

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: P559165 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-927-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559165 (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-927-U-MWR-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (96) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

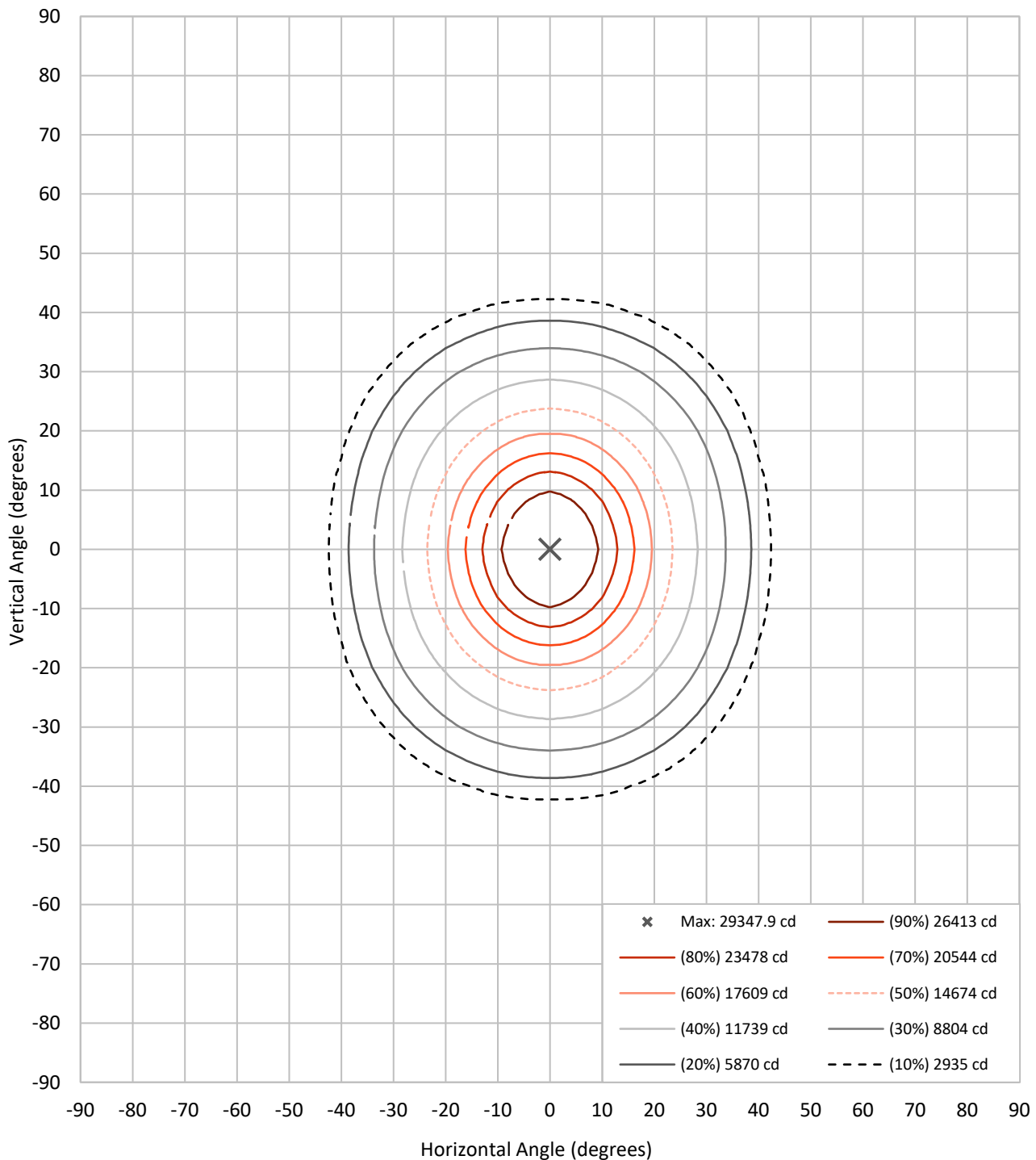
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	22845.7 lumens	Max Intensity:	29347.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	94.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	10780.1 lumens	Field Lumens:	20743.9 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





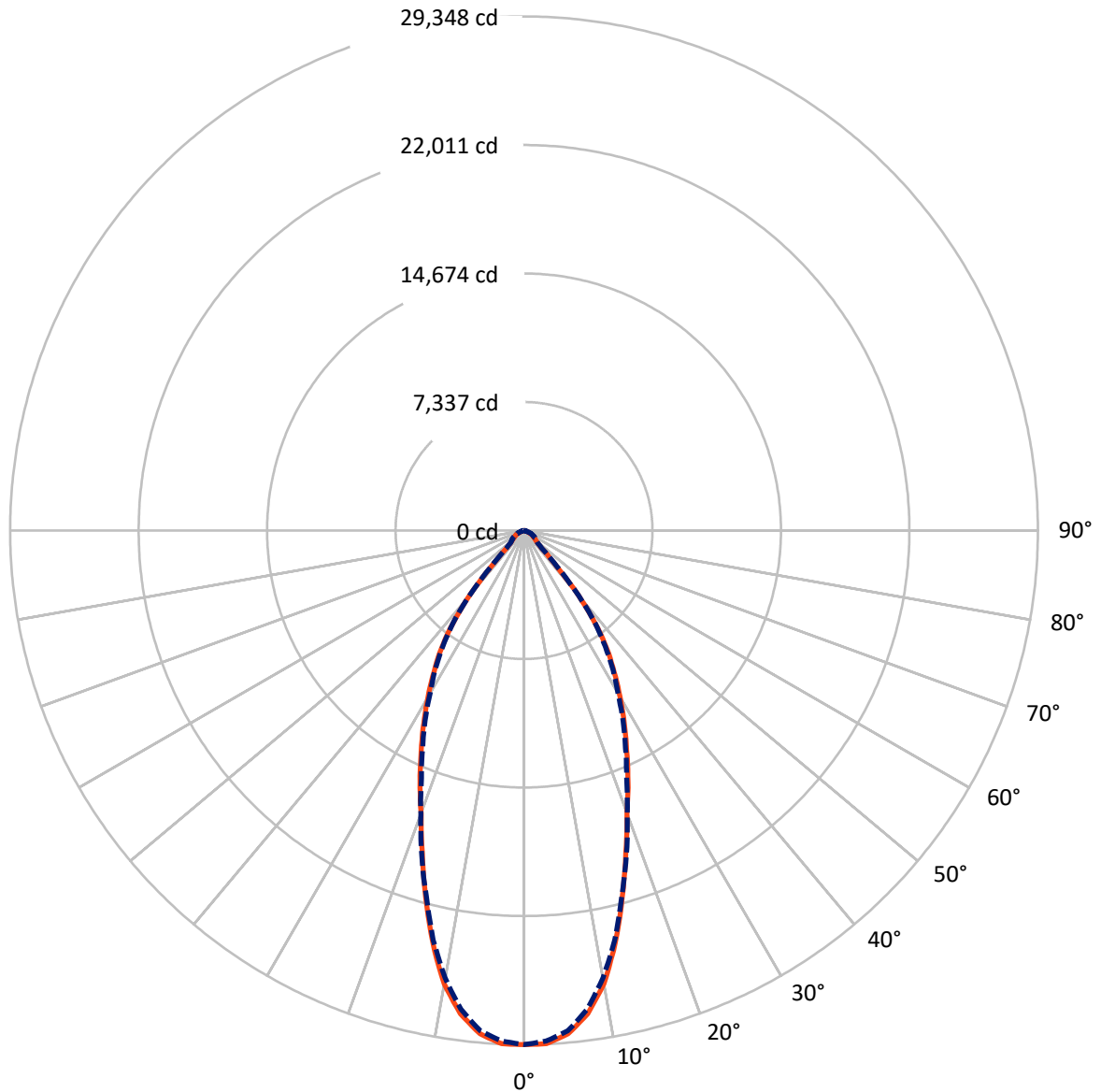
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Lumen Table

90																
80	0.4	2.8		6.3		10.3		8.0		10.3		6.3		2.8		0.4
70																
60	1.6	1.8	3.3	5.2	7.3	9.1	10.5	11.3	11.3	10.5	9.1	7.3	5.2	3.3	1.8	1.6
50		2.8	5.5	9.2	13.1	16.4	18.7	20.7	20.7	18.7	16.4	13.1	9.2	5.5	2.8	
40	2.4	3.6	7.6	12.9	18.7	25.6	40.6	56.8	56.8	40.6	25.6	18.7	12.9	7.6	3.6	2.4
30		4.4	9.6	16.0	30.1	96.3	187.5	238.8	238.8	187.5	96.3	30.1	16.0	9.6	4.4	
20	2.7	5.2	11.2	20.1	88.0	230.0	339.4	411.0	411.0	339.4	230.0	88.0	20.1	11.2	5.2	2.7
10		5.8	12.4	30.8	160.1	317.5	482.3	627.8	627.8	482.3	317.5	160.1	30.8	12.4	5.8	
0	2.8	6.2	13.4	42.4	195.0	370.4	606.7	820.5	820.5	606.7	370.4	195.0	42.4	13.4	6.2	2.8
-10		6.2	13.4	42.4	195.0	370.4	606.7	820.5	820.5	606.7	370.4	195.0	42.4	13.4	6.2	
-20	2.7	5.8	12.4	30.8	160.1	317.5	482.3	627.8	627.8	482.3	317.5	160.1	30.8	12.4	5.8	2.7
-30		5.2	11.2	20.1	88.0	230.0	339.4	411.0	411.0	339.4	230.0	88.0	20.1	11.2	5.2	
-40	2.4	4.4	9.6	16.0	30.1	96.3	187.5	238.8	238.8	187.5	96.3	30.1	16.0	9.6	4.4	2.4
-50		3.6	7.6	12.9	18.7	25.6	40.6	56.8	56.8	40.6	25.6	18.7	12.9	7.6	3.6	
-60	1.6	2.8	5.5	9.2	13.1	16.4	18.7	20.7	20.7	18.7	16.4	13.1	9.2	5.5	2.8	1.6
-70		1.8	3.3	5.2	7.3	9.1	10.5	11.3	11.3	10.5	9.1	7.3	5.2	3.3	1.8	
-80																
-90	0.4	2.8		6.3		10.3		8.0		10.3		6.3		2.8		0.4

