

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: P559189 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-940-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559189 (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-SA6C-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

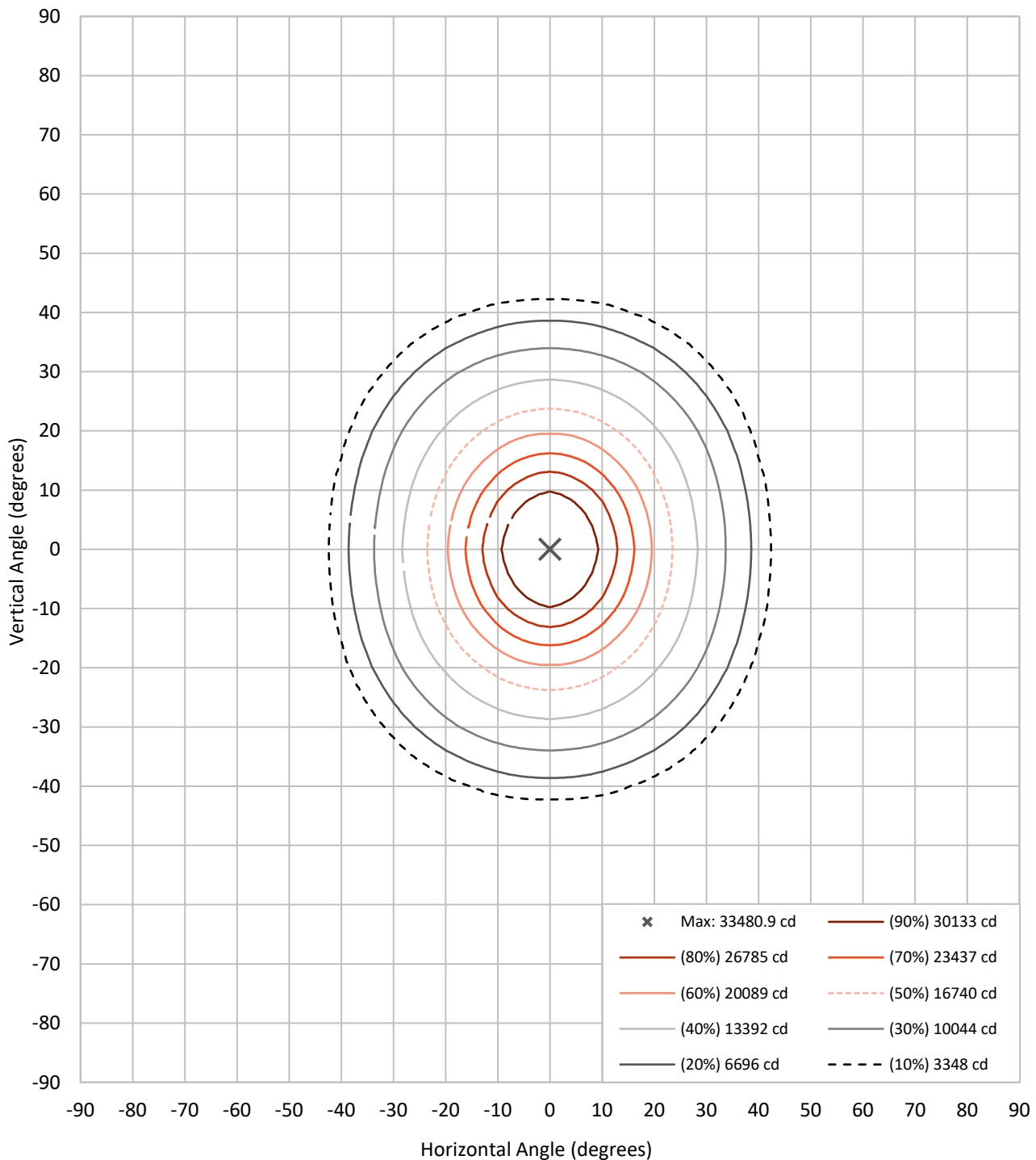
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	26063 lumens	Max Intensity:	33480.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	108.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	12298.3 lumens	Field Lumens:	23665.2 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 241
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





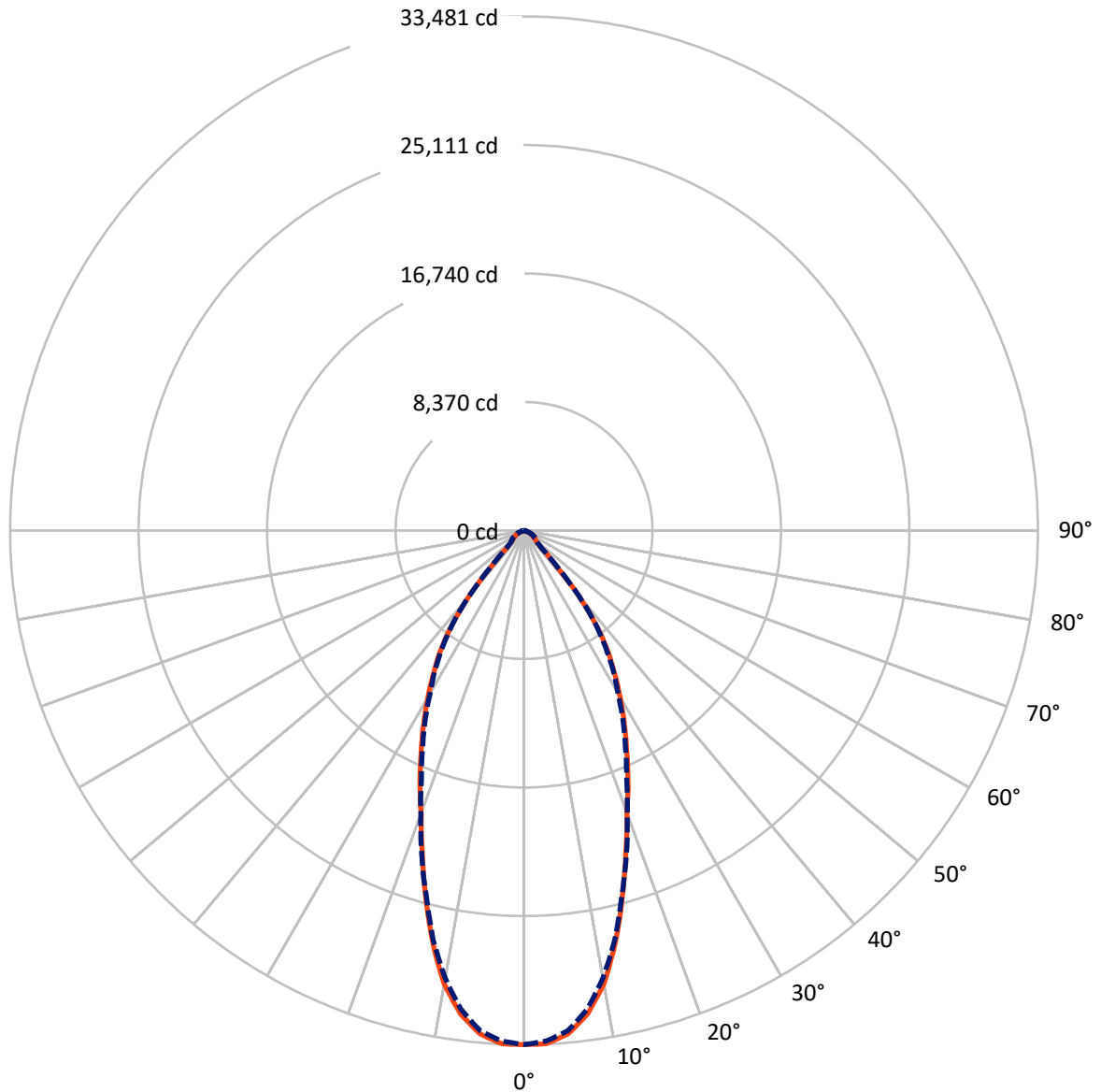
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Lumen Table

90																
80	0.4	3.2		7.2		11.8		9.2		11.8		7.2		3.2		0.4
70																
60	1.8	2.1	3.8	5.9	8.3	10.4	11.9	12.9	12.9	11.9	10.4	8.3	5.9	3.8	2.1	1.8
50		3.2	6.3	10.4	15.0	18.7	21.4	23.6	23.6	21.4	18.7	15.0	10.4	6.3	3.2	
40	2.8	4.2	8.7	14.7	21.3	29.2	46.3	64.8	64.8	46.3	29.2	21.3	14.7	8.7	4.2	2.8
30		5.0	10.9	18.3	34.3	109.8	213.9	272.5	272.5	213.9	109.8	34.3	18.3	10.9	5.0	
20	3.1	5.9	12.7	22.9	100.4	262.4	387.2	468.8	468.8	387.2	262.4	100.4	22.9	12.7	5.9	3.1
10		6.6	14.2	35.1	182.6	362.2	550.3	716.2	716.2	550.3	362.2	182.6	35.1	14.2	6.6	
0	3.2	7.0	15.3	48.4	222.5	422.6	692.1	936.1	936.1	692.1	422.6	222.5	48.4	15.3	7.0	3.2
-10		7.0	15.3	48.4	222.5	422.6	692.1	936.1	936.1	692.1	422.6	222.5	48.4	15.3	7.0	
-20	3.1	6.6	14.2	35.1	182.6	362.2	550.3	716.2	716.2	550.3	362.2	182.6	35.1	14.2	6.6	3.1
-30		5.9	12.7	22.9	100.4	262.4	387.2	468.8	468.8	387.2	262.4	100.4	22.9	12.7	5.9	
-40	2.8	5.0	10.9	18.3	34.3	109.8	213.9	272.5	272.5	213.9	109.8	34.3	18.3	10.9	5.0	2.8
-50		4.2	8.7	14.7	21.3	29.2	46.3	64.8	64.8	46.3	29.2	21.3	14.7	8.7	4.2	
-60	1.8	3.2	6.3	10.4	15.0	18.7	21.4	23.6	23.6	21.4	18.7	15.0	10.4	6.3	3.2	1.8
-70		2.1	3.8	5.9	8.3	10.4	11.9	12.9	12.9	11.9	10.4	8.3	5.9	3.8	2.1	
-80																
-90	0.4	3.2		7.2		11.8		9.2		11.8		7.2		3.2		0.4

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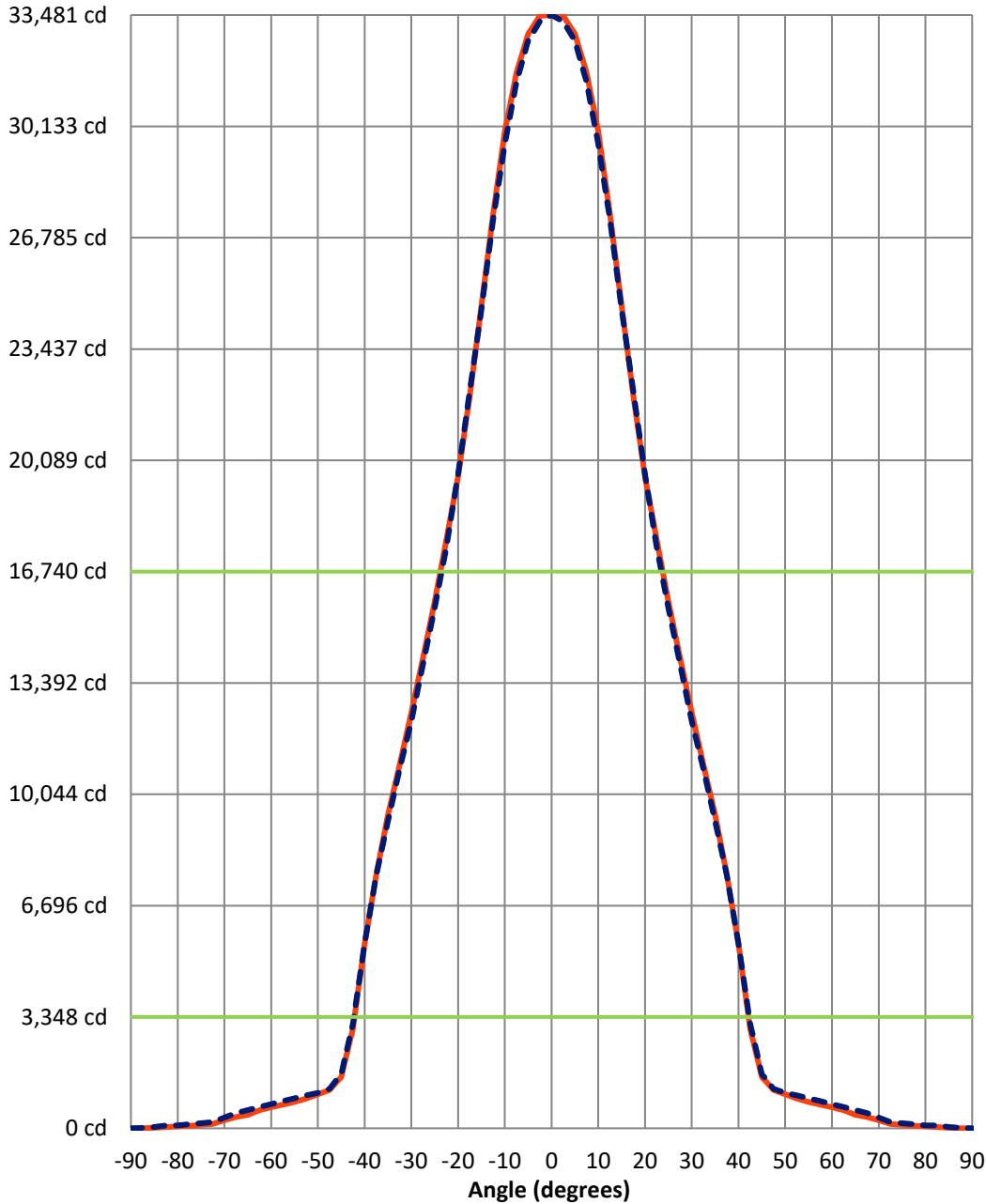
Luminous Intensity Polar Plot



— 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: 12298.3
Efficiency: 47.2%

Field:
H Angle: 84.6°
V Angle: 84.3°
Lumens: 23665.2
Efficiency: 90.8%

Spill:
Lumens: 2397.9
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	1.1	1.8	2.6	3.5	4.6	5.1	5.6	6.0	6.4
85°	0.0	1.1	2.2	3.6	5.2	7.1	9.1	10.2	11.2	12.0	12.8
82.5°	0.0	1.6	3.3	5.4	7.8	10.6	13.6	15.3	17.2	20.6	23.2
80°	0.0	2.2	4.4	7.2	10.4	14.0	18.8	24.9	29.7	33.4	36.0
77.5°	0.0	2.7	5.4	8.9	12.9	19.1	29.5	36.8	42.3	46.3	50.1
75°	0.0	3.3	6.5	10.6	16.0	27.2	39.9	48.7	55.2	62.1	67.4
72.5°	0.0	3.8	7.6	12.3	21.9	35.2	50.2	61.5	71.2	79.1	85.0
70°	0.0	4.3	8.6	14.4	27.7	43.0	60.4	76.4	87.4	96.3	110.1
67.5°	0.0	4.8	9.6	18.3	33.3	50.5	72.3	91.4	103.6	117.9	136.1
65°	0.0	5.3	10.6	22.1	38.7	58.5	83.7	106.4	120.6	138.7	160.6
62.5°	0.0	5.8	11.6	25.7	43.9	67.0	94.7	119.9	136.8	158.7	183.2
60°	0.0	6.3	12.6	29.2	48.9	75.1	105.0	132.3	152.2	179.0	205.6
57.5°	0.0	6.8	14.8	32.6	54.6	82.8	112.1	143.2	169.4	199.0	225.1
55°	0.0	7.2	16.9	35.8	60.1	90.0	118.0	151.2	186.9	217.8	243.0
52.5°	0.0	7.7	19.0	38.9	65.2	96.2	123.2	162.0	204.0	233.8	260.6
50°	0.0	8.1	21.0	41.7	69.9	99.2	127.4	172.2	219.9	249.4	280.1
47.5°	0.0	8.5	22.9	44.5	74.3	101.7	131.3	181.1	233.5	264.6	299.2
45°	0.0	8.9	24.7	47.5	78.4	103.6	137.7	188.7	240.4	281.0	317.6
42.5°	0.0	9.3	26.5	50.2	82.0	104.8	143.1	194.1	245.7	296.7	336.3
40°	0.0	9.7	28.1	53.1	83.9	105.4	147.5	197.6	250.4	310.7	354.4
37.5°	0.0	10.0	29.7	56.1	84.2	105.4	150.9	200.1	255.5	317.5	371.8
35°	0.0	10.3	31.1	59.0	84.1	106.7	153.3	201.5	259.8	327.7	388.5
32.5°	0.0	10.6	32.5	61.8	83.6	108.4	154.5	201.8	263.4	340.1	403.6
30°	0.0	10.9	33.7	64.6	82.7	109.4	154.4	201.8	266.0	354.4	418.6
27.5°	0.0	11.2	34.8	67.2	83.6	109.7	153.5	203.1	271.2	370.6	433.2
25°	0.0	11.4	35.9	69.7	84.6	109.3	151.8	203.7	282.1	384.1	447.6
22.5°	0.0	11.6	36.8	72.1	85.4	109.6	149.4	203.5	293.5	395.2	465.3
20°	0.0	11.8	37.6	74.3	86.1	112.4	146.2	202.4	305.1	405.6	481.3
17.5°	0.0	12.0	38.3	76.4	86.7	114.9	146.4	200.5	316.5	415.3	495.6
15°	0.0	12.2	38.9	78.3	87.1	117.1	148.6	199.9	327.5	424.0	508.2
12.5°	0.0	12.3	39.4	80.0	87.4	119.0	150.3	200.7	335.1	431.8	519.0
10°	0.0	12.4	39.8	81.6	87.7	120.5	151.7	200.3	338.2	438.3	528.2
7.5°	0.0	12.5	40.0	82.9	87.8	121.7	152.7	198.6	338.5	444.6	536.0
5°	0.0	12.6	40.2	84.0	87.9	122.5	153.2	196.0	336.2	450.3	541.9
2.5°	0.0	12.6	40.3	84.9	88.0	123.0	153.5	192.6	331.4	454.8	545.9
0°	0.0	12.6	40.2	85.5	88.0	123.2	153.3	188.5	324.3	457.5	548.0
-2.5°	0.0	12.6	40.3	84.9	88.0	123.0	153.5	192.6	331.4	454.8	545.9
