

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: P558992 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4E-935-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558992 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA4E-935-U-TS-XX
Description: GALLEON FLOOD, FOUR LIGHT SQUARE, TIGHT SPOT N2
Light Source: (64) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

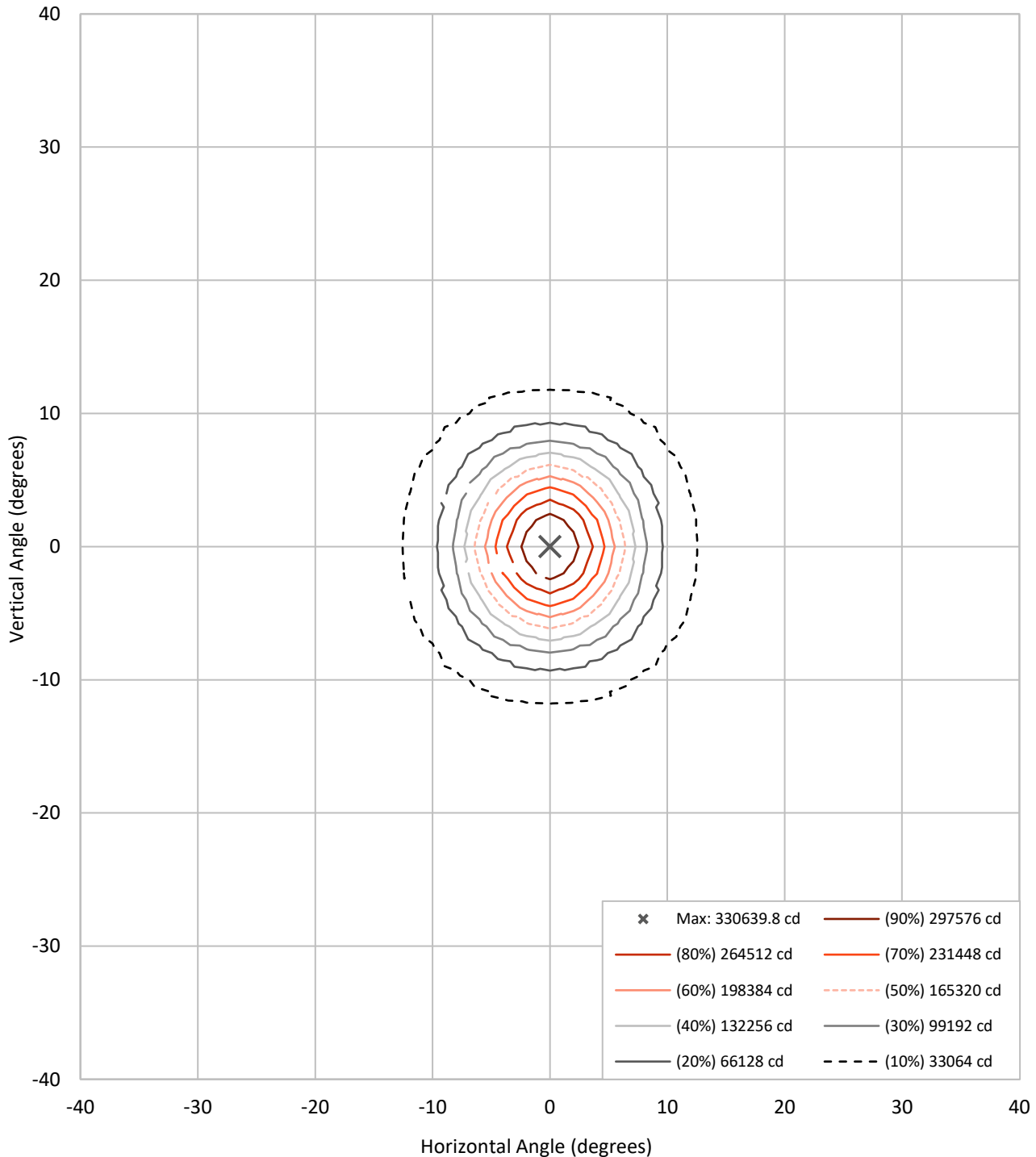
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	23967 lumens	Max Intensity:	330639.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	95.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	7573.2 lumens	Field Lumens:	16777.2 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 250
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





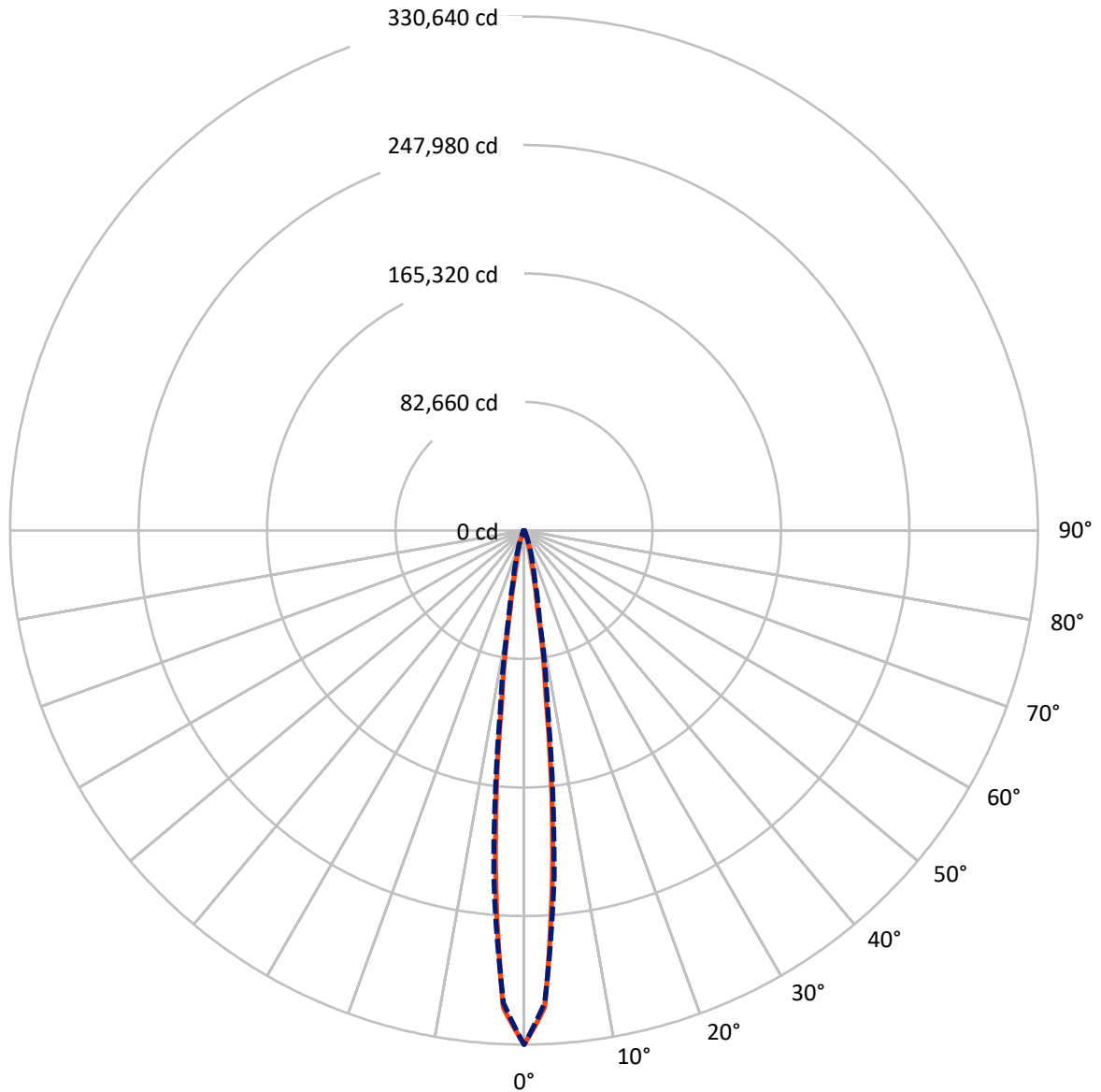
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Lumen Table