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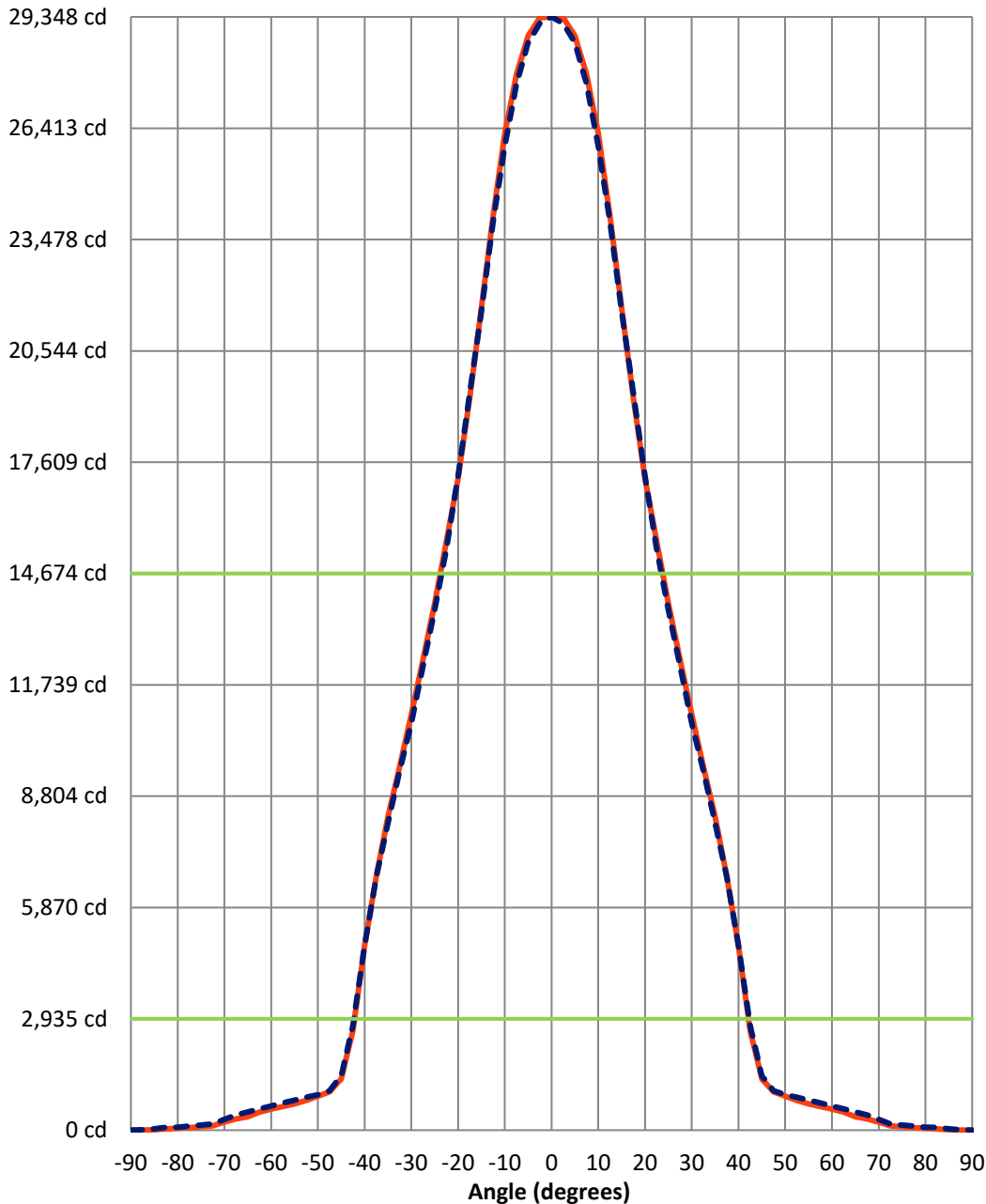
Luminous Intensity Polar Plot



— 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: 10780.1
Efficiency: 47.2%

Field:
H Angle: 84.6°
V Angle: 84.3°
Lumens: 20743.9
Efficiency: 90.8%

Spill:
Lumens: 2101.9
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	1.0	1.6	2.3	3.1	4.0	4.5	4.9	5.3	5.6
85°	0.0	1.0	1.9	3.2	4.6	6.2	7.9	8.9	9.8	10.5	11.2
82.5°	0.0	1.4	2.9	4.7	6.8	9.2	11.9	13.4	15.1	18.1	20.3
80°	0.0	1.9	3.8	6.3	9.1	12.3	16.4	21.8	26.1	29.3	31.6
77.5°	0.0	2.4	4.8	7.8	11.3	16.7	25.8	32.3	37.1	40.7	43.9
75°	0.0	2.8	5.7	9.3	14.0	23.9	35.0	42.8	48.4	54.5	59.1
72.5°	0.0	3.3	6.6	10.8	19.2	30.9	44.0	53.9	62.5	69.3	74.5
70°	0.0	3.8	7.5	12.6	24.3	37.7	53.0	67.0	76.6	84.4	96.5
67.5°	0.0	4.2	8.4	16.0	29.2	44.3	63.4	80.1	90.8	103.4	119.3
65°	0.0	4.6	9.3	19.3	34.0	51.3	73.4	93.2	105.7	121.6	140.8
62.5°	0.0	5.1	10.1	22.6	38.6	58.8	83.0	105.1	119.9	139.1	160.6
60°	0.0	5.5	11.0	25.6	42.9	65.9	92.0	115.9	133.4	156.9	180.2
57.5°	0.0	5.9	12.9	28.6	47.9	72.6	98.2	125.5	148.5	174.4	197.3
55°	0.0	6.3	14.8	31.4	52.7	78.9	103.5	132.5	163.9	191.0	213.0
52.5°	0.0	6.7	16.6	34.1	57.2	84.3	108.0	142.0	178.8	204.9	228.4
50°	0.0	7.1	18.4	36.6	61.3	87.0	111.7	150.9	192.8	218.6	245.5
47.5°	0.0	7.4	20.1	39.1	65.2	89.2	115.1	158.7	204.6	231.9	262.3
45°	0.0	7.8	21.7	41.7	68.7	90.8	120.7	165.4	210.7	246.3	278.4
42.5°	0.0	8.1	23.2	44.1	71.9	91.9	125.4	170.1	215.4	260.1	294.8
40°	0.0	8.4	24.7	46.6	73.6	92.4	129.3	173.2	219.5	272.4	310.7
37.5°	0.0	8.7	26.0	49.2	73.8	92.3	132.3	175.4	224.0	278.3	325.8
35°	0.0	9.0	27.3	51.8	73.7	93.5	134.4	176.6	227.8	287.2	340.5
32.5°	0.0	9.3	28.5	54.2	73.2	95.0	135.5	176.9	230.8	298.1	353.8
30°	0.0	9.5	29.6	56.6	72.5	95.9	135.4	176.9	233.2	310.7	366.9
27.5°	0.0	9.8	30.6	58.9	73.3	96.1	134.5	178.1	237.7	324.9	379.7
25°	0.0	10.0	31.5	61.1	74.1	95.8	133.1	178.6	247.3	336.7	392.4
22.5°	0.0	10.2	32.3	63.2	74.9	96.1	130.9	178.4	257.3	346.4	407.9
20°	0.0	10.3	33.0	65.1	75.5	98.5	128.2	177.4	267.4	355.6	421.9
17.5°	0.0	10.5	33.6	66.9	75.9	100.7	128.4	175.8	277.4	364.0	434.5
15°	0.0	10.6	34.2	68.6	76.3	102.7	130.3	175.2	287.1	371.7	445.5
12.5°	0.0	10.7	34.6	70.1	76.6	104.3	131.8	176.0	293.7	378.6	455.0
10°	0.0	10.8	34.9	71.5	76.8	105.6	133.0	175.5	296.4	384.2	463.0
7.5°	0.0	10.9	35.2	72.6	77.0	106.7	133.8	174.1	296.7	389.8	469.9
5°	0.0	11.0	35.3	73.6	77.0	107.4	134.4	171.8	294.7	394.7	475.0
2.5°	0.0	11.0	35.3	74.4	77.1	107.9	134.5	168.8	290.5	398.7	478.5
0°	0.0	11.0	35.3	74.9	77.1	108.0	134.4	165.2	284.2	401.0	480.3
-2.5°	0.0	11.0	35.3	74.4	77.1	107.9	134.5	168.8	290.5	398.7	478.5
-5°	0.0	11.0	35.3	73.6	77.0	107.4	134.4	171.8	294.7	394.7	475.0
-7.5°	0.0	10.9	35.2	72.6	77.0	106.7	133.8	174.1	296.7	389.8	469.9
-10°	0.0	10.8	34.9	71.5	76.8	105.6	133.0	175.5	296.4	384.2	463.0
-12.5°	0.0	10.7	34.6	70.1	76.6	104.3	131.8	176.0	293.7	378.6	455.0
-15°	0.0	10.6	34.2	68.6	76.3	102.7	130.3	175.2	287.1	371.7	445.5
-17.5°	0.0	10.5	33.6	66.9	75.9	100.7	128.4	175.8	277.4	364.0	434.5
-20°	0.0	10.3	33.0	65.1	75.5	98.5	128.2	177.4	267.4	355.6	421.9



