

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



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

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P645357 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2B-727-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645357 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-22)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2B-727-U-LAM-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

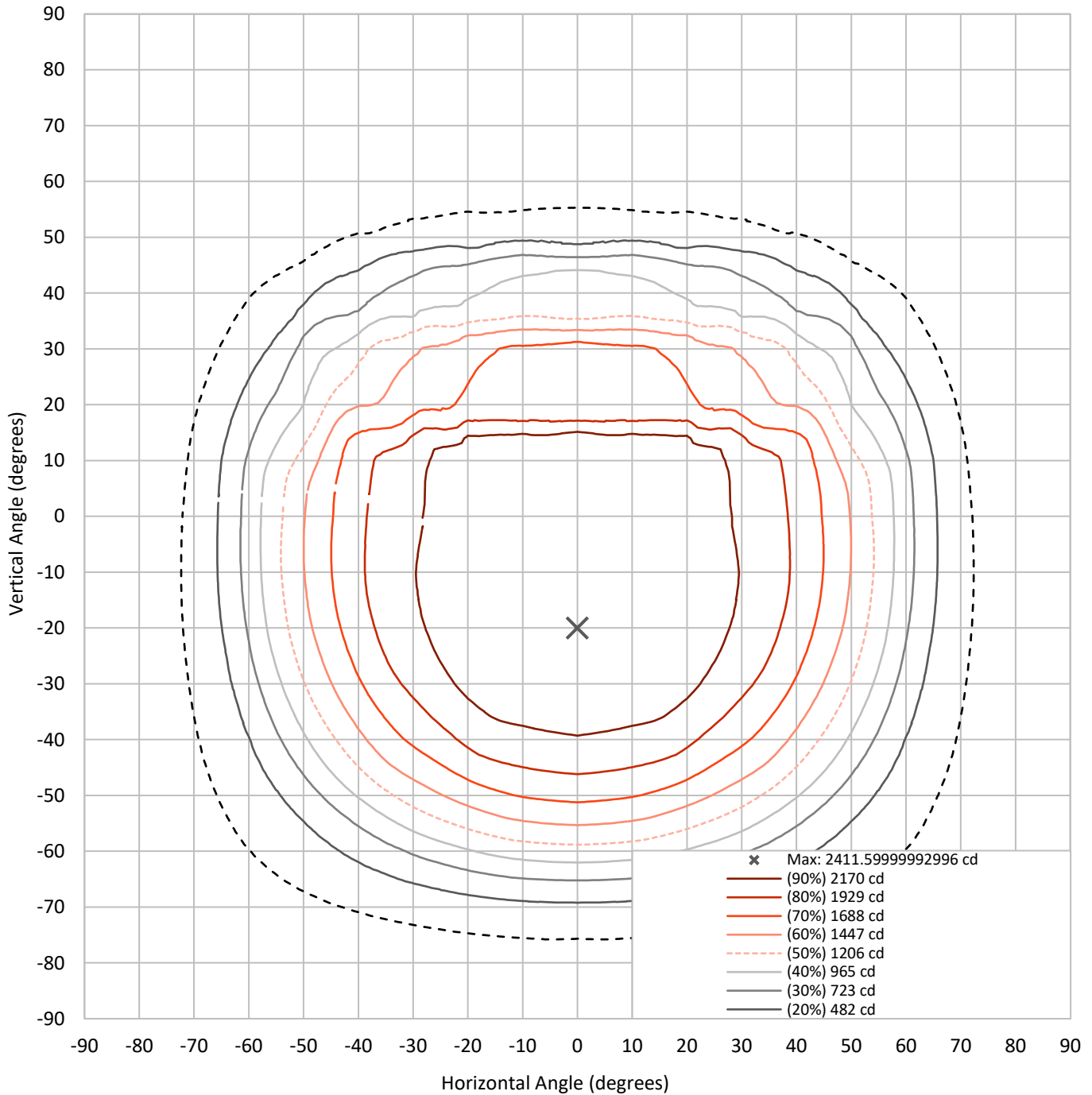
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	5654.4 lumens	Max Intensity:	2411.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	88.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	105.6°H x 93.7°V	Field Angle (10%):	144°H x 131.2°V
Beam Lumens:	4420.6 lumens	Field Lumens:	5542.5 lumens
Beam Efficiency:	78.2%	Field Efficiency:	98.0%
Input Watts (W):	63.6		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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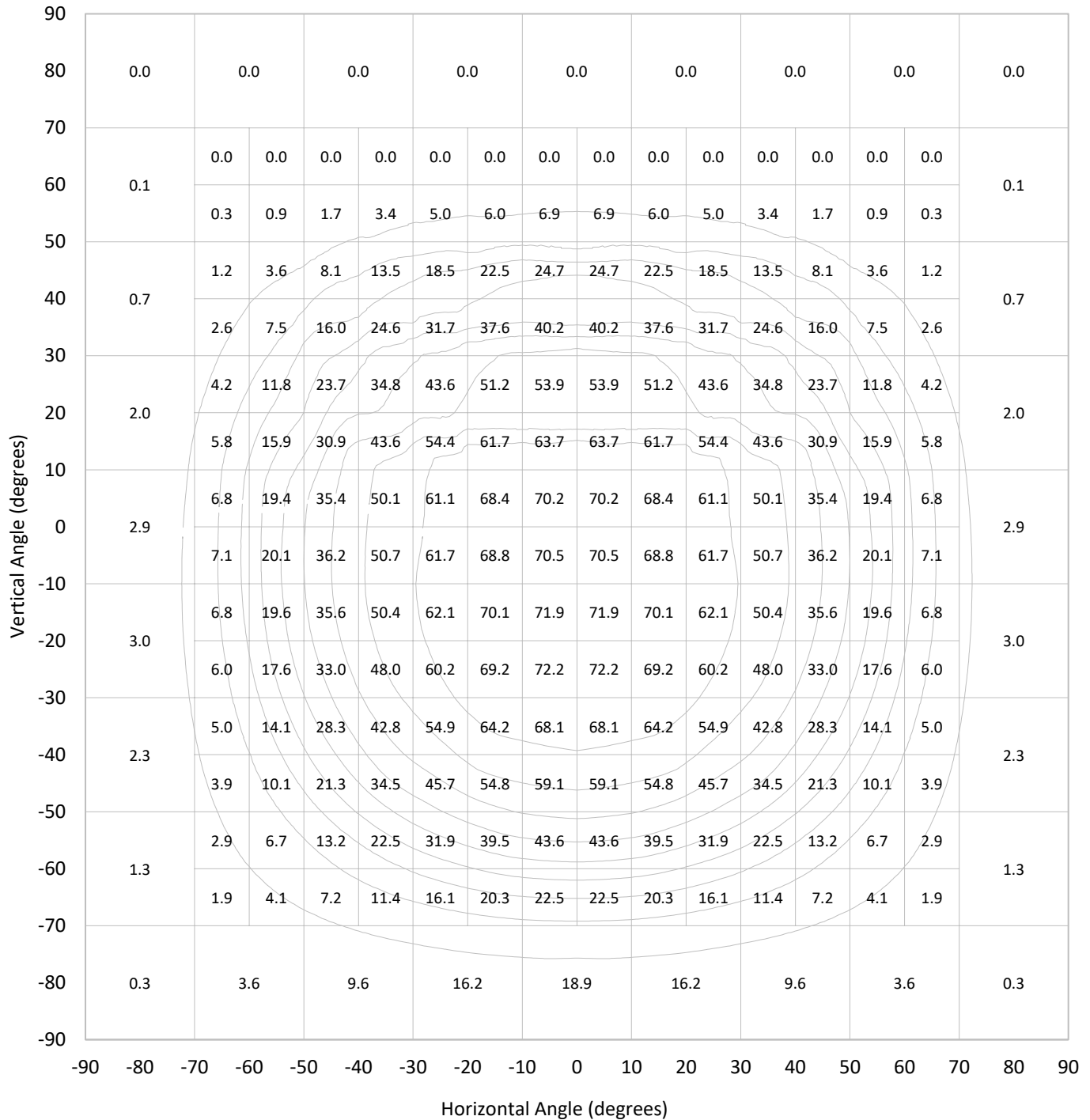
Iso-Candela Plot





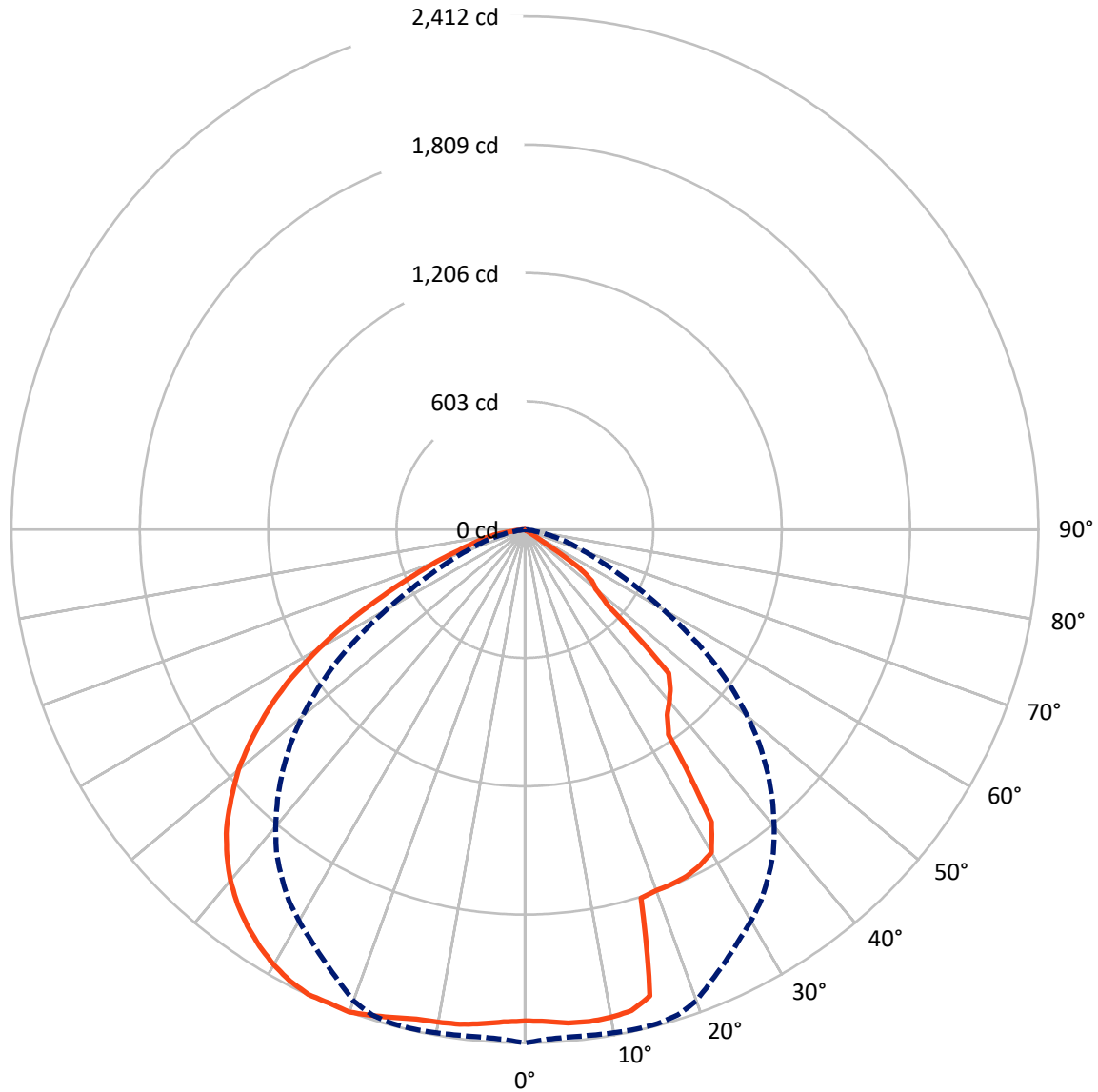
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Lumen Table



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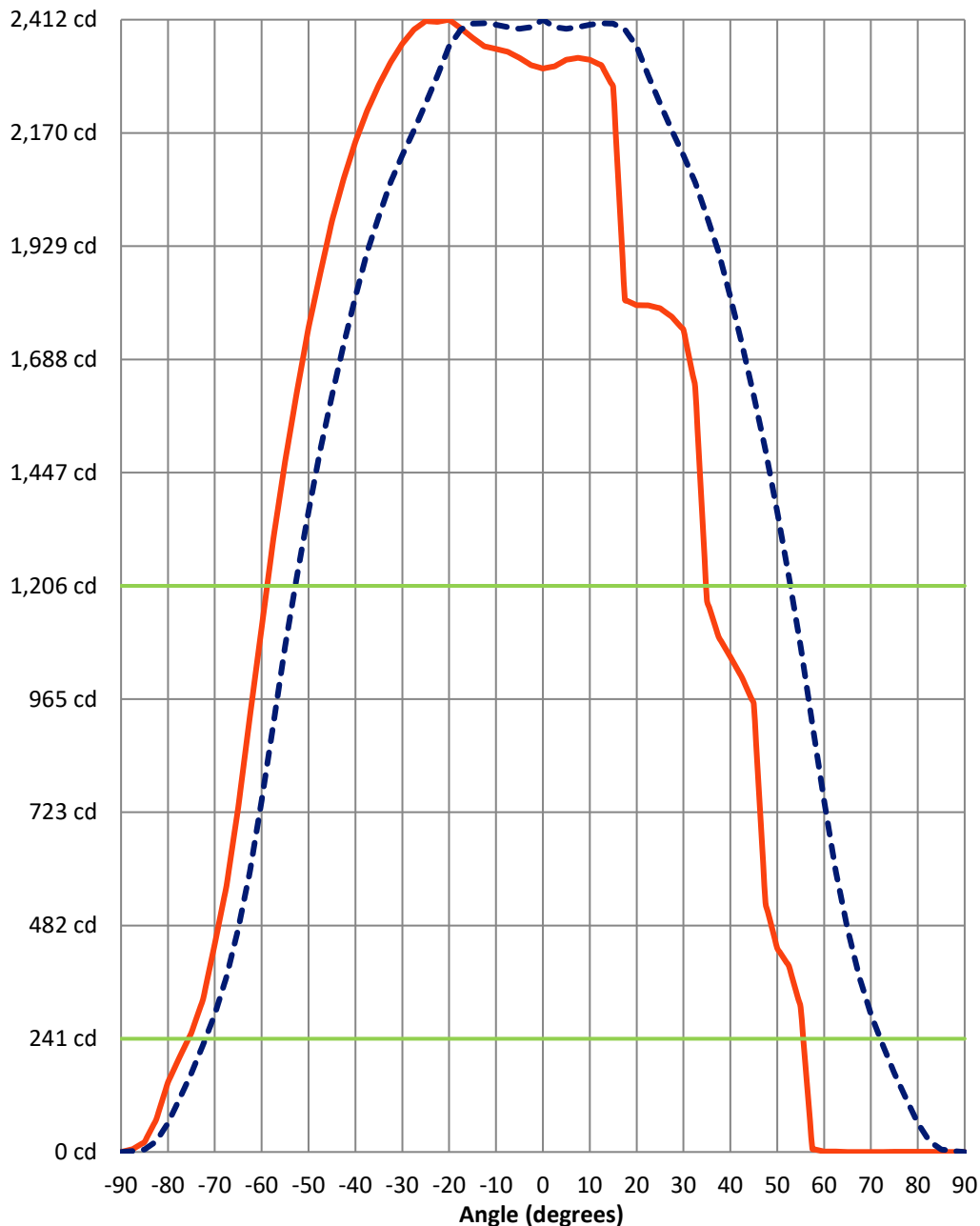
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 4420.6
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 5542.5
 Efficiency: 98.0%

Spill:
 Lumens: 111.9
 Efficiency: 2.0%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.2	0.2
85°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.5	0.5	0.4
82.5°	0.0	0.2	0.3	0.4	0.5	0.6	0.8	0.8	0.8	0.6	0.5
80°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	0.9	0.8	0.6	0.5
77.5°	0.0	0.3	0.4	0.6	0.9	1.0	1.0	0.9	0.8	0.6	0.5
75°	0.0	0.3	0.5	0.8	1.0	1.0	1.0	0.9	0.8	0.7	0.5
72.5°	0.0	0.4	0.6	0.9	1.1	1.1	1.0	0.9	0.8	0.7	0.6
70°	0.0	0.4	0.7	1.0	1.1	1.1	1.1	0.9	0.8	0.7	0.8
67.5°	0.0	0.5	0.8	1.1	1.2	1.2	1.2	0.9	0.8	1.1	1.1
65°	0.0	0.5	0.9	1.1	1.2	1.3	1.4	1.0	1.3	1.6	2.0
62.5°	0.0	0.6	1.0	1.2	1.3	1.7	1.6	1.4	1.9	2.8	4.5
60°	0.0	0.6	1.1	1.2	1.3	2.0	1.9	1.9	2.5	7.1	7.8
57.5°	0.0	0.7	1.1	1.3	1.7	2.5	3.5	2.7	7.0	12.1	14.1
55°	0.0	0.7	1.2	1.3	2.2	2.9	5.6	4.5	13.0	18.8	22.8
52.5°	0.0	0.8	1.2	1.4	2.6	3.8	8.1	11.3	19.5	29.4	33.1
50°	0.0	0.8	1.3	1.4	3.1	6.4	10.9	19.1	27.9	41.3	51.7
47.5°	0.0	0.9	1.4	1.6	3.6	9.2	14.6	27.2	40.2	54.3	70.8
45°	0.0	0.9	1.4	2.0	4.1	12.3	22.0	35.8	53.9	70.8	89.3
42.5°	0.0	1.0	1.5	2.4	4.7	15.5	29.7	46.6	67.9	86.9	110.6
40°	0.0	1.0	1.6	2.9	6.3	19.0	37.4	58.9	82.3	102.7	133.4
37.5°	0.0	1.1	1.6	3.5	9.0	22.6	45.4	71.2	97.4	121.6	157.2
35°	0.0	1.1	1.7	4.2	11.7	28.0	53.4	83.5	112.8	144.9	185.4
32.5°	0.0	1.2	1.8	5.0	14.4	34.4	62.1	95.8	128.4	168.2	219.6
30°	0.0	1.2	1.8	5.8	17.2	40.7	72.1	108.2	144.0	191.7	252.4
27.5°	0.0	1.2	1.9	6.7	20.7	46.9	81.9	121.1	161.3	215.1	283.8
25°	0.0	1.3	2.0	7.6	24.2	53.0	91.4	133.9	180.7	240.6	313.8
22.5°	0.0	1.3	2.0	8.5	27.7	59.3	100.7	146.5	199.8	266.2	344.0
20°	0.0	1.3	2.1	9.5	31.2	66.0	109.7	158.8	218.3	290.3	373.6
17.5°	0.0	1.4	2.2	10.5	34.6	72.5	118.5	170.7	236.3	312.9	402.2
15°	0.0	1.4	2.3	11.5	37.9	78.7	127.1	181.8	253.6	334.0	429.7
12.5°	0.0	1.4	2.3	12.5	41.2	84.6	135.0	191.7	267.4	353.6	455.9
10°	0.0	1.4	2.4	13.5	44.2	90.2	142.4	200.8	277.6	365.3	477.2
7.5°	0.0	1.5	2.4	14.5	47.2	95.5	149.2	209.2	286.4	374.4	489.6
5°	0.0	1.5	2.5	15.4	49.9	100.3	155.4	216.7	293.7	381.7	499.8
2.5°	0.0	1.5	2.5	16.2	52.4	104.7	160.9	223.3	299.6	387.3	507.5
0°	0.0	1.5	2.6	17.0	54.6	108.6	165.8	229.1	304.3	391.3	512.8
-2.5°	0.0	1.6	3.0	18.1	56.7	111.1	168.2	232.5	306.0	396.3	516.3
-5°	0.0	1.7	3.4	19.1	58.4	113.0	170.0	234.9	306.5	399.6	517.4
-7.5°	0.0	1.8	3.8	20.0	59.9	114.5	171.1	236.5	306.1	401.0	516.2
-10°	0.0	1.8	4.1	20.8	61.0	115.4	171.7	237.1	304.8	400.2	512.9
-12.5°	0.0	1.9	4.5	21.5	61.7	115.8	171.6	236.7	302.7	396.9	507.3
-15°	0.0	2.0	4.8	22.0	62.0	115.6	170.9	235.3	300.3	390.6	499.1
-17.5°	0.0	2.0	5.1	22.4	62.0	114.9	169.6	232.5	297.3	382.8	488.5
-20°	0.0	2.1	5.4	22.6	61.5	113.7	167.7	228.4	293.2	373.4	475.4

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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	2.1	5.7	22.7	60.7	112.0	164.9	223.6	287.8	362.6	459.8
-25°	0.0	2.2	5.9	22.6	59.4	109.3	161.5	217.9	281.1	350.4	441.8
-27.5°	0.0	2.2	6.1	22.3	57.7	105.9	157.4	211.5	273.1	338.7	425.8
-30°	0.0	2.2	6.2	21.8	55.5	102.1	152.6	204.3	264.4	328.7	408.8
