

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: P558725 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-930-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558725 (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-SA2E-930-U-MWR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (32) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

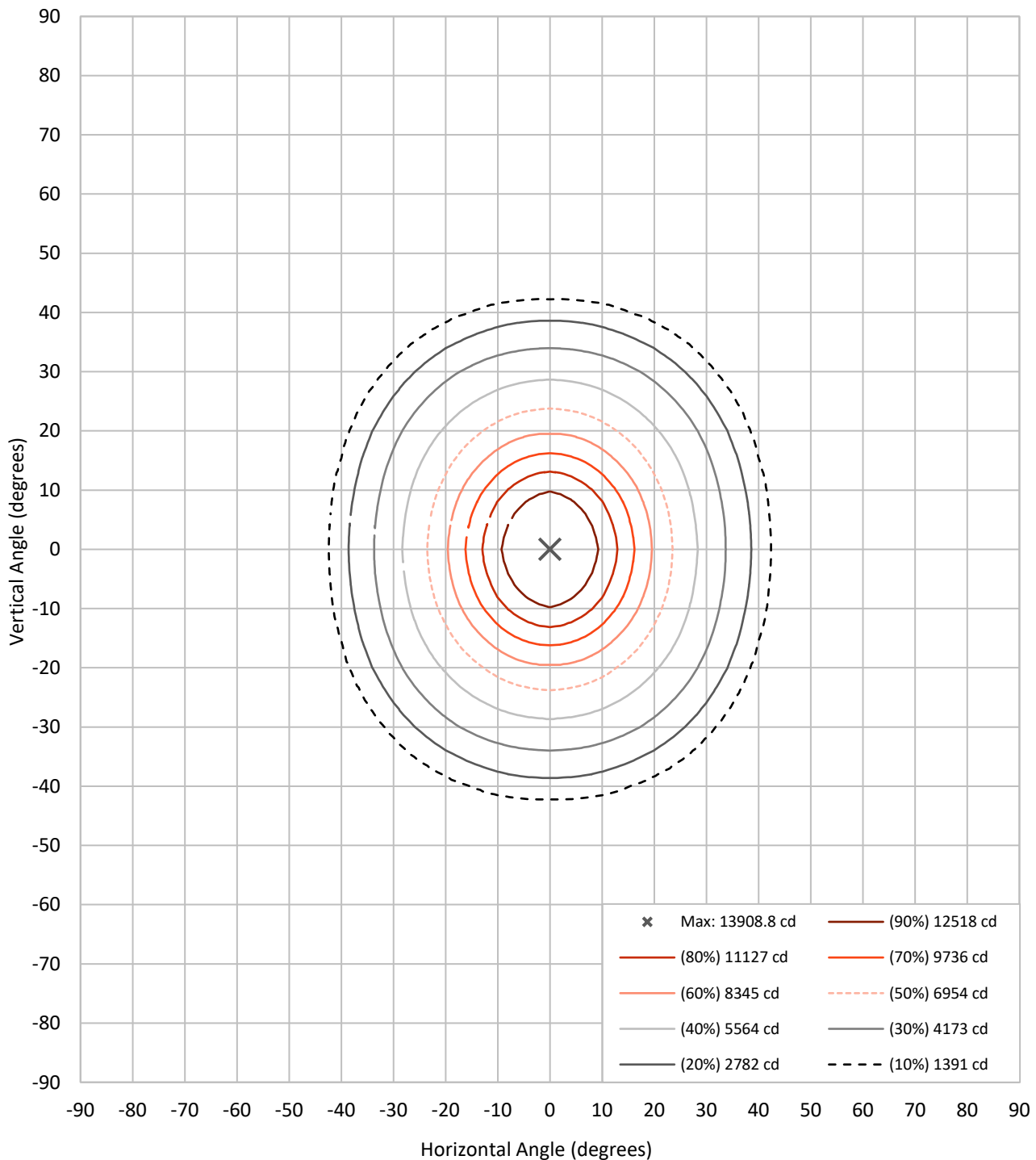
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	10827.2 lumens	Max Intensity:	13908.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	85.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	5109 lumens	Field Lumens:	9831.1 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 127
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



REPORT NUMBER: P558725 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





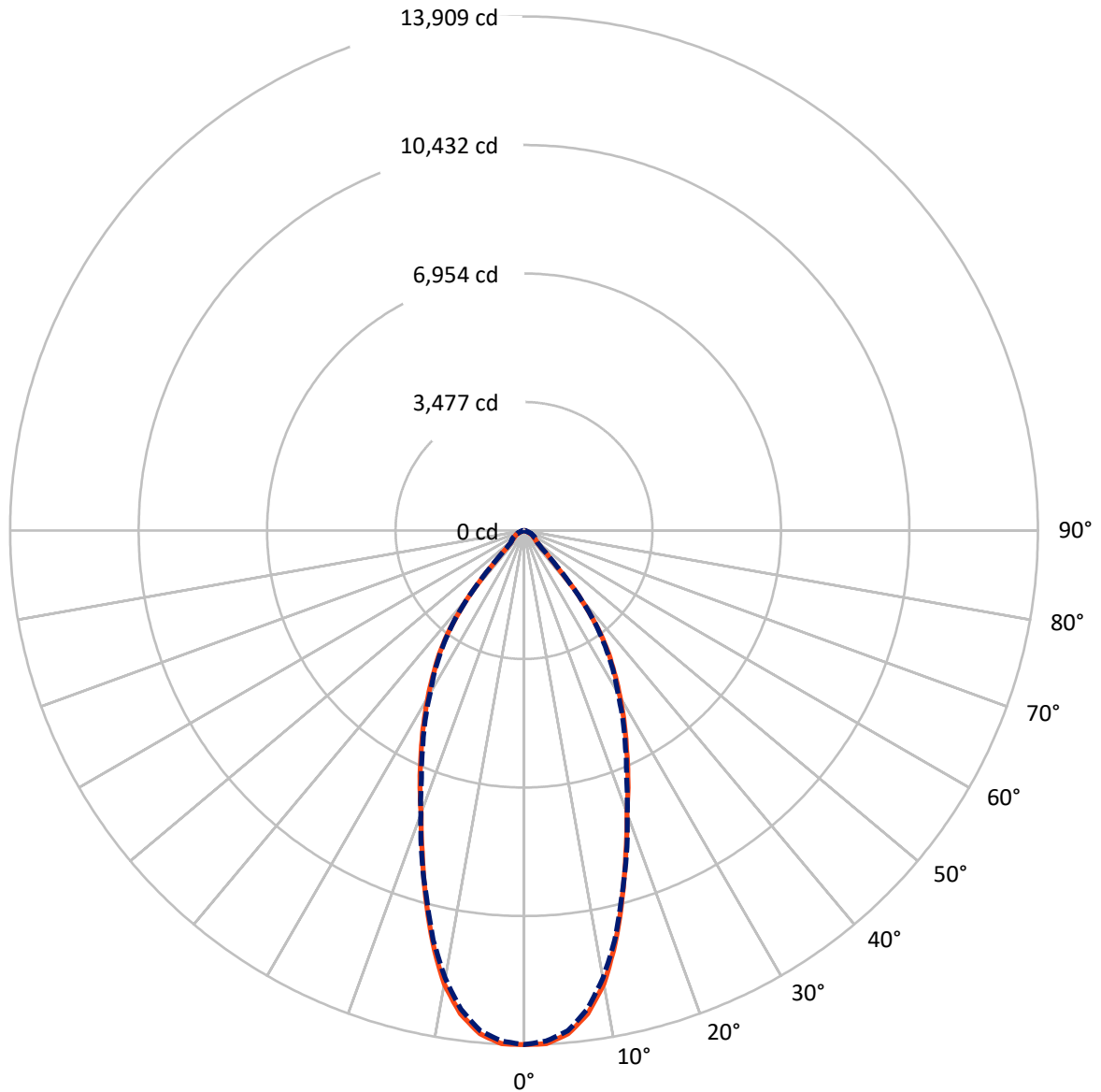
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Lumen Table

