

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: P559069 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-927-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559069 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA5D-927-U-MWR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQUARE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (80) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

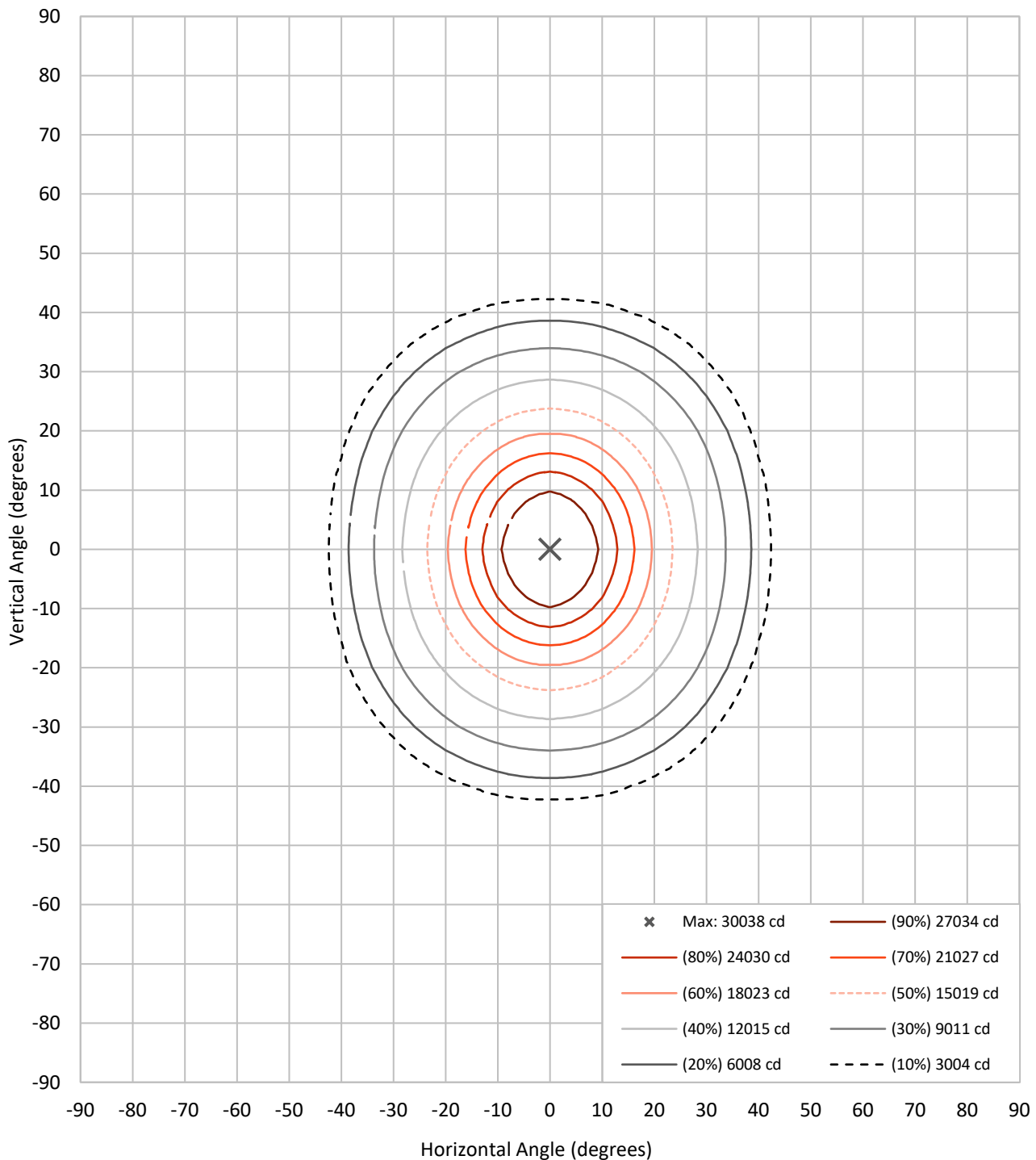
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	23382.9 lumens	Max Intensity:	30038 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	87.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	11033.6 lumens	Field Lumens:	21231.7 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 266
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





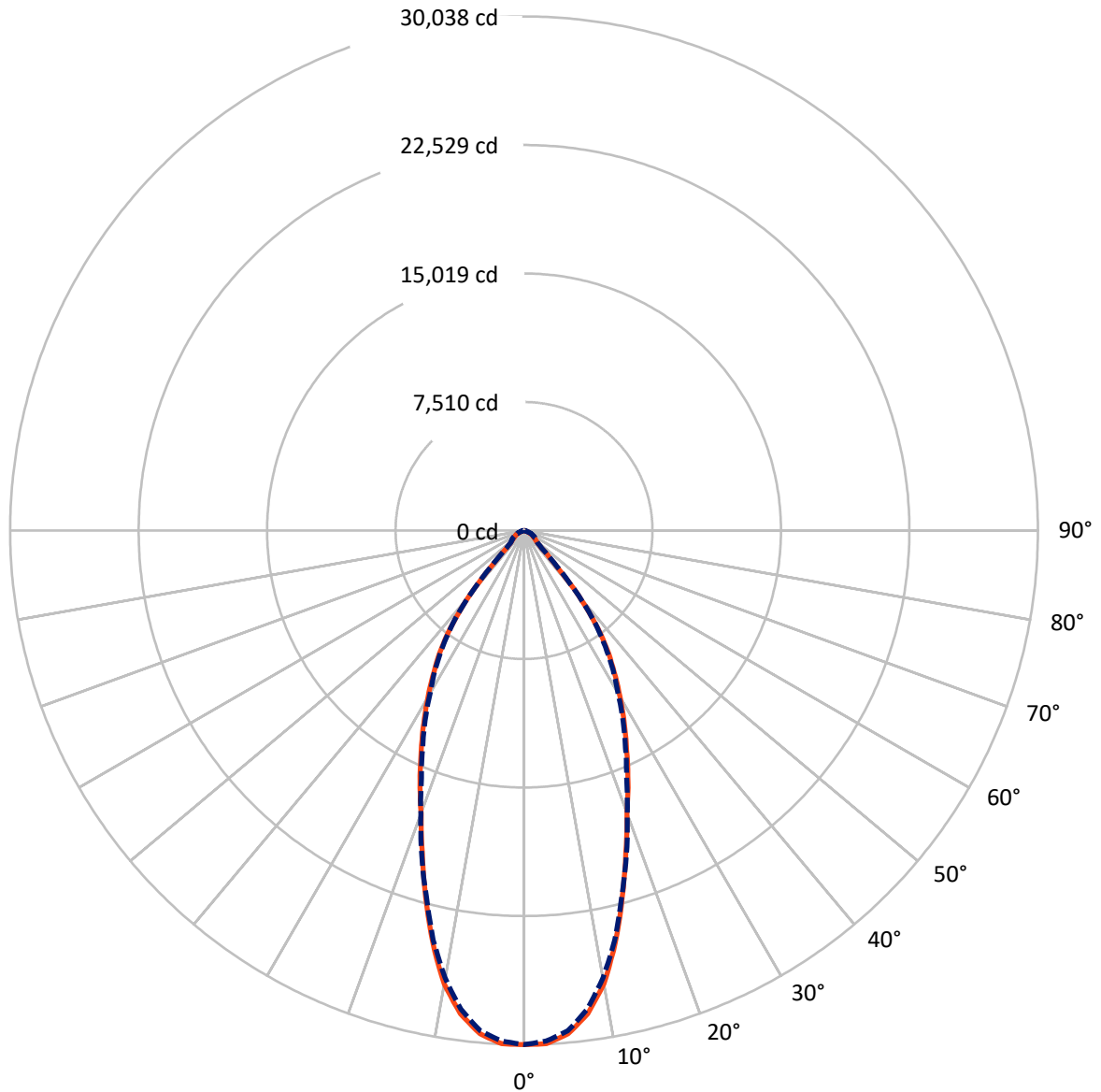
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Lumen Table

90																
80	0.4	2.9		6.4		10.5		8.2		10.5		6.4		2.9		0.4
70																
60	1.6	1.9	3.4	5.3	7.5	9.3	10.7	11.6	11.6	10.7	9.3	7.5	5.3	3.4	1.9	1.6
50		2.8	5.6	9.4	13.4	16.8	19.2	21.1	21.1	19.2	16.8	13.4	9.4	5.6	2.8	
40	2.5	3.7	7.8	13.2	19.1	26.2	41.5	58.2	58.2	41.5	26.2	19.1	13.2	7.8	3.7	2.5
30		4.5	9.8	16.4	30.8	48.5	91.9	244.5	244.5	191.9	98.5	30.8	16.4	9.8	4.5	
20	2.7	5.3	11.4	20.5	39.1	63.4	107.4	161.6	161.6	107.4	63.4	39.1	20.5	11.4	5.3	2.7
10		5.9	12.7	31.5	63.8	114.9	203.7	342.6	342.6	203.7	114.9	63.8	31.5	12.7	5.9	
0	2.9	6.3	13.8	27.4	54.6	81.9	121.0	160.8	160.8	121.0	81.9	54.6	27.4	13.8	6.3	2.9
-10		6.3	13.8	27.4	54.6	81.9	121.0	160.8	160.8	121.0	81.9	54.6	27.4	13.8	6.3	
-20	2.7	5.9	12.7	31.5	63.8	114.9	203.7	342.6	342.6	203.7	114.9	63.8	31.5	12.7	5.9	2.7
-30		5.3	11.4	20.5	39.1	63.4	107.4	161.6	161.6	107.4	63.4	39.1	20.5	11.4	5.3	
-40	2.5	4.5	9.8	16.4	30.8	48.5	91.9	144.5	144.5	91.9	48.5	30.8	16.4	9.8	4.5	2.5
-50		3.7	7.8	13.2	19.1	26.2	41.5	58.2	58.2	41.5	26.2	19.1	13.2	7.8	3.7	
-60	1.6	2.8	5.6	9.4	13.4	16.8	19.2	21.1	21.1	19.2	16.8	13.4	9.4	5.6	2.8	1.6
-70		1.9	3.4	5.3	7.5	9.3	10.7	11.6	11.6	10.7	9.3	7.5	5.3	3.4	1.9	
-80																
-90	0.4	2.9		6.4		10.5		8.2		10.5		6.4		2.9		0.4

