

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: P558766 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-935-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558766 (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-SA3B-935-U-NAT-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR
6x4
Light Source: (48) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

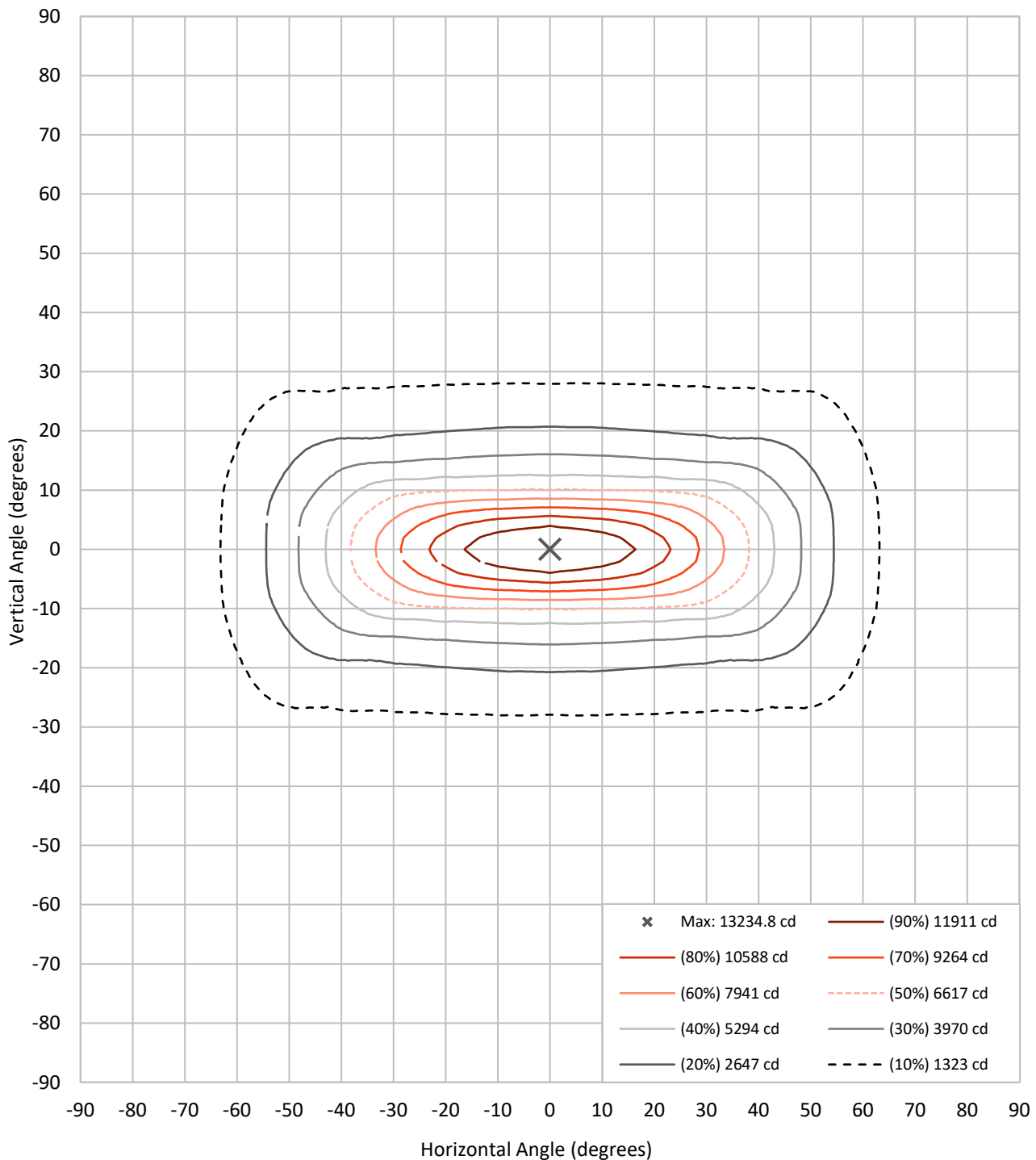
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	9478.5 lumens	Max Intensity:	13234.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	104.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	3792.3 lumens	Field Lumens:	7768.6 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 91
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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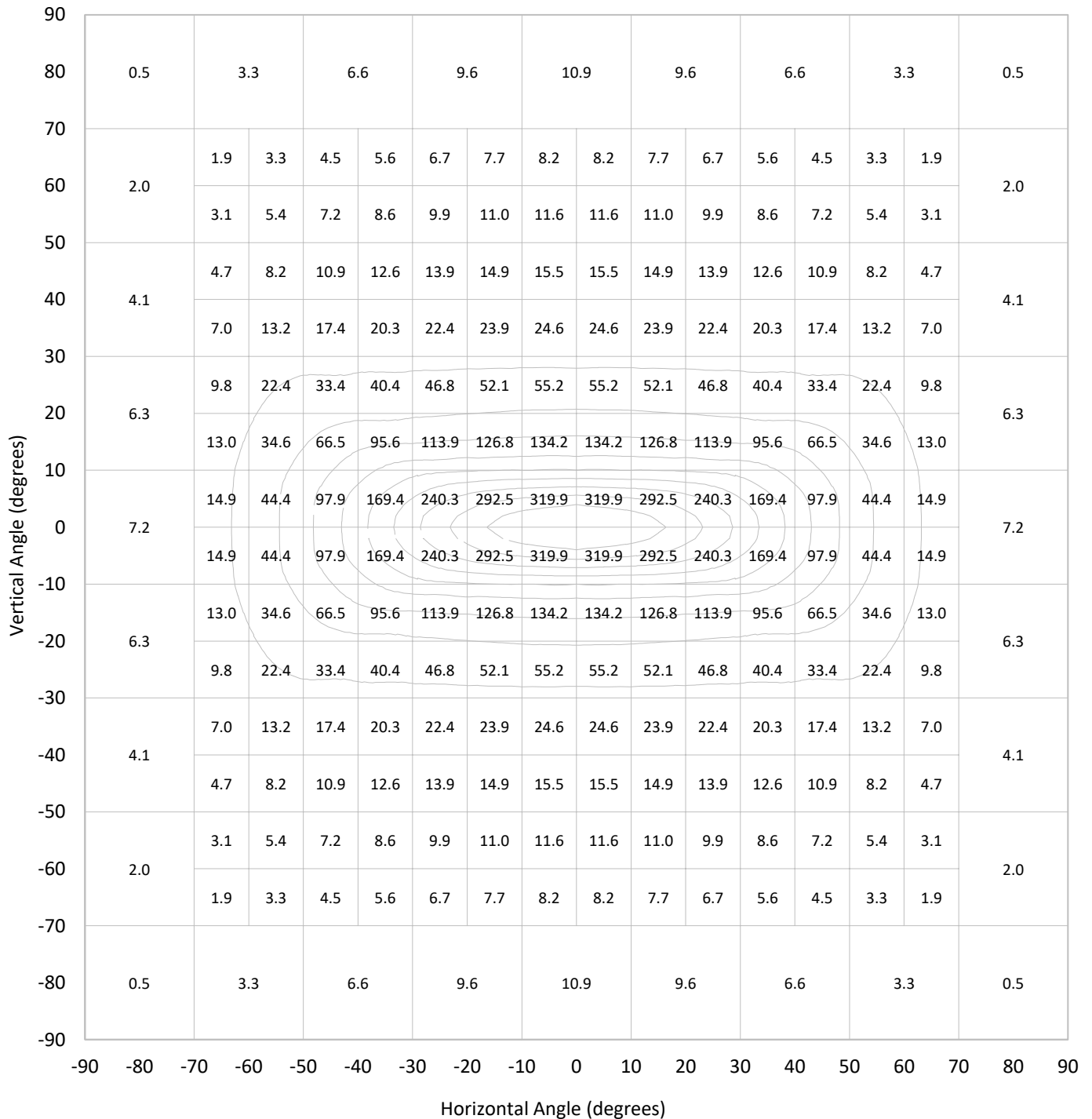
Iso-Candela Plot





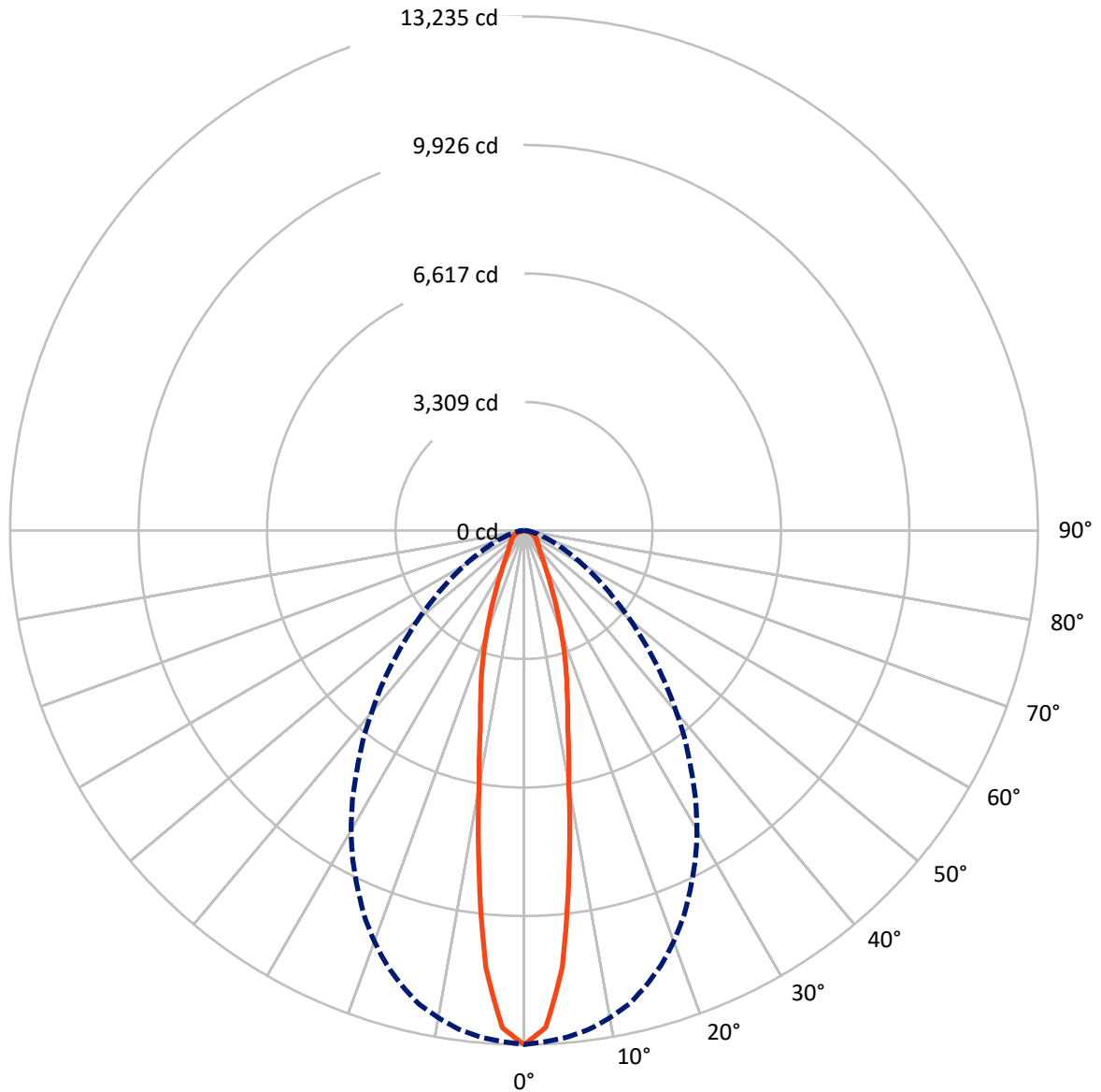
REPORT NUMBER: P558766 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



REPORT NUMBER: P558766 (CONVERTED FROM TYPE C PHOTOMETRY)
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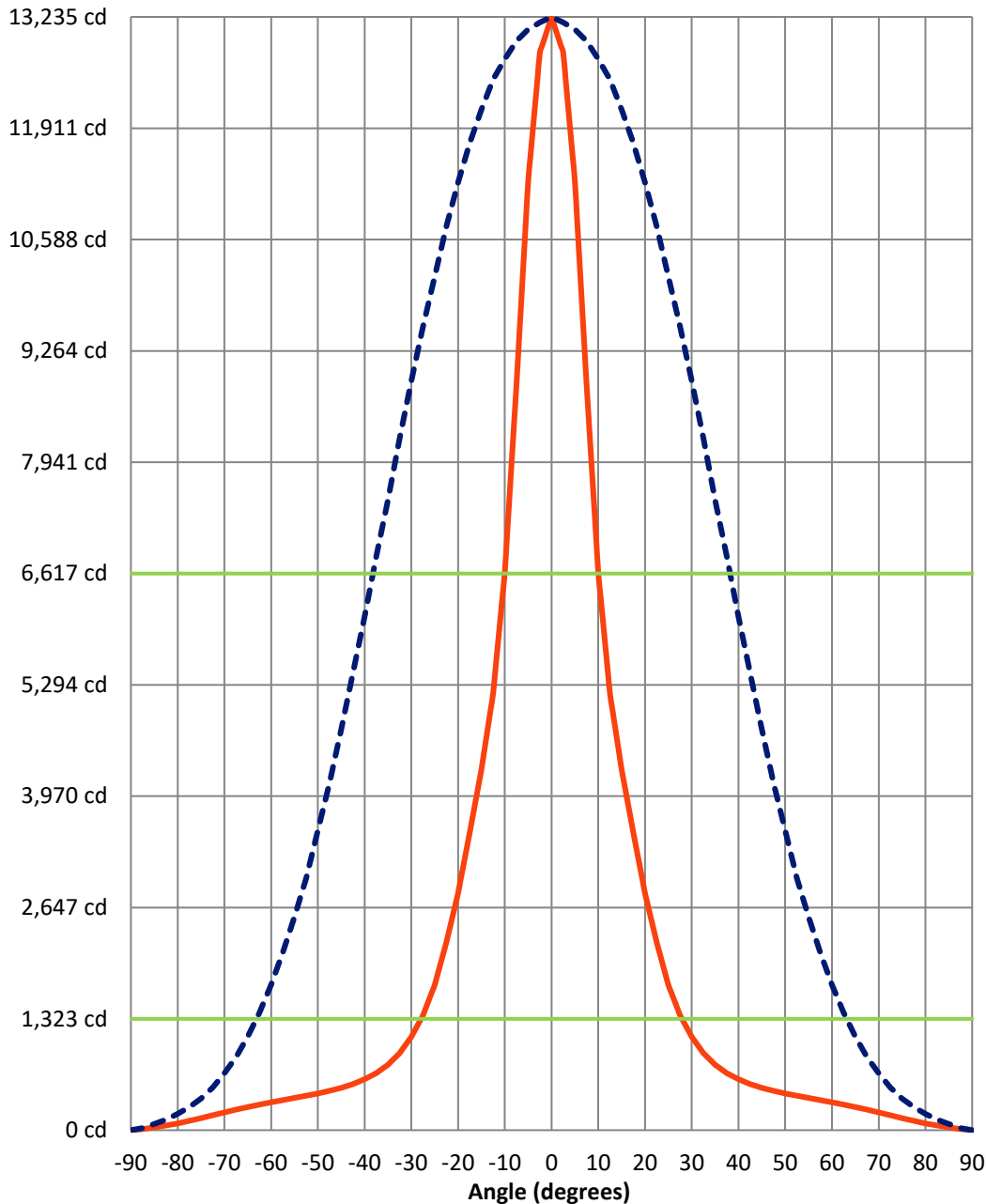
Luminous Intensity Polar Plot



— 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: 3792.3
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 7768.6
 Efficiency: 82.0%

Spill:
 Lumens: 1709.9
 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	1.1	2.2	3.1	4.0	4.7	5.3	6.0	6.7	7.3	7.8
85°	0.0	2.2	4.4	6.3	7.9	9.3	10.6	12.0	13.3	14.5	15.6
82.5°	0.0	3.3	6.6	9.4	11.9	14.0	15.8	18.0	20.4	24.3	27.8
80°	0.0	4.4	8.7	12.5	15.8	18.7	21.7	27.6	33.1	38.0	42.5
77.5°	0.0	5.5	10.9	15.6	19.7	24.8	31.9	39.1	45.8	51.8	57.6
75°	0.0	6.5	13.0	18.7	24.3	33.6	42.1	50.5	58.6	66.7	73.6
72.5°	0.0	7.6	15.1	21.7	31.5	42.4	52.3	62.4	72.9	82.0	89.8
70°	0.0	8.6	17.2	25.3	38.7	51.1	62.6	75.5	87.3	97.5	107.5
67.5°	0.0	9.6	19.3	30.7	45.8	59.7	74.4	88.6	101.7	115.0	125.7
65°	0.0	10.6	21.3	36.2	52.8	69.1	86.2	101.7	118.3	132.7	145.3
62.5°	0.0	11.6	23.2	41.5	59.8	79.2	97.9	116.3	135.0	151.2	167.7
60°	0.0	12.6	25.2	46.7	66.6	89.2	109.5	131.6	151.7	172.1	190.2
57.5°	0.0	13.5	28.6	51.9	74.7	99.1	122.7	146.9	170.5	193.2	214.5
55°	0.0	14.5	32.0	56.9	82.7	108.9	136.0	162.1	189.7	215.0	240.2
52.5°	0.0	15.3	35.2	61.9	90.6	118.7	149.0	179.2	208.9	239.7	266.6
50°	0.0	16.2	38.4	66.7	98.3	129.6	161.9	196.5	229.1	264.9	297.9
47.5°	0.0	17.0	41.5	71.6	105.8	140.2	175.0	214.0	252.3	290.4	330.9
45°	0.0	17.8	44.4	77.2	113.2	150.6	190.1	231.5	275.9	321.5	365.0
42.5°	0.0	18.6	47.3	82.6	120.4	160.7	205.0	250.8	299.6	353.4	404.0
40°	0.0	19.3	50.0	87.6	127.8	170.5	219.8	271.3	324.9	385.9	444.9
37.5°	0.0	20.0	52.6	92.2	135.3	180.0	234.5	291.6	353.6	420.0	487.2
35°	0.0	20.6	55.1	96.6	142.6	190.8	248.9	311.5	382.1	457.7	533.0
32.5°	0.0	21.3	57.5	100.7	149.5	202.1	263.7	331.1	410.5	495.9	583.4
30°	0.0	21.8	59.7	104.5	156.1	213.1	279.5	351.3	438.5	534.5	635.0
27.5°	0.0	22.4	61.8	107.9	161.6	223.7	294.7	374.1	467.8	573.3	687.5
25°	0.0	22.8	63.7	111.1	166.7	233.8	309.4	396.3	499.5	615.4	740.7
22.5°	0.0	23.3	65.4	113.9	171.4	242.8	323.5	417.7	530.6	658.9	799.0
20°	0.0	23.7	67.1	116.5	175.7	249.7	336.8	438.3	560.8	701.9	856.7
17.5°	0.0	24.0	68.5	118.7	179.6	255.8	346.8	457.8	590.0	743.9	913.5
15°	0.0	24.3	69.8	120.6	183.1	261.0	354.3	473.1	618.0	784.5	968.8
12.5°	0.0	24.6	70.9	122.1	186.1	265.3	360.7	483.1	638.1	823.5	1022.2
10°	0.0	24.8	71.8	123.4	188.7	268.9	366.0	491.4	650.9	841.9	1063.9
7.5°	0.0	25.0	72.6	124.3	190.8	271.6	370.2	497.9	661.3	854.0	1082.8
5°	0.0	25.1	73.2	125.0	192.5	273.4	373.2	502.7	669.1	862.3	1097.4
2.5°	0.0	25.2	73.6	125.3	193.6	274.5	375.1	505.7	674.3	867.1	1107.5
0°	0.0	25.2	73.8	125.3	194.2	274.8	375.8	506.9	676.9	868.2	1112.9
-2.5°	0.0	25.2	73.6	125.3	193.6	274.5	375.1	505.7	674.3	867.1	1107.5
-5°	0.0	25.1	73.2	125.0	192.5	273.4	373.2	502.7	669.1	862.3	1097.4
-7.5°	0.0	25.0	72.6	124.3	190.8	271.6	370.2	497.9	661.3	854.0	1082.8
-10°	0.0	24.8	71.8	123.4	188.7	268.9	366.0	491.4	650.9	841.9	1063.9
-12.5°	0.0	24.6	70.9	122.1	186.1	265.3	360.7	483.1	638.1	823.5	1022.2
-15°	0.0	24.3	69.8	120.6	183.1	261.0	354.3	473.1	618.0	784.5	968.8
-17.5°	0.0	24.0	68.5	118.7	179.6	255.8	346.8	457.8	590.0	743.9	913.5
-20°	0.0	23.7	67.1	116.5	175.7	249.7	336.8	438.3	560.8	701.9	856.7



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 CATALOG NUMBER: GFLD-SA3B-935-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	23.3	65.4	113.9	171.4	242.8	323.5	417.7	530.6	658.9	799.0
-25°	0.0	22.8	63.7	111.1	166.7	233.8	309.4	396.3	499.5	615.4	740.7
-27.5°	0.0	22.4	61.8	107.9	161.6	223.7	294.7	374.1	467.8	573.3	687.5
