

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: P559108 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-930-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559108 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-4)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA5E-930-U-MR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (80) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

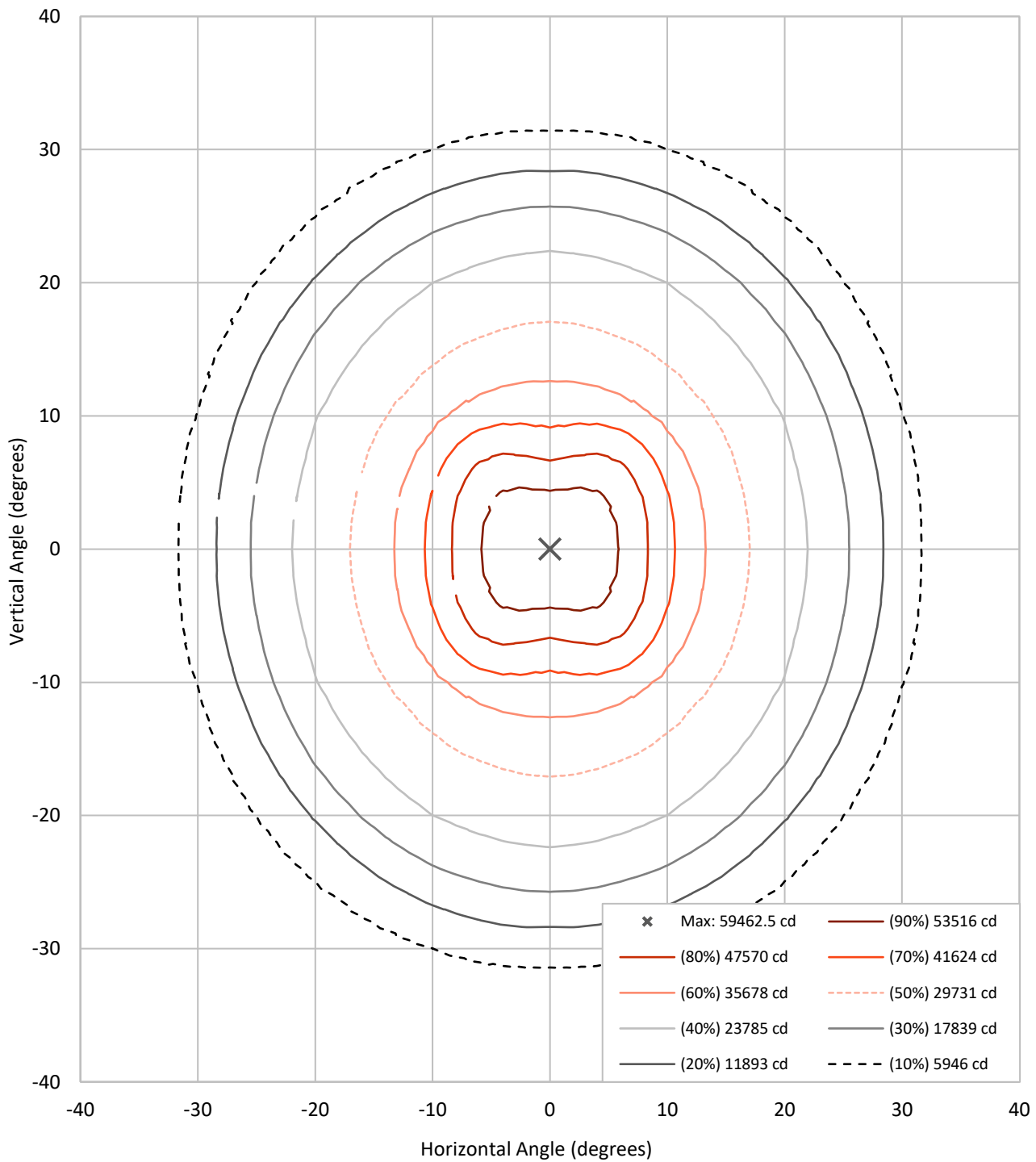
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	26304.6 lumens	Max Intensity:	59462.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	85.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	11204.1 lumens	Field Lumens:	22898.9 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 307
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





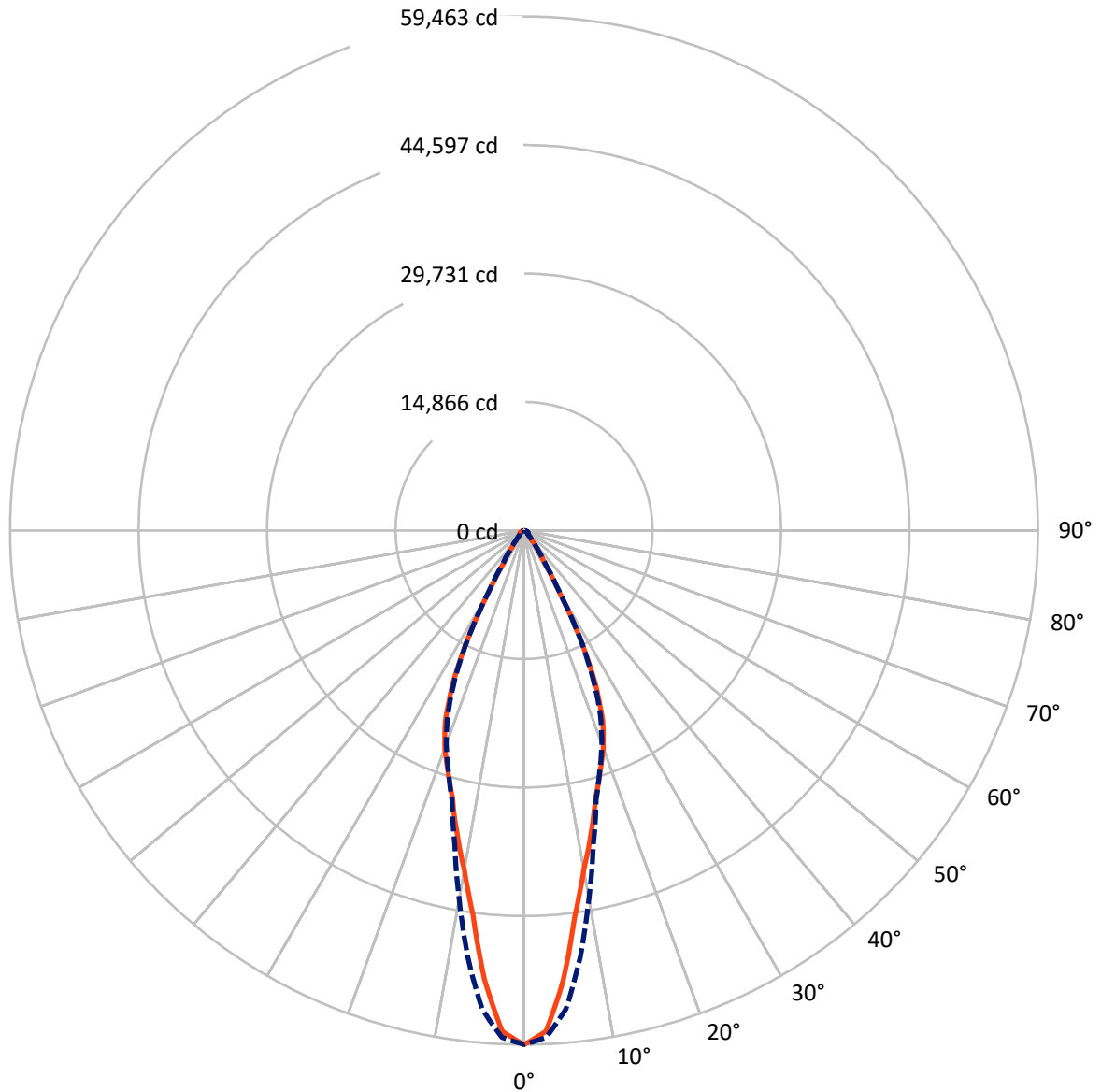
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Lumen Table

90	0.3	2.9	8.2	13.4	15.7	13.4	8.2	2.9	0.3							
80	0.3	2.9	8.2	13.4	15.7	13.4	8.2	2.9	0.3							
70	1.3	1.5	3.4	5.8	8.5	10.9	12.8	13.9	13.9	12.8	10.9	8.5	5.8	3.4	1.5	1.3
60		2.5	5.4	9.3	12.7	14.3	15.2	15.6	15.6	15.2	14.3	12.7	9.3	5.4	2.5	
50	2.5	3.4	7.4	11.2	13.1	16.2	20.8	24.0	24.0	20.8	16.2	13.1	11.2	7.4	3.4	2.5
40		4.3	8.7	11.3	17.0	33.5	63.7	97.4	97.4	63.7	33.5	17.0	11.3	8.7	4.3	
30	3.4	5.1	9.0	12.6	30.8	102.3	321.9	529.9	529.9	321.9	102.3	30.8	12.6	9.0	5.1	3.4
20		5.5	9.0	15.5	57.5	303.4	716.9	949.5	949.5	716.9	303.4	57.5	15.5	9.0	5.5	