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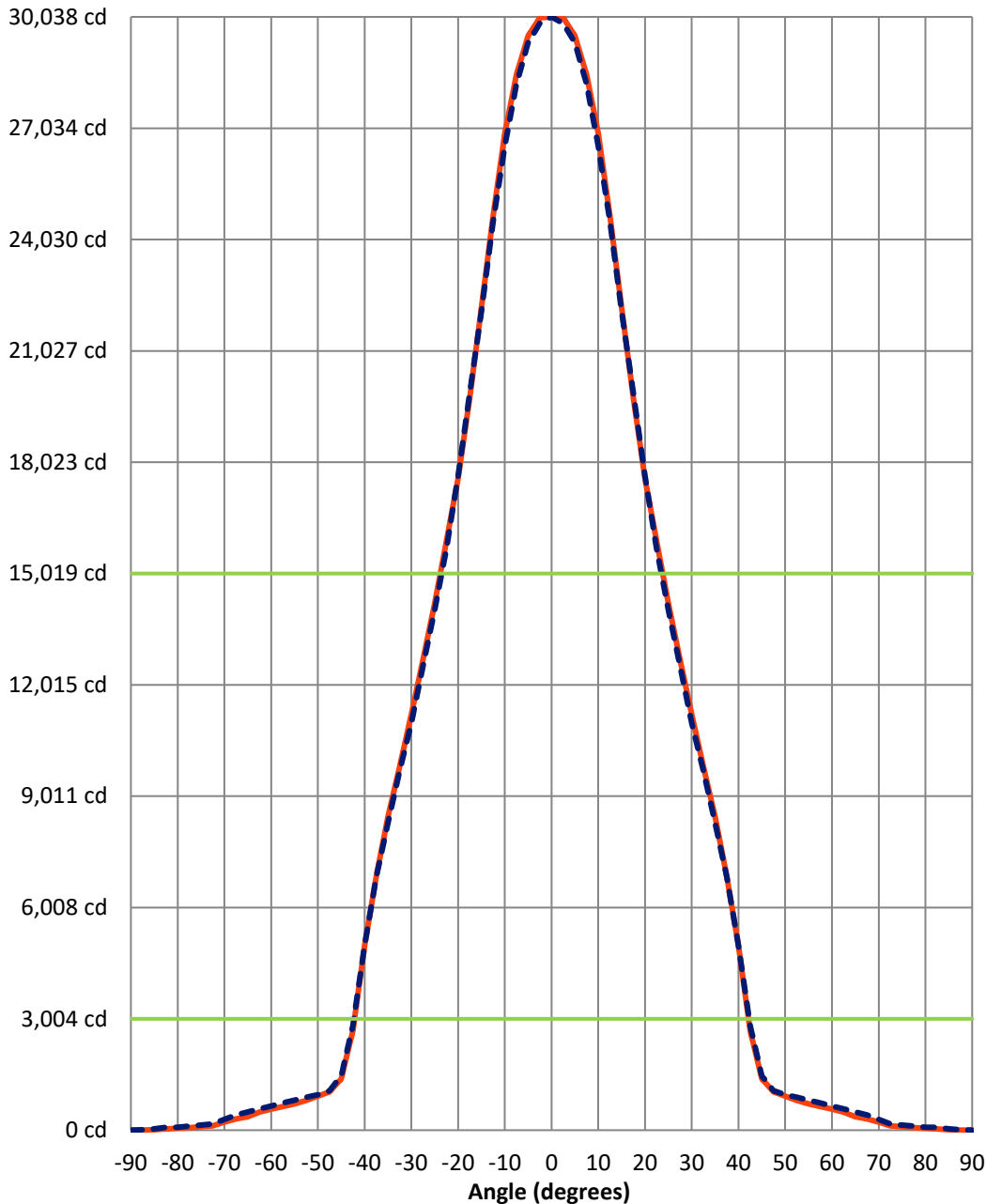
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 47°
 V Angle: 47.6°
 Lumens: 11033.6
 Efficiency: 47.2%

Field:
 H Angle: 84.6°
 V Angle: 84.3°
 Lumens: 21231.7
 Efficiency: 90.8%

Spill:
 Lumens: 2151.3
 Efficiency: 9.2%

— 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	0.5	1.0	1.6	2.4	3.2	4.1	4.6	5.0	5.4	5.7
85°	0.0	1.0	2.0	3.2	4.7	6.3	8.2	9.2	10.0	10.8	11.4
82.5°	0.0	1.5	2.9	4.8	7.0	9.5	12.2	13.7	15.5	18.5	20.8
80°	0.0	2.0	3.9	6.4	9.3	12.6	16.9	22.3	26.7	30.0	32.4
77.5°	0.0	2.4	4.9	8.0	11.6	17.1	26.4	33.0	37.9	41.6	44.9
75°	0.0	2.9	5.8	9.5	14.4	24.4	35.8	43.7	49.5	55.8	60.5
72.5°	0.0	3.4	6.8	11.0	19.7	31.6	45.0	55.2	63.9	71.0	76.3
70°	0.0	3.9	7.7	12.9	24.9	38.5	54.2	68.6	78.4	86.4	98.8
67.5°	0.0	4.3	8.6	16.4	29.9	45.3	64.9	82.0	93.0	105.8	122.2
65°	0.0	4.8	9.5	19.8	34.7	52.5	75.1	95.5	108.2	124.5	144.1
62.5°	0.0	5.2	10.4	23.1	39.4	60.1	84.9	107.6	122.8	142.4	164.4
60°	0.0	5.6	11.3	26.2	43.9	67.4	94.2	118.7	136.6	160.6	184.4
57.5°	0.0	6.1	13.3	29.3	49.0	74.3	100.6	128.5	152.0	178.5	201.9
55°	0.0	6.5	15.2	32.1	53.9	80.7	105.9	135.6	167.7	195.4	218.0
52.5°	0.0	6.9	17.0	34.8	58.5	86.3	110.5	145.4	183.0	209.7	233.8
50°	0.0	7.3	18.8	37.4	62.8	89.1	114.3	154.5	197.2	223.7	251.3
47.5°	0.0	7.6	20.6	39.9	66.7	91.3	117.8	162.4	209.4	237.4	268.5
45°	0.0	8.0	22.2	42.6	70.3	92.9	123.5	169.3	215.6	252.1	284.9
42.5°	0.0	8.3	23.8	45.1	73.6	94.0	128.3	174.1	220.4	266.2	301.7
40°	0.0	8.7	25.2	47.6	75.3	94.5	132.3	177.3	224.6	278.8	318.0
37.5°	0.0	9.0	26.6	50.3	75.5	94.5	135.3	179.5	229.3	284.9	333.5
35°	0.0	9.3	27.9	52.9	75.4	95.7	137.5	180.8	233.1	294.0	348.5
32.5°	0.0	9.5	29.1	55.5	75.0	97.2	138.6	181.1	236.3	305.1	362.1
30°	0.0	9.8	30.2	57.9	74.2	98.1	138.5	181.1	238.7	318.0	375.6
27.5°	0.0	10.0	31.3	60.3	75.0	98.4	137.7	182.3	243.3	332.5	388.7
25°	0.0	10.2	32.2	62.5	75.9	98.1	136.2	182.8	253.1	344.6	401.6
22.5°	0.0	10.4	33.0	64.7	76.6	98.3	134.0	182.5	263.3	354.6	417.5
20°	0.0	10.6	33.8	66.7	77.2	100.8	131.2	181.6	273.7	364.0	431.9
17.5°	0.0	10.8	34.4	68.5	77.7	103.1	131.4	179.9	283.9	372.6	444.7
15°	0.0	10.9	34.9	70.2	78.1	105.0	133.3	179.3	293.8	380.5	456.0
12.5°	0.0	11.0	35.4	71.8	78.4	106.7	134.9	180.1	300.6	387.5	465.7
10°	0.0	11.1	35.7	73.2	78.6	108.1	136.1	179.6	303.4	393.3	473.9
7.5°	0.0	11.2	36.0	74.4	78.8	109.1	137.0	178.2	303.7	398.9	480.9
5°	0.0	11.3	36.1	75.4	78.8	109.9	137.5	175.8	301.6	404.0	486.2
2.5°	0.0	11.3	36.1	76.1	78.9	110.3	137.7	172.8	297.3	408.0	489.7
0°	0.0	11.3	36.1	76.7	78.9	110.5	137.6	169.1	290.9	410.4	491.6
-2.5°	0.0	11.3	36.1	76.1	78.9	110.3	137.7	172.8	297.3	408.0	489.7
-5°	0.0	11.3	36.1	75.4	78.8	109.9	137.5	175.8	301.6	404.0	486.2
-7.5°	0.0	11.2	36.0	74.4	78.8	109.1	137.0	178.2	303.7	398.9	480.9
-10°	0.0	11.1	35.7	73.2	78.6	108.1	136.1	179.6	303.4	393.3	473.9
-12.5°	0.0	11.0	35.4	71.8	78.4	106.7	134.9	180.1	300.6	387.5	465.7
-15°	0.0	10.9	34.9	70.2	78.1	105.0	133.3	179.3	293.8	380.5	456.0
-17.5°	0.0	10.8	34.4	68.5	77.7	103.1	131.4	179.9	283.9	372.6	444.7
-20°	0.0	10.6	33.8	66.7	77.2	100.8	131.2	181.6	273.7	364.0	431.9