-30°	0.0	21.8	59.7	104.5	156.1	213.1	279.5	351.3	438.5	534.5	635.0
-32.5°	0.0	21.3	57.5	100.7	149.5	202.1	263.7	331.1	410.5	495.9	583.4
-35°	0.0	20.6	55.1	96.6	142.6	190.8	248.9	311.5	382.1	457.7	533.0
-37.5°	0.0	20.0	52.6	92.2	135.3	180.0	234.5	291.6	353.6	420.0	487.2
-40°	0.0	19.3	50.0	87.6	127.8	170.5	219.8	271.3	324.9	385.9	444.9
-42.5°	0.0	18.6	47.3	82.6	120.4	160.7	205.0	250.8	299.6	353.4	404.0
-45°	0.0	17.8	44.4	77.2	113.2	150.6	190.1	231.5	275.9	321.5	365.0
-47.5°	0.0	17.0	41.5	71.6	105.8	140.2	175.0	214.0	252.3	290.4	330.9
-50°	0.0	16.2	38.4	66.7	98.3	129.6	161.9	196.5	229.1	264.9	297.9
-52.5°	0.0	15.3	35.2	61.9	90.6	118.7	149.0	179.2	208.9	239.7	266.6
-55°	0.0	14.5	32.0	56.9	82.7	108.9	136.0	162.1	189.7	215.0	240.2
-57.5°	0.0	13.5	28.6	51.9	74.7	99.1	122.7	146.9	170.5	193.2	214.5
-60°	0.0	12.6	25.2	46.7	66.6	89.2	109.5	131.6	151.7	172.1	190.2
-62.5°	0.0	11.6	23.2	41.5	59.8	79.2	97.9	116.3	135.0	151.2	167.7
-65°	0.0	10.6	21.3	36.2	52.8	69.1	86.2	101.7	118.3	132.7	145.3
-67.5°	0.0	9.6	19.3	30.7	45.8	59.7	74.4	88.6	101.7	115.0	125.7
-70°	0.0	8.6	17.2	25.3	38.7	51.1	62.6	75.5	87.3	97.5	107.5
-72.5°	0.0	7.6	15.1	21.7	31.5	42.4	52.3	62.4	72.9	82.0	89.8
-75°	0.0	6.5	13.0	18.7	24.3	33.6	42.1	50.5	58.6	66.7	73.6
-77.5°	0.0	5.5	10.9	15.6	19.7	24.8	31.9	39.1	45.8	51.8	57.6
-80°	0.0	4.4	8.7	12.5	15.8	18.7	21.7	27.6	33.1	38.0	42.5
-82.5°	0.0	3.3	6.6	9.4	11.9	14.0	15.8	18.0	20.4	24.3	27.8
-85°	0.0	2.2	4.4	6.3	7.9	9.3	10.6	12.0	13.3	14.5	15.6
-87.5°	0.0	1.1	2.2	3.1	4.0	4.7	5.3	6.0	6.7	7.3	7.8
-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: P558766 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	8.4	9.0	9.5	10.0	10.5	10.9	11.3	11.7	12.2	12.6	13.1
85°	16.8	18.0	19.9	21.5	22.9	24.2	25.3	26.2	27.1	27.9	28.5
82.5°	30.9	33.5	35.6	37.2	38.9	40.5	41.8	42.9	44.2	45.3	46.2
80°	46.2	49.1	52.2	54.8	57.4	59.4	60.6	61.1	62.6	64.6	66.6
77.5°	62.6	67.1	71.1	74.5	77.2	79.6	81.4	82.4	84.8	87.7	90.1
75°	79.7	85.1	90.6	95.4	99.1	101.9	103.9	105.6	108.5	112.2	115.4
72.5°	97.4	104.8	111.2	116.8	121.8	125.7	128.6	130.4	133.4	137.7	141.3
70°	116.1	124.5	133.2	140.4	145.8	150.4	154.1	156.7	159.4	163.8	167.1
67.5°	135.4	147.4	157.1	164.7	170.7	176.3	180.6	183.4	184.6	189.0	192.7
65°	158.2	171.0	181.8	190.3	196.3	203.3	208.1	210.4	211.2	216.1	220.6
62.5°	181.5	195.6	207.4	217.2	225.0	231.6	237.0	240.0	240.5	244.1	249.3
60°	206.2	220.7	234.8	246.6	254.9	261.7	267.5	270.7	271.3	272.8	278.8
57.5°	232.1	247.7	264.1	277.4	287.1	292.7	299.1	302.6	304.0	303.2	309.3
55°	260.2	276.4	295.0	310.4	320.8	325.9	331.8	336.9	338.7	337.5	341.1
52.5°	292.0	308.2	328.0	344.9	356.6	362.7	366.9	373.0	375.7	374.4	373.7
50°	325.5	345.9	362.2	381.5	395.6	403.6	403.8	411.3	414.9	413.8	408.8
47.5°	363.4	386.4	398.7	420.9	439.1	448.6	449.2	452.2	456.7	457.9	453.6
45°	404.3	432.4	445.6	465.4	485.9	497.4	500.9	495.5	503.6	506.1	503.4
42.5°	447.4	483.2	504.2	512.2	536.0	552.1	558.3	554.5	554.1	559.7	559.6
40°	497.2	538.3	569.8	578.2	590.2	612.4	625.5	624.8	610.1	620.6	623.3
37.5°	550.4	603.9	642.8	660.1	651.0	680.6	699.8	707.6	698.4	688.1	699.9
35°	606.4	674.0	726.5	756.0	757.3	756.7	786.7	802.9	804.0	785.1	789.4
32.5°	669.1	748.4	817.9	865.7	887.4	874.0	881.8	915.8	932.3	925.1	898.0
30°	736.4	833.7	919.0	986.4	1034.9	1049.2	1016.8	1043.3	1080.1	1094.8	1083.0
27.5°	804.5	924.2	1032.3	1125.8	1201.0	1248.6	1249.7	1208.9	1250.6	1286.0	1299.7
25°	873.6	1014.7	1152.6	1279.3	1393.0	1474.8	1512.5	1516.9	1458.5	1511.5	1561.0
22.5°	947.3	1107.9	1271.5	1442.7	1601.1	1721.3	1812.7	1867.7	1865.9	1810.2	1853.7
20°	1025.3	1209.4	1399.8	1602.9	1819.0	1984.2	2137.3	2254.3	2324.7	2348.2	2302.6
17.5°	1103.1	1311.7	1534.6	1776.4	2026.4	2255.5	2484.9	2671.6	2819.6	2941.1	2984.6
15°	1180.0	1413.8	1669.8	1951.1	2240.0	2526.7	2821.6	3107.6	3359.5	3581.8	3713.6
12.5°	1255.1	1514.5	1804.0	2125.0	2456.6	2801.7	3153.6	3502.0	3864.8	4224.9	4498.6
10°	1327.5	1612.5	1935.4	2295.8	2673.0	3076.5	3484.9	3898.5	4339.2	4763.9	5172.7
7.5°	1358.5	1676.6	2048.6	2461.3	2885.7	3347.2	3811.3	4291.4	4806.4	5301.9	5801.1
5°	1377.6	1702.0	2080.4	2510.4	2982.5	3523.8	4077.6	4672.3	5259.9	5830.5	6418.8
2.5°	1390.3	1719.4	2101.7	2529.8	2996.9	3552.8	4113.5	4731.0	5390.4	6050.0	6750.4
0°	1396.5	1728.6	2112.3	2535.7	2995.0	3562.2	4127.4	4764.5	5432.6	6103.7	6820.4
-2.5°	1390.3	1719.4	2101.7	2529.8	2996.9	3552.8	4113.5	4731.0	5390.4	6050.0	6750.4
-5°	1377.6	1702.0	2080.4	2510.4	2982.5	3523.8	4077.6	4672.3	5259.9	5830.5	6418.8
-7.5°	1358.5	1676.6	2048.6	2461.3	2885.7	3347.2	3811.3	4291.4	4806.4	5301.9	5801.1