-5°	0.0	12.6	40.2	84.0	87.9	122.5	153.2	196.0	336.2	450.3	541.9
-7.5°	0.0	12.5	40.0	82.9	87.8	121.7	152.7	198.6	338.5	444.6	536.0
-10°	0.0	12.4	39.8	81.6	87.7	120.5	151.7	200.3	338.2	438.3	528.2
-12.5°	0.0	12.3	39.4	80.0	87.4	119.0	150.3	200.7	335.1	431.8	519.0
-15°	0.0	12.2	38.9	78.3	87.1	117.1	148.6	199.9	327.5	424.0	508.2
-17.5°	0.0	12.0	38.3	76.4	86.7	114.9	146.4	200.5	316.5	415.3	495.6
-20°	0.0	11.8	37.6	74.3	86.1	112.4	146.2	202.4	305.1	405.6	481.3



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 CATALOG NUMBER: GFLD-SA6C-940-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	11.6	36.8	72.1	85.4	109.6	149.4	203.5	293.5	395.2	465.3
-25°	0.0	11.4	35.9	69.7	84.6	109.3	151.8	203.7	282.1	384.1	447.6
-27.5°	0.0	11.2	34.8	67.2	83.6	109.7	153.5	203.1	271.2	370.6	433.2
-30°	0.0	10.9	33.7	64.6	82.7	109.4	154.4	201.8	266.0	354.4	418.6
-32.5°	0.0	10.6	32.5	61.8	83.6	108.4	154.5	201.8	263.4	340.1	403.6
-35°	0.0	10.3	31.1	59.0	84.1	106.7	153.3	201.5	259.8	327.7	388.5
-37.5°	0.0	10.0	29.7	56.1	84.2	105.4	150.9	200.1	255.5	317.5	371.8
-40°	0.0	9.7	28.1	53.1	83.9	105.4	147.5	197.6	250.4	310.7	354.4
-42.5°	0.0	9.3	26.5	50.2	82.0	104.8	143.1	194.1	245.7	296.7	336.3
-45°	0.0	8.9	24.7	47.5	78.4	103.6	137.7	188.7	240.4	281.0	317.6
-47.5°	0.0	8.5	22.9	44.5	74.3	101.7	131.3	181.1	233.5	264.6	299.2
-50°	0.0	8.1	21.0	41.7	69.9	99.2	127.4	172.2	219.9	249.4	280.1
-52.5°	0.0	7.7	19.0	38.9	65.2	96.2	123.2	162.0	204.0	233.8	260.6
-55°	0.0	7.2	16.9	35.8	60.1	90.0	118.0	151.2	186.9	217.8	243.0
-57.5°	0.0	6.8	14.8	32.6	54.6	82.8	112.1	143.2	169.4	199.0	225.1
-60°	0.0	6.3	12.6	29.2	48.9	75.1	105.0	132.3	152.2	179.0	205.6
-62.5°	0.0	5.8	11.6	25.7	43.9	67.0	94.7	119.9	136.8	158.7	183.2
-65°	0.0	5.3	10.6	22.1	38.7	58.5	83.7	106.4	120.6	138.7	160.6
-67.5°	0.0	4.8	9.6	18.3	33.3	50.5	72.3	91.4	103.6	117.9	136.1
-70°	0.0	4.3	8.6	14.4	27.7	43.0	60.4	76.4	87.4	96.3	110.1
-72.5°	0.0	3.8	7.6	12.3	21.9	35.2	50.2	61.5	71.2	79.1	85.0
-75°	0.0	3.3	6.5	10.6	16.0	27.2	39.9	48.7	55.2	62.1	67.4
-77.5°	0.0	2.7	5.4	8.9	12.9	19.1	29.5	36.8	42.3	46.3	50.1
-80°	0.0	2.2	4.4	7.2	10.4	14.0	18.8	24.9	29.7	33.4	36.0
-82.5°	0.0	1.6	3.3	5.4	7.8	10.6	13.6	15.3	17.2	20.6	23.2
-85°	0.0	1.1	2.2	3.6	5.2	7.1	9.1	10.2	11.2	12.0	12.8
-87.5°	0.0	0.5	1.1	1.8	2.6	3.5	4.6	5.1	5.6	6.0	6.4
-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-SA6C-940-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°	6.4	6.3	6.1	5.8	5.4	4.9	4.2	3.5	3.7	3.8	4.0
85°	12.8	12.6	13.6	14.6	14.9	14.8	14.3	13.4	15.4	17.7	20.1
82.5°	25.5	27.7	29.8	31.8	31.9	31.1	30.0	28.8	33.2	38.7	44.5
80°	39.3	42.7	47.6	52.6	54.0	53.5	51.8	49.0	55.2	64.1	74.2
77.5°	56.2	63.1	69.9	76.8	78.6	77.2	73.8	68.7	76.4	90.9	107.0
75°	74.7	83.4	94.2	102.8	104.7	101.7	96.6	92.1	101.6	119.5	136.7
72.5°	97.6	111.7	122.5	130.1	130.6	127.9	125.4	123.1	133.6	154.8	172.5
70°	126.7	140.9	149.3	153.9	155.0	156.7	163.8	170.5	181.0	199.2	213.7
67.5°	155.6	166.9	174.5	180.0	190.8	201.0	210.9	221.0	232.7	248.1	259.1
65°	181.4	192.9	203.0	216.0	231.8	244.2	257.4	271.7	287.8	302.3	312.9
62.5°	206.8	219.2	233.3	250.5	268.8	285.5	304.9	324.8	344.0	360.4	378.4
60°	227.8	244.3	263.1	283.8	305.9	331.3	354.7	377.6	398.6	419.2	444.5
57.5°	247.7	270.1	293.0	317.9	346.8	377.8	405.2	430.3	456.7	486.5	511.4
55°	268.5	296.7	323.1	353.1	387.6	424.9	454.9	483.3	515.8	551.6	579.5
52.5°	291.1	322.2	353.2	389.3	430.8	468.0	499.4	534.7	574.2	613.0	645.4
50°	313.0	347.4	383.3	429.1	470.4	505.8	544.8	587.5	628.6	668.5	706.8
47.5°	335.0	371.8	419.5	466.4	505.1	546.6	592.0	635.9	679.1	720.7	760.7
45°	356.7	400.2	453.3	497.8	540.8	588.4	635.4	681.3	726.8	771.1	814.8
42.5°	377.5	428.2	481.6	528.2	577.6	627.4	676.5	725.1	773.2	820.6	867.2
40°	400.3	453.7	509.9	560.7	612.3	664.2	715.9	767.2	817.9	868.1	917.6
37.5°	421.3	480.1	538.6	591.8	644.9	699.3	753.4	807.9	861.3	913.6	969.9
35°	440.1	506.7	565.8	621.6	677.3	732.4	789.8	847.0	903.2	960.0	1031.9
32.5°	461.2	533.6	591.5	650.4	708.0	764.8	824.4	884.9	944.8	1011.1	1114.4
30°	484.9	556.1	615.9	677.8	736.8	796.5	858.0	921.2	984.3	1087.5	1325.9
27.5°	508.1	576.7	639.6	702.9	763.7	825.7	890.2	955.6	1043.6	1202.1	1589.0
25°	529.5	596.6	661.9	725.9	788.7	853.0	919.7	987.7	1107.0	1427.4	2282.1
22.5°	547.6	615.7	683.6	747.0	811.3	877.8	947.1	1037.4	1221.7	1654.7	3053.1
20°	563.0	633.9	703.3	769.3	832.5	899.8	972.0	1084.7	1396.0	2303.8	3977.2
17.5°	577.3	650.4	721.5	790.4	856.8	922.8	996.9	1125.5	1552.8	2867.9	4906.4
15°	590.5	665.2	738.4	810.2	879.0	947.7	1036.1	1241.5	1870.2	3428.0	5734.1
12.5°	602.3	678.2	753.8	828.6	898.9	969.9	1071.4	1356.8	2258.8	4085.0	6298.9
10°	612.7	689.4	767.6	845.2	916.4	989.4	1101.2	1451.4	2578.4	4625.3	6752.8
