

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: P559249 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-935-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559249 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA6E-935-U-TSB-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, TIGHT SPOT BAFFLE N1
Light Source: (96) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

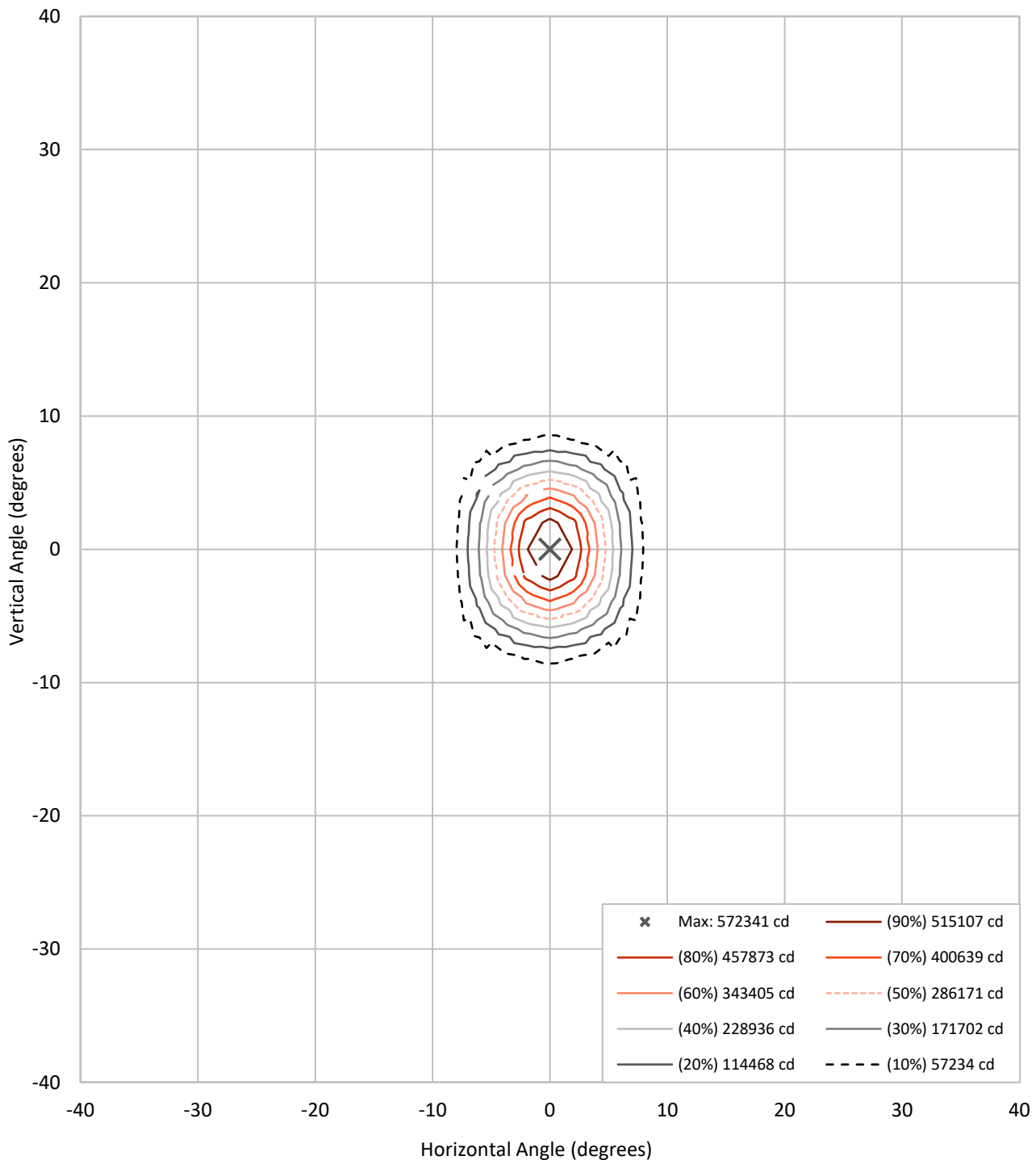
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	22288.2 lumens	Max Intensity:	572341 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	60.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	9553.1 lumens	Field Lumens:	16464.6 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 368
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





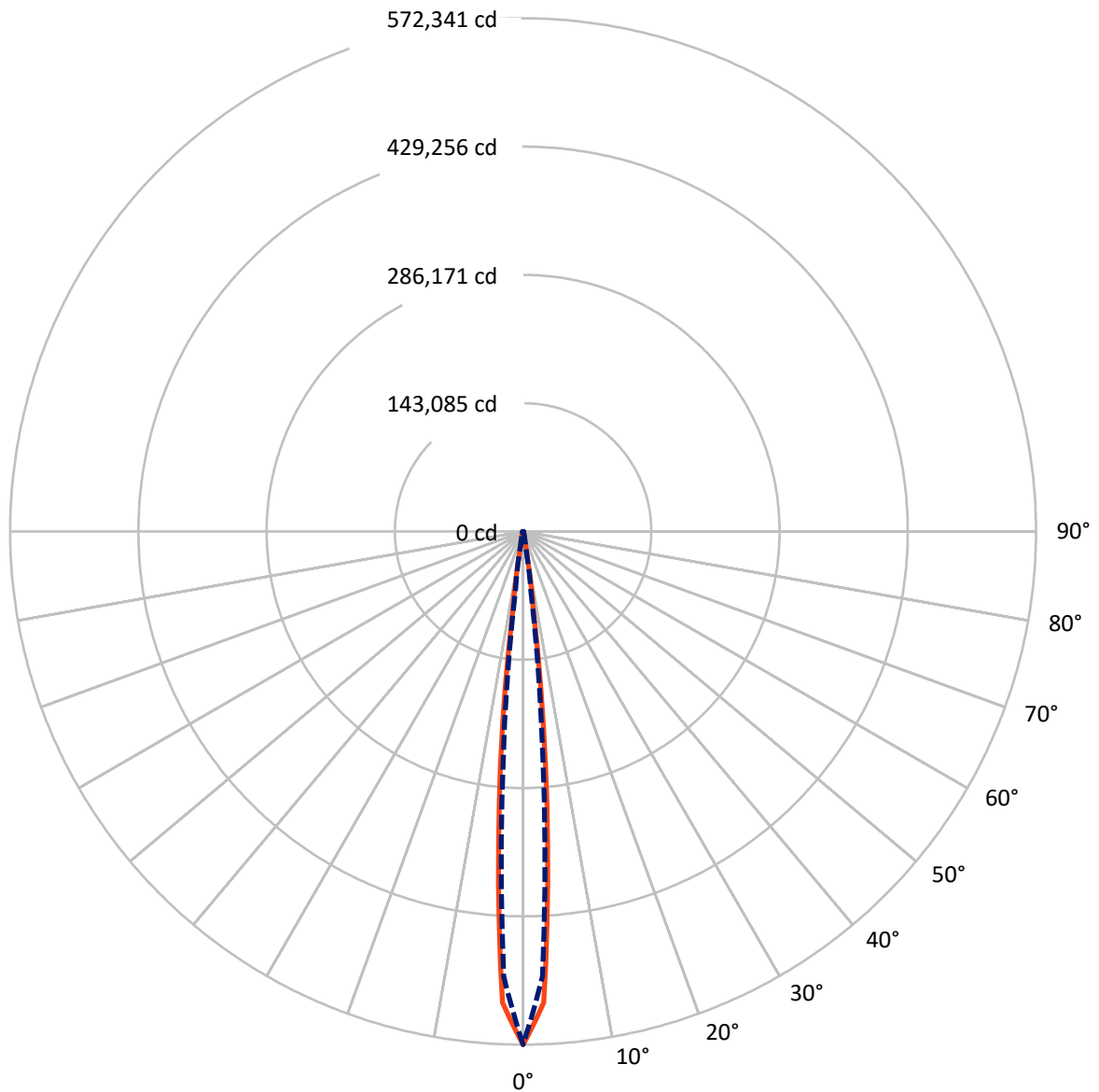
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Lumen Table

90	0.1	0.6		2.3		5.4		9.2		5.4		2.3		0.6		0.1
80	0.1	0.6		2.3		5.4		9.2		5.4		2.3		0.6		0.1
70	0.4	0.4	1.2	2.4	3.8	4.9	7.8	13.8	13.8	7.8	4.9	3.8	2.4	1.2	0.4	0.4
60		0.9	2.2	4.6	7.3	9.9	13.3	18.0	18.0	13.3	9.9	7.3	4.6	2.2	0.9	
50	1.1	1.6	3.5	7.2	12.6	18.9	24.2	29.0	29.0	24.2	18.9	12.6	7.2	3.5	1.6	1.1
40		2.4	5.0	10.9	19.6	26.4	29.9	31.6	31.6	29.9	26.4	19.6	10.9	5.0	2.4	
30	2.2	3.6	6.9	15.3	24.0	28.7	39.1	51.4	51.4	39.1	28.7	24.0	15.3	6.9	3.6	2.2
20		4.9	9.5	19.4	26.6	37.8	76.6	153.1	153.1	76.6	37.8	26.6	19.4	9.5	4.9	
10	2.6	5.5	11.4	21.6	27.6	48.5	151.4	4478.0	4478.0	151.4	48.5	27.6	21.6	11.4	5.5	2.6
0		5.5	11.4	21.6	27.6	48.5	151.4	4478.0	4478.0	151.4	48.5	27.6	21.6	11.4	5.5	
-10	2.2	4.9	9.5	19.4	26.6	37.8	76.6	153.1	153.1	76.6	37.8	26.6	19.4	9.5	4.9	2.2
-20		3.6	6.9	15.3	24.0	28.7	39.1	51.4	51.4	39.1	28.7	24.0	15.3	6.9	3.6	
-30	1.1	2.4	5.0	10.9	19.6	26.4	29.9	31.6	31.6	29.9	26.4	19.6	10.9	5.0	2.4	1.1
-40		1.6	3.5	7.2	12.6	18.9	24.2	29.0	29.0	24.2	18.9	12.6	7.2	3.5	1.6	
-50	0.4	0.9	2.2	4.6	7.3	9.9	13.3	18.0	18.0	13.3	9.9	7.3	4.6	2.2	0.9	0.4
-60		0.4	1.2	2.4	3.8	4.9	7.8	13.8	13.8	7.8	4.9	3.8	2.4	1.2	0.4	
-70	0.1	0.6		2.3		5.4		9.2		5.4		2.3		0.6		0.1
-80		0.6		2.3		5.4		9.2		5.4		2.3		0.6		
-90	0.1	0.6		2.3		5.4		9.2		5.4		2.3		0.6		0.1

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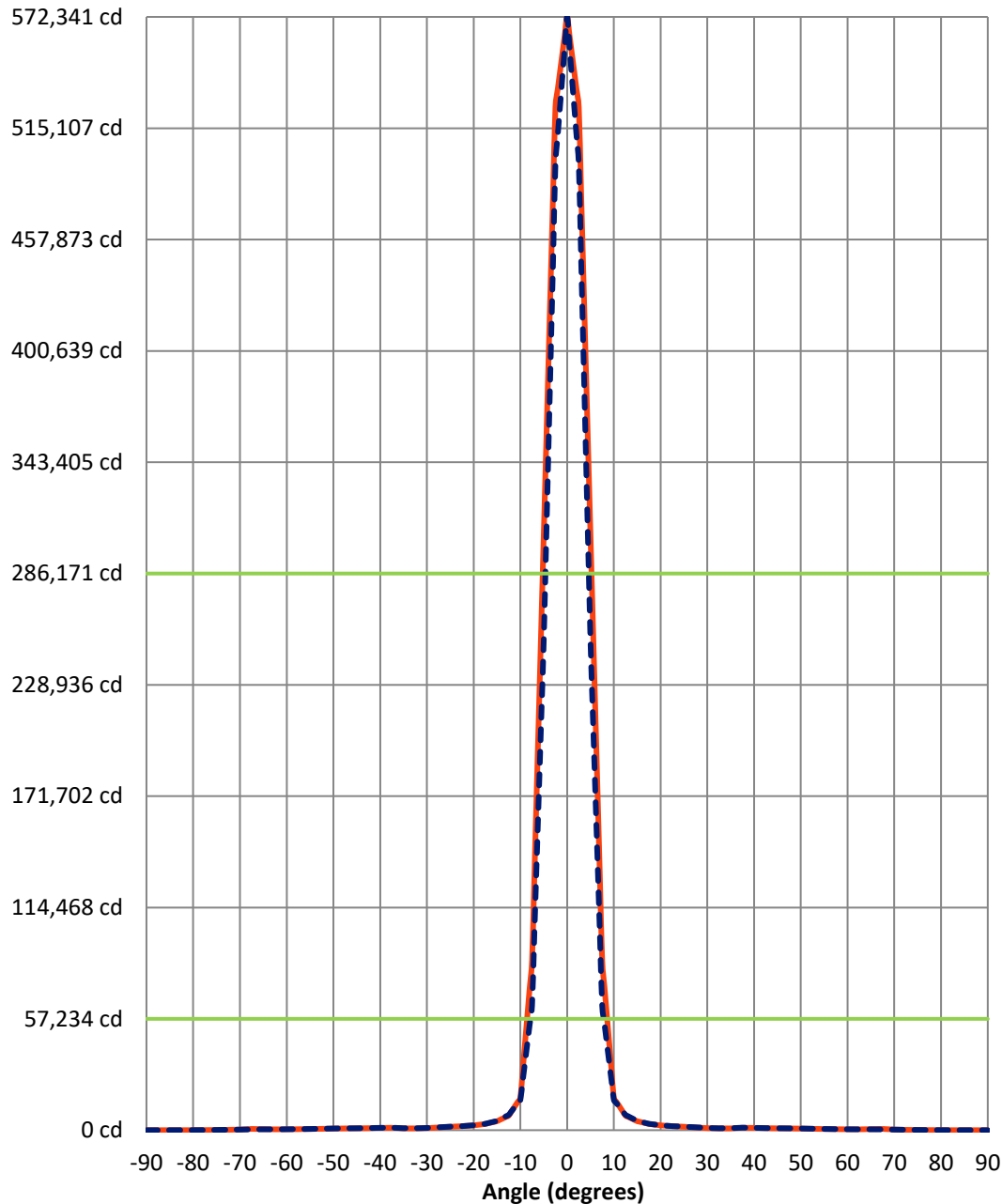
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 9.3°
V Angle: 10.4°
Lumens: 9553.1
Efficiency: 42.9%

Field:
H Angle: 15.7°
V Angle: 17.1°
Lumens: 16464.6
Efficiency: 73.9%

Spill:
Lumens: 5823.5
Efficiency: 26.1%

— 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	0.3	0.6	0.8	1.1	1.4	1.7	2.0	2.2	2.5	2.7
85°	0.0	0.6	1.1	1.7	2.3	2.8	3.4	3.9	4.4	5.0	5.5
82.5°	0.0	0.8	1.7	2.5	3.4	4.2	5.0	5.8	6.5	6.5	6.5
80°	0.0	1.1	2.3	3.4	4.5	5.6	6.5	6.5	6.5	6.5	6.5
77.5°	0.0	1.4	2.8	4.2	5.6	6.5	6.5	6.5	6.5	6.5	7.2
75°	0.0	1.7	3.4	5.0	6.5	6.5	6.5	6.5	6.8	8.6	10.0
72.5°	0.0	2.0	3.9	5.8	6.5	6.5	6.5	7.2	9.5	11.4	12.8
70°	0.0	2.2	4.4	6.5	6.5	6.5	6.8	9.9	12.4	14.3	17.8
67.5°	0.0	2.5	5.0	6.5	6.5	6.5	9.3	12.5	15.2	19.6	23.4
65°	0.0	2.7	5.5	6.5	6.5	7.6	11.7	15.2	20.2	24.9	29.8
62.5°	0.0	3.0	6.0	6.5	6.5	9.7	14.2	19.2	25.1	30.8	38.3
60°	0.0	3.2	6.5	6.5	6.5	11.9	16.7	23.6	30.0	38.9	46.9
57.5°	0.0	3.5	6.5	6.5	8.2	14.0	20.8	28.2	37.1	47.2	56.8
55°	0.0	3.7	6.6	6.5	9.9	16.1	25.3	33.0	44.7	55.8	67.3
52.5°	0.0	4.0	6.6	6.5	11.6	18.6	29.9	40.3	52.3	65.9	78.1
50°	0.0	4.2	6.7	6.5	13.3	22.6	34.6	48.1	60.4	76.1	91.2
47.5°	0.0	4.4	6.8	6.8	15.0	26.8	39.7	56.2	69.8	86.5	104.9
45°	0.0	4.6	6.9	8.0	16.6	30.9	47.0	64.6	80.9	99.4	119.1
42.5°	0.0	4.8	7.0	9.2	18.2	35.0	54.4	74.1	92.6	112.7	135.9
40°	0.0	5.0	7.1	10.4	20.6	39.2	61.9	84.6	105.4	126.5	153.7
37.5°	0.0	5.2	7.3	11.5	23.8	43.3	69.4	95.3	119.9	144.0	172.1
35°	0.0	5.3	7.4	12.5	26.9	48.7	77.0	106.2	134.7	164.1	189.9
32.5°	0.0	5.5	7.5	13.3	30.0	54.6	85.1	117.2	149.6	185.0	212.3
30°	0.0	5.6	7.7	14.1	32.9	60.5	93.9	128.7	164.5	206.7	237.5
27.5°	0.0	5.8	7.9	14.8	34.9	66.2	102.7	141.0	180.7	228.9	265.3
25°	0.0	5.9	8.0	15.3	36.3	71.8	111.4	153.1	199.0	252.0	295.2
22.5°	0.0	6.0	8.2	15.8	37.5	76.2	119.9	165.1	217.2	276.4	320.6
20°	0.0	6.1	8.4	16.2	38.4	77.8	128.1	176.7	235.3	301.9	345.6
17.5°	0.0	6.2	8.6	16.4	38.9	78.8	132.5	188.0	253.2	328.0	370.2
15°	0.0	6.3	8.8	16.6	39.2	79.3	134.0	196.1	270.6	354.4	394.2
12.5°	0.0	6.3	9.0	16.7	39.2	79.2	135.0	200.3	281.9	380.8	417.8
10°	0.0	6.4	9.1	16.8	39.0	78.6	135.3	204.0	287.6	390.9	434.5
7.5°	0.0	6.4	9.3	16.7	38.5	77.5	135.0	207.1	291.9	397.0	437.4
5°	0.0	6.5	9.5	16.6	37.8	75.9	134.1	209.5	294.7	401.2	439.8