10	3.7	5.8	9.0	17.9	87.4	477.9	932.4	1471.3	1471.3	932.4	477.9	87.4	17.9	9.0	5.8	3.7
0		5.8	9.0	17.9	87.4	477.9	932.4	1471.3	1471.3	932.4	477.9	87.4	17.9	9.0	5.8	
-10	3.4	5.5	9.0	15.5	57.5	303.4	716.9	949.5	949.5	716.9	303.4	57.5	15.5	9.0	5.5	3.4
-20		5.1	9.0	12.6	30.8	102.3	321.9	529.9	529.9	321.9	102.3	30.8	12.6	9.0	5.1	
-30	2.5	4.3	8.7	11.3	17.0	33.5	63.7	97.4	97.4	63.7	33.5	17.0	11.3	8.7	4.3	2.5
-40		3.4	7.4	11.2	13.1	16.2	20.8	24.0	24.0	20.8	16.2	13.1	11.2	7.4	3.4	
-50	1.3	2.5	5.4	9.3	12.7	14.3	15.2	15.6	15.6	15.2	14.3	12.7	9.3	5.4	2.5	1.3
-60		1.5	3.4	5.8	8.5	10.9	12.8	13.9	13.9	12.8	10.9	8.5	5.8	3.4	1.5	
-70	0.3	2.9	8.2	13.4	15.7	13.4	8.2	2.9	0.3							
-80		0.3	2.9	8.2	13.4	15.7	13.4	8.2	2.9	0.3						
-90	0.3	2.9	8.2	13.4	15.7	13.4	8.2	2.9	0.3							

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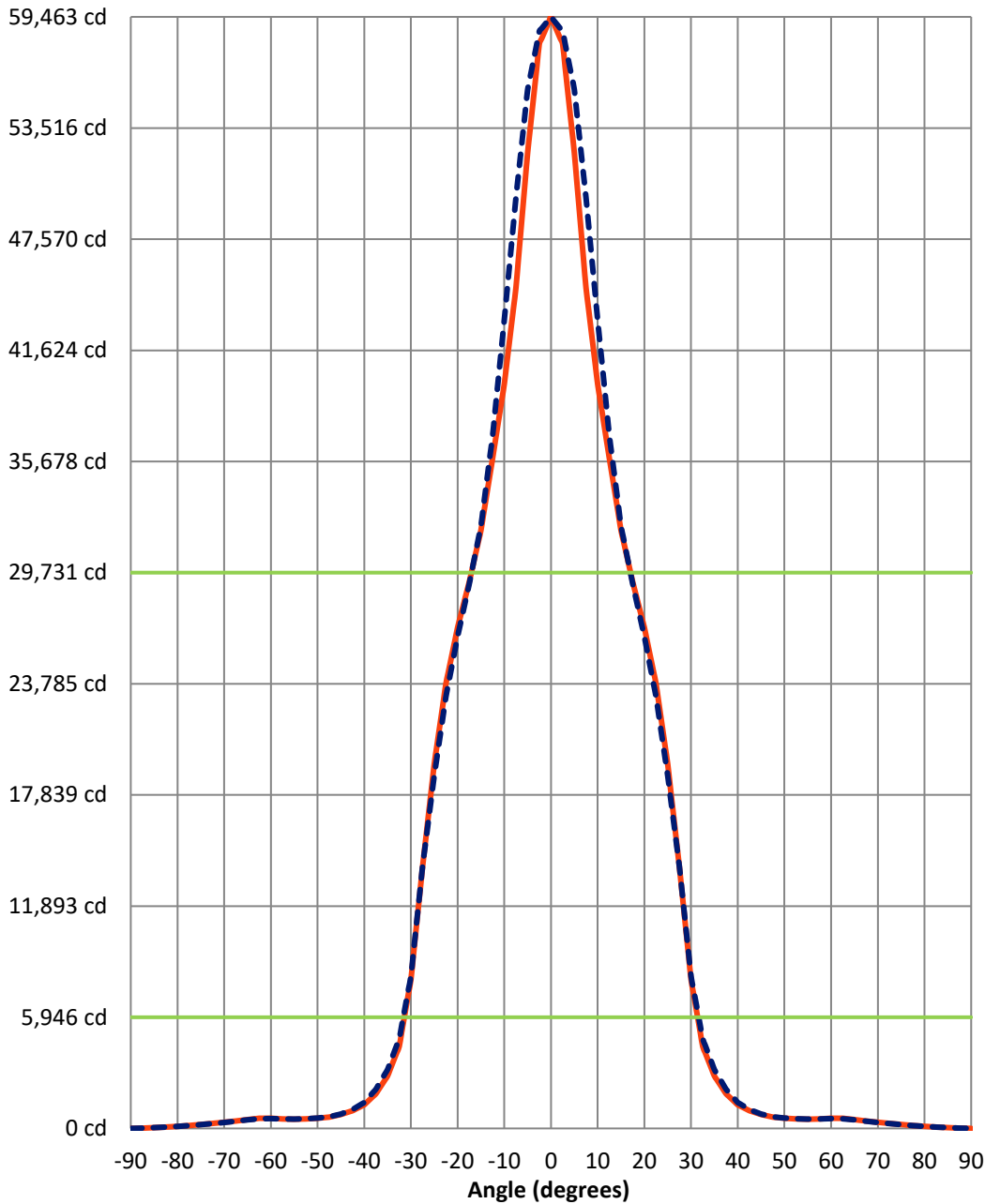
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 34°
V Angle: 34.1°
Lumens: 11204.1
Efficiency: 42.6%

Field:
H Angle: 63.3°
V Angle: 62.8°
Lumens: 22898.9
Efficiency: 87.1%

Spill:
Lumens: 3405.7
Efficiency: 12.9%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.7	1.3	2.0	2.6	3.3	3.9	4.5	5.2	5.8	6.4
85°	0.0	1.3	2.6	3.9	5.2	6.5	7.8	9.1	10.3	11.5	12.7
82.5°	0.0	2.0	3.9	5.9	7.8	9.8	11.7	13.6	15.7	18.9	21.8
80°	0.0	2.6	5.2	7.8	10.4	13.0	15.9	20.5	24.7	28.7	32.4
77.5°	0.0	3.3	6.5	9.8	13.0	17.1	23.0	28.5	33.7	38.6	43.5
75°	0.0	3.9	7.8	11.7	15.9	22.8	29.9	36.6	42.7	49.2	56.0
72.5°	0.0	4.5	9.1	13.6	20.3	28.4	36.8	44.6	52.2	60.1	68.2