7.5°	622.3	700.2	780.4	860.0	931.6	1006.1	1125.5	1525.2	2825.2	5032.3	7115.1
5°	630.4	710.7	795.5	876.2	950.6	1024.3	1146.4	1578.3	2998.6	5306.5	7378.9
2.5°	636.7	719.6	808.6	890.6	971.7	1046.5	1170.3	1617.6	3110.4	5481.2	7547.6
0°	641.0	726.4	819.4	902.4	990.4	1065.8	1188.9	1636.3	3152.0	5545.0	7611.1
-2.5°	636.7	719.6	808.6	890.6	971.7	1046.5	1170.3	1617.6	3110.4	5481.2	7547.6
-5°	630.4	710.7	795.5	876.2	950.6	1024.3	1146.4	1578.3	2998.6	5306.5	7378.9
-7.5°	622.3	700.2	780.4	860.0	931.6	1006.1	1125.5	1525.2	2825.2	5032.3	7115.1
-10°	612.7	689.4	767.6	845.2	916.4	989.4	1101.2	1451.4	2578.4	4625.3	6752.8
-12.5°	602.3	678.2	753.8	828.6	898.9	969.9	1071.4	1356.8	2258.8	4085.0	6298.9
-15°	590.5	665.2	738.4	810.2	879.0	947.7	1036.1	1241.5	1870.2	3428.0	5734.1
-17.5°	577.3	650.4	721.5	790.4	856.8	922.8	996.9	1125.5	1552.8	2867.9	4906.4
-20°	563.0	633.9	703.3	769.3	832.5	899.8	972.0	1084.7	1396.0	2303.8	3977.2



REPORT NUMBER: P559189 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	547.6	615.7	683.6	747.0	811.3	877.8	947.1	1037.4	1221.7	1654.7	3053.1
-25°	529.5	596.6	661.9	725.9	788.7	853.0	919.7	987.7	1107.0	1427.4	2282.1
-27.5°	508.1	576.7	639.6	702.9	763.7	825.7	890.2	955.6	1043.6	1202.1	1589.0
-30°	484.9	556.1	615.9	677.8	736.8	796.5	858.0	921.2	984.3	1087.5	1325.9
-32.5°	461.2	533.6	591.5	650.4	708.0	764.8	824.4	884.9	944.8	1011.1	1114.4
-35°	440.1	506.7	565.8	621.6	677.3	732.4	789.8	847.0	903.2	960.0	1031.9
-37.5°	421.3	480.1	538.6	591.8	644.9	699.3	753.4	807.9	861.3	913.6	969.9
-40°	400.3	453.7	509.9	560.7	612.3	664.2	715.9	767.2	817.9	868.1	917.6
-42.5°	377.5	428.2	481.6	528.2	577.6	627.4	676.5	725.1	773.2	820.6	867.2
-45°	356.7	400.2	453.3	497.8	540.8	588.4	635.4	681.3	726.8	771.1	814.8
-47.5°	335.0	371.8	419.5	466.4	505.1	546.6	592.0	635.9	679.1	720.7	760.7
-50°	313.0	347.4	383.3	429.1	470.4	505.8	544.8	587.5	628.6	668.5	706.8
-52.5°	291.1	322.2	353.2	389.3	430.8	468.0	499.4	534.7	574.2	613.0	645.4
-55°	268.5	296.7	323.1	353.1	387.6	424.9	454.9	483.3	515.8	551.6	579.5
-57.5°	247.7	270.1	293.0	317.9	346.8	377.8	405.2	430.3	456.7	486.5	511.4
-60°	227.8	244.3	263.1	283.8	305.9	331.3	354.7	377.6	398.6	419.2	444.5
-62.5°	206.8	219.2	233.3	250.5	268.8	285.5	304.9	324.8	344.0	360.4	378.4
-65°	181.4	192.9	203.0	216.0	231.8	244.2	257.4	271.7	287.8	302.3	312.9
-67.5°	155.6	166.9	174.5	180.0	190.8	201.0	210.9	221.0	232.7	248.1	259.1
-70°	126.7	140.9	149.3	153.9	155.0	156.7	163.8	170.5	181.0	199.2	213.7
-72.5°	97.6	111.7	122.5	130.1	130.6	127.9	125.4	123.1	133.6	154.8	172.5
-75°	74.7	83.4	94.2	102.8	104.7	101.7	96.6	92.1	101.6	119.5	136.7
-77.5°	56.2	63.1	69.9	76.8	78.6	77.2	73.8	68.7	76.4	90.9	107.0
-80°	39.3	42.7	47.6	52.6	54.0	53.5	51.8	49.0	55.2	64.1	74.2
-82.5°	25.5	27.7	29.8	31.8	31.9	31.1	30.0	28.8	33.2	38.7	44.5
-85°	12.8	12.6	13.6	14.6	14.9	14.8	14.3	13.4	15.4	17.7	20.1
-87.5°	6.4	6.3	6.1	5.8	5.4	4.9	4.2	3.5	3.7	3.8	4.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559189 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.8	4.3	3.7
85°	22.6	21.9	20.7	19.2	17.4	18.3	19.4	20.4	21.4	20.0	18.4
82.5°	50.7	51.4	51.4	51.2	50.9	53.1	55.3	57.1	58.7	54.2	49.0
80°	85.4	89.5	91.9	94.0	95.9	96.0	94.7	92.4	89.3	81.7	73.2
77.5°	123.5	129.9	133.0	136.3	139.6	140.7	141.5	142.4	143.2	129.9	113.0
75°	153.2	162.6	168.2	173.3	178.0	180.8	182.2	183.2	183.6	167.6	147.0
72.5°	186.8	196.1	202.7	209.1	215.0	218.9	221.1	222.8	224.0	210.0	190.3
70°	223.9	231.3	239.2	247.0	254.3	259.3	262.6	265.2	267.1	265.8	264.7
67.5°	267.8	274.3	283.9	291.4	299.1	304.5	310.1	314.5	317.8	321.5	325.7
65°	322.8	338.3	352.4	359.6	360.7	368.4	381.2	389.4	393.5	396.8	400.9
62.5°	399.3	418.2	428.3	440.3	455.8	470.1	475.7	483.2	492.0	502.7	515.0
60°	464.9	480.6	496.6	513.2	527.5	539.4	552.3	565.2	576.9	587.7	598.1
57.5°	532.0	549.1	565.5	584.9	598.5	606.6	619.2	634.6	646.5	655.8	669.8
55°	601.6	623.6	645.8	663.4	676.2	684.7	694.2	709.1	717.9	721.3	737.6
52.5°	671.5	697.5	725.0	745.5	759.2	771.9	783.6	796.7	805.6	809.9	825.8
50°	736.2	767.3	797.9	824.7	842.8	863.9	887.8	899.5	907.1	915.5	933.3
47.5°	797.8	832.6	865.4	895.7	921.8	945.5	965.9	985.7	1014.9	1038.0	1060.9
45°	857.1	894.1	929.7	963.7	992.8	1039.1	1083.2	1120.7	1221.1	1305.4	1369.7
42.5°	912.8	957.6	997.6	1054.2	1115.9	1222.8	1387.9	1540.8	1836.7	2217.7	2535.8
40°	971.0	1029.0	1100.6	1210.9	1419.7	1634.2	2275.7	2847.3	3409.4	4048.9	4596.8
37.5°	1038.9	1126.2	1336.2	1585.5	2254.7	2994.9	3904.0	4796.3	5573.4	6238.2	6793.3
35°	1128.7	1398.7	1791.2	2699.4	3688.0	4901.6	5949.4	6788.6	7556.2	8172.2	8635.9
32.5°	1393.6	1887.5	2924.3	4173.4	5533.2	6705.7	7726.2	8529.8	9230.0	9782.1	10212.0
30°	1781.3	2916.7	4324.7	5820.6	7175.1	8294.6	9237.5	10003.5	10628.5	11190.4	11662.0
