Spill:
 Lumens: 724.3
 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	1.3	2.6	3.8	5.1	6.2	7.4	8.5	9.6	10.6	11.6
85°	0.0	2.5	5.2	7.7	10.1	12.5	14.8	17.0	19.2	21.2	23.2
82.5°	0.0	3.8	7.7	11.5	15.1	18.7	22.2	25.5	29.3	35.7	42.4
80°	0.0	5.1	10.3	15.3	20.1	24.9	30.1	38.5	47.2	56.4	65.8
77.5°	0.0	6.3	12.8	19.0	25.1	32.4	42.8	53.6	65.0	76.8	90.5
75°	0.0	7.5	15.3	22.7	30.5	42.5	55.3	68.6	83.0	101.1	119.6
72.5°	0.0	8.7	17.8	26.4	38.2	52.5	67.6	84.5	105.2	126.5	148.3
70°	0.0	9.9	20.2	30.4	45.8	62.2	80.1	103.3	127.0	151.6	180.2
67.5°	0.0	11.1	22.6	35.8	53.2	71.7	95.4	121.7	148.5	180.3	212.4
65°	0.0	12.3	24.9	41.1	60.4	82.3	110.2	139.6	173.4	208.5	245.8
62.5°	0.0	13.4	27.2	46.2	67.5	93.9	124.6	159.7	197.7	237.0	282.5
60°	0.0	14.5	29.4	51.3	74.3	105.0	138.4	180.2	221.3	268.5	318.1
57.5°	0.0	15.6	32.6	56.1	82.6	115.8	154.1	200.0	247.0	298.7	358.7
55°	0.0	16.6	35.6	60.8	90.5	126.0	169.4	218.3	272.4	329.3	400.3
52.5°	0.0	17.6	38.6	65.3	98.2	136.1	183.8	237.8	296.8	363.6	439.5
50°	0.0	18.6	41.5	69.6	105.4	147.1	197.3	256.4	321.3	395.8	486.3
47.5°	0.0	19.6	44.2	74.0	112.3	157.5	210.3	273.6	347.4	425.8	531.0
45°	0.0	20.5	46.9	78.8	118.8	167.2	223.8	289.6	370.1	462.1	572.2
42.5°	0.0	21.3	49.4	83.4	124.8	176.2	236.2	306.2	391.0	495.5	618.5
40°	0.0	22.2	51.8	87.7	131.0	184.4	247.5	322.9	412.1	525.5	661.9
37.5°	0.0	22.9	54.1	91.8	137.1	191.9	257.8	338.1	434.9	553.0	700.7
35°	0.0	23.7	56.2	95.6	142.7	199.4	266.9	351.7	454.9	582.2	737.3
32.5°	0.0	24.3	58.2	99.2	147.8	206.4	275.6	363.7	472.3	607.2	769.9
30°	0.0	25.0	60.0	102.5	152.3	212.5	285.0	374.9	486.9	628.0	797.0
27.5°	0.0	25.6	61.8	105.5	156.6	217.8	293.1	386.5	500.4	644.6	818.5
25°	0.0	26.1	63.3	108.2	160.3	222.3	300.0	396.0	513.7	659.9	834.6
22.5°	0.0	26.6	64.7	110.7	163.6	226.2	305.6	403.4	523.6	672.2	848.4
20°	0.0	27.0	66.0	112.8	166.3	230.0	309.9	408.7	530.4	680.2	857.3
17.5°	0.0	27.4	67.1	114.7	168.5	233.2	313.8	412.1	534.1	684.0	861.4
15°	0.0	27.7	68.0	116.2	170.2	235.7	317.0	414.4	534.8	683.8	860.9
12.5°	0.0	28.0	68.8	117.5	171.4	237.5	319.0	416.1	534.9	679.7	855.8
10°	0.0	28.3	69.5	118.5	172.1	238.7	319.7	416.3	534.0	677.6	848.0
7.5°	0.0	28.4	69.9	119.1	172.3	239.2	319.4	414.8	530.8	673.3	839.3
5°	0.0	28.5	70.3	119.5	172.1	239.0	318.0	411.9	525.5	666.1	826.4
2.5°	0.0	28.6	70.4	119.6	171.5	238.2	315.6	407.6	518.3	656.2	809.7
0°	0.0	28.6	70.4	119.4	170.4	236.7	312.2	402.0	509.1	643.7	789.6
-2.5°	0.0	28.6	70.2	118.9	169.6	234.5	308.6	396.1	500.1	629.8	769.4
-5°	0.0	28.6	69.9	118.0	168.4	231.6	304.2	389.0	489.5	613.8	746.5
-7.5°	0.0	28.5	69.4	116.9	166.7	228.2	298.9	380.9	477.5	595.7	721.4
-10°	0.0	28.4	68.8	115.6	164.8	224.3	292.9	371.7	464.1	575.9	694.2
-12.5°	0.0	28.2	68.0	114.0	162.4	219.8	286.2	361.7	449.5	554.8	667.6
-15°	0.0	28.0	67.1	112.1	159.7	215.0	278.8	350.8	434.6	534.0	640.4
-17.5°	0.0	27.7	66.1	110.0	156.6	209.7	270.7	340.0	419.6	512.0	611.8
-20°	0.0	27.4	64.9	107.7	153.2	204.0	262.4	329.0	403.9	489.1	582.1



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 CATALOG NUMBER: GFLD-SA2E-927-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	27.0	63.5	105.1	149.4	198.0	254.0	317.2	387.4	465.4	551.5
-25°	0.0	26.5	62.1	102.4	145.3	192.1	245.1	304.7	370.4	441.1	520.1
-27.5°	0.0	26.0	60.5	99.4	140.9	185.8	235.8	291.6	352.9	417.5	490.3
-30°	0.0	25.4	58.8	96.2	136.1	179.2	226.1	277.8	335.9	396.0	460.6
-32.5°	0.0	24.8	57.0	92.9	131.3	172.2	215.9	265.0	319.1	374.4	431.1
-35°	0.0	24.1	55.1	89.3	126.1	164.9	206.5	252.3	301.7	352.8	401.8
-37.5°	0.0	23.4	53.1	85.6	120.7	157.5	197.1	239.4	283.9	331.3	377.6
-40°	0.0	22.6	51.0	81.7	115.1	150.4	187.4	226.3	265.7	310.4	354.7
-42.5°	0.0	21.8	48.8	77.7	109.5	143.0	177.4	213.0	249.3	290.2	331.4
-45°	0.0	21.0	46.5	73.6	104.0	135.4	167.1	200.1	233.9	269.9	308.0
-47.5°	0.0	20.1	44.2	69.3	98.3	127.6	156.5	187.8	218.5	249.6	285.5
-50°	0.0	19.1	41.7	65.4	92.4	119.7	146.8	175.2	203.4	232.6	263.2
-52.5°	0.0	18.1	39.2	61.6	86.2	111.5	137.1	162.3	188.6	215.3	241.3
-55°	0.0	17.1	36.6	57.7	80.0	103.6	127.3	149.5	174.0	197.6	221.9
-57.5°	0.0	16.0	33.9	53.7	73.5	95.6	117.3	138.1	159.0	180.8	202.2
-60°	0.0	14.9	31.2	49.6	67.0	87.5	107.2	126.5	144.3	164.0	182.9
-62.5°	0.0	13.8	28.8	45.4	61.4	79.1	97.3	114.7	131.1	147.0	164.3
-65°	0.0	12.7	26.4	41.1	55.8	70.7	87.3	102.9	117.7	131.7	145.7
-67.5°	0.0	11.5	24.0	36.7	50.0	62.8	77.2	91.3	104.1	116.8	128.6
-70°	0.0	10.3	21.5	32.2	44.1	55.6	66.9	79.6	91.2	101.7	112.2
-72.5°	0.0	9.0	18.9	28.2	38.2	48.3	58.0	67.8	78.2	87.6	96.0
-75°	0.0	7.8	16.3	24.3	32.2	40.9	49.3	57.4	65.2	73.5	80.9