-32.5°	0.0	2.2	6.4	21.2	53.0	97.8	147.2	197.7	255.2	317.2	390.6
-35°	0.0	2.2	6.4	20.4	50.2	93.1	141.4	190.8	245.2	304.1	371.3
-37.5°	0.0	2.2	6.5	19.3	47.1	88.3	135.1	183.1	234.5	289.6	352.1
-40°	0.0	2.2	6.5	18.1	43.7	84.0	128.4	174.6	223.1	275.8	333.3
-42.5°	0.0	2.2	6.5	16.8	41.2	79.5	121.2	165.5	212.1	261.2	312.9
-45°	0.0	2.1	6.4	15.5	39.4	74.6	113.5	156.1	200.8	245.7	291.9
-47.5°	0.0	2.1	6.3	14.0	37.3	69.4	105.4	146.6	188.7	229.4	273.7
-50°	0.0	2.0	6.1	13.5	35.0	63.9	98.6	136.7	175.4	214.5	254.6
-52.5°	0.0	1.9	5.9	13.2	32.3	58.2	91.9	126.3	162.7	199.1	235.0
-55°	0.0	1.8	5.7	12.8	29.3	53.9	84.8	115.8	149.8	183.3	217.6
-57.5°	0.0	1.8	5.4	12.3	26.1	49.5	77.5	107.5	136.6	168.2	199.9
-60°	0.0	1.7	5.1	11.6	22.7	44.7	70.1	98.3	123.3	152.9	182.2
-62.5°	0.0	1.6	4.8	10.8	21.1	39.6	63.4	88.3	111.1	137.1	164.8
-65°	0.0	1.4	4.5	9.8	19.3	34.0	56.1	77.9	98.1	121.3	147.0
-67.5°	0.0	1.3	4.1	8.8	17.2	29.4	48.4	67.6	84.4	104.8	127.8
-70°	0.0	1.2	3.7	7.6	15.0	25.8	40.3	57.0	72.2	87.6	107.4
-72.5°	0.0	1.1	3.3	6.7	12.6	21.8	34.1	46.2	59.7	73.4	87.2
-75°	0.0	0.9	2.9	5.8	10.0	17.6	27.8	37.2	47.0	58.9	71.0
-77.5°	0.0	0.8	2.4	4.9	8.3	13.2	21.3	28.8	36.6	45.0	54.5
-80°	0.0	0.6	2.0	4.0	6.7	10.1	14.6	20.2	26.2	32.7	39.7
-82.5°	0.0	0.5	1.5	3.0	5.1	7.6	10.7	13.0	15.7	20.2	25.2
-85°	0.0	0.3	1.0	2.0	3.4	5.1	7.2	8.7	10.2	11.8	13.5
-87.5°	0.0	0.2	0.5	1.0	1.7	2.6	3.6	4.3	5.1	5.9	6.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA2B-727-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
85°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
82.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
80°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
77.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
72.5°	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5
70°	0.8	0.8	0.7	0.6	0.5	0.5	0.6	0.6	0.5	0.5	0.5
67.5°	1.0	0.8	0.7	0.7	0.7	0.8	0.7	0.6	0.5	0.5	0.5
65°	1.0	0.9	1.3	1.4	1.0	0.9	0.8	0.6	0.7	0.7	0.7
62.5°	1.5	1.9	2.4	4.3	3.2	0.9	1.7	2.0	1.4	1.2	1.3
60°	5.0	3.4	10.1	14.5	9.0	3.3	4.0	10.0	8.5	2.2	7.3
57.5°	10.5	14.5	26.7	27.2	18.8	10.6	26.5	30.0	28.3	19.3	29.5
55°	23.2	35.7	44.3	41.0	41.1	49.1	59.1	65.1	61.0	93.8	119.8
52.5°	45.4	58.2	61.1	68.1	87.1	94.9	102.8	118.3	153.4	190.4	198.5
50°	67.1	77.6	85.5	117.6	134.7	143.5	160.1	194.8	241.6	264.4	258.9
47.5°	88.1	98.9	136.5	167.3	180.2	198.6	226.1	293.2	342.8	343.8	338.2
45°	110.2	139.1	187.3	209.6	228.6	256.7	323.1	415.7	420.6	434.0	516.8
42.5°	133.9	184.4	226.6	251.5	279.3	331.9	420.6	481.3	502.3	561.2	627.7
40°	172.3	228.2	265.1	296.9	332.7	409.5	506.6	563.5	580.5	631.5	681.5
37.5°	211.1	264.8	306.1	344.5	394.2	497.8	610.1	657.1	665.7	675.0	785.8
35°	248.6	302.4	351.8	402.0	463.0	612.1	710.3	754.4	753.1	816.0	932.1
32.5°	283.6	340.7	399.1	466.3	566.8	719.6	817.8	844.3	884.4	975.9	1134.3
30°	318.6	383.5	450.5	530.6	658.0	790.4	902.5	945.0	1013.8	1118.2	1233.5
27.5°	354.6	427.4	508.4	602.2	729.9	851.6	947.4	1049.0	1115.7	1209.3	1291.4
25°	390.5	473.9	565.6	664.9	781.3	894.8	993.9	1111.2	1182.8	1258.3	1334.8
22.5°	428.2	521.0	624.5	714.5	824.7	931.5	1049.4	1176.6	1269.7	1317.7	1369.1
20°	467.5	572.0	682.4	782.1	867.5	965.6	1105.1	1259.7	1380.0	1434.0	1441.0
17.5°	506.3	621.4	740.1	848.0	940.1	1027.4	1163.6	1359.3	1508.8	1559.1	1581.4
15°	544.1	668.9	797.5	912.1	1013.3	1120.0	1265.5	1464.4	1635.4	1691.0	1726.1
12.5°	580.6	714.2	853.9	974.2	1086.5	1206.2	1358.0	1540.1	1696.2	1803.7	1868.1
10°	615.4	756.9	908.7	1033.7	1158.8	1286.1	1434.5	1596.5	1723.5	1827.2	1918.7
7.5°	632.9	784.9	955.7	1090.4	1229.4	1360.0	1497.2	1636.2	1743.2	1844.9	1933.3
5°	644.8	796.4	970.4	1110.1	1266.9	1409.3	1542.5	1662.3	1756.1	1856.8	1943.2
2.5°	653.3	803.8	980.4	1120.9	1280.9	1424.4	1555.5	1671.1	1766.7	1865.4	1953.9
0°	658.5	807.3	985.5	1127.6	1289.7	1434.4	1563.1	1674.4	1773.7	1869.5	1964.7
-2.5°	661.4	818.1	988.9	1144.7	1298.2	1443.0	1573.7	1682.3	1786.1	1877.3	1972.7
-5°	661.0	824.6	988.0	1156.2	1302.3	1446.4	1579.1	1685.9	1792.9	1883.1	1976.0
-7.5°	657.5	826.1	983.5	1159.8	1302.5	1445.2	1576.7	1687.6	1792.8	1888.5	1976.3
-10°	651.1	820.2	979.4	1150.4	1297.5	1439.4	1569.6	1683.8	1788.6	1887.4	1974.6
-12.5°	643.5	808.2	970.8	1137.0	1287.4	1428.4	1558.8	1674.2	1780.7	1879.3	1970.7
-15°	632.2	792.2	956.7	1120.0	1271.9	1412.5	1544.8	1658.5	1768.6	1865.2	1959.0
-17.5°	617.0	772.3	936.8	1099.8	1251.1	1391.7	1526.8	1637.7	1747.4	1847.1	1937.6