27.5°	2702.8	4163.7	5818.6	7344.5	8576.5	9624.6	10470.5	11229.2	11918.3	12509.9	13067.5
25°	3711.2	5519.7	7188.9	8577.6	9727.4	10710.7	11602.9	12432.8	13204.3	13896.6	14545.3
22.5°	4922.2	6725.8	8321.1	9606.4	10720.6	11730.7	12678.3	13601.9	14500.0	15344.9	16129.7
20°	6018.6	7788.7	9179.8	10463.5	11621.1	12673.6	13718.0	14794.5	15830.8	16848.6	17793.6
17.5°	6873.0	8519.8	9916.4	11217.5	12395.7	13587.8	14783.0	16019.4	17269.5	18451.4	19581.8
15°	7586.4	9129.6	10544.8	11845.8	13141.4	14456.6	15791.8	17248.4	18735.3	20150.0	21590.9
12.5°	8092.1	9638.4	11073.3	12378.7	13831.2	15258.9	16813.1	18473.2	20190.4	21838.3	23608.3
10°	8498.7	10044.4	11467.2	12874.8	14411.8	15994.9	17738.2	19566.6	21615.9	23567.1	25474.0
7.5°	8847.7	10383.1	11783.7	13279.2	14895.1	16635.1	18531.0	20598.2	22815.8	24987.1	27257.0
5°	9102.9	10613.9	12029.6	13610.8	15266.5	17102.8	19142.5	21351.4	23729.7	26108.7	28353.5
2.5°	9238.0	10745.6	12182.4	13816.6	15484.4	17386.1	19510.5	21851.8	24363.9	26959.7	29173.0
0°	9234.9	10800.9	12241.1	13955.4	15644.5	17471.9	19668.8	22172.3	24623.1	27320.1	29592.4
-2.5°	9238.0	10745.6	12182.4	13816.6	15484.4	17386.1	19510.5	21851.8	24363.9	26959.7	29173.0
-5°	9102.9	10613.9	12029.6	13610.8	15266.5	17102.8	19142.5	21351.4	23729.7	26108.7	28353.5
-7.5°	8847.7	10383.1	11783.7	13279.2	14895.1	16635.1	18531.0	20598.2	22815.8	24987.1	27257.0
-10°	8498.7	10044.4	11467.2	12874.8	14411.8	15994.9	17738.2	19566.6	21615.9	23567.1	25474.0
-12.5°	8092.1	9638.4	11073.3	12378.7	13831.2	15258.9	16813.1	18473.2	20190.4	21838.3	23608.3
-15°	7586.4	9129.6	10544.8	11845.8	13141.4	14456.6	15791.8	17248.4	18735.3	20150.0	21590.9
-17.5°	6873.0	8519.8	9916.4	11217.5	12395.7	13587.8	14783.0	16019.4	17269.5	18451.4	19581.8
-20°	6018.6	7788.7	9179.8	10463.5	11621.1	12673.6	13718.0	14794.5	15830.8	16848.6	17793.6



REPORT NUMBER: P559189 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	4922.2	6725.8	8321.1	9606.4	10720.6	11730.7	12678.3	13601.9	14500.0	15344.9	16129.7
-25°	3711.2	5519.7	7188.9	8577.6	9727.4	10710.7	11602.9	12432.8	13204.3	13896.6	14545.3
-27.5°	2702.8	4163.7	5818.6	7344.5	8576.5	9624.6	10470.5	11229.2	11918.3	12509.9	13067.5
-30°	1781.3	2916.7	4324.7	5820.6	7175.1	8294.6	9237.5	10003.5	10628.5	11190.4	11662.0
-32.5°	1393.6	1887.5	2924.3	4173.4	5533.2	6705.7	7726.2	8529.8	9230.0	9782.1	10212.0
-35°	1128.7	1398.7	1791.2	2699.4	3688.0	4901.6	5949.4	6788.6	7556.2	8172.2	8635.9
-37.5°	1038.9	1126.2	1336.2	1585.5	2254.7	2994.9	3904.0	4796.3	5573.4	6238.2	6793.3
-40°	971.0	1029.0	1100.6	1210.9	1419.7	1634.2	2275.7	2847.3	3409.4	4048.9	4596.8
-42.5°	912.8	957.6	997.6	1054.2	1115.9	1222.8	1387.9	1540.8	1836.7	2217.7	2535.8
-45°	857.1	894.1	929.7	963.7	992.8	1039.1	1083.2	1120.7	1221.1	1305.4	1369.7
-47.5°	797.8	832.6	865.4	895.7	921.8	945.5	965.9	985.7	1014.9	1038.0	1060.9
-50°	736.2	767.3	797.9	824.7	842.8	863.9	887.8	899.5	907.1	915.5	933.3
-52.5°	671.5	697.5	725.0	745.5	759.2	771.9	783.6	796.7	805.6	809.9	825.8
-55°	601.6	623.6	645.8	663.4	676.2	684.7	694.2	709.1	717.9	721.3	737.6
-57.5°	532.0	549.1	565.5	584.9	598.5	606.6	619.2	634.6	646.5	655.8	669.8
-60°	464.9	480.6	496.6	513.2	527.5	539.4	552.3	565.2	576.9	587.7	598.1
-62.5°	399.3	418.2	428.3	440.3	455.8	470.1	475.7	483.2	492.0	502.7	515.0
-65°	322.8	338.3	352.4	359.6	360.7	368.4	381.2	389.4	393.5	396.8	400.9
-67.5°	267.8	274.3	283.9	291.4	299.1	304.5	310.1	314.5	317.8	321.5	325.7
-70°	223.9	231.3	239.2	247.0	254.3	259.3	262.6	265.2	267.1	265.8	264.7
-72.5°	186.8	196.1	202.7	209.1	215.0	218.9	221.1	222.8	224.0	210.0	190.3
-75°	153.2	162.6	168.2	173.3	178.0	180.8	182.2	183.2	183.6	167.6	147.0
-77.5°	123.5	129.9	133.0	136.3	139.6	140.7	141.5	142.4	143.2	129.9	113.0
-80°	85.4	89.5	91.9	94.0	95.9	96.0	94.7	92.4	89.3	81.7	73.2
-82.5°	50.7	51.4	51.4	51.2	50.9	53.1	55.3	57.1	58.7	54.2	49.0
-85°	22.6	21.9	20.7	19.2	17.4	18.3	19.4	20.4	21.4	20.0	18.4
-87.5°	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.8	4.3	3.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559189 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	3.1	2.5	2.5	2.5	2.5	2.5	3.1	3.7	4.3	4.8	4.8
85°	16.8	15.0	15.1	15.1	15.1	15.0	16.8	18.4	20.0	21.4	20.4
82.5°	43.4	37.5	37.6	37.7	37.6	37.5	43.4	49.0	54.2	58.7	57.1
80°	64.4	55.3	56.5	57.8	56.5	55.3	64.4	73.2	81.7	89.3	92.4
77.5°	94.9	75.9	75.3	75.4	75.3	75.9	94.9	113.0	129.9	143.2	142.4
75°	125.8	104.0	102.9	103.1	102.9	104.0	125.8	147.0	167.6	183.6	183.2
72.5°	170.0	149.1	139.7	130.7	139.7	149.1	170.0	190.3	210.0	224.0	222.8
70°	265.0	265.6	256.3	243.8	256.3	265.6	265.0	264.7	265.8	267.1	265.2
67.5°	329.3	332.0	335.9	339.3	335.9	332.0	329.3	325.7	321.5	317.8	314.5
65°	402.7	402.6	404.0	404.7	404.0	402.6	402.7	400.9	396.8	393.5	389.4
