

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: P559092 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-940-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559092 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-4)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA5D-940-U-MR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQUARE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (80) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

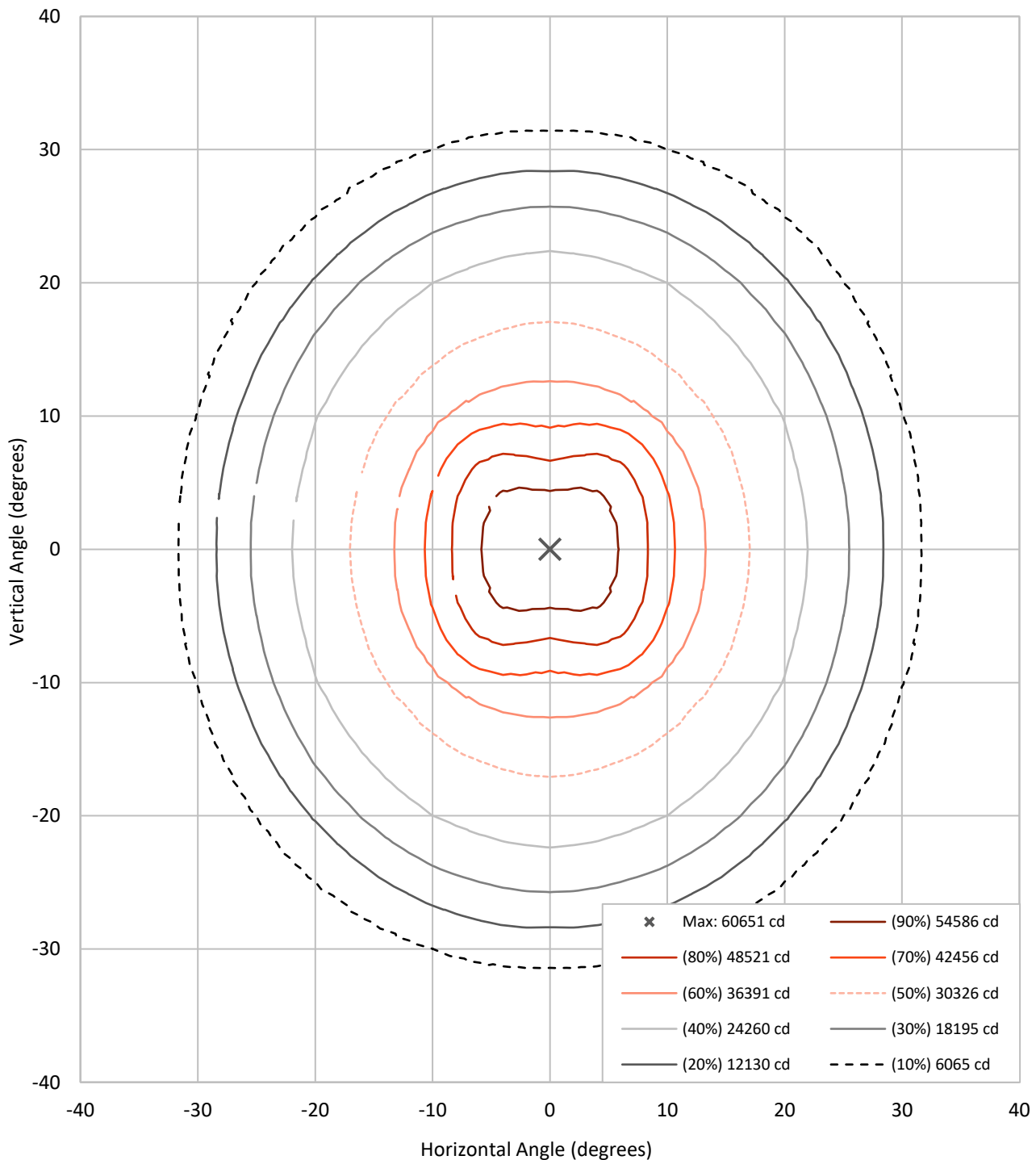
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	26830.4 lumens	Max Intensity:	60651 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	100.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	11428 lumens	Field Lumens:	23356.6 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 266
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot





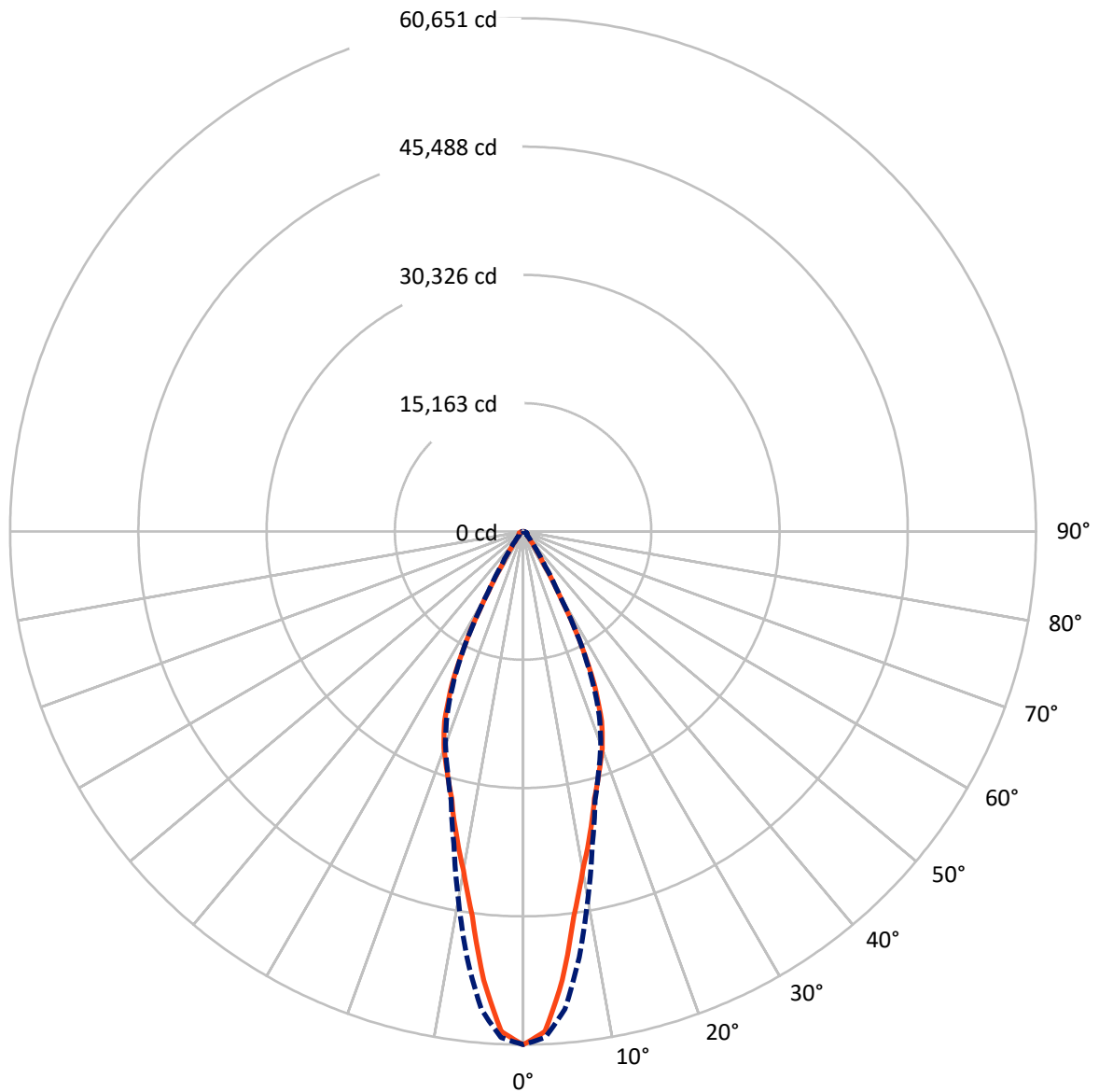
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Lumen Table

90																
80	0.4	3.0		8.3		13.7		16.0		13.7		8.3		3.0		0.4
70																
60	1.4	1.5	3.4	5.9	8.7	11.2	13.1	14.2	14.2	13.1	11.2	8.7	5.9	3.4	1.5	1.4
50		2.5	5.5	9.5	12.9	14.6	15.5	15.9	15.9	15.5	14.6	12.9	9.5	5.5	2.5	
40	2.6	3.5	7.6	11.4	13.3	16.5	21.2	24.4	24.4	21.2	16.5	13.3	11.4	7.6	3.5	2.6
30		4.4	8.9	11.5	17.3	34.2	65.0	99.3	99.3	65.0	34.2	17.3	11.5	8.9	4.4	
20	3.5	5.2	9.1	12.9	31.4	104.4	328.3	540.5	540.5	328.3	104.4	31.4	12.9	9.1	5.2	3.5
10		5.6	9.1	15.9	58.7	309.5	731.3	968.5	968.5	731.3	309.5	58.7	15.9	9.1	5.6	
0	3.8	5.9	9.2	18.3	89.1	487.5	951.0	1500.7	1500.7	951.0	487.5	89.1	18.3	9.2	5.9	3.8
-10		5.9	9.2	18.3	89.1	487.5	951.0	1500.7	1500.7	951.0	487.5	89.1	18.3	9.2	5.9	
-20	3.5	5.6	9.1	15.9	58.7	309.5	731.3	968.5	968.5	731.3	309.5	58.7	15.9	9.1	5.6	3.5
-30		5.2	9.1	12.9	31.4	104.4	328.3	540.5	540.5	328.3	104.4	31.4	12.9	9.1	5.2	
-40	2.6	4.4	8.9	11.5	17.3	34.2	65.0	99.3	99.3	65.0	34.2	17.3	11.5	8.9	4.4	2.6
-50		3.5	7.6	11.4	13.3	16.5	21.2	24.4	24.4	21.2	16.5	13.3	11.4	7.6	3.5	
-60	1.4	2.5	5.5	9.5	12.9	14.6	15.5	15.9	15.9	15.5	14.6	12.9	9.5	5.5	2.5	1.4
-70		1.5	3.4	5.9	8.7	11.2	13.1	14.2	14.2	13.1	11.2	8.7	5.9	3.4	1.5	
-80																
-90	0.4	3.0		8.3		13.7		16.0		13.7		8.3		3.0		0.4