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 CATALOG NUMBER: GFLD-SA6C-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	10.2	32.3	63.2	74.9	96.1	130.9	178.4	257.3	346.4	407.9
-25°	0.0	10.0	31.5	61.1	74.1	95.8	133.1	178.6	247.3	336.7	392.4
-27.5°	0.0	9.8	30.6	58.9	73.3	96.1	134.5	178.1	237.7	324.9	379.7
-30°	0.0	9.5	29.6	56.6	72.5	95.9	135.4	176.9	233.2	310.7	366.9
-32.5°	0.0	9.3	28.5	54.2	73.2	95.0	135.5	176.9	230.8	298.1	353.8
-35°	0.0	9.0	27.3	51.8	73.7	93.5	134.4	176.6	227.8	287.2	340.5
-37.5°	0.0	8.7	26.0	49.2	73.8	92.3	132.3	175.4	224.0	278.3	325.8
-40°	0.0	8.4	24.7	46.6	73.6	92.4	129.3	173.2	219.5	272.4	310.7
-42.5°	0.0	8.1	23.2	44.1	71.9	91.9	125.4	170.1	215.4	260.1	294.8
-45°	0.0	7.8	21.7	41.7	68.7	90.8	120.7	165.4	210.7	246.3	278.4
-47.5°	0.0	7.4	20.1	39.1	65.2	89.2	115.1	158.7	204.6	231.9	262.3
-50°	0.0	7.1	18.4	36.6	61.3	87.0	111.7	150.9	192.8	218.6	245.5
-52.5°	0.0	6.7	16.6	34.1	57.2	84.3	108.0	142.0	178.8	204.9	228.4
-55°	0.0	6.3	14.8	31.4	52.7	78.9	103.5	132.5	163.9	191.0	213.0
-57.5°	0.0	5.9	12.9	28.6	47.9	72.6	98.2	125.5	148.5	174.4	197.3
-60°	0.0	5.5	11.0	25.6	42.9	65.9	92.0	115.9	133.4	156.9	180.2
-62.5°	0.0	5.1	10.1	22.6	38.6	58.8	83.0	105.1	119.9	139.1	160.6
-65°	0.0	4.6	9.3	19.3	34.0	51.3	73.4	93.2	105.7	121.6	140.8
-67.5°	0.0	4.2	8.4	16.0	29.2	44.3	63.4	80.1	90.8	103.4	119.3
-70°	0.0	3.8	7.5	12.6	24.3	37.7	53.0	67.0	76.6	84.4	96.5
-72.5°	0.0	3.3	6.6	10.8	19.2	30.9	44.0	53.9	62.5	69.3	74.5
-75°	0.0	2.8	5.7	9.3	14.0	23.9	35.0	42.8	48.4	54.5	59.1
-77.5°	0.0	2.4	4.8	7.8	11.3	16.7	25.8	32.3	37.1	40.7	43.9
-80°	0.0	1.9	3.8	6.3	9.1	12.3	16.4	21.8	26.1	29.3	31.6
-82.5°	0.0	1.4	2.9	4.7	6.8	9.2	11.9	13.4	15.1	18.1	20.3
-85°	0.0	1.0	1.9	3.2	4.6	6.2	7.9	8.9	9.8	10.5	11.2
-87.5°	0.0	0.5	1.0	1.6	2.3	3.1	4.0	4.5	4.9	5.3	5.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA6C-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°	5.6	5.5	5.3	5.1	4.7	4.2	3.7	3.1	3.2	3.4	3.5
85°	11.2	11.0	11.9	12.7	13.0	13.0	12.5	11.8	13.5	15.5	17.6
82.5°	22.3	24.3	26.1	27.9	28.0	27.3	26.3	25.2	29.1	33.9	39.0
80°	34.5	37.5	41.8	46.2	47.4	46.9	45.5	43.0	48.4	56.2	65.1
77.5°	49.3	55.3	61.3	67.3	68.9	67.7	64.7	60.2	67.0	79.7	93.8
75°	65.5	73.1	82.6	90.1	91.8	89.1	84.7	80.8	89.0	104.8	119.8
72.5°	85.5	97.9	107.4	114.0	114.5	112.1	109.9	107.9	117.1	135.7	151.2
70°	111.1	123.5	130.9	134.9	135.8	137.3	143.6	149.5	158.7	174.6	187.3
67.5°	136.4	146.3	152.9	157.7	167.2	176.2	184.9	193.8	204.0	217.5	227.1
65°	159.0	169.1	177.9	189.3	203.1	214.0	225.6	238.1	252.2	265.0	274.3
62.5°	181.4	192.2	204.4	219.5	235.6	250.3	267.3	284.7	301.5	315.9	331.7
60°	199.7	214.1	230.6	248.8	268.1	290.4	310.9	331.0	349.4	367.5	389.7
57.5°	217.1	236.7	256.9	278.6	304.0	331.2	355.2	377.2	400.3	426.5	448.3
55°	235.4	260.1	283.2	309.6	339.8	372.5	398.8	423.6	452.1	483.5	508.0
52.5°	255.2	282.4	309.6	341.3	377.7	410.2	437.8	468.7	503.3	537.3	565.7
50°	274.4	304.5	336.0	376.2	412.4	443.4	477.5	514.9	551.0	586.0	619.5
47.5°	293.7	325.9	367.8	408.8	442.7	479.1	518.9	557.4	595.3	631.8	666.9
45°	312.7	350.8	397.3	436.3	474.0	515.8	556.9	597.2	637.1	675.9	714.2
42.5°	330.9	375.3	422.1	462.9	506.3	550.0	593.0	635.6	677.7	719.3	760.1
40°	350.9	397.7	446.9	491.5	536.7	582.2	627.5	672.5	717.0	761.0	804.3
37.5°	369.3	420.8	472.1	518.7	565.3	612.9	660.4	708.2	755.0	800.8	850.2
35°	385.8	444.2	496.0	544.9	593.7	642.0	692.3	742.4	791.8	841.5	904.5
32.5°	404.3	467.7	518.5	570.1	620.6	670.4	722.6	775.7	828.2	886.3	976.8
30°	425.1	487.4	539.9	594.1	645.8	698.2	752.1	807.5	862.8	953.2	1162.2
27.5°	445.4	505.5	560.7	616.2	669.4	723.8	780.3	837.7	914.7	1053.7	1392.9
25°	464.1	522.9	580.2	636.3	691.3	747.7	806.2	865.8	970.4	1251.1	2000.3
22.5°	480.0	539.7	599.2	654.8	711.2	769.4	830.2	909.3	1070.9	1450.4	2676.2
20°	493.5	555.6	616.5	674.3	729.7	788.7	852.0	950.8	1223.6	2019.4	3486.2
17.5°	506.0	570.1	632.4	692.8	751.0	808.9	873.8	986.6	1361.1	2513.9	4300.7
15°	517.6	583.1	647.2	710.2	770.5	830.7	908.2	1088.3	1639.3	3004.8	5026.2
12.5°	527.9	594.5	660.7	726.3	787.9	850.2	939.1	1189.3	1980.0	3580.7	5521.3
10°	537.0	604.3	672.8	740.9	803.3	867.2	965.2	1272.3	2260.1	4054.4	5919.3
7.5°	545.5	613.7	684.0	753.8	816.6	881.9	986.6	1337.0	2476.4	4411.1	6236.8
5°	552.5	623.0	697.2	768.1	833.2	897.9	1004.9	1383.5	2628.4	4651.5	6468.0
2.5°	558.0	630.8	708.8	780.6	851.7	917.3	1025.8	1417.9	2726.4	4804.6	6615.9
0°	561.8	636.8	718.3	791.0	868.1	934.2	1042.2	1434.3	2762.9	4860.5	6671.6
-2.5°	558.0	630.8	708.8	780.6	851.7	917.3	1025.8	1417.9	2726.4	4804.6	6615.9
-5°	552.5	623.0	697.2	768.1	833.2	897.9	1004.9	1383.5	2628.4	4651.5	6468.0
-7.5°	545.5	613.7	684.0	753.8	816.6	881.9	986.6	1337.0	2476.4	4411.1	6236.8
-10°	537.0	604.3	672.8	740.9	803.3	867.2	965.2	1272.3	2260.1	4054.4	5919.3
-12.5°	527.9	594.5	660.7	726.3	787.9	850.2	939.1	1189.3	1980.0	3580.7	5521.3
-15°	517.6	583.1	647.2	710.2	770.5	830.7	908.2	1088.3	1639.3	3004.8	5026.2
-17.5°	506.0	570.1	632.4	692.8	751.0	808.9	873.8	986.6	1361.1	2513.9	4300.7
-20°	493.5	555.6	616.5	674.3	729.7	788.7	852.0	950.8	1223.6	2019.4	3486.2