62.5°	525.5	534.0	539.9	542.9	539.9	534.0	525.5	515.0	502.7	492.0	483.2
60°	606.9	613.8	623.6	633.4	623.6	613.8	606.9	598.1	587.7	576.9	565.2
57.5°	682.9	694.7	704.2	711.3	704.2	694.7	682.9	669.8	655.8	646.5	634.6
55°	753.1	766.7	779.9	791.8	779.9	766.7	753.1	737.6	721.3	717.9	709.1
52.5°	841.2	852.4	871.1	894.8	871.1	852.4	841.2	825.8	809.9	805.6	796.7
50°	953.8	970.9	994.5	1023.0	994.5	970.9	953.8	933.3	915.5	907.1	899.5
47.5°	1084.1	1101.2	1123.8	1153.7	1123.8	1101.2	1084.1	1060.9	1038.0	1014.9	985.7
45°	1428.4	1468.6	1505.4	1545.9	1505.4	1468.6	1428.4	1369.7	1305.4	1221.1	1120.7
42.5°	2790.8	2967.1	3043.2	2998.7	3043.2	2967.1	2790.8	2535.8	2217.7	1836.7	1540.8
40°	5014.5	5307.5	5480.0	5539.9	5480.0	5307.5	5014.5	4596.8	4048.9	3409.4	2847.3
37.5°	7198.8	7468.5	7614.0	7631.2	7614.0	7468.5	7198.8	6793.3	6238.2	5573.4	4796.3
35°	8970.7	9192.9	9324.5	9423.4	9324.5	9192.9	8970.7	8635.9	8172.2	7556.2	6788.6
32.5°	10562.0	10815.2	10961.6	10929.1	10961.6	10815.2	10562.0	10212.0	9782.1	9230.0	8529.8
30°	12048.6	12325.5	12497.4	12502.6	12497.4	12325.5	12048.6	11662.0	11190.4	10628.5	10003.5
27.5°	13518.3	13829.2	14008.5	14149.0	14008.5	13829.2	13518.3	13067.5	12509.9	11918.3	11229.2
25°	15086.2	15473.7	15703.9	15843.1	15703.9	15473.7	15086.2	14545.3	13896.6	13204.3	12432.8
22.5°	16776.7	17256.7	17572.1	17703.2	17572.1	17256.7	16776.7	16129.7	15344.9	14500.0	13601.9
20°	18615.5	19210.4	19613.1	19600.9	19613.1	19210.4	18615.5	17793.6	16848.6	15830.8	14794.5
17.5°	20667.3	21434.6	21953.9	22029.0	21953.9	21434.6	20667.3	19581.8	18451.4	17269.5	16019.4
15°	22867.1	23856.3	24527.9	24736.2	24527.9	23856.3	22867.1	21590.9	20150.0	18735.3	17248.4
12.5°	25121.2	26297.9	27193.3	27491.0	27193.3	26297.9	25121.2	23608.3	21838.3	20190.4	18473.2
10°	27269.0	28572.4	29544.2	29974.5	29544.2	28572.4	27269.0	25474.0	23567.1	21615.9	19566.6
7.5°	29064.5	30388.8	31389.9	31744.0	31389.9	30388.8	29064.5	27257.0	24987.1	22815.8	20598.2
5°	30247.4	31694.2	32472.6	32910.3	32472.6	31694.2	30247.4	28353.5	26108.7	23729.7	21351.4
2.5°	31037.6	32264.5	33052.9	33455.8	33052.9	32264.5	31037.6	29173.0	26959.7	24363.9	21851.8
0°	31457.5	32706.7	33284.9	33480.9	33284.9	32706.7	31457.5	29592.4	27320.1	24623.1	22172.3
-2.5°	31037.6	32264.5	33052.9	33455.8	33052.9	32264.5	31037.6	29173.0	26959.7	24363.9	21851.8
-5°	30247.4	31694.2	32472.6	32910.3	32472.6	31694.2	30247.4	28353.5	26108.7	23729.7	21351.4
-7.5°	29064.5	30388.8	31389.9	31744.0	31389.9	30388.8	29064.5	27257.0	24987.1	22815.8	20598.2
-10°	27269.0	28572.4	29544.2	29974.5	29544.2	28572.4	27269.0	25474.0	23567.1	21615.9	19566.6
-12.5°	25121.2	26297.9	27193.3	27491.0	27193.3	26297.9	25121.2	23608.3	21838.3	20190.4	18473.2
-15°	22867.1	23856.3	24527.9	24736.2	24527.9	23856.3	22867.1	21590.9	20150.0	18735.3	17248.4
-17.5°	20667.3	21434.6	21953.9	22029.0	21953.9	21434.6	20667.3	19581.8	18451.4	17269.5	16019.4
-20°	18615.5	19210.4	19613.1	19600.9	19613.1	19210.4	18615.5	17793.6	16848.6	15830.8	14794.5



REPORT NUMBER: P559189 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	16776.7	17256.7	17572.1	17703.2	17572.1	17256.7	16776.7	16129.7	15344.9	14500.0	13601.9
-25°	15086.2	15473.7	15703.9	15843.1	15703.9	15473.7	15086.2	14545.3	13896.6	13204.3	12432.8
-27.5°	13518.3	13829.2	14008.5	14149.0	14008.5	13829.2	13518.3	13067.5	12509.9	11918.3	11229.2
-30°	12048.6	12325.5	12497.4	12502.6	12497.4	12325.5	12048.6	11662.0	11190.4	10628.5	10003.5
-32.5°	10562.0	10815.2	10961.6	10929.1	10961.6	10815.2	10562.0	10212.0	9782.1	9230.0	8529.8
-35°	8970.7	9192.9	9324.5	9423.4	9324.5	9192.9	8970.7	8635.9	8172.2	7556.2	6788.6
-37.5°	7198.8	7468.5	7614.0	7631.2	7614.0	7468.5	7198.8	6793.3	6238.2	5573.4	4796.3
-40°	5014.5	5307.5	5480.0	5539.9	5480.0	5307.5	5014.5	4596.8	4048.9	3409.4	2847.3
-42.5°	2790.8	2967.1	3043.2	2998.7	3043.2	2967.1	2790.8	2535.8	2217.7	1836.7	1540.8
-45°	1428.4	1468.6	1505.4	1545.9	1505.4	1468.6	1428.4	1369.7	1305.4	1221.1	1120.7
-47.5°	1084.1	1101.2	1123.8	1153.7	1123.8	1101.2	1084.1	1060.9	1038.0	1014.9	985.7
-50°	953.8	970.9	994.5	1023.0	994.5	970.9	953.8	933.3	915.5	907.1	899.5
-52.5°	841.2	852.4	871.1	894.8	871.1	852.4	841.2	825.8	809.9	805.6	796.7
-55°	753.1	766.7	779.9	791.8	779.9	766.7	753.1	737.6	721.3	717.9	709.1
-57.5°	682.9	694.7	704.2	711.3	704.2	694.7	682.9	669.8	655.8	646.5	634.6
-60°	606.9	613.8	623.6	633.4	623.6	613.8	606.9	598.1	587.7	576.9	565.2
-62.5°	525.5	534.0	539.9	542.9	539.9	534.0	525.5	515.0	502.7	492.0	483.2
-65°	402.7	402.6	404.0	404.7	404.0	402.6	402.7	400.9	396.8	393.5	389.4
-67.5°	329.3	332.0	335.9	339.3	335.9	332.0	329.3	325.7	321.5	317.8	314.5
-70°	265.0	265.6	256.3	243.8	256.3	265.6	265.0	264.7	265.8	267.1	265.2
-72.5°	170.0	149.1	139.7	130.7	139.7	149.1	170.0	190.3	210.0	224.0	222.8