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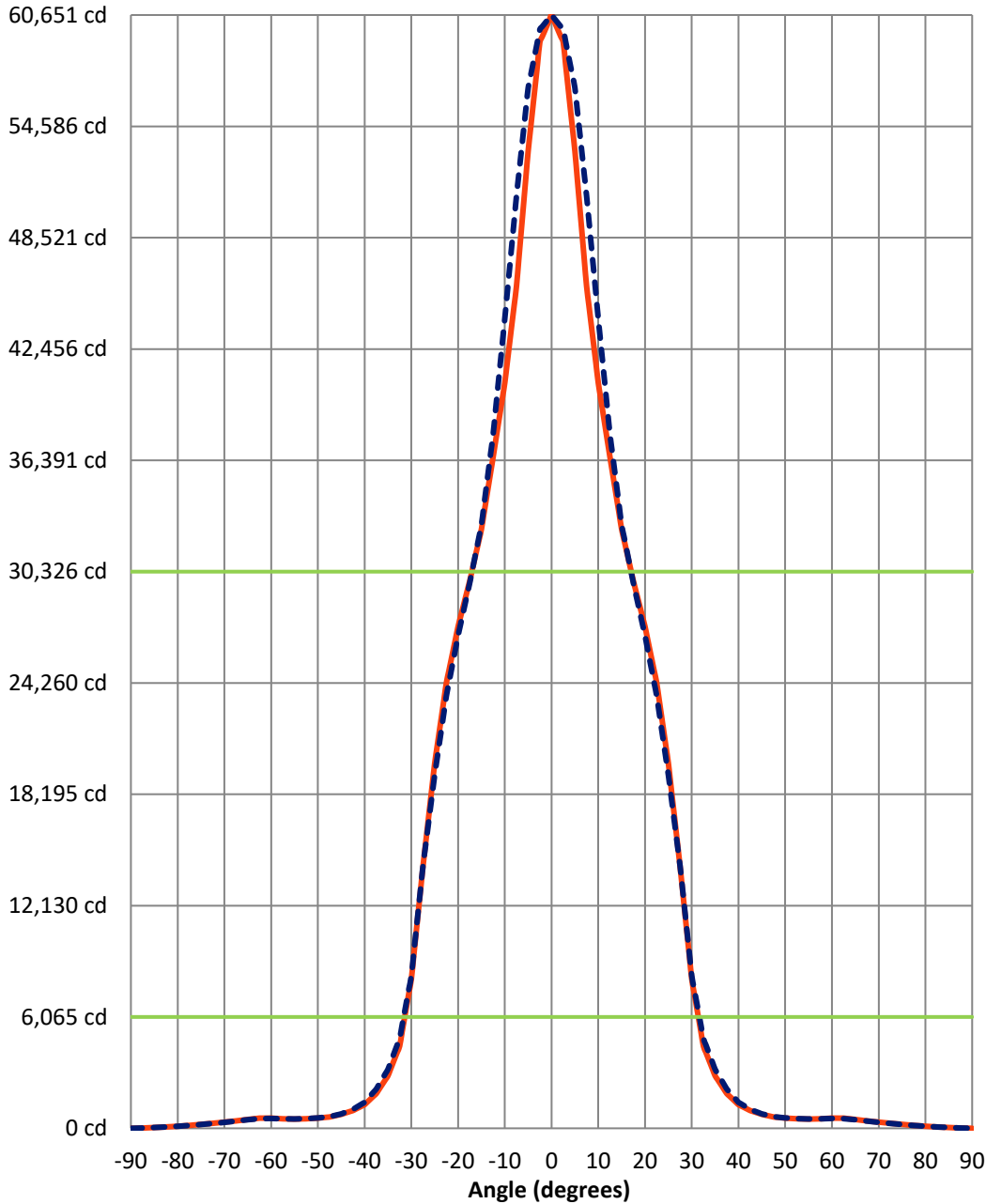
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 34°
 V Angle: 34.1°
 Lumens: 11428
 Efficiency: 42.6%

Field:
 H Angle: 63.3°
 V Angle: 62.8°
 Lumens: 23356.6
 Efficiency: 87.1%

Spill:
 Lumens: 3473.8
 Efficiency: 12.9%

- 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	2.0	2.7	3.3	4.0	4.6	5.3	5.9	6.5
85°	0.0	1.3	2.7	4.0	5.3	6.7	8.0	9.3	10.5	11.8	13.0
82.5°	0.0	2.0	4.0	6.0	8.0	10.0	11.9	13.9	16.0	19.2	22.2
80°	0.0	2.7	5.3	8.0	10.6	13.3	16.3	20.9	25.2	29.3	33.1
77.5°	0.0	3.3	6.7	10.0	13.3	17.4	23.4	29.1	34.4	39.3	44.4
75°	0.0	4.0	8.0	11.9	16.2	23.2	30.5	37.2	43.5	50.2	57.1
72.5°	0.0	4.6	9.3	13.9	20.7	29.0	37.5	45.4	53.3	61.3	69.6
70°	0.0	5.3	10.5	16.0	25.1	34.6	44.4	53.7	62.8	72.3	84.5
67.5°	0.0	5.9	11.8	19.2	29.5	40.1	51.3	61.8	72.3	86.2	99.9
65°	0.0	6.5	13.0	22.4	33.7	45.8	58.2	69.7	84.5	99.9	116.2
62.5°	0.0	7.1	14.2	25.4	37.9	51.6	65.0	79.4	96.5	114.1	135.1
60°	0.0	7.7	15.4	28.4	41.9	57.4	71.7	89.7	108.2	130.8	153.6
57.5°	0.0	8.3	17.3	31.3	46.5	63.1	80.2	99.8	122.1	147.1	172.5
55°	0.0	8.8	19.2	34.1	51.1	68.7	88.7	109.7	136.3	163.1	191.2
52.5°	0.0	9.4	21.1	36.8	55.6	74.4	96.9	121.5	150.1	179.1	209.2
50°	0.0	9.9	22.9	39.4	59.9	81.1	104.9	133.0	163.4	194.5	228.1
47.5°	0.0	10.4	24.7	42.1	64.2	87.5	112.9	144.1	176.3	209.1	246.8
45°	0.0	10.9	26.4	45.2	68.3	93.7	121.9	154.6	188.7	225.5	265.0
42.5°	0.0	11.4	28.0	48.2	72.3	99.7	130.4	164.9	200.6	241.4	283.8
40°	0.0	11.8	29.6	51.1	76.4	105.3	138.5	174.9	212.8	256.8	301.9
37.5°	0.0	12.2	31.1	53.9	80.8	110.8	146.1	184.5	225.8	271.7	319.2
35°	0.0	12.6	32.5	56.4	84.9	116.4	153.1	193.6	238.1	286.1	335.8
32.5°	0.0	13.0	33.9	58.8	88.7	122.0	159.9	202.2	249.5	299.8	351.7
30°	0.0	13.3	35.2	61.0	92.3	127.1	166.8	210.6	260.1	312.5	366.6
27.5°	0.0	13.7	36.4	63.0	95.4	131.8	173.2	219.2	270.1	324.3	380.4
25°	0.0	14.0	37.5	64.7	98.2	136.1	179.1	227.1	279.7	335.5	393.2
22.5°	0.0	14.2	38.6	66.3	100.7	140.0	184.5	234.2	288.5	345.9	406.0
20°	0.0	14.5	39.5	67.7	103.0	143.2	189.4	240.6	296.3	355.2	417.4
17.5°	0.0	14.7	40.4	68.9	105.0	146.0	193.7	246.2	303.3	363.4	427.5
15°	0.0	14.9	41.2	69.9	106.6	148.5	197.5	251.1	309.3	370.6	436.1
12.5°	0.0	15.0	41.8	70.7	108.0	150.5	200.8	255.3	314.3	376.6	443.3
10°	0.0	15.2	42.4	71.3	109.1	152.1	203.5	258.8	318.3	382.1	449.7
7.5°	0.0	15.3	42.9	71.8	110.0	153.3	205.6	261.5	321.2	386.6	456.3
5°	0.0	15.3	43.3	72.0	110.5	154.1	207.2	263.4	323.2	390.1	461.7
2.5°	0.0	15.4	43.5	72.1	110.7	154.5	208.1	264.6	324.2	392.4	465.7
0°	0.0	15.4	43.7	72.0	110.6	154.4	208.4	265.0	324.2	393.6	468.2
-2.5°	0.0	15.4	43.5	72.1	110.7	154.5	208.1	264.6	324.2	392.4	465.7
-5°	0.0	15.3	43.3	72.0	110.5	154.1	207.2	263.4	323.2	390.1	461.7
-7.5°	0.0	15.3	42.9	71.8	110.0	153.3	205.6	261.5	321.2	386.6	456.3
-10°	0.0	15.2	42.4	71.3	109.1	152.1	203.5	258.8	318.3	382.1	449.7
-12.5°	0.0	15.0	41.8	70.7	108.0	150.5	200.8	255.3	314.3	376.6	443.3
-15°	0.0	14.9	41.2	69.9	106.6	148.5	197.5	251.1	309.3	370.6	436.1
-17.5°	0.0	14.7	40.4	68.9	105.0	146.0	193.7	246.2	303.3	363.4	427.5
-20°	0.0	14.5	39.5	67.7	103.0	143.2	189.4	240.6	296.3	355.2	417.4



