

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: P559221 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-940-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559221 (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-SA6D-940-U-MWR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (96) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

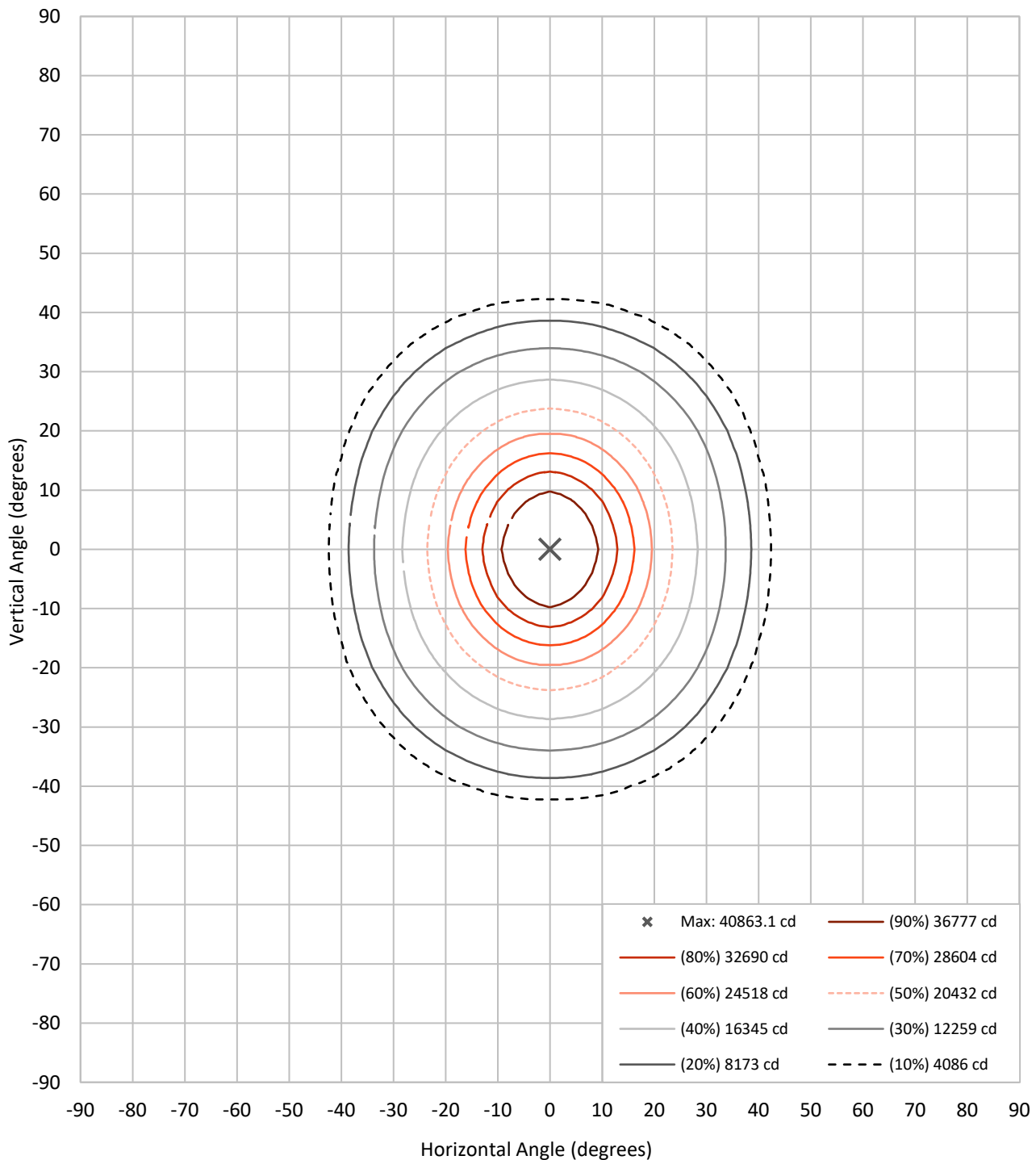
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	31809.7 lumens	Max Intensity:	40863.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	99.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	15009.9 lumens	Field Lumens:	28883.1 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 319
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





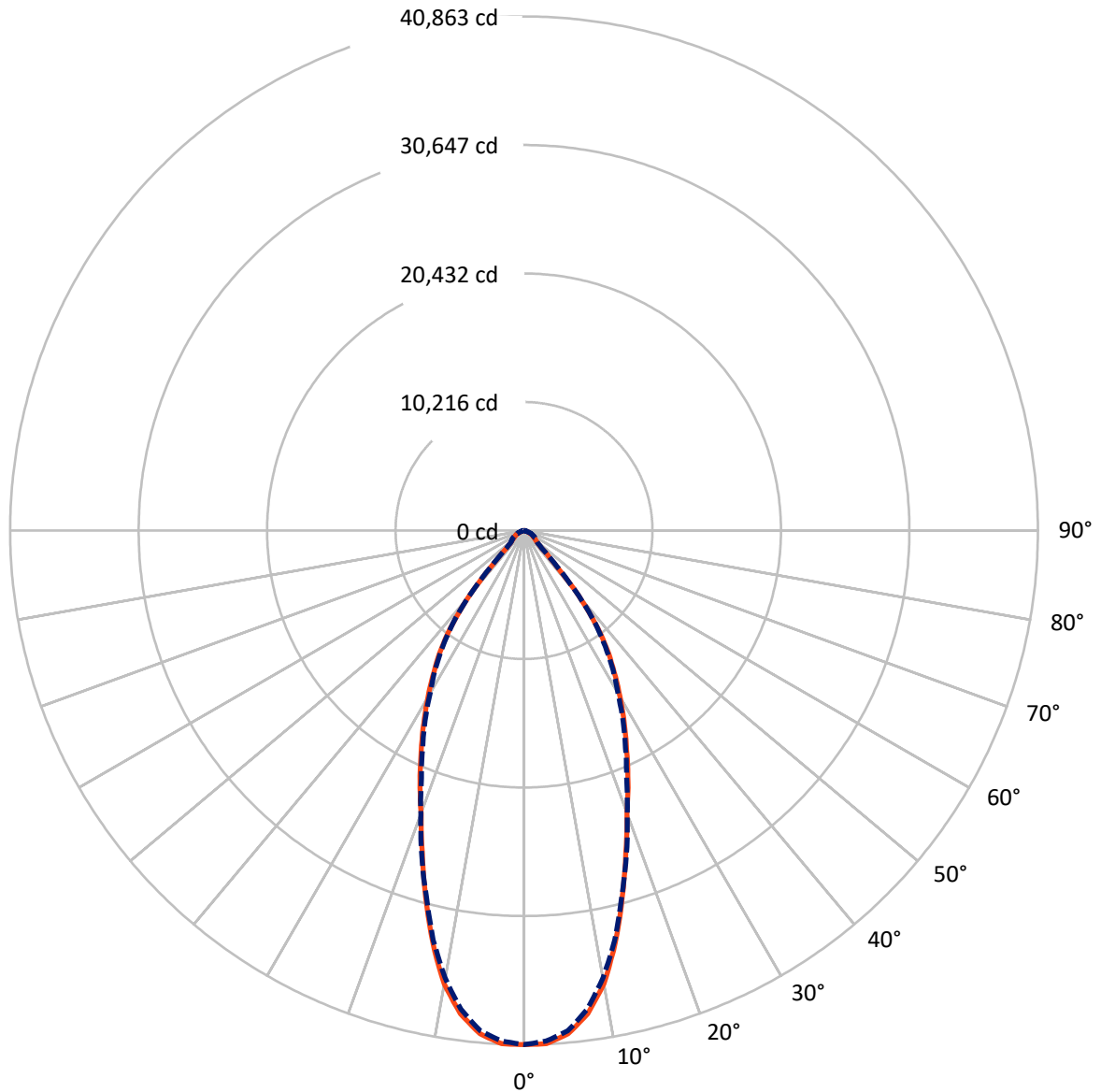
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Lumen Table

90																
80	0.5	3.9		8.7		14.4		11.2		14.4		8.7		3.9		0.5
70																
60	2.2	2.5	4.6	7.2	10.1	12.7	14.6	15.8	15.8	14.6	12.7	10.1	7.2	4.6	2.5	2.2
50		3.9	7.6	12.7	18.3	22.8	26.1	28.8	28.8	26.1	22.8	18.3	12.7	7.6	3.9	
40	3.4	5.1	10.6	17.9	26.0	35.7	56.5	79.1	79.1	56.5	35.7	26.0	17.9	10.6	5.1	3.4
30		6.2	13.3	22.3	41.9	134.1	261.0	332.6	332.6	261.0	134.1	41.9	22.3	13.3	6.2	
20	3.7	7.2	15.5	28.0	122.6	320.2	472.6	572.2	572.2	472.6	320.2	122.6	28.0	15.5	7.2	3.7
10		8.1	17.3	42.8	222.9	442.0	671.6	874.2	874.2	671.6	442.0	222.9	42.8	17.3	8.1	
0	3.9	8.6	18.7	59.1	271.5	515.8	844.7	1142.5	1142.5	844.7	515.8	271.5	59.1	18.7	8.6	3.9
-10		8.6	18.7	59.1	271.5	515.8	844.7	1142.5	1142.5	844.7	515.8	271.5	59.1	18.7	8.6	
-20	3.7	8.1	17.3	42.8	222.9	442.0	671.6	874.2	874.2	671.6	442.0	222.9	42.8	17.3	8.1	3.7
-30		7.2	15.5	28.0	122.6	320.2	472.6	572.2	572.2	472.6	320.2	122.6	28.0	15.5	7.2	
-40	3.4	6.2	13.3	22.3	41.9	134.1	261.0	332.6	332.6	261.0	134.1	41.9	22.3	13.3	6.2	3.4
-50		5.1	10.6	17.9	26.0	35.7	56.5	79.1	79.1	56.5	35.7	26.0	17.9	10.6	5.1	
-60	2.2	3.9	7.6	12.7	18.3	22.8	26.1	28.8	28.8	26.1	22.8	18.3	12.7	7.6	3.9	2.2
-70		2.5	4.6	7.2	10.1	12.7	14.6	15.8	15.8	14.6	12.7	10.1	7.2	4.6	2.5	
-80																
-90	0.5	3.9		8.7		14.4		11.2		14.4		8.7		3.9		0.5