-75°	125.8	104.0	102.9	103.1	102.9	104.0	125.8	147.0	167.6	183.6	183.2
-77.5°	94.9	75.9	75.3	75.4	75.3	75.9	94.9	113.0	129.9	143.2	142.4
-80°	64.4	55.3	56.5	57.8	56.5	55.3	64.4	73.2	81.7	89.3	92.4
-82.5°	43.4	37.5	37.6	37.7	37.6	37.5	43.4	49.0	54.2	58.7	57.1
-85°	16.8	15.0	15.1	15.1	15.1	15.0	16.8	18.4	20.0	21.4	20.4
-87.5°	3.1	2.5	2.5	2.5	2.5	2.5	3.1	3.7	4.3	4.8	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: P559189 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.8	3.7	3.5
85°	19.4	18.3	17.4	19.2	20.7	21.9	22.6	20.1	17.7	15.4	13.4
82.5°	55.3	53.1	50.9	51.2	51.4	51.4	50.7	44.5	38.7	33.2	28.8
80°	94.7	96.0	95.9	94.0	91.9	89.5	85.4	74.2	64.1	55.2	49.0
77.5°	141.5	140.7	139.6	136.3	133.0	129.9	123.5	107.0	90.9	76.4	68.7
75°	182.2	180.8	178.0	173.3	168.2	162.6	153.2	136.7	119.5	101.6	92.1
72.5°	221.1	218.9	215.0	209.1	202.7	196.1	186.8	172.5	154.8	133.6	123.1
70°	262.6	259.3	254.3	247.0	239.2	231.3	223.9	213.7	199.2	181.0	170.5
67.5°	310.1	304.5	299.1	291.4	283.9	274.3	267.8	259.1	248.1	232.7	221.0
65°	381.2	368.4	360.7	359.6	352.4	338.3	322.8	312.9	302.3	287.8	271.7
62.5°	475.7	470.1	455.8	440.3	428.3	418.2	399.3	378.4	360.4	344.0	324.8
60°	552.3	539.4	527.5	513.2	496.6	480.6	464.9	444.5	419.2	398.6	377.6
57.5°	619.2	606.6	598.5	584.9	565.5	549.1	532.0	511.4	486.5	456.7	430.3
55°	694.2	684.7	676.2	663.4	645.8	623.6	601.6	579.5	551.6	515.8	483.3
52.5°	783.6	771.9	759.2	745.5	725.0	697.5	671.5	645.4	613.0	574.2	534.7
50°	887.8	863.9	842.8	824.7	797.9	767.3	736.2	706.8	668.5	628.6	587.5
47.5°	965.9	945.5	921.8	895.7	865.4	832.6	797.8	760.7	720.7	679.1	635.9
45°	1083.2	1039.1	992.8	963.7	929.7	894.1	857.1	814.8	771.1	726.8	681.3
42.5°	1387.9	1222.8	1115.9	1054.2	997.6	957.6	912.8	867.2	820.6	773.2	725.1
40°	2275.7	1634.2	1419.7	1210.9	1100.6	1029.0	971.0	917.6	868.1	817.9	767.2
37.5°	3904.0	2994.9	2254.7	1585.5	1336.2	1126.2	1038.9	969.9	913.6	861.3	807.9
35°	5949.4	4901.6	3688.0	2699.4	1791.2	1398.7	1128.7	1031.9	960.0	903.2	847.0
32.5°	7726.2	6705.7	5533.2	4173.4	2924.3	1887.5	1393.6	1114.4	1011.1	944.8	884.9
30°	9237.5	8294.6	7175.1	5820.6	4324.7	2916.7	1781.3	1325.9	1087.5	984.3	921.2
27.5°	10470.5	9624.6	8576.5	7344.5	5818.6	4163.7	2702.8	1589.0	1202.1	1043.6	955.6
25°	11602.9	10710.7	9727.4	8577.6	7188.9	5519.7	3711.2	2282.1	1427.4	1107.0	987.7
22.5°	12678.3	11730.7	10720.6	9606.4	8321.1	6725.8	4922.2	3053.1	1654.7	1221.7	1037.4
20°	13718.0	12673.6	11621.1	10463.5	9179.8	7788.7	6018.6	3977.2	2303.8	1396.0	1084.7
17.5°	14783.0	13587.8	12395.7	11217.5	9916.4	8519.8	6873.0	4906.4	2867.9	1552.8	1125.5
15°	15791.8	14456.6	13141.4	11845.8	10544.8	9129.6	7586.4	5734.1	3428.0	1870.2	1241.5
12.5°	16813.1	15258.9	13831.2	12378.7	11073.3	9638.4	8092.1	6298.9	4085.0	2258.8	1356.8
10°	17738.2	15994.9	14411.8	12874.8	11467.2	10044.4	8498.7	6752.8	4625.3	2578.4	1451.4
7.5°	18531.0	16635.1	14895.1	13279.2	11783.7	10383.1	8847.7	7115.1	5032.3	2825.2	1525.2
5°	19142.5	17102.8	15266.5	13610.8	12029.6	10613.9	9102.9	7378.9	5306.5	2998.6	1578.3
2.5°	19510.5	17386.1	15484.4	13816.6	12182.4	10745.6	9238.0	7547.6	5481.2	3110.4	1617.6
0°	19668.8	17471.9	15644.5	13955.4	12241.1	10800.9	9234.9	7611.1	5545.0	3152.0	1636.3
-2.5°	19510.5	17386.1	15484.4	13816.6	12182.4	10745.6	9238.0	7547.6	5481.2	3110.4	1617.6
-5°	19142.5	17102.8	15266.5	13610.8	12029.6	10613.9	9102.9	7378.9	5306.5	2998.6	1578.3
-7.5°	18531.0	16635.1	14895.1	13279.2	11783.7	10383.1	8847.7	7115.1	5032.3	2825.2	1525.2
-10°	17738.2	15994.9	14411.8	12874.8	11467.2	10044.4	8498.7	6752.8	4625.3	2578.4	1451.4
-12.5°	16813.1	15258.9	13831.2	12378.7	11073.3	9638.4	8092.1	6298.9	4085.0	2258.8	1356.8
-15°	15791.8	14456.6	13141.4	11845.8	10544.8	9129.6	7586.4	5734.1	3428.0	1870.2	1241.5
-17.5°	14783.0	13587.8	12395.7	11217.5	9916.4	8519.8	6873.0	4906.4	2867.9	1552.8	1125.5
-20°	13718.0	12673.6	11621.1	10463.5	9179.8	7788.7	6018.6	3977.2	2303.8	1396.0	1084.7



REPORT NUMBER: P559189 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	12678.3	11730.7	10720.6	9606.4	8321.1	6725.8	4922.2	3053.1	1654.7	1221.7	1037.4
-25°	11602.9	10710.7	9727.4	8577.6	7188.9	5519.7	3711.2	2282.1	1427.4	1107.0	987.7
-27.5°	10470.5	9624.6	8576.5	7344.5	5818.6	4163.7	2702.8	1589.0	1202.1	1043.6	955.6
-30°	9237.5	8294.6	7175.1	5820.6	4324.7	2916.7	1781.3	1325.9	1087.5	984.3	921.2
-32.5°	7726.2	6705.7	5533.2	4173.4	2924.3	1887.5	1393.6	1114.4	1011.1	944.8	884.9
-35°	5949.4	4901.6	3688.0	2699.4	1791.2	1398.7	1128.7	1031.9	960.0	903.2	847.0
-37.5°	3904.0	2994.9	2254.7	1585.5	1336.2	1126.2	1038.9	969.9	913.6	861.3	807.9
-40°	2275.7	1634.2	1419.7	1210.9	1100.6	1029.0	971.0	917.6	868.1	817.9	767.2
-42.5°	1387.9	1222.8	1115.9	1054.2	997.6	957.6	912.8	867.2	820.6	773.2	725.1