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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	14.2	38.6	66.3	100.7	140.0	184.5	234.2	288.5	345.9	406.0
-25°	0.0	14.0	37.5	64.7	98.2	136.1	179.1	227.1	279.7	335.5	393.2
-27.5°	0.0	13.7	36.4	63.0	95.4	131.8	173.2	219.2	270.1	324.3	380.4
-30°	0.0	13.3	35.2	61.0	92.3	127.1	166.8	210.6	260.1	312.5	366.6
-32.5°	0.0	13.0	33.9	58.8	88.7	122.0	159.9	202.2	249.5	299.8	351.7
-35°	0.0	12.6	32.5	56.4	84.9	116.4	153.1	193.6	238.1	286.1	335.8
-37.5°	0.0	12.2	31.1	53.9	80.8	110.8	146.1	184.5	225.8	271.7	319.2
-40°	0.0	11.8	29.6	51.1	76.4	105.3	138.5	174.9	212.8	256.8	301.9
-42.5°	0.0	11.4	28.0	48.2	72.3	99.7	130.4	164.9	200.6	241.4	283.8
-45°	0.0	10.9	26.4	45.2	68.3	93.7	121.9	154.6	188.7	225.5	265.0
-47.5°	0.0	10.4	24.7	42.1	64.2	87.5	112.9	144.1	176.3	209.1	246.8
-50°	0.0	9.9	22.9	39.4	59.9	81.1	104.9	133.0	163.4	194.5	228.1
-52.5°	0.0	9.4	21.1	36.8	55.6	74.4	96.9	121.5	150.1	179.1	209.2
-55°	0.0	8.8	19.2	34.1	51.1	68.7	88.7	109.7	136.3	163.1	191.2
-57.5°	0.0	8.3	17.3	31.3	46.5	63.1	80.2	99.8	122.1	147.1	172.5
-60°	0.0	7.7	15.4	28.4	41.9	57.4	71.7	89.7	108.2	130.8	153.6
-62.5°	0.0	7.1	14.2	25.4	37.9	51.6	65.0	79.4	96.5	114.1	135.1
-65°	0.0	6.5	13.0	22.4	33.7	45.8	58.2	69.7	84.5	99.9	116.2
-67.5°	0.0	5.9	11.8	19.2	29.5	40.1	51.3	61.8	72.3	86.2	99.9
-70°	0.0	5.3	10.5	16.0	25.1	34.6	44.4	53.7	62.8	72.3	84.5
-72.5°	0.0	4.6	9.3	13.9	20.7	29.0	37.5	45.4	53.3	61.3	69.6
-75°	0.0	4.0	8.0	11.9	16.2	23.2	30.5	37.2	43.5	50.2	57.1
-77.5°	0.0	3.3	6.7	10.0	13.3	17.4	23.4	29.1	34.4	39.3	44.4
-80°	0.0	2.7	5.3	8.0	10.6	13.3	16.3	20.9	25.2	29.3	33.1
-82.5°	0.0	2.0	4.0	6.0	8.0	10.0	11.9	13.9	16.0	19.2	22.2
-85°	0.0	1.3	2.7	4.0	5.3	6.7	8.0	9.3	10.5	11.8	13.0
-87.5°	0.0	0.7	1.3	2.0	2.7	3.3	4.0	4.6	5.3	5.9	6.5
-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):

	-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°	7.1	7.7	8.3	8.8	9.4	9.9	10.4	10.9	11.4	11.8	12.2
85°	14.2	15.4	17.3	19.2	20.9	22.4	23.8	25.0	26.4	27.7	29.0
82.5°	25.3	28.2	31.1	33.9	36.1	38.1	40.1	42.9	46.1	49.2	52.2
80°	37.1	41.0	45.8	50.7	55.2	59.5	63.8	68.2	72.5	77.1	81.6
77.5°	50.4	56.7	63.1	69.5	75.8	83.0	90.2	97.3	103.7	109.4	114.7
75°	64.5	72.3	81.7	91.4	100.6	109.7	118.8	128.7	137.5	145.4	152.8
72.5°	79.9	91.2	102.6	114.0	126.8	139.1	151.0	162.5	173.0	182.9	192.8
70°	97.0	110.0	125.2	140.6	155.5	169.6	183.3	196.3	208.5	221.4	235.2
67.5°	114.4	132.4	149.9	167.3	184.7	200.7	215.8	232.5	249.0	265.3	280.8
65°	135.2	155.0	175.3	195.2	214.2	233.5	252.9	271.9	291.4	309.8	327.1
62.5°	155.8	178.7	201.2	223.3	245.8	267.8	290.5	312.8	334.4	356.9	378.4
60°	177.7	202.7	227.4	252.2	277.4	303.7	328.9	355.2	381.7	407.1	431.6
57.5°	199.3	226.4	253.4	281.5	310.9	339.9	369.8	399.3	429.6	458.5	483.7
55°	220.4	249.7	280.0	312.2	344.5	377.8	411.2	445.5	478.0	502.4	525.3
52.5°	241.6	273.1	307.8	342.8	378.7	416.1	454.9	488.0	515.2	536.0	541.1
50°	262.4	298.4	335.1	373.5	413.3	455.5	492.6	522.6	537.9	543.7	540.7
47.5°	284.3	322.9	362.4	403.8	448.3	488.7	523.7	539.0	546.3	538.4	528.6
45°	306.0	347.4	389.2	434.7	479.1	517.3	537.0	547.9	538.1	528.7	521.9
42.5°	326.9	371.3	417.0	463.9	505.3	532.3	544.7	538.4	530.0	522.8	525.3
40°	347.7	394.2	444.3	488.4	525.7	539.4	537.3	529.6	524.8	528.0	538.4
37.5°	367.6	418.3	469.5	512.2	532.3	537.8	528.6	523.6	527.3	539.5	562.7
35°	386.5	441.4	490.1	525.9	539.4	529.9	523.2	522.5	536.3	561.0	595.4
32.5°	405.7	463.5	509.5	531.9	534.1	523.6	518.6	530.4	552.1	584.7	642.6
30°	424.3	480.4	523.8	537.4	528.0	519.8	522.7	539.7	569.2	623.4	717.1
27.5°	441.4	495.7	528.4	534.9	522.8	516.0	528.7	554.3	597.2	669.5	803.2
25°	456.9	509.6	532.4	529.9	519.3	518.5	535.8	567.4	626.5	743.4	926.7
22.5°	469.7	522.4	536.2	525.4	515.8	522.7	546.9	590.7	669.9	813.1	1055.5
20°	480.1	525.5	535.5	521.0	512.4	526.0	556.7	613.7	728.2	922.3	1200.5
17.5°	489.5	528.3	531.9	518.2	514.4	531.4	567.0	634.1	780.0	1016.0	1339.7
15°	497.9	530.8	528.4	515.7	516.9	538.7	583.8	672.7	842.1	1104.4	1464.8
12.5°	505.1	532.9	525.2	513.6	518.8	544.7	598.0	707.7	903.4	1200.2	1665.4
10°	511.1	534.6	522.2	511.9	520.0	549.5	609.6	735.4	950.6	1281.5	1833.8
7.5°	516.7	536.0	519.7	510.5	520.7	553.0	618.4	755.7	984.3	1346.8	1959.7
5°	520.8	537.0	518.2	509.9	522.6	556.9	624.8	768.9	1004.8	1394.4	2044.0
2.5°	523.5	537.5	517.4	509.5	525.2	562.1	630.3	780.1	1023.0	1417.9	2104.0
0°	524.8	537.7	517.1	509.4	527.4	566.0	632.9	784.7	1031.6	1417.5	2140.5
-2.5°	523.5	537.5	517.4	509.5	525.2	562.1	630.3	780.1	1023.0	1417.9	2104.0
-5°	520.8	537.0	518.2	509.9	522.6	556.9	624.8	768.9	1004.8	1394.4	2044.0
-7.5°	516.7	536.0	519.7	510.5	520.7	553.0	618.4	755.7	984.3	1346.8	1959.7
-10°	511.1	534.6	522.2	511.9	520.0	549.5	609.6	735.4	950.6	1281.5	1833.8
-12.5°	505.1	532.9	525.2	513.6	518.8	544.7	598.0	707.7	903.4	1200.2	1665.4
-15°	497.9	530.8	528.4	515.7	516.9	538.7	583.8	672.7	842.1	1104.4	1464.8
-17.5°	489.5	528.3	531.9	518.2	514.4	531.4	567.0	634.1	780.0	1016.0	1339.7
-20°	480.1	525.5	535.5	521.0	512.4	526.0	556.7	613.7	728.2	922.3	1200.5