-77.5°	0.0	6.5	13.6	20.3	26.8	33.5	40.5	47.4	53.8	59.9	65.9
-80°	0.0	5.2	10.9	16.3	21.5	26.6	31.7	37.3	42.6	47.6	52.3
-82.5°	0.0	3.9	8.2	12.2	16.2	20.0	23.7	27.5	31.4	35.3	39.0
-85°	0.0	2.6	5.5	8.2	10.8	13.3	15.8	18.4	20.9	23.4	25.8
-87.5°	0.0	1.3	2.8	4.1	5.4	6.7	7.9	9.2	10.5	11.7	12.9
-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: P558722 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-927-U-WAF-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°	12.2	12.8	13.2	13.5	14.0	14.4	14.8	15.1	15.4	15.6	15.8
85°	24.5	25.5	28.6	31.4	34.4	37.1	39.6	41.7	43.4	44.8	45.9
82.5°	47.9	53.0	57.8	62.4	66.5	70.3	73.8	77.9	81.3	84.0	86.3
80°	73.4	80.4	88.9	96.8	104.0	110.6	116.5	121.9	126.1	130.3	134.4
77.5°	103.2	114.5	125.0	134.7	144.1	155.1	165.2	174.5	181.7	187.1	191.2
75°	135.2	148.6	164.0	179.2	193.5	206.6	219.4	234.9	247.6	257.1	264.7
72.5°	169.4	188.7	207.5	225.7	246.6	267.0	286.8	305.9	322.7	335.0	345.0
70°	206.3	228.7	254.7	280.9	306.1	331.7	359.0	383.8	404.3	418.8	432.7
67.5°	244.0	275.5	306.2	337.8	373.5	406.0	435.8	467.2	494.9	513.1	529.0
65°	287.5	322.7	363.7	405.6	444.8	485.4	523.0	557.1	592.0	617.4	638.3
62.5°	329.6	379.1	427.4	476.3	525.6	569.8	618.9	662.8	697.9	734.3	765.4
60°	379.4	438.2	497.5	556.5	611.6	673.7	727.6	778.6	825.6	866.1	904.4
57.5°	429.2	505.1	575.2	644.4	717.4	783.8	847.2	904.3	960.5	1007.3	1053.3
55°	481.6	579.2	660.1	745.7	826.0	901.0	972.2	1043.7	1103.5	1168.1	1224.3
52.5°	539.6	651.2	755.8	850.0	940.5	1027.1	1112.2	1198.2	1282.3	1349.2	1412.8
50°	593.9	727.0	852.8	960.3	1064.3	1167.0	1273.4	1381.0	1473.6	1550.2	1616.3
47.5°	653.7	797.4	957.1	1076.0	1200.8	1328.1	1457.4	1576.1	1677.0	1781.3	1854.3
45°	712.0	868.5	1041.9	1206.9	1351.3	1505.5	1647.8	1778.8	1925.1	2038.9	2136.4
42.5°	765.1	936.0	1128.9	1338.9	1519.5	1685.0	1839.0	2023.4	2191.4	2324.4	2446.1
40°	819.9	997.3	1208.1	1461.6	1687.3	1863.9	2051.4	2255.1	2473.8	2637.4	2783.0
37.5°	869.9	1060.1	1280.5	1555.2	1852.4	2046.6	2253.9	2474.9	2724.2	2970.4	3145.4
35°	914.1	1113.3	1352.4	1631.4	1935.7	2223.7	2442.9	2678.3	2951.1	3270.7	3509.6
32.5°	954.3	1156.7	1409.3	1690.8	1999.5	2337.2	2615.3	2857.0	3130.7	3460.5	3866.2
30°	987.0	1198.7	1451.8	1733.7	2043.3	2379.6	2732.9	2996.2	3256.0	3579.5	3957.1
27.5°	1011.8	1229.6	1481.1	1760.5	2066.7	2399.4	2739.1	3064.0	3315.5	3619.9	3963.3
25°	1030.9	1254.8	1496.6	1770.4	2070.1	2390.7	2717.6	3025.1	3307.4	3575.7	3883.9
22.5°	1046.7	1272.2	1513.5	1763.7	2054.5	2359.9	2667.4	2960.5	3233.8	3485.0	3750.1
20°	1058.5	1283.3	1522.1	1770.2	2028.3	2309.9	2604.0	2882.9	3146.9	3390.2	3606.0
17.5°	1063.8	1286.6	1522.1	1769.0	2023.9	2270.2	2526.3	2794.4	3053.9	3295.6	3508.8
15°	1062.9	1282.3	1513.7	1759.6	2010.6	2254.7	2490.6	2711.7	2953.4	3197.7	3410.1
12.5°	1055.8	1270.7	1497.2	1742.0	1989.1	2230.2	2461.8	2683.9	2900.6	3105.2	3308.3
10°	1043.0	1252.2	1473.0	1716.3	1959.3	2196.8	2425.5	2648.3	2862.7	3063.6	3252.7
7.5°	1029.8	1231.4	1443.9	1682.6	1921.3	2154.6	2381.2	2604.5	2814.7	3015.2	3206.1
5°	1012.5	1209.4	1421.7	1650.4	1880.4	2108.1	2329.8	2552.0	2756.6	2958.9	3150.6
2.5°	990.5	1182.1	1393.7	1611.3	1834.7	2060.0	2274.2	2492.2	2702.1	2896.5	3085.4
0°	964.1	1149.8	1359.9	1565.0	1781.2	2003.7	2209.7	2422.9	2641.3	2824.9	3009.6
-2.5°	935.4	1111.0	1310.6	1514.7	1723.7	1941.8	2153.1	2355.2	2568.7	2754.3	2943.0
-5°	903.1	1068.2	1256.2	1457.9	1659.4	1872.0	2087.3	2279.4	2483.4	2666.9	2852.4
-7.5°	867.9	1022.0	1197.3	1394.2	1586.1	1786.6	1990.5	2175.4	2373.6	2555.2	2735.9
-10°	830.8	976.4	1140.0	1322.2	1503.1	1690.0	1881.5	2062.6	2253.2	2434.0	2607.8
-12.5°	795.2	931.5	1081.1	1246.6	1415.5	1588.2	1766.3	1941.1	2121.9	2303.6	2466.1
-15°	757.9	884.3	1020.1	1168.5	1324.0	1482.1	1645.6	1811.1	1980.8	2158.5	2308.6
-17.5°	719.3	835.2	957.9	1088.7	1229.4	1372.5	1522.9	1682.5	1837.8	1999.7	2144.9
-20°	679.9	784.7	895.2	1007.9	1132.9	1270.1	1410.8	1554.1	1695.2	1836.2	1972.5



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 CATALOG NUMBER: GFLD-SA2E-927-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°	639.8	733.1	833.7	932.8	1051.7	1175.6	1299.0	1423.4	1550.0	1671.4	1800.4
-25°	601.2	685.2	774.0	870.4	972.5	1081.7	1187.7	1292.9	1405.2	1519.0	1630.0
-27.5°	563.9	638.0	721.9	807.9	892.9	990.1	1082.9	1172.0	1270.0	1370.4	1460.1
-30°	526.6	597.0	670.4	746.7	821.5	902.6	982.9	1061.1	1140.9	1226.9	1304.5
-32.5°	492.0	556.2	623.0	689.9	753.4	816.3	890.5	959.9	1025.3	1086.5	1154.3
-35°	460.3	519.2	577.3	634.9	687.2	742.6	804.6	863.1	915.5	964.7	1016.6
-37.5°	430.4	482.9	531.8	583.3	629.8	677.2	722.8	773.5	816.0	855.3	897.8