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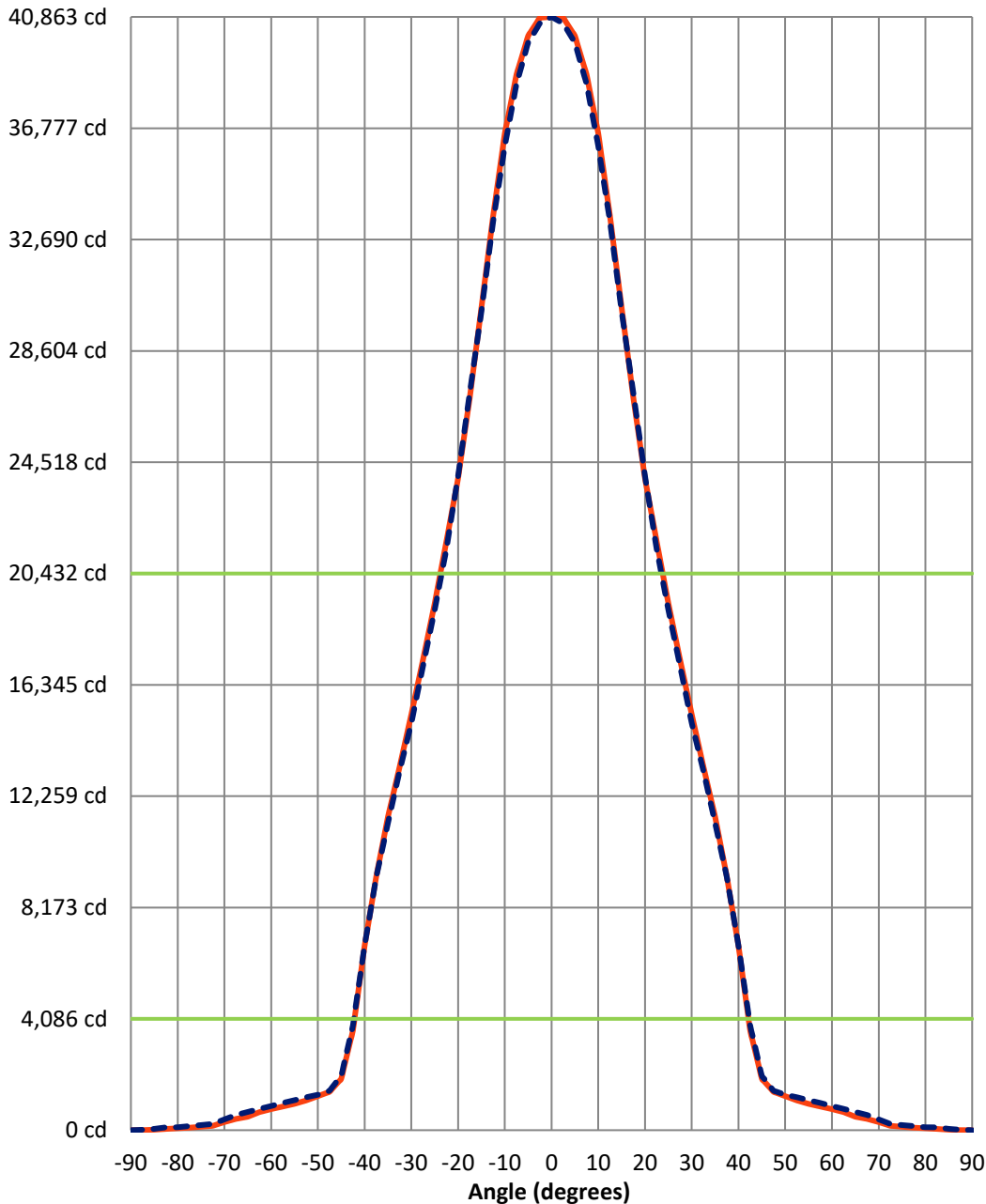
Luminous Intensity Polar Plot



— 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: 15009.9
 Efficiency: 47.2%

Field:
 H Angle: 84.6°
 V Angle: 84.3°
 Lumens: 28883.1
 Efficiency: 90.8%

Spill:
 Lumens: 2926.5
 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	0.7	1.3	2.2	3.2	4.3	5.6	6.2	6.8	7.3	7.8
85°	0.0	1.3	2.7	4.4	6.4	8.6	11.1	12.5	13.6	14.7	15.6
82.5°	0.0	2.0	4.0	6.6	9.5	12.9	16.6	18.7	21.0	25.2	28.3
80°	0.0	2.7	5.3	8.7	12.7	17.1	22.9	30.4	36.3	40.8	44.0
77.5°	0.0	3.3	6.6	10.8	15.7	23.3	36.0	44.9	51.6	56.6	61.1
75°	0.0	4.0	7.9	12.9	19.5	33.3	48.7	59.5	67.4	75.9	82.3
72.5°	0.0	4.6	9.2	15.0	26.8	43.0	61.2	75.1	87.0	96.5	103.7
70°	0.0	5.2	10.5	17.5	33.8	52.4	73.7	93.3	106.7	117.5	134.3
67.5°	0.0	5.9	11.7	22.3	40.7	61.6	88.3	111.6	126.5	143.9	166.1
65°	0.0	6.5	12.9	26.9	47.3	71.4	102.2	129.9	147.2	169.3	196.0
62.5°	0.0	7.1	14.1	31.4	53.7	81.8	115.6	146.4	167.0	193.7	223.7
60°	0.0	7.6	15.3	35.7	59.8	91.7	128.2	161.5	185.8	218.5	250.9
57.5°	0.0	8.2	18.0	39.8	66.7	101.1	136.9	174.8	206.8	242.8	274.7
55°	0.0	8.8	20.6	43.7	73.4	109.8	144.1	184.5	228.1	265.8	296.6
52.5°	0.0	9.3	23.2	47.5	79.6	117.4	150.4	197.8	249.0	285.3	318.1
50°	0.0	9.8	25.6	51.0	85.4	121.2	155.5	210.1	268.3	304.4	341.9
47.5°	0.0	10.3	27.9	54.4	90.8	124.2	160.3	221.0	284.9	323.0	365.2
45°	0.0	10.8	30.2	58.0	95.7	126.4	168.0	230.3	293.4	343.0	387.6
42.5°	0.0	11.3	32.3	61.4	100.1	127.9	174.6	236.8	299.9	362.2	410.4
40°	0.0	11.7	34.3	64.9	102.5	128.6	180.0	241.2	305.7	379.3	432.6
37.5°	0.0	12.1	36.2	68.5	102.8	128.6	184.1	244.2	311.9	387.6	453.7
35°	0.0	12.5	38.0	72.1	102.6	130.2	187.1	245.9	317.2	400.0	474.1
32.5°	0.0	12.9	39.6	75.5	102.0	132.3	188.6	246.4	321.4	415.0	492.6
30°	0.0	13.2	41.2	78.8	101.0	133.5	188.4	246.3	324.7	432.6	510.9
27.5°	0.0	13.6	42.6	82.0	102.1	133.8	187.3	248.0	331.0	452.3	528.7
25°	0.0	13.9	43.8	85.1	103.3	133.4	185.2	248.6	344.3	468.8	546.3
22.5°	0.0	14.1	45.0	88.0	104.3	133.7	182.3	248.3	358.2	482.4	567.9
20°	0.0	14.4	45.9	90.7	105.1	137.2	178.5	247.0	372.3	495.1	587.4
17.5°	0.0	14.6	46.8	93.2	105.8	140.2	178.7	244.7	386.3	506.9	604.9
15°	0.0	14.8	47.5	95.5	106.3	142.9	181.4	244.0	399.7	517.5	620.3
12.5°	0.0	14.9	48.1	97.6	106.7	145.1	183.5	245.0	409.0	527.1	633.5
10°	0.0	15.1	48.6	99.5	107.0	147.0	185.2	244.4	412.8	535.0	644.7
7.5°	0.0	15.2	48.9	101.1	107.2	148.4	186.3	242.4	413.1	542.6	654.2
5°	0.0	15.2	49.1	102.5	107.3	149.5	187.1	239.3	410.3	549.6	661.4
2.5°	0.0	15.3	49.2	103.5	107.4	150.1	187.3	235.1	404.4	555.0	666.2
0°	0.0	15.3	49.1	104.3	107.4	150.3	187.1	230.1	395.7	558.3	668.8
-2.5°	0.0	15.3	49.2	103.5	107.4	150.1	187.3	235.1	404.4	555.0	666.2
-5°	0.0	15.2	49.1	102.5	107.3	149.5	187.1	239.3	410.3	549.6	661.4
-7.5°	0.0	15.2	48.9	101.1	107.2	148.4	186.3	242.4	413.1	542.6	654.2
-10°	0.0	15.1	48.6	99.5	107.0	147.0	185.2	244.4	412.8	535.0	644.7
-12.5°	0.0	14.9	48.1	97.6	106.7	145.1	183.5	245.0	409.0	527.1	633.5
-15°	0.0	14.8	47.5	95.5	106.3	142.9	181.4	244.0	399.7	517.5	620.3
-17.5°	0.0	14.6	46.8	93.2	105.8	140.2	178.7	244.7	386.3	506.9	604.9
-20°	0.0	14.4	45.9	90.7	105.1	137.2	178.5	247.0	372.3	495.1	587.4