2.5°	0.0	6.5	9.6	16.5	36.9	73.9	132.5	211.1	296.2	403.4	441.7
0°	0.0	6.5	9.8	16.3	35.8	71.6	130.2	211.6	296.3	403.7	442.8
-2.5°	0.0	6.5	9.6	16.5	36.9	73.9	132.5	211.1	296.2	403.4	441.7
-5°	0.0	6.5	9.5	16.6	37.8	75.9	134.1	209.5	294.7	401.2	439.8
-7.5°	0.0	6.4	9.3	16.7	38.5	77.5	135.0	207.1	291.9	397.0	437.4
-10°	0.0	6.4	9.1	16.8	39.0	78.6	135.3	204.0	287.6	390.9	434.5
-12.5°	0.0	6.3	9.0	16.7	39.2	79.2	135.0	200.3	281.9	380.8	417.8
-15°	0.0	6.3	8.8	16.6	39.2	79.3	134.0	196.1	270.6	354.4	394.2
-17.5°	0.0	6.2	8.6	16.4	38.9	78.8	132.5	188.0	253.2	328.0	370.2
-20°	0.0	6.1	8.4	16.2	38.4	77.8	128.1	176.7	235.3	301.9	345.6



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 CATALOG NUMBER: GFLD-SA6E-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	6.0	8.2	15.8	37.5	76.2	119.9	165.1	217.2	276.4	320.6
-25°	0.0	5.9	8.0	15.3	36.3	71.8	111.4	153.1	199.0	252.0	295.2
-27.5°	0.0	5.8	7.9	14.8	34.9	66.2	102.7	141.0	180.7	228.9	265.3
-30°	0.0	5.6	7.7	14.1	32.9	60.5	93.9	128.7	164.5	206.7	237.5
-32.5°	0.0	5.5	7.5	13.3	30.0	54.6	85.1	117.2	149.6	185.0	212.3
-35°	0.0	5.3	7.4	12.5	26.9	48.7	77.0	106.2	134.7	164.1	189.9
-37.5°	0.0	5.2	7.3	11.5	23.8	43.3	69.4	95.3	119.9	144.0	172.1
-40°	0.0	5.0	7.1	10.4	20.6	39.2	61.9	84.6	105.4	126.5	153.7
-42.5°	0.0	4.8	7.0	9.2	18.2	35.0	54.4	74.1	92.6	112.7	135.9
-45°	0.0	4.6	6.9	8.0	16.6	30.9	47.0	64.6	80.9	99.4	119.1
-47.5°	0.0	4.4	6.8	6.8	15.0	26.8	39.7	56.2	69.8	86.5	104.9
-50°	0.0	4.2	6.7	6.5	13.3	22.6	34.6	48.1	60.4	76.1	91.2
-52.5°	0.0	4.0	6.6	6.5	11.6	18.6	29.9	40.3	52.3	65.9	78.1
-55°	0.0	3.7	6.6	6.5	9.9	16.1	25.3	33.0	44.7	55.8	67.3
-57.5°	0.0	3.5	6.5	6.5	8.2	14.0	20.8	28.2	37.1	47.2	56.8
-60°	0.0	3.2	6.5	6.5	6.5	11.9	16.7	23.6	30.0	38.9	46.9
-62.5°	0.0	3.0	6.0	6.5	6.5	9.7	14.2	19.2	25.1	30.8	38.3
-65°	0.0	2.7	5.5	6.5	6.5	7.6	11.7	15.2	20.2	24.9	29.8
-67.5°	0.0	2.5	5.0	6.5	6.5	6.5	9.3	12.5	15.2	19.6	23.4
-70°	0.0	2.2	4.4	6.5	6.5	6.5	6.8	9.9	12.4	14.3	17.8
-72.5°	0.0	2.0	3.9	5.8	6.5	6.5	6.5	7.2	9.5	11.4	12.8
-75°	0.0	1.7	3.4	5.0	6.5	6.5	6.5	6.5	6.8	8.6	10.0
-77.5°	0.0	1.4	2.8	4.2	5.6	6.5	6.5	6.5	6.5	6.5	7.2
-80°	0.0	1.1	2.3	3.4	4.5	5.6	6.5	6.5	6.5	6.5	6.5
-82.5°	0.0	0.8	1.7	2.5	3.4	4.2	5.0	5.8	6.5	6.5	6.5
-85°	0.0	0.6	1.1	1.7	2.3	2.8	3.4	3.9	4.4	5.0	5.5
-87.5°	0.0	0.3	0.6	0.8	1.1	1.4	1.7	2.0	2.2	2.5	2.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	2.6	2.5	2.2	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6
85°	5.3	4.9	4.3	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.2
82.5°	6.0	5.7	5.6	5.6	5.9	6.3	6.7	7.3	7.9	8.4	9.0
80°	6.4	6.5	7.4	8.4	9.3	10.2	11.0	11.8	12.6	13.8	15.6
77.5°	8.4	9.7	10.9	12.0	13.4	16.0	18.1	19.9	22.2	24.8	27.6
75°	11.3	12.8	16.0	19.6	22.9	25.4	27.8	31.3	35.6	40.4	45.0
72.5°	15.6	19.5	23.8	28.4	33.9	38.5	43.0	47.2	54.2	61.9	67.6
70°	21.5	26.3	33.0	40.5	47.4	53.5	62.4	73.0	83.8	89.2	92.4
67.5°	27.6	35.5	43.7	52.6	62.3	72.5	84.7	96.2	107.2	111.6	115.6
65°	36.0	44.8	54.9	65.8	77.0	89.2	101.8	114.6	126.1	131.9	138.5
62.5°	44.4	54.9	66.6	78.8	91.2	104.4	119.7	132.6	142.4	154.1	167.8
60°	54.5	65.0	78.3	91.8	106.2	124.5	139.9	154.1	167.4	180.7	201.3
57.5°	65.2	75.4	90.1	106.1	125.7	146.7	164.1	179.6	197.8	216.9	237.7
55°	76.9	86.0	102.6	122.4	144.9	169.9	190.3	211.5	232.5	249.5	268.0
52.5°	90.2	98.6	116.0	138.7	164.9	192.9	220.0	242.1	261.7	280.3	301.4
50°	104.2	114.8	128.9	156.2	185.4	217.1	247.8	270.1	292.2	314.2	337.8
47.5°	120.5	132.2	144.1	173.6	206.6	239.1	271.0	299.3	323.9	353.2	380.3
45°	138.2	152.0	164.8	192.1	226.1	259.1	294.5	328.6	363.2	397.8	441.1
42.5°	156.9	172.1	188.3	209.5	243.4	280.0	317.9	363.4	407.2	455.4	511.7
40°	175.1	191.9	211.3	230.4	260.5	301.3	347.5	398.6	460.3	522.7	590.8
37.5°	192.9	212.3	233.1	252.9	279.5	325.4	376.4	441.5	515.9	594.7	681.4
35°	210.3	231.8	253.0	276.4	306.3	350.8	413.7	487.5	576.8	676.4	755.7
32.5°	227.4	250.4	272.0	300.3	337.0	382.6	449.7	542.6	645.6	746.6	799.6
30°	248.8	267.2	290.8	322.7	367.1	425.2	497.9	598.2	715.2	784.2	833.5
27.5°	277.3	283.9	310.6	347.9	397.9	467.0	557.5	661.6	758.4	818.9	863.1
25°	305.4	312.3	329.1	373.2	435.0	516.5	618.1	736.8	794.3	845.4	896.5
22.5°	332.2	339.4	360.7	397.2	470.9	566.9	685.0	788.8	843.6	876.1	931.6
20°	357.5	368.7	394.8	437.0	507.7	614.6	749.8	837.1	889.2	928.3	979.4
17.5°	381.8	397.2	429.3	480.6	559.4	668.1	808.8	885.1	936.0	973.8	1037.1
15°	405.3	425.1	462.5	521.4	607.7	725.4	848.1	924.6	979.3	1016.5	1090.5
12.5°	428.1	452.2	494.2	559.3	651.2	775.5	881.5	950.0	1004.7	1061.5	1137.9