-20°	597.8	748.8	911.1	1076.8	1224.7	1363.8	1494.6	1610.8	1719.8	1821.2	1916.3



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	574.6	721.8	880.0	1045.9	1191.7	1329.2	1458.5	1576.6	1689.5	1787.6	1888.9
-25°	551.4	693.2	845.7	1003.0	1153.4	1290.4	1420.0	1535.0	1650.4	1752.5	1848.7
-27.5°	529.2	660.1	805.9	955.8	1109.9	1246.3	1374.8	1489.9	1601.9	1713.5	1806.2
-30°	504.2	621.8	762.2	905.4	1055.7	1194.5	1323.9	1443.4	1550.0	1660.2	1759.7
-32.5°	476.6	581.1	716.1	853.9	995.6	1137.4	1265.7	1384.3	1495.2	1599.4	1703.9
-35°	449.7	548.2	667.2	798.5	931.8	1071.0	1199.4	1316.8	1431.9	1535.2	1635.1
-37.5°	425.5	512.7	615.3	740.7	868.1	999.8	1130.3	1244.0	1353.6	1467.0	1564.4
-40°	399.3	474.5	570.3	681.1	801.2	926.4	1051.4	1169.0	1272.0	1384.2	1491.3
-42.5°	371.8	443.4	525.9	618.1	731.5	849.5	970.2	1085.2	1192.2	1298.0	1404.1
-45°	347.8	410.5	480.8	565.0	657.3	768.3	882.5	997.3	1099.9	1200.7	1305.5
-47.5°	322.2	377.4	442.4	509.7	589.9	682.7	790.1	895.9	1001.0	1096.9	1189.7
-50°	296.7	347.6	401.0	461.6	527.8	603.0	692.3	790.6	886.5	985.0	1076.9
-52.5°	274.8	316.3	364.5	415.0	471.7	534.0	605.5	686.2	773.5	857.1	948.8
-55°	252.0	289.4	328.4	372.8	420.0	472.5	531.1	599.0	665.6	742.9	817.8
-57.5°	231.2	262.7	296.0	332.7	373.7	415.7	466.9	519.7	580.2	640.2	699.5
-60°	211.6	237.4	265.6	296.7	329.7	367.0	405.3	450.6	499.3	547.2	597.5
-62.5°	191.9	213.6	236.5	262.4	291.1	319.4	352.0	386.9	422.8	463.4	503.0
-65°	171.6	189.1	208.6	230.0	253.0	277.0	302.1	327.9	358.4	388.2	417.0
-67.5°	150.1	165.0	180.8	197.7	216.9	235.8	254.7	276.5	298.9	321.0	343.8
-70°	126.1	140.3	153.4	167.1	181.4	196.2	212.3	228.4	244.2	260.7	279.0
-72.5°	101.8	114.8	126.4	136.5	148.2	160.5	172.3	183.6	195.5	208.0	220.5
-75°	81.2	89.8	100.1	109.5	118.9	127.5	135.3	144.8	154.8	163.9	171.4
-77.5°	63.4	71.2	78.3	84.6	92.0	100.7	108.3	114.8	121.1	128.0	135.3
-80°	46.1	52.6	59.0	64.9	69.2	74.1	79.9	86.5	92.3	97.0	101.2
-82.5°	29.8	34.5	39.3	44.1	46.1	47.5	48.7	51.0	54.6	58.1	61.5
-85°	14.9	16.2	19.1	22.1	23.2	23.9	24.4	24.6	25.9	27.0	27.9
-87.5°	7.4	8.1	8.8	9.5	9.1	8.6	8.0	7.3	7.1	6.9	6.6
-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):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.4	0.4	0.4	0.4	0.5	0.3	0.2	0.1	0.0	0.0	0.0
85°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.2
82.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
80°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
77.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
72.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
70°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
67.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.3
65°	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.5	0.4	0.3
62.5°	1.3	1.4	1.1	1.1	1.1	1.1	1.0	1.0	0.9	0.8	0.9
60°	8.1	4.7	2.8	3.2	2.9	1.9	2.4	2.9	2.9	2.7	2.4
57.5°	44.7	33.4	24.7	59.1	59.3	28.3	34.1	53.6	44.1	14.5	13.5
55°	124.5	148.9	196.0	186.2	189.2	217.6	237.6	210.3	206.2	219.7	253.8
52.5°	223.7	247.0	262.8	277.6	295.6	315.0	335.0	347.7	359.5	372.2	379.7
50°	285.6	318.4	341.0	332.7	379.3	398.4	379.0	396.3	417.5	423.3	426.0
47.5°	421.7	469.9	479.4	510.4	538.2	537.6	513.9	515.3	578.2	633.7	661.0
45°	606.1	607.8	638.0	692.7	731.8	719.5	752.5	827.5	852.5	876.6	896.4
42.5°	677.9	707.7	755.9	804.3	833.5	858.8	883.2	910.8	943.2	969.5	990.5
40°	747.5	771.5	820.9	859.8	884.0	907.6	936.0	966.6	996.3	1019.4	1035.1
37.5°	854.5	873.1	885.2	921.3	967.0	945.9	999.9	1038.6	1056.4	1079.8	1081.9
35°	1016.5	1004.1	988.1	1132.0	1140.6	1092.0	1142.5	1202.6	1171.0	1236.9	1272.3
32.5°	1160.0	1158.2	1283.8	1359.5	1315.9	1351.5	1468.0	1462.8	1540.4	1576.4	1566.2
30°	1295.3	1341.5	1414.1	1470.4	1478.0	1534.1	1585.8	1631.1	1678.0	1720.0	1722.8
27.5°	1364.0	1424.2	1473.5	1506.1	1542.5	1589.7	1636.6	1687.7	1727.5	1753.8	1760.2
25°	1405.5	1467.0	1504.4	1539.4	1579.6	1620.3	1672.9	1728.4	1760.4	1776.7	1781.9
22.5°	1442.1	1497.4	1537.5	1566.0	1609.3	1653.0	1702.0	1749.1	1783.9	1791.0	1793.5
20°	1477.4	1530.5	1597.5	1639.5	1637.4	1686.7	1733.9	1771.3	1800.3	1800.1	1800.8
17.5°	1579.3	1598.3	1720.0	1812.4	1766.6	1742.5	1872.3	1874.8	1882.5	1867.2	1834.0
15°	1730.3	1764.8	1914.4	2014.5	1983.0	1981.3	2168.8	2122.3	2162.4	2151.9	2196.9
12.5°	1890.2	1931.1	2042.8	2141.2	2188.1	2199.6	2262.2	2320.9	2332.9	2328.2	2319.3
10°	1999.2	2057.4	2102.3	2162.0	2209.3	2257.5	2293.7	2335.9	2349.7	2341.7	2330.5
7.5°	2013.4	2070.9	2123.6	2176.0	2221.0	2259.9	2297.5	2331.8	2345.9	2341.2	2333.4