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 CATALOG NUMBER: GFLD-SA5D-927-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	10.4	33.0	64.7	76.6	98.3	134.0	182.5	263.3	354.6	417.5
-25°	0.0	10.2	32.2	62.5	75.9	98.1	136.2	182.8	253.1	344.6	401.6
-27.5°	0.0	10.0	31.3	60.3	75.0	98.4	137.7	182.3	243.3	332.5	388.7
-30°	0.0	9.8	30.2	57.9	74.2	98.1	138.5	181.1	238.7	318.0	375.6
-32.5°	0.0	9.5	29.1	55.5	75.0	97.2	138.6	181.1	236.3	305.1	362.1
-35°	0.0	9.3	27.9	52.9	75.4	95.7	137.5	180.8	233.1	294.0	348.5
-37.5°	0.0	9.0	26.6	50.3	75.5	94.5	135.3	179.5	229.3	284.9	333.5
-40°	0.0	8.7	25.2	47.6	75.3	94.5	132.3	177.3	224.6	278.8	318.0
-42.5°	0.0	8.3	23.8	45.1	73.6	94.0	128.3	174.1	220.4	266.2	301.7
-45°	0.0	8.0	22.2	42.6	70.3	92.9	123.5	169.3	215.6	252.1	284.9
-47.5°	0.0	7.6	20.6	39.9	66.7	91.3	117.8	162.4	209.4	237.4	268.5
-50°	0.0	7.3	18.8	37.4	62.8	89.1	114.3	154.5	197.2	223.7	251.3
-52.5°	0.0	6.9	17.0	34.8	58.5	86.3	110.5	145.4	183.0	209.7	233.8
-55°	0.0	6.5	15.2	32.1	53.9	80.7	105.9	135.6	167.7	195.4	218.0
-57.5°	0.0	6.1	13.3	29.3	49.0	74.3	100.6	128.5	152.0	178.5	201.9
-60°	0.0	5.6	11.3	26.2	43.9	67.4	94.2	118.7	136.6	160.6	184.4
-62.5°	0.0	5.2	10.4	23.1	39.4	60.1	84.9	107.6	122.8	142.4	164.4
-65°	0.0	4.8	9.5	19.8	34.7	52.5	75.1	95.5	108.2	124.5	144.1
-67.5°	0.0	4.3	8.6	16.4	29.9	45.3	64.9	82.0	93.0	105.8	122.2
-70°	0.0	3.9	7.7	12.9	24.9	38.5	54.2	68.6	78.4	86.4	98.8
-72.5°	0.0	3.4	6.8	11.0	19.7	31.6	45.0	55.2	63.9	71.0	76.3
-75°	0.0	2.9	5.8	9.5	14.4	24.4	35.8	43.7	49.5	55.8	60.5
-77.5°	0.0	2.4	4.9	8.0	11.6	17.1	26.4	33.0	37.9	41.6	44.9
-80°	0.0	2.0	3.9	6.4	9.3	12.6	16.9	22.3	26.7	30.0	32.4
-82.5°	0.0	1.5	2.9	4.8	7.0	9.5	12.2	13.7	15.5	18.5	20.8
-85°	0.0	1.0	2.0	3.2	4.7	6.3	8.2	9.2	10.0	10.8	11.4
-87.5°	0.0	0.5	1.0	1.6	2.4	3.2	4.1	4.6	5.0	5.4	5.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA5D-927-U-MWR-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°	5.7	5.6	5.4	5.2	4.8	4.3	3.8	3.2	3.3	3.4	3.6
85°	11.5	11.3	12.2	13.0	13.3	13.3	12.8	12.1	13.8	15.9	18.0
82.5°	22.8	24.8	26.7	28.5	28.6	28.0	27.0	25.9	29.8	34.7	39.9
80°	35.3	38.3	42.7	47.2	48.5	48.0	46.6	44.0	49.5	57.5	66.6
77.5°	50.5	56.6	62.8	68.9	70.5	69.2	66.3	61.6	68.6	81.6	95.9
75°	67.0	74.8	84.6	92.2	93.9	91.2	86.7	82.6	91.1	107.2	122.6
72.5°	87.6	100.2	109.9	116.7	117.1	114.7	112.4	110.3	119.8	138.8	154.7
70°	113.7	126.4	134.0	138.1	139.0	140.5	146.9	153.0	162.4	178.7	191.7
67.5°	139.6	149.7	156.5	161.4	171.1	180.3	189.2	198.3	208.8	222.6	232.5
65°	162.7	173.1	182.1	193.7	207.9	219.0	230.9	243.7	258.1	271.2	280.7
62.5°	185.6	196.7	209.3	224.7	241.1	256.1	273.6	291.3	308.5	323.3	339.5
60°	204.3	219.2	236.0	254.6	274.4	297.3	318.2	338.7	357.6	376.1	398.8
57.5°	222.2	242.3	262.9	285.2	311.2	339.0	363.5	386.1	409.7	436.4	458.8
55°	240.9	266.2	289.9	316.9	347.8	381.2	408.2	433.6	462.7	494.8	519.9
52.5°	261.2	289.1	316.9	349.3	386.6	419.9	448.0	479.7	515.1	549.9	579.0
50°	280.8	311.7	343.9	385.0	422.0	453.8	488.7	527.0	563.9	599.7	634.1
47.5°	300.6	333.6	376.4	418.4	453.1	490.3	531.1	570.4	609.2	646.6	682.6
45°	320.0	359.1	406.7	446.6	485.1	527.9	570.0	611.2	652.1	691.8	731.0
42.5°	338.7	384.2	432.1	473.8	518.2	562.9	606.9	650.5	693.7	736.2	778.0
40°	359.2	407.0	457.4	503.0	549.3	595.9	642.3	688.3	733.9	778.9	823.3
37.5°	378.0	430.7	483.2	530.9	578.6	627.4	675.9	724.8	772.8	819.7	870.2
35°	394.9	454.7	507.6	557.7	607.6	657.1	708.5	759.9	810.4	861.3	925.8
32.5°	413.8	478.8	530.7	583.5	635.2	686.1	739.6	793.9	847.7	907.2	999.8
30°	435.1	498.9	552.6	608.1	661.0	714.6	769.8	826.5	883.1	975.6	1189.6
27.5°	455.9	517.4	573.9	630.6	685.1	740.8	798.6	857.4	936.2	1078.5	1425.6
25°	475.1	535.2	593.8	651.3	707.6	765.2	825.1	886.2	993.2	1280.5	2047.4
22.5°	491.3	552.4	613.3	670.2	727.9	787.5	849.7	930.7	1096.0	1484.5	2739.2
20°	505.1	568.7	631.0	690.2	746.9	807.2	872.0	973.1	1252.4	2066.8	3568.2
17.5°	518.0	583.6	647.3	709.1	768.7	827.9	894.3	1009.7	1393.1	2573.0	4401.9
15°	529.8	596.8	662.5	726.9	788.6	850.2	929.5	1113.8	1677.8	3075.4	5144.4
12.5°	540.4	608.5	676.3	743.4	806.4	870.1	961.2	1217.2	2026.5	3664.9	5651.1
10°	549.7	618.5	688.7	758.3	822.2	887.6	987.9	1302.2	2313.2	4149.7	6058.4
7.5°	558.3	628.2	700.1	771.6	835.8	902.6	1009.8	1368.4	2534.7	4514.8	6383.4
5°	565.6	637.7	713.7	786.1	852.8	919.0	1028.5	1416.0	2690.2	4760.8	6620.1
2.5°	571.2	645.6	725.5	799.0	871.7	938.8	1050.0	1451.3	2790.6	4917.6	6771.5
0°	575.1	651.7	735.2	809.6	888.5	956.2	1066.7	1468.1	2827.9	4974.8	6828.5
-2.5°	571.2	645.6	725.5	799.0	871.7	938.8	1050.0	1451.3	2790.6	4917.6	6771.5
-5°	565.6	637.7	713.7	786.1	852.8	919.0	1028.5	1416.0	2690.2	4760.8	6620.1
-7.5°	558.3	628.2	700.1	771.6	835.8	902.6	1009.8	1368.4	2534.7	4514.8	6383.4
-10°	549.7	618.5	688.7	758.3	822.2	887.6	987.9	1302.2	2313.2	4149.7	6058.4
-12.5°	540.4	608.5	676.3	743.4	806.4	870.1	961.2	1217.2	2026.5	3664.9	5651.1
-15°	529.8	596.8	662.5	726.9	788.6	850.2	929.5	1113.8	1677.8	3075.4	5144.4
-17.5°	518.0	583.6	647.3	709.1	768.7	827.9	894.3	1009.7	1393.1	2573.0	4401.9
-20°	505.1	568.7	631.0	690.2	746.9	807.2	872.0	973.1	1252.4	2066.8	3568.2