REPORT NUMBER: P559092 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-940-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	469.7	522.4	536.2	525.4	515.8	522.7	546.9	590.7	669.9	813.1	1055.5
-25°	456.9	509.6	532.4	529.9	519.3	518.5	535.8	567.4	626.5	743.4	926.7
-27.5°	441.4	495.7	528.4	534.9	522.8	516.0	528.7	554.3	597.2	669.5	803.2
-30°	424.3	480.4	523.8	537.4	528.0	519.8	522.7	539.7	569.2	623.4	717.1
-32.5°	405.7	463.5	509.5	531.9	534.1	523.6	518.6	530.4	552.1	584.7	642.6
-35°	386.5	441.4	490.1	525.9	539.4	529.9	523.2	522.5	536.3	561.0	595.4
-37.5°	367.6	418.3	469.5	512.2	532.3	537.8	528.6	523.6	527.3	539.5	562.7
-40°	347.7	394.2	444.3	488.4	525.7	539.4	537.3	529.6	524.8	528.0	538.4
-42.5°	326.9	371.3	417.0	463.9	505.3	532.3	544.7	538.4	530.0	522.8	525.3
-45°	306.0	347.4	389.2	434.7	479.1	517.3	537.0	547.9	538.1	528.7	521.9
-47.5°	284.3	322.9	362.4	403.8	448.3	488.7	523.7	539.0	546.3	538.4	528.6
-50°	262.4	298.4	335.1	373.5	413.3	455.5	492.6	522.6	537.9	543.7	540.7
-52.5°	241.6	273.1	307.8	342.8	378.7	416.1	454.9	488.0	515.2	536.0	541.1
-55°	220.4	249.7	280.0	312.2	344.5	377.8	411.2	445.5	478.0	502.4	525.3
-57.5°	199.3	226.4	253.4	281.5	310.9	339.9	369.8	399.3	429.6	458.5	483.7
-60°	177.7	202.7	227.4	252.2	277.4	303.7	328.9	355.2	381.7	407.1	431.6
-62.5°	155.8	178.7	201.2	223.3	245.8	267.8	290.5	312.8	334.4	356.9	378.4
-65°	135.2	155.0	175.3	195.2	214.2	233.5	252.9	271.9	291.4	309.8	327.1
-67.5°	114.4	132.4	149.9	167.3	184.7	200.7	215.8	232.5	249.0	265.3	280.8
-70°	97.0	110.0	125.2	140.6	155.5	169.6	183.3	196.3	208.5	221.4	235.2
-72.5°	79.9	91.2	102.6	114.0	126.8	139.1	151.0	162.5	173.0	182.9	192.8
-75°	64.5	72.3	81.7	91.4	100.6	109.7	118.8	128.7	137.5	145.4	152.8
-77.5°	50.4	56.7	63.1	69.5	75.8	83.0	90.2	97.3	103.7	109.4	114.7
-80°	37.1	41.0	45.8	50.7	55.2	59.5	63.8	68.2	72.5	77.1	81.6
-82.5°	25.3	28.2	31.1	33.9	36.1	38.1	40.1	42.9	46.1	49.2	52.2
-85°	14.2	15.4	17.3	19.2	20.9	22.4	23.8	25.0	26.4	27.7	29.0
-87.5°	7.1	7.7	8.3	8.8	9.4	9.9	10.4	10.9	11.4	11.8	12.2
-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: P559092 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-940-U-MR-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°	12.6	12.5	12.3	12.0	11.7	11.9	12.1	12.3	12.5	13.2	13.9
85°	30.2	31.6	33.0	34.4	35.9	36.9	37.8	38.6	39.3	39.9	40.4
82.5°	55.0	57.9	60.6	63.0	65.2	66.9	68.5	69.9	71.2	72.2	73.1
80°	85.8	89.6	93.0	96.0	98.7	100.9	102.9	104.5	105.7	108.2	110.8
77.5°	120.1	125.4	130.4	134.9	139.0	143.0	146.8	150.2	153.2	155.5	157.2
75°	159.9	166.6	173.4	179.6	185.3	191.2	196.9	202.1	206.8	209.9	212.2
72.5°	202.6	211.7	219.9	227.8	234.9	242.1	249.2	255.6	261.2	265.5	269.0
70°	248.3	260.1	269.7	278.7	287.6	296.6	305.3	312.9	319.4	324.8	329.2
67.5°	295.6	309.2	321.3	333.1	344.9	356.0	366.6	376.4	385.4	392.3	396.8
65°	344.1	361.5	377.5	392.0	405.1	417.6	430.8	443.0	454.0	463.0	470.0
62.5°	398.9	418.6	436.6	452.9	467.5	479.1	491.7	503.1	513.4	522.9	532.4
60°	454.8	476.8	492.7	506.5	519.1	530.4	534.7	538.9	542.3	545.4	549.2
57.5°	503.7	522.6	536.2	539.4	542.1	544.5	543.0	538.6	534.0	529.5	525.9
55°	537.7	543.1	549.2	544.5	536.9	529.9	523.7	519.4	515.4	511.8	508.7
52.5°	546.8	541.6	535.3	528.3	523.1	517.8	512.4	513.3	515.0	516.2	516.9
50°	533.5	527.4	524.0	520.1	520.8	523.4	525.6	530.7	537.0	541.5	545.3
47.5°	523.2	519.3	524.4	530.9	537.0	548.0	557.9	567.5	582.4	594.2	603.7
45°	520.4	530.1	540.2	556.2	570.2	594.6	617.5	636.6	672.1	704.7	730.2
42.5°	535.1	551.9	570.2	601.2	634.8	677.9	733.1	779.8	834.5	885.5	922.4
40°	559.4	584.1	625.3	675.3	753.7	823.4	914.8	993.1	1066.7	1144.6	1203.2
37.5°	594.3	640.3	717.4	807.3	926.2	1040.4	1166.6	1289.0	1393.4	1551.3	1674.9
35°	646.2	739.4	848.8	999.0	1154.2	1329.3	1513.7	1751.4	1960.7	2206.2	2437.0
32.5°	740.6	866.9	1038.3	1241.5	1447.9	1749.8	2034.8	2420.9	2768.0	3201.0	3666.7
30°	851.2	1039.6	1270.0	1535.2	1908.9	2324.4	2792.8	3385.1	4088.9	4926.9	6051.4
27.5°	1003.6	1245.5	1535.3	1965.2	2495.4	3052.1	3882.8	4878.3	6692.7	8273.8	10369.3
25°	1167.6	1463.1	1921.5	2499.2	3196.8	4199.5	5823.3	7895.0	10829.3	13635.1	15878.1
22.5°	1356.8	1788.5	2367.0	3086.0	4215.1	6156.3	8677.6	12325.9	15598.0	18427.9	20607.3
20°	1566.2	2107.7	2885.2	3983.8	5906.7	8749.8	12797.3	16541.5	19883.5	22319.7	24245.2
17.5°	1837.4	2544.8	3531.3	5047.3	7998.6	12379.6	16552.3	20253.1	23161.0	25301.3	27008.4
15°	2090.7	2947.1	4225.7	6812.4	10840.5	15522.8	19799.9	23101.2	25617.6	27609.3	29144.2
12.5°	2389.6	3399.1	5037.3	8337.2	13453.6	18116.0	22105.7	25188.4	27611.7	29478.6	31535.7
10°	2655.8	3885.2	6200.3	10369.1	15599.6	20154.1	24028.5	26798.8	29228.7	31661.7	34746.2
7.5°	2875.6	4293.4	7154.0	12083.6	17247.2	21661.6	25191.2	27959.4	30637.4	33886.7	38335.6
5°	3050.2	4601.1	7938.6	13377.8	18444.9	22737.6	26079.2	28885.2	31910.1	36256.7	42227.1
2.5°	3166.9	4802.7	8429.1	14159.8	19200.5	23354.7	26737.6	29490.7	32662.2	37583.6	43821.2
0°	3213.3	4895.8	8304.6	14301.6	19246.3	23555.5	26835.7	29717.1	32876.3	37805.6	44113.8
-2.5°	3166.9	4802.7	8429.1	14159.8	19200.5	23354.7	26737.6	29490.7	32662.2	37583.6	43821.2
-5°	3050.2	4601.1	7938.6	13377.8	18444.9	22737.6	26079.2	28885.2	31910.1	36256.7	42227.1
-7.5°	2875.6	4293.4	7154.0	12083.6	17247.2	21661.6	25191.2	27959.4	30637.4	33886.7	38335.6
-10°	2655.8	3885.2	6200.3	10369.1	15599.6	20154.1	24028.5	26798.8	29228.7	31661.7	34746.2
-12.5°	2389.6	3399.1	5037.3	8337.2	13453.6	18116.0	22105.7	25188.4	27611.7	29478.6	31535.7
-15°	2090.7	2947.1	4225.7	6812.4	10840.5	15522.8	19799.9	23101.2	25617.6	27609.3	29144.2
-17.5°	1837.4	2544.8	3531.3	5047.3	7998.6	12379.6	16552.3	20253.1	23161.0	25301.3	27008.4
-20°	1566.2	2107.7	2885.2	3983.8	5906.7	8749.8	12797.3	16541.5	19883.5	22319.7	24245.2