-10°	1327.5	1612.5	1935.4	2295.8	2673.0	3076.5	3484.9	3898.5	4339.2	4763.9	5172.7
-12.5°	1255.1	1514.5	1804.0	2125.0	2456.6	2801.7	3153.6	3502.0	3864.8	4224.9	4498.6
-15°	1180.0	1413.8	1669.8	1951.1	2240.0	2526.7	2821.6	3107.6	3359.5	3581.8	3713.6
-17.5°	1103.1	1311.7	1534.6	1776.4	2026.4	2255.5	2484.9	2671.6	2819.6	2941.1	2984.6
-20°	1025.3	1209.4	1399.8	1602.9	1819.0	1984.2	2137.3	2254.3	2324.7	2348.2	2302.6



REPORT NUMBER: P558766 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-935-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°	947.3	1107.9	1271.5	1442.7	1601.1	1721.3	1812.7	1867.7	1865.9	1810.2	1853.7
-25°	873.6	1014.7	1152.6	1279.3	1393.0	1474.8	1512.5	1516.9	1458.5	1511.5	1561.0
-27.5°	804.5	924.2	1032.3	1125.8	1201.0	1248.6	1249.7	1208.9	1250.6	1286.0	1299.7
-30°	736.4	833.7	919.0	986.4	1034.9	1049.2	1016.8	1043.3	1080.1	1094.8	1083.0
-32.5°	669.1	748.4	817.9	865.7	887.4	874.0	881.8	915.8	932.3	925.1	898.0
-35°	606.4	674.0	726.5	756.0	757.3	756.7	786.7	802.9	804.0	785.1	789.4
-37.5°	550.4	603.9	642.8	660.1	651.0	680.6	699.8	707.6	698.4	688.1	699.9
-40°	497.2	538.3	569.8	578.2	590.2	612.4	625.5	624.8	610.1	620.6	623.3
-42.5°	447.4	483.2	504.2	512.2	536.0	552.1	558.3	554.5	554.1	559.7	559.6
-45°	404.3	432.4	445.6	465.4	485.9	497.4	500.9	495.5	503.6	506.1	503.4
-47.5°	363.4	386.4	398.7	420.9	439.1	448.6	449.2	452.2	456.7	457.9	453.6
-50°	325.5	345.9	362.2	381.5	395.6	403.6	403.8	411.3	414.9	413.8	408.8
-52.5°	292.0	308.2	328.0	344.9	356.6	362.7	366.9	373.0	375.7	374.4	373.7
-55°	260.2	276.4	295.0	310.4	320.8	325.9	331.8	336.9	338.7	337.5	341.1
-57.5°	232.1	247.7	264.1	277.4	287.1	292.7	299.1	302.6	304.0	303.2	309.3
-60°	206.2	220.7	234.8	246.6	254.9	261.7	267.5	270.7	271.3	272.8	278.8
-62.5°	181.5	195.6	207.4	217.2	225.0	231.6	237.0	240.0	240.5	244.1	249.3
-65°	158.2	171.0	181.8	190.3	196.3	203.3	208.1	210.4	211.2	216.1	220.6
-67.5°	135.4	147.4	157.1	164.7	170.7	176.3	180.6	183.4	184.6	189.0	192.7
-70°	116.1	124.5	133.2	140.4	145.8	150.4	154.1	156.7	159.4	163.8	167.1
-72.5°	97.4	104.8	111.2	116.8	121.8	125.7	128.6	130.4	133.4	137.7	141.3
-75°	79.7	85.1	90.6	95.4	99.1	101.9	103.9	105.6	108.5	112.2	115.4
-77.5°	62.6	67.1	71.1	74.5	77.2	79.6	81.4	82.4	84.8	87.7	90.1
-80°	46.2	49.1	52.2	54.8	57.4	59.4	60.6	61.1	62.6	64.6	66.6
-82.5°	30.9	33.5	35.6	37.2	38.9	40.5	41.8	42.9	44.2	45.3	46.2
-85°	16.8	18.0	19.9	21.5	22.9	24.2	25.3	26.2	27.1	27.9	28.5
-87.5°	8.4	9.0	9.5	10.0	10.5	10.9	11.3	11.7	12.2	12.6	13.1
-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: P558766 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-935-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°	13.5	13.3	13.0	12.7	12.3	12.3	12.3	12.3	12.2	12.1	12.0
85°	28.9	29.4	30.0	30.5	31.0	31.5	31.9	32.3	32.5	32.5	32.4
82.5°	47.1	48.6	50.2	51.7	53.1	53.8	54.4	54.7	54.9	55.4	55.7
80°	68.3	70.6	72.8	74.6	76.0	77.1	77.9	78.6	79.1	79.7	80.1
77.5°	92.4	95.0	97.5	99.7	101.5	103.3	104.7	105.9	106.8	108.1	109.4
75°	118.1	121.0	124.0	126.8	129.2	131.7	134.3	136.6	138.7	140.4	141.7
72.5°	144.0	147.0	150.8	154.3	157.5	161.0	164.4	167.3	169.9	172.3	174.5
70°	169.6	172.5	177.3	181.9	186.3	190.4	194.5	198.1	201.4	204.5	207.3
67.5°	196.0	199.0	205.0	210.4	215.2	219.7	224.5	228.8	232.4	235.8	238.7
65°	224.2	226.8	233.3	239.2	244.3	248.6	253.7	258.4	262.5	266.2	269.2
62.5°	253.3	256.0	261.4	267.2	272.1	276.2	282.2	287.4	291.8	295.5	298.6
60°	283.0	285.2	289.4	295.8	301.2	305.7	311.0	316.1	320.4	324.0	327.3
57.5°	313.7	316.0	318.0	324.4	329.6	333.7	338.3	343.3	347.5	350.9	354.3
55°	345.4	347.2	346.6	352.5	357.4	360.8	364.2	369.5	373.6	376.7	379.7
52.5°	377.9	380.0	378.6	381.1	386.4	389.4	390.9	396.6	400.8	403.6	406.4
50°	414.1	415.8	414.5	413.0	418.2	421.3	422.2	426.8	430.6	432.7	434.7
47.5°	453.3	455.4	454.3	448.6	453.2	457.2	457.3	459.2	463.2	464.8	466.0
45°	495.9	499.9	499.1	495.1	494.4	498.4	498.1	496.5	501.1	503.2	503.8
42.5°	551.8	550.5	551.7	549.5	542.4	547.0	547.5	541.7	547.5	550.1	548.6
40°	620.3	607.8	614.7	613.7	607.1	606.1	609.6	604.9	605.8	609.4	606.6
37.5°	701.7	692.8	689.1	692.2	690.2	681.8	688.5	686.9	681.6	687.5	684.9
35°	802.0	799.3	779.2	791.4	794.0	786.0	788.3	791.8	780.2	789.3	788.4
32.5°	919.3	925.2	920.8	913.3	924.8	926.2	913.0	928.9	922.5	924.7	931.0
30°	1052.0	1082.5	1097.3	1084.1	1091.2	1105.4	1098.9	1110.0	1115.2	1106.9	1122.6
27.5°	1284.0	1273.1	1308.7	1324.1	1307.6	1333.5	1352.3	1344.0	1371.4	1355.2	1378.4
25°	1578.8	1562.9	1572.4	1623.5	1634.8	1621.7	1674.7	1680.9	1702.7	1705.3	1721.5
22.5°	1925.1	1963.5	1959.0	1974.6	2038.7	2060.2	2079.8	2130.7	2119.1	2165.2	2173.2
20°	2312.4	2408.8	2475.1	2489.1	2516.5	2590.3	2624.1	2664.3	2691.3	2735.0	2771.9