5°	2022.4	2074.5	2125.6	2178.7	2221.8	2257.8	2295.3	2330.0	2338.3	2332.8	2325.2
2.5°	2027.9	2076.2	2125.4	2178.4	2217.5	2251.7	2289.7	2326.8	2326.7	2324.2	2319.8
0°	2030.6	2079.0	2136.2	2184.1	2227.8	2260.3	2297.9	2333.9	2331.3	2324.6	2316.9
-2.5°	2036.4	2085.4	2143.8	2183.5	2232.8	2262.6	2301.4	2332.6	2331.4	2328.1	2324.2
-5°	2041.6	2096.7	2151.3	2193.0	2242.5	2281.3	2319.9	2344.4	2345.7	2341.1	2334.6
-7.5°	2044.7	2105.8	2157.9	2199.8	2247.8	2293.0	2332.1	2357.8	2358.4	2352.2	2344.6
-10°	2043.7	2108.2	2161.8	2205.1	2254.2	2298.8	2339.8	2372.3	2371.2	2365.4	2358.9
-12.5°	2039.8	2104.3	2159.3	2202.7	2258.5	2304.5	2350.5	2382.8	2384.5	2380.2	2373.1
-15°	2031.3	2097.9	2151.4	2198.9	2253.5	2307.2	2354.6	2390.2	2396.5	2393.0	2387.4
-17.5°	2014.6	2084.8	2141.6	2192.7	2245.2	2302.4	2356.2	2395.2	2403.9	2402.5	2397.8
-20°	1992.5	2065.0	2122.7	2176.3	2233.4	2292.3	2354.9	2390.5	2403.1	2403.9	2400.8



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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°	1967.8	2038.8	2099.9	2152.6	2214.5	2274.2	2330.9	2372.6	2393.8	2397.7	2397.9
-25°	1938.1	2011.1	2071.8	2127.9	2185.5	2247.1	2304.4	2351.0	2372.5	2382.8	2385.9
-27.5°	1896.2	1971.6	2031.4	2090.7	2149.3	2212.9	2273.2	2323.8	2341.2	2355.4	2361.0
-30°	1847.2	1921.7	1982.7	2036.9	2103.9	2168.8	2230.9	2275.1	2301.4	2317.6	2326.4
-32.5°	1790.8	1866.0	1929.9	1986.5	2050.3	2115.1	2173.6	2220.2	2256.6	2275.2	2284.6
-35°	1729.6	1806.3	1873.3	1932.9	1992.9	2054.8	2115.4	2164.1	2205.5	2221.5	2233.3
-37.5°	1655.7	1740.5	1809.1	1870.6	1927.6	1985.8	2048.9	2104.6	2144.8	2160.3	2172.7
-40°	1580.0	1661.9	1731.2	1796.7	1853.1	1916.6	1977.4	2035.8	2070.7	2088.8	2102.8
-42.5°	1500.1	1574.1	1639.9	1703.7	1766.4	1831.8	1892.5	1953.2	1983.4	2005.2	2022.5
-45°	1407.9	1476.7	1540.7	1600.3	1665.0	1729.3	1790.0	1843.6	1879.6	1908.0	1930.1
-47.5°	1284.9	1368.8	1433.0	1489.7	1553.8	1615.8	1674.7	1725.2	1764.5	1797.7	1823.4
-50°	1160.0	1240.5	1313.0	1376.6	1436.1	1493.4	1549.5	1598.9	1640.5	1676.5	1702.5
-52.5°	1037.0	1112.4	1184.3	1250.1	1307.2	1361.3	1412.6	1462.3	1506.2	1544.7	1569.9
-55°	898.0	976.1	1047.2	1108.6	1165.7	1219.2	1269.8	1316.9	1360.2	1399.4	1423.5
-57.5°	767.6	836.2	902.3	958.9	1012.9	1063.8	1111.8	1156.9	1198.5	1235.4	1258.6
-60°	647.8	697.8	754.7	807.0	854.8	898.1	942.9	984.9	1023.2	1055.6	1077.3
-62.5°	541.8	583.3	624.4	664.1	702.9	741.8	779.3	814.2	846.1	872.7	891.7
-65°	447.4	480.7	510.5	538.6	565.5	596.2	624.7	651.6	676.4	696.8	711.2
-67.5°	368.4	391.8	412.4	431.7	452.9	474.6	495.0	512.7	527.9	540.0	549.5
-70°	297.1	314.3	329.8	345.3	360.7	374.9	388.3	401.3	413.7	423.8	431.4
-72.5°	232.7	244.4	255.0	266.9	278.0	288.7	298.0	305.6	311.4	317.1	322.0
-75°	177.4	186.2	198.1	208.2	216.5	223.9	230.6	236.6	241.9	246.5	250.7
-77.5°	142.7	150.2	157.7	165.1	172.2	177.5	182.4	187.3	192.1	196.2	199.9
-80°	105.7	111.3	117.2	123.1	129.0	131.9	134.2	136.3	138.2	140.7	143.0
-82.5°	64.7	67.8	71.1	74.4	77.7	78.5	78.8	78.7	78.2	77.4	76.0
-85°	28.8	29.0	28.9	28.6	28.0	26.9	25.5	23.9	22.1	21.8	21.4
-87.5°	6.3	6.2	6.0	5.8	5.6	5.6	5.6	5.6	5.5	5.7	5.9
-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
85°	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.5	0.5
82.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
80°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
77.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
72.5°	0.5	0.5	0.3	0.0	0.3	0.5	0.5	0.5	0.5	0.5	0.5
70°	0.5	0.5	0.3	0.0	0.3	0.5	0.5	0.5	0.5	0.5	0.5
67.5°	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.5	0.5
65°	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.5	0.6
62.5°	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.8	0.9	1.0
60°	1.8	1.2	1.0	1.0	1.0	1.2	1.8	2.4	2.7	2.9	2.9
57.5°	11.4	8.5	7.2	6.7	7.2	8.5	11.4	13.5	14.5	44.1	53.6
55°	278.3	292.4	303.0	307.9	303.0	292.4	278.3	253.8	219.7	206.2	210.3
52.5°	386.3	392.5	396.0	395.9	396.0	392.5	386.3	379.7	372.2	359.5	347.7
50°	430.6	433.6	434.7	434.0	434.7	433.6	430.6	426.0	423.3	417.5	396.3
47.5°	636.1	581.0	540.5	530.8	540.5	581.0	636.1	661.0	633.7	578.2	515.3
45°	905.9	926.8	947.6	954.1	947.6	926.8	905.9	896.4	876.6	852.5	827.5
42.5°	999.4	1006.2	1010.0	1010.2	1010.0	1006.2	999.4	990.5	969.5	943.2	910.8
40°	1044.0	1050.4	1054.1	1054.5	1054.1	1050.4	1044.0	1035.1	1019.4	996.3	966.6
37.5°	1084.5	1089.9	1093.5	1097.2	1093.5	1089.9	1084.5	1081.9	1079.8	1056.4	1038.6