REPORT NUMBER: P559069 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-927-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	491.3	552.4	613.3	670.2	727.9	787.5	849.7	930.7	1096.0	1484.5	2739.2
-25°	475.1	535.2	593.8	651.3	707.6	765.2	825.1	886.2	993.2	1280.5	2047.4
-27.5°	455.9	517.4	573.9	630.6	685.1	740.8	798.6	857.4	936.2	1078.5	1425.6
-30°	435.1	498.9	552.6	608.1	661.0	714.6	769.8	826.5	883.1	975.6	1189.6
-32.5°	413.8	478.8	530.7	583.5	635.2	686.1	739.6	793.9	847.7	907.2	999.8
-35°	394.9	454.7	507.6	557.7	607.6	657.1	708.5	759.9	810.4	861.3	925.8
-37.5°	378.0	430.7	483.2	530.9	578.6	627.4	675.9	724.8	772.8	819.7	870.2
-40°	359.2	407.0	457.4	503.0	549.3	595.9	642.3	688.3	733.9	778.9	823.3
-42.5°	338.7	384.2	432.1	473.8	518.2	562.9	606.9	650.5	693.7	736.2	778.0
-45°	320.0	359.1	406.7	446.6	485.1	527.9	570.0	611.2	652.1	691.8	731.0
-47.5°	300.6	333.6	376.4	418.4	453.1	490.3	531.1	570.4	609.2	646.6	682.6
-50°	280.8	311.7	343.9	385.0	422.0	453.8	488.7	527.0	563.9	599.7	634.1
-52.5°	261.2	289.1	316.9	349.3	386.6	419.9	448.0	479.7	515.1	549.9	579.0
-55°	240.9	266.2	289.9	316.9	347.8	381.2	408.2	433.6	462.7	494.8	519.9
-57.5°	222.2	242.3	262.9	285.2	311.2	339.0	363.5	386.1	409.7	436.4	458.8
-60°	204.3	219.2	236.0	254.6	274.4	297.3	318.2	338.7	357.6	376.1	398.8
-62.5°	185.6	196.7	209.3	224.7	241.1	256.1	273.6	291.3	308.5	323.3	339.5
-65°	162.7	173.1	182.1	193.7	207.9	219.0	230.9	243.7	258.1	271.2	280.7
-67.5°	139.6	149.7	156.5	161.4	171.1	180.3	189.2	198.3	208.8	222.6	232.5
-70°	113.7	126.4	134.0	138.1	139.0	140.5	146.9	153.0	162.4	178.7	191.7
-72.5°	87.6	100.2	109.9	116.7	117.1	114.7	112.4	110.3	119.8	138.8	154.7
-75°	67.0	74.8	84.6	92.2	93.9	91.2	86.7	82.6	91.1	107.2	122.6
-77.5°	50.5	56.6	62.8	68.9	70.5	69.2	66.3	61.6	68.6	81.6	95.9
-80°	35.3	38.3	42.7	47.2	48.5	48.0	46.6	44.0	49.5	57.5	66.6
-82.5°	22.8	24.8	26.7	28.5	28.6	28.0	27.0	25.9	29.8	34.7	39.9
-85°	11.5	11.3	12.2	13.0	13.3	13.3	12.8	12.1	13.8	15.9	18.0
-87.5°	5.7	5.6	5.4	5.2	4.8	4.3	3.8	3.2	3.3	3.4	3.6
-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: P559069 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-927-U-MWR-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°	3.7	3.8	3.9	4.0	4.1	4.2	4.2	4.3	4.3	3.9	3.4
85°	20.3	19.7	18.6	17.2	15.5	16.4	17.4	18.3	19.2	17.9	16.5
82.5°	45.5	46.1	46.1	46.0	45.7	47.7	49.6	51.3	52.7	48.7	44.0
80°	76.6	80.3	82.4	84.4	86.1	86.1	84.9	82.9	80.1	73.2	65.7
77.5°	110.8	116.5	119.3	122.2	125.2	126.2	126.9	127.7	128.5	116.6	101.5
75°	137.4	145.9	150.8	155.4	159.7	162.2	163.5	164.4	164.8	150.4	131.9
72.5°	167.5	175.9	181.9	187.6	192.9	196.3	198.4	199.9	200.9	188.4	170.7
70°	200.9	207.4	214.6	221.6	228.1	232.6	235.5	237.9	239.6	238.4	237.5
67.5°	240.2	246.1	254.7	261.4	268.3	273.1	278.1	282.1	285.1	288.5	292.2
65°	289.6	303.5	316.2	322.6	323.6	330.5	341.9	349.3	353.0	356.0	359.7
62.5°	358.3	375.2	384.2	395.0	408.9	421.8	426.7	433.5	441.4	451.0	462.0
60°	417.1	431.1	445.6	460.4	473.2	483.9	495.5	507.1	517.6	527.2	536.6
57.5°	477.3	492.6	507.3	524.8	536.9	544.1	555.5	569.3	580.0	588.3	601.0
55°	539.7	559.4	579.4	595.2	606.7	614.3	622.9	636.2	644.1	647.2	661.8
52.5°	602.4	625.8	650.4	668.9	681.1	692.5	703.0	714.7	722.8	726.6	740.9
50°	660.5	688.4	715.9	740.0	756.2	775.1	796.5	807.0	813.8	821.4	837.3
47.5°	715.8	747.0	776.4	803.5	827.0	848.2	866.6	884.3	910.5	931.3	951.8
45°	769.0	802.2	834.1	864.5	890.7	932.2	971.8	1005.4	1095.5	1171.1	1228.8
42.5°	819.0	859.1	895.0	945.8	1001.1	1097.0	1245.1	1382.3	1647.8	1989.6	2275.0
40°	871.2	923.2	987.5	1086.4	1273.7	1466.1	2041.7	2554.5	3058.8	3632.5	4124.0
37.5°	932.0	1010.4	1198.8	1422.5	2022.8	2686.9	3502.5	4303.1	5000.2	5596.7	6094.8
35°	1012.7	1254.9	1607.0	2421.8	3308.8	4397.6	5337.6	6090.5	6779.2	7331.9	7747.9
32.5°	1250.3	1693.4	2623.5	3744.2	4964.3	6016.1	6931.7	7652.7	8280.9	8776.2	9161.9
30°	1598.2	2616.7	3879.9	5222.1	6437.3	7441.7	8287.6	8974.8	9535.6	10039.6	10462.8
27.5°	2424.9	3735.5	5220.3	6589.2	7694.6	8634.9	9393.8	10074.5	10692.7	11223.5	11723.8
25°	3329.5	4952.1	6449.7	7695.6	8727.1	9609.3	10409.7	11154.3	11846.4	12467.6	13049.6
22.5°	4416.0	6034.2	7465.4	8618.5	9618.1	10524.4	11374.6	12203.2	13008.9	13766.9	14471.0
20°	5399.7	6987.8	8235.8	9387.5	10426.0	11370.4	12307.3	13273.2	14202.9	15116.0	15963.9
17.5°	6166.2	7643.6	8896.6	10063.9	11121.0	12190.5	13262.8	14372.1	15493.6	16554.0	17568.2
15°	6806.3	8190.7	9460.5	10627.7	11790.0	12970.0	14167.9	15474.7	16808.8	18077.9	19370.7
12.5°	7260.0	8647.3	9934.6	11105.7	12408.9	13689.8	15084.2	16573.6	18114.3	19592.7	21180.6
10°	7624.8	9011.5	10288.0	11550.8	12929.8	14350.1	15914.2	17554.6	19393.1	21143.6	22854.6
7.5°	7937.9	9315.4	10571.9	11913.7	13363.3	14924.5	16625.5	18480.1	20469.7	22417.6	24454.2
5°	8166.9	9522.5	10792.6	12211.3	13696.6	15344.1	17174.1	19155.8	21289.6	23423.9	25437.9
2.5°	8288.1	9640.6	10929.8	12395.9	13892.1	15598.2	17504.2	19604.8	21858.5	24187.4	26173.1
0°	8285.3	9690.2	10982.4	12520.4	14035.8	15675.3	17646.2	19892.3	22091.0	24510.8	26549.4
-2.5°	8288.1	9640.6	10929.8	12395.9	13892.1	15598.2	17504.2	19604.8	21858.5	24187.4	26173.1
-5°	8166.9	9522.5	10792.6	12211.3	13696.6	15344.1	17174.1	19155.8	21289.6	23423.9	25437.9
-7.5°	7937.9	9315.4	10571.9	11913.7	13363.3	14924.5	16625.5	18480.1	20469.7	22417.6	24454.2
-10°	7624.8	9011.5	10288.0	11550.8	12929.8	14350.1	15914.2	17554.6	19393.1	21143.6	22854.6
-12.5°	7260.0	8647.3	9934.6	11105.7	12408.9	13689.8	15084.2	16573.6	18114.3	19592.7	21180.6
-15°	6806.3	8190.7	9460.5	10627.7	11790.0	12970.0	14167.9	15474.7	16808.8	18077.9	19370.7
-17.5°	6166.2	7643.6	8896.6	10063.9	11121.0	12190.5	13262.8	14372.1	15493.6	16554.0	17568.2
-20°	5399.7	6987.8	8235.8	9387.5	10426.0	11370.4	12307.3	13273.2	14202.9	15116.0	15963.9