REPORT NUMBER: P559092 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-940-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1356.8	1788.5	2367.0	3086.0	4215.1	6156.3	8677.6	12325.9	15598.0	18427.9	20607.3
-25°	1167.6	1463.1	1921.5	2499.2	3196.8	4199.5	5823.3	7895.0	10829.3	13635.1	15878.1
-27.5°	1003.6	1245.5	1535.3	1965.2	2495.4	3052.1	3882.8	4878.3	6692.7	8273.8	10369.3
-30°	851.2	1039.6	1270.0	1535.2	1908.9	2324.4	2792.8	3385.1	4088.9	4926.9	6051.4
-32.5°	740.6	866.9	1038.3	1241.5	1447.9	1749.8	2034.8	2420.9	2768.0	3201.0	3666.7
-35°	646.2	739.4	848.8	999.0	1154.2	1329.3	1513.7	1751.4	1960.7	2206.2	2437.0
-37.5°	594.3	640.3	717.4	807.3	926.2	1040.4	1166.6	1289.0	1393.4	1551.3	1674.9
-40°	559.4	584.1	625.3	675.3	753.7	823.4	914.8	993.1	1066.7	1144.6	1203.2
-42.5°	535.1	551.9	570.2	601.2	634.8	677.9	733.1	779.8	834.5	885.5	922.4
-45°	520.4	530.1	540.2	556.2	570.2	594.6	617.5	636.6	672.1	704.7	730.2
-47.5°	523.2	519.3	524.4	530.9	537.0	548.0	557.9	567.5	582.4	594.2	603.7
-50°	533.5	527.4	524.0	520.1	520.8	523.4	525.6	530.7	537.0	541.5	545.3
-52.5°	546.8	541.6	535.3	528.3	523.1	517.8	512.4	513.3	515.0	516.2	516.9
-55°	537.7	543.1	549.2	544.5	536.9	529.9	523.7	519.4	515.4	511.8	508.7
-57.5°	503.7	522.6	536.2	539.4	542.1	544.5	543.0	538.6	534.0	529.5	525.9
-60°	454.8	476.8	492.7	506.5	519.1	530.4	534.7	538.9	542.3	545.4	549.2
-62.5°	398.9	418.6	436.6	452.9	467.5	479.1	491.7	503.1	513.4	522.9	532.4
-65°	344.1	361.5	377.5	392.0	405.1	417.6	430.8	443.0	454.0	463.0	470.0
-67.5°	295.6	309.2	321.3	333.1	344.9	356.0	366.6	376.4	385.4	392.3	396.8
-70°	248.3	260.1	269.7	278.7	287.6	296.6	305.3	312.9	319.4	324.8	329.2
-72.5°	202.6	211.7	219.9	227.8	234.9	242.1	249.2	255.6	261.2	265.5	269.0
-75°	159.9	166.6	173.4	179.6	185.3	191.2	196.9	202.1	206.8	209.9	212.2
-77.5°	120.1	125.4	130.4	134.9	139.0	143.0	146.8	150.2	153.2	155.5	157.2
-80°	85.8	89.6	93.0	96.0	98.7	100.9	102.9	104.5	105.7	108.2	110.8
-82.5°	55.0	57.9	60.6	63.0	65.2	66.9	68.5	69.9	71.2	72.2	73.1
-85°	30.2	31.6	33.0	34.4	35.9	36.9	37.8	38.6	39.3	39.9	40.4
-87.5°	12.6	12.5	12.3	12.0	11.7	11.9	12.1	12.3	12.5	13.2	13.9
-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: P559092 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-940-U-MR-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°	14.6	15.3	15.4	15.4	15.4	15.3	14.6	13.9	13.2	12.5	12.3
85°	40.7	41.0	42.4	43.7	42.4	41.0	40.7	40.4	39.9	39.3	38.6
82.5°	73.7	74.2	74.5	74.6	74.5	74.2	73.7	73.1	72.2	71.2	69.9
80°	113.1	115.1	114.4	113.2	114.4	115.1	113.1	110.8	108.2	105.7	104.5
77.5°	158.2	158.7	158.0	156.9	158.0	158.7	158.2	157.2	155.5	153.2	150.2
75°	213.8	214.8	215.8	216.1	215.8	214.8	213.8	212.2	209.9	206.8	202.1
72.5°	271.7	273.7	273.7	272.7	273.7	273.7	271.7	269.0	265.5	261.2	255.6
70°	332.6	335.0	336.5	337.0	336.5	335.0	332.6	329.2	324.8	319.4	312.9
67.5°	400.0	401.7	403.3	403.9	403.3	401.7	400.0	396.8	392.3	385.4	376.4
65°	475.8	480.3	481.7	481.1	481.7	480.3	475.8	470.0	463.0	454.0	443.0
62.5°	541.2	549.0	552.3	553.1	552.3	549.0	541.2	532.4	522.9	513.4	503.1
60°	552.3	554.9	555.7	555.7	555.7	554.9	552.3	549.2	545.4	542.3	538.9
57.5°	522.4	519.4	517.6	517.1	517.6	519.4	522.4	525.9	529.5	534.0	538.6
55°	505.8	503.2	501.9	501.7	501.9	503.2	505.8	508.7	511.8	515.4	519.4
52.5°	517.1	516.7	517.8	519.7	517.8	516.7	517.1	516.9	516.2	515.0	513.3
50°	548.6	550.9	553.3	555.7	553.3	550.9	548.6	545.3	541.5	537.0	530.7
47.5°	610.5	614.0	616.1	617.4	616.1	614.0	610.5	603.7	594.2	582.4	567.5
45°	746.9	755.8	760.2	761.5	760.2	755.8	746.9	730.2	704.7	672.1	636.6
42.5°	946.9	960.4	966.2	967.3	966.2	960.4	946.9	922.4	885.5	834.5	779.8
40°	1245.2	1269.1	1280.7	1288.9	1280.7	1269.1	1245.2	1203.2	1144.6	1066.7	993.1
37.5°	1767.4	1827.5	1861.5	1890.9	1861.5	1827.5	1767.4	1674.9	1551.3	1393.4	1289.0
35°	2624.7	2762.3	2843.3	2860.8	2843.3	2762.3	2624.7	2437.0	2206.2	1960.7	1751.4
32.5°	4025.2	4295.0	4456.4	4476.5	4456.4	4295.0	4025.2	3666.7	3201.0	2768.0	2420.9
30°	6924.4	7680.3	8198.4	8127.1	8198.4	7680.3	6924.4	6051.4	4926.9	4088.9	3385.1
27.5°	12086.0	13456.9	14347.4	14273.3	14347.4	13456.9	12086.0	10369.3	8273.8	6692.7	4878.3
25°	17602.6	18864.5	19609.3	19884.3	19609.3	18864.5	17602.6	15878.1	13635.1	10829.3	7895.0
22.5°	22107.5	23235.6	23879.9	24265.6	23879.9	23235.6	22107.5	20607.3	18427.9	15598.0	12325.9
20°	25559.1	26537.5	27091.6	27329.6	27091.6	26537.5	25559.1	24245.2	22319.7	19883.5	16541.5
17.5°	28214.5	29033.5	29661.0	29822.6	29661.0	29033.5	28214.5	27008.4	25301.3	23161.0	20253.1
15°	30563.4	31621.3	32361.2	32637.1	32361.2	31621.3	30563.4	29144.2	27609.3	25617.6	23101.2
12.5°	33525.2	35364.7	36342.7	36568.1	36342.7	35364.7	33525.2	31535.7	29478.6	27611.7	25188.4
10°	37903.0	40730.6	41051.0	40612.4	41051.0	40730.6	37903.0	34746.2	31661.7	29228.7	26798.8
7.5°	44278.8	48049.1	47233.9	45876.1	47233.9	48049.1	44278.8	38335.6	33886.7	30637.4	27959.4
5°	48841.5	54076.1	54238.6	53241.7	54238.6	54076.1	48841.5	42227.1	36256.7	31910.1	28885.2
2.5°	50657.9	56046.4	58728.3	59167.9	58728.3	56046.4	50657.9	43821.2	37583.6	32662.2	29490.7
0°	50793.8	56681.4	59861.2	60651.0	59861.2	56681.4	50793.8	44113.8	37805.6	32876.3	29717.1
-2.5°	50657.9	56046.4	58728.3	59167.9	58728.3	56046.4	50657.9	43821.2	37583.6	32662.2	29490.7
-5°	48841.5	54076.1	54238.6	53241.7	54238.6	54076.1	48841.5	42227.1	36256.7	31910.1	28885.2
-7.5°	44278.8	48049.1	47233.9	45876.1	47233.9	48049.1	44278.8	38335.6	33886.7	30637.4	27959.4
-10°	37903.0	40730.6	41051.0	40612.4	41051.0	40730.6	37903.0	34746.2	31661.7	29228.7	26798.8
-12.5°	33525.2	35364.7	36342.7	36568.1	36342.7	35364.7	33525.2	31535.7	29478.6	27611.7	25188.4
-15°	30563.4	31621.3	32361.2	32637.1	32361.2	31621.3	30563.4	29144.2	27609.3	25617.6	23101.2
-17.5°	28214.5	29033.5	29661.0	29822.6	29661.0	29033.5	28214.5	27008.4	25301.3	23161.0	20253.1
-20°	25559.1	26537.5	27091.6	27329.6	27091.6	26537.5	25559.1	24245.2	22319.7	19883.5	16541.5