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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	14.1	45.0	88.0	104.3	133.7	182.3	248.3	358.2	482.4	567.9
-25°	0.0	13.9	43.8	85.1	103.3	133.4	185.2	248.6	344.3	468.8	546.3
-27.5°	0.0	13.6	42.6	82.0	102.1	133.8	187.3	248.0	331.0	452.3	528.7
-30°	0.0	13.2	41.2	78.8	101.0	133.5	188.4	246.3	324.7	432.6	510.9
-32.5°	0.0	12.9	39.6	75.5	102.0	132.3	188.6	246.4	321.4	415.0	492.6
-35°	0.0	12.5	38.0	72.1	102.6	130.2	187.1	245.9	317.2	400.0	474.1
-37.5°	0.0	12.1	36.2	68.5	102.8	128.6	184.1	244.2	311.9	387.6	453.7
-40°	0.0	11.7	34.3	64.9	102.5	128.6	180.0	241.2	305.7	379.3	432.6
-42.5°	0.0	11.3	32.3	61.4	100.1	127.9	174.6	236.8	299.9	362.2	410.4
-45°	0.0	10.8	30.2	58.0	95.7	126.4	168.0	230.3	293.4	343.0	387.6
-47.5°	0.0	10.3	27.9	54.4	90.8	124.2	160.3	221.0	284.9	323.0	365.2
-50°	0.0	9.8	25.6	51.0	85.4	121.2	155.5	210.1	268.3	304.4	341.9
-52.5°	0.0	9.3	23.2	47.5	79.6	117.4	150.4	197.8	249.0	285.3	318.1
-55°	0.0	8.8	20.6	43.7	73.4	109.8	144.1	184.5	228.1	265.8	296.6
-57.5°	0.0	8.2	18.0	39.8	66.7	101.1	136.9	174.8	206.8	242.8	274.7
-60°	0.0	7.6	15.3	35.7	59.8	91.7	128.2	161.5	185.8	218.5	250.9
-62.5°	0.0	7.1	14.1	31.4	53.7	81.8	115.6	146.4	167.0	193.7	223.7
-65°	0.0	6.5	12.9	26.9	47.3	71.4	102.2	129.9	147.2	169.3	196.0
-67.5°	0.0	5.9	11.7	22.3	40.7	61.6	88.3	111.6	126.5	143.9	166.1
-70°	0.0	5.2	10.5	17.5	33.8	52.4	73.7	93.3	106.7	117.5	134.3
-72.5°	0.0	4.6	9.2	15.0	26.8	43.0	61.2	75.1	87.0	96.5	103.7
-75°	0.0	4.0	7.9	12.9	19.5	33.3	48.7	59.5	67.4	75.9	82.3
-77.5°	0.0	3.3	6.6	10.8	15.7	23.3	36.0	44.9	51.6	56.6	61.1
-80°	0.0	2.7	5.3	8.7	12.7	17.1	22.9	30.4	36.3	40.8	44.0
-82.5°	0.0	2.0	4.0	6.6	9.5	12.9	16.6	18.7	21.0	25.2	28.3
-85°	0.0	1.3	2.7	4.4	6.4	8.6	11.1	12.5	13.6	14.7	15.6
-87.5°	0.0	0.7	1.3	2.2	3.2	4.3	5.6	6.2	6.8	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



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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°	7.8	7.7	7.4	7.1	6.6	5.9	5.2	4.3	4.5	4.7	4.8
85°	15.6	15.4	16.6	17.7	18.2	18.0	17.4	16.4	18.8	21.6	24.5
82.5°	31.1	33.8	36.4	38.8	38.9	38.0	36.7	35.2	40.5	47.2	54.3
80°	48.0	52.1	58.1	64.2	65.9	65.3	63.3	59.8	67.3	78.2	90.6
77.5°	68.6	77.0	85.3	93.7	95.9	94.2	90.1	83.8	93.3	110.9	130.5
75°	91.2	101.7	115.0	125.5	127.8	124.1	117.9	112.4	124.0	145.8	166.8
72.5°	119.1	136.3	149.5	158.8	159.4	156.1	153.0	150.2	163.0	188.9	210.5
70°	154.7	172.0	182.2	187.9	189.1	191.2	200.0	208.2	220.9	243.1	260.8
67.5°	189.9	203.7	213.0	219.7	232.9	245.4	257.4	269.8	284.1	302.9	316.3
65°	221.4	235.5	247.7	263.6	282.8	298.0	314.1	331.6	351.2	369.0	381.8
62.5°	252.5	267.6	284.7	305.7	328.1	348.5	372.2	396.4	419.8	439.9	461.8
60°	278.0	298.2	321.1	346.4	373.3	404.4	432.8	460.8	486.4	511.6	542.5
57.5°	302.3	329.7	357.6	388.0	423.3	461.0	494.5	525.2	557.3	593.7	624.1
55°	327.8	362.1	394.3	431.0	473.1	518.6	555.3	589.8	629.5	673.2	707.3
52.5°	355.3	393.3	431.1	475.1	525.9	571.2	609.5	652.6	700.8	748.2	787.7
50°	382.0	424.0	467.8	523.8	574.1	617.4	664.9	717.0	767.2	815.9	862.6
47.5°	408.9	453.8	512.1	569.2	616.4	667.0	722.5	776.1	828.8	879.6	928.5
45°	435.3	488.5	553.2	607.4	659.9	718.2	775.5	831.6	887.1	941.1	994.5
42.5°	460.8	522.6	587.7	644.5	704.9	765.8	825.7	885.0	943.7	1001.5	1058.4
40°	488.6	553.7	622.2	684.3	747.3	810.7	873.7	936.4	998.3	1059.6	1120.0
37.5°	514.2	585.9	657.3	722.3	787.1	853.4	919.5	986.0	1051.2	1115.1	1183.8
35°	537.1	618.5	690.6	758.7	826.6	893.9	963.9	1033.7	1102.4	1171.7	1259.4
32.5°	562.9	651.3	721.9	793.8	864.0	933.4	1006.1	1080.0	1153.1	1234.1	1360.1
30°	591.9	678.7	751.7	827.2	899.2	972.1	1047.2	1124.4	1201.3	1327.2	1618.2
27.5°	620.1	703.9	780.7	857.9	932.0	1007.7	1086.5	1166.4	1273.6	1467.1	1939.3
25°	646.2	728.1	807.8	886.0	962.6	1041.0	1122.4	1205.5	1351.1	1742.0	2785.2
22.5°	668.3	751.4	834.3	911.7	990.2	1071.3	1155.9	1266.1	1491.0	2019.5	3726.4
20°	687.1	773.7	858.4	938.8	1016.0	1098.2	1186.2	1323.8	1703.8	2811.7	4854.2
17.5°	704.6	793.9	880.6	964.6	1045.7	1126.2	1216.6	1373.7	1895.2	3500.2	5988.2
15°	720.7	811.9	901.2	988.8	1072.8	1156.6	1264.5	1515.2	2282.5	4183.8	6998.3
12.5°	735.1	827.8	920.0	1011.3	1097.1	1183.7	1307.6	1655.9	2756.9	4985.6	7687.7
10°	747.8	841.5	936.8	1031.6	1118.5	1207.5	1343.9	1771.5	3146.9	5645.2	8241.8
7.5°	759.6	854.6	952.4	1049.7	1137.0	1227.9	1373.7	1861.6	3448.1	6141.9	8683.9
5°	769.4	867.5	970.8	1069.4	1160.2	1250.2	1399.2	1926.4	3659.8	6476.6	9005.8
2.5°	777.1	878.3	986.9	1086.9	1185.9	1277.2	1428.3	1974.3	3796.2	6689.7	9211.8
0°	782.3	886.6	1000.1	1101.3	1208.7	1300.7	1451.1	1997.1	3847.0	6767.6	9289.3
-2.5°	777.1	878.3	986.9	1086.9	1185.9	1277.2	1428.3	1974.3	3796.2	6689.7	9211.8
-5°	769.4	867.5	970.8	1069.4	1160.2	1250.2	1399.2	1926.4	3659.8	6476.6	9005.8
-7.5°	759.6	854.6	952.4	1049.7	1137.0	1227.9	1373.7	1861.6	3448.1	6141.9	8683.9
-10°	747.8	841.5	936.8	1031.6	1118.5	1207.5	1343.9	1771.5	3146.9	5645.2	8241.8
-12.5°	735.1	827.8	920.0	1011.3	1097.1	1183.7	1307.6	1655.9	2756.9	4985.6	7687.7
-15°	720.7	811.9	901.2	988.8	1072.8	1156.6	1264.5	1515.2	2282.5	4183.8	6998.3
-17.5°	704.6	793.9	880.6	964.6	1045.7	1126.2	1216.6	1373.7	1895.2	3500.2	5988.2
-20°	687.1	773.7	858.4	938.8	1016.0	1098.2	1186.2	1323.8	1703.8	2811.7	4854.2