90	0.3	2.8		7.7		12.4		14.3		12.4		7.7		2.8		0.3			
80	0.3	2.8		7.7		12.4		14.3		12.4		7.7		2.8		0.3			
70	1.3	1.5	3.1	5.1	7.0	8.6	9.8	10.5	10.5	9.8	8.6	7.0	5.1	3.1	1.5	1.3			
60		2.3	4.6	7.0	9.1	10.7	11.8	12.2	12.2	11.8	10.7	9.1	7.0	4.6	2.3				
50	2.3	3.0	5.7	8.1	10.2	11.9	13.4	14.0	14.0	13.4	11.9	10.2	8.1	5.7	3.0	2.3			
40		3.6	6.4	8.8	11.3	14.6	18.3	20.6	20.6	18.3	14.6	11.3	8.8	6.4	3.6				
30	3.1	4.0	6.7	9.4	13.3	20.7	46.0	83.6	83.6	46.0	20.7	13.3	9.4	6.7	4.0	3.1			
20		4.2	6.9	9.9	15.8	44.5	251.3	552.9	552.9	251.3	44.5	15.8	9.9	6.9	4.2				
10	3.4	4.3	7.0	10.2	17.5	85.4	603.3	3902.8	3902.8	603.3	85.4	17.5	10.2	7.0	4.3	3.4			
0		4.3	7.0	10.2	17.5	85.4	603.3	3902.8	3902.8	603.3	85.4	17.5	10.2	7.0	4.3				
-10	3.1	4.2	6.9	9.9	15.8	44.5	251.3	552.9	552.9	251.3	44.5	15.8	9.9	6.9	4.2	3.1			
-20		4.0	6.7	9.4	13.3	20.7	46.0	83.6	83.6	46.0	20.7	13.3	9.4	6.7	4.0				
-30	2.3	3.6	6.4	8.8	11.3	14.6	18.3	20.6	20.6	18.3	14.6	11.3	8.8	6.4	3.6	2.3			
-40		3.0	5.7	8.1	10.2	11.9	13.4	14.0	14.0	13.4	11.9	10.2	8.1	5.7	3.0				
-50	1.3	2.3	4.6	7.0	9.1	10.7	11.8	12.2	12.2	11.8	10.7	9.1	7.0	4.6	2.3	1.3			
-60		1.5	3.1	5.1	7.0	8.6	9.8	10.5	10.5	9.8	8.6	7.0	5.1	3.1	1.5				
-70	0.3	2.8		7.7		12.4		14.3		12.4		7.7		2.8		0.3			
-80		2.8		7.7		12.4		14.3		12.4		7.7		2.8					
-90	0.3	2.8		7.7		12.4		14.3		12.4		7.7		2.8		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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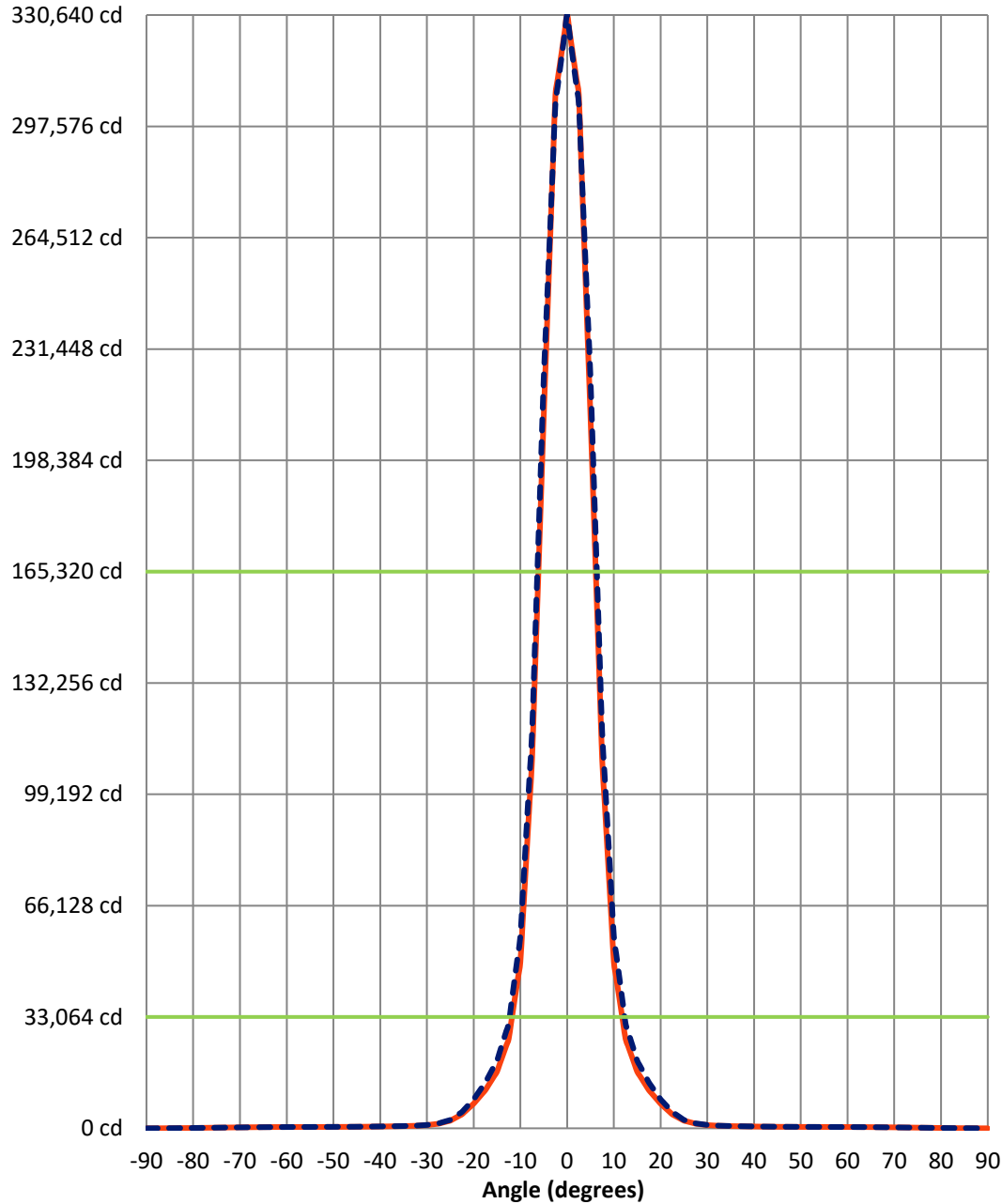
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 12.7°
 V Angle: 12.3°
 Lumens: 7573.2
 Efficiency: 31.6%

Field:
 H Angle: 24.6°
 V Angle: 23.6°
 Lumens: 16777.2
 Efficiency: 70.0%

Spill:
 Lumens: 7189.8
 Efficiency: 30.0%

— 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	0.8	1.6	2.3	2.9	3.5	4.0	4.7	5.3	6.0	6.6
85°	0.0	1.6	3.1	4.5	5.8	7.0	8.1	9.4	10.7	11.9	13.2
82.5°	0.0	2.3	4.6	6.7	8.7	10.5	12.1	14.0	16.1	19.1	22.1
80°	0.0	3.1	6.2	9.0	11.6	13.9	16.3	20.1	24.0	28.1	32.3
77.5°	0.0	3.9	7.7	11.2	14.4	17.9	22.0	26.8	31.8	37.0	42.6
75°	0.0	4.6	9.2	13.4	17.4	22.6	27.6	33.4	39.7	46.9	53.7
72.5°	0.0	5.4	10.7	15.6	21.2	27.2	33.2	40.4	48.9	57.0	64.7
70°	0.0	6.1	12.2	17.9	24.9	31.8	38.9	48.5	58.0	67.1	79.6
67.5°	0.0	6.8	13.6	20.6	28.5	36.4	45.9	56.6	67.1	80.9	95.2
65°	0.0	7.5	15.0	23.3	32.1	41.4	52.8	64.5	78.8	94.3	110.8
62.5°	0.0	8.2	16.4	25.9	35.6	47.0	59.5	73.7	90.2	107.7	126.9
60°	0.0	8.9	17.8	28.5	39.1	52.4	66.1	83.2	101.2	121.9	142.7
57.5°	0.0	9.6	19.4	31.1	43.2	57.6	73.8	92.4	113.3	135.8	158.7
55°	0.0	10.2	21.1	33.5	47.2	62.7	81.6	101.4	125.3	149.5	174.5
52.5°	0.0	10.8	22.6	35.9	51.1	67.8	89.1	111.6	137.0	163.4	190.0
50°	0.0	11.4	24.1	38.3	54.9	73.9	96.4	121.6	148.5	176.8	205.2
47.5°	0.0	12.0	25.6	40.6	58.5	79.7	103.6	131.2	160.0	189.8	220.1
45°	0.0	12.6	27.0	43.2	61.9	85.4	111.4	140.4	171.2	202.8	234.6
42.5°	0.0	13.1	28.4	45.7	65.2	90.8	118.9	149.5	181.9	215.3	247.0
40°	0.0	13.6	29.6	48.0	68.9	95.9	126.0	158.5	192.3	227.4	258.6
37.5°	0.0	14.1	30.9	50.1	72.8	100.8	132.8	167.0	202.4	238.3	269.6
35°	0.0	14.6	32.0	52.1	76.5	105.8	139.1	175.0	211.9	247.5	279.6
32.5°	0.0	15.0	33.1	54.0	79.9	110.8	145.1	182.5	220.7	256.1	288.1
30°	0.0	15.4	34.1	55.7	83.2	115.4	151.1	189.6	228.9	264.2	296.1
27.5°	0.0	15.8	35.0	57.3	86.1	119.6	156.7	196.2	236.1	271.6	303.5
25°	0.0	16.1	35.9	58.7	88.8	123.5	161.8	202.3	242.1	277.9	310.2
22.5°	0.0	16.4	36.7	60.0	91.3	127.0	166.4	207.7	247.6	283.4	315.2
20°	0.0	16.7	37.4	61.1	93.6	130.2	170.6	212.6	252.4	288.3	319.9
17.5°	0.0	17.0	38.0	62.0	95.6	133.1	174.4	216.8	256.7	292.5	324.0
15°	0.0	17.2	38.6	62.9	97.4	135.6	177.7	220.5	260.4	296.2	327.6
12.5°	0.0	17.4	39.0	63.5	98.9	137.7	180.5	223.5	263.5	299.3	330.7
10°	0.0	17.5	39.4	64.0	100.1	139.4	182.9	225.9	265.9	301.7	333.1
7.5°	0.0	17.6	39.7	64.4	101.1	140.8	184.7	227.7	267.7	303.4	334.8
5°	0.0	17.7	39.9	64.6	101.8	141.7	186.0	228.8	268.9	304.6	335.9
2.5°	0.0	17.8	40.1	64.7	102.3	142.3	186.7	229.4	269.4	305.1	336.3
0°	0.0	17.8	40.1	64.6	102.4	142.5	187.0	229.3	269.3	304.9	336.1
-2.5°	0.0	17.8	40.1	64.7	102.3	142.3	186.7	229.4	269.4	305.1	336.3
-5°	0.0	17.7	39.9	64.6	101.8	141.7	186.0	228.8	268.9	304.6	335.9
-7.5°	0.0	17.6	39.7	64.4	101.1	140.8	184.7	227.7	267.7	303.4	334.8
-10°	0.0	17.5	39.4	64.0	100.1	139.4	182.9	225.9	265.9	301.7	333.1
-12.5°	0.0	17.4	39.0	63.5	98.9	137.7	180.5	223.5	263.5	299.3	330.7
-15°	0.0	17.2	38.6	62.9	97.4	135.6	177.7	220.5	260.4	296.2	327.6
-17.5°	0.0	17.0	38.0	62.0	95.6	133.1	174.4	216.8	256.7	292.5	324.0
-20°	0.0	16.7	37.4	61.1	93.6	130.2	170.6	212.6	252.4	288.3	319.9