-40°	400.5	447.4	491.5	534.5	577.0	616.7	655.6	690.1	724.3	762.1	791.3
-42.5°	371.0	414.6	454.0	487.0	527.2	561.3	591.6	620.1	648.1	677.6	701.0
-45°	345.0	382.1	418.1	449.7	479.8	508.9	534.5	557.0	583.5	603.9	621.6
-47.5°	318.7	350.9	383.7	412.9	438.1	461.8	480.8	503.4	525.1	542.6	553.0
-50°	292.9	322.3	350.1	377.3	400.1	419.2	435.6	454.1	472.2	487.1	496.9
-52.5°	269.1	293.6	319.4	342.6	363.6	380.6	396.3	412.4	425.6	435.9	448.8
-55°	245.5	268.2	289.7	310.5	328.5	344.0	359.4	373.7	385.0	393.9	404.6
-57.5°	223.4	243.8	262.6	280.1	296.3	309.6	324.6	336.8	347.4	355.6	366.6
-60°	201.9	220.1	237.2	252.4	265.7	278.9	291.1	302.4	311.6	319.8	329.8
-62.5°	180.5	197.0	212.4	226.3	238.4	249.3	260.3	269.9	277.6	286.1	294.5
-65°	160.4	174.3	187.8	200.5	211.9	222.3	231.4	239.1	246.3	253.9	260.7
-67.5°	140.4	153.4	164.7	174.8	185.3	195.4	203.8	211.0	217.0	223.1	228.8
-70°	122.5	132.9	143.2	152.3	160.3	168.7	176.9	183.6	189.0	193.8	198.4
-72.5°	104.9	114.1	122.6	130.5	137.8	144.5	150.9	157.0	162.0	165.8	169.1
-75°	88.2	95.3	102.7	109.6	115.5	120.7	125.7	130.5	134.6	137.9	140.5
-77.5°	72.2	78.2	83.9	89.2	93.4	97.6	101.4	104.9	108.1	110.5	112.3
-80°	56.7	61.0	65.6	70.0	73.3	76.1	78.5	80.6	82.9	85.3	87.3
-82.5°	42.2	45.3	48.4	51.3	53.6	55.5	57.2	58.9	60.5	62.0	63.4
-85°	27.8	29.6	31.4	33.2	35.0	36.5	37.8	38.9	39.9	40.6	41.3
-87.5°	13.9	14.8	15.6	16.4	17.2	18.0	18.8	19.4	19.9	20.3	20.6
-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: P558722 (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°	15.9	15.9	15.9	15.8	15.7	15.1	14.4	13.6	12.9	13.2	13.6
85°	46.8	46.9	46.8	46.3	45.6	45.5	45.4	45.1	44.6	45.3	45.9
82.5°	88.0	88.6	88.7	88.3	87.4	87.8	88.0	87.8	87.3	87.9	88.3
80°	137.5	138.8	138.9	138.0	136.1	136.4	136.5	136.1	135.2	135.5	135.4
77.5°	196.0	199.0	200.1	199.6	197.8	197.2	195.9	193.2	189.2	189.2	189.3
75°	270.5	273.6	275.2	275.1	273.3	272.0	270.4	267.3	262.9	262.8	262.8
72.5°	352.7	357.2	359.2	361.1	361.1	360.4	358.2	353.6	346.9	346.1	346.9
70°	443.5	451.1	456.0	459.7	462.6	463.2	461.8	458.1	452.2	450.7	450.2
67.5°	544.6	556.9	566.1	572.2	578.0	582.2	583.8	582.1	577.4	575.8	576.4
65°	658.0	676.8	692.4	704.1	711.9	717.4	722.2	725.1	725.8	727.5	729.7
62.5°	790.4	813.6	835.2	850.0	857.6	862.9	878.5	887.4	890.0	890.5	894.0
60°	938.3	967.5	994.5	1016.2	1033.8	1047.0	1060.3	1069.0	1072.3	1072.9	1077.6
57.5°	1099.9	1136.6	1168.3	1201.9	1225.3	1238.9	1256.6	1274.8	1284.3	1287.0	1298.2
55°	1278.8	1328.9	1370.0	1405.9	1438.6	1467.4	1491.7	1510.5	1524.4	1532.8	1547.6
52.5°	1476.6	1535.5	1578.4	1620.6	1667.5	1700.6	1722.2	1757.0	1782.1	1795.9	1813.6
50°	1693.7	1759.4	1817.8	1862.0	1916.6	1961.8	1994.7	2027.6	2050.7	2063.8	2081.0
47.5°	1940.9	2021.8	2089.6	2130.6	2194.0	2247.2	2268.6	2293.5	2336.9	2357.7	2376.0
45°	2219.3	2322.4	2397.8	2462.0	2516.4	2576.1	2615.2	2643.4	2686.1	2707.6	2721.1
42.5°	2550.5	2665.3	2764.5	2841.5	2887.3	2964.7	3021.2	3037.1	3097.6	3138.7	3150.7
40°	2921.9	3049.2	3180.1	3267.8	3341.5	3420.1	3513.3	3565.2	3616.4	3656.7	3665.8
37.5°	3309.0	3479.3	3628.7	3742.0	3863.9	3979.9	4078.6	4132.5	4166.1	4243.0	4271.8
35°	3702.5	3878.2	4087.4	4263.6	4411.3	4554.6	4667.2	4755.9	4840.3	4909.6	4951.2
32.5°	4037.5	4226.6	4485.0	4748.8	4908.3	5063.3	5248.3	5349.8	5462.6	5553.9	5620.6
30°	4312.8	4492.6	4727.9	5058.9	5277.2	5434.4	5668.6	5808.9	5931.7	6086.5	6140.3
27.5°	4325.9	4606.9	4815.0	5100.0	5427.6	5587.2	5760.5	6015.6	6093.0	6313.7	6345.5
25°	4212.4	4507.4	4721.2	4959.1	5231.5	5425.6	5583.9	5796.0	5907.1	6049.0	6158.0
22.5°	4034.8	4294.8	4512.9	4714.7	4927.2	5103.9	5248.7	5397.7	5519.6	5629.8	5732.1
20°	3838.7	4085.5	4292.3	4465.8	4634.2	4798.1	4928.2	5053.5	5158.9	5253.4	5311.6
17.5°	3700.5	3878.1	4089.4	4267.1	4413.2	4541.8	4676.4	4781.2	4873.7	4958.7	5012.0
15°	3606.2	3775.0	3925.5	4088.6	4242.5	4365.1	4466.5	4574.6	4654.5	4727.8	4785.4
12.5°	3508.3	3682.3	3839.8	3975.6	4096.0	4230.0	4338.3	4423.4	4507.2	4564.7	4624.0
10°	3426.5	3589.3	3752.7	3896.1	4022.9	4133.2	4235.8	4331.2	4406.4	4470.9	4517.6
7.5°	3379.1	3538.7	3685.5	3823.1	3946.7	4064.3	4170.1	4257.5	4332.1	4398.9	4447.7
5°	3324.1	3482.1	3628.6	3769.2	3888.0	4000.9	4106.2	4196.3	4273.5	4332.9	4379.7
2.5°	3261.0	3416.8	3563.1	3706.0	3824.7	3933.6	4033.3	4121.1	4201.5	4258.1	4297.9
0°	3189.1	3345.2	3488.0	3622.7	3742.1	3859.4	3951.2	4039.9	4118.5	4174.6	4214.4
-2.5°	3116.6	3271.8	3419.6	3548.6	3667.1	3775.4	3873.2	3957.0	4032.0	4087.8	4122.8
-5°	3020.3	3174.4	3320.3	3450.4	3574.1	3682.8	3777.9	3863.1	3935.4	3996.3	4043.7