REPORT NUMBER: P559221 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-940-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°	668.3	751.4	834.3	911.7	990.2	1071.3	1155.9	1266.1	1491.0	2019.5	3726.4
-25°	646.2	728.1	807.8	886.0	962.6	1041.0	1122.4	1205.5	1351.1	1742.0	2785.2
-27.5°	620.1	703.9	780.7	857.9	932.0	1007.7	1086.5	1166.4	1273.6	1467.1	1939.3
-30°	591.9	678.7	751.7	827.2	899.2	972.1	1047.2	1124.4	1201.3	1327.2	1618.2
-32.5°	562.9	651.3	721.9	793.8	864.0	933.4	1006.1	1080.0	1153.1	1234.1	1360.1
-35°	537.1	618.5	690.6	758.7	826.6	893.9	963.9	1033.7	1102.4	1171.7	1259.4
-37.5°	514.2	585.9	657.3	722.3	787.1	853.4	919.5	986.0	1051.2	1115.1	1183.8
-40°	488.6	553.7	622.2	684.3	747.3	810.7	873.7	936.4	998.3	1059.6	1120.0
-42.5°	460.8	522.6	587.7	644.5	704.9	765.8	825.7	885.0	943.7	1001.5	1058.4
-45°	435.3	488.5	553.2	607.4	659.9	718.2	775.5	831.6	887.1	941.1	994.5
-47.5°	408.9	453.8	512.1	569.2	616.4	667.0	722.5	776.1	828.8	879.6	928.5
-50°	382.0	424.0	467.8	523.8	574.1	617.4	664.9	717.0	767.2	815.9	862.6
-52.5°	355.3	393.3	431.1	475.1	525.9	571.2	609.5	652.6	700.8	748.2	787.7
-55°	327.8	362.1	394.3	431.0	473.1	518.6	555.3	589.8	629.5	673.2	707.3
-57.5°	302.3	329.7	357.6	388.0	423.3	461.0	494.5	525.2	557.3	593.7	624.1
-60°	278.0	298.2	321.1	346.4	373.3	404.4	432.8	460.8	486.4	511.6	542.5
-62.5°	252.5	267.6	284.7	305.7	328.1	348.5	372.2	396.4	419.8	439.9	461.8
-65°	221.4	235.5	247.7	263.6	282.8	298.0	314.1	331.6	351.2	369.0	381.8
-67.5°	189.9	203.7	213.0	219.7	232.9	245.4	257.4	269.8	284.1	302.9	316.3
-70°	154.7	172.0	182.2	187.9	189.1	191.2	200.0	208.2	220.9	243.1	260.8
-72.5°	119.1	136.3	149.5	158.8	159.4	156.1	153.0	150.2	163.0	188.9	210.5
-75°	91.2	101.7	115.0	125.5	127.8	124.1	117.9	112.4	124.0	145.8	166.8
-77.5°	68.6	77.0	85.3	93.7	95.9	94.2	90.1	83.8	93.3	110.9	130.5
-80°	48.0	52.1	58.1	64.2	65.9	65.3	63.3	59.8	67.3	78.2	90.6
-82.5°	31.1	33.8	36.4	38.8	38.9	38.0	36.7	35.2	40.5	47.2	54.3
-85°	15.6	15.4	16.6	17.7	18.2	18.0	17.4	16.4	18.8	21.6	24.5
-87.5°	7.8	7.7	7.4	7.1	6.6	5.9	5.2	4.3	4.5	4.7	4.8
-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: P559221 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-940-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°	5.0	5.1	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.2	4.5
85°	27.6	26.8	25.3	23.4	21.1	22.3	23.6	24.9	26.1	24.4	22.5
82.5°	61.9	62.7	62.7	62.5	62.2	64.9	67.5	69.7	71.6	66.2	59.8
80°	104.3	109.2	112.2	114.8	117.1	117.1	115.6	112.8	109.0	99.7	89.4
77.5°	150.7	158.5	162.3	166.3	170.3	171.7	172.7	173.7	174.8	158.6	137.9
75°	186.9	198.4	205.2	211.5	217.2	220.6	222.4	223.6	224.1	204.6	179.4
72.5°	227.9	239.3	247.4	255.2	262.4	267.1	269.9	272.0	273.3	256.3	232.2
70°	273.3	282.3	291.9	301.5	310.4	316.4	320.4	323.6	326.0	324.4	323.1
67.5°	326.9	334.8	346.5	355.6	365.0	371.6	378.4	383.9	387.9	392.4	397.5
65°	394.0	412.9	430.1	438.9	440.2	449.6	465.2	475.2	480.2	484.2	489.2
62.5°	487.3	510.4	522.7	537.3	556.3	573.8	580.6	589.7	600.5	613.6	628.5
60°	567.4	586.5	606.2	626.4	643.8	658.3	674.1	689.9	704.1	717.3	730.0
57.5°	649.3	670.2	690.2	713.9	730.5	740.3	755.7	774.5	789.0	800.4	817.5
55°	734.3	761.1	788.3	809.7	825.3	835.7	847.3	865.5	876.2	880.3	900.2
52.5°	819.5	851.3	884.9	910.0	926.6	942.1	956.4	972.3	983.2	988.5	1007.9
50°	898.6	936.5	973.9	1006.6	1028.7	1054.4	1083.4	1097.8	1107.1	1117.4	1139.1
47.5°	973.7	1016.2	1056.2	1093.1	1125.0	1153.9	1178.9	1203.1	1238.6	1266.9	1294.8
45°	1046.1	1091.3	1134.6	1176.1	1211.7	1268.3	1322.0	1367.8	1490.2	1593.1	1671.6
42.5°	1114.1	1168.8	1217.5	1286.7	1362.0	1492.4	1693.8	1880.5	2241.6	2706.6	3094.9
40°	1185.1	1255.9	1343.4	1478.0	1732.7	1994.5	2777.5	3475.1	4161.2	4941.6	5610.3
37.5°	1267.9	1374.6	1630.9	1935.1	2751.8	3655.2	4764.7	5853.9	6802.2	7613.7	8291.2
35°	1377.6	1707.1	2186.1	3294.5	4501.2	5982.4	7261.1	8285.4	9222.3	9974.1	10540.1
32.5°	1700.8	2303.7	3569.0	5093.6	6753.2	8184.2	9429.7	10410.5	11265.1	11939.0	12463.6
30°	2174.0	3559.7	5278.2	7104.0	8757.2	10123.5	11274.3	12209.2	12972.0	13657.7	14233.3
27.5°	3298.8	5081.8	7101.6	8963.9	10467.6	11746.7	12779.1	13705.1	14546.1	15268.1	15948.8
25°	4529.5	6736.7	8774.0	10468.9	11872.2	13072.3	14161.2	15174.1	16115.6	16960.7	17752.4
22.5°	6007.5	8208.7	10155.8	11724.5	13084.3	14317.2	15473.7	16601.0	17697.0	18728.3	19686.1
20°	7345.6	9506.1	11203.9	12770.6	14183.4	15468.1	16742.6	18056.5	19321.4	20563.5	21716.9
17.5°	8388.4	10398.3	12102.8	13690.8	15128.9	16583.7	18042.5	19551.5	21077.2	22519.7	23899.4
15°	9259.2	11142.5	12869.9	14457.8	16038.9	17644.1	19273.7	21051.5	22866.3	24592.9	26351.5
12.5°	9876.4	11763.5	13514.8	15108.1	16880.7	18623.3	20520.3	22546.4	24642.3	26653.4	28813.6
10°	10372.7	12259.0	13995.6	15713.5	17589.5	19521.7	21649.3	23880.9	26382.0	28763.3	31090.8
7.5°	10798.5	12672.4	14381.8	16207.1	18179.2	20302.9	22617.0	25139.9	27846.5	30496.4	33266.9
5°	11110.0	12954.2	14682.0	16611.9	18632.7	20873.7	23363.3	26059.2	28961.9	31865.4	34605.1
2.5°	11274.9	13114.9	14868.6	16863.0	18898.6	21219.5	23812.4	26669.9	29735.8	32904.0	35605.4
0°	11271.1	13182.3	14940.2	17032.4	19094.0	21324.3	24005.5	27061.1	30052.2	33343.9	36117.2
-2.5°	11274.9	13114.9	14868.6	16863.0	18898.6	21219.5	23812.4	26669.9	29735.8	32904.0	35605.4
-5°	11110.0	12954.2	14682.0	16611.9	18632.7	20873.7	23363.3	26059.2	28961.9	31865.4	34605.1
-7.5°	10798.5	12672.4	14381.8	16207.1	18179.2	20302.9	22617.0	25139.9	27846.5	30496.4	33266.9
-10°	10372.7	12259.0	13995.6	15713.5	17589.5	19521.7	21649.3	23880.9	26382.0	28763.3	31090.8
-12.5°	9876.4	11763.5	13514.8	15108.1	16880.7	18623.3	20520.3	22546.4	24642.3	26653.4	28813.6
-15°	9259.2	11142.5	12869.9	14457.8	16038.9	17644.1	19273.7	21051.5	22866.3	24592.9	26351.5
-17.5°	8388.4	10398.3	12102.8	13690.8	15128.9	16583.7	18042.5	19551.5	21077.2	22519.7	23899.4
-20°	7345.6	9506.1	11203.9	12770.6	14183.4	15468.1	16742.6	18056.5	19321.4	20563.5	21716.9