REPORT NUMBER: P558992 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	16.4	36.7	60.0	91.3	127.0	166.4	207.7	247.6	283.4	315.2
-25°	0.0	16.1	35.9	58.7	88.8	123.5	161.8	202.3	242.1	277.9	310.2
-27.5°	0.0	15.8	35.0	57.3	86.1	119.6	156.7	196.2	236.1	271.6	303.5
-30°	0.0	15.4	34.1	55.7	83.2	115.4	151.1	189.6	228.9	264.2	296.1
-32.5°	0.0	15.0	33.1	54.0	79.9	110.8	145.1	182.5	220.7	256.1	288.1
-35°	0.0	14.6	32.0	52.1	76.5	105.8	139.1	175.0	211.9	247.5	279.6
-37.5°	0.0	14.1	30.9	50.1	72.8	100.8	132.8	167.0	202.4	238.3	269.6
-40°	0.0	13.6	29.6	48.0	68.9	95.9	126.0	158.5	192.3	227.4	258.6
-42.5°	0.0	13.1	28.4	45.7	65.2	90.8	118.9	149.5	181.9	215.3	247.0
-45°	0.0	12.6	27.0	43.2	61.9	85.4	111.4	140.4	171.2	202.8	234.6
-47.5°	0.0	12.0	25.6	40.6	58.5	79.7	103.6	131.2	160.0	189.8	220.1
-50°	0.0	11.4	24.1	38.3	54.9	73.9	96.4	121.6	148.5	176.8	205.2
-52.5°	0.0	10.8	22.6	35.9	51.1	67.8	89.1	111.6	137.0	163.4	190.0
-55°	0.0	10.2	21.1	33.5	47.2	62.7	81.6	101.4	125.3	149.5	174.5
-57.5°	0.0	9.6	19.4	31.1	43.2	57.6	73.8	92.4	113.3	135.8	158.7
-60°	0.0	8.9	17.8	28.5	39.1	52.4	66.1	83.2	101.2	121.9	142.7
-62.5°	0.0	8.2	16.4	25.9	35.6	47.0	59.5	73.7	90.2	107.7	126.9
-65°	0.0	7.5	15.0	23.3	32.1	41.4	52.8	64.5	78.8	94.3	110.8
-67.5°	0.0	6.8	13.6	20.6	28.5	36.4	45.9	56.6	67.1	80.9	95.2
-70°	0.0	6.1	12.2	17.9	24.9	31.8	38.9	48.5	58.0	67.1	79.6
-72.5°	0.0	5.4	10.7	15.6	21.2	27.2	33.2	40.4	48.9	57.0	64.7
-75°	0.0	4.6	9.2	13.4	17.4	22.6	27.6	33.4	39.7	46.9	53.7
-77.5°	0.0	3.9	7.7	11.2	14.4	17.9	22.0	26.8	31.8	37.0	42.6
-80°	0.0	3.1	6.2	9.0	11.6	13.9	16.3	20.1	24.0	28.1	32.3
-82.5°	0.0	2.3	4.6	6.7	8.7	10.5	12.1	14.0	16.1	19.1	22.1
-85°	0.0	1.6	3.1	4.5	5.8	7.0	8.1	9.4	10.7	11.9	13.2
-87.5°	0.0	0.8	1.6	2.3	2.9	3.5	4.0	4.7	5.3	6.0	6.6
-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):

	-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°	7.2	7.8	8.4	8.9	9.5	10.0	10.5	11.0	11.5	11.9	12.4
85°	14.4	15.6	17.2	18.5	19.8	21.0	22.0	23.0	24.3	25.6	27.0
82.5°	24.6	26.7	28.5	30.0	31.7	33.1	34.8	37.4	40.8	44.0	47.0
80°	35.4	37.8	41.4	45.3	49.4	53.4	57.3	60.9	64.9	69.2	73.7
77.5°	47.5	52.5	58.0	64.0	69.8	76.4	83.2	90.0	96.2	101.6	106.4
75°	60.1	67.0	76.2	85.4	94.2	102.9	111.7	120.4	127.8	134.8	141.8
72.5°	74.8	86.0	97.0	107.7	119.1	129.9	140.2	149.8	159.4	168.9	177.9
70°	92.4	105.1	118.4	131.9	145.0	157.1	169.0	181.1	192.9	203.6	213.2
67.5°	110.0	125.2	140.5	155.7	170.1	183.9	197.9	211.8	225.0	236.2	246.2
65°	128.1	145.1	162.2	178.7	194.3	210.5	226.3	241.6	254.0	264.4	274.5
62.5°	145.8	165.0	183.6	201.6	219.3	237.0	252.2	266.0	278.9	290.1	300.9
60°	163.9	184.8	204.9	224.7	243.5	259.6	275.2	289.0	301.9	314.2	323.4
57.5°	181.8	204.3	226.1	246.4	264.3	281.0	296.0	310.5	321.7	331.5	341.6
55°	199.3	223.4	245.9	265.9	284.0	300.0	315.2	327.3	338.5	347.8	357.6
52.5°	216.4	241.6	263.8	284.0	301.6	317.4	330.7	342.7	353.2	362.8	370.7
50°	233.2	257.9	280.9	300.0	317.5	332.3	344.9	356.4	366.6	375.3	382.5
47.5°	248.1	273.7	295.4	315.0	331.6	345.6	357.7	368.8	378.8	386.5	393.7
45°	262.0	287.2	309.3	328.0	344.2	357.4	369.2	380.5	388.9	396.5	402.1
42.5°	275.4	299.7	321.3	340.7	354.9	367.7	379.6	389.5	398.1	404.8	410.7
40°	286.7	311.8	332.5	350.1	364.7	376.9	387.9	397.8	406.3	412.8	419.3
37.5°	297.4	321.7	342.7	359.0	372.6	384.7	395.6	404.9	413.2	420.2	428.9
35°	307.7	331.1	350.5	366.4	379.7	391.7	402.1	411.5	419.7	429.3	439.4
32.5°	316.5	339.9	357.9	372.4	385.6	397.8	408.2	417.7	427.2	438.1	450.5
30°	323.9	346.5	364.3	377.9	391.1	402.5	413.7	424.0	434.5	447.4	463.7
27.5°	330.6	352.4	368.9	382.7	395.9	406.7	418.3	430.0	442.3	457.3	477.9
25°	336.9	357.8	373.0	387.0	399.3	410.5	422.6	434.6	449.9	469.8	496.6
22.5°	342.1	362.9	376.7	390.9	402.2	414.0	426.4	439.8	457.1	481.2	516.4
20°	346.1	365.9	379.7	393.8	404.5	417.1	429.7	444.3	465.0	496.4	537.1
17.5°	349.8	368.5	382.3	395.6	406.8	419.7	432.7	448.0	471.5	510.7	556.2
15°	353.1	370.6	384.4	397.0	408.9	421.7	435.4	452.8	480.2	524.4	573.5
12.5°	356.0	372.3	386.0	398.1	410.5	423.1	437.6	456.9	489.5	537.2	590.6
10°	358.4	373.6	387.1	398.8	411.6	423.9	439.4	459.7	496.0	544.4	600.8
7.5°	359.8	374.7	387.8	399.3	412.3	424.1	440.7	461.0	500.1	548.3	606.2
5°	360.6	375.5	388.8	400.0	413.1	424.6	441.8	461.3	501.8	549.0	608.3
2.5°	360.9	376.0	389.3	400.5	413.8	426.2	443.8	463.7	503.3	551.6	609.7
0°	360.6	376.2	389.5	400.7	414.0	427.4	445.2	465.2	503.1	554.2	609.9
-2.5°	360.9	376.0	389.3	400.5	413.8	426.2	443.8	463.7	503.3	551.6	609.7
-5°	360.6	375.5	388.8	400.0	413.1	424.6	441.8	461.3	501.8	549.0	608.3
-7.5°	359.8	374.7	387.8	399.3	412.3	424.1	440.7	461.0	500.1	548.3	606.2
-10°	358.4	373.6	387.1	398.8	411.6	423.9	439.4	459.7	496.0	544.4	600.8
-12.5°	356.0	372.3	386.0	398.1	410.5	423.1	437.6	456.9	489.5	537.2	590.6
-15°	353.1	370.6	384.4	397.0	408.9	421.7	435.4	452.8	480.2	524.4	573.5
-17.5°	349.8	368.5	382.3	395.6	406.8	419.7	432.7	448.0	471.5	510.7	556.2
-20°	346.1	365.9	379.7	393.8	404.5	417.1	429.7	444.3	465.0	496.4	537.1