-7.5°	2903.6	3059.5	3205.2	3338.0	3461.1	3563.9	3655.1	3741.0	3818.1	3884.7	3943.1
-10°	2775.2	2929.4	3067.2	3191.5	3306.3	3410.8	3507.8	3592.7	3663.4	3728.5	3777.6
-12.5°	2625.8	2768.6	2903.3	3025.9	3138.1	3242.7	3335.0	3415.8	3487.0	3544.7	3589.0
-15°	2460.9	2596.4	2724.1	2849.4	2966.8	3069.8	3151.0	3236.2	3297.9	3354.0	3393.8
-17.5°	2284.5	2415.5	2549.8	2675.4	2783.8	2885.4	2974.8	3052.6	3117.3	3168.8	3213.7
-20°	2105.7	2239.2	2368.4	2488.1	2592.4	2686.5	2777.0	2851.8	2918.2	2974.1	3026.8



REPORT NUMBER: P558722 (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°	1926.2	2048.6	2169.8	2287.0	2385.6	2474.6	2553.8	2625.4	2683.9	2749.9	2796.4
-25°	1741.7	1849.0	1958.5	2061.9	2155.2	2242.7	2314.5	2377.2	2438.3	2501.9	2547.3
-27.5°	1556.4	1651.3	1740.2	1831.7	1913.4	1989.2	2055.9	2110.8	2170.0	2212.5	2262.4
-30°	1373.1	1459.1	1533.3	1597.0	1673.8	1738.9	1790.7	1845.2	1894.2	1934.8	1976.8
-32.5°	1217.9	1276.7	1336.0	1389.2	1440.3	1493.8	1535.6	1583.2	1616.7	1651.7	1685.6
-35°	1068.7	1114.0	1153.4	1203.2	1241.5	1270.6	1305.4	1340.4	1353.8	1391.8	1412.1
-37.5°	933.7	963.4	1000.1	1034.8	1063.2	1085.0	1116.0	1134.3	1144.0	1168.5	1181.7
-40°	818.0	836.8	871.1	894.7	911.8	927.7	953.5	965.4	978.5	990.7	991.1
-42.5°	716.3	740.5	763.7	782.3	793.1	811.1	823.3	824.6	841.7	852.5	854.2
-45°	633.1	657.7	676.1	689.8	700.6	716.0	723.8	728.2	742.1	749.5	752.7
-47.5°	569.2	586.4	602.3	612.9	627.0	638.5	644.2	651.5	662.2	669.0	673.8
-50°	513.1	526.7	538.8	548.4	562.5	572.7	578.2	587.2	595.2	600.1	603.9
-52.5°	463.6	475.8	484.2	493.6	505.2	514.3	521.3	530.2	536.8	541.1	544.5
-55°	417.4	428.8	437.0	447.2	455.6	461.6	467.6	476.3	482.8	487.2	490.1
-57.5°	376.6	385.1	393.2	402.5	410.4	417.0	422.3	427.1	431.4	435.0	437.8
-60°	338.3	345.3	352.7	359.9	365.9	370.7	376.4	380.8	383.5	385.2	387.5
-62.5°	301.6	307.9	314.4	320.2	325.0	329.0	333.6	337.2	339.8	341.6	342.9
-65°	266.7	272.0	277.6	282.5	286.6	290.0	293.3	295.8	297.6	299.2	300.4
-67.5°	234.0	238.2	242.1	245.5	248.6	251.6	254.4	256.3	257.4	258.6	259.9
-70°	202.4	205.8	208.4	210.4	212.3	214.6	217.3	219.2	220.3	221.5	222.6
-72.5°	172.0	174.4	176.5	178.2	179.2	180.7	182.6	184.1	185.3	186.2	186.7
-75°	142.6	144.6	146.5	147.8	148.5	149.6	150.5	151.1	151.1	151.6	151.8
-77.5°	113.9	115.9	117.6	118.8	119.6	120.4	121.1	121.5	121.6	121.7	121.4
-80°	88.9	90.3	91.4	92.3	92.8	93.4	93.8	93.8	93.7	93.9	93.9
-82.5°	64.6	65.8	66.8	67.6	68.1	68.7	69.2	69.5	69.7	69.8	69.7
-85°	41.8	42.4	42.9	43.4	43.8	44.1	44.3	44.3	44.2	44.2	44.2
-87.5°	20.9	20.6	20.3	19.9	19.4	19.5	19.6	19.7	19.7	19.9	20.1
-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):

	-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°	13.9	14.2	13.2	12.2	13.2	14.2	13.9	13.6	13.2	12.9	13.6
85°	46.3	46.7	45.8	44.9	45.8	46.7	46.3	45.9	45.3	44.6	45.1
82.5°	88.5	88.3	87.6	86.7	87.6	88.3	88.5	88.3	87.9	87.3	87.8
80°	134.9	134.0	133.5	132.6	133.5	134.0	134.9	135.4	135.5	135.2	136.1
77.5°	188.8	187.8	189.5	190.8	189.5	187.8	188.8	189.3	189.2	189.2	193.2
75°	261.8	259.8	257.8	255.0	257.8	259.8	261.8	262.8	262.8	262.9	267.3
72.5°	346.5	345.0	343.4	340.7	343.4	345.0	346.5	346.9	346.1	346.9	353.6
70°	447.5	442.8	443.5	443.8	443.5	442.8	447.5	450.2	450.7	452.2	458.1
67.5°	574.5	570.2	570.8	570.3	570.8	570.2	574.5	576.4	575.8	577.4	582.1
65°	728.4	723.5	717.7	709.0	717.7	723.5	728.4	729.7	727.5	725.8	725.1
62.5°	893.5	889.2	891.7	893.7	891.7	889.2	893.5	894.0	890.5	890.0	887.4
60°	1076.9	1070.9	1067.9	1063.0	1067.9	1070.9	1076.9	1077.6	1072.9	1072.3	1069.0
57.5°	1303.4	1302.3	1299.6	1292.6	1299.6	1302.3	1303.4	1298.2	1287.0	1284.3	1274.8
55°	1554.5	1553.1	1558.9	1566.0	1558.9	1553.1	1554.5	1547.6	1532.8	1524.4	1510.5
52.5°	1826.7	1831.3	1829.6	1820.0	1829.6	1831.3	1826.7	1813.6	1795.9	1782.1	1757.0
50°	2096.1	2101.2	2106.7	2111.8	2106.7	2101.2	2096.1	2081.0	2063.8	2050.7	2027.6
47.5°	2401.3	2414.9	2417.3	2407.6	2417.3	2414.9	2401.3	2376.0	2357.7	2336.9	2293.5
45°	2748.2	2756.4	2760.6	2768.8	2760.6	2756.4	2748.2	2721.1	2707.6	2686.1	2643.4
42.5°	3185.6	3195.0	3196.5	3205.4	3196.5	3195.0	3185.6	3150.7	3138.7	3097.6	3037.1
40°	3704.6	3720.0	3717.3	3713.5	3717.3	3720.0	3704.6	3665.8	3656.7	3616.4	3565.2
37.5°	4312.2	4338.4	4341.1	4357.2	4341.1	4338.4	4312.2	4271.8	4243.0	4166.1	4132.5
35°	4994.2	5024.9	5019.6	5027.5	5019.6	5024.9	4994.2	4951.2	4909.6	4840.3	4755.9
32.5°	5682.0	5728.2	5737.4	5776.3	5737.4	5728.2	5682.0	5620.6	5553.9	5462.6	5349.8
30°	6222.4	6287.1	6329.4	6326.2	6329.4	6287.1	6222.4	6140.3	6086.5	5931.7	5808.9