REPORT NUMBER: P559221 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-940-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	6007.5	8208.7	10155.8	11724.5	13084.3	14317.2	15473.7	16601.0	17697.0	18728.3	19686.1
-25°	4529.5	6736.7	8774.0	10468.9	11872.2	13072.3	14161.2	15174.1	16115.6	16960.7	17752.4
-27.5°	3298.8	5081.8	7101.6	8963.9	10467.6	11746.7	12779.1	13705.1	14546.1	15268.1	15948.8
-30°	2174.0	3559.7	5278.2	7104.0	8757.2	10123.5	11274.3	12209.2	12972.0	13657.7	14233.3
-32.5°	1700.8	2303.7	3569.0	5093.6	6753.2	8184.2	9429.7	10410.5	11265.1	11939.0	12463.6
-35°	1377.6	1707.1	2186.1	3294.5	4501.2	5982.4	7261.1	8285.4	9222.3	9974.1	10540.1
-37.5°	1267.9	1374.6	1630.9	1935.1	2751.8	3655.2	4764.7	5853.9	6802.2	7613.7	8291.2
-40°	1185.1	1255.9	1343.4	1478.0	1732.7	1994.5	2777.5	3475.1	4161.2	4941.6	5610.3
-42.5°	1114.1	1168.8	1217.5	1286.7	1362.0	1492.4	1693.8	1880.5	2241.6	2706.6	3094.9
-45°	1046.1	1091.3	1134.6	1176.1	1211.7	1268.3	1322.0	1367.8	1490.2	1593.1	1671.6
-47.5°	973.7	1016.2	1056.2	1093.1	1125.0	1153.9	1178.9	1203.1	1238.6	1266.9	1294.8
-50°	898.6	936.5	973.9	1006.6	1028.7	1054.4	1083.4	1097.8	1107.1	1117.4	1139.1
-52.5°	819.5	851.3	884.9	910.0	926.6	942.1	956.4	972.3	983.2	988.5	1007.9
-55°	734.3	761.1	788.3	809.7	825.3	835.7	847.3	865.5	876.2	880.3	900.2
-57.5°	649.3	670.2	690.2	713.9	730.5	740.3	755.7	774.5	789.0	800.4	817.5
-60°	567.4	586.5	606.2	626.4	643.8	658.3	674.1	689.9	704.1	717.3	730.0
-62.5°	487.3	510.4	522.7	537.3	556.3	573.8	580.6	589.7	600.5	613.6	628.5
-65°	394.0	412.9	430.1	438.9	440.2	449.6	465.2	475.2	480.2	484.2	489.2
-67.5°	326.9	334.8	346.5	355.6	365.0	371.6	378.4	383.9	387.9	392.4	397.5
-70°	273.3	282.3	291.9	301.5	310.4	316.4	320.4	323.6	326.0	324.4	323.1
-72.5°	227.9	239.3	247.4	255.2	262.4	267.1	269.9	272.0	273.3	256.3	232.2
-75°	186.9	198.4	205.2	211.5	217.2	220.6	222.4	223.6	224.1	204.6	179.4
-77.5°	150.7	158.5	162.3	166.3	170.3	171.7	172.7	173.7	174.8	158.6	137.9
-80°	104.3	109.2	112.2	114.8	117.1	117.1	115.6	112.8	109.0	99.7	89.4
-82.5°	61.9	62.7	62.7	62.5	62.2	64.9	67.5	69.7	71.6	66.2	59.8
-85°	27.6	26.8	25.3	23.4	21.1	22.3	23.6	24.9	26.1	24.4	22.5
-87.5°	5.0	5.1	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.2	4.5
-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: P559221 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-940-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°	3.8	3.1	3.1	3.1	3.1	3.1	3.8	4.5	5.2	5.9	5.8
85°	20.4	18.3	18.4	18.4	18.4	18.3	20.4	22.5	24.4	26.1	24.9
82.5°	53.0	45.8	45.9	46.0	45.9	45.8	53.0	59.8	66.2	71.6	69.7
80°	78.6	67.5	68.9	70.6	68.9	67.5	78.6	89.4	99.7	109.0	112.8
77.5°	115.8	92.7	91.9	92.0	91.9	92.7	115.8	137.9	158.6	174.8	173.7
75°	153.5	126.9	125.6	125.8	125.6	126.9	153.5	179.4	204.6	224.1	223.6
72.5°	207.5	182.0	170.5	159.5	170.5	182.0	207.5	232.2	256.3	273.3	272.0
70°	323.4	324.1	312.8	297.6	312.8	324.1	323.4	323.1	324.4	326.0	323.6
67.5°	401.8	405.1	410.0	414.2	410.0	405.1	401.8	397.5	392.4	387.9	383.9
65°	491.5	491.3	493.1	493.9	493.1	491.3	491.5	489.2	484.2	480.2	475.2
62.5°	641.4	651.8	659.0	662.6	659.0	651.8	641.4	628.5	613.6	600.5	589.7
60°	740.7	749.2	761.2	773.1	761.2	749.2	740.7	730.0	717.3	704.1	689.9
57.5°	833.5	847.8	859.5	868.2	859.5	847.8	833.5	817.5	800.4	789.0	774.5
55°	919.1	935.8	951.9	966.4	951.9	935.8	919.1	900.2	880.3	876.2	865.5
52.5°	1026.7	1040.5	1063.2	1092.1	1063.2	1040.5	1026.7	1007.9	988.5	983.2	972.3
50°	1164.2	1184.9	1213.8	1248.6	1213.8	1184.9	1164.2	1139.1	1117.4	1107.1	1097.8
47.5°	1323.1	1343.9	1371.6	1408.1	1371.6	1343.9	1323.1	1294.8	1266.9	1238.6	1203.1
45°	1743.4	1792.4	1837.4	1886.7	1837.4	1792.4	1743.4	1671.6	1593.1	1490.2	1367.8
42.5°	3406.1	3621.3	3714.2	3659.9	3714.2	3621.3	3406.1	3094.9	2706.6	2241.6	1880.5
40°	6120.1	6477.8	6688.2	6761.4	6688.2	6477.8	6120.1	5610.3	4941.6	4161.2	3475.1
37.5°	8786.0	9115.2	9292.9	9313.8	9292.9	9115.2	8786.0	8291.2	7613.7	6802.2	5853.9
35°	10948.7	11219.8	11380.5	11501.2	11380.5	11219.8	10948.7	10540.1	9974.1	9222.3	8285.4
32.5°	12890.8	13199.9	13378.5	13338.8	13378.5	13199.9	12890.8	12463.6	11939.0	11265.1	10410.5
30°	14705.2	15043.2	15253.1	15259.2	15253.1	15043.2	14705.2	14233.3	13657.7	12972.0	12209.2
27.5°	16498.9	16878.4	17097.2	17268.7	17097.2	16878.4	16498.9	15948.8	15268.1	14546.1	13705.1
25°	18412.5	18885.5	19166.4	19336.3	19166.4	18885.5	18412.5	17752.4	16960.7	16115.6	15174.1
22.5°	20475.8	21061.7	21446.5	21606.5	21446.5	21061.7	20475.8	19686.1	18728.3	17697.0	16601.0
20°	22720.1	23446.1	23937.6	23922.7	23937.6	23446.1	22720.1	21716.9	20563.5	19321.4	18056.5
17.5°	25224.3	26160.8	26794.5	26886.2	26794.5	26160.8	25224.3	23899.4	22519.7	21077.2	19551.5
15°	27909.0	29116.4	29936.2	30190.2	29936.2	29116.4	27909.0	26351.5	24592.9	22866.3	21051.5
12.5°	30660.2	32096.4	33189.1	33552.5	33189.1	32096.4	30660.2	28813.6	26653.4	24642.3	22546.4
10°	33281.6	34872.3	36058.5	36583.5	36058.5	34872.3	33281.6	31090.8	28763.3	26382.0	23880.9
7.5°	35472.8	37089.2	38311.0	38743.3	38311.0	37089.2	35472.8	33266.9	30496.4	27846.5	25139.9
5°	36916.6	38682.4	39632.5	40166.7	39632.5	38682.4	36916.6	34605.1	31865.4	28961.9	26059.2
2.5°	37881.1	39378.5	40340.7	40832.4	40340.7	39378.5	37881.1	35605.4	32904.0	29735.8	26669.9
0°	38393.5	39918.2	40623.8	40863.1	40623.8	39918.2	38393.5	36117.2	33343.9	30052.2	27061.1
-2.5°	37881.1	39378.5	40340.7	40832.4	40340.7	39378.5	37881.1	35605.4	32904.0	29735.8	26669.9
-5°	36916.6	38682.4	39632.5	40166.7	39632.5	38682.4	36916.6	34605.1	31865.4	28961.9	26059.2
-7.5°	35472.8	37089.2	38311.0	38743.3	38311.0	37089.2	35472.8	33266.9	30496.4	27846.5	25139.9
-10°	33281.6	34872.3	36058.5	36583.5	36058.5	34872.3	33281.6	31090.8	28763.3	26382.0	23880.9
-12.5°	30660.2	32096.4	33189.1	33552.5	33189.1	32096.4	30660.2	28813.6	26653.4	24642.3	22546.4
-15°	27909.0	29116.4	29936.2	30190.2	29936.2	29116.4	27909.0	26351.5	24592.9	22866.3	21051.5
-17.5°	25224.3	26160.8	26794.5	26886.2	26794.5	26160.8	25224.3	23899.4	22519.7	21077.2	19551.5
-20°	22720.1	23446.1	23937.6	23922.7	23937.6	23446.1	22720.1	21716.9	20563.5	19321.4	18056.5