REPORT NUMBER: P559165 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	480.0	539.7	599.2	654.8	711.2	769.4	830.2	909.3	1070.9	1450.4	2676.2
-25°	464.1	522.9	580.2	636.3	691.3	747.7	806.2	865.8	970.4	1251.1	2000.3
-27.5°	445.4	505.5	560.7	616.2	669.4	723.8	780.3	837.7	914.7	1053.7	1392.9
-30°	425.1	487.4	539.9	594.1	645.8	698.2	752.1	807.5	862.8	953.2	1162.2
-32.5°	404.3	467.7	518.5	570.1	620.6	670.4	722.6	775.7	828.2	886.3	976.8
-35°	385.8	444.2	496.0	544.9	593.7	642.0	692.3	742.4	791.8	841.5	904.5
-37.5°	369.3	420.8	472.1	518.7	565.3	612.9	660.4	708.2	755.0	800.8	850.2
-40°	350.9	397.7	446.9	491.5	536.7	582.2	627.5	672.5	717.0	761.0	804.3
-42.5°	330.9	375.3	422.1	462.9	506.3	550.0	593.0	635.6	677.7	719.3	760.1
-45°	312.7	350.8	397.3	436.3	474.0	515.8	556.9	597.2	637.1	675.9	714.2
-47.5°	293.7	325.9	367.8	408.8	442.7	479.1	518.9	557.4	595.3	631.8	666.9
-50°	274.4	304.5	336.0	376.2	412.4	443.4	477.5	514.9	551.0	586.0	619.5
-52.5°	255.2	282.4	309.6	341.3	377.7	410.2	437.8	468.7	503.3	537.3	565.7
-55°	235.4	260.1	283.2	309.6	339.8	372.5	398.8	423.6	452.1	483.5	508.0
-57.5°	217.1	236.7	256.9	278.6	304.0	331.2	355.2	377.2	400.3	426.5	448.3
-60°	199.7	214.1	230.6	248.8	268.1	290.4	310.9	331.0	349.4	367.5	389.7
-62.5°	181.4	192.2	204.4	219.5	235.6	250.3	267.3	284.7	301.5	315.9	331.7
-65°	159.0	169.1	177.9	189.3	203.1	214.0	225.6	238.1	252.2	265.0	274.3
-67.5°	136.4	146.3	152.9	157.7	167.2	176.2	184.9	193.8	204.0	217.5	227.1
-70°	111.1	123.5	130.9	134.9	135.8	137.3	143.6	149.5	158.7	174.6	187.3
-72.5°	85.5	97.9	107.4	114.0	114.5	112.1	109.9	107.9	117.1	135.7	151.2
-75°	65.5	73.1	82.6	90.1	91.8	89.1	84.7	80.8	89.0	104.8	119.8
-77.5°	49.3	55.3	61.3	67.3	68.9	67.7	64.7	60.2	67.0	79.7	93.8
-80°	34.5	37.5	41.8	46.2	47.4	46.9	45.5	43.0	48.4	56.2	65.1
-82.5°	22.3	24.3	26.1	27.9	28.0	27.3	26.3	25.2	29.1	33.9	39.0
-85°	11.2	11.0	11.9	12.7	13.0	13.0	12.5	11.8	13.5	15.5	17.6
-87.5°	5.6	5.5	5.3	5.1	4.7	4.2	3.7	3.1	3.2	3.4	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: P559165 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	3.6	3.7	3.8	3.9	4.0	4.1	4.1	4.2	4.2	3.8	3.3
85°	19.8	19.2	18.2	16.8	15.2	16.0	17.0	17.9	18.7	17.5	16.1
82.5°	44.4	45.0	45.0	44.9	44.7	46.6	48.5	50.1	51.5	47.5	43.0
80°	74.9	78.5	80.6	82.5	84.1	84.2	83.0	81.0	78.2	71.6	64.2
77.5°	108.3	113.9	116.6	119.5	122.4	123.4	124.0	124.8	125.6	113.9	99.1
75°	134.2	142.5	147.4	151.9	156.1	158.5	159.8	160.6	161.0	146.9	128.9
72.5°	163.7	171.9	177.7	183.3	188.5	191.9	193.8	195.3	196.3	184.1	166.8
70°	196.3	202.7	209.7	216.5	222.9	227.2	230.1	232.4	234.1	233.0	232.1
67.5°	234.7	240.4	248.9	255.4	262.1	266.9	271.8	275.7	278.6	281.8	285.5
65°	283.0	296.5	308.9	315.2	316.1	322.9	334.1	341.3	344.9	347.8	351.4
62.5°	350.0	366.5	375.4	385.9	399.5	412.1	417.0	423.5	431.3	440.7	451.4
60°	407.5	421.2	435.3	449.8	462.3	472.8	484.2	495.5	505.7	515.1	524.3
57.5°	466.3	481.3	495.6	512.7	524.6	531.7	542.7	556.2	566.7	574.8	587.1
55°	527.3	546.6	566.2	581.5	592.8	600.2	608.6	621.6	629.3	632.3	646.5
52.5°	588.6	611.5	635.5	653.6	665.5	676.6	686.8	698.3	706.1	709.9	723.9
50°	645.4	672.6	699.4	722.9	738.8	757.3	778.2	788.5	795.1	802.5	818.1
47.5°	699.3	729.8	758.5	785.1	808.0	828.7	846.7	864.1	889.6	909.9	929.9
45°	751.3	783.7	814.9	844.7	870.3	910.9	949.5	982.4	1070.3	1144.2	1200.6
42.5°	800.1	839.4	874.4	924.1	978.1	1071.9	1216.5	1350.6	1610.0	1943.9	2222.7
40°	851.1	901.9	964.8	1061.5	1244.4	1432.5	1994.8	2495.8	2988.6	3549.0	4029.2
37.5°	910.6	987.2	1171.3	1389.8	1976.4	2625.1	3422.0	4204.3	4885.4	5468.1	5954.7
35°	989.4	1226.0	1570.1	2366.1	3232.7	4296.5	5215.0	5950.6	6623.4	7163.4	7569.9
32.5°	1221.6	1654.5	2563.3	3658.2	4850.2	5877.9	6772.4	7476.8	8090.6	8574.6	8951.4
30°	1561.4	2556.6	3790.8	5102.1	6289.4	7270.7	8097.2	8768.6	9316.5	9808.9	10222.4
27.5°	2369.2	3649.7	5100.4	6437.9	7517.8	8436.5	9178.0	9843.0	10447.1	10965.6	11454.4
25°	3253.0	4838.3	6301.5	7518.8	8526.7	9388.6	10170.6	10898.1	11574.3	12181.1	12749.8
22.5°	4314.5	5895.5	7293.9	8420.6	9397.2	10282.6	11113.2	11922.8	12710.0	13450.7	14138.6
20°	5275.6	6827.3	8046.7	9171.9	10186.5	11109.1	12024.6	12968.2	13876.6	14768.8	15597.1
17.5°	6024.6	7468.1	8692.2	9832.7	10865.5	11910.4	12958.1	14041.9	15137.7	16173.7	17164.5
15°	6649.9	8002.6	9243.1	10383.6	11519.1	12672.0	13842.4	15119.2	16422.6	17662.6	18925.6
12.5°	7093.2	8448.6	9706.4	10850.6	12123.8	13375.2	14737.7	16192.8	17698.1	19142.5	20694.0
10°	7449.6	8804.5	10051.7	11285.5	12632.8	14020.5	15548.5	17151.3	18947.5	20657.9	22329.4
7.5°	7755.5	9101.4	10329.1	11640.0	13056.4	14581.6	16243.5	18055.5	19999.4	21902.6	23892.3
5°	7979.2	9303.8	10544.6	11930.7	13382.0	14991.5	16779.5	18715.7	20800.4	22885.8	24853.5
2.5°	8097.6	9419.2	10678.6	12111.0	13572.9	15239.9	17102.1	19154.3	21356.3	23631.7	25571.8
0°	8094.9	9467.6	10730.1	12232.7	13713.3	15315.1	17240.8	19435.3	21583.5	23947.6	25939.4
-2.5°	8097.6	9419.2	10678.6	12111.0	13572.9	15239.9	17102.1	19154.3	21356.3	23631.7	25571.8
-5°	7979.2	9303.8	10544.6	11930.7	13382.0	14991.5	16779.5	18715.7	20800.4	22885.8	24853.5
-7.5°	7755.5	9101.4	10329.1	11640.0	13056.4	14581.6	16243.5	18055.5	19999.4	21902.6	23892.3
-10°	7449.6	8804.5	10051.7	11285.5	12632.8	14020.5	15548.5	17151.3	18947.5	20657.9	22329.4
-12.5°	7093.2	8448.6	9706.4	10850.6	12123.8	13375.2	14737.7	16192.8	17698.1	19142.5	20694.0
-15°	6649.9	8002.6	9243.1	10383.6	11519.1	12672.0	13842.4	15119.2	16422.6	17662.6	18925.6
-17.5°	6024.6	7468.1	8692.2	9832.7	10865.5	11910.4	12958.1	14041.9	15137.7	16173.7	17164.5
-20°	5275.6	6827.3	8046.7	9171.9	10186.5	11109.1	12024.6	12968.2	13876.6	14768.8	15597.1