10°	450.2	478.6	524.4	594.4	690.1	818.6	909.4	970.5	1025.1	1097.4	1177.1
7.5°	453.6	491.8	549.1	626.8	724.6	855.2	932.4	986.5	1045.8	1130.3	1212.6
5°	453.7	490.7	551.0	635.2	740.9	876.6	948.5	998.6	1065.7	1159.6	1244.2
2.5°	453.3	488.4	551.5	638.0	745.1	878.8	950.8	1001.7	1077.1	1188.3	1273.3
0°	452.6	485.1	550.3	638.2	745.6	875.8	950.7	1002.8	1084.2	1214.5	1299.1
-2.5°	453.3	488.4	551.5	638.0	745.1	878.8	950.8	1001.7	1077.1	1188.3	1273.3
-5°	453.7	490.7	551.0	635.2	740.9	876.6	948.5	998.6	1065.7	1159.6	1244.2
-7.5°	453.6	491.8	549.1	626.8	724.6	855.2	932.4	986.5	1045.8	1130.3	1212.6
-10°	450.2	478.6	524.4	594.4	690.1	818.6	909.4	970.5	1025.1	1097.4	1177.1
-12.5°	428.1	452.2	494.2	559.3	651.2	775.5	881.5	950.0	1004.7	1061.5	1137.9
-15°	405.3	425.1	462.5	521.4	607.7	725.4	848.1	924.6	979.3	1016.5	1090.5
-17.5°	381.8	397.2	429.3	480.6	559.4	668.1	808.8	885.1	936.0	973.8	1037.1
-20°	357.5	368.7	394.8	437.0	507.7	614.6	749.8	837.1	889.2	928.3	979.4



REPORT NUMBER: P559249 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	332.2	339.4	360.7	397.2	470.9	566.9	685.0	788.8	843.6	876.1	931.6
-25°	305.4	312.3	329.1	373.2	435.0	516.5	618.1	736.8	794.3	845.4	896.5
-27.5°	277.3	283.9	310.6	347.9	397.9	467.0	557.5	661.6	758.4	818.9	863.1
-30°	248.8	267.2	290.8	322.7	367.1	425.2	497.9	598.2	715.2	784.2	833.5
-32.5°	227.4	250.4	272.0	300.3	337.0	382.6	449.7	542.6	645.6	746.6	799.6
-35°	210.3	231.8	253.0	276.4	306.3	350.8	413.7	487.5	576.8	676.4	755.7
-37.5°	192.9	212.3	233.1	252.9	279.5	325.4	376.4	441.5	515.9	594.7	681.4
-40°	175.1	191.9	211.3	230.4	260.5	301.3	347.5	398.6	460.3	522.7	590.8
-42.5°	156.9	172.1	188.3	209.5	243.4	280.0	317.9	363.4	407.2	455.4	511.7
-45°	138.2	152.0	164.8	192.1	226.1	259.1	294.5	328.6	363.2	397.8	441.1
-47.5°	120.5	132.2	144.1	173.6	206.6	239.1	271.0	299.3	323.9	353.2	380.3
-50°	104.2	114.8	128.9	156.2	185.4	217.1	247.8	270.1	292.2	314.2	337.8
-52.5°	90.2	98.6	116.0	138.7	164.9	192.9	220.0	242.1	261.7	280.3	301.4
-55°	76.9	86.0	102.6	122.4	144.9	169.9	190.3	211.5	232.5	249.5	268.0
-57.5°	65.2	75.4	90.1	106.1	125.7	146.7	164.1	179.6	197.8	216.9	237.7
-60°	54.5	65.0	78.3	91.8	106.2	124.5	139.9	154.1	167.4	180.7	201.3
-62.5°	44.4	54.9	66.6	78.8	91.2	104.4	119.7	132.6	142.4	154.1	167.8
-65°	36.0	44.8	54.9	65.8	77.0	89.2	101.8	114.6	126.1	131.9	138.5
-67.5°	27.6	35.5	43.7	52.6	62.3	72.5	84.7	96.2	107.2	111.6	115.6
-70°	21.5	26.3	33.0	40.5	47.4	53.5	62.4	73.0	83.8	89.2	92.4
-72.5°	15.6	19.5	23.8	28.4	33.9	38.5	43.0	47.2	54.2	61.9	67.6
-75°	11.3	12.8	16.0	19.6	22.9	25.4	27.8	31.3	35.6	40.4	45.0
-77.5°	8.4	9.7	10.9	12.0	13.4	16.0	18.1	19.9	22.2	24.8	27.6
-80°	6.4	6.5	7.4	8.4	9.3	10.2	11.0	11.8	12.6	13.8	15.6
-82.5°	6.0	5.7	5.6	5.6	5.9	6.3	6.7	7.3	7.9	8.4	9.0
-85°	5.3	4.9	4.3	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.2
-87.5°	2.6	2.5	2.2	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559249 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-TSB-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°	2.7	2.8	2.9	2.9	3.0	3.0	3.1	3.1	3.2	3.2	3.2
85°	5.3	5.5	5.6	5.8	5.9	6.0	6.1	6.2	6.3	6.3	6.4
82.5°	9.5	9.9	10.4	10.8	11.2	11.5	11.8	12.1	12.3	12.5	12.7
80°	17.4	18.8	19.8	20.6	21.2	23.5	26.3	29.3	32.5	33.6	34.4
77.5°	31.0	33.3	34.7	35.8	36.6	41.6	48.2	55.0	62.0	65.7	68.7
75°	49.4	52.2	53.9	55.1	55.9	63.7	75.3	87.4	99.9	106.5	111.2
72.5°	71.5	73.7	75.5	77.0	78.0	89.5	110.4	133.0	157.1	171.8	182.6
70°	95.2	97.8	99.9	101.6	103.0	116.8	147.0	178.7	211.4	244.1	279.0
67.5°	120.4	125.8	128.7	130.3	132.0	143.7	176.0	205.7	233.3	292.5	385.7
65°	147.9	160.5	165.6	168.6	169.7	175.1	202.7	227.5	249.9	296.0	367.1
62.5°	182.9	199.4	207.1	210.4	212.4	212.8	235.3	256.1	275.2	304.0	349.2
60°	220.6	238.5	247.8	250.4	252.1	252.8	270.7	291.3	310.4	333.9	376.1
57.5°	255.2	271.9	285.8	291.3	295.6	298.6	314.4	338.6	361.3	384.8	430.1
55°	288.1	308.4	327.7	338.3	348.3	357.1	372.7	403.2	432.4	459.8	506.9
52.5°	324.1	350.1	375.8	395.1	414.0	430.6	447.3	486.9	525.7	562.4	608.2
50°	367.0	399.1	436.6	468.2	495.3	522.0	546.0	592.8	645.4	695.5	743.5
47.5°	421.4	463.8	511.7	556.7	593.5	634.9	672.4	720.6	767.1	813.6	853.4
45°	488.2	546.9	602.1	661.8	714.3	741.7	763.5	793.5	841.3	886.9	924.1
42.5°	573.6	641.9	710.0	754.3	788.1	810.3	826.1	841.9	892.1	936.2	972.1
40°	668.7	737.2	779.1	815.6	839.0	858.8	883.6	908.0	947.4	992.6	1032.6
37.5°	751.0	795.0	831.9	860.5	888.8	915.1	950.9	986.1	1023.6	1074.2	1111.3
35°	801.8	840.4	877.9	913.7	949.9	990.4	1035.1	1086.9	1132.7	1091.0	1030.7