17.5°	2967.5	2918.1	3048.3	3130.1	3173.1	3188.5	3277.3	3306.3	3373.1	3411.2	3449.1
15°	3808.6	3837.4	3778.6	3856.6	3988.3	4032.8	3981.7	4101.0	4134.6	4198.8	4210.2
12.5°	4707.7	4853.2	4924.5	4943.9	4875.1	5062.4	5137.5	5043.3	5150.2	5130.8	5218.8
10°	5565.5	5919.1	6130.8	6279.6	6370.2	6424.7	6478.9	6576.3	6577.9	6650.1	6608.0
7.5°	6269.8	6718.1	7146.4	7561.9	7894.2	8080.6	8226.9	8367.1	8554.4	8644.0	8702.3
5°	6958.8	7476.1	7988.5	8492.2	8948.3	9387.1	9817.1	10190.2	10387.9	10618.9	10824.8
2.5°	7404.5	8058.8	8713.2	9361.5	9888.5	10372.1	10819.6	11235.3	11600.0	11937.4	12222.3
0°	7491.5	8223.7	8906.4	9553.2	10146.6	10743.8	11265.3	11735.4	12132.6	12490.9	12732.7
-2.5°	7404.5	8058.8	8713.2	9361.5	9888.5	10372.1	10819.6	11235.3	11600.0	11937.4	12222.3
-5°	6958.8	7476.1	7988.5	8492.2	8948.3	9387.1	9817.1	10190.2	10387.9	10618.9	10824.8
-7.5°	6269.8	6718.1	7146.4	7561.9	7894.2	8080.6	8226.9	8367.1	8554.4	8644.0	8702.3
-10°	5565.5	5919.1	6130.8	6279.6	6370.2	6424.7	6478.9	6576.3	6577.9	6650.1	6608.0
-12.5°	4707.7	4853.2	4924.5	4943.9	4875.1	5062.4	5137.5	5043.3	5150.2	5130.8	5218.8
-15°	3808.6	3837.4	3778.6	3856.6	3988.3	4032.8	3981.7	4101.0	4134.6	4198.8	4210.2
-17.5°	2967.5	2918.1	3048.3	3130.1	3173.1	3188.5	3277.3	3306.3	3373.1	3411.2	3449.1
-20°	2312.4	2408.8	2475.1	2489.1	2516.5	2590.3	2624.1	2664.3	2691.3	2735.0	2771.9



REPORT NUMBER: P558766 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1925.1	1963.5	1959.0	1974.6	2038.7	2060.2	2079.8	2130.7	2119.1	2165.2	2173.2
-25°	1578.8	1562.9	1572.4	1623.5	1634.8	1621.7	1674.7	1680.9	1702.7	1705.3	1721.5
-27.5°	1284.0	1273.1	1308.7	1324.1	1307.6	1333.5	1352.3	1344.0	1371.4	1355.2	1378.4
-30°	1052.0	1082.5	1097.3	1084.1	1091.2	1105.4	1098.9	1110.0	1115.2	1106.9	1122.6
-32.5°	919.3	925.2	920.8	913.3	924.8	926.2	913.0	928.9	922.5	924.7	931.0
-35°	802.0	799.3	779.2	791.4	794.0	786.0	788.3	791.8	780.2	789.3	788.4
-37.5°	701.7	692.8	689.1	692.2	690.2	681.8	688.5	686.9	681.6	687.5	684.9
-40°	620.3	607.8	614.7	613.7	607.1	606.1	609.6	604.9	605.8	609.4	606.6
-42.5°	551.8	550.5	551.7	549.5	542.4	547.0	547.5	541.7	547.5	550.1	548.6
-45°	495.9	499.9	499.1	495.1	494.4	498.4	498.1	496.5	501.1	503.2	503.8
-47.5°	453.3	455.4	454.3	448.6	453.2	457.2	457.3	459.2	463.2	464.8	466.0
-50°	414.1	415.8	414.5	413.0	418.2	421.3	422.2	426.8	430.6	432.7	434.7
-52.5°	377.9	380.0	378.6	381.1	386.4	389.4	390.9	396.6	400.8	403.6	406.4
-55°	345.4	347.2	346.6	352.5	357.4	360.8	364.2	369.5	373.6	376.7	379.7
-57.5°	313.7	316.0	318.0	324.4	329.6	333.7	338.3	343.3	347.5	350.9	354.3
-60°	283.0	285.2	289.4	295.8	301.2	305.7	311.0	316.1	320.4	324.0	327.3
-62.5°	253.3	256.0	261.4	267.2	272.1	276.2	282.2	287.4	291.8	295.5	298.6
-65°	224.2	226.8	233.3	239.2	244.3	248.6	253.7	258.4	262.5	266.2	269.2
-67.5°	196.0	199.0	205.0	210.4	215.2	219.7	224.5	228.8	232.4	235.8	238.7
-70°	169.6	172.5	177.3	181.9	186.3	190.4	194.5	198.1	201.4	204.5	207.3
-72.5°	144.0	147.0	150.8	154.3	157.5	161.0	164.4	167.3	169.9	172.3	174.5
-75°	118.1	121.0	124.0	126.8	129.2	131.7	134.3	136.6	138.7	140.4	141.7
-77.5°	92.4	95.0	97.5	99.7	101.5	103.3	104.7	105.9	106.8	108.1	109.4
-80°	68.3	70.6	72.8	74.6	76.0	77.1	77.9	78.6	79.1	79.7	80.1
-82.5°	47.1	48.6	50.2	51.7	53.1	53.8	54.4	54.7	54.9	55.4	55.7
-85°	28.9	29.4	30.0	30.5	31.0	31.5	31.9	32.3	32.5	32.5	32.4
-87.5°	13.5	13.3	13.0	12.7	12.3	12.3	12.3	12.3	12.2	12.1	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



REPORT NUMBER: P558766 (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°	11.8	11.7	12.1	12.6	12.1	11.7	11.8	12.0	12.1	12.2	12.3
85°	32.2	31.8	32.5	33.0	32.5	31.8	32.2	32.4	32.5	32.5	32.3
82.5°	55.9	56.0	56.2	56.3	56.2	56.0	55.9	55.7	55.4	54.9	54.7
80°	80.2	80.2	80.0	79.6	80.0	80.2	80.2	80.1	79.7	79.1	78.6
77.5°	110.4	111.1	111.5	111.7	111.5	111.1	110.4	109.4	108.1	106.8	105.9
75°	142.5	143.0	143.1	142.8	143.1	143.0	142.5	141.7	140.4	138.7	136.6
72.5°	176.3	177.7	178.0	177.7	178.0	177.7	176.3	174.5	172.3	169.9	167.3
70°	209.7	211.6	211.5	210.7	211.5	211.6	209.7	207.3	204.5	201.4	198.1
67.5°	240.9	242.6	243.9	244.7	243.9	242.6	240.9	238.7	235.8	232.4	228.8
65°	271.7	273.5	274.5	274.8	274.5	273.5	271.7	269.2	266.2	262.5	258.4
62.5°	301.0	302.7	303.7	304.0	303.7	302.7	301.0	298.6	295.5	291.8	287.4
60°	329.8	331.6	331.9	331.2	331.9	331.6	329.8	327.3	324.0	320.4	316.1
57.5°	356.9	358.8	358.7	357.4	358.7	358.8	356.9	354.3	350.9	347.5	343.3
55°	381.9	383.3	383.8	383.6	383.8	383.3	381.9	379.7	376.7	373.6	369.5
52.5°	408.5	409.5	410.0	409.8	410.0	409.5	408.5	406.4	403.6	400.8	396.6