90																			
80	0.2	1.3		3.0		4.9		3.8		4.9		3.0		1.3		0.2			
70																			
60	0.8	0.9	1.6	2.5	3.5	4.3	5.0	5.4	5.4	5.0	4.3	3.5	2.5	1.6	0.9	0.8			
50		1.3	2.6	4.3	6.2	7.8	8.9	9.8	9.8	8.9	7.8	6.2	4.3	2.6	1.3				
40	1.2	1.7	3.6	6.1	8.9	12.1	19.2	26.9	26.9	19.2	12.1	8.9	6.1	3.6	1.7	1.2			
30		2.1	4.5	7.6	14.3	45.6	88.8	113.2	113.2	88.8	45.6	14.3	7.6	4.5	2.1				
20	1.3	2.4	5.3	9.5	41.7	109.0	160.9	194.8	194.8	160.9	109.0	41.7	9.5	5.3	2.4	1.3			
10		2.7	5.9	14.6	75.9	150.5	228.6	297.5	297.5	228.6	150.5	75.9	14.6	5.9	2.7				
0	1.3	2.9	6.4	20.1	92.4	175.6	287.5	388.9	388.9	287.5	175.6	92.4	20.1	6.4	2.9	1.3			
-10		2.9	6.4	20.1	92.4	175.6	287.5	388.9	388.9	287.5	175.6	92.4	20.1	6.4	2.9				
-20	1.3	2.7	5.9	14.6	75.9	150.5	228.6	297.5	297.5	228.6	150.5	75.9	14.6	5.9	2.7	1.3			
-30		2.4	5.3	9.5	41.7	109.0	160.9	194.8	194.8	160.9	109.0	41.7	9.5	5.3	2.4				
-40	1.2	2.1	4.5	7.6	14.3	45.6	88.8	113.2	113.2	88.8	45.6	14.3	7.6	4.5	2.1	1.2			
-50		1.7	3.6	6.1	8.9	12.1	19.2	26.9	26.9	19.2	12.1	8.9	6.1	3.6	1.7				
-60	0.8	1.3	2.6	4.3	6.2	7.8	8.9	9.8	9.8	8.9	7.8	6.2	4.3	2.6	1.3	0.8			
-70		0.9	1.6	2.5	3.5	4.3	5.0	5.4	5.4	5.0	4.3	3.5	2.5	1.6	0.9				
-80																			
-90	0.2	1.3		3.0		4.9		3.8		4.9		3.0		1.3		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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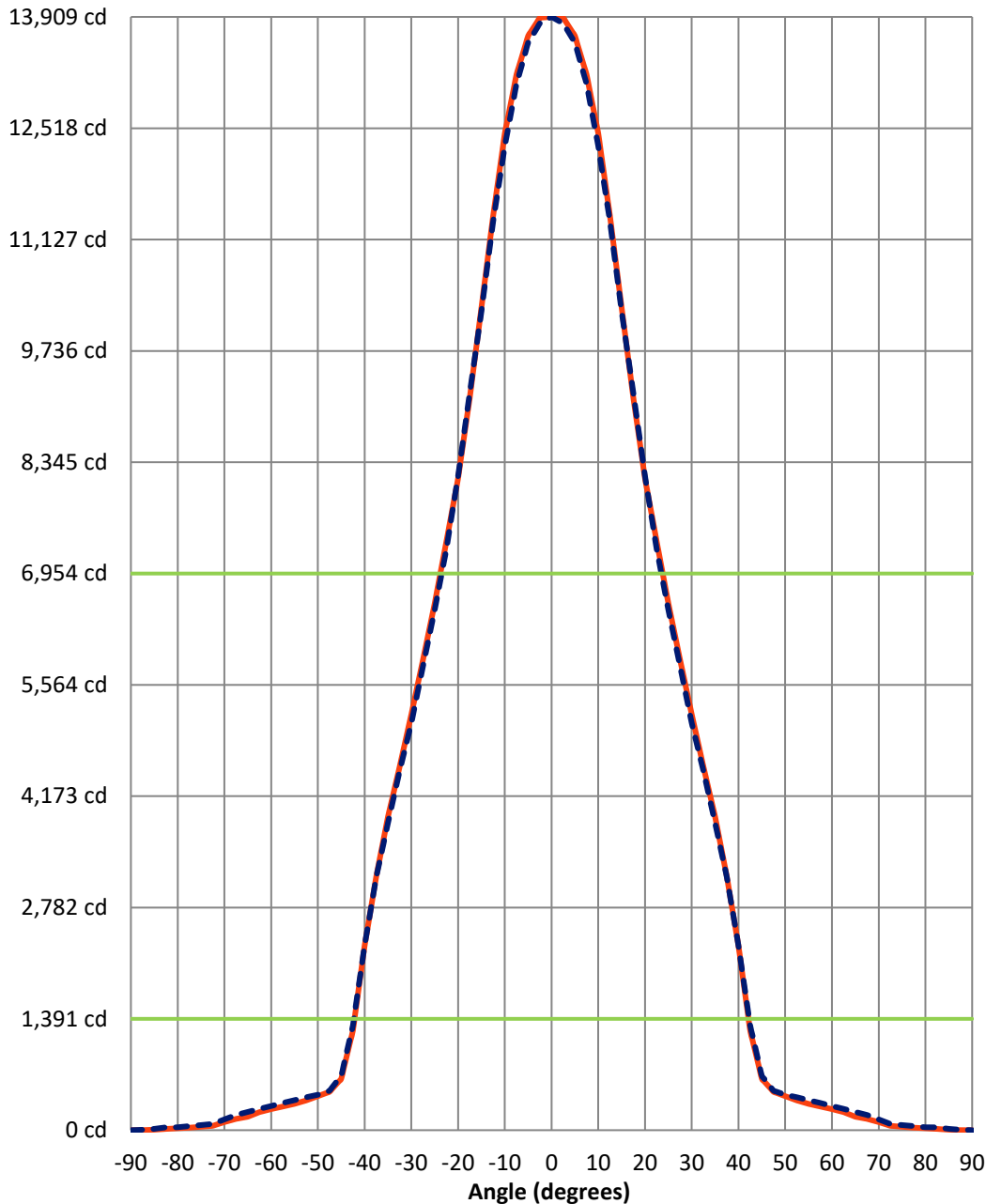
Luminous Intensity Polar Plot



— 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: 5109
Efficiency: 47.2%

Field:
H Angle: 84.6°
V Angle: 84.3°
Lumens: 9831.1
Efficiency: 90.8%

Spill:
Lumens: 996.1
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	0.2	0.5	0.7	1.1	1.5	1.9	2.1	2.3	2.5	2.7
85°	0.0	0.5	0.9	1.5	2.2	2.9	3.8	4.2	4.7	5.0	5.3
82.5°	0.0	0.7	1.4	2.2	3.2	4.4	5.6	6.4	7.2	8.6	9.7
80°	0.0	0.9	1.8	3.0	4.3	5.8	7.8	10.4	12.4	13.9	15.0
77.5°	0.0	1.1	2.2	3.7	5.3	7.9	12.2	15.3	17.6	19.3	20.8
75°	0.0	1.3	2.7	4.4	6.6	11.3	16.6	20.3	23.0	25.8	28.0
72.5°	0.0	1.6	3.1	5.1	9.1	14.6	20.9	25.6	29.6	32.9	35.3
70°	0.0	1.8	3.6	6.0	11.5	17.9	25.1	31.8	36.3	40.0	45.7
67.5°	0.0	2.0	4.0	7.6	13.9	21.0	30.1	38.0	43.1	49.0	56.5
65°	0.0	2.2	4.4	9.2	16.1	24.4	34.8	44.2	50.1	57.6	66.7
62.5°	0.0	2.4	4.8	10.7	18.3	27.9	39.3	49.8	56.8	65.9	76.1
60°	0.0	2.6	5.2	12.2	20.4	31.2	43.6	54.9	63.2	74.4	85.4
57.5°	0.0	2.8	6.1	13.6	22.7	34.4	46.6	59.5	70.4	82.7	93.5
55°	0.0	3.0	7.0	14.9	25.0	37.4	49.0	62.8	77.6	90.5	101.0
52.5°	0.0	3.2	7.9	16.2	27.1	40.0	51.2	67.3	84.7	97.1	108.3
50°	0.0	3.3	8.7	17.4	29.1	41.2	52.9	71.5	91.3	103.6	116.4
47.5°	0.0	3.5	9.5	18.6	30.9	42.3	54.5	75.2	97.0	109.9	124.3
45°	0.0	3.7	10.3	19.8	32.6	43.0	57.2	78.4	99.9	116.8	132.0
42.5°	0.0	3.8	11.0	20.9	34.1	43.5	59.4	80.6	102.1	123.3	139.7
40°	0.0	4.0	11.7	22.1	34.9	43.8	61.2	82.1	104.0	129.1	147.2
37.5°	0.0	4.1	12.3	23.4	35.0	43.7	62.7	83.1	106.2	131.9	154.4
35°	0.0	4.3	12.9	24.6	34.9	44.3	63.7	83.7	108.0	136.2	161.3
32.5°	0.0	4.4	13.5	25.7	34.7	45.0	64.2	83.8	109.4	141.3	167.7
30°	0.0	4.5	14.0	26.9	34.4	45.4	64.2	83.8	110.5	147.2	173.9
27.5°	0.0	4.6	14.5	27.9	34.7	45.5	63.8	84.4	112.7	153.9	179.9
25°	0.0	4.7	14.9	29.0	35.1	45.4	63.1	84.6	117.2	159.6	185.9
22.5°	0.0	4.8	15.3	30.0	35.5	45.5	62.0	84.5	121.9	164.2	193.3
20°	0.0	4.9	15.6	30.9	35.7	46.7	60.7	84.1	126.7	168.5	199.9
17.5°	0.0	5.0	15.9	31.7	36.0	47.7	60.8	83.3	131.5	172.5	205.9
15°	0.0	5.0	16.2	32.5	36.1	48.7	61.7	83.0	136.1	176.2	211.1
12.5°	0.0	5.1	16.4	33.2	36.3	49.4	62.4	83.4	139.2	179.4	215.6
10°	0.0	5.1	16.5	33.9	36.4	50.1	63.0	83.2	140.5	182.1	219.4
7.5°	0.0	5.2	16.6	34.4	36.4	50.6	63.4	82.5	140.6	184.7	222.6
5°	0.0	5.2	16.7	34.9	36.5	50.9	63.7	81.4	139.7	187.0	225.1
2.5°	0.0	5.2	16.7	35.2	36.5	51.1	63.8	80.0	137.7	188.9	226.7
0°	0.0	5.2	16.7	35.5	36.5	51.2	63.7	78.3	134.7	190.0	227.6
-2.5°	0.0	5.2	16.7	35.2	36.5	51.1	63.8	80.0	137.7	188.9	226.7
-5°	0.0	5.2	16.7	34.9	36.5	50.9	63.7	81.4	139.7	187.0	225.1
-7.5°	0.0	5.2	16.6	34.4	36.4	50.6	63.4	82.5	140.6	184.7	222.6
-10°	0.0	5.1	16.5	33.9	36.4	50.1	63.0	83.2	140.5	182.1	219.4
-12.5°	0.0	5.1	16.4	33.2	36.3	49.4	62.4	83.4	139.2	179.4	215.6
-15°	0.0	5.0	16.2	32.5	36.1	48.7	61.7	83.0	136.1	176.2	211.1
-17.5°	0.0	5.0	15.9	31.7	36.0	47.7	60.8	83.3	131.5	172.5	205.9
-20°	0.0	4.9	15.6	30.9	35.7	46.7	60.7	84.1	126.7	168.5	199.9