35°	1267.5	1226.0	1166.4	1175.4	1166.4	1226.0	1267.5	1272.3	1236.9	1171.0	1202.6
32.5°	1582.2	1599.6	1610.6	1629.0	1610.6	1599.6	1582.2	1566.2	1576.4	1540.4	1462.8
30°	1727.4	1733.1	1741.9	1751.1	1741.9	1733.1	1727.4	1722.8	1720.0	1678.0	1631.1
27.5°	1763.6	1769.6	1774.9	1778.9	1774.9	1769.6	1763.6	1760.2	1753.8	1727.5	1687.7
25°	1782.6	1786.3	1792.0	1796.9	1792.0	1786.3	1782.6	1781.9	1776.7	1760.4	1728.4
22.5°	1792.0	1792.4	1796.8	1803.1	1796.8	1792.4	1792.0	1793.5	1791.0	1783.9	1749.1
20°	1798.5	1795.0	1799.5	1803.6	1799.5	1795.0	1798.5	1800.8	1800.1	1800.3	1771.3
17.5°	1880.8	1833.9	1814.5	1814.9	1814.5	1833.9	1880.8	1834.0	1867.2	1882.5	1874.8
15°	2146.3	2164.0	2231.5	2268.0	2231.5	2164.0	2146.3	2196.9	2151.9	2162.4	2122.3
12.5°	2317.7	2311.4	2303.4	2314.3	2303.4	2311.4	2317.7	2319.3	2328.2	2332.9	2320.9
10°	2325.7	2324.9	2310.6	2326.2	2310.6	2324.9	2325.7	2330.5	2341.7	2349.7	2335.9
7.5°	2320.8	2321.2	2315.1	2330.3	2315.1	2321.2	2320.8	2333.4	2341.2	2345.9	2331.8
5°	2324.0	2313.5	2317.5	2326.2	2317.5	2313.5	2324.0	2325.2	2332.8	2338.3	2330.0
2.5°	2315.0	2313.9	2306.2	2312.3	2306.2	2313.9	2315.0	2319.8	2324.2	2326.7	2326.8
0°	2308.2	2302.5	2302.5	2307.6	2302.5	2302.5	2308.2	2316.9	2324.6	2331.3	2333.9
-2.5°	2320.3	2319.1	2318.4	2314.8	2318.4	2319.1	2320.3	2324.2	2328.1	2331.4	2332.6
-5°	2330.3	2327.3	2318.9	2330.3	2318.9	2327.3	2330.3	2334.6	2341.1	2345.7	2344.4
-7.5°	2341.1	2333.3	2325.3	2343.2	2325.3	2333.3	2341.1	2344.6	2352.2	2358.4	2357.8
-10°	2350.9	2339.6	2331.9	2349.3	2331.9	2339.6	2350.9	2358.9	2365.4	2371.2	2372.3
-12.5°	2363.9	2350.7	2345.5	2355.0	2345.5	2350.7	2363.9	2373.1	2380.2	2384.5	2382.8
-15°	2377.8	2368.7	2367.4	2373.0	2367.4	2368.7	2377.8	2387.4	2393.0	2396.5	2390.2
-17.5°	2390.0	2383.5	2386.7	2393.1	2386.7	2383.5	2390.0	2397.8	2402.5	2403.9	2395.2
-20°	2395.8	2392.2	2395.8	2411.6	2395.8	2392.2	2395.8	2400.8	2403.9	2403.1	2390.5



REPORT NUMBER: P645357 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-727-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2395.3	2395.5	2401.8	2407.0	2401.8	2395.5	2395.3	2397.9	2397.7	2393.8	2372.6
-25°	2386.2	2391.0	2398.2	2408.6	2398.2	2391.0	2386.2	2385.9	2382.8	2372.5	2351.0
-27.5°	2364.1	2372.1	2379.7	2390.5	2379.7	2372.1	2364.1	2361.0	2355.4	2341.2	2323.8
-30°	2332.2	2341.8	2348.5	2360.2	2348.5	2341.8	2332.2	2326.4	2317.6	2301.4	2275.1
-32.5°	2293.5	2304.2	2312.2	2320.5	2312.2	2304.2	2293.5	2284.6	2275.2	2256.6	2220.2
-35°	2245.0	2256.6	2265.0	2272.6	2265.0	2256.6	2245.0	2233.3	2221.5	2205.5	2164.1
-37.5°	2186.7	2199.2	2208.9	2217.5	2208.9	2199.2	2186.7	2172.7	2160.3	2144.8	2104.6
-40°	2118.8	2131.7	2142.0	2151.6	2142.0	2131.7	2118.8	2102.8	2088.8	2070.7	2035.8
-42.5°	2039.5	2052.5	2063.1	2072.9	2063.1	2052.5	2039.5	2022.5	2005.2	1983.4	1953.2
-45°	1947.9	1961.2	1972.4	1982.8	1972.4	1961.2	1947.9	1930.1	1908.0	1879.6	1843.6
-47.5°	1842.3	1856.6	1866.2	1871.0	1866.2	1856.6	1842.3	1823.4	1797.7	1764.5	1725.2
-50°	1721.3	1735.6	1747.2	1755.7	1747.2	1735.6	1721.3	1702.5	1676.5	1640.5	1598.9
-52.5°	1588.2	1601.8	1611.7	1617.7	1611.7	1601.8	1588.2	1569.9	1544.7	1506.2	1462.3
-55°	1442.4	1456.7	1466.1	1470.5	1466.1	1456.7	1442.4	1423.5	1399.4	1360.2	1316.9
-57.5°	1277.1	1290.6	1300.6	1306.2	1300.6	1290.6	1277.1	1258.6	1235.4	1198.5	1156.9
-60°	1094.1	1106.2	1113.8	1116.8	1113.8	1106.2	1094.1	1077.3	1055.6	1023.2	984.9
-62.5°	907.0	918.4	925.5	928.3	925.5	918.4	907.0	891.7	872.7	846.1	814.2
-65°	722.0	729.1	733.1	733.7	733.1	729.1	722.0	711.2	696.8	676.4	651.6
-67.5°	557.0	562.5	565.8	566.9	565.8	562.5	557.0	549.5	540.0	527.9	512.7
-70°	437.0	440.8	442.9	443.3	442.9	440.8	437.0	431.4	423.8	413.7	401.3
-72.5°	325.8	328.5	327.6	325.4	327.6	328.5	325.8	322.0	317.1	311.4	305.6
-75°	254.2	257.2	255.9	253.8	255.9	257.2	254.2	250.7	246.5	241.9	236.6
-77.5°	203.1	205.8	204.4	202.3	204.4	205.8	203.1	199.9	196.2	192.1	187.3
-80°	145.0	146.6	147.7	148.3	147.7	146.6	145.0	143.0	140.7	138.2	136.3
-82.5°	74.2	72.1	70.7	69.0	70.7	72.1	74.2	76.0	77.4	78.2	78.7
-85°	21.0	20.5	20.8	21.1	20.8	20.5	21.0	21.4	21.8	22.1	23.9
-87.5°	6.0	6.2	6.2	6.2	6.2	6.2	6.0	5.9	5.7	5.5	5.6
-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: P645357 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.2	0.3	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
85°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