50°	436.1	436.2	436.2	436.0	436.2	436.2	436.1	434.7	432.7	430.6	426.8
47.5°	467.7	468.1	468.1	468.1	468.1	468.1	467.7	466.0	464.8	463.2	459.2
45°	505.1	504.0	503.0	503.1	503.0	504.0	505.1	503.8	503.2	501.1	496.5
42.5°	550.0	548.8	547.4	547.7	547.4	548.8	550.0	548.6	550.1	547.5	541.7
40°	609.0	608.7	606.7	606.0	606.7	608.7	609.0	606.6	609.4	605.8	604.9
37.5°	685.3	684.2	679.8	677.9	679.8	684.2	685.3	684.9	687.5	681.6	686.9
35°	785.7	784.1	777.4	777.9	777.4	784.1	785.7	788.4	789.3	780.2	791.8
32.5°	927.9	928.4	918.2	915.8	918.2	928.4	927.9	931.0	924.7	922.5	928.9
30°	1112.8	1116.9	1104.9	1110.0	1104.9	1116.9	1112.8	1122.6	1106.9	1115.2	1110.0
27.5°	1378.0	1385.7	1375.0	1366.4	1375.0	1385.7	1378.0	1378.4	1355.2	1371.4	1344.0
25°	1742.8	1748.6	1736.4	1725.7	1736.4	1748.6	1742.8	1721.5	1705.3	1702.7	1680.9
22.5°	2217.8	2217.4	2216.8	2233.6	2216.8	2217.4	2217.8	2173.2	2165.2	2119.1	2130.7
20°	2795.8	2781.7	2802.8	2816.3	2802.8	2781.7	2795.8	2771.9	2735.0	2691.3	2664.3
17.5°	3457.9	3484.1	3504.3	3537.9	3504.3	3484.1	3457.9	3449.1	3411.2	3373.1	3306.3
15°	4238.7	4278.3	4298.4	4287.6	4298.4	4278.3	4238.7	4210.2	4198.8	4134.6	4101.0
12.5°	5221.9	5269.2	5234.3	5190.8	5234.3	5269.2	5221.9	5218.8	5130.8	5150.2	5043.3
10°	6608.6	6710.4	6716.1	6631.0	6716.1	6710.4	6608.6	6608.0	6650.1	6577.9	6576.3
7.5°	8736.2	8785.7	8860.8	8864.7	8860.8	8785.7	8736.2	8702.3	8644.0	8554.4	8367.1
5°	10918.2	11049.9	11134.9	11281.9	11134.9	11049.9	10918.2	10824.8	10618.9	10387.9	10190.2
2.5°	12406.3	12576.6	12642.0	12808.5	12642.0	12576.6	12406.3	12222.3	11937.4	11600.0	11235.3
0°	12948.3	13086.2	13168.8	13234.8	13168.8	13086.2	12948.3	12732.7	12490.9	12132.6	11735.4
-2.5°	12406.3	12576.6	12642.0	12808.5	12642.0	12576.6	12406.3	12222.3	11937.4	11600.0	11235.3
-5°	10918.2	11049.9	11134.9	11281.9	11134.9	11049.9	10918.2	10824.8	10618.9	10387.9	10190.2
-7.5°	8736.2	8785.7	8860.8	8864.7	8860.8	8785.7	8736.2	8702.3	8644.0	8554.4	8367.1
-10°	6608.6	6710.4	6716.1	6631.0	6716.1	6710.4	6608.6	6608.0	6650.1	6577.9	6576.3
-12.5°	5221.9	5269.2	5234.3	5190.8	5234.3	5269.2	5221.9	5218.8	5130.8	5150.2	5043.3
-15°	4238.7	4278.3	4298.4	4287.6	4298.4	4278.3	4238.7	4210.2	4198.8	4134.6	4101.0
-17.5°	3457.9	3484.1	3504.3	3537.9	3504.3	3484.1	3457.9	3449.1	3411.2	3373.1	3306.3
-20°	2795.8	2781.7	2802.8	2816.3	2802.8	2781.7	2795.8	2771.9	2735.0	2691.3	2664.3



REPORT NUMBER: P558766 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-935-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°	2217.8	2217.4	2216.8	2233.6	2216.8	2217.4	2217.8	2173.2	2165.2	2119.1	2130.7
-25°	1742.8	1748.6	1736.4	1725.7	1736.4	1748.6	1742.8	1721.5	1705.3	1702.7	1680.9
-27.5°	1378.0	1385.7	1375.0	1366.4	1375.0	1385.7	1378.0	1378.4	1355.2	1371.4	1344.0
-30°	1112.8	1116.9	1104.9	1110.0	1104.9	1116.9	1112.8	1122.6	1106.9	1115.2	1110.0
-32.5°	927.9	928.4	918.2	915.8	918.2	928.4	927.9	931.0	924.7	922.5	928.9
-35°	785.7	784.1	777.4	777.9	777.4	784.1	785.7	788.4	789.3	780.2	791.8
-37.5°	685.3	684.2	679.8	677.9	679.8	684.2	685.3	684.9	687.5	681.6	686.9
-40°	609.0	608.7	606.7	606.0	606.7	608.7	609.0	606.6	609.4	605.8	604.9
-42.5°	550.0	548.8	547.4	547.7	547.4	548.8	550.0	548.6	550.1	547.5	541.7
-45°	505.1	504.0	503.0	503.1	503.0	504.0	505.1	503.8	503.2	501.1	496.5
-47.5°	467.7	468.1	468.1	468.1	468.1	468.1	467.7	466.0	464.8	463.2	459.2
-50°	436.1	436.2	436.2	436.0	436.2	436.2	436.1	434.7	432.7	430.6	426.8
-52.5°	408.5	409.5	410.0	409.8	410.0	409.5	408.5	406.4	403.6	400.8	396.6
-55°	381.9	383.3	383.8	383.6	383.8	383.3	381.9	379.7	376.7	373.6	369.5
-57.5°	356.9	358.8	358.7	357.4	358.7	358.8	356.9	354.3	350.9	347.5	343.3
-60°	329.8	331.6	331.9	331.2	331.9	331.6	329.8	327.3	324.0	320.4	316.1
-62.5°	301.0	302.7	303.7	304.0	303.7	302.7	301.0	298.6	295.5	291.8	287.4
-65°	271.7	273.5	274.5	274.8	274.5	273.5	271.7	269.2	266.2	262.5	258.4
-67.5°	240.9	242.6	243.9	244.7	243.9	242.6	240.9	238.7	235.8	232.4	228.8
-70°	209.7	211.6	211.5	210.7	211.5	211.6	209.7	207.3	204.5	201.4	198.1
-72.5°	176.3	177.7	178.0	177.7	178.0	177.7	176.3	174.5	172.3	169.9	167.3
-75°	142.5	143.0	143.1	142.8	143.1	143.0	142.5	141.7	140.4	138.7	136.6
-77.5°	110.4	111.1	111.5	111.7	111.5	111.1	110.4	109.4	108.1	106.8	105.9
-80°	80.2	80.2	80.0	79.6	80.0	80.2	80.2	80.1	79.7	79.1	78.6
-82.5°	55.9	56.0	56.2	56.3	56.2	56.0	55.9	55.7	55.4	54.9	54.7
-85°	32.2	31.8	32.5	33.0	32.5	31.8	32.2	32.4	32.5	32.5	32.3
-87.5°	11.8	11.7	12.1	12.6	12.1	11.7	11.8	12.0	12.1	12.2	12.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	12.3	12.3	12.3	12.7	13.0	13.3	13.5	13.1	12.6	12.2	11.7
85°	31.9	31.5	31.0	30.5	30.0	29.4	28.9	28.5	27.9	27.1	26.2