REPORT NUMBER: P558992 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	342.1	362.9	376.7	390.9	402.2	414.0	426.4	439.8	457.1	481.2	516.4
-25°	336.9	357.8	373.0	387.0	399.3	410.5	422.6	434.6	449.9	469.8	496.6
-27.5°	330.6	352.4	368.9	382.7	395.9	406.7	418.3	430.0	442.3	457.3	477.9
-30°	323.9	346.5	364.3	377.9	391.1	402.5	413.7	424.0	434.5	447.4	463.7
-32.5°	316.5	339.9	357.9	372.4	385.6	397.8	408.2	417.7	427.2	438.1	450.5
-35°	307.7	331.1	350.5	366.4	379.7	391.7	402.1	411.5	419.7	429.3	439.4
-37.5°	297.4	321.7	342.7	359.0	372.6	384.7	395.6	404.9	413.2	420.2	428.9
-40°	286.7	311.8	332.5	350.1	364.7	376.9	387.9	397.8	406.3	412.8	419.3
-42.5°	275.4	299.7	321.3	340.7	354.9	367.7	379.6	389.5	398.1	404.8	410.7
-45°	262.0	287.2	309.3	328.0	344.2	357.4	369.2	380.5	388.9	396.5	402.1
-47.5°	248.1	273.7	295.4	315.0	331.6	345.6	357.7	368.8	378.8	386.5	393.7
-50°	233.2	257.9	280.9	300.0	317.5	332.3	344.9	356.4	366.6	375.3	382.5
-52.5°	216.4	241.6	263.8	284.0	301.6	317.4	330.7	342.7	353.2	362.8	370.7
-55°	199.3	223.4	245.9	265.9	284.0	300.0	315.2	327.3	338.5	347.8	357.6
-57.5°	181.8	204.3	226.1	246.4	264.3	281.0	296.0	310.5	321.7	331.5	341.6
-60°	163.9	184.8	204.9	224.7	243.5	259.6	275.2	289.0	301.9	314.2	323.4
-62.5°	145.8	165.0	183.6	201.6	219.3	237.0	252.2	266.0	278.9	290.1	300.9
-65°	128.1	145.1	162.2	178.7	194.3	210.5	226.3	241.6	254.0	264.4	274.5
-67.5°	110.0	125.2	140.5	155.7	170.1	183.9	197.9	211.8	225.0	236.2	246.2
-70°	92.4	105.1	118.4	131.9	145.0	157.1	169.0	181.1	192.9	203.6	213.2
-72.5°	74.8	86.0	97.0	107.7	119.1	129.9	140.2	149.8	159.4	168.9	177.9
-75°	60.1	67.0	76.2	85.4	94.2	102.9	111.7	120.4	127.8	134.8	141.8
-77.5°	47.5	52.5	58.0	64.0	69.8	76.4	83.2	90.0	96.2	101.6	106.4
-80°	35.4	37.8	41.4	45.3	49.4	53.4	57.3	60.9	64.9	69.2	73.7
-82.5°	24.6	26.7	28.5	30.0	31.7	33.1	34.8	37.4	40.8	44.0	47.0
-85°	14.4	15.6	17.2	18.5	19.8	21.0	22.0	23.0	24.3	25.6	27.0
-87.5°	7.2	7.8	8.4	8.9	9.5	10.0	10.5	11.0	11.5	11.9	12.4
-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: P558992 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-935-U-TS-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°	12.8	12.7	12.6	12.4	12.1	12.4	12.6	12.8	12.9	13.1	13.2
85°	28.3	29.5	30.7	32.0	33.2	34.1	34.9	35.5	36.1	36.6	37.1
82.5°	49.8	52.3	54.6	56.7	58.6	60.1	61.5	62.8	63.8	64.7	65.5
80°	77.7	81.5	85.2	88.6	91.7	94.2	96.3	98.0	99.4	101.0	102.3
77.5°	111.0	116.4	121.5	126.2	130.3	133.7	136.7	139.3	141.5	144.2	146.7
75°	148.8	155.3	161.1	166.6	171.5	175.9	179.9	183.3	186.2	189.2	191.6
72.5°	186.5	194.3	201.1	206.8	212.1	217.2	222.1	226.8	231.0	234.3	236.6
70°	222.0	230.0	237.3	243.9	250.0	256.3	262.8	268.7	274.1	277.6	279.7
67.5°	254.6	262.8	271.0	279.2	286.5	293.1	299.6	305.5	310.8	314.4	316.6
65°	284.1	293.0	302.0	310.3	318.0	323.7	329.6	335.1	340.3	344.5	347.6
62.5°	311.5	320.4	328.0	335.0	341.6	347.2	353.0	358.1	362.6	366.6	370.3
60°	332.5	341.6	348.9	355.5	361.6	367.3	371.8	375.6	378.7	381.1	383.5
57.5°	350.6	359.2	366.6	372.1	377.5	382.9	386.8	389.2	391.0	392.4	393.4
55°	366.1	373.0	379.2	385.2	390.6	395.3	398.7	400.3	401.3	401.8	402.3
52.5°	378.6	385.3	391.7	397.4	401.6	405.5	409.0	409.9	410.4	410.6	410.7
50°	390.0	396.6	401.6	406.4	410.8	414.4	417.3	418.6	419.4	419.5	419.1
47.5°	399.2	404.8	410.5	415.4	419.8	423.9	427.2	429.1	430.5	431.1	431.0
45°	407.3	414.0	419.9	425.7	430.7	436.1	440.7	443.8	446.9	449.0	450.0
42.5°	416.9	423.5	430.1	438.0	445.4	452.3	459.9	466.6	473.5	480.8	485.9
40°	426.6	433.8	443.9	453.5	464.2	474.0	489.9	505.8	517.9	528.2	537.4
37.5°	437.7	448.2	460.3	472.6	490.3	508.4	528.5	548.2	565.4	580.8	593.4
35°	450.5	464.6	479.4	501.4	523.7	546.2	570.2	596.4	618.6	634.9	646.6
32.5°	466.1	483.8	507.7	535.8	563.2	592.3	621.3	650.5	672.4	695.0	717.8
30°	483.4	509.0	539.8	574.0	608.2	643.0	679.4	720.0	758.5	799.9	859.2
27.5°	505.5	536.7	572.9	613.3	654.6	696.0	759.5	829.0	932.3	1014.8	1154.8
25°	529.1	565.6	608.8	655.6	706.0	780.2	896.4	1033.7	1277.0	1465.7	1751.9
22.5°	555.4	598.4	646.1	699.8	781.1	921.1	1119.8	1472.4	1963.0	2447.5	2986.3
20°	581.3	628.9	681.1	762.5	900.6	1122.1	1552.3	2314.6	3166.0	4378.2	5395.6
17.5°	606.0	656.5	722.7	832.8	1039.6	1484.9	2318.3	3624.0	5402.3	7356.3	8985.7
15°	627.5	679.1	768.4	942.8	1292.1	1985.7	3244.2	5466.4	8454.1	11129.5	13515.6
12.5°	645.8	706.9	817.9	1031.5	1511.3	2538.0	4556.8	7712.3	11360.8	15112.8	18132.5
10°	659.0	736.4	884.1	1195.7	1859.8	3195.4	5650.8	9631.1	14024.1	18584.4	24043.4
7.5°	667.0	757.5	934.2	1317.7	2170.5	3927.3	7023.1	11344.4	16389.1	22614.4	30954.9
5°	672.8	771.7	971.4	1409.5	2378.1	4411.1	7889.6	12642.4	18429.8	27431.1	44596.5
2.5°	675.5	778.0	992.5	1459.8	2472.8	4659.9	8499.4	13385.7	19671.3	30828.9	54046.6
0°	674.4	774.6	995.0	1471.3	2486.3	4850.2	8600.8	13597.9	20090.8	31133.5	57076.2
-2.5°	675.5	778.0	992.5	1459.8	2472.8	4659.9	8499.4	13385.7	19671.3	30828.9	54046.6
-5°	672.8	771.7	971.4	1409.5	2378.1	4411.1	7889.6	12642.4	18429.8	27431.1	44596.5
-7.5°	667.0	757.5	934.2	1317.7	2170.5	3927.3	7023.1	11344.4	16389.1	22614.4	30954.9
-10°	659.0	736.4	884.1	1195.7	1859.8	3195.4	5650.8	9631.1	14024.1	18584.4	24043.4
-12.5°	645.8	706.9	817.9	1031.5	1511.3	2538.0	4556.8	7712.3	11360.8	15112.8	18132.5
-15°	627.5	679.1	768.4	942.8	1292.1	1985.7	3244.2	5466.4	8454.1	11129.5	13515.6
-17.5°	606.0	656.5	722.7	832.8	1039.6	1484.9	2318.3	3624.0	5402.3	7356.3	8985.7
-20°	581.3	628.9	681.1	762.5	900.6	1122.1	1552.3	2314.6	3166.0	4378.2	5395.6