70°	0.0	5.2	10.3	15.7	24.7	33.9	43.6	52.7	61.6	70.9	82.9
67.5°	0.0	5.8	11.5	18.8	28.9	39.4	50.4	60.6	70.9	84.6	98.0
65°	0.0	6.4	12.7	21.9	33.1	44.9	57.1	68.4	82.9	98.0	114.0
62.5°	0.0	7.0	13.9	24.9	37.2	50.7	63.8	77.9	94.7	111.9	132.5
60°	0.0	7.5	15.1	27.9	41.1	56.3	70.3	88.0	106.2	128.3	150.6
57.5°	0.0	8.1	17.0	30.7	45.6	61.9	78.7	97.9	119.8	144.2	169.2
55°	0.0	8.7	18.9	33.5	50.1	67.3	87.0	107.6	133.7	160.0	187.5
52.5°	0.0	9.2	20.7	36.1	54.5	72.9	95.1	119.1	147.2	175.6	205.1
50°	0.0	9.7	22.5	38.7	58.7	79.5	102.9	130.5	160.3	190.6	223.6
47.5°	0.0	10.2	24.2	41.3	62.9	85.8	110.7	141.3	172.9	205.0	241.9
45°	0.0	10.7	25.9	44.3	66.9	91.9	119.5	151.6	185.0	221.0	259.8
42.5°	0.0	11.1	27.5	47.2	70.8	97.7	127.9	161.7	196.7	236.6	278.2
40°	0.0	11.6	29.0	50.1	74.9	103.3	135.8	171.5	208.6	251.8	296.0
37.5°	0.0	12.0	30.5	52.8	79.2	108.6	143.2	180.8	221.4	266.3	313.0
35°	0.0	12.4	31.9	55.3	83.2	114.2	150.2	189.8	233.4	280.5	329.3
32.5°	0.0	12.7	33.3	57.6	87.0	119.6	156.8	198.2	244.6	293.9	344.9
30°	0.0	13.1	34.5	59.8	90.5	124.7	163.6	206.4	255.0	306.4	359.4
27.5°	0.0	13.4	35.7	61.7	93.6	129.3	169.8	214.9	264.8	318.0	373.0
25°	0.0	13.7	36.8	63.5	96.3	133.5	175.6	222.6	274.2	329.0	385.5
22.5°	0.0	13.9	37.8	65.0	98.8	137.3	180.9	229.6	282.8	339.1	398.1
20°	0.0	14.2	38.8	66.4	101.0	140.4	185.7	235.8	290.5	348.2	409.3
17.5°	0.0	14.4	39.6	67.6	102.9	143.2	189.9	241.3	297.3	356.3	419.1
15°	0.0	14.6	40.4	68.5	104.6	145.6	193.7	246.2	303.2	363.3	427.6
12.5°	0.0	14.7	41.1	69.3	106.0	147.6	196.8	250.3	308.2	369.3	434.6