REPORT NUMBER: P559092 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-940-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	22107.5	23235.6	23879.9	24265.6	23879.9	23235.6	22107.5	20607.3	18427.9	15598.0	12325.9
-25°	17602.6	18864.5	19609.3	19884.3	19609.3	18864.5	17602.6	15878.1	13635.1	10829.3	7895.0
-27.5°	12086.0	13456.9	14347.4	14273.3	14347.4	13456.9	12086.0	10369.3	8273.8	6692.7	4878.3
-30°	6924.4	7680.3	8198.4	8127.1	8198.4	7680.3	6924.4	6051.4	4926.9	4088.9	3385.1
-32.5°	4025.2	4295.0	4456.4	4476.5	4456.4	4295.0	4025.2	3666.7	3201.0	2768.0	2420.9
-35°	2624.7	2762.3	2843.3	2860.8	2843.3	2762.3	2624.7	2437.0	2206.2	1960.7	1751.4
-37.5°	1767.4	1827.5	1861.5	1890.9	1861.5	1827.5	1767.4	1674.9	1551.3	1393.4	1289.0
-40°	1245.2	1269.1	1280.7	1288.9	1280.7	1269.1	1245.2	1203.2	1144.6	1066.7	993.1
-42.5°	946.9	960.4	966.2	967.3	966.2	960.4	946.9	922.4	885.5	834.5	779.8
-45°	746.9	755.8	760.2	761.5	760.2	755.8	746.9	730.2	704.7	672.1	636.6
-47.5°	610.5	614.0	616.1	617.4	616.1	614.0	610.5	603.7	594.2	582.4	567.5
-50°	548.6	550.9	553.3	555.7	553.3	550.9	548.6	545.3	541.5	537.0	530.7
-52.5°	517.1	516.7	517.8	519.7	517.8	516.7	517.1	516.9	516.2	515.0	513.3
-55°	505.8	503.2	501.9	501.7	501.9	503.2	505.8	508.7	511.8	515.4	519.4
-57.5°	522.4	519.4	517.6	517.1	517.6	519.4	522.4	525.9	529.5	534.0	538.6
-60°	552.3	554.9	555.7	555.7	555.7	554.9	552.3	549.2	545.4	542.3	538.9
-62.5°	541.2	549.0	552.3	553.1	552.3	549.0	541.2	532.4	522.9	513.4	503.1
-65°	475.8	480.3	481.7	481.1	481.7	480.3	475.8	470.0	463.0	454.0	443.0
-67.5°	400.0	401.7	403.3	403.9	403.3	401.7	400.0	396.8	392.3	385.4	376.4
-70°	332.6	335.0	336.5	337.0	336.5	335.0	332.6	329.2	324.8	319.4	312.9
-72.5°	271.7	273.7	273.7	272.7	273.7	273.7	271.7	269.0	265.5	261.2	255.6
-75°	213.8	214.8	215.8	216.1	215.8	214.8	213.8	212.2	209.9	206.8	202.1
-77.5°	158.2	158.7	158.0	156.9	158.0	158.7	158.2	157.2	155.5	153.2	150.2
-80°	113.1	115.1	114.4	113.2	114.4	115.1	113.1	110.8	108.2	105.7	104.5
-82.5°	73.7	74.2	74.5	74.6	74.5	74.2	73.7	73.1	72.2	71.2	69.9
-85°	40.7	41.0	42.4	43.7	42.4	41.0	40.7	40.4	39.9	39.3	38.6
-87.5°	14.6	15.3	15.4	15.4	15.4	15.3	14.6	13.9	13.2	12.5	12.3
-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: P559092 (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°	12.1	11.9	11.7	12.0	12.3	12.5	12.6	12.2	11.8	11.4	10.9
85°	37.8	36.9	35.9	34.4	33.0	31.6	30.2	29.0	27.7	26.4	25.0
82.5°	68.5	66.9	65.2	63.0	60.6	57.9	55.0	52.2	49.2	46.1	42.9
80°	102.9	100.9	98.7	96.0	93.0	89.6	85.8	81.6	77.1	72.5	68.2
77.5°	146.8	143.0	139.0	134.9	130.4	125.4	120.1	114.7	109.4	103.7	97.3
75°	196.9	191.2	185.3	179.6	173.4	166.6	159.9	152.8	145.4	137.5	128.7
72.5°	249.2	242.1	234.9	227.8	219.9	211.7	202.6	192.8	182.9	173.0	162.5
70°	305.3	296.6	287.6	278.7	269.7	260.1	248.3	235.2	221.4	208.5	196.3
67.5°	366.6	356.0	344.9	333.1	321.3	309.2	295.6	280.8	265.3	249.0	232.5
65°	430.8	417.6	405.1	392.0	377.5	361.5	344.1	327.1	309.8	291.4	271.9
62.5°	491.7	479.1	467.5	452.9	436.6	418.6	398.9	378.4	356.9	334.4	312.8
60°	534.7	530.4	519.1	506.5	492.7	476.8	454.8	431.6	407.1	381.7	355.2
57.5°	543.0	544.5	542.1	539.4	536.2	522.6	503.7	483.7	458.5	429.6	399.3
55°	523.7	529.9	536.9	544.5	549.2	543.1	537.7	525.3	502.4	478.0	445.5
52.5°	512.4	517.8	523.1	528.3	535.3	541.6	546.8	541.1	536.0	515.2	488.0
50°	525.6	523.4	520.8	520.1	524.0	527.4	533.5	540.7	543.7	537.9	522.6
47.5°	557.9	548.0	537.0	530.9	524.4	519.3	523.2	528.6	538.4	546.3	539.0
45°	617.5	594.6	570.2	556.2	540.2	530.1	520.4	521.9	528.7	538.1	547.9
42.5°	733.1	677.9	634.8	601.2	570.2	551.9	535.1	525.3	522.8	530.0	538.4
40°	914.8	823.4	753.7	675.3	625.3	584.1	559.4	538.4	528.0	524.8	529.6
37.5°	1166.6	1040.4	926.2	807.3	717.4	640.3	594.3	562.7	539.5	527.3	523.6
35°	1513.7	1329.3	1154.2	999.0	848.8	739.4	646.2	595.4	561.0	536.3	522.5
32.5°	2034.8	1749.8	1447.9	1241.5	1038.3	866.9	740.6	642.6	584.7	552.1	530.4
30°	2792.8	2324.4	1908.9	1535.2	1270.0	1039.6	851.2	717.1	623.4	569.2	539.7
27.5°	3882.8	3052.1	2495.4	1965.2	1535.3	1245.5	1003.6	803.2	669.5	597.2	554.3
25°	5823.3	4199.5	3196.8	2499.2	1921.5	1463.1	1167.6	926.7	743.4	626.5	567.4
22.5°	8677.6	6156.3	4215.1	3086.0	2367.0	1788.5	1356.8	1055.5	813.1	669.9	590.7
20°	12797.3	8749.8	5906.7	3983.8	2885.2	2107.7	1566.2	1200.5	922.3	728.2	613.7
17.5°	16552.3	12379.6	7998.6	5047.3	3531.3	2544.8	1837.4	1339.7	1016.0	780.0	634.1
15°	19799.9	15522.8	10840.5	6812.4	4225.7	2947.1	2090.7	1464.8	1104.4	842.1	672.7
12.5°	22105.7	18116.0	13453.6	8337.2	5037.3	3399.1	2389.6	1665.4	1200.2	903.4	707.7
10°	24028.5	20154.1	15599.6	10369.1	6200.3	3885.2	2655.8	1833.8	1281.5	950.6	735.4
7.5°	25191.2	21661.6	17247.2	12083.6	7154.0	4293.4	2875.6	1959.7	1346.8	984.3	755.7
5°	26079.2	22737.6	18444.9	13377.8	7938.6	4601.1	3050.2	2044.0	1394.4	1004.8	768.9
2.5°	26737.6	23354.7	19200.5	14159.8	8429.1	4802.7	3166.9	2104.0	1417.9	1023.0	780.1
0°	26835.7	23555.5	19246.3	14301.6	8304.6	4895.8	3213.3	2140.5	1417.5	1031.6	784.7
-2.5°	26737.6	23354.7	19200.5	14159.8	8429.1	4802.7	3166.9	2104.0	1417.9	1023.0	780.1
-5°	26079.2	22737.6	18444.9	13377.8	7938.6	4601.1	3050.2	2044.0	1394.4	1004.8	768.9
-7.5°	25191.2	21661.6	17247.2	12083.6	7154.0	4293.4	2875.6	1959.7	1346.8	984.3	755.7
-10°	24028.5	20154.1	15599.6	10369.1	6200.3	3885.2	2655.8	1833.8	1281.5	950.6	735.4
-12.5°	22105.7	18116.0	13453.6	8337.2	5037.3	3399.1	2389.6	1665.4	1200.2	903.4	707.7
-15°	19799.9	15522.8	10840.5	6812.4	4225.7	2947.1	2090.7	1464.8	1104.4	842.1	672.7
-17.5°	16552.3	12379.6	7998.6	5047.3	3531.3	2544.8	1837.4	1339.7	1016.0	780.0	634.1
-20°	12797.3	8749.8	5906.7	3983.8	2885.2	2107.7	1566.2	1200.5	922.3	728.2	613.7