REPORT NUMBER: P559221 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-940-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°	20475.8	21061.7	21446.5	21606.5	21446.5	21061.7	20475.8	19686.1	18728.3	17697.0	16601.0
-25°	18412.5	18885.5	19166.4	19336.3	19166.4	18885.5	18412.5	17752.4	16960.7	16115.6	15174.1
-27.5°	16498.9	16878.4	17097.2	17268.7	17097.2	16878.4	16498.9	15948.8	15268.1	14546.1	13705.1
-30°	14705.2	15043.2	15253.1	15259.2	15253.1	15043.2	14705.2	14233.3	13657.7	12972.0	12209.2
-32.5°	12890.8	13199.9	13378.5	13338.8	13378.5	13199.9	12890.8	12463.6	11939.0	11265.1	10410.5
-35°	10948.7	11219.8	11380.5	11501.2	11380.5	11219.8	10948.7	10540.1	9974.1	9222.3	8285.4
-37.5°	8786.0	9115.2	9292.9	9313.8	9292.9	9115.2	8786.0	8291.2	7613.7	6802.2	5853.9
-40°	6120.1	6477.8	6688.2	6761.4	6688.2	6477.8	6120.1	5610.3	4941.6	4161.2	3475.1
-42.5°	3406.1	3621.3	3714.2	3659.9	3714.2	3621.3	3406.1	3094.9	2706.6	2241.6	1880.5
-45°	1743.4	1792.4	1837.4	1886.7	1837.4	1792.4	1743.4	1671.6	1593.1	1490.2	1367.8
-47.5°	1323.1	1343.9	1371.6	1408.1	1371.6	1343.9	1323.1	1294.8	1266.9	1238.6	1203.1
-50°	1164.2	1184.9	1213.8	1248.6	1213.8	1184.9	1164.2	1139.1	1117.4	1107.1	1097.8
-52.5°	1026.7	1040.5	1063.2	1092.1	1063.2	1040.5	1026.7	1007.9	988.5	983.2	972.3
-55°	919.1	935.8	951.9	966.4	951.9	935.8	919.1	900.2	880.3	876.2	865.5
-57.5°	833.5	847.8	859.5	868.2	859.5	847.8	833.5	817.5	800.4	789.0	774.5
-60°	740.7	749.2	761.2	773.1	761.2	749.2	740.7	730.0	717.3	704.1	689.9
-62.5°	641.4	651.8	659.0	662.6	659.0	651.8	641.4	628.5	613.6	600.5	589.7
-65°	491.5	491.3	493.1	493.9	493.1	491.3	491.5	489.2	484.2	480.2	475.2
-67.5°	401.8	405.1	410.0	414.2	410.0	405.1	401.8	397.5	392.4	387.9	383.9
-70°	323.4	324.1	312.8	297.6	312.8	324.1	323.4	323.1	324.4	326.0	323.6
-72.5°	207.5	182.0	170.5	159.5	170.5	182.0	207.5	232.2	256.3	273.3	272.0
-75°	153.5	126.9	125.6	125.8	125.6	126.9	153.5	179.4	204.6	224.1	223.6
-77.5°	115.8	92.7	91.9	92.0	91.9	92.7	115.8	137.9	158.6	174.8	173.7
-80°	78.6	67.5	68.9	70.6	68.9	67.5	78.6	89.4	99.7	109.0	112.8
-82.5°	53.0	45.8	45.9	46.0	45.9	45.8	53.0	59.8	66.2	71.6	69.7
-85°	20.4	18.3	18.4	18.4	18.4	18.3	20.4	22.5	24.4	26.1	24.9
-87.5°	3.8	3.1	3.1	3.1	3.1	3.1	3.8	4.5	5.2	5.9	5.8
-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: P559221 (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°	5.7	5.6	5.5	5.4	5.3	5.1	5.0	4.8	4.7	4.5	4.3
85°	23.6	22.3	21.1	23.4	25.3	26.8	27.6	24.5	21.6	18.8	16.4
82.5°	67.5	64.9	62.2	62.5	62.7	62.7	61.9	54.3	47.2	40.5	35.2
80°	115.6	117.1	117.1	114.8	112.2	109.2	104.3	90.6	78.2	67.3	59.8
77.5°	172.7	171.7	170.3	166.3	162.3	158.5	150.7	130.5	110.9	93.3	83.8
75°	222.4	220.6	217.2	211.5	205.2	198.4	186.9	166.8	145.8	124.0	112.4
72.5°	269.9	267.1	262.4	255.2	247.4	239.3	227.9	210.5	188.9	163.0	150.2
70°	320.4	316.4	310.4	301.5	291.9	282.3	273.3	260.8	243.1	220.9	208.2
67.5°	378.4	371.6	365.0	355.6	346.5	334.8	326.9	316.3	302.9	284.1	269.8
65°	465.2	449.6	440.2	438.9	430.1	412.9	394.0	381.8	369.0	351.2	331.6
62.5°	580.6	573.8	556.3	537.3	522.7	510.4	487.3	461.8	439.9	419.8	396.4
60°	674.1	658.3	643.8	626.4	606.2	586.5	567.4	542.5	511.6	486.4	460.8
57.5°	755.7	740.3	730.5	713.9	690.2	670.2	649.3	624.1	593.7	557.3	525.2
55°	847.3	835.7	825.3	809.7	788.3	761.1	734.3	707.3	673.2	629.5	589.8
52.5°	956.4	942.1	926.6	910.0	884.9	851.3	819.5	787.7	748.2	700.8	652.6
50°	1083.4	1054.4	1028.7	1006.6	973.9	936.5	898.6	862.6	815.9	767.2	717.0
47.5°	1178.9	1153.9	1125.0	1093.1	1056.2	1016.2	973.7	928.5	879.6	828.8	776.1
45°	1322.0	1268.3	1211.7	1176.1	1134.6	1091.3	1046.1	994.5	941.1	887.1	831.6
42.5°	1693.8	1492.4	1362.0	1286.7	1217.5	1168.8	1114.1	1058.4	1001.5	943.7	885.0
40°	2777.5	1994.5	1732.7	1478.0	1343.4	1255.9	1185.1	1120.0	1059.6	998.3	936.4
37.5°	4764.7	3655.2	2751.8	1935.1	1630.9	1374.6	1267.9	1183.8	1115.1	1051.2	986.0
35°	7261.1	5982.4	4501.2	3294.5	2186.1	1707.1	1377.6	1259.4	1171.7	1102.4	1033.7
32.5°	9429.7	8184.2	6753.2	5093.6	3569.0	2303.7	1700.8	1360.1	1234.1	1153.1	1080.0
30°	11274.3	10123.5	8757.2	7104.0	5278.2	3559.7	2174.0	1618.2	1327.2	1201.3	1124.4
27.5°	12779.1	11746.7	10467.6	8963.9	7101.6	5081.8	3298.8	1939.3	1467.1	1273.6	1166.4
25°	14161.2	13072.3	11872.2	10468.9	8774.0	6736.7	4529.5	2785.2	1742.0	1351.1	1205.5
22.5°	15473.7	14317.2	13084.3	11724.5	10155.8	8208.7	6007.5	3726.4	2019.5	1491.0	1266.1
20°	16742.6	15468.1	14183.4	12770.6	11203.9	9506.1	7345.6	4854.2	2811.7	1703.8	1323.8
17.5°	18042.5	16583.7	15128.9	13690.8	12102.8	10398.3	8388.4	5988.2	3500.2	1895.2	1373.7
15°	19273.7	17644.1	16038.9	14457.8	12869.9	11142.5	9259.2	6998.3	4183.8	2282.5	1515.2
12.5°	20520.3	18623.3	16880.7	15108.1	13514.8	11763.5	9876.4	7687.7	4985.6	2756.9	1655.9
10°	21649.3	19521.7	17589.5	15713.5	13995.6	12259.0	10372.7	8241.8	5645.2	3146.9	1771.5
7.5°	22617.0	20302.9	18179.2	16207.1	14381.8	12672.4	10798.5	8683.9	6141.9	3448.1	1861.6
5°	23363.3	20873.7	18632.7	16611.9	14682.0	12954.2	11110.0	9005.8	6476.6	3659.8	1926.4
2.5°	23812.4	21219.5	18898.6	16863.0	14868.6	13114.9	11274.9	9211.8	6689.7	3796.2	1974.3
0°	24005.5	21324.3	19094.0	17032.4	14940.2	13182.3	11271.1	9289.3	6767.6	3847.0	1997.1
-2.5°	23812.4	21219.5	18898.6	16863.0	14868.6	13114.9	11274.9	9211.8	6689.7	3796.2	1974.3
-5°	23363.3	20873.7	18632.7	16611.9	14682.0	12954.2	11110.0	9005.8	6476.6	3659.8	1926.4
-7.5°	22617.0	20302.9	18179.2	16207.1	14381.8	12672.4	10798.5	8683.9	6141.9	3448.1	1861.6
-10°	21649.3	19521.7	17589.5	15713.5	13995.6	12259.0	10372.7	8241.8	5645.2	3146.9	1771.5
-12.5°	20520.3	18623.3	16880.7	15108.1	13514.8	11763.5	9876.4	7687.7	4985.6	2756.9	1655.9
-15°	19273.7	17644.1	16038.9	14457.8	12869.9	11142.5	9259.2	6998.3	4183.8	2282.5	1515.2
-17.5°	18042.5	16583.7	15128.9	13690.8	12102.8	10398.3	8388.4	5988.2	3500.2	1895.2	1373.7
-20°	16742.6	15468.1	14183.4	12770.6	11203.9	9506.1	7345.6	4854.2	2811.7	1703.8	1323.8