82.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
80°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
77.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
72.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
70°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6
67.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6
65°	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6
62.5°	1.0	1.1	1.1	1.1	1.1	1.4	1.3	1.3	1.2	1.4	2.0
60°	2.4	1.9	2.9	3.2	2.8	4.7	8.1	7.3	2.2	8.5	10.0
57.5°	34.1	28.3	59.3	59.1	24.7	33.4	44.7	29.5	19.3	28.3	30.0
55°	237.6	217.6	189.2	186.2	196.0	148.9	124.5	119.8	93.8	61.0	65.1
52.5°	335.0	315.0	295.6	277.6	262.8	247.0	223.7	198.5	190.4	153.4	118.3
50°	379.0	398.4	379.3	332.7	341.0	318.4	285.6	258.9	264.4	241.6	194.8
47.5°	513.9	537.6	538.2	510.4	479.4	469.9	421.7	338.2	343.8	342.8	293.2
45°	752.5	719.5	731.8	692.7	638.0	607.8	606.1	516.8	434.0	420.6	415.7
42.5°	883.2	858.8	833.5	804.3	755.9	707.7	677.9	627.7	561.2	502.3	481.3
40°	936.0	907.6	884.0	859.8	820.9	771.5	747.5	681.5	631.5	580.5	563.5
37.5°	999.9	945.9	967.0	921.3	885.2	873.1	854.5	785.8	675.0	665.7	657.1
35°	1142.5	1092.0	1140.6	1132.0	988.1	1004.1	1016.5	932.1	816.0	753.1	754.4
32.5°	1468.0	1351.5	1315.9	1359.5	1283.8	1158.2	1160.0	1134.3	975.9	884.4	844.3
30°	1585.8	1534.1	1478.0	1470.4	1414.1	1341.5	1295.3	1233.5	1118.2	1013.8	945.0
27.5°	1636.6	1589.7	1542.5	1506.1	1473.5	1424.2	1364.0	1291.4	1209.3	1115.7	1049.0
25°	1672.9	1620.3	1579.6	1539.4	1504.4	1467.0	1405.5	1334.8	1258.3	1182.8	1111.2
22.5°	1702.0	1653.0	1609.3	1566.0	1537.5	1497.4	1442.1	1369.1	1317.7	1269.7	1176.6
20°	1733.9	1686.7	1637.4	1639.5	1597.5	1530.5	1477.4	1441.0	1434.0	1380.0	1259.7
17.5°	1872.3	1742.5	1766.6	1812.4	1720.0	1598.3	1579.3	1581.4	1559.1	1508.8	1359.3
15°	2168.8	1981.3	1983.0	2014.5	1914.4	1764.8	1730.3	1726.1	1691.0	1635.4	1464.4
12.5°	2262.2	2199.6	2188.1	2141.2	2042.8	1931.1	1890.2	1868.1	1803.7	1696.2	1540.1
10°	2293.7	2257.5	2209.3	2162.0	2102.3	2057.4	1999.2	1918.7	1827.2	1723.5	1596.5
7.5°	2297.5	2259.9	2221.0	2176.0	2123.6	2070.9	2013.4	1933.3	1844.9	1743.2	1636.2
5°	2295.3	2257.8	2221.8	2178.7	2125.6	2074.5	2022.4	1943.2	1856.8	1756.1	1662.3
2.5°	2289.7	2251.7	2217.5	2178.4	2125.4	2076.2	2027.9	1953.9	1865.4	1766.7	1671.1
0°	2297.9	2260.3	2227.8	2184.1	2136.2	2079.0	2030.6	1964.7	1869.5	1773.7	1674.4
-2.5°	2301.4	2262.6	2232.8	2183.5	2143.8	2085.4	2036.4	1972.7	1877.3	1786.1	1682.3
-5°	2319.9	2281.3	2242.5	2193.0	2151.3	2096.7	2041.6	1976.0	1883.1	1792.9	1685.9
-7.5°	2332.1	2293.0	2247.8	2199.8	2157.9	2105.8	2044.7	1976.3	1888.5	1792.8	1687.6
-10°	2339.8	2298.8	2254.2	2205.1	2161.8	2108.2	2043.7	1974.6	1887.4	1788.6	1683.8
-12.5°	2350.5	2304.5	2258.5	2202.7	2159.3	2104.3	2039.8	1970.7	1879.3	1780.7	1674.2
-15°	2354.6	2307.2	2253.5	2198.9	2151.4	2097.9	2031.3	1959.0	1865.2	1768.6	1658.5
-17.5°	2356.2	2302.4	2245.2	2192.7	2141.6	2084.8	2014.6	1937.6	1847.1	1747.4	1637.7
-20°	2354.9	2292.3	2233.4	2176.3	2122.7	2065.0	1992.5	1916.3	1821.2	1719.8	1610.8



REPORT NUMBER: P645357 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-727-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2330.9	2274.2	2214.5	2152.6	2099.9	2038.8	1967.8	1888.9	1787.6	1689.5	1576.6
-25°	2304.4	2247.1	2185.5	2127.9	2071.8	2011.1	1938.1	1848.7	1752.5	1650.4	1535.0
-27.5°	2273.2	2212.9	2149.3	2090.7	2031.4	1971.6	1896.2	1806.2	1713.5	1601.9	1489.9
-30°	2230.9	2168.8	2103.9	2036.9	1982.7	1921.7	1847.2	1759.7	1660.2	1550.0	1443.4
-32.5°	2173.6	2115.1	2050.3	1986.5	1929.9	1866.0	1790.8	1703.9	1599.4	1495.2	1384.3
-35°	2115.4	2054.8	1992.9	1932.9	1873.3	1806.3	1729.6	1635.1	1535.2	1431.9	1316.8
-37.5°	2048.9	1985.8	1927.6	1870.6	1809.1	1740.5	1655.7	1564.4	1467.0	1353.6	1244.0
-40°	1977.4	1916.6	1853.1	1796.7	1731.2	1661.9	1580.0	1491.3	1384.2	1272.0	1169.0
-42.5°	1892.5	1831.8	1766.4	1703.7	1639.9	1574.1	1500.1	1404.1	1298.0	1192.2	1085.2
-45°	1790.0	1729.3	1665.0	1600.3	1540.7	1476.7	1407.9	1305.5	1200.7	1099.9	997.3
-47.5°	1674.7	1615.8	1553.8	1489.7	1433.0	1368.8	1284.9	1189.7	1096.9	1001.0	895.9
-50°	1549.5	1493.4	1436.1	1376.6	1313.0	1240.5	1160.0	1076.9	985.0	886.5	790.6
-52.5°	1412.6	1361.3	1307.2	1250.1	1184.3	1112.4	1037.0	948.8	857.1	773.5	686.2
-55°	1269.8	1219.2	1165.7	1108.6	1047.2	976.1	898.0	817.8	742.9	665.6	599.0
-57.5°	1111.8	1063.8	1012.9	958.9	902.3	836.2	767.6	699.5	640.2	580.2	519.7