32.5°	840.5	880.1	925.4	980.7	1030.6	1085.9	1141.9	1051.9	959.6	923.6	930.9
30°	874.1	920.2	982.6	1054.8	1124.1	1099.3	976.3	933.3	946.0	971.3	1020.0
27.5°	910.3	967.7	1043.5	1132.4	1077.8	941.7	948.9	973.8	1058.1	1129.7	1238.3
25°	953.0	1022.3	1116.4	1075.3	950.5	963.5	1026.6	1121.8	1282.3	1432.2	1563.2
22.5°	1004.4	1092.7	1105.2	950.6	967.6	1050.1	1178.2	1384.3	1579.5	1760.5	1895.6
20°	1056.7	1158.6	1001.9	969.3	1041.7	1189.1	1426.8	1663.5	1881.3	2043.3	2178.5
17.5°	1119.3	1083.3	972.5	1007.3	1153.9	1408.3	1675.9	1926.8	2132.2	2412.2	2650.5
15°	1174.1	1010.9	990.3	1105.0	1325.5	1611.8	1902.5	2128.0	2499.1	2900.3	3306.0
12.5°	1142.7	985.2	1022.2	1192.0	1481.9	1791.3	2048.4	2405.2	2896.2	3482.2	4362.7
10°	1096.1	999.7	1090.1	1312.3	1615.7	1917.2	2184.3	2651.9	3299.9	4376.1	5762.6
7.5°	1060.1	1005.9	1135.0	1404.7	1715.2	1993.1	2349.2	2916.3	3819.6	5296.0	8248.0
5°	1032.8	1005.7	1155.6	1458.2	1774.3	2045.6	2451.0	3108.6	4328.7	6432.3	11476.7
2.5°	1020.8	1000.4	1161.3	1487.0	1803.1	2074.9	2514.3	3246.8	4650.1	7488.0	15091.3
0°	1028.9	989.8	1159.1	1497.7	1820.1	2070.8	2523.3	3288.5	4747.2	7877.8	15576.4
-2.5°	1020.8	1000.4	1161.3	1487.0	1803.1	2074.9	2514.3	3246.8	4650.1	7488.0	15091.3
-5°	1032.8	1005.7	1155.6	1458.2	1774.3	2045.6	2451.0	3108.6	4328.7	6432.3	11476.7
-7.5°	1060.1	1005.9	1135.0	1404.7	1715.2	1993.1	2349.2	2916.3	3819.6	5296.0	8248.0
-10°	1096.1	999.7	1090.1	1312.3	1615.7	1917.2	2184.3	2651.9	3299.9	4376.1	5762.6
-12.5°	1142.7	985.2	1022.2	1192.0	1481.9	1791.3	2048.4	2405.2	2896.2	3482.2	4362.7
-15°	1174.1	1010.9	990.3	1105.0	1325.5	1611.8	1902.5	2128.0	2499.1	2900.3	3306.0
-17.5°	1119.3	1083.3	972.5	1007.3	1153.9	1408.3	1675.9	1926.8	2132.2	2412.2	2650.5
-20°	1056.7	1158.6	1001.9	969.3	1041.7	1189.1	1426.8	1663.5	1881.3	2043.3	2178.5



REPORT NUMBER: P559249 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1004.4	1092.7	1105.2	950.6	967.6	1050.1	1178.2	1384.3	1579.5	1760.5	1895.6
-25°	953.0	1022.3	1116.4	1075.3	950.5	963.5	1026.6	1121.8	1282.3	1432.2	1563.2
-27.5°	910.3	967.7	1043.5	1132.4	1077.8	941.7	948.9	973.8	1058.1	1129.7	1238.3
-30°	874.1	920.2	982.6	1054.8	1124.1	1099.3	976.3	933.3	946.0	971.3	1020.0
-32.5°	840.5	880.1	925.4	980.7	1030.6	1085.9	1141.9	1051.9	959.6	923.6	930.9
-35°	801.8	840.4	877.9	913.7	949.9	990.4	1035.1	1086.9	1132.7	1091.0	1030.7
-37.5°	751.0	795.0	831.9	860.5	888.8	915.1	950.9	986.1	1023.6	1074.2	1111.3
-40°	668.7	737.2	779.1	815.6	839.0	858.8	883.6	908.0	947.4	992.6	1032.6
-42.5°	573.6	641.9	710.0	754.3	788.1	810.3	826.1	841.9	892.1	936.2	972.1
-45°	488.2	546.9	602.1	661.8	714.3	741.7	763.5	793.5	841.3	886.9	924.1
-47.5°	421.4	463.8	511.7	556.7	593.5	634.9	672.4	720.6	767.1	813.6	853.4
-50°	367.0	399.1	436.6	468.2	495.3	522.0	546.0	592.8	645.4	695.5	743.5
-52.5°	324.1	350.1	375.8	395.1	414.0	430.6	447.3	486.9	525.7	562.4	608.2
-55°	288.1	308.4	327.7	338.3	348.3	357.1	372.7	403.2	432.4	459.8	506.9
-57.5°	255.2	271.9	285.8	291.3	295.6	298.6	314.4	338.6	361.3	384.8	430.1
-60°	220.6	238.5	247.8	250.4	252.1	252.8	270.7	291.3	310.4	333.9	376.1
-62.5°	182.9	199.4	207.1	210.4	212.4	212.8	235.3	256.1	275.2	304.0	349.2
-65°	147.9	160.5	165.6	168.6	169.7	175.1	202.7	227.5	249.9	296.0	367.1
-67.5°	120.4	125.8	128.7	130.3	132.0	143.7	176.0	205.7	233.3	292.5	385.7
-70°	95.2	97.8	99.9	101.6	103.0	116.8	147.0	178.7	211.4	244.1	279.0
-72.5°	71.5	73.7	75.5	77.0	78.0	89.5	110.4	133.0	157.1	171.8	182.6
-75°	49.4	52.2	53.9	55.1	55.9	63.7	75.3	87.4	99.9	106.5	111.2
-77.5°	31.0	33.3	34.7	35.8	36.6	41.6	48.2	55.0	62.0	65.7	68.7
-80°	17.4	18.8	19.8	20.6	21.2	23.5	26.3	29.3	32.5	33.6	34.4
-82.5°	9.5	9.9	10.4	10.8	11.2	11.5	11.8	12.1	12.3	12.5	12.7
-85°	5.3	5.5	5.6	5.8	5.9	6.0	6.1	6.2	6.3	6.3	6.4
-87.5°	2.7	2.8	2.9	2.9	3.0	3.0	3.1	3.1	3.2	3.2	3.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559249 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-TSB-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°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.1
85°	6.4	6.5	6.5	6.5	6.5	6.5	6.4	6.4	6.3	6.3	6.2
82.5°	12.8	12.9	13.0	13.0	13.0	12.9	12.8	12.7	12.5	12.3	12.1
80°	35.0	35.4	34.1	32.6	34.1	35.4	35.0	34.4	33.6	32.5	29.3
77.5°	71.5	74.1	71.5	68.4	71.5	74.1	71.5	68.7	65.7	62.0	55.0
75°	115.4	119.3	117.1	114.0	117.1	119.3	115.4	111.2	106.5	99.9	87.4
72.5°	192.7	202.2	199.9	195.4	199.9	202.2	192.7	182.6	171.8	157.1	133.0
70°	315.5	352.6	351.1	341.9	351.1	352.6	315.5	279.0	244.1	211.4	178.7
67.5°	486.5	591.5	624.8	641.4	624.8	591.5	486.5	385.7	292.5	233.3	205.7