REPORT NUMBER: P559221 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-940-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	15473.7	14317.2	13084.3	11724.5	10155.8	8208.7	6007.5	3726.4	2019.5	1491.0	1266.1
-25°	14161.2	13072.3	11872.2	10468.9	8774.0	6736.7	4529.5	2785.2	1742.0	1351.1	1205.5
-27.5°	12779.1	11746.7	10467.6	8963.9	7101.6	5081.8	3298.8	1939.3	1467.1	1273.6	1166.4
-30°	11274.3	10123.5	8757.2	7104.0	5278.2	3559.7	2174.0	1618.2	1327.2	1201.3	1124.4
-32.5°	9429.7	8184.2	6753.2	5093.6	3569.0	2303.7	1700.8	1360.1	1234.1	1153.1	1080.0
-35°	7261.1	5982.4	4501.2	3294.5	2186.1	1707.1	1377.6	1259.4	1171.7	1102.4	1033.7
-37.5°	4764.7	3655.2	2751.8	1935.1	1630.9	1374.6	1267.9	1183.8	1115.1	1051.2	986.0
-40°	2777.5	1994.5	1732.7	1478.0	1343.4	1255.9	1185.1	1120.0	1059.6	998.3	936.4
-42.5°	1693.8	1492.4	1362.0	1286.7	1217.5	1168.8	1114.1	1058.4	1001.5	943.7	885.0
-45°	1322.0	1268.3	1211.7	1176.1	1134.6	1091.3	1046.1	994.5	941.1	887.1	831.6
-47.5°	1178.9	1153.9	1125.0	1093.1	1056.2	1016.2	973.7	928.5	879.6	828.8	776.1
-50°	1083.4	1054.4	1028.7	1006.6	973.9	936.5	898.6	862.6	815.9	767.2	717.0
-52.5°	956.4	942.1	926.6	910.0	884.9	851.3	819.5	787.7	748.2	700.8	652.6
-55°	847.3	835.7	825.3	809.7	788.3	761.1	734.3	707.3	673.2	629.5	589.8
-57.5°	755.7	740.3	730.5	713.9	690.2	670.2	649.3	624.1	593.7	557.3	525.2
-60°	674.1	658.3	643.8	626.4	606.2	586.5	567.4	542.5	511.6	486.4	460.8
-62.5°	580.6	573.8	556.3	537.3	522.7	510.4	487.3	461.8	439.9	419.8	396.4
-65°	465.2	449.6	440.2	438.9	430.1	412.9	394.0	381.8	369.0	351.2	331.6
-67.5°	378.4	371.6	365.0	355.6	346.5	334.8	326.9	316.3	302.9	284.1	269.8
-70°	320.4	316.4	310.4	301.5	291.9	282.3	273.3	260.8	243.1	220.9	208.2
-72.5°	269.9	267.1	262.4	255.2	247.4	239.3	227.9	210.5	188.9	163.0	150.2
-75°	222.4	220.6	217.2	211.5	205.2	198.4	186.9	166.8	145.8	124.0	112.4
-77.5°	172.7	171.7	170.3	166.3	162.3	158.5	150.7	130.5	110.9	93.3	83.8
-80°	115.6	117.1	117.1	114.8	112.2	109.2	104.3	90.6	78.2	67.3	59.8
-82.5°	67.5	64.9	62.2	62.5	62.7	62.7	61.9	54.3	47.2	40.5	35.2
-85°	23.6	22.3	21.1	23.4	25.3	26.8	27.6	24.5	21.6	18.8	16.4
-87.5°	5.7	5.6	5.5	5.4	5.3	5.1	5.0	4.8	4.7	4.5	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: P559221 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-940-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°	5.2	5.9	6.6	7.1	7.4	7.7	7.8	7.8	7.3	6.8	6.2
85°	17.4	18.0	18.2	17.7	16.6	15.4	15.6	15.6	14.7	13.6	12.5
82.5°	36.7	38.0	38.9	38.8	36.4	33.8	31.1	28.3	25.2	21.0	18.7
80°	63.3	65.3	65.9	64.2	58.1	52.1	48.0	44.0	40.8	36.3	30.4
77.5°	90.1	94.2	95.9	93.7	85.3	77.0	68.6	61.1	56.6	51.6	44.9
75°	117.9	124.1	127.8	125.5	115.0	101.7	91.2	82.3	75.9	67.4	59.5
72.5°	153.0	156.1	159.4	158.8	149.5	136.3	119.1	103.7	96.5	87.0	75.1
70°	200.0	191.2	189.1	187.9	182.2	172.0	154.7	134.3	117.5	106.7	93.3
67.5°	257.4	245.4	232.9	219.7	213.0	203.7	189.9	166.1	143.9	126.5	111.6
65°	314.1	298.0	282.8	263.6	247.7	235.5	221.4	196.0	169.3	147.2	129.9
62.5°	372.2	348.5	328.1	305.7	284.7	267.6	252.5	223.7	193.7	167.0	146.4
60°	432.8	404.4	373.3	346.4	321.1	298.2	278.0	250.9	218.5	185.8	161.5
57.5°	494.5	461.0	423.3	388.0	357.6	329.7	302.3	274.7	242.8	206.8	174.8
55°	555.3	518.6	473.1	431.0	394.3	362.1	327.8	296.6	265.8	228.1	184.5
52.5°	609.5	571.2	525.9	475.1	431.1	393.3	355.3	318.1	285.3	249.0	197.8
50°	664.9	617.4	574.1	523.8	467.8	424.0	382.0	341.9	304.4	268.3	210.1
47.5°	722.5	667.0	616.4	569.2	512.1	453.8	408.9	365.2	323.0	284.9	221.0
45°	775.5	718.2	659.9	607.4	553.2	488.5	435.3	387.6	343.0	293.4	230.3
42.5°	825.7	765.8	704.9	644.5	587.7	522.6	460.8	410.4	362.2	299.9	236.8
40°	873.7	810.7	747.3	684.3	622.2	553.7	488.6	432.6	379.3	305.7	241.2
37.5°	919.5	853.4	787.1	722.3	657.3	585.9	514.2	453.7	387.6	311.9	244.2
35°	963.9	893.9	826.6	758.7	690.6	618.5	537.1	474.1	400.0	317.2	245.9
32.5°	1006.1	933.4	864.0	793.8	721.9	651.3	562.9	492.6	415.0	321.4	246.4
30°	1047.2	972.1	899.2	827.2	751.7	678.7	591.9	510.9	432.6	324.7	246.3
27.5°	1086.5	1007.7	932.0	857.9	780.7	703.9	620.1	528.7	452.3	331.0	248.0
25°	1122.4	1041.0	962.6	886.0	807.8	728.1	646.2	546.3	468.8	344.3	248.6
22.5°	1155.9	1071.3	990.2	911.7	834.3	751.4	668.3	567.9	482.4	358.2	248.3
20°	1186.2	1098.2	1016.0	938.8	858.4	773.7	687.1	587.4	495.1	372.3	247.0
17.5°	1216.6	1126.2	1045.7	964.6	880.6	793.9	704.6	604.9	506.9	386.3	244.7
15°	1264.5	1156.6	1072.8	988.8	901.2	811.9	720.7	620.3	517.5	399.7	244.0
12.5°	1307.6	1183.7	1097.1	1011.3	920.0	827.8	735.1	633.5	527.1	409.0	245.0
10°	1343.9	1207.5	1118.5	1031.6	936.8	841.5	747.8	644.7	535.0	412.8	244.4
7.5°	1373.7	1227.9	1137.0	1049.7	952.4	854.6	759.6	654.2	542.6	413.1	242.4
5°	1399.2	1250.2	1160.2	1069.4	970.8	867.5	769.4	661.4	549.6	410.3	239.3
2.5°	1428.3	1277.2	1185.9	1086.9	986.9	878.3	777.1	666.2	555.0	404.4	235.1
0°	1451.1	1300.7	1208.7	1101.3	1000.1	886.6	782.3	668.8	558.3	395.7	230.1
-2.5°	1428.3	1277.2	1185.9	1086.9	986.9	878.3	777.1	666.2	555.0	404.4	235.1
-5°	1399.2	1250.2	1160.2	1069.4	970.8	867.5	769.4	661.4	549.6	410.3	239.3
-7.5°	1373.7	1227.9	1137.0	1049.7	952.4	854.6	759.6	654.2	542.6	413.1	242.4
-10°	1343.9	1207.5	1118.5	1031.6	936.8	841.5	747.8	644.7	535.0	412.8	244.4
-12.5°	1307.6	1183.7	1097.1	1011.3	920.0	827.8	735.1	633.5	527.1	409.0	245.0
-15°	1264.5	1156.6	1072.8	988.8	901.2	811.9	720.7	620.3	517.5	399.7	244.0
-17.5°	1216.6	1126.2	1045.7	964.6	880.6	793.9	704.6	604.9	506.9	386.3	244.7
-20°	1186.2	1098.2	1016.0	938.8	858.4	773.7	687.1	587.4	495.1	372.3	247.0