REPORT NUMBER: P559069 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-927-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4416.0	6034.2	7465.4	8618.5	9618.1	10524.4	11374.6	12203.2	13008.9	13766.9	14471.0
-25°	3329.5	4952.1	6449.7	7695.6	8727.1	9609.3	10409.7	11154.3	11846.4	12467.6	13049.6
-27.5°	2424.9	3735.5	5220.3	6589.2	7694.6	8634.9	9393.8	10074.5	10692.7	11223.5	11723.8
-30°	1598.2	2616.7	3879.9	5222.1	6437.3	7441.7	8287.6	8974.8	9535.6	10039.6	10462.8
-32.5°	1250.3	1693.4	2623.5	3744.2	4964.3	6016.1	6931.7	7652.7	8280.9	8776.2	9161.9
-35°	1012.7	1254.9	1607.0	2421.8	3308.8	4397.6	5337.6	6090.5	6779.2	7331.9	7747.9
-37.5°	932.0	1010.4	1198.8	1422.5	2022.8	2686.9	3502.5	4303.1	5000.2	5596.7	6094.8
-40°	871.2	923.2	987.5	1086.4	1273.7	1466.1	2041.7	2554.5	3058.8	3632.5	4124.0
-42.5°	819.0	859.1	895.0	945.8	1001.1	1097.0	1245.1	1382.3	1647.8	1989.6	2275.0
-45°	769.0	802.2	834.1	864.5	890.7	932.2	971.8	1005.4	1095.5	1171.1	1228.8
-47.5°	715.8	747.0	776.4	803.5	827.0	848.2	866.6	884.3	910.5	931.3	951.8
-50°	660.5	688.4	715.9	740.0	756.2	775.1	796.5	807.0	813.8	821.4	837.3
-52.5°	602.4	625.8	650.4	668.9	681.1	692.5	703.0	714.7	722.8	726.6	740.9
-55°	539.7	559.4	579.4	595.2	606.7	614.3	622.9	636.2	644.1	647.2	661.8
-57.5°	477.3	492.6	507.3	524.8	536.9	544.1	555.5	569.3	580.0	588.3	601.0
-60°	417.1	431.1	445.6	460.4	473.2	483.9	495.5	507.1	517.6	527.2	536.6
-62.5°	358.3	375.2	384.2	395.0	408.9	421.8	426.7	433.5	441.4	451.0	462.0
-65°	289.6	303.5	316.2	322.6	323.6	330.5	341.9	349.3	353.0	356.0	359.7
-67.5°	240.2	246.1	254.7	261.4	268.3	273.1	278.1	282.1	285.1	288.5	292.2
-70°	200.9	207.4	214.6	221.6	228.1	232.6	235.5	237.9	239.6	238.4	237.5
-72.5°	167.5	175.9	181.9	187.6	192.9	196.3	198.4	199.9	200.9	188.4	170.7
-75°	137.4	145.9	150.8	155.4	159.7	162.2	163.5	164.4	164.8	150.4	131.9
-77.5°	110.8	116.5	119.3	122.2	125.2	126.2	126.9	127.7	128.5	116.6	101.5
-80°	76.6	80.3	82.4	84.4	86.1	86.1	84.9	82.9	80.1	73.2	65.7
-82.5°	45.5	46.1	46.1	46.0	45.7	47.7	49.6	51.3	52.7	48.7	44.0
-85°	20.3	19.7	18.6	17.2	15.5	16.4	17.4	18.3	19.2	17.9	16.5
-87.5°	3.7	3.8	3.9	4.0	4.1	4.2	4.2	4.3	4.3	3.9	3.4
-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: P559069 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-927-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.8	2.3	2.3	2.3	2.3	2.3	2.8	3.4	3.9	4.3	4.3
85°	15.0	13.4	13.5	13.5	13.5	13.4	15.0	16.5	17.9	19.2	18.3
82.5°	39.0	33.7	33.7	33.8	33.7	33.7	39.0	44.0	48.7	52.7	51.3
80°	57.8	49.6	50.7	51.9	50.7	49.6	57.8	65.7	73.2	80.1	82.9
77.5°	85.2	68.2	67.6	67.7	67.6	68.2	85.2	101.5	116.6	128.5	127.7
75°	112.9	93.3	92.4	92.5	92.4	93.3	112.9	131.9	150.4	164.8	164.4
72.5°	152.5	133.8	125.4	117.3	125.4	133.8	152.5	170.7	188.4	200.9	199.9
70°	237.7	238.2	229.9	218.7	229.9	238.2	237.7	237.5	238.4	239.6	237.9
67.5°	295.4	297.8	301.3	304.4	301.3	297.8	295.4	292.2	288.5	285.1	282.1
65°	361.3	361.2	362.5	363.1	362.5	361.2	361.3	359.7	356.0	353.0	349.3
62.5°	471.5	479.0	484.4	487.1	484.4	479.0	471.5	462.0	451.0	441.4	433.5
60°	544.5	550.8	559.6	568.3	559.6	550.8	544.5	536.6	527.2	517.6	507.1
57.5°	612.7	623.3	631.9	638.2	631.9	623.3	612.7	601.0	588.3	580.0	569.3
55°	675.7	687.9	699.7	710.4	699.7	687.9	675.7	661.8	647.2	644.1	636.2
52.5°	754.7	764.8	781.5	802.8	781.5	764.8	754.7	740.9	726.6	722.8	714.7
50°	855.7	871.0	892.2	917.8	892.2	871.0	855.7	837.3	821.4	813.8	807.0
47.5°	972.6	987.9	1008.3	1035.1	1008.3	987.9	972.6	951.8	931.3	910.5	884.3
45°	1281.5	1317.6	1350.6	1386.9	1350.6	1317.6	1281.5	1228.8	1171.1	1095.5	1005.4
42.5°	2503.8	2662.0	2730.3	2690.3	2730.3	2662.0	2503.8	2275.0	1989.6	1647.8	1382.3
40°	4498.8	4761.7	4916.5	4970.3	4916.5	4761.7	4498.8	4124.0	3632.5	3058.8	2554.5
37.5°	6458.5	6700.5	6831.1	6846.5	6831.1	6700.5	6458.5	6094.8	5596.7	5000.2	4303.1
35°	8048.2	8247.5	8365.7	8454.4	8365.7	8247.5	8048.2	7747.9	7331.9	6779.2	6090.5
32.5°	9475.9	9703.1	9834.4	9805.2	9834.4	9703.1	9475.9	9161.9	8776.2	8280.9	7652.7
30°	10809.7	11058.1	11212.4	11216.9	11212.4	11058.1	10809.7	10462.8	10039.6	9535.6	8974.8
27.5°	12128.2	12407.1	12568.0	12694.0	12568.0	12407.1	12128.2	11723.8	11223.5	10692.7	10074.5
25°	13534.8	13882.5	14089.0	14213.9	14089.0	13882.5	13534.8	13049.6	12467.6	11846.4	11154.3
22.5°	15051.5	15482.2	15765.2	15882.7	15765.2	15482.2	15051.5	14471.0	13766.9	13008.9	12203.2
20°	16701.3	17235.0	17596.3	17585.3	17596.3	17235.0	16701.3	15963.9	15116.0	14202.9	13273.2
17.5°	18542.1	19230.5	19696.3	19763.8	19696.3	19230.5	18542.1	17568.2	16554.0	15493.6	14372.1
15°	20515.6	21403.1	22005.7	22192.5	22005.7	21403.1	20515.6	19370.7	18077.9	16808.8	15474.7
12.5°	22538.0	23593.7	24397.0	24664.1	24397.0	23593.7	22538.0	21180.6	19592.7	18114.3	16573.6
10°	24464.9	25634.2	26506.2	26892.2	26506.2	25634.2	24464.9	22854.6	21143.6	19393.1	17554.6
7.5°	26075.7	27263.8	28162.0	28479.7	28162.0	27263.8	26075.7	24454.2	22417.6	20469.7	18480.1
5°	27137.0	28435.0	29133.4	29526.1	29133.4	28435.0	27137.0	25437.9	23423.9	21289.6	19155.8
2.5°	27846.0	28946.7	29654.0	30015.5	29654.0	28946.7	27846.0	26173.1	24187.4	21858.5	19604.8
0°	28222.7	29343.5	29862.1	30038.0	29862.1	29343.5	28222.7	26549.4	24510.8	22091.0	19892.3
-2.5°	27846.0	28946.7	29654.0	30015.5	29654.0	28946.7	27846.0	26173.1	24187.4	21858.5	19604.8
-5°	27137.0	28435.0	29133.4	29526.1	29133.4	28435.0	27137.0	25437.9	23423.9	21289.6	19155.8
-7.5°	26075.7	27263.8	28162.0	28479.7	28162.0	27263.8	26075.7	24454.2	22417.6	20469.7	18480.1
-10°	24464.9	25634.2	26506.2	26892.2	26506.2	25634.2	24464.9	22854.6	21143.6	19393.1	17554.6
-12.5°	22538.0	23593.7	24397.0	24664.1	24397.0	23593.7	22538.0	21180.6	19592.7	18114.3	16573.6
-15°	20515.6	21403.1	22005.7	22192.5	22005.7	21403.1	20515.6	19370.7	18077.9	16808.8	15474.7
-17.5°	18542.1	19230.5	19696.3	19763.8	19696.3	19230.5	18542.1	17568.2	16554.0	15493.6	14372.1
-20°	16701.3	17235.0	17596.3	17585.3	17596.3	17235.0	16701.3	15963.9	15116.0	14202.9	13273.2