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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	4.8	15.3	30.0	35.5	45.5	62.0	84.5	121.9	164.2	193.3
-25°	0.0	4.7	14.9	29.0	35.1	45.4	63.1	84.6	117.2	159.6	185.9
-27.5°	0.0	4.6	14.5	27.9	34.7	45.5	63.8	84.4	112.7	153.9	179.9
-30°	0.0	4.5	14.0	26.9	34.4	45.4	64.2	83.8	110.5	147.2	173.9
-32.5°	0.0	4.4	13.5	25.7	34.7	45.0	64.2	83.8	109.4	141.3	167.7
-35°	0.0	4.3	12.9	24.6	34.9	44.3	63.7	83.7	108.0	136.2	161.3
-37.5°	0.0	4.1	12.3	23.4	35.0	43.7	62.7	83.1	106.2	131.9	154.4
-40°	0.0	4.0	11.7	22.1	34.9	43.8	61.2	82.1	104.0	129.1	147.2
-42.5°	0.0	3.8	11.0	20.9	34.1	43.5	59.4	80.6	102.1	123.3	139.7
-45°	0.0	3.7	10.3	19.8	32.6	43.0	57.2	78.4	99.9	116.8	132.0
-47.5°	0.0	3.5	9.5	18.6	30.9	42.3	54.5	75.2	97.0	109.9	124.3
-50°	0.0	3.3	8.7	17.4	29.1	41.2	52.9	71.5	91.3	103.6	116.4
-52.5°	0.0	3.2	7.9	16.2	27.1	40.0	51.2	67.3	84.7	97.1	108.3
-55°	0.0	3.0	7.0	14.9	25.0	37.4	49.0	62.8	77.6	90.5	101.0
-57.5°	0.0	2.8	6.1	13.6	22.7	34.4	46.6	59.5	70.4	82.7	93.5
-60°	0.0	2.6	5.2	12.2	20.4	31.2	43.6	54.9	63.2	74.4	85.4
-62.5°	0.0	2.4	4.8	10.7	18.3	27.9	39.3	49.8	56.8	65.9	76.1
-65°	0.0	2.2	4.4	9.2	16.1	24.4	34.8	44.2	50.1	57.6	66.7
-67.5°	0.0	2.0	4.0	7.6	13.9	21.0	30.1	38.0	43.1	49.0	56.5
-70°	0.0	1.8	3.6	6.0	11.5	17.9	25.1	31.8	36.3	40.0	45.7
-72.5°	0.0	1.6	3.1	5.1	9.1	14.6	20.9	25.6	29.6	32.9	35.3
-75°	0.0	1.3	2.7	4.4	6.6	11.3	16.6	20.3	23.0	25.8	28.0
-77.5°	0.0	1.1	2.2	3.7	5.3	7.9	12.2	15.3	17.6	19.3	20.8
-80°	0.0	0.9	1.8	3.0	4.3	5.8	7.8	10.4	12.4	13.9	15.0
-82.5°	0.0	0.7	1.4	2.2	3.2	4.4	5.6	6.4	7.2	8.6	9.7
-85°	0.0	0.5	0.9	1.5	2.2	2.9	3.8	4.2	4.7	5.0	5.3
-87.5°	0.0	0.2	0.5	0.7	1.1	1.5	1.9	2.1	2.3	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°	2.7	2.6	2.5	2.4	2.2	2.0	1.8	1.5	1.5	1.6	1.7
85°	5.3	5.3	5.7	6.0	6.2	6.1	5.9	5.6	6.4	7.3	8.3
82.5°	10.6	11.5	12.4	13.2	13.2	12.9	12.4	11.9	13.8	16.1	18.5
80°	16.3	17.7	19.8	21.9	22.4	22.2	21.5	20.3	22.9	26.6	30.8
77.5°	23.4	26.2	29.1	32.0	32.7	32.1	30.7	28.5	31.8	37.8	44.5
75°	31.0	34.6	39.2	42.8	43.5	42.3	40.2	38.3	42.2	49.6	56.8
72.5°	40.5	46.4	50.9	54.1	54.3	53.1	52.1	51.1	55.5	64.3	71.6
70°	52.7	58.5	62.0	63.9	64.4	65.1	68.0	70.9	75.2	82.8	88.8
67.5°	64.7	69.3	72.5	74.7	79.2	83.5	87.6	91.8	96.7	103.1	107.7
65°	75.4	80.1	84.3	89.7	96.3	101.4	106.9	112.9	119.6	125.6	130.0
62.5°	85.9	91.1	96.9	104.1	111.7	118.6	126.7	134.9	142.9	149.7	157.2
60°	94.6	101.5	109.3	117.9	127.1	137.6	147.3	156.9	165.6	174.1	184.7
57.5°	102.9	112.2	121.8	132.1	144.1	156.9	168.3	178.8	189.7	202.1	212.4
55°	111.6	123.3	134.2	146.7	161.0	176.5	189.0	200.8	214.3	229.1	240.7
52.5°	121.0	133.9	146.7	161.7	179.0	194.5	207.5	222.2	238.5	254.7	268.1
50°	130.1	144.3	159.2	178.3	195.5	210.2	226.3	244.0	261.1	277.7	293.6
47.5°	139.2	154.4	174.3	193.8	209.8	227.1	245.9	264.2	282.1	299.4	316.0
45°	148.2	166.3	188.3	206.8	224.7	244.4	263.9	283.1	301.9	320.3	338.5
42.5°	156.8	177.9	200.1	219.4	239.9	260.6	281.0	301.2	321.2	340.9	360.3
40°	166.3	188.5	211.8	232.9	254.3	275.9	297.4	318.7	339.8	360.7	381.2
37.5°	175.0	199.4	223.8	245.8	267.9	290.5	313.0	335.6	357.8	379.5	402.9
35°	182.8	210.5	235.1	258.2	281.3	304.3	328.1	351.8	375.2	398.8	428.6
32.5°	191.6	221.7	245.7	270.1	294.1	317.7	342.4	367.6	392.5	420.0	462.9
30°	201.5	231.0	255.8	281.5	306.1	330.9	356.4	382.7	408.9	451.8	550.8
27.5°	211.1	239.6	265.7	292.0	317.3	343.0	369.8	397.0	433.5	499.4	660.1
25°	220.0	247.8	274.9	301.6	327.7	354.3	382.0	410.3	459.9	593.0	948.0
22.5°	227.5	255.7	284.0	310.3	337.1	364.6	393.4	431.0	507.5	687.4	1268.4
20°	233.9	263.3	292.2	319.6	345.9	373.8	403.8	450.6	579.9	957.0	1652.2
17.5°	239.8	270.2	299.7	328.4	355.9	383.3	414.1	467.5	645.1	1191.4	2038.2
15°	245.3	276.3	306.7	336.6	365.2	393.7	430.4	515.7	776.9	1424.0	2382.0
12.5°	250.2	281.8	313.2	344.2	373.4	402.9	445.1	563.6	938.3	1697.0	2616.7
10°	254.6	286.4	318.9	351.1	380.7	411.0	457.4	603.0	1071.1	1921.5	2805.3
7.5°	258.6	290.9	324.2	357.3	387.0	418.0	467.6	633.7	1173.7	2090.6	2955.8
5°	261.9	295.3	330.5	364.0	394.9	425.5	476.3	655.7	1245.7	2204.5	3065.4
2.5°	264.5	298.9	335.9	370.0	403.6	434.7	486.2	672.0	1292.1	2277.0	3135.5
0°	266.3	301.8	340.4	374.9	411.4	442.7	493.9	679.8	1309.4	2303.5	3161.9
-2.5°	264.5	298.9	335.9	370.0	403.6	434.7	486.2	672.0	1292.1	2277.0	3135.5
-5°	261.9	295.3	330.5	364.0	394.9	425.5	476.3	655.7	1245.7	2204.5	3065.4
-7.5°	258.6	290.9	324.2	357.3	387.0	418.0	467.6	633.7	1173.7	2090.6	2955.8
-10°	254.6	286.4	318.9	351.1	380.7	411.0	457.4	603.0	1071.1	1921.5	2805.3
-12.5°	250.2	281.8	313.2	344.2	373.4	402.9	445.1	563.6	938.3	1697.0	2616.7
-15°	245.3	276.3	306.7	336.6	365.2	393.7	430.4	515.7	776.9	1424.0	2382.0
-17.5°	239.8	270.2	299.7	328.4	355.9	383.3	414.1	467.5	645.1	1191.4	2038.2
-20°	233.9	263.3	292.2	319.6	345.9	373.8	403.8	450.6	579.9	957.0	1652.2