65°	433.3	496.7	521.8	540.5	521.8	496.7	433.3	367.1	296.0	249.9	227.5
62.5°	389.7	427.3	435.4	436.3	435.4	427.3	389.7	349.2	304.0	275.2	256.1
60°	417.1	457.1	463.0	455.8	463.0	457.1	417.1	376.1	333.9	310.4	291.3
57.5°	473.7	515.5	523.2	514.4	523.2	515.5	473.7	430.1	384.8	361.3	338.6
55°	552.0	594.2	608.3	605.6	608.3	594.2	552.0	506.9	459.8	432.4	403.2
52.5°	651.9	690.9	706.9	706.5	706.9	690.9	651.9	608.2	562.4	525.7	486.9
50°	785.4	820.3	837.6	840.0	837.6	820.3	785.4	743.5	695.5	645.4	592.8
47.5°	881.8	904.7	916.6	918.2	916.6	904.7	881.8	853.4	813.6	767.1	720.6
45°	940.7	953.1	962.4	970.3	962.4	953.1	940.7	924.1	886.9	841.3	793.5
42.5°	996.2	1021.9	1040.9	1045.2	1040.9	1021.9	996.2	972.1	936.2	892.1	841.9
40°	1070.5	1106.0	1139.9	1175.4	1139.9	1106.0	1070.5	1032.6	992.6	947.4	908.0
37.5°	1150.0	1189.4	1222.1	1240.5	1222.1	1189.4	1150.0	1111.3	1074.2	1023.6	986.1
35°	988.2	962.4	947.0	941.0	947.0	962.4	988.2	1030.7	1091.0	1132.7	1086.9
32.5°	935.3	937.2	934.2	927.9	934.2	937.2	935.3	930.9	923.6	959.6	1051.9
30°	1056.1	1073.3	1075.5	1074.5	1075.5	1073.3	1056.1	1020.0	971.3	946.0	933.3
27.5°	1318.6	1362.5	1376.1	1403.3	1376.1	1362.5	1318.6	1238.3	1129.7	1058.1	973.8
25°	1664.5	1730.9	1762.7	1774.5	1762.7	1730.9	1664.5	1563.2	1432.2	1282.3	1121.8
22.5°	1972.0	2022.7	2052.3	2077.3	2052.3	2022.7	1972.0	1895.6	1760.5	1579.5	1384.3
20°	2336.3	2428.9	2471.3	2474.5	2471.3	2428.9	2336.3	2178.5	2043.3	1881.3	1663.5
17.5°	2905.2	3085.4	3175.3	3200.6	3175.3	3085.4	2905.2	2650.5	2412.2	2132.2	1926.8
15°	3802.7	4262.3	4498.7	4610.4	4498.7	4262.3	3802.7	3306.0	2900.3	2499.1	2128.0
12.5°	5266.7	6302.9	7140.7	7456.1	7140.7	6302.9	5266.7	4362.7	3482.2	2896.2	2405.2
10°	8167.5	11261.7	14876.6	16562.9	14876.6	11261.7	8167.5	5762.6	4376.1	3299.9	2651.9
7.5°	15800.8	36686.5	71104.6	87522.8	71104.6	36686.5	15800.8	8248.0	5296.0	3819.6	2916.3
5°	33679.8	145351.3	260306.1	305751.7	260306.1	145351.3	33679.8	11476.7	6432.3	4328.7	3108.6
2.5°	53644.6	238395.2	449813.4	525963.5	449813.4	238395.2	53644.6	15091.3	7488.0	4650.1	3246.8
0°	64094.7	251224.6	496358.9	572341.0	496358.9	251224.6	64094.7	15576.4	7877.8	4747.2	3288.5
-2.5°	53644.6	238395.1	449813.4	525963.5	449813.4	238395.1	53644.6	15091.3	7488.0	4650.1	3246.8
-5°	33679.8	145351.3	260306.1	305751.7	260306.1	145351.3	33679.8	11476.7	6432.3	4328.7	3108.6
-7.5°	15800.8	36686.5	71104.6	87522.8	71104.6	36686.5	15800.8	8248.0	5296.0	3819.6	2916.3
-10°	8167.5	11261.7	14876.6	16562.9	14876.6	11261.7	8167.5	5762.6	4376.1	3299.9	2651.9
-12.5°	5266.7	6302.9	7140.7	7456.1	7140.7	6302.9	5266.7	4362.7	3482.2	2896.2	2405.2
-15°	3802.7	4262.3	4498.7	4610.4	4498.7	4262.3	3802.7	3306.0	2900.3	2499.1	2128.0
-17.5°	2905.2	3085.4	3175.3	3200.6	3175.3	3085.4	2905.2	2650.5	2412.2	2132.2	1926.8
-20°	2336.3	2428.9	2471.3	2474.5	2471.3	2428.9	2336.3	2178.5	2043.3	1881.3	1663.5



REPORT NUMBER: P559249 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1972.0	2022.7	2052.3	2077.3	2052.3	2022.7	1972.0	1895.6	1760.5	1579.5	1384.3
-25°	1664.5	1730.9	1762.7	1774.5	1762.7	1730.9	1664.5	1563.2	1432.2	1282.3	1121.8
-27.5°	1318.6	1362.5	1376.1	1403.3	1376.1	1362.5	1318.6	1238.3	1129.7	1058.1	973.8
-30°	1056.1	1073.3	1075.5	1074.5	1075.5	1073.3	1056.1	1020.0	971.3	946.0	933.3
-32.5°	935.3	937.2	934.2	927.9	934.2	937.2	935.3	930.9	923.6	959.6	1051.9
-35°	988.2	962.4	947.0	941.0	947.0	962.4	988.2	1030.7	1091.0	1132.7	1086.9
-37.5°	1150.0	1189.4	1222.1	1240.5	1222.1	1189.4	1150.0	1111.3	1074.2	1023.6	986.1
-40°	1070.5	1106.0	1139.9	1175.4	1139.9	1106.0	1070.5	1032.6	992.6	947.4	908.0
-42.5°	996.2	1021.9	1040.9	1045.2	1040.9	1021.9	996.2	972.1	936.2	892.1	841.9
-45°	940.7	953.1	962.4	970.3	962.4	953.1	940.7	924.1	886.9	841.3	793.5
-47.5°	881.8	904.7	916.6	918.2	916.6	904.7	881.8	853.4	813.6	767.1	720.6
-50°	785.4	820.3	837.6	840.0	837.6	820.3	785.4	743.5	695.5	645.4	592.8
-52.5°	651.9	690.9	706.9	706.5	706.9	690.9	651.9	608.2	562.4	525.7	486.9
-55°	552.0	594.2	608.3	605.6	608.3	594.2	552.0	506.9	459.8	432.4	403.2
-57.5°	473.7	515.5	523.2	514.4	523.2	515.5	473.7	430.1	384.8	361.3	338.6
-60°	417.1	457.1	463.0	455.8	463.0	457.1	417.1	376.1	333.9	310.4	291.3
-62.5°	389.7	427.3	435.4	436.3	435.4	427.3	389.7	349.2	304.0	275.2	256.1
-65°	433.3	496.7	521.8	540.5	521.8	496.7	433.3	367.1	296.0	249.9	227.5
-67.5°	486.5	591.5	624.8	641.4	624.8	591.5	486.5	385.7	292.5	233.3	205.7
-70°	315.5	352.6	351.1	341.9	351.1	352.6	315.5	279.0	244.1	211.4	178.7
-72.5°	192.7	202.2	199.9	195.4	199.9	202.2	192.7	182.6	171.8	157.1	133.0