REPORT NUMBER: P559069 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-927-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	15051.5	15482.2	15765.2	15882.7	15765.2	15482.2	15051.5	14471.0	13766.9	13008.9	12203.2
-25°	13534.8	13882.5	14089.0	14213.9	14089.0	13882.5	13534.8	13049.6	12467.6	11846.4	11154.3
-27.5°	12128.2	12407.1	12568.0	12694.0	12568.0	12407.1	12128.2	11723.8	11223.5	10692.7	10074.5
-30°	10809.7	11058.1	11212.4	11216.9	11212.4	11058.1	10809.7	10462.8	10039.6	9535.6	8974.8
-32.5°	9475.9	9703.1	9834.4	9805.2	9834.4	9703.1	9475.9	9161.9	8776.2	8280.9	7652.7
-35°	8048.2	8247.5	8365.7	8454.4	8365.7	8247.5	8048.2	7747.9	7331.9	6779.2	6090.5
-37.5°	6458.5	6700.5	6831.1	6846.5	6831.1	6700.5	6458.5	6094.8	5596.7	5000.2	4303.1
-40°	4498.8	4761.7	4916.5	4970.3	4916.5	4761.7	4498.8	4124.0	3632.5	3058.8	2554.5
-42.5°	2503.8	2662.0	2730.3	2690.3	2730.3	2662.0	2503.8	2275.0	1989.6	1647.8	1382.3
-45°	1281.5	1317.6	1350.6	1386.9	1350.6	1317.6	1281.5	1228.8	1171.1	1095.5	1005.4
-47.5°	972.6	987.9	1008.3	1035.1	1008.3	987.9	972.6	951.8	931.3	910.5	884.3
-50°	855.7	871.0	892.2	917.8	892.2	871.0	855.7	837.3	821.4	813.8	807.0
-52.5°	754.7	764.8	781.5	802.8	781.5	764.8	754.7	740.9	726.6	722.8	714.7
-55°	675.7	687.9	699.7	710.4	699.7	687.9	675.7	661.8	647.2	644.1	636.2
-57.5°	612.7	623.3	631.9	638.2	631.9	623.3	612.7	601.0	588.3	580.0	569.3
-60°	544.5	550.8	559.6	568.3	559.6	550.8	544.5	536.6	527.2	517.6	507.1
-62.5°	471.5	479.0	484.4	487.1	484.4	479.0	471.5	462.0	451.0	441.4	433.5
-65°	361.3	361.2	362.5	363.1	362.5	361.2	361.3	359.7	356.0	353.0	349.3
-67.5°	295.4	297.8	301.3	304.4	301.3	297.8	295.4	292.2	288.5	285.1	282.1
-70°	237.7	238.2	229.9	218.7	229.9	238.2	237.7	237.5	238.4	239.6	237.9
-72.5°	152.5	133.8	125.4	117.3	125.4	133.8	152.5	170.7	188.4	200.9	199.9
-75°	112.9	93.3	92.4	92.5	92.4	93.3	112.9	131.9	150.4	164.8	164.4
-77.5°	85.2	68.2	67.6	67.7	67.6	68.2	85.2	101.5	116.6	128.5	127.7
-80°	57.8	49.6	50.7	51.9	50.7	49.6	57.8	65.7	73.2	80.1	82.9
-82.5°	39.0	33.7	33.7	33.8	33.7	33.7	39.0	44.0	48.7	52.7	51.3
-85°	15.0	13.4	13.5	13.5	13.5	13.4	15.0	16.5	17.9	19.2	18.3
-87.5°	2.8	2.3	2.3	2.3	2.3	2.3	2.8	3.4	3.9	4.3	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



REPORT NUMBER: P559069 (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°	4.2	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.4	3.3	3.2
85°	17.4	16.4	15.5	17.2	18.6	19.7	20.3	18.0	15.9	13.8	12.1
82.5°	49.6	47.7	45.7	46.0	46.1	46.1	45.5	39.9	34.7	29.8	25.9
80°	84.9	86.1	86.1	84.4	82.4	80.3	76.6	66.6	57.5	49.5	44.0
77.5°	126.9	126.2	125.2	122.2	119.3	116.5	110.8	95.9	81.6	68.6	61.6
75°	163.5	162.2	159.7	155.4	150.8	145.9	137.4	122.6	107.2	91.1	82.6
72.5°	198.4	196.3	192.9	187.6	181.9	175.9	167.5	154.7	138.8	119.8	110.3
70°	235.5	232.6	228.1	221.6	214.6	207.4	200.9	191.7	178.7	162.4	153.0
67.5°	278.1	273.1	268.3	261.4	254.7	246.1	240.2	232.5	222.6	208.8	198.3
65°	341.9	330.5	323.6	322.6	316.2	303.5	289.6	280.7	271.2	258.1	243.7
62.5°	426.7	421.8	408.9	395.0	384.2	375.2	358.3	339.5	323.3	308.5	291.3
60°	495.5	483.9	473.2	460.4	445.6	431.1	417.1	398.8	376.1	357.6	338.7
57.5°	555.5	544.1	536.9	524.8	507.3	492.6	477.3	458.8	436.4	409.7	386.1
55°	622.9	614.3	606.7	595.2	579.4	559.4	539.7	519.9	494.8	462.7	433.6
52.5°	703.0	692.5	681.1	668.9	650.4	625.8	602.4	579.0	549.9	515.1	479.7
50°	796.5	775.1	756.2	740.0	715.9	688.4	660.5	634.1	599.7	563.9	527.0
47.5°	866.6	848.2	827.0	803.5	776.4	747.0	715.8	682.6	646.6	609.2	570.4
45°	971.8	932.2	890.7	864.5	834.1	802.2	769.0	731.0	691.8	652.1	611.2
42.5°	1245.1	1097.0	1001.1	945.8	895.0	859.1	819.0	778.0	736.2	693.7	650.5
40°	2041.7	1466.1	1273.7	1086.4	987.5	923.2	871.2	823.3	778.9	733.9	688.3
37.5°	3502.5	2686.9	2022.8	1422.5	1198.8	1010.4	932.0	870.2	819.7	772.8	724.8
35°	5337.6	4397.6	3308.8	2421.8	1607.0	1254.9	1012.7	925.8	861.3	810.4	759.9
32.5°	6931.7	6016.1	4964.3	3744.2	2623.5	1693.4	1250.3	999.8	907.2	847.7	793.9
30°	8287.6	7441.7	6437.3	5222.1	3879.9	2616.7	1598.2	1189.6	975.6	883.1	826.5
27.5°	9393.8	8634.9	7694.6	6589.2	5220.3	3735.5	2424.9	1425.6	1078.5	936.2	857.4
25°	10409.7	9609.3	8727.1	7695.6	6449.7	4952.1	3329.5	2047.4	1280.5	993.2	886.2
22.5°	11374.6	10524.4	9618.1	8618.5	7465.4	6034.2	4416.0	2739.2	1484.5	1096.0	930.7
20°	12307.3	11370.4	10426.0	9387.5	8235.8	6987.8	5399.7	3568.2	2066.8	1252.4	973.1
17.5°	13262.8	12190.5	11121.0	10063.9	8896.6	7643.6	6166.2	4401.9	2573.0	1393.1	1009.7
15°	14167.9	12970.0	11790.0	10627.7	9460.5	8190.7	6806.3	5144.4	3075.4	1677.8	1113.8
12.5°	15084.2	13689.8	12408.9	11105.7	9934.6	8647.3	7260.0	5651.1	3664.9	2026.5	1217.2
10°	15914.2	14350.1	12929.8	11550.8	10288.0	9011.5	7624.8	6058.4	4149.7	2313.2	1302.2
7.5°	16625.5	14924.5	13363.3	11913.7	10571.9	9315.4	7937.9	6383.4	4514.8	2534.7	1368.4
5°	17174.1	15344.1	13696.6	12211.3	10792.6	9522.5	8166.9	6620.1	4760.8	2690.2	1416.0
2.5°	17504.2	15598.2	13892.1	12395.9	10929.8	9640.6	8288.1	6771.5	4917.6	2790.6	1451.3
0°	17646.2	15675.3	14035.8	12520.4	10982.4	9690.2	8285.3	6828.5	4974.8	2827.9	1468.1
-2.5°	17504.2	15598.2	13892.1	12395.9	10929.8	9640.6	8288.1	6771.5	4917.6	2790.6	1451.3
-5°	17174.1	15344.1	13696.6	12211.3	10792.6	9522.5	8166.9	6620.1	4760.8	2690.2	1416.0
-7.5°	16625.5	14924.5	13363.3	11913.7	10571.9	9315.4	7937.9	6383.4	4514.8	2534.7	1368.4
-10°	15914.2	14350.1	12929.8	11550.8	10288.0	9011.5	7624.8	6058.4	4149.7	2313.2	1302.2
-12.5°	15084.2	13689.8	12408.9	11105.7	9934.6	8647.3	7260.0	5651.1	3664.9	2026.5	1217.2
-15°	14167.9	12970.0	11790.0	10627.7	9460.5	8190.7	6806.3	5144.4	3075.4	1677.8	1113.8
-17.5°	13262.8	12190.5	11121.0	10063.9	8896.6	7643.6	6166.2	4401.9	2573.0	1393.1	1009.7
-20°	12307.3	11370.4	10426.0	9387.5	8235.8	6987.8	5399.7	3568.2	2066.8	1252.4	973.1