REPORT NUMBER: P559092 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-940-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8677.6	6156.3	4215.1	3086.0	2367.0	1788.5	1356.8	1055.5	813.1	669.9	590.7
-25°	5823.3	4199.5	3196.8	2499.2	1921.5	1463.1	1167.6	926.7	743.4	626.5	567.4
-27.5°	3882.8	3052.1	2495.4	1965.2	1535.3	1245.5	1003.6	803.2	669.5	597.2	554.3
-30°	2792.8	2324.4	1908.9	1535.2	1270.0	1039.6	851.2	717.1	623.4	569.2	539.7
-32.5°	2034.8	1749.8	1447.9	1241.5	1038.3	866.9	740.6	642.6	584.7	552.1	530.4
-35°	1513.7	1329.3	1154.2	999.0	848.8	739.4	646.2	595.4	561.0	536.3	522.5
-37.5°	1166.6	1040.4	926.2	807.3	717.4	640.3	594.3	562.7	539.5	527.3	523.6
-40°	914.8	823.4	753.7	675.3	625.3	584.1	559.4	538.4	528.0	524.8	529.6
-42.5°	733.1	677.9	634.8	601.2	570.2	551.9	535.1	525.3	522.8	530.0	538.4
-45°	617.5	594.6	570.2	556.2	540.2	530.1	520.4	521.9	528.7	538.1	547.9
-47.5°	557.9	548.0	537.0	530.9	524.4	519.3	523.2	528.6	538.4	546.3	539.0
-50°	525.6	523.4	520.8	520.1	524.0	527.4	533.5	540.7	543.7	537.9	522.6
-52.5°	512.4	517.8	523.1	528.3	535.3	541.6	546.8	541.1	536.0	515.2	488.0
-55°	523.7	529.9	536.9	544.5	549.2	543.1	537.7	525.3	502.4	478.0	445.5
-57.5°	543.0	544.5	542.1	539.4	536.2	522.6	503.7	483.7	458.5	429.6	399.3
-60°	534.7	530.4	519.1	506.5	492.7	476.8	454.8	431.6	407.1	381.7	355.2
-62.5°	491.7	479.1	467.5	452.9	436.6	418.6	398.9	378.4	356.9	334.4	312.8
-65°	430.8	417.6	405.1	392.0	377.5	361.5	344.1	327.1	309.8	291.4	271.9
-67.5°	366.6	356.0	344.9	333.1	321.3	309.2	295.6	280.8	265.3	249.0	232.5
-70°	305.3	296.6	287.6	278.7	269.7	260.1	248.3	235.2	221.4	208.5	196.3
-72.5°	249.2	242.1	234.9	227.8	219.9	211.7	202.6	192.8	182.9	173.0	162.5
-75°	196.9	191.2	185.3	179.6	173.4	166.6	159.9	152.8	145.4	137.5	128.7
-77.5°	146.8	143.0	139.0	134.9	130.4	125.4	120.1	114.7	109.4	103.7	97.3
-80°	102.9	100.9	98.7	96.0	93.0	89.6	85.8	81.6	77.1	72.5	68.2
-82.5°	68.5	66.9	65.2	63.0	60.6	57.9	55.0	52.2	49.2	46.1	42.9
-85°	37.8	36.9	35.9	34.4	33.0	31.6	30.2	29.0	27.7	26.4	25.0
-87.5°	12.1	11.9	11.7	12.0	12.3	12.5	12.6	12.2	11.8	11.4	10.9
-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: P559092 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-940-U-MR-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°	10.4	9.9	9.4	8.8	8.3	7.7	7.1	6.5	5.9	5.3	4.6
85°	23.8	22.4	20.9	19.2	17.3	15.4	14.2	13.0	11.8	10.5	9.3
82.5°	40.1	38.1	36.1	33.9	31.1	28.2	25.3	22.2	19.2	16.0	13.9
80°	63.8	59.5	55.2	50.7	45.8	41.0	37.1	33.1	29.3	25.2	20.9
77.5°	90.2	83.0	75.8	69.5	63.1	56.7	50.4	44.4	39.3	34.4	29.1
75°	118.8	109.7	100.6	91.4	81.7	72.3	64.5	57.1	50.2	43.5	37.2
72.5°	151.0	139.1	126.8	114.0	102.6	91.2	79.9	69.6	61.3	53.3	45.4
70°	183.3	169.6	155.5	140.6	125.2	110.0	97.0	84.5	72.3	62.8	53.7
67.5°	215.8	200.7	184.7	167.3	149.9	132.4	114.4	99.9	86.2	72.3	61.8
65°	252.9	233.5	214.2	195.2	175.3	155.0	135.2	116.2	99.9	84.5	69.7
62.5°	290.5	267.8	245.8	223.3	201.2	178.7	155.8	135.1	114.1	96.5	79.4
60°	328.9	303.7	277.4	252.2	227.4	202.7	177.7	153.6	130.8	108.2	89.7
57.5°	369.8	339.9	310.9	281.5	253.4	226.4	199.3	172.5	147.1	122.1	99.8
55°	411.2	377.8	344.5	312.2	280.0	249.7	220.4	191.2	163.1	136.3	109.7
52.5°	454.9	416.1	378.7	342.8	307.8	273.1	241.6	209.2	179.1	150.1	121.5
50°	492.6	455.5	413.3	373.5	335.1	298.4	262.4	228.1	194.5	163.4	133.0
47.5°	523.7	488.7	448.3	403.8	362.4	322.9	284.3	246.8	209.1	176.3	144.1
45°	537.0	517.3	479.1	434.7	389.2	347.4	306.0	265.0	225.5	188.7	154.6
42.5°	544.7	532.3	505.3	463.9	417.0	371.3	326.9	283.8	241.4	200.6	164.9
40°	537.3	539.4	525.7	488.4	444.3	394.2	347.7	301.9	256.8	212.8	174.9
37.5°	528.6	537.8	532.3	512.2	469.5	418.3	367.6	319.2	271.7	225.8	184.5
35°	523.2	529.9	539.4	525.9	490.1	441.4	386.5	335.8	286.1	238.1	193.6
32.5°	518.6	523.6	534.1	531.9	509.5	463.5	405.7	351.7	299.8	249.5	202.2
30°	522.7	519.8	528.0	537.4	523.8	480.4	424.3	366.6	312.5	260.1	210.6
27.5°	528.7	516.0	522.8	534.9	528.4	495.7	441.4	380.4	324.3	270.1	219.2
25°	535.8	518.5	519.3	529.9	532.4	509.6	456.9	393.2	335.5	279.7	227.1
22.5°	546.9	522.7	515.8	525.4	536.2	522.4	469.7	406.0	345.9	288.5	234.2
20°	556.7	526.0	512.4	521.0	535.5	525.5	480.1	417.4	355.2	296.3	240.6
17.5°	567.0	531.4	514.4	518.2	531.9	528.3	489.5	427.5	363.4	303.3	246.2
15°	583.8	538.7	516.9	515.7	528.4	530.8	497.9	436.1	370.6	309.3	251.1
12.5°	598.0	544.7	518.8	513.6	525.2	532.9	505.1	443.3	376.6	314.3	255.3
10°	609.6	549.5	520.0	511.9	522.2	534.6	511.1	449.7	382.1	318.3	258.8
7.5°	618.4	553.0	520.7	510.5	519.7	536.0	516.7	456.3	386.6	321.2	261.5
5°	624.8	556.9	522.6	509.9	518.2	537.0	520.8	461.7	390.1	323.2	263.4
2.5°	630.3	562.1	525.2	509.5	517.4	537.5	523.5	465.7	392.4	324.2	264.6
0°	632.9	566.0	527.4	509.4	517.1	537.7	524.8	468.2	393.6	324.2	265.0
-2.5°	630.3	562.1	525.2	509.5	517.4	537.5	523.5	465.7	392.4	324.2	264.6
-5°	624.8	556.9	522.6	509.9	518.2	537.0	520.8	461.7	390.1	323.2	263.4
-7.5°	618.4	553.0	520.7	510.5	519.7	536.0	516.7	456.3	386.6	321.2	261.5
-10°	609.6	549.5	520.0	511.9	522.2	534.6	511.1	449.7	382.1	318.3	258.8
-12.5°	598.0	544.7	518.8	513.6	525.2	532.9	505.1	443.3	376.6	314.3	255.3
-15°	583.8	538.7	516.9	515.7	528.4	530.8	497.9	436.1	370.6	309.3	251.1
-17.5°	567.0	531.4	514.4	518.2	531.9	528.3	489.5	427.5	363.4	303.3	246.2
-20°	556.7	526.0	512.4	521.0	535.5	525.5	480.1	417.4	355.2	296.3	240.6