-75°	115.4	119.3	117.1	114.0	117.1	119.3	115.4	111.2	106.5	99.9	87.4
-77.5°	71.5	74.1	71.5	68.4	71.5	74.1	71.5	68.7	65.7	62.0	55.0
-80°	35.0	35.4	34.1	32.6	34.1	35.4	35.0	34.4	33.6	32.5	29.3
-82.5°	12.8	12.9	13.0	13.0	13.0	12.9	12.8	12.7	12.5	12.3	12.1
-85°	6.4	6.5	6.5	6.5	6.5	6.5	6.4	6.4	6.3	6.3	6.2
-87.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	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: P559249 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-TSB-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°	3.1	3.0	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.4	2.3
85°	6.1	6.0	5.9	5.8	5.6	5.5	5.3	5.2	5.0	4.8	4.6
82.5°	11.8	11.5	11.2	10.8	10.4	9.9	9.5	9.0	8.4	7.9	7.3
80°	26.3	23.5	21.2	20.6	19.8	18.8	17.4	15.6	13.8	12.6	11.8
77.5°	48.2	41.6	36.6	35.8	34.7	33.3	31.0	27.6	24.8	22.2	19.9
75°	75.3	63.7	55.9	55.1	53.9	52.2	49.4	45.0	40.4	35.6	31.3
72.5°	110.4	89.5	78.0	77.0	75.5	73.7	71.5	67.6	61.9	54.2	47.2
70°	147.0	116.8	103.0	101.6	99.9	97.8	95.2	92.4	89.2	83.8	73.0
67.5°	176.0	143.7	132.0	130.3	128.7	125.8	120.4	115.6	111.6	107.2	96.2
65°	202.7	175.1	169.7	168.6	165.6	160.5	147.9	138.5	131.9	126.1	114.6
62.5°	235.3	212.8	212.4	210.4	207.1	199.4	182.9	167.8	154.1	142.4	132.6
60°	270.7	252.8	252.1	250.4	247.8	238.5	220.6	201.3	180.7	167.4	154.1
57.5°	314.4	298.6	295.6	291.3	285.8	271.9	255.2	237.7	216.9	197.8	179.6
55°	372.7	357.1	348.3	338.3	327.7	308.4	288.1	268.0	249.5	232.5	211.5
52.5°	447.3	430.6	414.0	395.1	375.8	350.1	324.1	301.4	280.3	261.7	242.1
50°	546.0	522.0	495.3	468.2	436.6	399.1	367.0	337.8	314.2	292.2	270.1
47.5°	672.4	634.9	593.5	556.7	511.7	463.8	421.4	380.3	353.2	323.9	299.3
45°	763.5	741.7	714.3	661.8	602.1	546.9	488.2	441.1	397.8	363.2	328.6
42.5°	826.1	810.3	788.1	754.3	710.0	641.9	573.6	511.7	455.4	407.2	363.4
40°	883.6	858.8	839.0	815.6	779.1	737.2	668.7	590.8	522.7	460.3	398.6
37.5°	950.9	915.1	888.8	860.5	831.9	795.0	751.0	681.4	594.7	515.9	441.5
35°	1035.1	990.4	949.9	913.7	877.9	840.4	801.8	755.7	676.4	576.8	487.5
32.5°	1141.9	1085.9	1030.6	980.7	925.4	880.1	840.5	799.6	746.6	645.6	542.6
30°	976.3	1099.3	1124.1	1054.8	982.6	920.2	874.1	833.5	784.2	715.2	598.2
27.5°	948.9	941.7	1077.8	1132.4	1043.5	967.7	910.3	863.1	818.9	758.4	661.6
25°	1026.6	963.5	950.5	1075.3	1116.4	1022.3	953.0	896.5	845.4	794.3	736.8
22.5°	1178.2	1050.1	967.6	950.6	1105.2	1092.7	1004.4	931.6	876.1	843.6	788.8
20°	1426.8	1189.1	1041.7	969.3	1001.9	1158.6	1056.7	979.4	928.3	889.2	837.1
17.5°	1675.9	1408.3	1153.9	1007.3	972.5	1083.3	1119.3	1037.1	973.8	936.0	885.1
15°	1902.5	1611.8	1325.5	1105.0	990.3	1010.9	1174.1	1090.5	1016.5	979.3	924.6
12.5°	2048.4	1791.3	1481.9	1192.0	1022.2	985.2	1142.7	1137.9	1061.5	1004.7	950.0
10°	2184.3	1917.2	1615.7	1312.3	1090.1	999.7	1096.1	1177.1	1097.4	1025.1	970.5
7.5°	2349.2	1993.1	1715.2	1404.7	1135.0	1005.9	1060.1	1212.6	1130.3	1045.8	986.5
5°	2451.0	2045.6	1774.3	1458.2	1155.6	1005.7	1032.8	1244.2	1159.6	1065.7	998.6
2.5°	2514.3	2074.9	1803.1	1487.0	1161.3	1000.4	1020.8	1273.3	1188.3	1077.1	1001.7
0°	2523.3	2070.8	1820.1	1497.7	1159.1	989.8	1028.9	1299.1	1214.5	1084.2	1002.8
-2.5°	2514.3	2074.9	1803.1	1487.0	1161.3	1000.4	1020.8	1273.3	1188.3	1077.1	1001.7
-5°	2451.0	2045.6	1774.3	1458.2	1155.6	1005.7	1032.8	1244.2	1159.6	1065.7	998.6
-7.5°	2349.2	1993.1	1715.2	1404.7	1135.0	1005.9	1060.1	1212.6	1130.3	1045.8	986.5
-10°	2184.3	1917.2	1615.7	1312.3	1090.1	999.7	1096.1	1177.1	1097.4	1025.1	970.5
-12.5°	2048.4	1791.3	1481.9	1192.0	1022.2	985.2	1142.7	1137.9	1061.5	1004.7	950.0
-15°	1902.5	1611.8	1325.5	1105.0	990.3	1010.9	1174.1	1090.5	1016.5	979.3	924.6
-17.5°	1675.9	1408.3	1153.9	1007.3	972.5	1083.3	1119.3	1037.1	973.8	936.0	885.1
-20°	1426.8	1189.1	1041.7	969.3	1001.9	1158.6	1056.7	979.4	928.3	889.2	837.1



REPORT NUMBER: P559249 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1178.2	1050.1	967.6	950.6	1105.2	1092.7	1004.4	931.6	876.1	843.6	788.8
-25°	1026.6	963.5	950.5	1075.3	1116.4	1022.3	953.0	896.5	845.4	794.3	736.8
-27.5°	948.9	941.7	1077.8	1132.4	1043.5	967.7	910.3	863.1	818.9	758.4	661.6
-30°	976.3	1099.3	1124.1	1054.8	982.6	920.2	874.1	833.5	784.2	715.2	598.2
-32.5°	1141.9	1085.9	1030.6	980.7	925.4	880.1	840.5	799.6	746.6	645.6	542.6
-35°	1035.1	990.4	949.9	913.7	877.9	840.4	801.8	755.7	676.4	576.8	487.5
-37.5°	950.9	915.1	888.8	860.5	831.9	795.0	751.0	681.4	594.7	515.9	441.5
-40°	883.6	858.8	839.0	815.6	779.1	737.2	668.7	590.8	522.7	460.3	398.6