REPORT NUMBER: P559069 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-927-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	11374.6	10524.4	9618.1	8618.5	7465.4	6034.2	4416.0	2739.2	1484.5	1096.0	930.7
-25°	10409.7	9609.3	8727.1	7695.6	6449.7	4952.1	3329.5	2047.4	1280.5	993.2	886.2
-27.5°	9393.8	8634.9	7694.6	6589.2	5220.3	3735.5	2424.9	1425.6	1078.5	936.2	857.4
-30°	8287.6	7441.7	6437.3	5222.1	3879.9	2616.7	1598.2	1189.6	975.6	883.1	826.5
-32.5°	6931.7	6016.1	4964.3	3744.2	2623.5	1693.4	1250.3	999.8	907.2	847.7	793.9
-35°	5337.6	4397.6	3308.8	2421.8	1607.0	1254.9	1012.7	925.8	861.3	810.4	759.9
-37.5°	3502.5	2686.9	2022.8	1422.5	1198.8	1010.4	932.0	870.2	819.7	772.8	724.8
-40°	2041.7	1466.1	1273.7	1086.4	987.5	923.2	871.2	823.3	778.9	733.9	688.3
-42.5°	1245.1	1097.0	1001.1	945.8	895.0	859.1	819.0	778.0	736.2	693.7	650.5
-45°	971.8	932.2	890.7	864.5	834.1	802.2	769.0	731.0	691.8	652.1	611.2
-47.5°	866.6	848.2	827.0	803.5	776.4	747.0	715.8	682.6	646.6	609.2	570.4
-50°	796.5	775.1	756.2	740.0	715.9	688.4	660.5	634.1	599.7	563.9	527.0
-52.5°	703.0	692.5	681.1	668.9	650.4	625.8	602.4	579.0	549.9	515.1	479.7
-55°	622.9	614.3	606.7	595.2	579.4	559.4	539.7	519.9	494.8	462.7	433.6
-57.5°	555.5	544.1	536.9	524.8	507.3	492.6	477.3	458.8	436.4	409.7	386.1
-60°	495.5	483.9	473.2	460.4	445.6	431.1	417.1	398.8	376.1	357.6	338.7
-62.5°	426.7	421.8	408.9	395.0	384.2	375.2	358.3	339.5	323.3	308.5	291.3
-65°	341.9	330.5	323.6	322.6	316.2	303.5	289.6	280.7	271.2	258.1	243.7
-67.5°	278.1	273.1	268.3	261.4	254.7	246.1	240.2	232.5	222.6	208.8	198.3
-70°	235.5	232.6	228.1	221.6	214.6	207.4	200.9	191.7	178.7	162.4	153.0
-72.5°	198.4	196.3	192.9	187.6	181.9	175.9	167.5	154.7	138.8	119.8	110.3
-75°	163.5	162.2	159.7	155.4	150.8	145.9	137.4	122.6	107.2	91.1	82.6
-77.5°	126.9	126.2	125.2	122.2	119.3	116.5	110.8	95.9	81.6	68.6	61.6
-80°	84.9	86.1	86.1	84.4	82.4	80.3	76.6	66.6	57.5	49.5	44.0
-82.5°	49.6	47.7	45.7	46.0	46.1	46.1	45.5	39.9	34.7	29.8	25.9
-85°	17.4	16.4	15.5	17.2	18.6	19.7	20.3	18.0	15.9	13.8	12.1
-87.5°	4.2	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.4	3.3	3.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559069 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-927-U-MWR-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°	3.8	4.3	4.8	5.2	5.4	5.6	5.7	5.7	5.4	5.0	4.6
85°	12.8	13.3	13.3	13.0	12.2	11.3	11.5	11.4	10.8	10.0	9.2
82.5°	27.0	28.0	28.6	28.5	26.7	24.8	22.8	20.8	18.5	15.5	13.7
80°	46.6	48.0	48.5	47.2	42.7	38.3	35.3	32.4	30.0	26.7	22.3
77.5°	66.3	69.2	70.5	68.9	62.8	56.6	50.5	44.9	41.6	37.9	33.0
75°	86.7	91.2	93.9	92.2	84.6	74.8	67.0	60.5	55.8	49.5	43.7
72.5°	112.4	114.7	117.1	116.7	109.9	100.2	87.6	76.3	71.0	63.9	55.2
70°	146.9	140.5	139.0	138.1	134.0	126.4	113.7	98.8	86.4	78.4	68.6
67.5°	189.2	180.3	171.1	161.4	156.5	149.7	139.6	122.2	105.8	93.0	82.0
65°	230.9	219.0	207.9	193.7	182.1	173.1	162.7	144.1	124.5	108.2	95.5
62.5°	273.6	256.1	241.1	224.7	209.3	196.7	185.6	164.4	142.4	122.8	107.6
60°	318.2	297.3	274.4	254.6	236.0	219.2	204.3	184.4	160.6	136.6	118.7
57.5°	363.5	339.0	311.2	285.2	262.9	242.3	222.2	201.9	178.5	152.0	128.5
55°	408.2	381.2	347.8	316.9	289.9	266.2	240.9	218.0	195.4	167.7	135.6
52.5°	448.0	419.9	386.6	349.3	316.9	289.1	261.2	233.8	209.7	183.0	145.4
50°	488.7	453.8	422.0	385.0	343.9	311.7	280.8	251.3	223.7	197.2	154.5
47.5°	531.1	490.3	453.1	418.4	376.4	333.6	300.6	268.5	237.4	209.4	162.4
45°	570.0	527.9	485.1	446.6	406.7	359.1	320.0	284.9	252.1	215.6	169.3
42.5°	606.9	562.9	518.2	473.8	432.1	384.2	338.7	301.7	266.2	220.4	174.1
40°	642.3	595.9	549.3	503.0	457.4	407.0	359.2	318.0	278.8	224.6	177.3
37.5°	675.9	627.4	578.6	530.9	483.2	430.7	378.0	333.5	284.9	229.3	179.5
35°	708.5	657.1	607.6	557.7	507.6	454.7	394.9	348.5	294.0	233.1	180.8
32.5°	739.6	686.1	635.2	583.5	530.7	478.8	413.8	362.1	305.1	236.3	181.1
30°	769.8	714.6	661.0	608.1	552.6	498.9	435.1	375.6	318.0	238.7	181.1
27.5°	798.6	740.8	685.1	630.6	573.9	517.4	455.9	388.7	332.5	243.3	182.3
25°	825.1	765.2	707.6	651.3	593.8	535.2	475.1	401.6	344.6	253.1	182.8
22.5°	849.7	787.5	727.9	670.2	613.3	552.4	491.3	417.5	354.6	263.3	182.5
20°	872.0	807.2	746.9	690.2	631.0	568.7	505.1	431.9	364.0	273.7	181.6
17.5°	894.3	827.9	768.7	709.1	647.3	583.6	518.0	444.7	372.6	283.9	179.9
15°	929.5	850.2	788.6	726.9	662.5	596.8	529.8	456.0	380.5	293.8	179.3
12.5°	961.2	870.1	806.4	743.4	676.3	608.5	540.4	465.7	387.5	300.6	180.1
10°	987.9	887.6	822.2	758.3	688.7	618.5	549.7	473.9	393.3	303.4	179.6
7.5°	1009.8	902.6	835.8	771.6	700.1	628.2	558.3	480.9	398.9	303.7	178.2
5°	1028.5	919.0	852.8	786.1	713.7	637.7	565.6	486.2	404.0	301.6	175.8
2.5°	1050.0	938.8	871.7	799.0	725.5	645.6	571.2	489.7	408.0	297.3	172.8
0°	1066.7	956.2	888.5	809.6	735.2	651.7	575.1	491.6	410.4	290.9	169.1
-2.5°	1050.0	938.8	871.7	799.0	725.5	645.6	571.2	489.7	408.0	297.3	172.8
-5°	1028.5	919.0	852.8	786.1	713.7	637.7	565.6	486.2	404.0	301.6	175.8
-7.5°	1009.8	902.6	835.8	771.6	700.1	628.2	558.3	480.9	398.9	303.7	178.2
-10°	987.9	887.6	822.2	758.3	688.7	618.5	549.7	473.9	393.3	303.4	179.6
-12.5°	961.2	870.1	806.4	743.4	676.3	608.5	540.4	465.7	387.5	300.6	180.1
-15°	929.5	850.2	788.6	726.9	662.5	596.8	529.8	456.0	380.5	293.8	179.3
-17.5°	894.3	827.9	768.7	709.1	647.3	583.6	518.0	444.7	372.6	283.9	179.9
-20°	872.0	807.2	746.9	690.2	631.0	568.7	505.1	431.9	364.0	273.7	181.6