27.5°	6446.3	6530.1	6608.6	6632.2	6608.6	6530.1	6446.3	6345.5	6313.7	6093.0	6015.6
25°	6227.9	6289.1	6358.4	6395.6	6358.4	6289.1	6227.9	6158.0	6049.0	5907.1	5796.0
22.5°	5779.1	5818.9	5842.5	5823.2	5842.5	5818.9	5779.1	5732.1	5629.8	5519.6	5397.7
20°	5371.8	5422.2	5431.6	5451.9	5431.6	5422.2	5371.8	5311.6	5253.4	5158.9	5053.5
17.5°	5068.7	5101.7	5121.1	5125.4	5121.1	5101.7	5068.7	5012.0	4958.7	4873.7	4781.2
15°	4831.1	4857.6	4874.9	4882.6	4874.9	4857.6	4831.1	4785.4	4727.8	4654.5	4574.6
12.5°	4662.8	4695.0	4710.8	4720.4	4710.8	4695.0	4662.8	4624.0	4564.7	4507.2	4423.4
10°	4554.8	4585.9	4598.5	4603.1	4598.5	4585.9	4554.8	4517.6	4470.9	4406.4	4331.2
7.5°	4477.3	4497.3	4505.7	4512.3	4505.7	4497.3	4477.3	4447.7	4398.9	4332.1	4257.5
5°	4414.7	4430.6	4439.6	4449.0	4439.6	4430.6	4414.7	4379.7	4332.9	4273.5	4196.3
2.5°	4329.6	4352.3	4368.1	4377.6	4368.1	4352.3	4329.6	4297.9	4258.1	4201.5	4121.1
0°	4246.0	4267.5	4278.7	4297.0	4278.7	4267.5	4246.0	4214.4	4174.6	4118.5	4039.9
-2.5°	4154.1	4178.9	4208.4	4236.8	4208.4	4178.9	4154.1	4122.8	4087.8	4032.0	3957.0
-5°	4083.8	4116.5	4122.7	4140.9	4122.7	4116.5	4083.8	4043.7	3996.3	3935.4	3863.1
-7.5°	3977.7	3992.7	4018.1	4022.6	4018.1	3992.7	3977.7	3943.1	3884.7	3818.1	3741.0
-10°	3814.3	3838.6	3854.4	3870.6	3854.4	3838.6	3814.3	3777.6	3728.5	3663.4	3592.7
-12.5°	3622.2	3650.8	3676.3	3672.7	3676.3	3650.8	3622.2	3589.0	3544.7	3487.0	3415.8
-15°	3435.1	3462.7	3480.2	3477.8	3480.2	3462.7	3435.1	3393.8	3354.0	3297.9	3236.2
-17.5°	3249.3	3274.5	3299.9	3299.3	3299.9	3274.5	3249.3	3213.7	3168.8	3117.3	3052.6
-20°	3057.6	3079.1	3106.3	3117.7	3106.3	3079.1	3057.6	3026.8	2974.1	2918.2	2851.8



REPORT NUMBER: P558722 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-927-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°	2835.9	2863.4	2883.1	2895.3	2883.1	2863.4	2835.9	2796.4	2749.9	2683.9	2625.4
-25°	2577.4	2605.7	2620.6	2626.0	2620.6	2605.7	2577.4	2547.3	2501.9	2438.3	2377.2
-27.5°	2291.8	2323.5	2338.9	2331.1	2338.9	2323.5	2291.8	2262.4	2212.5	2170.0	2110.8
-30°	1998.9	2019.3	2021.6	2039.4	2021.6	2019.3	1998.9	1976.8	1934.8	1894.2	1845.2
-32.5°	1710.0	1723.7	1715.9	1717.0	1715.9	1723.7	1710.0	1685.6	1651.7	1616.7	1583.2
-35°	1424.7	1435.6	1437.8	1457.8	1437.8	1435.6	1424.7	1412.1	1391.8	1353.8	1340.4
-37.5°	1195.4	1199.7	1193.0	1183.4	1193.0	1199.7	1195.4	1181.7	1168.5	1144.0	1134.3
-40°	1000.8	1004.2	1001.7	996.7	1001.7	1004.2	1000.8	991.1	990.7	978.5	965.4
-42.5°	860.9	860.9	858.6	858.0	858.6	860.9	860.9	854.2	852.5	841.7	824.6
-45°	757.5	758.6	758.4	758.0	758.4	758.6	757.5	752.7	749.5	742.1	728.2
-47.5°	677.3	677.4	676.4	674.3	676.4	677.4	677.3	673.8	669.0	662.2	651.5
-50°	606.2	606.2	607.6	610.1	607.6	606.2	606.2	603.9	600.1	595.2	587.2
-52.5°	546.2	546.1	546.9	547.8	546.9	546.1	546.2	544.5	541.1	536.8	530.2
-55°	491.4	491.1	490.4	488.7	490.4	491.1	491.4	490.1	487.2	482.8	476.3
-57.5°	438.9	438.3	436.9	434.6	436.9	438.3	438.9	437.8	435.0	431.4	427.1
-60°	388.8	389.1	388.4	386.7	388.4	389.1	388.8	387.5	385.2	383.5	380.8
-62.5°	343.3	342.6	342.4	341.8	342.4	342.6	343.3	342.9	341.6	339.8	337.2
-65°	300.6	299.9	300.1	299.9	300.1	299.9	300.6	300.4	299.2	297.6	295.8
-67.5°	260.4	260.2	260.4	260.1	260.4	260.2	260.4	259.9	258.6	257.4	256.3
-70°	223.3	223.4	222.2	220.4	222.2	223.4	223.3	222.6	221.5	220.3	219.2
-72.5°	186.6	185.9	186.0	185.7	186.0	185.9	186.6	186.7	186.2	185.3	184.1
-75°	151.8	151.4	152.3	153.0	152.3	151.4	151.8	151.8	151.6	151.1	151.1
-77.5°	120.8	120.0	120.8	121.4	120.8	120.0	120.8	121.4	121.7	121.6	121.5
-80°	93.8	93.5	93.3	92.8	93.3	93.5	93.8	93.9	93.9	93.7	93.8
-82.5°	69.5	69.1	68.8	68.4	68.8	69.1	69.5	69.7	69.8	69.7	69.5
-85°	44.0	43.7	44.4	44.9	44.4	43.7	44.0	44.2	44.2	44.2	44.3
-87.5°	20.2	20.3	19.9	19.4	19.9	20.3	20.2	20.1	19.9	19.7	19.7
-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: P558722 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-927-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°	14.4	15.1	15.7	15.8	15.9	15.9	15.9	15.8	15.6	15.4	15.1
85°	45.4	45.5	45.6	46.3	46.8	46.9	46.8	45.9	44.8	43.4	41.7
82.5°	88.0	87.8	87.4	88.3	88.7	88.6	88.0	86.3	84.0	81.3	77.9
80°	136.5	136.4	136.1	138.0	138.9	138.8	137.5	134.4	130.3	126.1	121.9
77.5°	195.9	197.2	197.8	199.6	200.1	199.0	196.0	191.2	187.1	181.7	174.5
75°	270.4	272.0	273.3	275.1	275.2	273.6	270.5	264.7	257.1	247.6	234.9
72.5°	358.2	360.4	361.1	361.1	359.2	357.2	352.7	345.0	335.0	322.7	305.9
70°	461.8	463.2	462.6	459.7	456.0	451.1	443.5	432.7	418.8	404.3	383.8