REPORT NUMBER: P558992 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	555.4	598.4	646.1	699.8	781.1	921.1	1119.8	1472.4	1963.0	2447.5	2986.3
-25°	529.1	565.6	608.8	655.6	706.0	780.2	896.4	1033.7	1277.0	1465.7	1751.9
-27.5°	505.5	536.7	572.9	613.3	654.6	696.0	759.5	829.0	932.3	1014.8	1154.8
-30°	483.4	509.0	539.8	574.0	608.2	643.0	679.4	720.0	758.5	799.9	859.2
-32.5°	466.1	483.8	507.7	535.8	563.2	592.3	621.3	650.5	672.4	695.0	717.8
-35°	450.5	464.6	479.4	501.4	523.7	546.2	570.2	596.4	618.6	634.9	646.6
-37.5°	437.7	448.2	460.3	472.6	490.3	508.4	528.5	548.2	565.4	580.8	593.4
-40°	426.6	433.8	443.9	453.5	464.2	474.0	489.9	505.8	517.9	528.2	537.4
-42.5°	416.9	423.5	430.1	438.0	445.4	452.3	459.9	466.6	473.5	480.8	485.9
-45°	407.3	414.0	419.9	425.7	430.7	436.1	440.7	443.8	446.9	449.0	450.0
-47.5°	399.2	404.8	410.5	415.4	419.8	423.9	427.2	429.1	430.5	431.1	431.0
-50°	390.0	396.6	401.6	406.4	410.8	414.4	417.3	418.6	419.4	419.5	419.1
-52.5°	378.6	385.3	391.7	397.4	401.6	405.5	409.0	409.9	410.4	410.6	410.7
-55°	366.1	373.0	379.2	385.2	390.6	395.3	398.7	400.3	401.3	401.8	402.3
-57.5°	350.6	359.2	366.6	372.1	377.5	382.9	386.8	389.2	391.0	392.4	393.4
-60°	332.5	341.6	348.9	355.5	361.6	367.3	371.8	375.6	378.7	381.1	383.5
-62.5°	311.5	320.4	328.0	335.0	341.6	347.2	353.0	358.1	362.6	366.6	370.3
-65°	284.1	293.0	302.0	310.3	318.0	323.7	329.6	335.1	340.3	344.5	347.6
-67.5°	254.6	262.8	271.0	279.2	286.5	293.1	299.6	305.5	310.8	314.4	316.6
-70°	222.0	230.0	237.3	243.9	250.0	256.3	262.8	268.7	274.1	277.6	279.7
-72.5°	186.5	194.3	201.1	206.8	212.1	217.2	222.1	226.8	231.0	234.3	236.6
-75°	148.8	155.3	161.1	166.6	171.5	175.9	179.9	183.3	186.2	189.2	191.6
-77.5°	111.0	116.4	121.5	126.2	130.3	133.7	136.7	139.3	141.5	144.2	146.7
-80°	77.7	81.5	85.2	88.6	91.7	94.2	96.3	98.0	99.4	101.0	102.3
-82.5°	49.8	52.3	54.6	56.7	58.6	60.1	61.5	62.8	63.8	64.7	65.5
-85°	28.3	29.5	30.7	32.0	33.2	34.1	34.9	35.5	36.1	36.6	37.1
-87.5°	12.8	12.7	12.6	12.4	12.1	12.4	12.6	12.8	12.9	13.1	13.2
-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: P558992 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-935-U-TS-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°	13.3	13.3	13.4	13.4	13.4	13.3	13.3	13.2	13.1	12.9	12.8
85°	37.4	37.6	37.8	37.8	37.8	37.6	37.4	37.1	36.6	36.1	35.5
82.5°	66.1	66.5	66.7	66.8	66.7	66.5	66.1	65.5	64.7	63.8	62.8
80°	103.3	104.0	104.5	104.6	104.5	104.0	103.3	102.3	101.0	99.4	98.0
77.5°	148.8	150.5	151.2	151.4	151.2	150.5	148.8	146.7	144.2	141.5	139.3
75°	193.5	194.9	195.6	195.9	195.6	194.9	193.5	191.6	189.2	186.2	183.3
72.5°	238.2	239.2	241.1	242.6	241.1	239.2	238.2	236.6	234.3	231.0	226.8
70°	280.9	281.5	283.4	284.9	283.4	281.5	280.9	279.7	277.6	274.1	268.7
67.5°	318.2	319.2	319.2	318.3	319.2	319.2	318.2	316.6	314.4	310.8	305.5
65°	350.3	352.4	352.6	351.7	352.6	352.4	350.3	347.6	344.5	340.3	335.1
62.5°	373.8	376.9	378.1	378.4	378.1	376.9	373.8	370.3	366.6	362.6	358.1
60°	385.3	386.7	387.2	387.3	387.2	386.7	385.3	383.5	381.1	378.7	375.6
57.5°	393.8	393.8	393.9	394.0	393.9	393.8	393.8	393.4	392.4	391.0	389.2
55°	402.6	402.6	401.9	400.7	401.9	402.6	402.6	402.3	401.8	401.3	400.3
52.5°	410.4	409.7	408.6	407.3	408.6	409.7	410.4	410.7	410.6	410.4	409.9
50°	418.1	416.7	416.1	416.2	416.1	416.7	418.1	419.1	419.5	419.4	418.6
47.5°	430.6	429.7	429.3	429.6	429.3	429.7	430.6	431.0	431.1	430.5	429.1
45°	450.4	449.6	449.2	449.6	449.2	449.6	450.4	450.0	449.0	446.9	443.8
42.5°	488.7	489.0	488.7	489.7	488.7	489.0	488.7	485.9	480.8	473.5	466.6
40°	541.1	540.9	539.1	538.7	539.1	540.9	541.1	537.4	528.2	517.9	505.8
37.5°	598.5	598.6	596.7	596.5	596.7	598.6	598.5	593.4	580.8	565.4	548.2
35°	652.6	654.7	654.2	652.2	654.2	654.7	652.6	646.6	634.9	618.6	596.4
32.5°	733.9	746.4	752.9	750.1	752.9	746.4	733.9	717.8	695.0	672.4	650.5
30°	896.4	928.4	945.3	952.7	945.3	928.4	896.4	859.2	799.9	758.5	720.0
27.5°	1255.0	1325.7	1357.5	1368.9	1357.5	1325.7	1255.0	1154.8	1014.8	932.3	829.0
25°	2002.0	2161.8	2240.6	2266.0	2240.6	2161.8	2002.0	1751.9	1465.7	1277.0	1033.7
22.5°	3579.8	3887.5	4098.0	4144.6	4098.0	3887.5	3579.8	2986.3	2447.5	1963.0	1472.4
20°	6418.5	7013.7	7336.7	7307.6	7336.7	7013.7	6418.5	5395.6	4378.2	3166.0	2314.6
17.5°	10370.8	11134.0	11497.4	11327.5	11497.4	11134.0	10370.8	8985.7	7356.3	5402.3	3624.0
15°	15203.2	16234.3	16684.1	16823.2	16684.1	16234.3	15203.2	13515.6	11129.5	8454.1	5466.4
12.5°	21147.0	24527.4	26143.9	26577.1	26143.9	24527.4	21147.0	18132.5	15112.8	11360.8	7712.3
10°	29627.1	40990.0	47748.8	49399.1	47748.8	40990.0	29627.1	24043.4	18584.4	14024.1	9631.1
7.5°	48383.6	71473.9	97340.4	109589.3	97340.4	71473.9	48383.6	30954.9	22614.4	16389.1	11344.4
5°	73784.7	128059.4	187948.3	211425.8	187948.3	128059.4	73784.7	44596.5	27431.1	18429.8	12642.4
2.5°	104664.3	193360.0	276111.7	306959.8	276111.7	193360.0	104664.3	54046.6	30828.9	19671.3	13385.7
0°	117710.5	222922.5	304215.2	330639.8	304215.2	222922.5	117710.5	57076.2	31133.5	20090.8	13597.9
-2.5°	104664.3	193360.0	276111.7	306959.7	276111.7	193360.0	104664.3	54046.6	30828.9	19671.3	13385.7
-5°	73784.7	128059.4	187948.3	211425.8	187948.3	128059.4	73784.7	44596.5	27431.1	18429.8	12642.4
-7.5°	48383.6	71473.9	97340.4	109589.3	97340.4	71473.9	48383.6	30954.9	22614.4	16389.1	11344.4
-10°	29627.1	40990.0	47748.8	49399.1	47748.8	40990.0	29627.1	24043.4	18584.4	14024.1	9631.1
-12.5°	21147.0	24527.4	26143.9	26577.1	26143.9	24527.4	21147.0	18132.5	15112.8	11360.8	7712.3
-15°	15203.2	16234.3	16684.1	16823.2	16684.1	16234.3	15203.2	13515.6	11129.5	8454.1	5466.4
-17.5°	10370.8	11134.0	11497.4	11327.5	11497.4	11134.0	10370.8	8985.7	7356.3	5402.3	3624.0
-20°	6418.5	7013.7	7336.7	7307.6	7336.7	7013.7	6418.5	5395.6	4378.2	3166.0	2314.6