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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°	849.7	787.5	727.9	670.2	613.3	552.4	491.3	417.5	354.6	263.3	182.5
-25°	825.1	765.2	707.6	651.3	593.8	535.2	475.1	401.6	344.6	253.1	182.8
-27.5°	798.6	740.8	685.1	630.6	573.9	517.4	455.9	388.7	332.5	243.3	182.3
-30°	769.8	714.6	661.0	608.1	552.6	498.9	435.1	375.6	318.0	238.7	181.1
-32.5°	739.6	686.1	635.2	583.5	530.7	478.8	413.8	362.1	305.1	236.3	181.1
-35°	708.5	657.1	607.6	557.7	507.6	454.7	394.9	348.5	294.0	233.1	180.8
-37.5°	675.9	627.4	578.6	530.9	483.2	430.7	378.0	333.5	284.9	229.3	179.5
-40°	642.3	595.9	549.3	503.0	457.4	407.0	359.2	318.0	278.8	224.6	177.3
-42.5°	606.9	562.9	518.2	473.8	432.1	384.2	338.7	301.7	266.2	220.4	174.1
-45°	570.0	527.9	485.1	446.6	406.7	359.1	320.0	284.9	252.1	215.6	169.3
-47.5°	531.1	490.3	453.1	418.4	376.4	333.6	300.6	268.5	237.4	209.4	162.4
-50°	488.7	453.8	422.0	385.0	343.9	311.7	280.8	251.3	223.7	197.2	154.5
-52.5°	448.0	419.9	386.6	349.3	316.9	289.1	261.2	233.8	209.7	183.0	145.4
-55°	408.2	381.2	347.8	316.9	289.9	266.2	240.9	218.0	195.4	167.7	135.6
-57.5°	363.5	339.0	311.2	285.2	262.9	242.3	222.2	201.9	178.5	152.0	128.5
-60°	318.2	297.3	274.4	254.6	236.0	219.2	204.3	184.4	160.6	136.6	118.7
-62.5°	273.6	256.1	241.1	224.7	209.3	196.7	185.6	164.4	142.4	122.8	107.6
-65°	230.9	219.0	207.9	193.7	182.1	173.1	162.7	144.1	124.5	108.2	95.5
-67.5°	189.2	180.3	171.1	161.4	156.5	149.7	139.6	122.2	105.8	93.0	82.0
-70°	146.9	140.5	139.0	138.1	134.0	126.4	113.7	98.8	86.4	78.4	68.6
-72.5°	112.4	114.7	117.1	116.7	109.9	100.2	87.6	76.3	71.0	63.9	55.2
-75°	86.7	91.2	93.9	92.2	84.6	74.8	67.0	60.5	55.8	49.5	43.7
-77.5°	66.3	69.2	70.5	68.9	62.8	56.6	50.5	44.9	41.6	37.9	33.0
-80°	46.6	48.0	48.5	47.2	42.7	38.3	35.3	32.4	30.0	26.7	22.3
-82.5°	27.0	28.0	28.6	28.5	26.7	24.8	22.8	20.8	18.5	15.5	13.7
-85°	12.8	13.3	13.3	13.0	12.2	11.3	11.5	11.4	10.8	10.0	9.2
-87.5°	3.8	4.3	4.8	5.2	5.4	5.6	5.7	5.7	5.4	5.0	4.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.1	3.2	2.4	1.6	1.0	0.5	0.0
85°	8.2	6.3	4.7	3.2	2.0	1.0	0.0
82.5°	12.2	9.5	7.0	4.8	2.9	1.5	0.0
80°	16.9	12.6	9.3	6.4	3.9	2.0	0.0
77.5°	26.4	17.1	11.6	8.0	4.9	2.4	0.0
75°	35.8	24.4	14.4	9.5	5.8	2.9	0.0
72.5°	45.0	31.6	19.7	11.0	6.8	3.4	0.0
70°	54.2	38.5	24.9	12.9	7.7	3.9	0.0
67.5°	64.9	45.3	29.9	16.4	8.6	4.3	0.0
65°	75.1	52.5	34.7	19.8	9.5	4.8	0.0
62.5°	84.9	60.1	39.4	23.1	10.4	5.2	0.0
60°	94.2	67.4	43.9	26.2	11.3	5.6	0.0
57.5°	100.6	74.3	49.0	29.3	13.3	6.1	0.0
55°	105.9	80.7	53.9	32.1	15.2	6.5	0.0
52.5°	110.5	86.3	58.5	34.8	17.0	6.9	0.0
50°	114.3	89.1	62.8	37.4	18.8	7.3	0.0
47.5°	117.8	91.3	66.7	39.9	20.6	7.6	0.0
45°	123.5	92.9	70.3	42.6	22.2	8.0	0.0
42.5°	128.3	94.0	73.6	45.1	23.8	8.3	0.0
40°	132.3	94.5	75.3	47.6	25.2	8.7	0.0
37.5°	135.3	94.5	75.5	50.3	26.6	9.0	0.0
35°	137.5	95.7	75.4	52.9	27.9	9.3	0.0
32.5°	138.6	97.2	75.0	55.5	29.1	9.5	0.0
30°	138.5	98.1	74.2	57.9	30.2	9.8	0.0
27.5°	137.7	98.4	75.0	60.3	31.3	10.0	0.0
25°	136.2	98.1	75.9	62.5	32.2	10.2	0.0
22.5°	134.0	98.3	76.6	64.7	33.0	10.4	0.0
20°	131.2	100.8	77.2	66.7	33.8	10.6	0.0
17.5°	131.4	103.1	77.7	68.5	34.4	10.8	0.0
15°	133.3	105.0	78.1	70.2	34.9	10.9	0.0
12.5°	134.9	106.7	78.4	71.8	35.4	11.0	0.0
10°	136.1	108.1	78.6	73.2	35.7	11.1	0.0
7.5°	137.0	109.1	78.8	74.4	36.0	11.2	0.0
5°	137.5	109.9	78.8	75.4	36.1	11.3	0.0
2.5°	137.7	110.3	78.9	76.1	36.1	11.3	0.0
0°	137.6	110.5	78.9	76.7	36.1	11.3	0.0
-2.5°	137.7	110.3	78.9	76.1	36.1	11.3	0.0
-5°	137.5	109.9	78.8	75.4	36.1	11.3	0.0
-7.5°	137.0	109.1	78.8	74.4	36.0	11.2	0.0
-10°	136.1	108.1	78.6	73.2	35.7	11.1	0.0
-12.5°	134.9	106.7	78.4	71.8	35.4	11.0	0.0
-15°	133.3	105.0	78.1	70.2	34.9	10.9	0.0
-17.5°	131.4	103.1	77.7	68.5	34.4	10.8	0.0
-20°	131.2	100.8	77.2	66.7	33.8	10.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	134.0	98.3	76.6	64.7	33.0	10.4	0.0
-25°	136.2	98.1	75.9	62.5	32.2	10.2	0.0
-27.5°	137.7	98.4	75.0	60.3	31.3	10.0	0.0
-30°	138.5	98.1	74.2	57.9	30.2	9.8	0.0
-32.5°	138.6	97.2	75.0	55.5	29.1	9.5	0.0
-35°	137.5	95.7	75.4	52.9	27.9	9.3	0.0
-37.5°	135.3	94.5	75.5	50.3	26.6	9.0	0.0
-40°	132.3	94.5	75.3	47.6	25.2	8.7	0.0
-42.5°	128.3	94.0	73.6	45.1	23.8	8.3	0.0
-45°	123.5	92.9	70.3	42.6	22.2	8.0	0.0
-47.5°	117.8	91.3	66.7	39.9	20.6	7.6	0.0
-50°	114.3	89.1	62.8	37.4	18.8	7.3	0.0
-52.5°	110.5	86.3	58.5	34.8	17.0	6.9	0.0
-55°	105.9	80.7	53.9	32.1	15.2	6.5	0.0
-57.5°	100.6	74.3	49.0	29.3	13.3	6.1	0.0
-60°	94.2	67.4	43.9	26.2	11.3	5.6	0.0
-62.5°	84.9	60.1	39.4	23.1	10.4	5.2	0.0
-65°	75.1	52.5	34.7	19.8	9.5	4.8	0.0
-67.5°	64.9	45.3	29.9	16.4	8.6	4.3	0.0
-70°	54.2	38.5	24.9	12.9	7.7	3.9	0.0
-72.5°	45.0	31.6	19.7	11.0	6.8	3.4	0.0
-75°	35.8	24.4	14.4	9.5	5.8	2.9	0.0
-77.5°	26.4	17.1	11.6	8.0	4.9	2.4	0.0
-80°	16.9	12.6	9.3	6.4	3.9	2.0	0.0
-82.5°	12.2	9.5	7.0	4.8	2.9	1.5	0.0
-85°	8.2	6.3	4.7	3.2	2.0	1.0	0.0
-87.5°	4.1	3.2	2.4	1.6	1.0	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)