67.5°	583.8	582.2	578.0	572.2	566.1	556.9	544.6	529.0	513.1	494.9	467.2
65°	722.2	717.4	711.9	704.1	692.4	676.8	658.0	638.3	617.4	592.0	557.1
62.5°	878.5	862.9	857.6	850.0	835.2	813.6	790.4	765.4	734.3	697.9	662.8
60°	1060.3	1047.0	1033.8	1016.2	994.5	967.5	938.3	904.4	866.1	825.6	778.6
57.5°	1256.6	1238.9	1225.3	1201.9	1168.3	1136.6	1099.9	1053.3	1007.3	960.5	904.3
55°	1491.7	1467.4	1438.6	1405.9	1370.0	1328.9	1278.8	1224.3	1168.1	1103.5	1043.7
52.5°	1722.2	1700.6	1667.5	1620.6	1578.4	1535.5	1476.6	1412.8	1349.2	1282.3	1198.2
50°	1994.7	1961.8	1916.6	1862.0	1817.8	1759.4	1693.7	1616.3	1550.2	1473.6	1381.0
47.5°	2268.6	2247.2	2194.0	2130.6	2089.6	2021.8	1940.9	1854.3	1781.3	1677.0	1576.1
45°	2615.2	2576.1	2516.4	2462.0	2397.8	2322.4	2219.3	2136.4	2038.9	1925.1	1778.8
42.5°	3021.2	2964.7	2887.3	2841.5	2764.5	2665.3	2550.5	2446.1	2324.4	2191.4	2023.4
40°	3513.3	3420.1	3341.5	3267.8	3180.1	3049.2	2921.9	2783.0	2637.4	2473.8	2255.1
37.5°	4078.6	3979.9	3863.9	3742.0	3628.7	3479.3	3309.0	3145.4	2970.4	2724.2	2474.9
35°	4667.2	4554.6	4411.3	4263.6	4087.4	3878.2	3702.5	3509.6	3270.7	2951.1	2678.3
32.5°	5248.3	5063.3	4908.3	4748.8	4485.0	4226.6	4037.5	3866.2	3460.5	3130.7	2857.0
30°	5668.6	5434.4	5277.2	5058.9	4727.9	4492.6	4312.8	3957.1	3579.5	3256.0	2996.2
27.5°	5760.5	5587.2	5427.6	5100.0	4815.0	4606.9	4325.9	3963.3	3619.9	3315.5	3064.0
25°	5583.9	5425.6	5231.5	4959.1	4721.2	4507.4	4212.4	3883.9	3575.7	3307.4	3025.1
22.5°	5248.7	5103.9	4927.2	4714.7	4512.9	4294.8	4034.8	3750.1	3485.0	3233.8	2960.5
20°	4928.2	4798.1	4634.2	4465.8	4292.3	4085.5	3838.7	3606.0	3390.2	3146.9	2882.9
17.5°	4676.4	4541.8	4413.2	4267.1	4089.4	3878.1	3700.5	3508.8	3295.6	3053.9	2794.4
15°	4466.5	4365.1	4242.5	4088.6	3925.5	3775.0	3606.2	3410.1	3197.7	2953.4	2711.7
12.5°	4338.3	4230.0	4096.0	3975.6	3839.8	3682.3	3508.3	3308.3	3105.2	2900.6	2683.9
10°	4235.8	4133.2	4022.9	3896.1	3752.7	3589.3	3426.5	3252.7	3063.6	2862.7	2648.3
7.5°	4170.1	4064.3	3946.7	3823.1	3685.5	3538.7	3379.1	3206.1	3015.2	2814.7	2604.5
5°	4106.2	4000.9	3888.0	3769.2	3628.6	3482.1	3324.1	3150.6	2958.9	2756.6	2552.0
2.5°	4033.3	3933.6	3824.7	3706.0	3563.1	3416.8	3261.0	3085.4	2896.5	2702.1	2492.2
0°	3951.2	3859.4	3742.1	3622.7	3488.0	3345.2	3189.1	3009.6	2824.9	2641.3	2422.9
-2.5°	3873.2	3775.4	3667.1	3548.6	3419.6	3271.8	3116.6	2943.0	2754.3	2568.7	2355.2
-5°	3777.9	3682.8	3574.1	3450.4	3320.3	3174.4	3020.3	2852.4	2666.9	2483.4	2279.4
-7.5°	3655.1	3563.9	3461.1	3338.0	3205.2	3059.5	2903.6	2735.9	2555.2	2373.6	2175.4
-10°	3507.8	3410.8	3306.3	3191.5	3067.2	2929.4	2775.2	2607.8	2434.0	2253.2	2062.6
-12.5°	3335.0	3242.7	3138.1	3025.9	2903.3	2768.6	2625.8	2466.1	2303.6	2121.9	1941.1
-15°	3151.0	3069.8	2966.8	2849.4	2724.1	2596.4	2460.9	2308.6	2158.5	1980.8	1811.1
-17.5°	2974.8	2885.4	2783.8	2675.4	2549.8	2415.5	2284.5	2144.9	1999.7	1837.8	1682.5
-20°	2777.0	2686.5	2592.4	2488.1	2368.4	2239.2	2105.7	1972.5	1836.2	1695.2	1554.1



REPORT NUMBER: P558722 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-927-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2553.8	2474.6	2385.6	2287.0	2169.8	2048.6	1926.2	1800.4	1671.4	1550.0	1423.4
-25°	2314.5	2242.7	2155.2	2061.9	1958.5	1849.0	1741.7	1630.0	1519.0	1405.2	1292.9
-27.5°	2055.9	1989.2	1913.4	1831.7	1740.2	1651.3	1556.4	1460.1	1370.4	1270.0	1172.0
-30°	1790.7	1738.9	1673.8	1597.0	1533.3	1459.1	1373.1	1304.5	1226.9	1140.9	1061.1
-32.5°	1535.6	1493.8	1440.3	1389.2	1336.0	1276.7	1217.9	1154.3	1086.5	1025.3	959.9
-35°	1305.4	1270.6	1241.5	1203.2	1153.4	1114.0	1068.7	1016.6	964.7	915.5	863.1
-37.5°	1116.0	1085.0	1063.2	1034.8	1000.1	963.4	933.7	897.8	855.3	816.0	773.5
-40°	953.5	927.7	911.8	894.7	871.1	836.8	818.0	791.3	762.1	724.3	690.1
-42.5°	823.3	811.1	793.1	782.3	763.7	740.5	716.3	701.0	677.6	648.1	620.1
-45°	723.8	716.0	700.6	689.8	676.1	657.7	633.1	621.6	603.9	583.5	557.0
-47.5°	644.2	638.5	627.0	612.9	602.3	586.4	569.2	553.0	542.6	525.1	503.4
-50°	578.2	572.7	562.5	548.4	538.8	526.7	513.1	496.9	487.1	472.2	454.1
-52.5°	521.3	514.3	505.2	493.6	484.2	475.8	463.6	448.8	435.9	425.6	412.4
-55°	467.6	461.6	455.6	447.2	437.0	428.8	417.4	404.6	393.9	385.0	373.7
-57.5°	422.3	417.0	410.4	402.5	393.2	385.1	376.6	366.6	355.6	347.4	336.8
-60°	376.4	370.7	365.9	359.9	352.7	345.3	338.3	329.8	319.8	311.6	302.4
-62.5°	333.6	329.0	325.0	320.2	314.4	307.9	301.6	294.5	286.1	277.6	269.9
-65°	293.3	290.0	286.6	282.5	277.6	272.0	266.7	260.7	253.9	246.3	239.1
-67.5°	254.4	251.6	248.6	245.5	242.1	238.2	234.0	228.8	223.1	217.0	211.0