REPORT NUMBER: P558992 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3579.8	3887.5	4098.0	4144.6	4098.0	3887.5	3579.8	2986.3	2447.5	1963.0	1472.4
-25°	2002.0	2161.8	2240.6	2266.0	2240.6	2161.8	2002.0	1751.9	1465.7	1277.0	1033.7
-27.5°	1255.0	1325.7	1357.5	1368.9	1357.5	1325.7	1255.0	1154.8	1014.8	932.3	829.0
-30°	896.4	928.4	945.3	952.7	945.3	928.4	896.4	859.2	799.9	758.5	720.0
-32.5°	733.9	746.4	752.9	750.1	752.9	746.4	733.9	717.8	695.0	672.4	650.5
-35°	652.6	654.7	654.2	652.2	654.2	654.7	652.6	646.6	634.9	618.6	596.4
-37.5°	598.5	598.6	596.7	596.5	596.7	598.6	598.5	593.4	580.8	565.4	548.2
-40°	541.1	540.9	539.1	538.7	539.1	540.9	541.1	537.4	528.2	517.9	505.8
-42.5°	488.7	489.0	488.7	489.7	488.7	489.0	488.7	485.9	480.8	473.5	466.6
-45°	450.4	449.6	449.2	449.6	449.2	449.6	450.4	450.0	449.0	446.9	443.8
-47.5°	430.6	429.7	429.3	429.6	429.3	429.7	430.6	431.0	431.1	430.5	429.1
-50°	418.1	416.7	416.1	416.2	416.1	416.7	418.1	419.1	419.5	419.4	418.6
-52.5°	410.4	409.7	408.6	407.3	408.6	409.7	410.4	410.7	410.6	410.4	409.9
-55°	402.6	402.6	401.9	400.7	401.9	402.6	402.6	402.3	401.8	401.3	400.3
-57.5°	393.8	393.8	393.9	394.0	393.9	393.8	393.8	393.4	392.4	391.0	389.2
-60°	385.3	386.7	387.2	387.3	387.2	386.7	385.3	383.5	381.1	378.7	375.6
-62.5°	373.8	376.9	378.1	378.4	378.1	376.9	373.8	370.3	366.6	362.6	358.1
-65°	350.3	352.4	352.6	351.7	352.6	352.4	350.3	347.6	344.5	340.3	335.1
-67.5°	318.2	319.2	319.2	318.3	319.2	319.2	318.2	316.6	314.4	310.8	305.5
-70°	280.9	281.5	283.4	284.9	283.4	281.5	280.9	279.7	277.6	274.1	268.7
-72.5°	238.2	239.2	241.1	242.6	241.1	239.2	238.2	236.6	234.3	231.0	226.8
-75°	193.5	194.9	195.6	195.9	195.6	194.9	193.5	191.6	189.2	186.2	183.3
-77.5°	148.8	150.5	151.2	151.4	151.2	150.5	148.8	146.7	144.2	141.5	139.3
-80°	103.3	104.0	104.5	104.6	104.5	104.0	103.3	102.3	101.0	99.4	98.0
-82.5°	66.1	66.5	66.7	66.8	66.7	66.5	66.1	65.5	64.7	63.8	62.8
-85°	37.4	37.6	37.8	37.8	37.8	37.6	37.4	37.1	36.6	36.1	35.5
-87.5°	13.3	13.3	13.4	13.4	13.4	13.3	13.3	13.2	13.1	12.9	12.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558992 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-935-U-TS-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°	12.6	12.4	12.1	12.4	12.6	12.7	12.8	12.4	11.9	11.5	11.0
85°	34.9	34.1	33.2	32.0	30.7	29.5	28.3	27.0	25.6	24.3	23.0
82.5°	61.5	60.1	58.6	56.7	54.6	52.3	49.8	47.0	44.0	40.8	37.4
80°	96.3	94.2	91.7	88.6	85.2	81.5	77.7	73.7	69.2	64.9	60.9
77.5°	136.7	133.7	130.3	126.2	121.5	116.4	111.0	106.4	101.6	96.2	90.0
75°	179.9	175.9	171.5	166.6	161.1	155.3	148.8	141.8	134.8	127.8	120.4
72.5°	222.1	217.2	212.1	206.8	201.1	194.3	186.5	177.9	168.9	159.4	149.8
70°	262.8	256.3	250.0	243.9	237.3	230.0	222.0	213.2	203.6	192.9	181.1
67.5°	299.6	293.1	286.5	279.2	271.0	262.8	254.6	246.2	236.2	225.0	211.8
65°	329.6	323.7	318.0	310.3	302.0	293.0	284.1	274.5	264.4	254.0	241.6
62.5°	353.0	347.2	341.6	335.0	328.0	320.4	311.5	300.9	290.1	278.9	266.0
60°	371.8	367.3	361.6	355.5	348.9	341.6	332.5	323.4	314.2	301.9	289.0
57.5°	386.8	382.9	377.5	372.1	366.6	359.2	350.6	341.6	331.5	321.7	310.5
55°	398.7	395.3	390.6	385.2	379.2	373.0	366.1	357.6	347.8	338.5	327.3
52.5°	409.0	405.5	401.6	397.4	391.7	385.3	378.6	370.7	362.8	353.2	342.7
50°	417.3	414.4	410.8	406.4	401.6	396.6	390.0	382.5	375.3	366.6	356.4
47.5°	427.2	423.9	419.8	415.4	410.5	404.8	399.2	393.7	386.5	378.8	368.8
45°	440.7	436.1	430.7	425.7	419.9	414.0	407.3	402.1	396.5	388.9	380.5
42.5°	459.9	452.3	445.4	438.0	430.1	423.5	416.9	410.7	404.8	398.1	389.5
40°	489.9	474.0	464.2	453.5	443.9	433.8	426.6	419.3	412.8	406.3	397.8
37.5°	528.5	508.4	490.3	472.6	460.3	448.2	437.7	428.9	420.2	413.2	404.9
35°	570.2	546.2	523.7	501.4	479.4	464.6	450.5	439.4	429.3	419.7	411.5
32.5°	621.3	592.3	563.2	535.8	507.7	483.8	466.1	450.5	438.1	427.2	417.7
30°	679.4	643.0	608.2	574.0	539.8	509.0	483.4	463.7	447.4	434.5	424.0
27.5°	759.5	696.0	654.6	613.3	572.9	536.7	505.5	477.9	457.3	442.3	430.0
25°	896.4	780.2	706.0	655.6	608.8	565.6	529.1	496.6	469.8	449.9	434.6
22.5°	1119.8	921.1	781.1	699.8	646.1	598.4	555.4	516.4	481.2	457.1	439.8
20°	1552.3	1122.1	900.6	762.5	681.1	628.9	581.3	537.1	496.4	465.0	444.3
17.5°	2318.3	1484.9	1039.6	832.8	722.7	656.5	606.0	556.2	510.7	471.5	448.0
15°	3244.2	1985.7	1292.1	942.8	768.4	679.1	627.5	573.5	524.4	480.2	452.8
12.5°	4556.8	2538.0	1511.3	1031.5	817.9	706.9	645.8	590.6	537.2	489.5	456.9
10°	5650.8	3195.4	1859.8	1195.7	884.1	736.4	659.0	600.8	544.4	496.0	459.7
7.5°	7023.1	3927.3	2170.5	1317.7	934.2	757.5	667.0	606.2	548.3	500.1	461.0
5°	7889.6	4411.1	2378.1	1409.5	971.4	771.7	672.8	608.3	549.0	501.8	461.3
2.5°	8499.4	4659.9	2472.8	1459.8	992.5	778.0	675.5	609.7	551.6	503.3	463.7
0°	8600.8	4850.2	2486.3	1471.3	995.0	774.6	674.4	609.9	554.2	503.1	465.2
-2.5°	8499.4	4659.9	2472.8	1459.8	992.5	778.0	675.5	609.7	551.6	503.3	463.7
-5°	7889.6	4411.1	2378.1	1409.5	971.4	771.7	672.8	608.3	549.0	501.8	461.3
-7.5°	7023.1	3927.3	2170.5	1317.7	934.2	757.5	667.0	606.2	548.3	500.1	461.0
-10°	5650.8	3195.4	1859.8	1195.7	884.1	736.4	659.0	600.8	544.4	496.0	459.7
-12.5°	4556.8	2538.0	1511.3	1031.5	817.9	706.9	645.8	590.6	537.2	489.5	456.9
-15°	3244.2	1985.7	1292.1	942.8	768.4	679.1	627.5	573.5	524.4	480.2	452.8
-17.5°	2318.3	1484.9	1039.6	832.8	722.7	656.5	606.0	556.2	510.7	471.5	448.0
-20°	1552.3	1122.1	900.6	762.5	681.1	628.9	581.3	537.1	496.4	465.0	444.3