10°	0.0	14.9	41.6	69.9	107.1	149.1	199.5	253.7	312.0	374.6	441.0
7.5°	0.0	15.0	42.1	70.4	107.8	150.3	201.6	256.4	314.9	379.1	447.4
5°	0.0	15.0	42.5	70.6	108.4	151.0	203.1	258.3	316.8	382.5	452.7
2.5°	0.0	15.1	42.7	70.7	108.6	151.4	204.0	259.4	317.8	384.8	456.6
0°	0.0	15.1	42.9	70.6	108.5	151.3	204.3	259.8	317.8	385.9	459.1
-2.5°	0.0	15.1	42.7	70.7	108.6	151.4	204.0	259.4	317.8	384.8	456.6
-5°	0.0	15.0	42.5	70.6	108.4	151.0	203.1	258.3	316.8	382.5	452.7
-7.5°	0.0	15.0	42.1	70.4	107.8	150.3	201.6	256.4	314.9	379.1	447.4
-10°	0.0	14.9	41.6	69.9	107.1	149.1	199.5	253.7	312.0	374.6	441.0
-12.5°	0.0	14.7	41.1	69.3	106.0	147.6	196.8	250.3	308.2	369.3	434.6
-15°	0.0	14.6	40.4	68.5	104.6	145.6	193.7	246.2	303.2	363.3	427.6
-17.5°	0.0	14.4	39.6	67.6	102.9	143.2	189.9	241.3	297.3	356.3	419.1
-20°	0.0	14.2	38.8	66.4	101.0	140.4	185.7	235.8	290.5	348.2	409.3



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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	13.9	37.8	65.0	98.8	137.3	180.9	229.6	282.8	339.1	398.1
-25°	0.0	13.7	36.8	63.5	96.3	133.5	175.6	222.6	274.2	329.0	385.5
-27.5°	0.0	13.4	35.7	61.7	93.6	129.3	169.8	214.9	264.8	318.0	373.0
-30°	0.0	13.1	34.5	59.8	90.5	124.7	163.6	206.4	255.0	306.4	359.4
-32.5°	0.0	12.7	33.3	57.6	87.0	119.6	156.8	198.2	244.6	293.9	344.9
-35°	0.0	12.4	31.9	55.3	83.2	114.2	150.2	189.8	233.4	280.5	329.3
-37.5°	0.0	12.0	30.5	52.8	79.2	108.6	143.2	180.8	221.4	266.3	313.0
-40°	0.0	11.6	29.0	50.1	74.9	103.3	135.8	171.5	208.6	251.8	296.0