REPORT NUMBER: P558725 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-930-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°	227.5	255.7	284.0	310.3	337.1	364.6	393.4	431.0	507.5	687.4	1268.4
-25°	220.0	247.8	274.9	301.6	327.7	354.3	382.0	410.3	459.9	593.0	948.0
-27.5°	211.1	239.6	265.7	292.0	317.3	343.0	369.8	397.0	433.5	499.4	660.1
-30°	201.5	231.0	255.8	281.5	306.1	330.9	356.4	382.7	408.9	451.8	550.8
-32.5°	191.6	221.7	245.7	270.1	294.1	317.7	342.4	367.6	392.5	420.0	462.9
-35°	182.8	210.5	235.1	258.2	281.3	304.3	328.1	351.8	375.2	398.8	428.6
-37.5°	175.0	199.4	223.8	245.8	267.9	290.5	313.0	335.6	357.8	379.5	402.9
-40°	166.3	188.5	211.8	232.9	254.3	275.9	297.4	318.7	339.8	360.7	381.2
-42.5°	156.8	177.9	200.1	219.4	239.9	260.6	281.0	301.2	321.2	340.9	360.3
-45°	148.2	166.3	188.3	206.8	224.7	244.4	263.9	283.1	301.9	320.3	338.5
-47.5°	139.2	154.4	174.3	193.8	209.8	227.1	245.9	264.2	282.1	299.4	316.0
-50°	130.1	144.3	159.2	178.3	195.5	210.2	226.3	244.0	261.1	277.7	293.6
-52.5°	121.0	133.9	146.7	161.7	179.0	194.5	207.5	222.2	238.5	254.7	268.1
-55°	111.6	123.3	134.2	146.7	161.0	176.5	189.0	200.8	214.3	229.1	240.7
-57.5°	102.9	112.2	121.8	132.1	144.1	156.9	168.3	178.8	189.7	202.1	212.4
-60°	94.6	101.5	109.3	117.9	127.1	137.6	147.3	156.9	165.6	174.1	184.7
-62.5°	85.9	91.1	96.9	104.1	111.7	118.6	126.7	134.9	142.9	149.7	157.2
-65°	75.4	80.1	84.3	89.7	96.3	101.4	106.9	112.9	119.6	125.6	130.0
-67.5°	64.7	69.3	72.5	74.7	79.2	83.5	87.6	91.8	96.7	103.1	107.7
-70°	52.7	58.5	62.0	63.9	64.4	65.1	68.0	70.9	75.2	82.8	88.8
-72.5°	40.5	46.4	50.9	54.1	54.3	53.1	52.1	51.1	55.5	64.3	71.6
-75°	31.0	34.6	39.2	42.8	43.5	42.3	40.2	38.3	42.2	49.6	56.8
-77.5°	23.4	26.2	29.1	32.0	32.7	32.1	30.7	28.5	31.8	37.8	44.5
-80°	16.3	17.7	19.8	21.9	22.4	22.2	21.5	20.3	22.9	26.6	30.8
-82.5°	10.6	11.5	12.4	13.2	13.2	12.9	12.4	11.9	13.8	16.1	18.5
-85°	5.3	5.3	5.7	6.0	6.2	6.1	5.9	5.6	6.4	7.3	8.3
-87.5°	2.7	2.6	2.5	2.4	2.2	2.0	1.8	1.5	1.5	1.6	1.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558725 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-930-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°	1.7	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0	1.8	1.5
85°	9.4	9.1	8.6	8.0	7.3	7.6	8.1	8.5	8.9	8.3	7.7
82.5°	21.1	21.4	21.4	21.3	21.2	22.1	23.0	23.7	24.4	22.5	20.4
80°	35.5	37.2	38.2	39.1	39.8	39.8	39.3	38.4	37.1	33.9	30.4
77.5°	51.3	54.0	55.3	56.6	58.0	58.4	58.8	59.1	59.5	54.0	47.0
75°	63.6	67.5	69.8	72.0	73.9	75.1	75.7	76.1	76.3	69.7	61.1
72.5°	77.6	81.4	84.2	86.8	89.3	90.9	91.9	92.6	93.0	87.2	79.0
70°	93.0	96.1	99.4	102.6	105.7	107.7	109.1	110.2	111.0	110.4	110.0
67.5°	111.3	113.9	117.9	121.1	124.2	126.5	128.8	130.7	132.1	133.6	135.3
65°	134.1	140.5	146.4	149.4	149.8	153.0	158.3	161.8	163.5	164.8	166.5
62.5°	165.9	173.7	177.9	182.9	189.3	195.3	197.6	200.7	204.4	208.8	213.9
60°	193.1	199.6	206.3	213.2	219.1	224.1	229.5	234.8	239.7	244.1	248.5
57.5°	221.0	228.1	234.9	243.0	248.6	252.0	257.2	263.6	268.5	272.4	278.2
55°	249.9	259.1	268.3	275.6	281.0	284.5	288.5	294.6	298.2	299.6	306.4
52.5°	279.0	289.8	301.2	309.8	315.4	320.7	325.5	331.0	334.6	336.4	343.0
50°	305.8	318.7	331.5	342.6	350.1	358.9	368.8	373.7	376.8	380.3	387.7
47.5°	331.4	345.9	359.5	372.0	382.9	392.8	401.3	409.5	421.6	431.2	440.7
45°	356.1	371.5	386.2	400.3	412.5	431.7	450.0	465.5	507.2	542.3	569.0
42.5°	379.2	397.8	414.4	438.0	463.5	508.0	576.5	640.1	763.0	921.3	1053.4
40°	403.4	427.5	457.2	503.0	589.8	678.9	945.4	1182.8	1416.4	1682.0	1909.6
37.5°	431.6	467.8	555.1	658.7	936.7	1244.2	1621.8	1992.5	2315.3	2591.5	2822.1
35°	468.9	581.1	744.1	1121.4	1532.1	2036.3	2471.5	2820.1	3139.0	3394.9	3587.6
32.5°	578.9	784.2	1214.8	1733.8	2298.7	2785.7	3209.6	3543.5	3834.4	4063.7	4242.3
30°	740.0	1211.7	1796.6	2418.1	2980.7	3445.8	3837.5	4155.7	4415.3	4648.7	4844.7
27.5°	1122.8	1729.7	2417.2	3051.1	3562.9	3998.3	4349.7	4664.9	4951.2	5196.9	5428.6
25°	1541.7	2293.0	2986.5	3563.4	4041.0	4449.5	4820.1	5164.9	5485.4	5773.0	6042.5
22.5°	2044.8	2794.0	3456.8	3990.8	4453.6	4873.3	5266.9	5650.6	6023.7	6374.7	6700.6
20°	2500.2	3235.6	3813.6	4346.8	4827.7	5265.0	5698.8	6146.0	6576.5	6999.3	7391.9
17.5°	2855.2	3539.3	4119.5	4660.0	5149.5	5644.7	6141.2	6654.8	7174.1	7665.1	8134.7
15°	3151.6	3792.7	4380.6	4921.1	5459.3	6005.6	6560.3	7165.4	7783.1	8370.8	8969.4
12.5°	3361.7	4004.1	4600.1	5142.5	5745.8	6338.9	6984.6	7674.2	8387.6	9072.1	9807.4
10°	3530.6	4172.7	4763.8	5348.5	5987.1	6644.7	7368.9	8128.5	8979.7	9790.3	10582.5
7.5°	3675.6	4313.4	4895.2	5516.5	6187.8	6910.6	7698.2	8557.0	9478.3	10380.3	11323.2
5°	3781.6	4409.3	4997.4	5654.3	6342.1	7104.9	7952.3	8869.9	9857.9	10846.2	11778.7
2.5°	3837.7	4464.0	5060.9	5739.7	6432.6	7222.6	8105.1	9077.8	10121.3	11199.7	12119.2
0°	3836.4	4486.9	5085.3	5797.4	6499.1	7258.3	8170.9	9210.9	10229.0	11349.5	12293.4
-2.5°	3837.7	4464.0	5060.9	5739.7	6432.6	7222.6	8105.1	9077.8	10121.3	11199.7	12119.2
-5°	3781.6	4409.3	4997.4	5654.3	6342.1	7104.9	7952.3	8869.9	9857.9	10846.2	11778.7
-7.5°	3675.6	4313.4	4895.2	5516.5	6187.8	6910.6	7698.2	8557.0	9478.3	10380.3	11323.2
-10°	3530.6	4172.7	4763.8	5348.5	5987.1	6644.7	7368.9	8128.5	8979.7	9790.3	10582.5
-12.5°	3361.7	4004.1	4600.1	5142.5	5745.8	6338.9	6984.6	7674.2	8387.6	9072.1	9807.4
-15°	3151.6	3792.7	4380.6	4921.1	5459.3	6005.6	6560.3	7165.4	7783.1	8370.8	8969.4
-17.5°	2855.2	3539.3	4119.5	4660.0	5149.5	5644.7	6141.2	6654.8	7174.1	7665.1	8134.7
-20°	2500.2	3235.6	3813.6	4346.8	4827.7	5265.0	5698.8	6146.0	6576.5	6999.3	7391.9