-42.5°	826.1	810.3	788.1	754.3	710.0	641.9	573.6	511.7	455.4	407.2	363.4
-45°	763.5	741.7	714.3	661.8	602.1	546.9	488.2	441.1	397.8	363.2	328.6
-47.5°	672.4	634.9	593.5	556.7	511.7	463.8	421.4	380.3	353.2	323.9	299.3
-50°	546.0	522.0	495.3	468.2	436.6	399.1	367.0	337.8	314.2	292.2	270.1
-52.5°	447.3	430.6	414.0	395.1	375.8	350.1	324.1	301.4	280.3	261.7	242.1
-55°	372.7	357.1	348.3	338.3	327.7	308.4	288.1	268.0	249.5	232.5	211.5
-57.5°	314.4	298.6	295.6	291.3	285.8	271.9	255.2	237.7	216.9	197.8	179.6
-60°	270.7	252.8	252.1	250.4	247.8	238.5	220.6	201.3	180.7	167.4	154.1
-62.5°	235.3	212.8	212.4	210.4	207.1	199.4	182.9	167.8	154.1	142.4	132.6
-65°	202.7	175.1	169.7	168.6	165.6	160.5	147.9	138.5	131.9	126.1	114.6
-67.5°	176.0	143.7	132.0	130.3	128.7	125.8	120.4	115.6	111.6	107.2	96.2
-70°	147.0	116.8	103.0	101.6	99.9	97.8	95.2	92.4	89.2	83.8	73.0
-72.5°	110.4	89.5	78.0	77.0	75.5	73.7	71.5	67.6	61.9	54.2	47.2
-75°	75.3	63.7	55.9	55.1	53.9	52.2	49.4	45.0	40.4	35.6	31.3
-77.5°	48.2	41.6	36.6	35.8	34.7	33.3	31.0	27.6	24.8	22.2	19.9
-80°	26.3	23.5	21.2	20.6	19.8	18.8	17.4	15.6	13.8	12.6	11.8
-82.5°	11.8	11.5	11.2	10.8	10.4	9.9	9.5	9.0	8.4	7.9	7.3
-85°	6.1	6.0	5.9	5.8	5.6	5.5	5.3	5.2	5.0	4.8	4.6
-87.5°	3.1	3.0	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.4	2.3
-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: P559249 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-TSB-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°	2.2	2.1	2.0	1.9	2.2	2.5	2.6	2.7	2.5	2.2	2.0
85°	4.4	4.2	4.0	3.8	4.3	4.9	5.3	5.5	5.0	4.4	3.9
82.5°	6.7	6.3	5.9	5.6	5.6	5.7	6.0	6.5	6.5	6.5	5.8
80°	11.0	10.2	9.3	8.4	7.4	6.5	6.4	6.5	6.5	6.5	6.5
77.5°	18.1	16.0	13.4	12.0	10.9	9.7	8.4	7.2	6.5	6.5	6.5
75°	27.8	25.4	22.9	19.6	16.0	12.8	11.3	10.0	8.6	6.8	6.5
72.5°	43.0	38.5	33.9	28.4	23.8	19.5	15.6	12.8	11.4	9.5	7.2
70°	62.4	53.5	47.4	40.5	33.0	26.3	21.5	17.8	14.3	12.4	9.9
67.5°	84.7	72.5	62.3	52.6	43.7	35.5	27.6	23.4	19.6	15.2	12.5
65°	101.8	89.2	77.0	65.8	54.9	44.8	36.0	29.8	24.9	20.2	15.2
62.5°	119.7	104.4	91.2	78.8	66.6	54.9	44.4	38.3	30.8	25.1	19.2
60°	139.9	124.5	106.2	91.8	78.3	65.0	54.5	46.9	38.9	30.0	23.6
57.5°	164.1	146.7	125.7	106.1	90.1	75.4	65.2	56.8	47.2	37.1	28.2
55°	190.3	169.9	144.9	122.4	102.6	86.0	76.9	67.3	55.8	44.7	33.0
52.5°	220.0	192.9	164.9	138.7	116.0	98.6	90.2	78.1	65.9	52.3	40.3
50°	247.8	217.1	185.4	156.2	128.9	114.8	104.2	91.2	76.1	60.4	48.1
47.5°	271.0	239.1	206.6	173.6	144.1	132.2	120.5	104.9	86.5	69.8	56.2
45°	294.5	259.1	226.1	192.1	164.8	152.0	138.2	119.1	99.4	80.9	64.6
42.5°	317.9	280.0	243.4	209.5	188.3	172.1	156.9	135.9	112.7	92.6	74.1
40°	347.5	301.3	260.5	230.4	211.3	191.9	175.1	153.7	126.5	105.4	84.6
37.5°	376.4	325.4	279.5	252.9	233.1	212.3	192.9	172.1	144.0	119.9	95.3
35°	413.7	350.8	306.3	276.4	253.0	231.8	210.3	189.9	164.1	134.7	106.2
32.5°	449.7	382.6	337.0	300.3	272.0	250.4	227.4	212.3	185.0	149.6	117.2
30°	497.9	425.2	367.1	322.7	290.8	267.2	248.8	237.5	206.7	164.5	128.7
27.5°	557.5	467.0	397.9	347.9	310.6	283.9	277.3	265.3	228.9	180.7	141.0
25°	618.1	516.5	435.0	373.2	329.1	312.3	305.4	295.2	252.0	199.0	153.1
22.5°	685.0	566.9	470.9	397.2	360.7	339.4	332.2	320.6	276.4	217.2	165.1
20°	749.8	614.6	507.7	437.0	394.8	368.7	357.5	345.6	301.9	235.3	176.7
17.5°	808.8	668.1	559.4	480.6	429.3	397.2	381.8	370.2	328.0	253.2	188.0
15°	848.1	725.4	607.7	521.4	462.5	425.1	405.3	394.2	354.4	270.6	196.1
12.5°	881.5	775.5	651.2	559.3	494.2	452.2	428.1	417.8	380.8	281.9	200.3
10°	909.4	818.6	690.1	594.4	524.4	478.6	450.2	434.5	390.9	287.6	204.0
7.5°	932.4	855.2	724.6	626.8	549.1	491.8	453.6	437.4	397.0	291.9	207.1
5°	948.5	876.6	740.9	635.2	551.0	490.7	453.7	439.8	401.2	294.7	209.5
2.5°	950.8	878.8	745.1	638.0	551.5	488.4	453.3	441.7	403.4	296.2	211.1
0°	950.7	875.8	745.6	638.2	550.3	485.1	452.6	442.8	403.7	296.3	211.6
-2.5°	950.8	878.8	745.1	638.0	551.5	488.4	453.3	441.7	403.4	296.2	211.1
-5°	948.5	876.6	740.9	635.2	551.0	490.7	453.7	439.8	401.2	294.7	209.5
-7.5°	932.4	855.2	724.6	626.8	549.1	491.8	453.6	437.4	397.0	291.9	207.1
-10°	909.4	818.6	690.1	594.4	524.4	478.6	450.2	434.5	390.9	287.6	204.0
-12.5°	881.5	775.5	651.2	559.3	494.2	452.2	428.1	417.8	380.8	281.9	200.3
-15°	848.1	725.4	607.7	521.4	462.5	425.1	405.3	394.2	354.4	270.6	196.1
-17.5°	808.8	668.1	559.4	480.6	429.3	397.2	381.8	370.2	328.0	253.2	188.0
-20°	749.8	614.6	507.7	437.0	394.8	368.7	357.5	345.6	301.9	235.3	176.7



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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°	685.0	566.9	470.9	397.2	360.7	339.4	332.2	320.6	276.4	217.2	165.1