REPORT NUMBER: P559165 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	4314.5	5895.5	7293.9	8420.6	9397.2	10282.6	11113.2	11922.8	12710.0	13450.7	14138.6
-25°	3253.0	4838.3	6301.5	7518.8	8526.7	9388.6	10170.6	10898.1	11574.3	12181.1	12749.8
-27.5°	2369.2	3649.7	5100.4	6437.9	7517.8	8436.5	9178.0	9843.0	10447.1	10965.6	11454.4
-30°	1561.4	2556.6	3790.8	5102.1	6289.4	7270.7	8097.2	8768.6	9316.5	9808.9	10222.4
-32.5°	1221.6	1654.5	2563.3	3658.2	4850.2	5877.9	6772.4	7476.8	8090.6	8574.6	8951.4
-35°	989.4	1226.0	1570.1	2366.1	3232.7	4296.5	5215.0	5950.6	6623.4	7163.4	7569.9
-37.5°	910.6	987.2	1171.3	1389.8	1976.4	2625.1	3422.0	4204.3	4885.4	5468.1	5954.7
-40°	851.1	901.9	964.8	1061.5	1244.4	1432.5	1994.8	2495.8	2988.6	3549.0	4029.2
-42.5°	800.1	839.4	874.4	924.1	978.1	1071.9	1216.5	1350.6	1610.0	1943.9	2222.7
-45°	751.3	783.7	814.9	844.7	870.3	910.9	949.5	982.4	1070.3	1144.2	1200.6
-47.5°	699.3	729.8	758.5	785.1	808.0	828.7	846.7	864.1	889.6	909.9	929.9
-50°	645.4	672.6	699.4	722.9	738.8	757.3	778.2	788.5	795.1	802.5	818.1
-52.5°	588.6	611.5	635.5	653.6	665.5	676.6	686.8	698.3	706.1	709.9	723.9
-55°	527.3	546.6	566.2	581.5	592.8	600.2	608.6	621.6	629.3	632.3	646.5
-57.5°	466.3	481.3	495.6	512.7	524.6	531.7	542.7	556.2	566.7	574.8	587.1
-60°	407.5	421.2	435.3	449.8	462.3	472.8	484.2	495.5	505.7	515.1	524.3
-62.5°	350.0	366.5	375.4	385.9	399.5	412.1	417.0	423.5	431.3	440.7	451.4
-65°	283.0	296.5	308.9	315.2	316.1	322.9	334.1	341.3	344.9	347.8	351.4
-67.5°	234.7	240.4	248.9	255.4	262.1	266.9	271.8	275.7	278.6	281.8	285.5
-70°	196.3	202.7	209.7	216.5	222.9	227.2	230.1	232.4	234.1	233.0	232.1
-72.5°	163.7	171.9	177.7	183.3	188.5	191.9	193.8	195.3	196.3	184.1	166.8
-75°	134.2	142.5	147.4	151.9	156.1	158.5	159.8	160.6	161.0	146.9	128.9
-77.5°	108.3	113.9	116.6	119.5	122.4	123.4	124.0	124.8	125.6	113.9	99.1
-80°	74.9	78.5	80.6	82.5	84.1	84.2	83.0	81.0	78.2	71.6	64.2
-82.5°	44.4	45.0	45.0	44.9	44.7	46.6	48.5	50.1	51.5	47.5	43.0
-85°	19.8	19.2	18.2	16.8	15.2	16.0	17.0	17.9	18.7	17.5	16.1
-87.5°	3.6	3.7	3.8	3.9	4.0	4.1	4.1	4.2	4.2	3.8	3.3
-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: P559165 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	2.7	2.2	2.2	2.2	2.2	2.2	2.7	3.3	3.8	4.2	4.2
85°	14.7	13.1	13.2	13.2	13.2	13.1	14.7	16.1	17.5	18.7	17.9
82.5°	38.1	32.9	32.9	33.0	32.9	32.9	38.1	43.0	47.5	51.5	50.1
80°	56.5	48.5	49.5	50.7	49.5	48.5	56.5	64.2	71.6	78.2	81.0
77.5°	83.2	66.6	66.0	66.1	66.0	66.6	83.2	99.1	113.9	125.6	124.8
75°	110.2	91.1	90.2	90.3	90.2	91.1	110.2	128.9	146.9	161.0	160.6
72.5°	149.0	130.7	122.5	114.6	122.5	130.7	149.0	166.8	184.1	196.3	195.3
70°	232.3	232.8	224.6	213.7	224.6	232.8	232.3	232.1	233.0	234.1	232.4
67.5°	288.6	290.9	294.4	297.4	294.4	290.9	288.6	285.5	281.8	278.6	275.7
65°	353.0	352.8	354.1	354.7	354.1	352.8	353.0	351.4	347.8	344.9	341.3
62.5°	460.7	468.1	473.3	475.9	473.3	468.1	460.7	451.4	440.7	431.3	423.5
60°	532.0	538.1	546.7	555.2	546.7	538.1	532.0	524.3	515.1	505.7	495.5
57.5°	598.6	608.9	617.3	623.5	617.3	608.9	598.6	587.1	574.8	566.7	556.2
55°	660.1	672.1	683.6	694.0	683.6	672.1	660.1	646.5	632.3	629.3	621.6
52.5°	737.3	747.2	763.6	784.4	763.6	747.2	737.3	723.9	709.9	706.1	698.3
50°	836.1	851.0	871.7	896.7	871.7	851.0	836.1	818.1	802.5	795.1	788.5
47.5°	950.2	965.3	985.2	1011.3	985.2	965.3	950.2	929.9	909.9	889.6	864.1
45°	1252.1	1287.4	1319.6	1355.0	1319.6	1287.4	1252.1	1200.6	1144.2	1070.3	982.4
42.5°	2446.3	2600.8	2667.5	2628.5	2667.5	2600.8	2446.3	2222.7	1943.9	1610.0	1350.6
40°	4395.4	4652.3	4803.5	4856.1	4803.5	4652.3	4395.4	4029.2	3549.0	2988.6	2495.8
37.5°	6310.1	6546.6	6674.1	6689.2	6674.1	6546.6	6310.1	5954.7	5468.1	4885.4	4204.3
35°	7863.3	8058.1	8173.5	8260.2	8173.5	8058.1	7863.3	7569.9	7163.4	6623.4	5950.6
32.5°	9258.2	9480.2	9608.5	9579.9	9608.5	9480.2	9258.2	8951.4	8574.6	8090.6	7476.8
30°	10561.3	10804.1	10954.8	10959.2	10954.8	10804.1	10561.3	10222.4	9808.9	9316.5	8768.6
27.5°	11849.6	12122.1	12279.3	12402.4	12279.3	12122.1	11849.6	11454.4	10965.6	10447.1	9843.0
25°	13223.9	13563.6	13765.3	13887.4	13765.3	13563.6	13223.9	12749.8	12181.1	11574.3	10898.1
22.5°	14705.7	15126.5	15402.9	15517.8	15402.9	15126.5	14705.7	14138.6	13450.7	12710.0	11922.8
20°	16317.6	16839.0	17192.0	17181.3	17192.0	16839.0	16317.6	15597.1	14768.8	13876.6	12968.2
17.5°	18116.1	18788.7	19243.8	19309.7	19243.8	18788.7	18116.1	17164.5	16173.7	15137.7	14041.9
15°	20044.3	20911.4	21500.2	21682.6	21500.2	20911.4	20044.3	18925.6	17662.6	16422.6	15119.2
12.5°	22020.2	23051.6	23836.4	24097.5	23836.4	23051.6	22020.2	20694.0	19142.5	17698.1	16192.8
10°	23902.9	25045.3	25897.2	26274.3	25897.2	25045.3	23902.9	22329.4	20657.9	18947.5	17151.3
7.5°	25476.7	26637.5	27515.0	27825.4	27515.0	26637.5	25476.7	23892.3	21902.6	19999.4	18055.5
5°	26513.6	27781.7	28464.0	28847.8	28464.0	27781.7	26513.6	24853.5	22885.8	20800.4	18715.7
2.5°	27206.3	28281.7	28972.7	29325.9	28972.7	28281.7	27206.3	25571.8	23631.7	21356.3	19154.3
0°	27574.3	28669.3	29176.1	29347.9	29176.1	28669.3	27574.3	25939.4	23947.6	21583.5	19435.3
-2.5°	27206.3	28281.7	28972.7	29325.9	28972.7	28281.7	27206.3	25571.8	23631.7	21356.3	19154.3
-5°	26513.6	27781.7	28464.0	28847.8	28464.0	27781.7	26513.6	24853.5	22885.8	20800.4	18715.7
-7.5°	25476.7	26637.5	27515.0	27825.4	27515.0	26637.5	25476.7	23892.3	21902.6	19999.4	18055.5
-10°	23902.9	25045.3	25897.2	26274.3	25897.2	25045.3	23902.9	22329.4	20657.9	18947.5	17151.3
-12.5°	22020.2	23051.6	23836.4	24097.5	23836.4	23051.6	22020.2	20694.0	19142.5	17698.1	16192.8
-15°	20044.3	20911.4	21500.2	21682.6	21500.2	20911.4	20044.3	18925.6	17662.6	16422.6	15119.2
-17.5°	18116.1	18788.7	19243.8	19309.7	19243.8	18788.7	18116.1	17164.5	16173.7	15137.7	14041.9
-20°	16317.6	16839.0	17192.0	17181.3	17192.0	16839.0	16317.6	15597.1	14768.8	13876.6	12968.2