REPORT NUMBER: P558725 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2044.8	2794.0	3456.8	3990.8	4453.6	4873.3	5266.9	5650.6	6023.7	6374.7	6700.6
-25°	1541.7	2293.0	2986.5	3563.4	4041.0	4449.5	4820.1	5164.9	5485.4	5773.0	6042.5
-27.5°	1122.8	1729.7	2417.2	3051.1	3562.9	3998.3	4349.7	4664.9	4951.2	5196.9	5428.6
-30°	740.0	1211.7	1796.6	2418.1	2980.7	3445.8	3837.5	4155.7	4415.3	4648.7	4844.7
-32.5°	578.9	784.2	1214.8	1733.8	2298.7	2785.7	3209.6	3543.5	3834.4	4063.7	4242.3
-35°	468.9	581.1	744.1	1121.4	1532.1	2036.3	2471.5	2820.1	3139.0	3394.9	3587.6
-37.5°	431.6	467.8	555.1	658.7	936.7	1244.2	1621.8	1992.5	2315.3	2591.5	2822.1
-40°	403.4	427.5	457.2	503.0	589.8	678.9	945.4	1182.8	1416.4	1682.0	1909.6
-42.5°	379.2	397.8	414.4	438.0	463.5	508.0	576.5	640.1	763.0	921.3	1053.4
-45°	356.1	371.5	386.2	400.3	412.5	431.7	450.0	465.5	507.2	542.3	569.0
-47.5°	331.4	345.9	359.5	372.0	382.9	392.8	401.3	409.5	421.6	431.2	440.7
-50°	305.8	318.7	331.5	342.6	350.1	358.9	368.8	373.7	376.8	380.3	387.7
-52.5°	279.0	289.8	301.2	309.8	315.4	320.7	325.5	331.0	334.6	336.4	343.0
-55°	249.9	259.1	268.3	275.6	281.0	284.5	288.5	294.6	298.2	299.6	306.4
-57.5°	221.0	228.1	234.9	243.0	248.6	252.0	257.2	263.6	268.5	272.4	278.2
-60°	193.1	199.6	206.3	213.2	219.1	224.1	229.5	234.8	239.7	244.1	248.5
-62.5°	165.9	173.7	177.9	182.9	189.3	195.3	197.6	200.7	204.4	208.8	213.9
-65°	134.1	140.5	146.4	149.4	149.8	153.0	158.3	161.8	163.5	164.8	166.5
-67.5°	111.3	113.9	117.9	121.1	124.2	126.5	128.8	130.7	132.1	133.6	135.3
-70°	93.0	96.1	99.4	102.6	105.7	107.7	109.1	110.2	111.0	110.4	110.0
-72.5°	77.6	81.4	84.2	86.8	89.3	90.9	91.9	92.6	93.0	87.2	79.0
-75°	63.6	67.5	69.8	72.0	73.9	75.1	75.7	76.1	76.3	69.7	61.1
-77.5°	51.3	54.0	55.3	56.6	58.0	58.4	58.8	59.1	59.5	54.0	47.0
-80°	35.5	37.2	38.2	39.1	39.8	39.8	39.3	38.4	37.1	33.9	30.4
-82.5°	21.1	21.4	21.4	21.3	21.2	22.1	23.0	23.7	24.4	22.5	20.4
-85°	9.4	9.1	8.6	8.0	7.3	7.6	8.1	8.5	8.9	8.3	7.7
-87.5°	1.7	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0	1.8	1.5
-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: P558725 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-930-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°	1.3	1.0	1.0	1.0	1.0	1.0	1.3	1.5	1.8	2.0	2.0
85°	7.0	6.3	6.3	6.3	6.3	6.3	7.0	7.7	8.3	8.9	8.5
82.5°	18.1	15.6	15.7	15.7	15.7	15.6	18.1	20.4	22.5	24.4	23.7
80°	26.8	23.0	23.5	24.0	23.5	23.0	26.8	30.4	33.9	37.1	38.4
77.5°	39.4	31.5	31.3	31.3	31.3	31.5	39.4	47.0	54.0	59.5	59.1
75°	52.2	43.2	42.7	42.8	42.7	43.2	52.2	61.1	69.7	76.3	76.1
72.5°	70.6	61.9	58.0	54.3	58.0	61.9	70.6	79.0	87.2	93.0	92.6
70°	110.0	110.3	106.4	101.3	106.4	110.3	110.0	110.0	110.4	111.0	110.2
67.5°	136.8	137.9	139.6	141.0	139.6	137.9	136.8	135.3	133.6	132.1	130.7
65°	167.3	167.2	167.8	168.1	167.8	167.2	167.3	166.5	164.8	163.5	161.8
62.5°	218.3	221.8	224.3	225.5	224.3	221.8	218.3	213.9	208.8	204.4	200.7
60°	252.1	255.0	259.1	263.1	259.1	255.0	252.1	248.5	244.1	239.7	234.8
57.5°	283.7	288.6	292.5	295.5	292.5	288.6	283.7	278.2	272.4	268.5	263.6
55°	312.8	318.5	324.0	328.9	324.0	318.5	312.8	306.4	299.6	298.2	294.6
52.5°	349.4	354.1	361.9	371.7	361.9	354.1	349.4	343.0	336.4	334.6	331.0
50°	396.2	403.3	413.2	425.0	413.2	403.3	396.2	387.7	380.3	376.8	373.7
47.5°	450.3	457.5	466.9	479.3	466.9	457.5	450.3	440.7	431.2	421.6	409.5
45°	593.4	610.1	625.4	642.2	625.4	610.1	593.4	569.0	542.3	507.2	465.5
42.5°	1159.4	1232.6	1264.2	1245.7	1264.2	1232.6	1159.4	1053.4	921.3	763.0	640.1
40°	2083.1	2204.9	2276.5	2301.4	2276.5	2204.9	2083.1	1909.6	1682.0	1416.4	1182.8
37.5°	2990.5	3102.6	3163.0	3170.2	3163.0	3102.6	2990.5	2822.1	2591.5	2315.3	1992.5
35°	3726.7	3819.0	3873.7	3914.7	3873.7	3819.0	3726.7	3587.6	3394.9	3139.0	2820.1
32.5°	4387.7	4492.9	4553.7	4540.2	4553.7	4492.9	4387.7	4242.3	4063.7	3834.4	3543.5
30°	5005.3	5120.3	5191.8	5193.9	5191.8	5120.3	5005.3	4844.7	4648.7	4415.3	4155.7
27.5°	5615.9	5745.0	5819.5	5877.8	5819.5	5745.0	5615.9	5428.6	5196.9	4951.2	4664.9
25°	6267.2	6428.2	6523.8	6581.6	6523.8	6428.2	6267.2	6042.5	5773.0	5485.4	5164.9
22.5°	6969.4	7168.9	7299.9	7354.3	7299.9	7168.9	6969.4	6700.6	6374.7	6023.7	5650.6
20°	7733.4	7980.4	8147.7	8142.7	8147.7	7980.4	7733.4	7391.9	6999.3	6576.5	6146.0
17.5°	8585.7	8904.5	9120.2	9151.4	9120.2	8904.5	8585.7	8134.7	7665.1	7174.1	6654.8
15°	9499.6	9910.5	10189.5	10276.0	10189.5	9910.5	9499.6	8969.4	8370.8	7783.1	7165.4
12.5°	10436.0	10924.8	11296.8	11420.5	11296.8	10924.8	10436.0	9807.4	9072.1	8387.6	7674.2
10°	11328.2	11869.7	12273.4	12452.1	12273.4	11869.7	11328.2	10582.5	9790.3	8979.7	8128.5
7.5°	12074.1	12624.3	13040.1	13187.3	13040.1	12624.3	12074.1	11323.2	10380.3	9478.3	8557.0
5°	12565.5	13166.6	13490.0	13671.8	13490.0	13166.6	12565.5	11778.7	10846.2	9857.9	8869.9
2.5°	12893.8	13403.5	13731.0	13898.4	13731.0	13403.5	12893.8	12119.2	11199.7	10121.3	9077.8
0°	13068.2	13587.2	13827.4	13908.8	13827.4	13587.2	13068.2	12293.4	11349.5	10229.0	9210.9
-2.5°	12893.8	13403.5	13731.0	13898.4	13731.0	13403.5	12893.8	12119.2	11199.7	10121.3	9077.8
-5°	12565.5	13166.6	13490.0	13671.8	13490.0	13166.6	12565.5	11778.7	10846.2	9857.9	8869.9
-7.5°	12074.1	12624.3	13040.1	13187.3	13040.1	12624.3	12074.1	11323.2	10380.3	9478.3	8557.0
-10°	11328.2	11869.7	12273.4	12452.1	12273.4	11869.7	11328.2	10582.5	9790.3	8979.7	8128.5
-12.5°	10436.0	10924.8	11296.8	11420.5	11296.8	10924.8	10436.0	9807.4	9072.1	8387.6	7674.2
-15°	9499.6	9910.5	10189.5	10276.0	10189.5	9910.5	9499.6	8969.4	8370.8	7783.1	7165.4
-17.5°	8585.7	8904.5	9120.2	9151.4	9120.2	8904.5	8585.7	8134.7	7665.1	7174.1	6654.8
-20°	7733.4	7980.4	8147.7	8142.7	8147.7	7980.4	7733.4	7391.9	6999.3	6576.5	6146.0