-25°	618.1	516.5	435.0	373.2	329.1	312.3	305.4	295.2	252.0	199.0	153.1
-27.5°	557.5	467.0	397.9	347.9	310.6	283.9	277.3	265.3	228.9	180.7	141.0
-30°	497.9	425.2	367.1	322.7	290.8	267.2	248.8	237.5	206.7	164.5	128.7
-32.5°	449.7	382.6	337.0	300.3	272.0	250.4	227.4	212.3	185.0	149.6	117.2
-35°	413.7	350.8	306.3	276.4	253.0	231.8	210.3	189.9	164.1	134.7	106.2
-37.5°	376.4	325.4	279.5	252.9	233.1	212.3	192.9	172.1	144.0	119.9	95.3
-40°	347.5	301.3	260.5	230.4	211.3	191.9	175.1	153.7	126.5	105.4	84.6
-42.5°	317.9	280.0	243.4	209.5	188.3	172.1	156.9	135.9	112.7	92.6	74.1
-45°	294.5	259.1	226.1	192.1	164.8	152.0	138.2	119.1	99.4	80.9	64.6
-47.5°	271.0	239.1	206.6	173.6	144.1	132.2	120.5	104.9	86.5	69.8	56.2
-50°	247.8	217.1	185.4	156.2	128.9	114.8	104.2	91.2	76.1	60.4	48.1
-52.5°	220.0	192.9	164.9	138.7	116.0	98.6	90.2	78.1	65.9	52.3	40.3
-55°	190.3	169.9	144.9	122.4	102.6	86.0	76.9	67.3	55.8	44.7	33.0
-57.5°	164.1	146.7	125.7	106.1	90.1	75.4	65.2	56.8	47.2	37.1	28.2
-60°	139.9	124.5	106.2	91.8	78.3	65.0	54.5	46.9	38.9	30.0	23.6
-62.5°	119.7	104.4	91.2	78.8	66.6	54.9	44.4	38.3	30.8	25.1	19.2
-65°	101.8	89.2	77.0	65.8	54.9	44.8	36.0	29.8	24.9	20.2	15.2
-67.5°	84.7	72.5	62.3	52.6	43.7	35.5	27.6	23.4	19.6	15.2	12.5
-70°	62.4	53.5	47.4	40.5	33.0	26.3	21.5	17.8	14.3	12.4	9.9
-72.5°	43.0	38.5	33.9	28.4	23.8	19.5	15.6	12.8	11.4	9.5	7.2
-75°	27.8	25.4	22.9	19.6	16.0	12.8	11.3	10.0	8.6	6.8	6.5
-77.5°	18.1	16.0	13.4	12.0	10.9	9.7	8.4	7.2	6.5	6.5	6.5
-80°	11.0	10.2	9.3	8.4	7.4	6.5	6.4	6.5	6.5	6.5	6.5
-82.5°	6.7	6.3	5.9	5.6	5.6	5.7	6.0	6.5	6.5	6.5	5.8
-85°	4.4	4.2	4.0	3.8	4.3	4.9	5.3	5.5	5.0	4.4	3.9
-87.5°	2.2	2.1	2.0	1.9	2.2	2.5	2.6	2.7	2.5	2.2	2.0
-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°	1.7	1.4	1.1	0.8	0.6	0.3	0.0
85°	3.4	2.8	2.3	1.7	1.1	0.6	0.0
82.5°	5.0	4.2	3.4	2.5	1.7	0.8	0.0
80°	6.5	5.6	4.5	3.4	2.3	1.1	0.0
77.5°	6.5	6.5	5.6	4.2	2.8	1.4	0.0
75°	6.5	6.5	6.5	5.0	3.4	1.7	0.0
72.5°	6.5	6.5	6.5	5.8	3.9	2.0	0.0
70°	6.8	6.5	6.5	6.5	4.4	2.2	0.0
67.5°	9.3	6.5	6.5	6.5	5.0	2.5	0.0
65°	11.7	7.6	6.5	6.5	5.5	2.7	0.0
62.5°	14.2	9.7	6.5	6.5	6.0	3.0	0.0
60°	16.7	11.9	6.5	6.5	6.5	3.2	0.0
57.5°	20.8	14.0	8.2	6.5	6.5	3.5	0.0
55°	25.3	16.1	9.9	6.5	6.6	3.7	0.0
52.5°	29.9	18.6	11.6	6.5	6.6	4.0	0.0
50°	34.6	22.6	13.3	6.5	6.7	4.2	0.0
47.5°	39.7	26.8	15.0	6.8	6.8	4.4	0.0
45°	47.0	30.9	16.6	8.0	6.9	4.6	0.0
42.5°	54.4	35.0	18.2	9.2	7.0	4.8	0.0
40°	61.9	39.2	20.6	10.4	7.1	5.0	0.0
37.5°	69.4	43.3	23.8	11.5	7.3	5.2	0.0
35°	77.0	48.7	26.9	12.5	7.4	5.3	0.0
32.5°	85.1	54.6	30.0	13.3	7.5	5.5	0.0
30°	93.9	60.5	32.9	14.1	7.7	5.6	0.0
27.5°	102.7	66.2	34.9	14.8	7.9	5.8	0.0
25°	111.4	71.8	36.3	15.3	8.0	5.9	0.0
22.5°	119.9	76.2	37.5	15.8	8.2	6.0	0.0
20°	128.1	77.8	38.4	16.2	8.4	6.1	0.0
17.5°	132.5	78.8	38.9	16.4	8.6	6.2	0.0
15°	134.0	79.3	39.2	16.6	8.8	6.3	0.0
12.5°	135.0	79.2	39.2	16.7	9.0	6.3	0.0
10°	135.3	78.6	39.0	16.8	9.1	6.4	0.0
7.5°	135.0	77.5	38.5	16.7	9.3	6.4	0.0
5°	134.1	75.9	37.8	16.6	9.5	6.5	0.0
2.5°	132.5	73.9	36.9	16.5	9.6	6.5	0.0
0°	130.2	71.6	35.8	16.3	9.8	6.5	0.0
-2.5°	132.5	73.9	36.9	16.5	9.6	6.5	0.0
-5°	134.1	75.9	37.8	16.6	9.5	6.5	0.0
-7.5°	135.0	77.5	38.5	16.7	9.3	6.4	0.0
-10°	135.3	78.6	39.0	16.8	9.1	6.4	0.0
-12.5°	135.0	79.2	39.2	16.7	9.0	6.3	0.0
-15°	134.0	79.3	39.2	16.6	8.8	6.3	0.0
-17.5°	132.5	78.8	38.9	16.4	8.6	6.2	0.0
-20°	128.1	77.8	38.4	16.2	8.4	6.1	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	119.9	76.2	37.5	15.8	8.2	6.0	0.0
-25°	111.4	71.8	36.3	15.3	8.0	5.9	0.0
-27.5°	102.7	66.2	34.9	14.8	7.9	5.8	0.0
-30°	93.9	60.5	32.9	14.1	7.7	5.6	0.0
-32.5°	85.1	54.6	30.0	13.3	7.5	5.5	0.0
-35°	77.0	48.7	26.9	12.5	7.4	5.3	0.0
-37.5°	69.4	43.3	23.8	11.5	7.3	5.2	0.0
-40°	61.9	39.2	20.6	10.4	7.1	5.0	0.0
-42.5°	54.4	35.0	18.2	9.2	7.0	4.8	0.0
-45°	47.0	30.9	16.6	8.0	6.9	4.6	0.0
-47.5°	39.7	26.8	15.0	6.8	6.8	4.4	0.0
-50°	34.6	22.6	13.3	6.5	6.7	4.2	0.0
-52.5°	29.9	18.6	11.6	6.5	6.6	4.0	0.0
-55°	25.3	16.1	9.9	6.5	6.6	3.7	0.0
-57.5°	20.8	14.0	8.2	6.5	6.5	3.5	0.0
-60°	16.7	11.9	6.5	6.5	6.5	3.2	0.0
-62.5°	14.2	9.7	6.5	6.5	6.0	3.0	0.0
-65°	11.7	7.6	6.5	6.5	5.5	2.7	0.0
-67.5°	9.3	6.5	6.5	6.5	5.0	2.5	0.0
-70°	6.8	6.5	6.5	6.5	4.4	2.2	0.0
-72.5°	6.5	6.5	6.5	5.8	3.9	2.0	0.0
-75°	6.5	6.5	6.5	5.0	3.4	1.7	0.0
-77.5°	6.5	6.5	5.6	4.2	2.8	1.4	0.0
-80°	6.5	5.6	4.5	3.4	2.3	1.1	0.0
-82.5°	5.0	4.2	3.4	2.5	1.7	0.8	0.0
-85°	3.4	2.8	2.3	1.7	1.1	0.6	0.0
-87.5°	1.7	1.4	1.1	0.8	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)