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	546.9	522.7	515.8	525.4	536.2	522.4	469.7	406.0	345.9	288.5	234.2
-25°	535.8	518.5	519.3	529.9	532.4	509.6	456.9	393.2	335.5	279.7	227.1
-27.5°	528.7	516.0	522.8	534.9	528.4	495.7	441.4	380.4	324.3	270.1	219.2
-30°	522.7	519.8	528.0	537.4	523.8	480.4	424.3	366.6	312.5	260.1	210.6
-32.5°	518.6	523.6	534.1	531.9	509.5	463.5	405.7	351.7	299.8	249.5	202.2
-35°	523.2	529.9	539.4	525.9	490.1	441.4	386.5	335.8	286.1	238.1	193.6
-37.5°	528.6	537.8	532.3	512.2	469.5	418.3	367.6	319.2	271.7	225.8	184.5
-40°	537.3	539.4	525.7	488.4	444.3	394.2	347.7	301.9	256.8	212.8	174.9
-42.5°	544.7	532.3	505.3	463.9	417.0	371.3	326.9	283.8	241.4	200.6	164.9
-45°	537.0	517.3	479.1	434.7	389.2	347.4	306.0	265.0	225.5	188.7	154.6
-47.5°	523.7	488.7	448.3	403.8	362.4	322.9	284.3	246.8	209.1	176.3	144.1
-50°	492.6	455.5	413.3	373.5	335.1	298.4	262.4	228.1	194.5	163.4	133.0
-52.5°	454.9	416.1	378.7	342.8	307.8	273.1	241.6	209.2	179.1	150.1	121.5
-55°	411.2	377.8	344.5	312.2	280.0	249.7	220.4	191.2	163.1	136.3	109.7
-57.5°	369.8	339.9	310.9	281.5	253.4	226.4	199.3	172.5	147.1	122.1	99.8
-60°	328.9	303.7	277.4	252.2	227.4	202.7	177.7	153.6	130.8	108.2	89.7
-62.5°	290.5	267.8	245.8	223.3	201.2	178.7	155.8	135.1	114.1	96.5	79.4
-65°	252.9	233.5	214.2	195.2	175.3	155.0	135.2	116.2	99.9	84.5	69.7
-67.5°	215.8	200.7	184.7	167.3	149.9	132.4	114.4	99.9	86.2	72.3	61.8
-70°	183.3	169.6	155.5	140.6	125.2	110.0	97.0	84.5	72.3	62.8	53.7
-72.5°	151.0	139.1	126.8	114.0	102.6	91.2	79.9	69.6	61.3	53.3	45.4
-75°	118.8	109.7	100.6	91.4	81.7	72.3	64.5	57.1	50.2	43.5	37.2
-77.5°	90.2	83.0	75.8	69.5	63.1	56.7	50.4	44.4	39.3	34.4	29.1
-80°	63.8	59.5	55.2	50.7	45.8	41.0	37.1	33.1	29.3	25.2	20.9
-82.5°	40.1	38.1	36.1	33.9	31.1	28.2	25.3	22.2	19.2	16.0	13.9
-85°	23.8	22.4	20.9	19.2	17.3	15.4	14.2	13.0	11.8	10.5	9.3
-87.5°	10.4	9.9	9.4	8.8	8.3	7.7	7.1	6.5	5.9	5.3	4.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.0	3.3	2.7	2.0	1.3	0.7	0.0
85°	8.0	6.7	5.3	4.0	2.7	1.3	0.0
82.5°	11.9	10.0	8.0	6.0	4.0	2.0	0.0
80°	16.3	13.3	10.6	8.0	5.3	2.7	0.0
77.5°	23.4	17.4	13.3	10.0	6.7	3.3	0.0
75°	30.5	23.2	16.2	11.9	8.0	4.0	0.0
72.5°	37.5	29.0	20.7	13.9	9.3	4.6	0.0
70°	44.4	34.6	25.1	16.0	10.5	5.3	0.0
67.5°	51.3	40.1	29.5	19.2	11.8	5.9	0.0
65°	58.2	45.8	33.7	22.4	13.0	6.5	0.0
62.5°	65.0	51.6	37.9	25.4	14.2	7.1	0.0
60°	71.7	57.4	41.9	28.4	15.4	7.7	0.0
57.5°	80.2	63.1	46.5	31.3	17.3	8.3	0.0
55°	88.7	68.7	51.1	34.1	19.2	8.8	0.0
52.5°	96.9	74.4	55.6	36.8	21.1	9.4	0.0
50°	104.9	81.1	59.9	39.4	22.9	9.9	0.0
47.5°	112.9	87.5	64.2	42.1	24.7	10.4	0.0
45°	121.9	93.7	68.3	45.2	26.4	10.9	0.0
42.5°	130.4	99.7	72.3	48.2	28.0	11.4	0.0
40°	138.5	105.3	76.4	51.1	29.6	11.8	0.0
37.5°	146.1	110.8	80.8	53.9	31.1	12.2	0.0
35°	153.1	116.4	84.9	56.4	32.5	12.6	0.0
32.5°	159.9	122.0	88.7	58.8	33.9	13.0	0.0
30°	166.8	127.1	92.3	61.0	35.2	13.3	0.0
27.5°	173.2	131.8	95.4	63.0	36.4	13.7	0.0
25°	179.1	136.1	98.2	64.7	37.5	14.0	0.0
22.5°	184.5	140.0	100.7	66.3	38.6	14.2	0.0
20°	189.4	143.2	103.0	67.7	39.5	14.5	0.0
17.5°	193.7	146.0	105.0	68.9	40.4	14.7	0.0
15°	197.5	148.5	106.6	69.9	41.2	14.9	0.0
12.5°	200.8	150.5	108.0	70.7	41.8	15.0	0.0
10°	203.5	152.1	109.1	71.3	42.4	15.2	0.0
7.5°	205.6	153.3	110.0	71.8	42.9	15.3	0.0
5°	207.2	154.1	110.5	72.0	43.3	15.3	0.0
2.5°	208.1	154.5	110.7	72.1	43.5	15.4	0.0
0°	208.4	154.4	110.6	72.0	43.7	15.4	0.0
-2.5°	208.1	154.5	110.7	72.1	43.5	15.4	0.0
-5°	207.2	154.1	110.5	72.0	43.3	15.3	0.0
-7.5°	205.6	153.3	110.0	71.8	42.9	15.3	0.0
-10°	203.5	152.1	109.1	71.3	42.4	15.2	0.0
-12.5°	200.8	150.5	108.0	70.7	41.8	15.0	0.0
-15°	197.5	148.5	106.6	69.9	41.2	14.9	0.0
-17.5°	193.7	146.0	105.0	68.9	40.4	14.7	0.0
-20°	189.4	143.2	103.0	67.7	39.5	14.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	184.5	140.0	100.7	66.3	38.6	14.2	0.0
-25°	179.1	136.1	98.2	64.7	37.5	14.0	0.0
-27.5°	173.2	131.8	95.4	63.0	36.4	13.7	0.0
-30°	166.8	127.1	92.3	61.0	35.2	13.3	0.0
-32.5°	159.9	122.0	88.7	58.8	33.9	13.0	0.0
-35°	153.1	116.4	84.9	56.4	32.5	12.6	0.0
-37.5°	146.1	110.8	80.8	53.9	31.1	12.2	0.0
-40°	138.5	105.3	76.4	51.1	29.6	11.8	0.0
-42.5°	130.4	99.7	72.3	48.2	28.0	11.4	0.0
-45°	121.9	93.7	68.3	45.2	26.4	10.9	0.0
-47.5°	112.9	87.5	64.2	42.1	24.7	10.4	0.0
-50°	104.9	81.1	59.9	39.4	22.9	9.9	0.0
-52.5°	96.9	74.4	55.6	36.8	21.1	9.4	0.0
-55°	88.7	68.7	51.1	34.1	19.2	8.8	0.0
-57.5°	80.2	63.1	46.5	31.3	17.3	8.3	0.0
-60°	71.7	57.4	41.9	28.4	15.4	7.7	0.0
-62.5°	65.0	51.6	37.9	25.4	14.2	7.1	0.0
-65°	58.2	45.8	33.7	22.4	13.0	6.5	0.0
-67.5°	51.3	40.1	29.5	19.2	11.8	5.9	0.0
-70°	44.4	34.6	25.1	16.0	10.5	5.3	0.0
-72.5°	37.5	29.0	20.7	13.9	9.3	4.6	0.0
-75°	30.5	23.2	16.2	11.9	8.0	4.0	0.0
-77.5°	23.4	17.4	13.3	10.0	6.7	3.3	0.0
-80°	16.3	13.3	10.6	8.0	5.3	2.7	0.0
-82.5°	11.9	10.0	8.0	6.0	4.0	2.0	0.0
-85°	8.0	6.7	5.3	4.0	2.7	1.3	0.0
-87.5°	4.0	3.3	2.7	2.0	1.3	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)