REPORT NUMBER: P558725 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-930-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°	6969.4	7168.9	7299.9	7354.3	7299.9	7168.9	6969.4	6700.6	6374.7	6023.7	5650.6
-25°	6267.2	6428.2	6523.8	6581.6	6523.8	6428.2	6267.2	6042.5	5773.0	5485.4	5164.9
-27.5°	5615.9	5745.0	5819.5	5877.8	5819.5	5745.0	5615.9	5428.6	5196.9	4951.2	4664.9
-30°	5005.3	5120.3	5191.8	5193.9	5191.8	5120.3	5005.3	4844.7	4648.7	4415.3	4155.7
-32.5°	4387.7	4492.9	4553.7	4540.2	4553.7	4492.9	4387.7	4242.3	4063.7	3834.4	3543.5
-35°	3726.7	3819.0	3873.7	3914.7	3873.7	3819.0	3726.7	3587.6	3394.9	3139.0	2820.1
-37.5°	2990.5	3102.6	3163.0	3170.2	3163.0	3102.6	2990.5	2822.1	2591.5	2315.3	1992.5
-40°	2083.1	2204.9	2276.5	2301.4	2276.5	2204.9	2083.1	1909.6	1682.0	1416.4	1182.8
-42.5°	1159.4	1232.6	1264.2	1245.7	1264.2	1232.6	1159.4	1053.4	921.3	763.0	640.1
-45°	593.4	610.1	625.4	642.2	625.4	610.1	593.4	569.0	542.3	507.2	465.5
-47.5°	450.3	457.5	466.9	479.3	466.9	457.5	450.3	440.7	431.2	421.6	409.5
-50°	396.2	403.3	413.2	425.0	413.2	403.3	396.2	387.7	380.3	376.8	373.7
-52.5°	349.4	354.1	361.9	371.7	361.9	354.1	349.4	343.0	336.4	334.6	331.0
-55°	312.8	318.5	324.0	328.9	324.0	318.5	312.8	306.4	299.6	298.2	294.6
-57.5°	283.7	288.6	292.5	295.5	292.5	288.6	283.7	278.2	272.4	268.5	263.6
-60°	252.1	255.0	259.1	263.1	259.1	255.0	252.1	248.5	244.1	239.7	234.8
-62.5°	218.3	221.8	224.3	225.5	224.3	221.8	218.3	213.9	208.8	204.4	200.7
-65°	167.3	167.2	167.8	168.1	167.8	167.2	167.3	166.5	164.8	163.5	161.8
-67.5°	136.8	137.9	139.6	141.0	139.6	137.9	136.8	135.3	133.6	132.1	130.7
-70°	110.0	110.3	106.4	101.3	106.4	110.3	110.0	110.0	110.4	111.0	110.2
-72.5°	70.6	61.9	58.0	54.3	58.0	61.9	70.6	79.0	87.2	93.0	92.6
-75°	52.2	43.2	42.7	42.8	42.7	43.2	52.2	61.1	69.7	76.3	76.1
-77.5°	39.4	31.5	31.3	31.3	31.3	31.5	39.4	47.0	54.0	59.5	59.1
-80°	26.8	23.0	23.5	24.0	23.5	23.0	26.8	30.4	33.9	37.1	38.4
-82.5°	18.1	15.6	15.7	15.7	15.7	15.6	18.1	20.4	22.5	24.4	23.7
-85°	7.0	6.3	6.3	6.3	6.3	6.3	7.0	7.7	8.3	8.9	8.5
-87.5°	1.3	1.0	1.0	1.0	1.0	1.0	1.3	1.5	1.8	2.0	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



REPORT NUMBER: P558725 (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°	2.0	1.9	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.5	1.5
85°	8.1	7.6	7.3	8.0	8.6	9.1	9.4	8.3	7.3	6.4	5.6
82.5°	23.0	22.1	21.2	21.3	21.4	21.4	21.1	18.5	16.1	13.8	11.9
80°	39.3	39.8	39.8	39.1	38.2	37.2	35.5	30.8	26.6	22.9	20.3
77.5°	58.8	58.4	58.0	56.6	55.3	54.0	51.3	44.5	37.8	31.8	28.5
75°	75.7	75.1	73.9	72.0	69.8	67.5	63.6	56.8	49.6	42.2	38.3
72.5°	91.9	90.9	89.3	86.8	84.2	81.4	77.6	71.6	64.3	55.5	51.1
70°	109.1	107.7	105.7	102.6	99.4	96.1	93.0	88.8	82.8	75.2	70.9
67.5°	128.8	126.5	124.2	121.1	117.9	113.9	111.3	107.7	103.1	96.7	91.8
65°	158.3	153.0	149.8	149.4	146.4	140.5	134.1	130.0	125.6	119.6	112.9
62.5°	197.6	195.3	189.3	182.9	177.9	173.7	165.9	157.2	149.7	142.9	134.9
60°	229.5	224.1	219.1	213.2	206.3	199.6	193.1	184.7	174.1	165.6	156.9
57.5°	257.2	252.0	248.6	243.0	234.9	228.1	221.0	212.4	202.1	189.7	178.8
55°	288.5	284.5	281.0	275.6	268.3	259.1	249.9	240.7	229.1	214.3	200.8
52.5°	325.5	320.7	315.4	309.8	301.2	289.8	279.0	268.1	254.7	238.5	222.2
50°	368.8	358.9	350.1	342.6	331.5	318.7	305.8	293.6	277.7	261.1	244.0
47.5°	401.3	392.8	382.9	372.0	359.5	345.9	331.4	316.0	299.4	282.1	264.2
45°	450.0	431.7	412.5	400.3	386.2	371.5	356.1	338.5	320.3	301.9	283.1
42.5°	576.5	508.0	463.5	438.0	414.4	397.8	379.2	360.3	340.9	321.2	301.2
40°	945.4	678.9	589.8	503.0	457.2	427.5	403.4	381.2	360.7	339.8	318.7
37.5°	1621.8	1244.2	936.7	658.7	555.1	467.8	431.6	402.9	379.5	357.8	335.6
35°	2471.5	2036.3	1532.1	1121.4	744.1	581.1	468.9	428.6	398.8	375.2	351.8
32.5°	3209.6	2785.7	2298.7	1733.8	1214.8	784.2	578.9	462.9	420.0	392.5	367.6
30°	3837.5	3445.8	2980.7	2418.1	1796.6	1211.7	740.0	550.8	451.8	408.9	382.7
27.5°	4349.7	3998.3	3562.9	3051.1	2417.2	1729.7	1122.8	660.1	499.4	433.5	397.0
25°	4820.1	4449.5	4041.0	3563.4	2986.5	2293.0	1541.7	948.0	593.0	459.9	410.3
22.5°	5266.9	4873.3	4453.6	3990.8	3456.8	2794.0	2044.8	1268.4	687.4	507.5	431.0
20°	5698.8	5265.0	4827.7	4346.8	3813.6	3235.6	2500.2	1652.2	957.0	579.9	450.6
17.5°	6141.2	5644.7	5149.5	4660.0	4119.5	3539.3	2855.2	2038.2	1191.4	645.1	467.5
15°	6560.3	6005.6	5459.3	4921.1	4380.6	3792.7	3151.6	2382.0	1424.0	776.9	515.7
12.5°	6984.6	6338.9	5745.8	5142.5	4600.1	4004.1	3361.7	2616.7	1697.0	938.3	563.6
10°	7368.9	6644.7	5987.1	5348.5	4763.8	4172.7	3530.6	2805.3	1921.5	1071.1	603.0
7.5°	7698.2	6910.6	6187.8	5516.5	4895.2	4313.4	3675.6	2955.8	2090.6	1173.7	633.7
5°	7952.3	7104.9	6342.1	5654.3	4997.4	4409.3	3781.6	3065.4	2204.5	1245.7	655.7
2.5°	8105.1	7222.6	6432.6	5739.7	5060.9	4464.0	3837.7	3135.5	2277.0	1292.1	672.0
0°	8170.9	7258.3	6499.1	5797.4	5085.3	4486.9	3836.4	3161.9	2303.5	1309.4	679.8
-2.5°	8105.1	7222.6	6432.6	5739.7	5060.9	4464.0	3837.7	3135.5	2277.0	1292.1	672.0
-5°	7952.3	7104.9	6342.1	5654.3	4997.4	4409.3	3781.6	3065.4	2204.5	1245.7	655.7
-7.5°	7698.2	6910.6	6187.8	5516.5	4895.2	4313.4	3675.6	2955.8	2090.6	1173.7	633.7
-10°	7368.9	6644.7	5987.1	5348.5	4763.8	4172.7	3530.6	2805.3	1921.5	1071.1	603.0
-12.5°	6984.6	6338.9	5745.8	5142.5	4600.1	4004.1	3361.7	2616.7	1697.0	938.3	563.6
-15°	6560.3	6005.6	5459.3	4921.1	4380.6	3792.7	3151.6	2382.0	1424.0	776.9	515.7
-17.5°	6141.2	5644.7	5149.5	4660.0	4119.5	3539.3	2855.2	2038.2	1191.4	645.1	467.5
-20°	5698.8	5265.0	4827.7	4346.8	3813.6	3235.6	2500.2	1652.2	957.0	579.9	450.6