-42.5°	0.0	11.1	27.5	47.2	70.8	97.7	127.9	161.7	196.7	236.6	278.2
-45°	0.0	10.7	25.9	44.3	66.9	91.9	119.5	151.6	185.0	221.0	259.8
-47.5°	0.0	10.2	24.2	41.3	62.9	85.8	110.7	141.3	172.9	205.0	241.9
-50°	0.0	9.7	22.5	38.7	58.7	79.5	102.9	130.5	160.3	190.6	223.6
-52.5°	0.0	9.2	20.7	36.1	54.5	72.9	95.1	119.1	147.2	175.6	205.1
-55°	0.0	8.7	18.9	33.5	50.1	67.3	87.0	107.6	133.7	160.0	187.5
-57.5°	0.0	8.1	17.0	30.7	45.6	61.9	78.7	97.9	119.8	144.2	169.2
-60°	0.0	7.5	15.1	27.9	41.1	56.3	70.3	88.0	106.2	128.3	150.6
-62.5°	0.0	7.0	13.9	24.9	37.2	50.7	63.8	77.9	94.7	111.9	132.5
-65°	0.0	6.4	12.7	21.9	33.1	44.9	57.1	68.4	82.9	98.0	114.0
-67.5°	0.0	5.8	11.5	18.8	28.9	39.4	50.4	60.6	70.9	84.6	98.0
-70°	0.0	5.2	10.3	15.7	24.7	33.9	43.6	52.7	61.6	70.9	82.9
-72.5°	0.0	4.5	9.1	13.6	20.3	28.4	36.8	44.6	52.2	60.1	68.2
-75°	0.0	3.9	7.8	11.7	15.9	22.8	29.9	36.6	42.7	49.2	56.0
-77.5°	0.0	3.3	6.5	9.8	13.0	17.1	23.0	28.5	33.7	38.6	43.5
-80°	0.0	2.6	5.2	7.8	10.4	13.0	15.9	20.5	24.7	28.7	32.4
-82.5°	0.0	2.0	3.9	5.9	7.8	9.8	11.7	13.6	15.7	18.9	21.8
-85°	0.0	1.3	2.6	3.9	5.2	6.5	7.8	9.1	10.3	11.5	12.7
-87.5°	0.0	0.7	1.3	2.0	2.6	3.3	3.9	4.5	5.2	5.8	6.4
-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°	7.0	7.5	8.1	8.7	9.2	9.7	10.2	10.7	11.1	11.6	12.0
85°	13.9	15.1	17.0	18.8	20.4	21.9	23.3	24.5	25.9	27.2	28.4
82.5°	24.8	27.7	30.5	33.3	35.4	37.4	39.3	42.0	45.2	48.2	51.1
80°	36.3	40.2	44.9	49.7	54.1	58.3	62.6	66.8	71.1	75.5	80.0
77.5°	49.4	55.6	61.8	68.1	74.3	81.3	88.4	95.4	101.7	107.3	112.4