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1155.9	1071.3	990.2	911.7	834.3	751.4	668.3	567.9	482.4	358.2	248.3
-25°	1122.4	1041.0	962.6	886.0	807.8	728.1	646.2	546.3	468.8	344.3	248.6
-27.5°	1086.5	1007.7	932.0	857.9	780.7	703.9	620.1	528.7	452.3	331.0	248.0
-30°	1047.2	972.1	899.2	827.2	751.7	678.7	591.9	510.9	432.6	324.7	246.3
-32.5°	1006.1	933.4	864.0	793.8	721.9	651.3	562.9	492.6	415.0	321.4	246.4
-35°	963.9	893.9	826.6	758.7	690.6	618.5	537.1	474.1	400.0	317.2	245.9
-37.5°	919.5	853.4	787.1	722.3	657.3	585.9	514.2	453.7	387.6	311.9	244.2
-40°	873.7	810.7	747.3	684.3	622.2	553.7	488.6	432.6	379.3	305.7	241.2
-42.5°	825.7	765.8	704.9	644.5	587.7	522.6	460.8	410.4	362.2	299.9	236.8
-45°	775.5	718.2	659.9	607.4	553.2	488.5	435.3	387.6	343.0	293.4	230.3
-47.5°	722.5	667.0	616.4	569.2	512.1	453.8	408.9	365.2	323.0	284.9	221.0
-50°	664.9	617.4	574.1	523.8	467.8	424.0	382.0	341.9	304.4	268.3	210.1
-52.5°	609.5	571.2	525.9	475.1	431.1	393.3	355.3	318.1	285.3	249.0	197.8
-55°	555.3	518.6	473.1	431.0	394.3	362.1	327.8	296.6	265.8	228.1	184.5
-57.5°	494.5	461.0	423.3	388.0	357.6	329.7	302.3	274.7	242.8	206.8	174.8
-60°	432.8	404.4	373.3	346.4	321.1	298.2	278.0	250.9	218.5	185.8	161.5
-62.5°	372.2	348.5	328.1	305.7	284.7	267.6	252.5	223.7	193.7	167.0	146.4
-65°	314.1	298.0	282.8	263.6	247.7	235.5	221.4	196.0	169.3	147.2	129.9
-67.5°	257.4	245.4	232.9	219.7	213.0	203.7	189.9	166.1	143.9	126.5	111.6
-70°	200.0	191.2	189.1	187.9	182.2	172.0	154.7	134.3	117.5	106.7	93.3
-72.5°	153.0	156.1	159.4	158.8	149.5	136.3	119.1	103.7	96.5	87.0	75.1
-75°	117.9	124.1	127.8	125.5	115.0	101.7	91.2	82.3	75.9	67.4	59.5
-77.5°	90.1	94.2	95.9	93.7	85.3	77.0	68.6	61.1	56.6	51.6	44.9
-80°	63.3	65.3	65.9	64.2	58.1	52.1	48.0	44.0	40.8	36.3	30.4
-82.5°	36.7	38.0	38.9	38.8	36.4	33.8	31.1	28.3	25.2	21.0	18.7
-85°	17.4	18.0	18.2	17.7	16.6	15.4	15.6	15.6	14.7	13.6	12.5
-87.5°	5.2	5.9	6.6	7.1	7.4	7.7	7.8	7.8	7.3	6.8	6.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.6	4.3	3.2	2.2	1.3	0.7	0.0
85°	11.1	8.6	6.4	4.4	2.7	1.3	0.0
82.5°	16.6	12.9	9.5	6.6	4.0	2.0	0.0
80°	22.9	17.1	12.7	8.7	5.3	2.7	0.0
77.5°	36.0	23.3	15.7	10.8	6.6	3.3	0.0
75°	48.7	33.3	19.5	12.9	7.9	4.0	0.0
72.5°	61.2	43.0	26.8	15.0	9.2	4.6	0.0
70°	73.7	52.4	33.8	17.5	10.5	5.2	0.0
67.5°	88.3	61.6	40.7	22.3	11.7	5.9	0.0
65°	102.2	71.4	47.3	26.9	12.9	6.5	0.0
62.5°	115.6	81.8	53.7	31.4	14.1	7.1	0.0
60°	128.2	91.7	59.8	35.7	15.3	7.6	0.0
57.5°	136.9	101.1	66.7	39.8	18.0	8.2	0.0
55°	144.1	109.8	73.4	43.7	20.6	8.8	0.0
52.5°	150.4	117.4	79.6	47.5	23.2	9.3	0.0
50°	155.5	121.2	85.4	51.0	25.6	9.8	0.0
47.5°	160.3	124.2	90.8	54.4	27.9	10.3	0.0
45°	168.0	126.4	95.7	58.0	30.2	10.8	0.0
42.5°	174.6	127.9	100.1	61.4	32.3	11.3	0.0
40°	180.0	128.6	102.5	64.9	34.3	11.7	0.0
37.5°	184.1	128.6	102.8	68.5	36.2	12.1	0.0
35°	187.1	130.2	102.6	72.1	38.0	12.5	0.0
32.5°	188.6	132.3	102.0	75.5	39.6	12.9	0.0
30°	188.4	133.5	101.0	78.8	41.2	13.2	0.0
27.5°	187.3	133.8	102.1	82.0	42.6	13.6	0.0
25°	185.2	133.4	103.3	85.1	43.8	13.9	0.0
22.5°	182.3	133.7	104.3	88.0	45.0	14.1	0.0
20°	178.5	137.2	105.1	90.7	45.9	14.4	0.0
17.5°	178.7	140.2	105.8	93.2	46.8	14.6	0.0
15°	181.4	142.9	106.3	95.5	47.5	14.8	0.0
12.5°	183.5	145.1	106.7	97.6	48.1	14.9	0.0
10°	185.2	147.0	107.0	99.5	48.6	15.1	0.0
7.5°	186.3	148.4	107.2	101.1	48.9	15.2	0.0
5°	187.1	149.5	107.3	102.5	49.1	15.2	0.0
2.5°	187.3	150.1	107.4	103.5	49.2	15.3	0.0
0°	187.1	150.3	107.4	104.3	49.1	15.3	0.0
-2.5°	187.3	150.1	107.4	103.5	49.2	15.3	0.0
-5°	187.1	149.5	107.3	102.5	49.1	15.2	0.0
-7.5°	186.3	148.4	107.2	101.1	48.9	15.2	0.0
-10°	185.2	147.0	107.0	99.5	48.6	15.1	0.0
-12.5°	183.5	145.1	106.7	97.6	48.1	14.9	0.0
-15°	181.4	142.9	106.3	95.5	47.5	14.8	0.0
-17.5°	178.7	140.2	105.8	93.2	46.8	14.6	0.0
-20°	178.5	137.2	105.1	90.7	45.9	14.4	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	182.3	133.7	104.3	88.0	45.0	14.1	0.0
-25°	185.2	133.4	103.3	85.1	43.8	13.9	0.0
-27.5°	187.3	133.8	102.1	82.0	42.6	13.6	0.0
-30°	188.4	133.5	101.0	78.8	41.2	13.2	0.0
-32.5°	188.6	132.3	102.0	75.5	39.6	12.9	0.0
-35°	187.1	130.2	102.6	72.1	38.0	12.5	0.0
-37.5°	184.1	128.6	102.8	68.5	36.2	12.1	0.0
-40°	180.0	128.6	102.5	64.9	34.3	11.7	0.0
-42.5°	174.6	127.9	100.1	61.4	32.3	11.3	0.0
-45°	168.0	126.4	95.7	58.0	30.2	10.8	0.0
-47.5°	160.3	124.2	90.8	54.4	27.9	10.3	0.0
-50°	155.5	121.2	85.4	51.0	25.6	9.8	0.0
-52.5°	150.4	117.4	79.6	47.5	23.2	9.3	0.0
-55°	144.1	109.8	73.4	43.7	20.6	8.8	0.0
-57.5°	136.9	101.1	66.7	39.8	18.0	8.2	0.0
-60°	128.2	91.7	59.8	35.7	15.3	7.6	0.0
-62.5°	115.6	81.8	53.7	31.4	14.1	7.1	0.0
-65°	102.2	71.4	47.3	26.9	12.9	6.5	0.0
-67.5°	88.3	61.6	40.7	22.3	11.7	5.9	0.0
-70°	73.7	52.4	33.8	17.5	10.5	5.2	0.0
-72.5°	61.2	43.0	26.8	15.0	9.2	4.6	0.0
-75°	48.7	33.3	19.5	12.9	7.9	4.0	0.0
-77.5°	36.0	23.3	15.7	10.8	6.6	3.3	0.0
-80°	22.9	17.1	12.7	8.7	5.3	2.7	0.0
-82.5°	16.6	12.9	9.5	6.6	4.0	2.0	0.0
-85°	11.1	8.6	6.4	4.4	2.7	1.3	0.0
-87.5°	5.6	4.3	3.2	2.2	1.3	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)