-45°	1083.2	1039.1	992.8	963.7	929.7	894.1	857.1	814.8	771.1	726.8	681.3
-47.5°	965.9	945.5	921.8	895.7	865.4	832.6	797.8	760.7	720.7	679.1	635.9
-50°	887.8	863.9	842.8	824.7	797.9	767.3	736.2	706.8	668.5	628.6	587.5
-52.5°	783.6	771.9	759.2	745.5	725.0	697.5	671.5	645.4	613.0	574.2	534.7
-55°	694.2	684.7	676.2	663.4	645.8	623.6	601.6	579.5	551.6	515.8	483.3
-57.5°	619.2	606.6	598.5	584.9	565.5	549.1	532.0	511.4	486.5	456.7	430.3
-60°	552.3	539.4	527.5	513.2	496.6	480.6	464.9	444.5	419.2	398.6	377.6
-62.5°	475.7	470.1	455.8	440.3	428.3	418.2	399.3	378.4	360.4	344.0	324.8
-65°	381.2	368.4	360.7	359.6	352.4	338.3	322.8	312.9	302.3	287.8	271.7
-67.5°	310.1	304.5	299.1	291.4	283.9	274.3	267.8	259.1	248.1	232.7	221.0
-70°	262.6	259.3	254.3	247.0	239.2	231.3	223.9	213.7	199.2	181.0	170.5
-72.5°	221.1	218.9	215.0	209.1	202.7	196.1	186.8	172.5	154.8	133.6	123.1
-75°	182.2	180.8	178.0	173.3	168.2	162.6	153.2	136.7	119.5	101.6	92.1
-77.5°	141.5	140.7	139.6	136.3	133.0	129.9	123.5	107.0	90.9	76.4	68.7
-80°	94.7	96.0	95.9	94.0	91.9	89.5	85.4	74.2	64.1	55.2	49.0
-82.5°	55.3	53.1	50.9	51.2	51.4	51.4	50.7	44.5	38.7	33.2	28.8
-85°	19.4	18.3	17.4	19.2	20.7	21.9	22.6	20.1	17.7	15.4	13.4
-87.5°	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.8	3.7	3.5
-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: P559189 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	4.2	4.9	5.4	5.8	6.1	6.3	6.4	6.4	6.0	5.6	5.1
85°	14.3	14.8	14.9	14.6	13.6	12.6	12.8	12.8	12.0	11.2	10.2
82.5°	30.0	31.1	31.9	31.8	29.8	27.7	25.5	23.2	20.6	17.2	15.3
80°	51.8	53.5	54.0	52.6	47.6	42.7	39.3	36.0	33.4	29.7	24.9
77.5°	73.8	77.2	78.6	76.8	69.9	63.1	56.2	50.1	46.3	42.3	36.8
75°	96.6	101.7	104.7	102.8	94.2	83.4	74.7	67.4	62.1	55.2	48.7
72.5°	125.4	127.9	130.6	130.1	122.5	111.7	97.6	85.0	79.1	71.2	61.5
70°	163.8	156.7	155.0	153.9	149.3	140.9	126.7	110.1	96.3	87.4	76.4
67.5°	210.9	201.0	190.8	180.0	174.5	166.9	155.6	136.1	117.9	103.6	91.4
65°	257.4	244.2	231.8	216.0	203.0	192.9	181.4	160.6	138.7	120.6	106.4
62.5°	304.9	285.5	268.8	250.5	233.3	219.2	206.8	183.2	158.7	136.8	119.9
60°	354.7	331.3	305.9	283.8	263.1	244.3	227.8	205.6	179.0	152.2	132.3
57.5°	405.2	377.8	346.8	317.9	293.0	270.1	247.7	225.1	199.0	169.4	143.2
55°	454.9	424.9	387.6	353.1	323.1	296.7	268.5	243.0	217.8	186.9	151.2
52.5°	499.4	468.0	430.8	389.3	353.2	322.2	291.1	260.6	233.8	204.0	162.0
50°	544.8	505.8	470.4	429.1	383.3	347.4	313.0	280.1	249.4	219.9	172.2
47.5°	592.0	546.6	505.1	466.4	419.5	371.8	335.0	299.2	264.6	233.5	181.1
45°	635.4	588.4	540.8	497.8	453.3	400.2	356.7	317.6	281.0	240.4	188.7
42.5°	676.5	627.4	577.6	528.2	481.6	428.2	377.5	336.3	296.7	245.7	194.1
40°	715.9	664.2	612.3	560.7	509.9	453.7	400.3	354.4	310.7	250.4	197.6
37.5°	753.4	699.3	644.9	591.8	538.6	480.1	421.3	371.8	317.5	255.5	200.1
35°	789.8	732.4	677.3	621.6	565.8	506.7	440.1	388.5	327.7	259.8	201.5
32.5°	824.4	764.8	708.0	650.4	591.5	533.6	461.2	403.6	340.1	263.4	201.8
30°	858.0	796.5	736.8	677.8	615.9	556.1	484.9	418.6	354.4	266.0	201.8
27.5°	890.2	825.7	763.7	702.9	639.6	576.7	508.1	433.2	370.6	271.2	203.1
25°	919.7	853.0	788.7	725.9	661.9	596.6	529.5	447.6	384.1	282.1	203.7
22.5°	947.1	877.8	811.3	747.0	683.6	615.7	547.6	465.3	395.2	293.5	203.5
20°	972.0	899.8	832.5	769.3	703.3	633.9	563.0	481.3	405.6	305.1	202.4
17.5°	996.9	922.8	856.8	790.4	721.5	650.4	577.3	495.6	415.3	316.5	200.5
15°	1036.1	947.7	879.0	810.2	738.4	665.2	590.5	508.2	424.0	327.5	199.9
12.5°	1071.4	969.9	898.9	828.6	753.8	678.2	602.3	519.0	431.8	335.1	200.7
10°	1101.2	989.4	916.4	845.2	767.6	689.4	612.7	528.2	438.3	338.2	200.3
7.5°	1125.5	1006.1	931.6	860.0	780.4	700.2	622.3	536.0	444.6	338.5	198.6
5°	1146.4	1024.3	950.6	876.2	795.5	710.7	630.4	541.9	450.3	336.2	196.0
2.5°	1170.3	1046.5	971.7	890.6	808.6	719.6	636.7	545.9	454.8	331.4	192.6
0°	1188.9	1065.8	990.4	902.4	819.4	726.4	641.0	548.0	457.5	324.3	188.5
-2.5°	1170.3	1046.5	971.7	890.6	808.6	719.6	636.7	545.9	454.8	331.4	192.6
-5°	1146.4	1024.3	950.6	876.2	795.5	710.7	630.4	541.9	450.3	336.2	196.0
-7.5°	1125.5	1006.1	931.6	860.0	780.4	700.2	622.3	536.0	444.6	338.5	198.6
-10°	1101.2	989.4	916.4	845.2	767.6	689.4	612.7	528.2	438.3	338.2	200.3
-12.5°	1071.4	969.9	898.9	828.6	753.8	678.2	602.3	519.0	431.8	335.1	200.7
-15°	1036.1	947.7	879.0	810.2	738.4	665.2	590.5	508.2	424.0	327.5	199.9
-17.5°	996.9	922.8	856.8	790.4	721.5	650.4	577.3	495.6	415.3	316.5	200.5
-20°	972.0	899.8	832.5	769.3	703.3	633.9	563.0	481.3	405.6	305.1	202.4



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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°	947.1	877.8	811.3	747.0	683.6	615.7	547.6	465.3	395.2	293.5	203.5
-25°	919.7	853.0	788.7	725.9	661.9	596.6	529.5	447.6	384.1	282.1	203.7