-60°	942.9	898.1	854.8	807.0	754.7	697.8	647.8	597.5	547.2	499.3	450.6
-62.5°	779.3	741.8	702.9	664.1	624.4	583.3	541.8	503.0	463.4	422.8	386.9
-65°	624.7	596.2	565.5	538.6	510.5	480.7	447.4	417.0	388.2	358.4	327.9
-67.5°	495.0	474.6	452.9	431.7	412.4	391.8	368.4	343.8	321.0	298.9	276.5
-70°	388.3	374.9	360.7	345.3	329.8	314.3	297.1	279.0	260.7	244.2	228.4
-72.5°	298.0	288.7	278.0	266.9	255.0	244.4	232.7	220.5	208.0	195.5	183.6
-75°	230.6	223.9	216.5	208.2	198.1	186.2	177.4	171.4	163.9	154.8	144.8
-77.5°	182.4	177.5	172.2	165.1	157.7	150.2	142.7	135.3	128.0	121.1	114.8
-80°	134.2	131.9	129.0	123.1	117.2	111.3	105.7	101.2	97.0	92.3	86.5
-82.5°	78.8	78.5	77.7	74.4	71.1	67.8	64.7	61.5	58.1	54.6	51.0
-85°	25.5	26.9	28.0	28.6	28.9	29.0	28.8	27.9	27.0	25.9	24.6
-87.5°	5.6	5.6	5.6	5.8	6.0	6.2	6.3	6.6	6.9	7.1	7.3
-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: P645357 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-727-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.3	0.3
85°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.5	0.5
82.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.8	0.8
80°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.8	0.9
77.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.8	0.9
75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.7	0.8	0.9
72.5°	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.7	0.8	0.9
70°	0.6	0.5	0.5	0.6	0.7	0.8	0.8	0.8	0.7	0.8	0.9
67.5°	0.7	0.8	0.7	0.7	0.7	0.8	1.0	1.1	1.1	0.8	0.9
65°	0.8	0.9	1.0	1.4	1.3	0.9	1.0	2.0	1.6	1.3	1.0
62.5°	1.7	0.9	3.2	4.3	2.4	1.9	1.5	4.5	2.8	1.9	1.4
60°	4.0	3.3	9.0	14.5	10.1	3.4	5.0	7.8	7.1	2.5	1.9
57.5°	26.5	10.6	18.8	27.2	26.7	14.5	10.5	14.1	12.1	7.0	2.7
55°	59.1	49.1	41.1	41.0	44.3	35.7	23.2	22.8	18.8	13.0	4.5
52.5°	102.8	94.9	87.1	68.1	61.1	58.2	45.4	33.1	29.4	19.5	11.3
50°	160.1	143.5	134.7	117.6	85.5	77.6	67.1	51.7	41.3	27.9	19.1
47.5°	226.1	198.6	180.2	167.3	136.5	98.9	88.1	70.8	54.3	40.2	27.2
45°	323.1	256.7	228.6	209.6	187.3	139.1	110.2	89.3	70.8	53.9	35.8
42.5°	420.6	331.9	279.3	251.5	226.6	184.4	133.9	110.6	86.9	67.9	46.6
40°	506.6	409.5	332.7	296.9	265.1	228.2	172.3	133.4	102.7	82.3	58.9
37.5°	610.1	497.8	394.2	344.5	306.1	264.8	211.1	157.2	121.6	97.4	71.2
35°	710.3	612.1	463.0	402.0	351.8	302.4	248.6	185.4	144.9	112.8	83.5
32.5°	817.8	719.6	566.8	466.3	399.1	340.7	283.6	219.6	168.2	128.4	95.8
30°	902.5	790.4	658.0	530.6	450.5	383.5	318.6	252.4	191.7	144.0	108.2
27.5°	947.4	851.6	729.9	602.2	508.4	427.4	354.6	283.8	215.1	161.3	121.1
25°	993.9	894.8	781.3	664.9	565.6	473.9	390.5	313.8	240.6	180.7	133.9
22.5°	1049.4	931.5	824.7	714.5	624.5	521.0	428.2	344.0	266.2	199.8	146.5
20°	1105.1	965.6	867.5	782.1	682.4	572.0	467.5	373.6	290.3	218.3	158.8
17.5°	1163.6	1027.4	940.1	848.0	740.1	621.4	506.3	402.2	312.9	236.3	170.7
15°	1265.5	1120.0	1013.3	912.1	797.5	668.9	544.1	429.7	334.0	253.6	181.8
12.5°	1358.0	1206.2	1086.5	974.2	853.9	714.2	580.6	455.9	353.6	267.4	191.7
10°	1434.5	1286.1	1158.8	1033.7	908.7	756.9	615.4	477.2	365.3	277.6	200.8
7.5°	1497.2	1360.0	1229.4	1090.4	955.7	784.9	632.9	489.6	374.4	286.4	209.2
5°	1542.5	1409.3	1266.9	1110.1	970.4	796.4	644.8	499.8	381.7	293.7	216.7
2.5°	1555.5	1424.4	1280.9	1120.9	980.4	803.8	653.3	507.5	387.3	299.6	223.3
0°	1563.1	1434.4	1289.7	1127.6	985.5	807.3	658.5	512.8	391.3	304.3	229.1
-2.5°	1573.7	1443.0	1298.2	1144.7	988.9	818.1	661.4	516.3	396.3	306.0	232.5
-5°	1579.1	1446.4	1302.3	1156.2	988.0	824.6	661.0	517.4	399.6	306.5	234.9
-7.5°	1576.7	1445.2	1302.5	1159.8	983.5	826.1	657.5	516.2	401.0	306.1	236.5
-10°	1569.6	1439.4	1297.5	1150.4	979.4	820.2	651.1	512.9	400.2	304.8	237.1
-12.5°	1558.8	1428.4	1287.4	1137.0	970.8	808.2	643.5	507.3	396.9	302.7	236.7
-15°	1544.8	1412.5	1271.9	1120.0	956.7	792.2	632.2	499.1	390.6	300.3	235.3
-17.5°	1526.8	1391.7	1251.1	1099.8	936.8	772.3	617.0	488.5	382.8	297.3	232.5
-20°	1494.6	1363.8	1224.7	1076.8	911.1	748.8	597.8	475.4	373.4	293.2	228.4

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REPORT NUMBER: P645357 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2B-727-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1458.5	1329.2	1191.7	1045.9	880.0	721.8	574.6	459.8	362.6	287.8	223.6
-25°	1420.0	1290.4	1153.4	1003.0	845.7	693.2	551.4	441.8	350.4	281.1	217.9
-27.5°	1374.8	1246.3	1109.9	955.8	805.9	660.1	529.2	425.8	338.7	273.1	211.5
-30°	1323.9	1194.5	1055.7	905.4	762.2	621.8	504.2	408.8	328.7	264.4	204.3