REPORT NUMBER: P558992 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-935-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1119.8	921.1	781.1	699.8	646.1	598.4	555.4	516.4	481.2	457.1	439.8
-25°	896.4	780.2	706.0	655.6	608.8	565.6	529.1	496.6	469.8	449.9	434.6
-27.5°	759.5	696.0	654.6	613.3	572.9	536.7	505.5	477.9	457.3	442.3	430.0
-30°	679.4	643.0	608.2	574.0	539.8	509.0	483.4	463.7	447.4	434.5	424.0
-32.5°	621.3	592.3	563.2	535.8	507.7	483.8	466.1	450.5	438.1	427.2	417.7
-35°	570.2	546.2	523.7	501.4	479.4	464.6	450.5	439.4	429.3	419.7	411.5
-37.5°	528.5	508.4	490.3	472.6	460.3	448.2	437.7	428.9	420.2	413.2	404.9
-40°	489.9	474.0	464.2	453.5	443.9	433.8	426.6	419.3	412.8	406.3	397.8
-42.5°	459.9	452.3	445.4	438.0	430.1	423.5	416.9	410.7	404.8	398.1	389.5
-45°	440.7	436.1	430.7	425.7	419.9	414.0	407.3	402.1	396.5	388.9	380.5
-47.5°	427.2	423.9	419.8	415.4	410.5	404.8	399.2	393.7	386.5	378.8	368.8
-50°	417.3	414.4	410.8	406.4	401.6	396.6	390.0	382.5	375.3	366.6	356.4
-52.5°	409.0	405.5	401.6	397.4	391.7	385.3	378.6	370.7	362.8	353.2	342.7
-55°	398.7	395.3	390.6	385.2	379.2	373.0	366.1	357.6	347.8	338.5	327.3
-57.5°	386.8	382.9	377.5	372.1	366.6	359.2	350.6	341.6	331.5	321.7	310.5
-60°	371.8	367.3	361.6	355.5	348.9	341.6	332.5	323.4	314.2	301.9	289.0
-62.5°	353.0	347.2	341.6	335.0	328.0	320.4	311.5	300.9	290.1	278.9	266.0
-65°	329.6	323.7	318.0	310.3	302.0	293.0	284.1	274.5	264.4	254.0	241.6
-67.5°	299.6	293.1	286.5	279.2	271.0	262.8	254.6	246.2	236.2	225.0	211.8
-70°	262.8	256.3	250.0	243.9	237.3	230.0	222.0	213.2	203.6	192.9	181.1
-72.5°	222.1	217.2	212.1	206.8	201.1	194.3	186.5	177.9	168.9	159.4	149.8
-75°	179.9	175.9	171.5	166.6	161.1	155.3	148.8	141.8	134.8	127.8	120.4
-77.5°	136.7	133.7	130.3	126.2	121.5	116.4	111.0	106.4	101.6	96.2	90.0
-80°	96.3	94.2	91.7	88.6	85.2	81.5	77.7	73.7	69.2	64.9	60.9
-82.5°	61.5	60.1	58.6	56.7	54.6	52.3	49.8	47.0	44.0	40.8	37.4
-85°	34.9	34.1	33.2	32.0	30.7	29.5	28.3	27.0	25.6	24.3	23.0
-87.5°	12.6	12.4	12.1	12.4	12.6	12.7	12.8	12.4	11.9	11.5	11.0
-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: P558992 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-935-U-TS-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°	10.5	10.0	9.5	8.9	8.4	7.8	7.2	6.6	6.0	5.3	4.7
85°	22.0	21.0	19.8	18.5	17.2	15.6	14.4	13.2	11.9	10.7	9.4
82.5°	34.8	33.1	31.7	30.0	28.5	26.7	24.6	22.1	19.1	16.1	14.0
80°	57.3	53.4	49.4	45.3	41.4	37.8	35.4	32.3	28.1	24.0	20.1
77.5°	83.2	76.4	69.8	64.0	58.0	52.5	47.5	42.6	37.0	31.8	26.8
75°	111.7	102.9	94.2	85.4	76.2	67.0	60.1	53.7	46.9	39.7	33.4
72.5°	140.2	129.9	119.1	107.7	97.0	86.0	74.8	64.7	57.0	48.9	40.4
70°	169.0	157.1	145.0	131.9	118.4	105.1	92.4	79.6	67.1	58.0	48.5
67.5°	197.9	183.9	170.1	155.7	140.5	125.2	110.0	95.2	80.9	67.1	56.6
65°	226.3	210.5	194.3	178.7	162.2	145.1	128.1	110.8	94.3	78.8	64.5
62.5°	252.2	237.0	219.3	201.6	183.6	165.0	145.8	126.9	107.7	90.2	73.7
60°	275.2	259.6	243.5	224.7	204.9	184.8	163.9	142.7	121.9	101.2	83.2
57.5°	296.0	281.0	264.3	246.4	226.1	204.3	181.8	158.7	135.8	113.3	92.4
55°	315.2	300.0	284.0	265.9	245.9	223.4	199.3	174.5	149.5	125.3	101.4
52.5°	330.7	317.4	301.6	284.0	263.8	241.6	216.4	190.0	163.4	137.0	111.6
50°	344.9	332.3	317.5	300.0	280.9	257.9	233.2	205.2	176.8	148.5	121.6
47.5°	357.7	345.6	331.6	315.0	295.4	273.7	248.1	220.1	189.8	160.0	131.2
45°	369.2	357.4	344.2	328.0	309.3	287.2	262.0	234.6	202.8	171.2	140.4
42.5°	379.6	367.7	354.9	340.7	321.3	299.7	275.4	247.0	215.3	181.9	149.5
40°	387.9	376.9	364.7	350.1	332.5	311.8	286.7	258.6	227.4	192.3	158.5
37.5°	395.6	384.7	372.6	359.0	342.7	321.7	297.4	269.6	238.3	202.4	167.0
35°	402.1	391.7	379.7	366.4	350.5	331.1	307.7	279.6	247.5	211.9	175.0
32.5°	408.2	397.8	385.6	372.4	357.9	339.9	316.5	288.1	256.1	220.7	182.5
30°	413.7	402.5	391.1	377.9	364.3	346.5	323.9	296.1	264.2	228.9	189.6
27.5°	418.3	406.7	395.9	382.7	368.9	352.4	330.6	303.5	271.6	236.1	196.2
25°	422.6	410.5	399.3	387.0	373.0	357.8	336.9	310.2	277.9	242.1	202.3
22.5°	426.4	414.0	402.2	390.9	376.7	362.9	342.1	315.2	283.4	247.6	207.7
20°	429.7	417.1	404.5	393.8	379.7	365.9	346.1	319.9	288.3	252.4	212.6
17.5°	432.7	419.7	406.8	395.6	382.3	368.5	349.8	324.0	292.5	256.7	216.8
15°	435.4	421.7	408.9	397.0	384.4	370.6	353.1	327.6	296.2	260.4	220.5
12.5°	437.6	423.1	410.5	398.1	386.0	372.3	356.0	330.7	299.3	263.5	223.5
10°	439.4	423.9	411.6	398.8	387.1	373.6	358.4	333.1	301.7	265.9	225.9
7.5°	440.7	424.1	412.3	399.3	387.8	374.7	359.8	334.8	303.4	267.7	227.7
5°	441.8	424.6	413.1	400.0	388.8	375.5	360.6	335.9	304.6	268.9	228.8
2.5°	443.8	426.2	413.8	400.5	389.3	376.0	360.9	336.3	305.1	269.4	229.4
0°	445.2	427.4	414.0	400.7	389.5	376.2	360.6	336.1	304.9	269.3	229.3
-2.5°	443.8	426.2	413.8	400.5	389.3	376.0	360.9	336.3	305.1	269.4	229.4
-5°	441.8	424.6	413.1	400.0	388.8	375.5	360.6	335.9	304.6	268.9	228.8
-7.5°	440.7	424.1	412.3	399.3	387.8	374.7	359.8	334.8	303.4	267.7	227.7
-10°	439.4	423.9	411.6	398.8	387.1	373.6	358.4	333.1	301.7	265.9	225.9
-12.5°	437.6	423.1	410.5	398.1	386.0	372.3	356.0	330.7	299.3	263.5	223.5
-15°	435.4	421.7	408.9	397.0	384.4	370.6	353.1	327.6	296.2	260.4	220.5
-17.5°	432.7	419.7	406.8	395.6	382.3	368.5	349.8	324.0	292.5	256.7	216.8
-20°	429.7	417.1	404.5	393.8	379.7	365.9	346.1	319.9	288.3	252.4	212.6