REPORT NUMBER: P559165 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	14705.7	15126.5	15402.9	15517.8	15402.9	15126.5	14705.7	14138.6	13450.7	12710.0	11922.8
-25°	13223.9	13563.6	13765.3	13887.4	13765.3	13563.6	13223.9	12749.8	12181.1	11574.3	10898.1
-27.5°	11849.6	12122.1	12279.3	12402.4	12279.3	12122.1	11849.6	11454.4	10965.6	10447.1	9843.0
-30°	10561.3	10804.1	10954.8	10959.2	10954.8	10804.1	10561.3	10222.4	9808.9	9316.5	8768.6
-32.5°	9258.2	9480.2	9608.5	9579.9	9608.5	9480.2	9258.2	8951.4	8574.6	8090.6	7476.8
-35°	7863.3	8058.1	8173.5	8260.2	8173.5	8058.1	7863.3	7569.9	7163.4	6623.4	5950.6
-37.5°	6310.1	6546.6	6674.1	6689.2	6674.1	6546.6	6310.1	5954.7	5468.1	4885.4	4204.3
-40°	4395.4	4652.3	4803.5	4856.1	4803.5	4652.3	4395.4	4029.2	3549.0	2988.6	2495.8
-42.5°	2446.3	2600.8	2667.5	2628.5	2667.5	2600.8	2446.3	2222.7	1943.9	1610.0	1350.6
-45°	1252.1	1287.4	1319.6	1355.0	1319.6	1287.4	1252.1	1200.6	1144.2	1070.3	982.4
-47.5°	950.2	965.3	985.2	1011.3	985.2	965.3	950.2	929.9	909.9	889.6	864.1
-50°	836.1	851.0	871.7	896.7	871.7	851.0	836.1	818.1	802.5	795.1	788.5
-52.5°	737.3	747.2	763.6	784.4	763.6	747.2	737.3	723.9	709.9	706.1	698.3
-55°	660.1	672.1	683.6	694.0	683.6	672.1	660.1	646.5	632.3	629.3	621.6
-57.5°	598.6	608.9	617.3	623.5	617.3	608.9	598.6	587.1	574.8	566.7	556.2
-60°	532.0	538.1	546.7	555.2	546.7	538.1	532.0	524.3	515.1	505.7	495.5
-62.5°	460.7	468.1	473.3	475.9	473.3	468.1	460.7	451.4	440.7	431.3	423.5
-65°	353.0	352.8	354.1	354.7	354.1	352.8	353.0	351.4	347.8	344.9	341.3
-67.5°	288.6	290.9	294.4	297.4	294.4	290.9	288.6	285.5	281.8	278.6	275.7
-70°	232.3	232.8	224.6	213.7	224.6	232.8	232.3	232.1	233.0	234.1	232.4
-72.5°	149.0	130.7	122.5	114.6	122.5	130.7	149.0	166.8	184.1	196.3	195.3
-75°	110.2	91.1	90.2	90.3	90.2	91.1	110.2	128.9	146.9	161.0	160.6
-77.5°	83.2	66.6	66.0	66.1	66.0	66.6	83.2	99.1	113.9	125.6	124.8
-80°	56.5	48.5	49.5	50.7	49.5	48.5	56.5	64.2	71.6	78.2	81.0
-82.5°	38.1	32.9	32.9	33.0	32.9	32.9	38.1	43.0	47.5	51.5	50.1
-85°	14.7	13.1	13.2	13.2	13.2	13.1	14.7	16.1	17.5	18.7	17.9
-87.5°	2.7	2.2	2.2	2.2	2.2	2.2	2.7	3.3	3.8	4.2	4.2
-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: P559165 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-927-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°	4.1	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.2	3.1
85°	17.0	16.0	15.2	16.8	18.2	19.2	19.8	17.6	15.5	13.5	11.8
82.5°	48.5	46.6	44.7	44.9	45.0	45.0	44.4	39.0	33.9	29.1	25.2
80°	83.0	84.2	84.1	82.5	80.6	78.5	74.9	65.1	56.2	48.4	43.0
77.5°	124.0	123.4	122.4	119.5	116.6	113.9	108.3	93.8	79.7	67.0	60.2
75°	159.8	158.5	156.1	151.9	147.4	142.5	134.2	119.8	104.8	89.0	80.8
72.5°	193.8	191.9	188.5	183.3	177.7	171.9	163.7	151.2	135.7	117.1	107.9
70°	230.1	227.2	222.9	216.5	209.7	202.7	196.3	187.3	174.6	158.7	149.5
67.5°	271.8	266.9	262.1	255.4	248.9	240.4	234.7	227.1	217.5	204.0	193.8
65°	334.1	322.9	316.1	315.2	308.9	296.5	283.0	274.3	265.0	252.2	238.1
62.5°	417.0	412.1	399.5	385.9	375.4	366.5	350.0	331.7	315.9	301.5	284.7
60°	484.2	472.8	462.3	449.8	435.3	421.2	407.5	389.7	367.5	349.4	331.0
57.5°	542.7	531.7	524.6	512.7	495.6	481.3	466.3	448.3	426.5	400.3	377.2
55°	608.6	600.2	592.8	581.5	566.2	546.6	527.3	508.0	483.5	452.1	423.6
52.5°	686.8	676.6	665.5	653.6	635.5	611.5	588.6	565.7	537.3	503.3	468.7
50°	778.2	757.3	738.8	722.9	699.4	672.6	645.4	619.5	586.0	551.0	514.9
47.5°	846.7	828.7	808.0	785.1	758.5	729.8	699.3	666.9	631.8	595.3	557.4
45°	949.5	910.9	870.3	844.7	814.9	783.7	751.3	714.2	675.9	637.1	597.2
42.5°	1216.5	1071.9	978.1	924.1	874.4	839.4	800.1	760.1	719.3	677.7	635.6
40°	1994.8	1432.5	1244.4	1061.5	964.8	901.9	851.1	804.3	761.0	717.0	672.5
37.5°	3422.0	2625.1	1976.4	1389.8	1171.3	987.2	910.6	850.2	800.8	755.0	708.2
35°	5215.0	4296.5	3232.7	2366.1	1570.1	1226.0	989.4	904.5	841.5	791.8	742.4
32.5°	6772.4	5877.9	4850.2	3658.2	2563.3	1654.5	1221.6	976.8	886.3	828.2	775.7
30°	8097.2	7270.7	6289.4	5102.1	3790.8	2556.6	1561.4	1162.2	953.2	862.8	807.5
27.5°	9178.0	8436.5	7517.8	6437.9	5100.4	3649.7	2369.2	1392.9	1053.7	914.7	837.7
25°	10170.6	9388.6	8526.7	7518.8	6301.5	4838.3	3253.0	2000.3	1251.1	970.4	865.8
22.5°	11113.2	10282.6	9397.2	8420.6	7293.9	5895.5	4314.5	2676.2	1450.4	1070.9	909.3
20°	12024.6	11109.1	10186.5	9171.9	8046.7	6827.3	5275.6	3486.2	2019.4	1223.6	950.8
17.5°	12958.1	11910.4	10865.5	9832.7	8692.2	7468.1	6024.6	4300.7	2513.9	1361.1	986.6
15°	13842.4	12672.0	11519.1	10383.6	9243.1	8002.6	6649.9	5026.2	3004.8	1639.3	1088.3
12.5°	14737.7	13375.2	12123.8	10850.6	9706.4	8448.6	7093.2	5521.3	3580.7	1980.0	1189.3
10°	15548.5	14020.5	12632.8	11285.5	10051.7	8804.5	7449.6	5919.3	4054.4	2260.1	1272.3
7.5°	16243.5	14581.6	13056.4	11640.0	10329.1	9101.4	7755.5	6236.8	4411.1	2476.4	1337.0
5°	16779.5	14991.5	13382.0	11930.7	10544.6	9303.8	7979.2	6468.0	4651.5	2628.4	1383.5
2.5°	17102.1	15239.9	13572.9	12111.0	10678.6	9419.2	8097.6	6615.9	4804.6	2726.4	1417.9
0°	17240.8	15315.1	13713.3	12232.7	10730.1	9467.6	8094.9	6671.6	4860.5	2762.9	1434.3
-2.5°	17102.1	15239.9	13572.9	12111.0	10678.6	9419.2	8097.6	6615.9	4804.6	2726.4	1417.9
-5°	16779.5	14991.5	13382.0	11930.7	10544.6	9303.8	7979.2	6468.0	4651.5	2628.4	1383.5
-7.5°	16243.5	14581.6	13056.4	11640.0	10329.1	9101.4	7755.5	6236.8	4411.1	2476.4	1337.0
-10°	15548.5	14020.5	12632.8	11285.5	10051.7	8804.5	7449.6	5919.3	4054.4	2260.1	1272.3
-12.5°	14737.7	13375.2	12123.8	10850.6	9706.4	8448.6	7093.2	5521.3	3580.7	1980.0	1189.3
-15°	13842.4	12672.0	11519.1	10383.6	9243.1	8002.6	6649.9	5026.2	3004.8	1639.3	1088.3
-17.5°	12958.1	11910.4	10865.5	9832.7	8692.2	7468.1	6024.6	4300.7	2513.9	1361.1	986.6
-20°	12024.6	11109.1	10186.5	9171.9	8046.7	6827.3	5275.6	3486.2	2019.4	1223.6	950.8