-70°	217.3	214.6	212.3	210.4	208.4	205.8	202.4	198.4	193.8	189.0	183.6
-72.5°	182.6	180.7	179.2	178.2	176.5	174.4	172.0	169.1	165.8	162.0	157.0
-75°	150.5	149.6	148.5	147.8	146.5	144.6	142.6	140.5	137.9	134.6	130.5
-77.5°	121.1	120.4	119.6	118.8	117.6	115.9	113.9	112.3	110.5	108.1	104.9
-80°	93.8	93.4	92.8	92.3	91.4	90.3	88.9	87.3	85.3	82.9	80.6
-82.5°	69.2	68.7	68.1	67.6	66.8	65.8	64.6	63.4	62.0	60.5	58.9
-85°	44.3	44.1	43.8	43.4	42.9	42.4	41.8	41.3	40.6	39.9	38.9
-87.5°	19.6	19.5	19.4	19.9	20.3	20.6	20.9	20.6	20.3	19.9	19.4
-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: P558722 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-927-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°	14.8	14.4	14.0	13.5	13.2	12.8	12.2	11.6	10.6	9.6	8.5
85°	39.6	37.1	34.4	31.4	28.6	25.5	24.5	23.2	21.2	19.2	17.0
82.5°	73.8	70.3	66.5	62.4	57.8	53.0	47.9	42.4	35.7	29.3	25.5
80°	116.5	110.6	104.0	96.8	88.9	80.4	73.4	65.8	56.4	47.2	38.5
77.5°	165.2	155.1	144.1	134.7	125.0	114.5	103.2	90.5	76.8	65.0	53.6
75°	219.4	206.6	193.5	179.2	164.0	148.6	135.2	119.6	101.1	83.0	68.6
72.5°	286.8	267.0	246.6	225.7	207.5	188.7	169.4	148.3	126.5	105.2	84.5
70°	359.0	331.7	306.1	280.9	254.7	228.7	206.3	180.2	151.6	127.0	103.3
67.5°	435.8	406.0	373.5	337.8	306.2	275.5	244.0	212.4	180.3	148.5	121.7
65°	523.0	485.4	444.8	405.6	363.7	322.7	287.5	245.8	208.5	173.4	139.6
62.5°	618.9	569.8	525.6	476.3	427.4	379.1	329.6	282.5	237.0	197.7	159.7
60°	727.6	673.7	611.6	556.5	497.5	438.2	379.4	318.1	268.5	221.3	180.2
57.5°	847.2	783.8	717.4	644.4	575.2	505.1	429.2	358.7	298.7	247.0	200.0
55°	972.2	901.0	826.0	745.7	660.1	579.2	481.6	400.3	329.3	272.4	218.3
52.5°	1112.2	1027.1	940.5	850.0	755.8	651.2	539.6	439.5	363.6	296.8	237.8
50°	1273.4	1167.0	1064.3	960.3	852.8	727.0	593.9	486.3	395.8	321.3	256.4
47.5°	1457.4	1328.1	1200.8	1076.0	957.1	797.4	653.7	531.0	425.8	347.4	273.6
45°	1647.8	1505.5	1351.3	1206.9	1041.9	868.5	712.0	572.2	462.1	370.1	289.6
42.5°	1839.0	1685.0	1519.5	1338.9	1128.9	936.0	765.1	618.5	495.5	391.0	306.2
40°	2051.4	1863.9	1687.3	1461.6	1208.1	997.3	819.9	661.9	525.5	412.1	322.9
37.5°	2253.9	2046.6	1852.4	1555.2	1280.5	1060.1	869.9	700.7	553.0	434.9	338.1
35°	2442.9	2223.7	1935.7	1631.4	1352.4	1113.3	914.1	737.3	582.2	454.9	351.7
32.5°	2615.3	2337.2	1999.5	1690.8	1409.3	1156.7	954.3	769.9	607.2	472.3	363.7
30°	2732.9	2379.6	2043.3	1733.7	1451.8	1198.7	987.0	797.0	628.0	486.9	374.9
27.5°	2739.1	2399.4	2066.7	1760.5	1481.1	1229.6	1011.8	818.5	644.6	500.4	386.5
25°	2717.6	2390.7	2070.1	1770.4	1496.6	1254.8	1030.9	834.6	659.9	513.7	396.0
22.5°	2667.4	2359.9	2054.5	1763.7	1513.5	1272.2	1046.7	848.4	672.2	523.6	403.4
20°	2604.0	2309.9	2028.3	1770.2	1522.1	1283.3	1058.5	857.3	680.2	530.4	408.7
17.5°	2526.3	2270.2	2023.9	1769.0	1522.1	1286.6	1063.8	861.4	684.0	534.1	412.1
15°	2490.6	2254.7	2010.6	1759.6	1513.7	1282.3	1062.9	860.9	683.8	534.8	414.4
12.5°	2461.8	2230.2	1989.1	1742.0	1497.2	1270.7	1055.8	855.8	679.7	534.9	416.1
10°	2425.5	2196.8	1959.3	1716.3	1473.0	1252.2	1043.0	848.0	677.6	534.0	416.3
7.5°	2381.2	2154.6	1921.3	1682.6	1443.9	1231.4	1029.8	839.3	673.3	530.8	414.8
5°	2329.8	2108.1	1880.4	1650.4	1421.7	1209.4	1012.5	826.4	666.1	525.5	411.9
2.5°	2274.2	2060.0	1834.7	1611.3	1393.7	1182.1	990.5	809.7	656.2	518.3	407.6
0°	2209.7	2003.7	1781.2	1565.0	1359.9	1149.8	964.1	789.6	643.7	509.1	402.0
-2.5°	2153.1	1941.8	1723.7	1514.7	1310.6	1111.0	935.4	769.4	629.8	500.1	396.1
-5°	2087.3	1872.0	1659.4	1457.9	1256.2	1068.2	903.1	746.5	613.8	489.5	389.0
-7.5°	1990.5	1786.6	1586.1	1394.2	1197.3	1022.0	867.9	721.4	595.7	477.5	380.9
-10°	1881.5	1690.0	1503.1	1322.2	1140.0	976.4	830.8	694.2	575.9	464.1	371.7
-12.5°	1766.3	1588.2	1415.5	1246.6	1081.1	931.5	795.2	667.6	554.8	449.5	361.7
-15°	1645.6	1482.1	1324.0	1168.5	1020.1	884.3	757.9	640.4	534.0	434.6	350.8
-17.5°	1522.9	1372.5	1229.4	1088.7	957.9	835.2	719.3	611.8	512.0	419.6	340.0
-20°	1410.8	1270.1	1132.9	1007.9	895.2	784.7	679.9	582.1	489.1	403.9	329.0



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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°	1299.0	1175.6	1051.7	932.8	833.7	733.1	639.8	551.5	465.4	387.4	317.2
-25°	1187.7	1081.7	972.5	870.4	774.0	685.2	601.2	520.1	441.1	370.4	304.7
-27.5°	1082.9	990.1	892.9	807.9	721.9	638.0	563.9	490.3	417.5	352.9	291.6
-30°	982.9	902.6	821.5	746.7	670.4	597.0	526.6	460.6	396.0	335.9	277.8
-32.5°	890.5	816.3	753.4	689.9	623.0	556.2	492.0	431.1	374.4	319.1	265.0
-35°	804.6	742.6	687.2	634.9	577.3	519.2	460.3	401.8	352.8	301.7	252.3