REPORT NUMBER: P558725 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5266.9	4873.3	4453.6	3990.8	3456.8	2794.0	2044.8	1268.4	687.4	507.5	431.0
-25°	4820.1	4449.5	4041.0	3563.4	2986.5	2293.0	1541.7	948.0	593.0	459.9	410.3
-27.5°	4349.7	3998.3	3562.9	3051.1	2417.2	1729.7	1122.8	660.1	499.4	433.5	397.0
-30°	3837.5	3445.8	2980.7	2418.1	1796.6	1211.7	740.0	550.8	451.8	408.9	382.7
-32.5°	3209.6	2785.7	2298.7	1733.8	1214.8	784.2	578.9	462.9	420.0	392.5	367.6
-35°	2471.5	2036.3	1532.1	1121.4	744.1	581.1	468.9	428.6	398.8	375.2	351.8
-37.5°	1621.8	1244.2	936.7	658.7	555.1	467.8	431.6	402.9	379.5	357.8	335.6
-40°	945.4	678.9	589.8	503.0	457.2	427.5	403.4	381.2	360.7	339.8	318.7
-42.5°	576.5	508.0	463.5	438.0	414.4	397.8	379.2	360.3	340.9	321.2	301.2
-45°	450.0	431.7	412.5	400.3	386.2	371.5	356.1	338.5	320.3	301.9	283.1
-47.5°	401.3	392.8	382.9	372.0	359.5	345.9	331.4	316.0	299.4	282.1	264.2
-50°	368.8	358.9	350.1	342.6	331.5	318.7	305.8	293.6	277.7	261.1	244.0
-52.5°	325.5	320.7	315.4	309.8	301.2	289.8	279.0	268.1	254.7	238.5	222.2
-55°	288.5	284.5	281.0	275.6	268.3	259.1	249.9	240.7	229.1	214.3	200.8
-57.5°	257.2	252.0	248.6	243.0	234.9	228.1	221.0	212.4	202.1	189.7	178.8
-60°	229.5	224.1	219.1	213.2	206.3	199.6	193.1	184.7	174.1	165.6	156.9
-62.5°	197.6	195.3	189.3	182.9	177.9	173.7	165.9	157.2	149.7	142.9	134.9
-65°	158.3	153.0	149.8	149.4	146.4	140.5	134.1	130.0	125.6	119.6	112.9
-67.5°	128.8	126.5	124.2	121.1	117.9	113.9	111.3	107.7	103.1	96.7	91.8
-70°	109.1	107.7	105.7	102.6	99.4	96.1	93.0	88.8	82.8	75.2	70.9
-72.5°	91.9	90.9	89.3	86.8	84.2	81.4	77.6	71.6	64.3	55.5	51.1
-75°	75.7	75.1	73.9	72.0	69.8	67.5	63.6	56.8	49.6	42.2	38.3
-77.5°	58.8	58.4	58.0	56.6	55.3	54.0	51.3	44.5	37.8	31.8	28.5
-80°	39.3	39.8	39.8	39.1	38.2	37.2	35.5	30.8	26.6	22.9	20.3
-82.5°	23.0	22.1	21.2	21.3	21.4	21.4	21.1	18.5	16.1	13.8	11.9
-85°	8.1	7.6	7.3	8.0	8.6	9.1	9.4	8.3	7.3	6.4	5.6
-87.5°	2.0	1.9	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.5	1.5
-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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 CATALOG NUMBER: GFLD-SA2E-930-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°	1.8	2.0	2.2	2.4	2.5	2.6	2.7	2.7	2.5	2.3	2.1
85°	5.9	6.1	6.2	6.0	5.7	5.3	5.3	5.3	5.0	4.7	4.2
82.5°	12.4	12.9	13.2	13.2	12.4	11.5	10.6	9.7	8.6	7.2	6.4
80°	21.5	22.2	22.4	21.9	19.8	17.7	16.3	15.0	13.9	12.4	10.4
77.5°	30.7	32.1	32.7	32.0	29.1	26.2	23.4	20.8	19.3	17.6	15.3
75°	40.2	42.3	43.5	42.8	39.2	34.6	31.0	28.0	25.8	23.0	20.3
72.5°	52.1	53.1	54.3	54.1	50.9	46.4	40.5	35.3	32.9	29.6	25.6
70°	68.0	65.1	64.4	63.9	62.0	58.5	52.7	45.7	40.0	36.3	31.8
67.5°	87.6	83.5	79.2	74.7	72.5	69.3	64.7	56.5	49.0	43.1	38.0
65°	106.9	101.4	96.3	89.7	84.3	80.1	75.4	66.7	57.6	50.1	44.2
62.5°	126.7	118.6	111.7	104.1	96.9	91.1	85.9	76.1	65.9	56.8	49.8
60°	147.3	137.6	127.1	117.9	109.3	101.5	94.6	85.4	74.4	63.2	54.9
57.5°	168.3	156.9	144.1	132.1	121.8	112.2	102.9	93.5	82.7	70.4	59.5
55°	189.0	176.5	161.0	146.7	134.2	123.3	111.6	101.0	90.5	77.6	62.8
52.5°	207.5	194.5	179.0	161.7	146.7	133.9	121.0	108.3	97.1	84.7	67.3
50°	226.3	210.2	195.5	178.3	159.2	144.3	130.1	116.4	103.6	91.3	71.5
47.5°	245.9	227.1	209.8	193.8	174.3	154.4	139.2	124.3	109.9	97.0	75.2
45°	263.9	244.4	224.7	206.8	188.3	166.3	148.2	132.0	116.8	99.9	78.4
42.5°	281.0	260.6	239.9	219.4	200.1	177.9	156.8	139.7	123.3	102.1	80.6
40°	297.4	275.9	254.3	232.9	211.8	188.5	166.3	147.2	129.1	104.0	82.1
37.5°	313.0	290.5	267.9	245.8	223.8	199.4	175.0	154.4	131.9	106.2	83.1
35°	328.1	304.3	281.3	258.2	235.1	210.5	182.8	161.3	136.2	108.0	83.7
32.5°	342.4	317.7	294.1	270.1	245.7	221.7	191.6	167.7	141.3	109.4	83.8
30°	356.4	330.9	306.1	281.5	255.8	231.0	201.5	173.9	147.2	110.5	83.8
27.5°	369.8	343.0	317.3	292.0	265.7	239.6	211.1	179.9	153.9	112.7	84.4
25°	382.0	354.3	327.7	301.6	274.9	247.8	220.0	185.9	159.6	117.2	84.6
22.5°	393.4	364.6	337.1	310.3	284.0	255.7	227.5	193.3	164.2	121.9	84.5
20°	403.8	373.8	345.9	319.6	292.2	263.3	233.9	199.9	168.5	126.7	84.1
17.5°	414.1	383.3	355.9	328.4	299.7	270.2	239.8	205.9	172.5	131.5	83.3
15°	430.4	393.7	365.2	336.6	306.7	276.3	245.3	211.1	176.2	136.1	83.0
12.5°	445.1	402.9	373.4	344.2	313.2	281.8	250.2	215.6	179.4	139.2	83.4
10°	457.4	411.0	380.7	351.1	318.9	286.4	254.6	219.4	182.1	140.5	83.2
7.5°	467.6	418.0	387.0	357.3	324.2	290.9	258.6	222.6	184.7	140.6	82.5
5°	476.3	425.5	394.9	364.0	330.5	295.3	261.9	225.1	187.0	139.7	81.4
2.5°	486.2	434.7	403.6	370.0	335.9	298.9	264.5	226.7	188.9	137.7	80.0
0°	493.9	442.7	411.4	374.9	340.4	301.8	266.3	227.6	190.0	134.7	78.3
-2.5°	486.2	434.7	403.6	370.0	335.9	298.9	264.5	226.7	188.9	137.7	80.0
-5°	476.3	425.5	394.9	364.0	330.5	295.3	261.9	225.1	187.0	139.7	81.4
-7.5°	467.6	418.0	387.0	357.3	324.2	290.9	258.6	222.6	184.7	140.6	82.5
-10°	457.4	411.0	380.7	351.1	318.9	286.4	254.6	219.4	182.1	140.5	83.2
-12.5°	445.1	402.9	373.4	344.2	313.2	281.8	250.2	215.6	179.4	139.2	83.4
-15°	430.4	393.7	365.2	336.6	306.7	276.3	245.3	211.1	176.2	136.1	83.0
-17.5°	414.1	383.3	355.9	328.4	299.7	270.2	239.8	205.9	172.5	131.5	83.3
-20°	403.8	373.8	345.9	319.6	292.2	263.3	233.9	199.9	168.5	126.7	84.1