-32.5°	1265.7	1137.4	995.6	853.9	716.1	581.1	476.6	390.6	317.2	255.2	197.7
-35°	1199.4	1071.0	931.8	798.5	667.2	548.2	449.7	371.3	304.1	245.2	190.8
-37.5°	1130.3	999.8	868.1	740.7	615.3	512.7	425.5	352.1	289.6	234.5	183.1
-40°	1051.4	926.4	801.2	681.1	570.3	474.5	399.3	333.3	275.8	223.1	174.6
-42.5°	970.2	849.5	731.5	618.1	525.9	443.4	371.8	312.9	261.2	212.1	165.5
-45°	882.5	768.3	657.3	565.0	480.8	410.5	347.8	291.9	245.7	200.8	156.1
-47.5°	790.1	682.7	589.9	509.7	442.4	377.4	322.2	273.7	229.4	188.7	146.6
-50°	692.3	603.0	527.8	461.6	401.0	347.6	296.7	254.6	214.5	175.4	136.7
-52.5°	605.5	534.0	471.7	415.0	364.5	316.3	274.8	235.0	199.1	162.7	126.3
-55°	531.1	472.5	420.0	372.8	328.4	289.4	252.0	217.6	183.3	149.8	115.8
-57.5°	466.9	415.7	373.7	332.7	296.0	262.7	231.2	199.9	168.2	136.6	107.5
-60°	405.3	367.0	329.7	296.7	265.6	237.4	211.6	182.2	152.9	123.3	98.3
-62.5°	352.0	319.4	291.1	262.4	236.5	213.6	191.9	164.8	137.1	111.1	88.3
-65°	302.1	277.0	253.0	230.0	208.6	189.1	171.6	147.0	121.3	98.1	77.9
-67.5°	254.7	235.8	216.9	197.7	180.8	165.0	150.1	127.8	104.8	84.4	67.6
-70°	212.3	196.2	181.4	167.1	153.4	140.3	126.1	107.4	87.6	72.2	57.0
-72.5°	172.3	160.5	148.2	136.5	126.4	114.8	101.8	87.2	73.4	59.7	46.2
-75°	135.3	127.5	118.9	109.5	100.1	89.8	81.2	71.0	58.9	47.0	37.2
-77.5°	108.3	100.7	92.0	84.6	78.3	71.2	63.4	54.5	45.0	36.6	28.8
-80°	79.9	74.1	69.2	64.9	59.0	52.6	46.1	39.7	32.7	26.2	20.2
-82.5°	48.7	47.5	46.1	44.1	39.3	34.5	29.8	25.2	20.2	15.7	13.0
-85°	24.4	23.9	23.2	22.1	19.1	16.2	14.9	13.5	11.8	10.2	8.7
-87.5°	8.0	8.6	9.1	9.5	8.8	8.1	7.4	6.8	5.9	5.1	4.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.3	0.2	0.2	0.1	0.1	0.1	0.0
85°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
82.5°	0.8	0.6	0.5	0.4	0.3	0.2	0.0
80°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
77.5°	1.0	1.0	0.9	0.6	0.4	0.3	0.0
75°	1.0	1.0	1.0	0.8	0.5	0.3	0.0
72.5°	1.0	1.1	1.1	0.9	0.6	0.4	0.0
70°	1.1	1.1	1.1	1.0	0.7	0.4	0.0
67.5°	1.2	1.2	1.2	1.1	0.8	0.5	0.0
65°	1.4	1.3	1.2	1.1	0.9	0.5	0.0
62.5°	1.6	1.7	1.3	1.2	1.0	0.6	0.0
60°	1.9	2.0	1.3	1.2	1.1	0.6	0.0
57.5°	3.5	2.5	1.7	1.3	1.1	0.7	0.0
55°	5.6	2.9	2.2	1.3	1.2	0.7	0.0
52.5°	8.1	3.8	2.6	1.4	1.2	0.8	0.0
50°	10.9	6.4	3.1	1.4	1.3	0.8	0.0
47.5°	14.6	9.2	3.6	1.6	1.4	0.9	0.0
45°	22.0	12.3	4.1	2.0	1.4	0.9	0.0
42.5°	29.7	15.5	4.7	2.4	1.5	1.0	0.0
40°	37.4	19.0	6.3	2.9	1.6	1.0	0.0
37.5°	45.4	22.6	9.0	3.5	1.6	1.1	0.0
35°	53.4	28.0	11.7	4.2	1.7	1.1	0.0
32.5°	62.1	34.4	14.4	5.0	1.8	1.2	0.0
30°	72.1	40.7	17.2	5.8	1.8	1.2	0.0
27.5°	81.9	46.9	20.7	6.7	1.9	1.2	0.0
25°	91.4	53.0	24.2	7.6	2.0	1.3	0.0
22.5°	100.7	59.3	27.7	8.5	2.0	1.3	0.0
20°	109.7	66.0	31.2	9.5	2.1	1.3	0.0
17.5°	118.5	72.5	34.6	10.5	2.2	1.4	0.0
15°	127.1	78.7	37.9	11.5	2.3	1.4	0.0
12.5°	135.0	84.6	41.2	12.5	2.3	1.4	0.0
10°	142.4	90.2	44.2	13.5	2.4	1.4	0.0
7.5°	149.2	95.5	47.2	14.5	2.4	1.5	0.0
5°	155.4	100.3	49.9	15.4	2.5	1.5	0.0
2.5°	160.9	104.7	52.4	16.2	2.5	1.5	0.0
0°	165.8	108.6	54.6	17.0	2.6	1.5	0.0
-2.5°	168.2	111.1	56.7	18.1	3.0	1.6	0.0
-5°	170.0	113.0	58.4	19.1	3.4	1.7	0.0
-7.5°	171.1	114.5	59.9	20.0	3.8	1.8	0.0
-10°	171.7	115.4	61.0	20.8	4.1	1.8	0.0
-12.5°	171.6	115.8	61.7	21.5	4.5	1.9	0.0
-15°	170.9	115.6	62.0	22.0	4.8	2.0	0.0
-17.5°	169.6	114.9	62.0	22.4	5.1	2.0	0.0
-20°	167.7	113.7	61.5	22.6	5.4	2.1	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	164.9	112.0	60.7	22.7	5.7	2.1	0.0
-25°	161.5	109.3	59.4	22.6	5.9	2.2	0.0
-27.5°	157.4	105.9	57.7	22.3	6.1	2.2	0.0
-30°	152.6	102.1	55.5	21.8	6.2	2.2	0.0
-32.5°	147.2	97.8	53.0	21.2	6.4	2.2	0.0
-35°	141.4	93.1	50.2	20.4	6.4	2.2	0.0
-37.5°	135.1	88.3	47.1	19.3	6.5	2.2	0.0
-40°	128.4	84.0	43.7	18.1	6.5	2.2	0.0
-42.5°	121.2	79.5	41.2	16.8	6.5	2.2	0.0
-45°	113.5	74.6	39.4	15.5	6.4	2.1	0.0
-47.5°	105.4	69.4	37.3	14.0	6.3	2.1	0.0
-50°	98.6	63.9	35.0	13.5	6.1	2.0	0.0
-52.5°	91.9	58.2	32.3	13.2	5.9	1.9	0.0
-55°	84.8	53.9	29.3	12.8	5.7	1.8	0.0
-57.5°	77.5	49.5	26.1	12.3	5.4	1.8	0.0
-60°	70.1	44.7	22.7	11.6	5.1	1.7	0.0
-62.5°	63.4	39.6	21.1	10.8	4.8	1.6	0.0
-65°	56.1	34.0	19.3	9.8	4.5	1.4	0.0
-67.5°	48.4	29.4	17.2	8.8	4.1	1.3	0.0
-70°	40.3	25.8	15.0	7.6	3.7	1.2	0.0
-72.5°	34.1	21.8	12.6	6.7	3.3	1.1	0.0
-75°	27.8	17.6	10.0	5.8	2.9	0.9	0.0
-77.5°	21.3	13.2	8.3	4.9	2.4	0.8	0.0
-80°	14.6	10.1	6.7	4.0	2.0	0.6	0.0
-82.5°	10.7	7.6	5.1	3.0	1.5	0.5	0.0
-85°	7.2	5.1	3.4	2.0	1.0	0.3	0.0
-87.5°	3.6	2.6	1.7	1.0	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)