82.5°	54.4	53.8	53.1	51.7	50.2	48.6	47.1	46.2	45.3	44.2	42.9
80°	77.9	77.1	76.0	74.6	72.8	70.6	68.3	66.6	64.6	62.6	61.1
77.5°	104.7	103.3	101.5	99.7	97.5	95.0	92.4	90.1	87.7	84.8	82.4
75°	134.3	131.7	129.2	126.8	124.0	121.0	118.1	115.4	112.2	108.5	105.6
72.5°	164.4	161.0	157.5	154.3	150.8	147.0	144.0	141.3	137.7	133.4	130.4
70°	194.5	190.4	186.3	181.9	177.3	172.5	169.6	167.1	163.8	159.4	156.7
67.5°	224.5	219.7	215.2	210.4	205.0	199.0	196.0	192.7	189.0	184.6	183.4
65°	253.7	248.6	244.3	239.2	233.3	226.8	224.2	220.6	216.1	211.2	210.4
62.5°	282.2	276.2	272.1	267.2	261.4	256.0	253.3	249.3	244.1	240.5	240.0
60°	311.0	305.7	301.2	295.8	289.4	285.2	283.0	278.8	272.8	271.3	270.7
57.5°	338.3	333.7	329.6	324.4	318.0	316.0	313.7	309.3	303.2	304.0	302.6
55°	364.2	360.8	357.4	352.5	346.6	347.2	345.4	341.1	337.5	338.7	336.9
52.5°	390.9	389.4	386.4	381.1	378.6	380.0	377.9	373.7	374.4	375.7	373.0
50°	422.2	421.3	418.2	413.0	414.5	415.8	414.1	408.8	413.8	414.9	411.3
47.5°	457.3	457.2	453.2	448.6	454.3	455.4	453.3	453.6	457.9	456.7	452.2
45°	498.1	498.4	494.4	495.1	499.1	499.9	495.9	503.4	506.1	503.6	495.5
42.5°	547.5	547.0	542.4	549.5	551.7	550.5	551.8	559.6	559.7	554.1	554.5
40°	609.6	606.1	607.1	613.7	614.7	607.8	620.3	623.3	620.6	610.1	624.8
37.5°	688.5	681.8	690.2	692.2	689.1	692.8	701.7	699.9	688.1	698.4	707.6
35°	788.3	786.0	794.0	791.4	779.2	799.3	802.0	789.4	785.1	804.0	802.9
32.5°	913.0	926.2	924.8	913.3	920.8	925.2	919.3	898.0	925.1	932.3	915.8
30°	1098.9	1105.4	1091.2	1084.1	1097.3	1082.5	1052.0	1083.0	1094.8	1080.1	1043.3
27.5°	1352.3	1333.5	1307.6	1324.1	1308.7	1273.1	1284.0	1299.7	1286.0	1250.6	1208.9
25°	1674.7	1621.7	1634.8	1623.5	1572.4	1562.9	1578.8	1561.0	1511.5	1458.5	1516.9
22.5°	2079.8	2060.2	2038.7	1974.6	1959.0	1963.5	1925.1	1853.7	1810.2	1865.9	1867.7
20°	2624.1	2590.3	2516.5	2489.1	2475.1	2408.8	2312.4	2302.6	2348.2	2324.7	2254.3
17.5°	3277.3	3188.5	3173.1	3130.1	3048.3	2918.1	2967.5	2984.6	2941.1	2819.6	2671.6
15°	3981.7	4032.8	3988.3	3856.6	3778.6	3837.4	3808.6	3713.6	3581.8	3359.5	3107.6
12.5°	5137.5	5062.4	4875.1	4943.9	4924.5	4853.2	4707.7	4498.6	4224.9	3864.8	3502.0
10°	6478.9	6424.7	6370.2	6279.6	6130.8	5919.1	5565.5	5172.7	4763.9	4339.2	3898.5
7.5°	8226.9	8080.6	7894.2	7561.9	7146.4	6718.1	6269.8	5801.1	5301.9	4806.4	4291.4
5°	9817.1	9387.1	8948.3	8492.2	7988.5	7476.1	6958.8	6418.8	5830.5	5259.9	4672.3
2.5°	10819.6	10372.1	9888.5	9361.5	8713.2	8058.8	7404.5	6750.4	6050.0	5390.4	4731.0
0°	11265.3	10743.8	10146.6	9553.2	8906.4	8223.7	7491.5	6820.4	6103.7	5432.6	4764.5
-2.5°	10819.6	10372.1	9888.5	9361.5	8713.2	8058.8	7404.5	6750.4	6050.0	5390.4	4731.0
-5°	9817.1	9387.1	8948.3	8492.2	7988.5	7476.1	6958.8	6418.8	5830.5	5259.9	4672.3
-7.5°	8226.9	8080.6	7894.2	7561.9	7146.4	6718.1	6269.8	5801.1	5301.9	4806.4	4291.4
-10°	6478.9	6424.7	6370.2	6279.6	6130.8	5919.1	5565.5	5172.7	4763.9	4339.2	3898.5
-12.5°	5137.5	5062.4	4875.1	4943.9	4924.5	4853.2	4707.7	4498.6	4224.9	3864.8	3502.0
-15°	3981.7	4032.8	3988.3	3856.6	3778.6	3837.4	3808.6	3713.6	3581.8	3359.5	3107.6
-17.5°	3277.3	3188.5	3173.1	3130.1	3048.3	2918.1	2967.5	2984.6	2941.1	2819.6	2671.6
-20°	2624.1	2590.3	2516.5	2489.1	2475.1	2408.8	2312.4	2302.6	2348.2	2324.7	2254.3



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2079.8	2060.2	2038.7	1974.6	1959.0	1963.5	1925.1	1853.7	1810.2	1865.9	1867.7
-25°	1674.7	1621.7	1634.8	1623.5	1572.4	1562.9	1578.8	1561.0	1511.5	1458.5	1516.9
-27.5°	1352.3	1333.5	1307.6	1324.1	1308.7	1273.1	1284.0	1299.7	1286.0	1250.6	1208.9
-30°	1098.9	1105.4	1091.2	1084.1	1097.3	1082.5	1052.0	1083.0	1094.8	1080.1	1043.3
-32.5°	913.0	926.2	924.8	913.3	920.8	925.2	919.3	898.0	925.1	932.3	915.8
-35°	788.3	786.0	794.0	791.4	779.2	799.3	802.0	789.4	785.1	804.0	802.9
-37.5°	688.5	681.8	690.2	692.2	689.1	692.8	701.7	699.9	688.1	698.4	707.6
-40°	609.6	606.1	607.1	613.7	614.7	607.8	620.3	623.3	620.6	610.1	624.8
-42.5°	547.5	547.0	542.4	549.5	551.7	550.5	551.8	559.6	559.7	554.1	554.5
-45°	498.1	498.4	494.4	495.1	499.1	499.9	495.9	503.4	506.1	503.6	495.5
-47.5°	457.3	457.2	453.2	448.6	454.3	455.4	453.3	453.6	457.9	456.7	452.2
-50°	422.2	421.3	418.2	413.0	414.5	415.8	414.1	408.8	413.8	414.9	411.3
-52.5°	390.9	389.4	386.4	381.1	378.6	380.0	377.9	373.7	374.4	375.7	373.0
-55°	364.2	360.8	357.4	352.5	346.6	347.2	345.4	341.1	337.5	338.7	336.9
-57.5°	338.3	333.7	329.6	324.4	318.0	316.0	313.7	309.3	303.2	304.0	302.6
-60°	311.0	305.7	301.2	295.8	289.4	285.2	283.0	278.8	272.8	271.3	270.7
-62.5°	282.2	276.2	272.1	267.2	261.4	256.0	253.3	249.3	244.1	240.5	240.0