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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°	393.4	364.6	337.1	310.3	284.0	255.7	227.5	193.3	164.2	121.9	84.5
-25°	382.0	354.3	327.7	301.6	274.9	247.8	220.0	185.9	159.6	117.2	84.6
-27.5°	369.8	343.0	317.3	292.0	265.7	239.6	211.1	179.9	153.9	112.7	84.4
-30°	356.4	330.9	306.1	281.5	255.8	231.0	201.5	173.9	147.2	110.5	83.8
-32.5°	342.4	317.7	294.1	270.1	245.7	221.7	191.6	167.7	141.3	109.4	83.8
-35°	328.1	304.3	281.3	258.2	235.1	210.5	182.8	161.3	136.2	108.0	83.7
-37.5°	313.0	290.5	267.9	245.8	223.8	199.4	175.0	154.4	131.9	106.2	83.1
-40°	297.4	275.9	254.3	232.9	211.8	188.5	166.3	147.2	129.1	104.0	82.1
-42.5°	281.0	260.6	239.9	219.4	200.1	177.9	156.8	139.7	123.3	102.1	80.6
-45°	263.9	244.4	224.7	206.8	188.3	166.3	148.2	132.0	116.8	99.9	78.4
-47.5°	245.9	227.1	209.8	193.8	174.3	154.4	139.2	124.3	109.9	97.0	75.2
-50°	226.3	210.2	195.5	178.3	159.2	144.3	130.1	116.4	103.6	91.3	71.5
-52.5°	207.5	194.5	179.0	161.7	146.7	133.9	121.0	108.3	97.1	84.7	67.3
-55°	189.0	176.5	161.0	146.7	134.2	123.3	111.6	101.0	90.5	77.6	62.8
-57.5°	168.3	156.9	144.1	132.1	121.8	112.2	102.9	93.5	82.7	70.4	59.5
-60°	147.3	137.6	127.1	117.9	109.3	101.5	94.6	85.4	74.4	63.2	54.9
-62.5°	126.7	118.6	111.7	104.1	96.9	91.1	85.9	76.1	65.9	56.8	49.8
-65°	106.9	101.4	96.3	89.7	84.3	80.1	75.4	66.7	57.6	50.1	44.2
-67.5°	87.6	83.5	79.2	74.7	72.5	69.3	64.7	56.5	49.0	43.1	38.0
-70°	68.0	65.1	64.4	63.9	62.0	58.5	52.7	45.7	40.0	36.3	31.8
-72.5°	52.1	53.1	54.3	54.1	50.9	46.4	40.5	35.3	32.9	29.6	25.6
-75°	40.2	42.3	43.5	42.8	39.2	34.6	31.0	28.0	25.8	23.0	20.3
-77.5°	30.7	32.1	32.7	32.0	29.1	26.2	23.4	20.8	19.3	17.6	15.3
-80°	21.5	22.2	22.4	21.9	19.8	17.7	16.3	15.0	13.9	12.4	10.4
-82.5°	12.4	12.9	13.2	13.2	12.4	11.5	10.6	9.7	8.6	7.2	6.4
-85°	5.9	6.1	6.2	6.0	5.7	5.3	5.3	5.3	5.0	4.7	4.2
-87.5°	1.8	2.0	2.2	2.4	2.5	2.6	2.7	2.7	2.5	2.3	2.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.9	1.5	1.1	0.7	0.5	0.2	0.0
85°	3.8	2.9	2.2	1.5	0.9	0.5	0.0
82.5°	5.6	4.4	3.2	2.2	1.4	0.7	0.0
80°	7.8	5.8	4.3	3.0	1.8	0.9	0.0
77.5°	12.2	7.9	5.3	3.7	2.2	1.1	0.0
75°	16.6	11.3	6.6	4.4	2.7	1.3	0.0
72.5°	20.9	14.6	9.1	5.1	3.1	1.6	0.0
70°	25.1	17.9	11.5	6.0	3.6	1.8	0.0
67.5°	30.1	21.0	13.9	7.6	4.0	2.0	0.0
65°	34.8	24.4	16.1	9.2	4.4	2.2	0.0
62.5°	39.3	27.9	18.3	10.7	4.8	2.4	0.0
60°	43.6	31.2	20.4	12.2	5.2	2.6	0.0
57.5°	46.6	34.4	22.7	13.6	6.1	2.8	0.0
55°	49.0	37.4	25.0	14.9	7.0	3.0	0.0
52.5°	51.2	40.0	27.1	16.2	7.9	3.2	0.0
50°	52.9	41.2	29.1	17.4	8.7	3.3	0.0
47.5°	54.5	42.3	30.9	18.6	9.5	3.5	0.0
45°	57.2	43.0	32.6	19.8	10.3	3.7	0.0
42.5°	59.4	43.5	34.1	20.9	11.0	3.8	0.0
40°	61.2	43.8	34.9	22.1	11.7	4.0	0.0
37.5°	62.7	43.7	35.0	23.4	12.3	4.1	0.0
35°	63.7	44.3	34.9	24.6	12.9	4.3	0.0
32.5°	64.2	45.0	34.7	25.7	13.5	4.4	0.0
30°	64.2	45.4	34.4	26.9	14.0	4.5	0.0
27.5°	63.8	45.5	34.7	27.9	14.5	4.6	0.0
25°	63.1	45.4	35.1	29.0	14.9	4.7	0.0
22.5°	62.0	45.5	35.5	30.0	15.3	4.8	0.0
20°	60.7	46.7	35.7	30.9	15.6	4.9	0.0
17.5°	60.8	47.7	36.0	31.7	15.9	5.0	0.0
15°	61.7	48.7	36.1	32.5	16.2	5.0	0.0
12.5°	62.4	49.4	36.3	33.2	16.4	5.1	0.0
10°	63.0	50.1	36.4	33.9	16.5	5.1	0.0
7.5°	63.4	50.6	36.4	34.4	16.6	5.2	0.0
5°	63.7	50.9	36.5	34.9	16.7	5.2	0.0
2.5°	63.8	51.1	36.5	35.2	16.7	5.2	0.0
0°	63.7	51.2	36.5	35.5	16.7	5.2	0.0
-2.5°	63.8	51.1	36.5	35.2	16.7	5.2	0.0
-5°	63.7	50.9	36.5	34.9	16.7	5.2	0.0
-7.5°	63.4	50.6	36.4	34.4	16.6	5.2	0.0
-10°	63.0	50.1	36.4	33.9	16.5	5.1	0.0
-12.5°	62.4	49.4	36.3	33.2	16.4	5.1	0.0
-15°	61.7	48.7	36.1	32.5	16.2	5.0	0.0
-17.5°	60.8	47.7	36.0	31.7	15.9	5.0	0.0
-20°	60.7	46.7	35.7	30.9	15.6	4.9	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	62.0	45.5	35.5	30.0	15.3	4.8	0.0
-25°	63.1	45.4	35.1	29.0	14.9	4.7	0.0
-27.5°	63.8	45.5	34.7	27.9	14.5	4.6	0.0
-30°	64.2	45.4	34.4	26.9	14.0	4.5	0.0
-32.5°	64.2	45.0	34.7	25.7	13.5	4.4	0.0
-35°	63.7	44.3	34.9	24.6	12.9	4.3	0.0
-37.5°	62.7	43.7	35.0	23.4	12.3	4.1	0.0
-40°	61.2	43.8	34.9	22.1	11.7	4.0	0.0
-42.5°	59.4	43.5	34.1	20.9	11.0	3.8	0.0
-45°	57.2	43.0	32.6	19.8	10.3	3.7	0.0
-47.5°	54.5	42.3	30.9	18.6	9.5	3.5	0.0
-50°	52.9	41.2	29.1	17.4	8.7	3.3	0.0
-52.5°	51.2	40.0	27.1	16.2	7.9	3.2	0.0
-55°	49.0	37.4	25.0	14.9	7.0	3.0	0.0
-57.5°	46.6	34.4	22.7	13.6	6.1	2.8	0.0
-60°	43.6	31.2	20.4	12.2	5.2	2.6	0.0
-62.5°	39.3	27.9	18.3	10.7	4.8	2.4	0.0
-65°	34.8	24.4	16.1	9.2	4.4	2.2	0.0
-67.5°	30.1	21.0	13.9	7.6	4.0	2.0	0.0
-70°	25.1	17.9	11.5	6.0	3.6	1.8	0.0
-72.5°	20.9	14.6	9.1	5.1	3.1	1.6	0.0
-75°	16.6	11.3	6.6	4.4	2.7	1.3	0.0
-77.5°	12.2	7.9	5.3	3.7	2.2	1.1	0.0
-80°	7.8	5.8	4.3	3.0	1.8	0.9	0.0
-82.5°	5.6	4.4	3.2	2.2	1.4	0.7	0.0
-85°	3.8	2.9	2.2	1.5	0.9	0.5	0.0
-87.5°	1.9	1.5	1.1	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)