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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°	426.4	414.0	402.2	390.9	376.7	362.9	342.1	315.2	283.4	247.6	207.7
-25°	422.6	410.5	399.3	387.0	373.0	357.8	336.9	310.2	277.9	242.1	202.3
-27.5°	418.3	406.7	395.9	382.7	368.9	352.4	330.6	303.5	271.6	236.1	196.2
-30°	413.7	402.5	391.1	377.9	364.3	346.5	323.9	296.1	264.2	228.9	189.6
-32.5°	408.2	397.8	385.6	372.4	357.9	339.9	316.5	288.1	256.1	220.7	182.5
-35°	402.1	391.7	379.7	366.4	350.5	331.1	307.7	279.6	247.5	211.9	175.0
-37.5°	395.6	384.7	372.6	359.0	342.7	321.7	297.4	269.6	238.3	202.4	167.0
-40°	387.9	376.9	364.7	350.1	332.5	311.8	286.7	258.6	227.4	192.3	158.5
-42.5°	379.6	367.7	354.9	340.7	321.3	299.7	275.4	247.0	215.3	181.9	149.5
-45°	369.2	357.4	344.2	328.0	309.3	287.2	262.0	234.6	202.8	171.2	140.4
-47.5°	357.7	345.6	331.6	315.0	295.4	273.7	248.1	220.1	189.8	160.0	131.2
-50°	344.9	332.3	317.5	300.0	280.9	257.9	233.2	205.2	176.8	148.5	121.6
-52.5°	330.7	317.4	301.6	284.0	263.8	241.6	216.4	190.0	163.4	137.0	111.6
-55°	315.2	300.0	284.0	265.9	245.9	223.4	199.3	174.5	149.5	125.3	101.4
-57.5°	296.0	281.0	264.3	246.4	226.1	204.3	181.8	158.7	135.8	113.3	92.4
-60°	275.2	259.6	243.5	224.7	204.9	184.8	163.9	142.7	121.9	101.2	83.2
-62.5°	252.2	237.0	219.3	201.6	183.6	165.0	145.8	126.9	107.7	90.2	73.7
-65°	226.3	210.5	194.3	178.7	162.2	145.1	128.1	110.8	94.3	78.8	64.5
-67.5°	197.9	183.9	170.1	155.7	140.5	125.2	110.0	95.2	80.9	67.1	56.6
-70°	169.0	157.1	145.0	131.9	118.4	105.1	92.4	79.6	67.1	58.0	48.5
-72.5°	140.2	129.9	119.1	107.7	97.0	86.0	74.8	64.7	57.0	48.9	40.4
-75°	111.7	102.9	94.2	85.4	76.2	67.0	60.1	53.7	46.9	39.7	33.4
-77.5°	83.2	76.4	69.8	64.0	58.0	52.5	47.5	42.6	37.0	31.8	26.8
-80°	57.3	53.4	49.4	45.3	41.4	37.8	35.4	32.3	28.1	24.0	20.1
-82.5°	34.8	33.1	31.7	30.0	28.5	26.7	24.6	22.1	19.1	16.1	14.0
-85°	22.0	21.0	19.8	18.5	17.2	15.6	14.4	13.2	11.9	10.7	9.4
-87.5°	10.5	10.0	9.5	8.9	8.4	7.8	7.2	6.6	6.0	5.3	4.7
-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):

	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	3.5	2.9	2.3	1.6	0.8	0.0
85°	8.1	7.0	5.8	4.5	3.1	1.6	0.0
82.5°	12.1	10.5	8.7	6.7	4.6	2.3	0.0
80°	16.3	13.9	11.6	9.0	6.2	3.1	0.0
77.5°	22.0	17.9	14.4	11.2	7.7	3.9	0.0
75°	27.6	22.6	17.4	13.4	9.2	4.6	0.0
72.5°	33.2	27.2	21.2	15.6	10.7	5.4	0.0
70°	38.9	31.8	24.9	17.9	12.2	6.1	0.0
67.5°	45.9	36.4	28.5	20.6	13.6	6.8	0.0
65°	52.8	41.4	32.1	23.3	15.0	7.5	0.0
62.5°	59.5	47.0	35.6	25.9	16.4	8.2	0.0
60°	66.1	52.4	39.1	28.5	17.8	8.9	0.0
57.5°	73.8	57.6	43.2	31.1	19.4	9.6	0.0
55°	81.6	62.7	47.2	33.5	21.1	10.2	0.0
52.5°	89.1	67.8	51.1	35.9	22.6	10.8	0.0
50°	96.4	73.9	54.9	38.3	24.1	11.4	0.0
47.5°	103.6	79.7	58.5	40.6	25.6	12.0	0.0
45°	111.4	85.4	61.9	43.2	27.0	12.6	0.0
42.5°	118.9	90.8	65.2	45.7	28.4	13.1	0.0
40°	126.0	95.9	68.9	48.0	29.6	13.6	0.0
37.5°	132.8	100.8	72.8	50.1	30.9	14.1	0.0
35°	139.1	105.8	76.5	52.1	32.0	14.6	0.0
32.5°	145.1	110.8	79.9	54.0	33.1	15.0	0.0
30°	151.1	115.4	83.2	55.7	34.1	15.4	0.0
27.5°	156.7	119.6	86.1	57.3	35.0	15.8	0.0
25°	161.8	123.5	88.8	58.7	35.9	16.1	0.0
22.5°	166.4	127.0	91.3	60.0	36.7	16.4	0.0
20°	170.6	130.2	93.6	61.1	37.4	16.7	0.0
17.5°	174.4	133.1	95.6	62.0	38.0	17.0	0.0
15°	177.7	135.6	97.4	62.9	38.6	17.2	0.0
12.5°	180.5	137.7	98.9	63.5	39.0	17.4	0.0
10°	182.9	139.4	100.1	64.0	39.4	17.5	0.0
7.5°	184.7	140.8	101.1	64.4	39.7	17.6	0.0
5°	186.0	141.7	101.8	64.6	39.9	17.7	0.0
2.5°	186.7	142.3	102.3	64.7	40.1	17.8	0.0
0°	187.0	142.5	102.4	64.6	40.1	17.8	0.0
-2.5°	186.7	142.3	102.3	64.7	40.1	17.8	0.0
-5°	186.0	141.7	101.8	64.6	39.9	17.7	0.0
-7.5°	184.7	140.8	101.1	64.4	39.7	17.6	0.0
-10°	182.9	139.4	100.1	64.0	39.4	17.5	0.0
-12.5°	180.5	137.7	98.9	63.5	39.0	17.4	0.0
-15°	177.7	135.6	97.4	62.9	38.6	17.2	0.0
-17.5°	174.4	133.1	95.6	62.0	38.0	17.0	0.0
-20°	170.6	130.2	93.6	61.1	37.4	16.7	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	166.4	127.0	91.3	60.0	36.7	16.4	0.0
-25°	161.8	123.5	88.8	58.7	35.9	16.1	0.0
-27.5°	156.7	119.6	86.1	57.3	35.0	15.8	0.0
-30°	151.1	115.4	83.2	55.7	34.1	15.4	0.0
-32.5°	145.1	110.8	79.9	54.0	33.1	15.0	0.0
-35°	139.1	105.8	76.5	52.1	32.0	14.6	0.0
-37.5°	132.8	100.8	72.8	50.1	30.9	14.1	0.0
-40°	126.0	95.9	68.9	48.0	29.6	13.6	0.0
-42.5°	118.9	90.8	65.2	45.7	28.4	13.1	0.0
-45°	111.4	85.4	61.9	43.2	27.0	12.6	0.0
-47.5°	103.6	79.7	58.5	40.6	25.6	12.0	0.0
-50°	96.4	73.9	54.9	38.3	24.1	11.4	0.0
-52.5°	89.1	67.8	51.1	35.9	22.6	10.8	0.0
-55°	81.6	62.7	47.2	33.5	21.1	10.2	0.0
-57.5°	73.8	57.6	43.2	31.1	19.4	9.6	0.0
-60°	66.1	52.4	39.1	28.5	17.8	8.9	0.0
-62.5°	59.5	47.0	35.6	25.9	16.4	8.2	0.0
-65°	52.8	41.4	32.1	23.3	15.0	7.5	0.0
-67.5°	45.9	36.4	28.5	20.6	13.6	6.8	0.0
-70°	38.9	31.8	24.9	17.9	12.2	6.1	0.0
-72.5°	33.2	27.2	21.2	15.6	10.7	5.4	0.0
-75°	27.6	22.6	17.4	13.4	9.2	4.6	0.0
-77.5°	22.0	17.9	14.4	11.2	7.7	3.9	0.0
-80°	16.3	13.9	11.6	9.0	6.2	3.1	0.0
-82.5°	12.1	10.5	8.7	6.7	4.6	2.3	0.0
-85°	8.1	7.0	5.8	4.5	3.1	1.6	0.0
-87.5°	4.0	3.5	2.9	2.3	1.6	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)