-65°	253.7	248.6	244.3	239.2	233.3	226.8	224.2	220.6	216.1	211.2	210.4
-67.5°	224.5	219.7	215.2	210.4	205.0	199.0	196.0	192.7	189.0	184.6	183.4
-70°	194.5	190.4	186.3	181.9	177.3	172.5	169.6	167.1	163.8	159.4	156.7
-72.5°	164.4	161.0	157.5	154.3	150.8	147.0	144.0	141.3	137.7	133.4	130.4
-75°	134.3	131.7	129.2	126.8	124.0	121.0	118.1	115.4	112.2	108.5	105.6
-77.5°	104.7	103.3	101.5	99.7	97.5	95.0	92.4	90.1	87.7	84.8	82.4
-80°	77.9	77.1	76.0	74.6	72.8	70.6	68.3	66.6	64.6	62.6	61.1
-82.5°	54.4	53.8	53.1	51.7	50.2	48.6	47.1	46.2	45.3	44.2	42.9
-85°	31.9	31.5	31.0	30.5	30.0	29.4	28.9	28.5	27.9	27.1	26.2
-87.5°	12.3	12.3	12.3	12.7	13.0	13.3	13.5	13.1	12.6	12.2	11.7
-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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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°	11.3	10.9	10.5	10.0	9.5	9.0	8.4	7.8	7.3	6.7	6.0
85°	25.3	24.2	22.9	21.5	19.9	18.0	16.8	15.6	14.5	13.3	12.0
82.5°	41.8	40.5	38.9	37.2	35.6	33.5	30.9	27.8	24.3	20.4	18.0
80°	60.6	59.4	57.4	54.8	52.2	49.1	46.2	42.5	38.0	33.1	27.6
77.5°	81.4	79.6	77.2	74.5	71.1	67.1	62.6	57.6	51.8	45.8	39.1
75°	103.9	101.9	99.1	95.4	90.6	85.1	79.7	73.6	66.7	58.6	50.5
72.5°	128.6	125.7	121.8	116.8	111.2	104.8	97.4	89.8	82.0	72.9	62.4
70°	154.1	150.4	145.8	140.4	133.2	124.5	116.1	107.5	97.5	87.3	75.5
67.5°	180.6	176.3	170.7	164.7	157.1	147.4	135.4	125.7	115.0	101.7	88.6
65°	208.1	203.3	196.3	190.3	181.8	171.0	158.2	145.3	132.7	118.3	101.7
62.5°	237.0	231.6	225.0	217.2	207.4	195.6	181.5	167.7	151.2	135.0	116.3
60°	267.5	261.7	254.9	246.6	234.8	220.7	206.2	190.2	172.1	151.7	131.6
57.5°	299.1	292.7	287.1	277.4	264.1	247.7	232.1	214.5	193.2	170.5	146.9
55°	331.8	325.9	320.8	310.4	295.0	276.4	260.2	240.2	215.0	189.7	162.1
52.5°	366.9	362.7	356.6	344.9	328.0	308.2	292.0	266.6	239.7	208.9	179.2
50°	403.8	403.6	395.6	381.5	362.2	345.9	325.5	297.9	264.9	229.1	196.5
47.5°	449.2	448.6	439.1	420.9	398.7	386.4	363.4	330.9	290.4	252.3	214.0
45°	500.9	497.4	485.9	465.4	445.6	432.4	404.3	365.0	321.5	275.9	231.5
42.5°	558.3	552.1	536.0	512.2	504.2	483.2	447.4	404.0	353.4	299.6	250.8
40°	625.5	612.4	590.2	578.2	569.8	538.3	497.2	444.9	385.9	324.9	271.3
37.5°	699.8	680.6	651.0	660.1	642.8	603.9	550.4	487.2	420.0	353.6	291.6
35°	786.7	756.7	757.3	756.0	726.5	674.0	606.4	533.0	457.7	382.1	311.5
32.5°	881.8	874.0	887.4	865.7	817.9	748.4	669.1	583.4	495.9	410.5	331.1
30°	1016.8	1049.2	1034.9	986.4	919.0	833.7	736.4	635.0	534.5	438.5	351.3
27.5°	1249.7	1248.6	1201.0	1125.8	1032.3	924.2	804.5	687.5	573.3	467.8	374.1
25°	1512.5	1474.8	1393.0	1279.3	1152.6	1014.7	873.6	740.7	615.4	499.5	396.3
22.5°	1812.7	1721.3	1601.1	1442.7	1271.5	1107.9	947.3	799.0	658.9	530.6	417.7
20°	2137.3	1984.2	1819.0	1602.9	1399.8	1209.4	1025.3	856.7	701.9	560.8	438.3
17.5°	2484.9	2255.5	2026.4	1776.4	1534.6	1311.7	1103.1	913.5	743.9	590.0	457.8
15°	2821.6	2526.7	2240.0	1951.1	1669.8	1413.8	1180.0	968.8	784.5	618.0	473.1
12.5°	3153.6	2801.7	2456.6	2125.0	1804.0	1514.5	1255.1	1022.2	823.5	638.1	483.1
10°	3484.9	3076.5	2673.0	2295.8	1935.4	1612.5	1327.5	1063.9	841.9	650.9	491.4
7.5°	3811.3	3347.2	2885.7	2461.3	2048.6	1676.6	1358.5	1082.8	854.0	661.3	497.9
5°	4077.6	3523.8	2982.5	2510.4	2080.4	1702.0	1377.6	1097.4	862.3	669.1	502.7
2.5°	4113.5	3552.8	2996.9	2529.8	2101.7	1719.4	1390.3	1107.5	867.1	674.3	505.7
0°	4127.4	3562.2	2995.0	2535.7	2112.3	1728.6	1396.5	1112.9	868.2	676.9	506.9
-2.5°	4113.5	3552.8	2996.9	2529.8	2101.7	1719.4	1390.3	1107.5	867.1	674.3	505.7
-5°	4077.6	3523.8	2982.5	2510.4	2080.4	1702.0	1377.6	1097.4	862.3	669.1	502.7
-7.5°	3811.3	3347.2	2885.7	2461.3	2048.6	1676.6	1358.5	1082.8	854.0	661.3	497.9
-10°	3484.9	3076.5	2673.0	2295.8	1935.4	1612.5	1327.5	1063.9	841.9	650.9	491.4
-12.5°	3153.6	2801.7	2456.6	2125.0	1804.0	1514.5	1255.1	1022.2	823.5	638.1	483.1
-15°	2821.6	2526.7	2240.0	1951.1	1669.8	1413.8	1180.0	968.8	784.5	618.0	473.1
-17.5°	2484.9	2255.5	2026.4	1776.4	1534.6	1311.7	1103.1	913.5	743.9	590.0	457.8
-20°	2137.3	1984.2	1819.0	1602.9	1399.8	1209.4	1025.3	856.7	701.9	560.8	438.3



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 CATALOG NUMBER: GFLD-SA3B-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1812.7	1721.3	1601.1	1442.7	1271.5	1107.9	947.3	799.0	658.9	530.6	417.7
-25°	1512.5	1474.8	1393.0	1279.3	1152.6	1014.7	873.6	740.7	615.4	499.5	396.3
-27.5°	1249.7	1248.6	1201.0	1125.8	1032.3	924.2	804.5	687.5	573.3	467.8	374.1
-30°	1016.8	1049.2	1034.9	986.4	919.0	833.7	736.4	635.0	534.5	438.5	351.3
-32.5°	881.8	874.0	887.4	865.7	817.9	748.4	669.1	583.4	495.9	410.5	331.1
-35°	786.7	756.7	757.3	756.0	726.5	674.0	606.4	533.0	457.7	382.1	311.5