-37.5°	722.8	677.2	629.8	583.3	531.8	482.9	430.4	377.6	331.3	283.9	239.4
-40°	655.6	616.7	577.0	534.5	491.5	447.4	400.5	354.7	310.4	265.7	226.3
-42.5°	591.6	561.3	527.2	487.0	454.0	414.6	371.0	331.4	290.2	249.3	213.0
-45°	534.5	508.9	479.8	449.7	418.1	382.1	345.0	308.0	269.9	233.9	200.1
-47.5°	480.8	461.8	438.1	412.9	383.7	350.9	318.7	285.5	249.6	218.5	187.8
-50°	435.6	419.2	400.1	377.3	350.1	322.3	292.9	263.2	232.6	203.4	175.2
-52.5°	396.3	380.6	363.6	342.6	319.4	293.6	269.1	241.3	215.3	188.6	162.3
-55°	359.4	344.0	328.5	310.5	289.7	268.2	245.5	221.9	197.6	174.0	149.5
-57.5°	324.6	309.6	296.3	280.1	262.6	243.8	223.4	202.2	180.8	159.0	138.1
-60°	291.1	278.9	265.7	252.4	237.2	220.1	201.9	182.9	164.0	144.3	126.5
-62.5°	260.3	249.3	238.4	226.3	212.4	197.0	180.5	164.3	147.0	131.1	114.7
-65°	231.4	222.3	211.9	200.5	187.8	174.3	160.4	145.7	131.7	117.7	102.9
-67.5°	203.8	195.4	185.3	174.8	164.7	153.4	140.4	128.6	116.8	104.1	91.3
-70°	176.9	168.7	160.3	152.3	143.2	132.9	122.5	112.2	101.7	91.2	79.6
-72.5°	150.9	144.5	137.8	130.5	122.6	114.1	104.9	96.0	87.6	78.2	67.8
-75°	125.7	120.7	115.5	109.6	102.7	95.3	88.2	80.9	73.5	65.2	57.4
-77.5°	101.4	97.6	93.4	89.2	83.9	78.2	72.2	65.9	59.9	53.8	47.4
-80°	78.5	76.1	73.3	70.0	65.6	61.0	56.7	52.3	47.6	42.6	37.3
-82.5°	57.2	55.5	53.6	51.3	48.4	45.3	42.2	39.0	35.3	31.4	27.5
-85°	37.8	36.5	35.0	33.2	31.4	29.6	27.8	25.8	23.4	20.9	18.4
-87.5°	18.8	18.0	17.2	16.4	15.6	14.8	13.9	12.9	11.7	10.5	9.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	7.4	6.2	5.1	3.8	2.6	1.3	0.0
85°	14.8	12.5	10.1	7.7	5.2	2.5	0.0
82.5°	22.2	18.7	15.1	11.5	7.7	3.8	0.0
80°	30.1	24.9	20.1	15.3	10.3	5.1	0.0
77.5°	42.8	32.4	25.1	19.0	12.8	6.3	0.0
75°	55.3	42.5	30.5	22.7	15.3	7.5	0.0
72.5°	67.6	52.5	38.2	26.4	17.8	8.7	0.0
70°	80.1	62.2	45.8	30.4	20.2	9.9	0.0
67.5°	95.4	71.7	53.2	35.8	22.6	11.1	0.0
65°	110.2	82.3	60.4	41.1	24.9	12.3	0.0
62.5°	124.6	93.9	67.5	46.2	27.2	13.4	0.0
60°	138.4	105.0	74.3	51.3	29.4	14.5	0.0
57.5°	154.1	115.8	82.6	56.1	32.6	15.6	0.0
55°	169.4	126.0	90.5	60.8	35.6	16.6	0.0
52.5°	183.8	136.1	98.2	65.3	38.6	17.6	0.0
50°	197.3	147.1	105.4	69.6	41.5	18.6	0.0
47.5°	210.3	157.5	112.3	74.0	44.2	19.6	0.0
45°	223.8	167.2	118.8	78.8	46.9	20.5	0.0
42.5°	236.2	176.2	124.8	83.4	49.4	21.3	0.0
40°	247.5	184.4	131.0	87.7	51.8	22.2	0.0
37.5°	257.8	191.9	137.1	91.8	54.1	22.9	0.0
35°	266.9	199.4	142.7	95.6	56.2	23.7	0.0
32.5°	275.6	206.4	147.8	99.2	58.2	24.3	0.0
30°	285.0	212.5	152.3	102.5	60.0	25.0	0.0
27.5°	293.1	217.8	156.6	105.5	61.8	25.6	0.0
25°	300.0	222.3	160.3	108.2	63.3	26.1	0.0
22.5°	305.6	226.2	163.6	110.7	64.7	26.6	0.0
20°	309.9	230.0	166.3	112.8	66.0	27.0	0.0
17.5°	313.8	233.2	168.5	114.7	67.1	27.4	0.0
15°	317.0	235.7	170.2	116.2	68.0	27.7	0.0
12.5°	319.0	237.5	171.4	117.5	68.8	28.0	0.0
10°	319.7	238.7	172.1	118.5	69.5	28.3	0.0
7.5°	319.4	239.2	172.3	119.1	69.9	28.4	0.0
5°	318.0	239.0	172.1	119.5	70.3	28.5	0.0
2.5°	315.6	238.2	171.5	119.6	70.4	28.6	0.0
0°	312.2	236.7	170.4	119.4	70.4	28.6	0.0
-2.5°	308.6	234.5	169.6	118.9	70.2	28.6	0.0
-5°	304.2	231.6	168.4	118.0	69.9	28.6	0.0
-7.5°	298.9	228.2	166.7	116.9	69.4	28.5	0.0
-10°	292.9	224.3	164.8	115.6	68.8	28.4	0.0
-12.5°	286.2	219.8	162.4	114.0	68.0	28.2	0.0
-15°	278.8	215.0	159.7	112.1	67.1	28.0	0.0
-17.5°	270.7	209.7	156.6	110.0	66.1	27.7	0.0
-20°	262.4	204.0	153.2	107.7	64.9	27.4	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	254.0	198.0	149.4	105.1	63.5	27.0	0.0
-25°	245.1	192.1	145.3	102.4	62.1	26.5	0.0
-27.5°	235.8	185.8	140.9	99.4	60.5	26.0	0.0
-30°	226.1	179.2	136.1	96.2	58.8	25.4	0.0
-32.5°	215.9	172.2	131.3	92.9	57.0	24.8	0.0
-35°	206.5	164.9	126.1	89.3	55.1	24.1	0.0
-37.5°	197.1	157.5	120.7	85.6	53.1	23.4	0.0
-40°	187.4	150.4	115.1	81.7	51.0	22.6	0.0
-42.5°	177.4	143.0	109.5	77.7	48.8	21.8	0.0
-45°	167.1	135.4	104.0	73.6	46.5	21.0	0.0
-47.5°	156.5	127.6	98.3	69.3	44.2	20.1	0.0
-50°	146.8	119.7	92.4	65.4	41.7	19.1	0.0
-52.5°	137.1	111.5	86.2	61.6	39.2	18.1	0.0
-55°	127.3	103.6	80.0	57.7	36.6	17.1	0.0
-57.5°	117.3	95.6	73.5	53.7	33.9	16.0	0.0
-60°	107.2	87.5	67.0	49.6	31.2	14.9	0.0
-62.5°	97.3	79.1	61.4	45.4	28.8	13.8	0.0
-65°	87.3	70.7	55.8	41.1	26.4	12.7	0.0
-67.5°	77.2	62.8	50.0	36.7	24.0	11.5	0.0
-70°	66.9	55.6	44.1	32.2	21.5	10.3	0.0
-72.5°	58.0	48.3	38.2	28.2	18.9	9.0	0.0
-75°	49.3	40.9	32.2	24.3	16.3	7.8	0.0
-77.5°	40.5	33.5	26.8	20.3	13.6	6.5	0.0
-80°	31.7	26.6	21.5	16.3	10.9	5.2	0.0
-82.5°	23.7	20.0	16.2	12.2	8.2	3.9	0.0
-85°	15.8	13.3	10.8	8.2	5.5	2.6	0.0
-87.5°	7.9	6.7	5.4	4.1	2.8	1.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)