REPORT NUMBER: P559165 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	11113.2	10282.6	9397.2	8420.6	7293.9	5895.5	4314.5	2676.2	1450.4	1070.9	909.3
-25°	10170.6	9388.6	8526.7	7518.8	6301.5	4838.3	3253.0	2000.3	1251.1	970.4	865.8
-27.5°	9178.0	8436.5	7517.8	6437.9	5100.4	3649.7	2369.2	1392.9	1053.7	914.7	837.7
-30°	8097.2	7270.7	6289.4	5102.1	3790.8	2556.6	1561.4	1162.2	953.2	862.8	807.5
-32.5°	6772.4	5877.9	4850.2	3658.2	2563.3	1654.5	1221.6	976.8	886.3	828.2	775.7
-35°	5215.0	4296.5	3232.7	2366.1	1570.1	1226.0	989.4	904.5	841.5	791.8	742.4
-37.5°	3422.0	2625.1	1976.4	1389.8	1171.3	987.2	910.6	850.2	800.8	755.0	708.2
-40°	1994.8	1432.5	1244.4	1061.5	964.8	901.9	851.1	804.3	761.0	717.0	672.5
-42.5°	1216.5	1071.9	978.1	924.1	874.4	839.4	800.1	760.1	719.3	677.7	635.6
-45°	949.5	910.9	870.3	844.7	814.9	783.7	751.3	714.2	675.9	637.1	597.2
-47.5°	846.7	828.7	808.0	785.1	758.5	729.8	699.3	666.9	631.8	595.3	557.4
-50°	778.2	757.3	738.8	722.9	699.4	672.6	645.4	619.5	586.0	551.0	514.9
-52.5°	686.8	676.6	665.5	653.6	635.5	611.5	588.6	565.7	537.3	503.3	468.7
-55°	608.6	600.2	592.8	581.5	566.2	546.6	527.3	508.0	483.5	452.1	423.6
-57.5°	542.7	531.7	524.6	512.7	495.6	481.3	466.3	448.3	426.5	400.3	377.2
-60°	484.2	472.8	462.3	449.8	435.3	421.2	407.5	389.7	367.5	349.4	331.0
-62.5°	417.0	412.1	399.5	385.9	375.4	366.5	350.0	331.7	315.9	301.5	284.7
-65°	334.1	322.9	316.1	315.2	308.9	296.5	283.0	274.3	265.0	252.2	238.1
-67.5°	271.8	266.9	262.1	255.4	248.9	240.4	234.7	227.1	217.5	204.0	193.8
-70°	230.1	227.2	222.9	216.5	209.7	202.7	196.3	187.3	174.6	158.7	149.5
-72.5°	193.8	191.9	188.5	183.3	177.7	171.9	163.7	151.2	135.7	117.1	107.9
-75°	159.8	158.5	156.1	151.9	147.4	142.5	134.2	119.8	104.8	89.0	80.8
-77.5°	124.0	123.4	122.4	119.5	116.6	113.9	108.3	93.8	79.7	67.0	60.2
-80°	83.0	84.2	84.1	82.5	80.6	78.5	74.9	65.1	56.2	48.4	43.0
-82.5°	48.5	46.6	44.7	44.9	45.0	45.0	44.4	39.0	33.9	29.1	25.2
-85°	17.0	16.0	15.2	16.8	18.2	19.2	19.8	17.6	15.5	13.5	11.8
-87.5°	4.1	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.2	3.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559165 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	3.7	4.2	4.7	5.1	5.3	5.5	5.6	5.6	5.3	4.9	4.5
85°	12.5	13.0	13.0	12.7	11.9	11.0	11.2	11.2	10.5	9.8	8.9
82.5°	26.3	27.3	28.0	27.9	26.1	24.3	22.3	20.3	18.1	15.1	13.4
80°	45.5	46.9	47.4	46.2	41.8	37.5	34.5	31.6	29.3	26.1	21.8
77.5°	64.7	67.7	68.9	67.3	61.3	55.3	49.3	43.9	40.7	37.1	32.3
75°	84.7	89.1	91.8	90.1	82.6	73.1	65.5	59.1	54.5	48.4	42.8
72.5°	109.9	112.1	114.5	114.0	107.4	97.9	85.5	74.5	69.3	62.5	53.9
70°	143.6	137.3	135.8	134.9	130.9	123.5	111.1	96.5	84.4	76.6	67.0
67.5°	184.9	176.2	167.2	157.7	152.9	146.3	136.4	119.3	103.4	90.8	80.1
65°	225.6	214.0	203.1	189.3	177.9	169.1	159.0	140.8	121.6	105.7	93.2
62.5°	267.3	250.3	235.6	219.5	204.4	192.2	181.4	160.6	139.1	119.9	105.1
60°	310.9	290.4	268.1	248.8	230.6	214.1	199.7	180.2	156.9	133.4	115.9
57.5°	355.2	331.2	304.0	278.6	256.9	236.7	217.1	197.3	174.4	148.5	125.5
55°	398.8	372.5	339.8	309.6	283.2	260.1	235.4	213.0	191.0	163.9	132.5
52.5°	437.8	410.2	377.7	341.3	309.6	282.4	255.2	228.4	204.9	178.8	142.0
50°	477.5	443.4	412.4	376.2	336.0	304.5	274.4	245.5	218.6	192.8	150.9
47.5°	518.9	479.1	442.7	408.8	367.8	325.9	293.7	262.3	231.9	204.6	158.7
45°	556.9	515.8	474.0	436.3	397.3	350.8	312.7	278.4	246.3	210.7	165.4
42.5°	593.0	550.0	506.3	462.9	422.1	375.3	330.9	294.8	260.1	215.4	170.1
40°	627.5	582.2	536.7	491.5	446.9	397.7	350.9	310.7	272.4	219.5	173.2
37.5°	660.4	612.9	565.3	518.7	472.1	420.8	369.3	325.8	278.3	224.0	175.4
35°	692.3	642.0	593.7	544.9	496.0	444.2	385.8	340.5	287.2	227.8	176.6
32.5°	722.6	670.4	620.6	570.1	518.5	467.7	404.3	353.8	298.1	230.8	176.9
30°	752.1	698.2	645.8	594.1	539.9	487.4	425.1	366.9	310.7	233.2	176.9
27.5°	780.3	723.8	669.4	616.2	560.7	505.5	445.4	379.7	324.9	237.7	178.1
25°	806.2	747.7	691.3	636.3	580.2	522.9	464.1	392.4	336.7	247.3	178.6
22.5°	830.2	769.4	711.2	654.8	599.2	539.7	480.0	407.9	346.4	257.3	178.4
20°	852.0	788.7	729.7	674.3	616.5	555.6	493.5	421.9	355.6	267.4	177.4
17.5°	873.8	808.9	751.0	692.8	632.4	570.1	506.0	434.5	364.0	277.4	175.8
15°	908.2	830.7	770.5	710.2	647.2	583.1	517.6	445.5	371.7	287.1	175.2
12.5°	939.1	850.2	787.9	726.3	660.7	594.5	527.9	455.0	378.6	293.7	176.0
10°	965.2	867.2	803.3	740.9	672.8	604.3	537.0	463.0	384.2	296.4	175.5
7.5°	986.6	881.9	816.6	753.8	684.0	613.7	545.5	469.9	389.8	296.7	174.1
5°	1004.9	897.9	833.2	768.1	697.2	623.0	552.5	475.0	394.7	294.7	171.8
2.5°	1025.8	917.3	851.7	780.6	708.8	630.8	558.0	478.5	398.7	290.5	168.8
0°	1042.2	934.2	868.1	791.0	718.3	636.8	561.8	480.3	401.0	284.2	165.2
-2.5°	1025.8	917.3	851.7	780.6	708.8	630.8	558.0	478.5	398.7	290.5	168.8
-5°	1004.9	897.9	833.2	768.1	697.2	623.0	552.5	475.0	394.7	294.7	171.8
-7.5°	986.6	881.9	816.6	753.8	684.0	613.7	545.5	469.9	389.8	296.7	174.1
-10°	965.2	867.2	803.3	740.9	672.8	604.3	537.0	463.0	384.2	296.4	175.5
-12.5°	939.1	850.2	787.9	726.3	660.7	594.5	527.9	455.0	378.6	293.7	176.0
-15°	908.2	830.7	770.5	710.2	647.2	583.1	517.6	445.5	371.7	287.1	175.2
-17.5°	873.8	808.9	751.0	692.8	632.4	570.1	506.0	434.5	364.0	277.4	175.8
-20°	852.0	788.7	729.7	674.3	616.5	555.6	493.5	421.9	355.6	267.4	177.4