-37.5°	699.8	680.6	651.0	660.1	642.8	603.9	550.4	487.2	420.0	353.6	291.6
-40°	625.5	612.4	590.2	578.2	569.8	538.3	497.2	444.9	385.9	324.9	271.3
-42.5°	558.3	552.1	536.0	512.2	504.2	483.2	447.4	404.0	353.4	299.6	250.8
-45°	500.9	497.4	485.9	465.4	445.6	432.4	404.3	365.0	321.5	275.9	231.5
-47.5°	449.2	448.6	439.1	420.9	398.7	386.4	363.4	330.9	290.4	252.3	214.0
-50°	403.8	403.6	395.6	381.5	362.2	345.9	325.5	297.9	264.9	229.1	196.5
-52.5°	366.9	362.7	356.6	344.9	328.0	308.2	292.0	266.6	239.7	208.9	179.2
-55°	331.8	325.9	320.8	310.4	295.0	276.4	260.2	240.2	215.0	189.7	162.1
-57.5°	299.1	292.7	287.1	277.4	264.1	247.7	232.1	214.5	193.2	170.5	146.9
-60°	267.5	261.7	254.9	246.6	234.8	220.7	206.2	190.2	172.1	151.7	131.6
-62.5°	237.0	231.6	225.0	217.2	207.4	195.6	181.5	167.7	151.2	135.0	116.3
-65°	208.1	203.3	196.3	190.3	181.8	171.0	158.2	145.3	132.7	118.3	101.7
-67.5°	180.6	176.3	170.7	164.7	157.1	147.4	135.4	125.7	115.0	101.7	88.6
-70°	154.1	150.4	145.8	140.4	133.2	124.5	116.1	107.5	97.5	87.3	75.5
-72.5°	128.6	125.7	121.8	116.8	111.2	104.8	97.4	89.8	82.0	72.9	62.4
-75°	103.9	101.9	99.1	95.4	90.6	85.1	79.7	73.6	66.7	58.6	50.5
-77.5°	81.4	79.6	77.2	74.5	71.1	67.1	62.6	57.6	51.8	45.8	39.1
-80°	60.6	59.4	57.4	54.8	52.2	49.1	46.2	42.5	38.0	33.1	27.6
-82.5°	41.8	40.5	38.9	37.2	35.6	33.5	30.9	27.8	24.3	20.4	18.0
-85°	25.3	24.2	22.9	21.5	19.9	18.0	16.8	15.6	14.5	13.3	12.0
-87.5°	11.3	10.9	10.5	10.0	9.5	9.0	8.4	7.8	7.3	6.7	6.0
-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):

	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°	5.3	4.7	4.0	3.1	2.2	1.1	0.0
85°	10.6	9.3	7.9	6.3	4.4	2.2	0.0
82.5°	15.8	14.0	11.9	9.4	6.6	3.3	0.0
80°	21.7	18.7	15.8	12.5	8.7	4.4	0.0
77.5°	31.9	24.8	19.7	15.6	10.9	5.5	0.0
75°	42.1	33.6	24.3	18.7	13.0	6.5	0.0
72.5°	52.3	42.4	31.5	21.7	15.1	7.6	0.0
70°	62.6	51.1	38.7	25.3	17.2	8.6	0.0
67.5°	74.4	59.7	45.8	30.7	19.3	9.6	0.0
65°	86.2	69.1	52.8	36.2	21.3	10.6	0.0
62.5°	97.9	79.2	59.8	41.5	23.2	11.6	0.0
60°	109.5	89.2	66.6	46.7	25.2	12.6	0.0
57.5°	122.7	99.1	74.7	51.9	28.6	13.5	0.0
55°	136.0	108.9	82.7	56.9	32.0	14.5	0.0
52.5°	149.0	118.7	90.6	61.9	35.2	15.3	0.0
50°	161.9	129.6	98.3	66.7	38.4	16.2	0.0
47.5°	175.0	140.2	105.8	71.6	41.5	17.0	0.0
45°	190.1	150.6	113.2	77.2	44.4	17.8	0.0
42.5°	205.0	160.7	120.4	82.6	47.3	18.6	0.0
40°	219.8	170.5	127.8	87.6	50.0	19.3	0.0
37.5°	234.5	180.0	135.3	92.2	52.6	20.0	0.0
35°	248.9	190.8	142.6	96.6	55.1	20.6	0.0
32.5°	263.7	202.1	149.5	100.7	57.5	21.3	0.0
30°	279.5	213.1	156.1	104.5	59.7	21.8	0.0
27.5°	294.7	223.7	161.6	107.9	61.8	22.4	0.0
25°	309.4	233.8	166.7	111.1	63.7	22.8	0.0
22.5°	323.5	242.8	171.4	113.9	65.4	23.3	0.0
20°	336.8	249.7	175.7	116.5	67.1	23.7	0.0
17.5°	346.8	255.8	179.6	118.7	68.5	24.0	0.0
15°	354.3	261.0	183.1	120.6	69.8	24.3	0.0
12.5°	360.7	265.3	186.1	122.1	70.9	24.6	0.0
10°	366.0	268.9	188.7	123.4	71.8	24.8	0.0
7.5°	370.2	271.6	190.8	124.3	72.6	25.0	0.0
5°	373.2	273.4	192.5	125.0	73.2	25.1	0.0
2.5°	375.1	274.5	193.6	125.3	73.6	25.2	0.0
0°	375.8	274.8	194.2	125.3	73.8	25.2	0.0
-2.5°	375.1	274.5	193.6	125.3	73.6	25.2	0.0
-5°	373.2	273.4	192.5	125.0	73.2	25.1	0.0
-7.5°	370.2	271.6	190.8	124.3	72.6	25.0	0.0
-10°	366.0	268.9	188.7	123.4	71.8	24.8	0.0
-12.5°	360.7	265.3	186.1	122.1	70.9	24.6	0.0
-15°	354.3	261.0	183.1	120.6	69.8	24.3	0.0
-17.5°	346.8	255.8	179.6	118.7	68.5	24.0	0.0
-20°	336.8	249.7	175.7	116.5	67.1	23.7	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	323.5	242.8	171.4	113.9	65.4	23.3	0.0
-25°	309.4	233.8	166.7	111.1	63.7	22.8	0.0
-27.5°	294.7	223.7	161.6	107.9	61.8	22.4	0.0
-30°	279.5	213.1	156.1	104.5	59.7	21.8	0.0
-32.5°	263.7	202.1	149.5	100.7	57.5	21.3	0.0
-35°	248.9	190.8	142.6	96.6	55.1	20.6	0.0
-37.5°	234.5	180.0	135.3	92.2	52.6	20.0	0.0
-40°	219.8	170.5	127.8	87.6	50.0	19.3	0.0
-42.5°	205.0	160.7	120.4	82.6	47.3	18.6	0.0
-45°	190.1	150.6	113.2	77.2	44.4	17.8	0.0
-47.5°	175.0	140.2	105.8	71.6	41.5	17.0	0.0
-50°	161.9	129.6	98.3	66.7	38.4	16.2	0.0
-52.5°	149.0	118.7	90.6	61.9	35.2	15.3	0.0
-55°	136.0	108.9	82.7	56.9	32.0	14.5	0.0
-57.5°	122.7	99.1	74.7	51.9	28.6	13.5	0.0
-60°	109.5	89.2	66.6	46.7	25.2	12.6	0.0
-62.5°	97.9	79.2	59.8	41.5	23.2	11.6	0.0
-65°	86.2	69.1	52.8	36.2	21.3	10.6	0.0
-67.5°	74.4	59.7	45.8	30.7	19.3	9.6	0.0
-70°	62.6	51.1	38.7	25.3	17.2	8.6	0.0
-72.5°	52.3	42.4	31.5	21.7	15.1	7.6	0.0
-75°	42.1	33.6	24.3	18.7	13.0	6.5	0.0
-77.5°	31.9	24.8	19.7	15.6	10.9	5.5	0.0
-80°	21.7	18.7	15.8	12.5	8.7	4.4	0.0
-82.5°	15.8	14.0	11.9	9.4	6.6	3.3	0.0
-85°	10.6	9.3	7.9	6.3	4.4	2.2	0.0
-87.5°	5.3	4.7	4.0	3.1	2.2	1.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)