-27.5°	890.2	825.7	763.7	702.9	639.6	576.7	508.1	433.2	370.6	271.2	203.1
-30°	858.0	796.5	736.8	677.8	615.9	556.1	484.9	418.6	354.4	266.0	201.8
-32.5°	824.4	764.8	708.0	650.4	591.5	533.6	461.2	403.6	340.1	263.4	201.8
-35°	789.8	732.4	677.3	621.6	565.8	506.7	440.1	388.5	327.7	259.8	201.5
-37.5°	753.4	699.3	644.9	591.8	538.6	480.1	421.3	371.8	317.5	255.5	200.1
-40°	715.9	664.2	612.3	560.7	509.9	453.7	400.3	354.4	310.7	250.4	197.6
-42.5°	676.5	627.4	577.6	528.2	481.6	428.2	377.5	336.3	296.7	245.7	194.1
-45°	635.4	588.4	540.8	497.8	453.3	400.2	356.7	317.6	281.0	240.4	188.7
-47.5°	592.0	546.6	505.1	466.4	419.5	371.8	335.0	299.2	264.6	233.5	181.1
-50°	544.8	505.8	470.4	429.1	383.3	347.4	313.0	280.1	249.4	219.9	172.2
-52.5°	499.4	468.0	430.8	389.3	353.2	322.2	291.1	260.6	233.8	204.0	162.0
-55°	454.9	424.9	387.6	353.1	323.1	296.7	268.5	243.0	217.8	186.9	151.2
-57.5°	405.2	377.8	346.8	317.9	293.0	270.1	247.7	225.1	199.0	169.4	143.2
-60°	354.7	331.3	305.9	283.8	263.1	244.3	227.8	205.6	179.0	152.2	132.3
-62.5°	304.9	285.5	268.8	250.5	233.3	219.2	206.8	183.2	158.7	136.8	119.9
-65°	257.4	244.2	231.8	216.0	203.0	192.9	181.4	160.6	138.7	120.6	106.4
-67.5°	210.9	201.0	190.8	180.0	174.5	166.9	155.6	136.1	117.9	103.6	91.4
-70°	163.8	156.7	155.0	153.9	149.3	140.9	126.7	110.1	96.3	87.4	76.4
-72.5°	125.4	127.9	130.6	130.1	122.5	111.7	97.6	85.0	79.1	71.2	61.5
-75°	96.6	101.7	104.7	102.8	94.2	83.4	74.7	67.4	62.1	55.2	48.7
-77.5°	73.8	77.2	78.6	76.8	69.9	63.1	56.2	50.1	46.3	42.3	36.8
-80°	51.8	53.5	54.0	52.6	47.6	42.7	39.3	36.0	33.4	29.7	24.9
-82.5°	30.0	31.1	31.9	31.8	29.8	27.7	25.5	23.2	20.6	17.2	15.3
-85°	14.3	14.8	14.9	14.6	13.6	12.6	12.8	12.8	12.0	11.2	10.2
-87.5°	4.2	4.9	5.4	5.8	6.1	6.3	6.4	6.4	6.0	5.6	5.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	4.6	3.5	2.6	1.8	1.1	0.5	0.0
85°	9.1	7.1	5.2	3.6	2.2	1.1	0.0
82.5°	13.6	10.6	7.8	5.4	3.3	1.6	0.0
80°	18.8	14.0	10.4	7.2	4.4	2.2	0.0
77.5°	29.5	19.1	12.9	8.9	5.4	2.7	0.0
75°	39.9	27.2	16.0	10.6	6.5	3.3	0.0
72.5°	50.2	35.2	21.9	12.3	7.6	3.8	0.0
70°	60.4	43.0	27.7	14.4	8.6	4.3	0.0
67.5°	72.3	50.5	33.3	18.3	9.6	4.8	0.0
65°	83.7	58.5	38.7	22.1	10.6	5.3	0.0
62.5°	94.7	67.0	43.9	25.7	11.6	5.8	0.0
60°	105.0	75.1	48.9	29.2	12.6	6.3	0.0
57.5°	112.1	82.8	54.6	32.6	14.8	6.8	0.0
55°	118.0	90.0	60.1	35.8	16.9	7.2	0.0
52.5°	123.2	96.2	65.2	38.9	19.0	7.7	0.0
50°	127.4	99.2	69.9	41.7	21.0	8.1	0.0
47.5°	131.3	101.7	74.3	44.5	22.9	8.5	0.0
45°	137.7	103.6	78.4	47.5	24.7	8.9	0.0
42.5°	143.1	104.8	82.0	50.2	26.5	9.3	0.0
40°	147.5	105.4	83.9	53.1	28.1	9.7	0.0
37.5°	150.9	105.4	84.2	56.1	29.7	10.0	0.0
35°	153.3	106.7	84.1	59.0	31.1	10.3	0.0
32.5°	154.5	108.4	83.6	61.8	32.5	10.6	0.0
30°	154.4	109.4	82.7	64.6	33.7	10.9	0.0
27.5°	153.5	109.7	83.6	67.2	34.8	11.2	0.0
25°	151.8	109.3	84.6	69.7	35.9	11.4	0.0
22.5°	149.4	109.6	85.4	72.1	36.8	11.6	0.0
20°	146.2	112.4	86.1	74.3	37.6	11.8	0.0
17.5°	146.4	114.9	86.7	76.4	38.3	12.0	0.0
15°	148.6	117.1	87.1	78.3	38.9	12.2	0.0
12.5°	150.3	119.0	87.4	80.0	39.4	12.3	0.0
10°	151.7	120.5	87.7	81.6	39.8	12.4	0.0
7.5°	152.7	121.7	87.8	82.9	40.0	12.5	0.0
5°	153.2	122.5	87.9	84.0	40.2	12.6	0.0
2.5°	153.5	123.0	88.0	84.9	40.3	12.6	0.0
0°	153.3	123.2	88.0	85.5	40.2	12.6	0.0
-2.5°	153.5	123.0	88.0	84.9	40.3	12.6	0.0
-5°	153.2	122.5	87.9	84.0	40.2	12.6	0.0
-7.5°	152.7	121.7	87.8	82.9	40.0	12.5	0.0
-10°	151.7	120.5	87.7	81.6	39.8	12.4	0.0
-12.5°	150.3	119.0	87.4	80.0	39.4	12.3	0.0
-15°	148.6	117.1	87.1	78.3	38.9	12.2	0.0
-17.5°	146.4	114.9	86.7	76.4	38.3	12.0	0.0
-20°	146.2	112.4	86.1	74.3	37.6	11.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	149.4	109.6	85.4	72.1	36.8	11.6	0.0
-25°	151.8	109.3	84.6	69.7	35.9	11.4	0.0
-27.5°	153.5	109.7	83.6	67.2	34.8	11.2	0.0
-30°	154.4	109.4	82.7	64.6	33.7	10.9	0.0
-32.5°	154.5	108.4	83.6	61.8	32.5	10.6	0.0
-35°	153.3	106.7	84.1	59.0	31.1	10.3	0.0
-37.5°	150.9	105.4	84.2	56.1	29.7	10.0	0.0
-40°	147.5	105.4	83.9	53.1	28.1	9.7	0.0
-42.5°	143.1	104.8	82.0	50.2	26.5	9.3	0.0
-45°	137.7	103.6	78.4	47.5	24.7	8.9	0.0
-47.5°	131.3	101.7	74.3	44.5	22.9	8.5	0.0
-50°	127.4	99.2	69.9	41.7	21.0	8.1	0.0
-52.5°	123.2	96.2	65.2	38.9	19.0	7.7	0.0
-55°	118.0	90.0	60.1	35.8	16.9	7.2	0.0
-57.5°	112.1	82.8	54.6	32.6	14.8	6.8	0.0
-60°	105.0	75.1	48.9	29.2	12.6	6.3	0.0
-62.5°	94.7	67.0	43.9	25.7	11.6	5.8	0.0
-65°	83.7	58.5	38.7	22.1	10.6	5.3	0.0
-67.5°	72.3	50.5	33.3	18.3	9.6	4.8	0.0
-70°	60.4	43.0	27.7	14.4	8.6	4.3	0.0
-72.5°	50.2	35.2	21.9	12.3	7.6	3.8	0.0
-75°	39.9	27.2	16.0	10.6	6.5	3.3	0.0
-77.5°	29.5	19.1	12.9	8.9	5.4	2.7	0.0
-80°	18.8	14.0	10.4	7.2	4.4	2.2	0.0
-82.5°	13.6	10.6	7.8	5.4	3.3	1.6	0.0
-85°	9.1	7.1	5.2	3.6	2.2	1.1	0.0
-87.5°	4.6	3.5	2.6	1.8	1.1	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)