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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°	830.2	769.4	711.2	654.8	599.2	539.7	480.0	407.9	346.4	257.3	178.4
-25°	806.2	747.7	691.3	636.3	580.2	522.9	464.1	392.4	336.7	247.3	178.6
-27.5°	780.3	723.8	669.4	616.2	560.7	505.5	445.4	379.7	324.9	237.7	178.1
-30°	752.1	698.2	645.8	594.1	539.9	487.4	425.1	366.9	310.7	233.2	176.9
-32.5°	722.6	670.4	620.6	570.1	518.5	467.7	404.3	353.8	298.1	230.8	176.9
-35°	692.3	642.0	593.7	544.9	496.0	444.2	385.8	340.5	287.2	227.8	176.6
-37.5°	660.4	612.9	565.3	518.7	472.1	420.8	369.3	325.8	278.3	224.0	175.4
-40°	627.5	582.2	536.7	491.5	446.9	397.7	350.9	310.7	272.4	219.5	173.2
-42.5°	593.0	550.0	506.3	462.9	422.1	375.3	330.9	294.8	260.1	215.4	170.1
-45°	556.9	515.8	474.0	436.3	397.3	350.8	312.7	278.4	246.3	210.7	165.4
-47.5°	518.9	479.1	442.7	408.8	367.8	325.9	293.7	262.3	231.9	204.6	158.7
-50°	477.5	443.4	412.4	376.2	336.0	304.5	274.4	245.5	218.6	192.8	150.9
-52.5°	437.8	410.2	377.7	341.3	309.6	282.4	255.2	228.4	204.9	178.8	142.0
-55°	398.8	372.5	339.8	309.6	283.2	260.1	235.4	213.0	191.0	163.9	132.5
-57.5°	355.2	331.2	304.0	278.6	256.9	236.7	217.1	197.3	174.4	148.5	125.5
-60°	310.9	290.4	268.1	248.8	230.6	214.1	199.7	180.2	156.9	133.4	115.9
-62.5°	267.3	250.3	235.6	219.5	204.4	192.2	181.4	160.6	139.1	119.9	105.1
-65°	225.6	214.0	203.1	189.3	177.9	169.1	159.0	140.8	121.6	105.7	93.2
-67.5°	184.9	176.2	167.2	157.7	152.9	146.3	136.4	119.3	103.4	90.8	80.1
-70°	143.6	137.3	135.8	134.9	130.9	123.5	111.1	96.5	84.4	76.6	67.0
-72.5°	109.9	112.1	114.5	114.0	107.4	97.9	85.5	74.5	69.3	62.5	53.9
-75°	84.7	89.1	91.8	90.1	82.6	73.1	65.5	59.1	54.5	48.4	42.8
-77.5°	64.7	67.7	68.9	67.3	61.3	55.3	49.3	43.9	40.7	37.1	32.3
-80°	45.5	46.9	47.4	46.2	41.8	37.5	34.5	31.6	29.3	26.1	21.8
-82.5°	26.3	27.3	28.0	27.9	26.1	24.3	22.3	20.3	18.1	15.1	13.4
-85°	12.5	13.0	13.0	12.7	11.9	11.0	11.2	11.2	10.5	9.8	8.9
-87.5°	3.7	4.2	4.7	5.1	5.3	5.5	5.6	5.6	5.3	4.9	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



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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°	4.0	3.1	2.3	1.6	1.0	0.5	0.0
85°	7.9	6.2	4.6	3.2	1.9	1.0	0.0
82.5°	11.9	9.2	6.8	4.7	2.9	1.4	0.0
80°	16.4	12.3	9.1	6.3	3.8	1.9	0.0
77.5°	25.8	16.7	11.3	7.8	4.8	2.4	0.0
75°	35.0	23.9	14.0	9.3	5.7	2.8	0.0
72.5°	44.0	30.9	19.2	10.8	6.6	3.3	0.0
70°	53.0	37.7	24.3	12.6	7.5	3.8	0.0
67.5°	63.4	44.3	29.2	16.0	8.4	4.2	0.0
65°	73.4	51.3	34.0	19.3	9.3	4.6	0.0
62.5°	83.0	58.8	38.6	22.6	10.1	5.1	0.0
60°	92.0	65.9	42.9	25.6	11.0	5.5	0.0
57.5°	98.2	72.6	47.9	28.6	12.9	5.9	0.0
55°	103.5	78.9	52.7	31.4	14.8	6.3	0.0
52.5°	108.0	84.3	57.2	34.1	16.6	6.7	0.0
50°	111.7	87.0	61.3	36.6	18.4	7.1	0.0
47.5°	115.1	89.2	65.2	39.1	20.1	7.4	0.0
45°	120.7	90.8	68.7	41.7	21.7	7.8	0.0
42.5°	125.4	91.9	71.9	44.1	23.2	8.1	0.0
40°	129.3	92.4	73.6	46.6	24.7	8.4	0.0
37.5°	132.3	92.3	73.8	49.2	26.0	8.7	0.0
35°	134.4	93.5	73.7	51.8	27.3	9.0	0.0
32.5°	135.5	95.0	73.2	54.2	28.5	9.3	0.0
30°	135.4	95.9	72.5	56.6	29.6	9.5	0.0
27.5°	134.5	96.1	73.3	58.9	30.6	9.8	0.0
25°	133.1	95.8	74.1	61.1	31.5	10.0	0.0
22.5°	130.9	96.1	74.9	63.2	32.3	10.2	0.0
20°	128.2	98.5	75.5	65.1	33.0	10.3	0.0
17.5°	128.4	100.7	75.9	66.9	33.6	10.5	0.0
15°	130.3	102.7	76.3	68.6	34.2	10.6	0.0
12.5°	131.8	104.3	76.6	70.1	34.6	10.7	0.0
10°	133.0	105.6	76.8	71.5	34.9	10.8	0.0
7.5°	133.8	106.7	77.0	72.6	35.2	10.9	0.0
5°	134.4	107.4	77.0	73.6	35.3	11.0	0.0
2.5°	134.5	107.9	77.1	74.4	35.3	11.0	0.0
0°	134.4	108.0	77.1	74.9	35.3	11.0	0.0
-2.5°	134.5	107.9	77.1	74.4	35.3	11.0	0.0
-5°	134.4	107.4	77.0	73.6	35.3	11.0	0.0
-7.5°	133.8	106.7	77.0	72.6	35.2	10.9	0.0
-10°	133.0	105.6	76.8	71.5	34.9	10.8	0.0
-12.5°	131.8	104.3	76.6	70.1	34.6	10.7	0.0
-15°	130.3	102.7	76.3	68.6	34.2	10.6	0.0
-17.5°	128.4	100.7	75.9	66.9	33.6	10.5	0.0
-20°	128.2	98.5	75.5	65.1	33.0	10.3	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	130.9	96.1	74.9	63.2	32.3	10.2	0.0
-25°	133.1	95.8	74.1	61.1	31.5	10.0	0.0
-27.5°	134.5	96.1	73.3	58.9	30.6	9.8	0.0
-30°	135.4	95.9	72.5	56.6	29.6	9.5	0.0
-32.5°	135.5	95.0	73.2	54.2	28.5	9.3	0.0
-35°	134.4	93.5	73.7	51.8	27.3	9.0	0.0
-37.5°	132.3	92.3	73.8	49.2	26.0	8.7	0.0
-40°	129.3	92.4	73.6	46.6	24.7	8.4	0.0
-42.5°	125.4	91.9	71.9	44.1	23.2	8.1	0.0
-45°	120.7	90.8	68.7	41.7	21.7	7.8	0.0
-47.5°	115.1	89.2	65.2	39.1	20.1	7.4	0.0
-50°	111.7	87.0	61.3	36.6	18.4	7.1	0.0
-52.5°	108.0	84.3	57.2	34.1	16.6	6.7	0.0
-55°	103.5	78.9	52.7	31.4	14.8	6.3	0.0
-57.5°	98.2	72.6	47.9	28.6	12.9	5.9	0.0
-60°	92.0	65.9	42.9	25.6	11.0	5.5	0.0
-62.5°	83.0	58.8	38.6	22.6	10.1	5.1	0.0
-65°	73.4	51.3	34.0	19.3	9.3	4.6	0.0
-67.5°	63.4	44.3	29.2	16.0	8.4	4.2	0.0
-70°	53.0	37.7	24.3	12.6	7.5	3.8	0.0
-72.5°	44.0	30.9	19.2	10.8	6.6	3.3	0.0
-75°	35.0	23.9	14.0	9.3	5.7	2.8	0.0
-77.5°	25.8	16.7	11.3	7.8	4.8	2.4	0.0
-80°	16.4	12.3	9.1	6.3	3.8	1.9	0.0
-82.5°	11.9	9.2	6.8	4.7	2.9	1.4	0.0
-85°	7.9	6.2	4.6	3.2	1.9	1.0	0.0
-87.5°	4.0	3.1	2.3	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)