75°	63.2	70.8	80.1	89.5	98.6	107.5	116.5	126.2	134.8	142.5	149.8
72.5°	78.3	89.4	100.6	111.8	124.3	136.4	148.0	159.3	169.6	179.3	189.0
70°	95.1	107.9	122.7	137.8	152.4	166.2	179.7	192.4	204.5	217.1	230.6
67.5°	112.2	129.8	147.0	164.0	181.1	196.8	211.6	228.0	244.2	260.1	275.3
65°	132.6	151.9	171.8	191.4	210.0	229.0	247.9	266.6	285.7	303.8	320.7
62.5°	152.8	175.2	197.3	218.9	241.0	262.6	284.8	306.7	327.8	349.9	371.0
60°	174.2	198.7	222.9	247.3	272.0	297.8	322.5	348.3	374.2	399.1	423.1
57.5°	195.4	222.0	248.5	276.0	304.9	333.3	362.6	391.5	421.1	449.5	474.2
55°	216.1	244.7	274.5	306.1	337.8	370.5	403.1	436.8	468.7	492.6	515.0
52.5°	236.8	267.7	301.8	336.1	371.4	408.0	446.0	478.5	505.1	525.5	530.4
50°	257.2	292.5	328.6	366.2	405.2	446.6	483.0	512.4	527.3	533.1	530.1
47.5°	278.7	316.7	355.4	395.9	439.5	479.1	513.5	528.4	535.6	527.8	518.3
45°	300.0	340.7	381.6	426.2	469.7	507.2	526.5	537.1	527.6	518.3	511.7
42.5°	320.6	364.0	408.8	454.8	495.3	521.8	534.0	527.9	519.7	512.6	515.0
40°	340.9	386.5	435.6	478.8	515.3	528.8	526.8	519.2	514.4	517.6	527.9
37.5°	360.4	410.1	460.2	502.1	521.8	527.2	518.2	513.4	516.9	528.9	551.6
35°	379.0	432.7	480.5	515.5	528.8	519.5	513.0	512.2	525.7	549.9	583.7
32.5°	397.7	454.3	499.5	521.5	523.6	513.3	508.4	520.0	541.3	573.2	630.0
30°	416.0	470.9	513.5	526.9	517.7	509.7	512.5	529.1	558.0	611.1	703.0
27.5°	432.7	486.0	518.0	524.4	512.5	505.9	518.4	543.4	585.5	656.3	787.5
25°	447.9	499.6	522.0	519.5	509.1	508.3	525.3	556.3	614.3	728.8	908.5
22.5°	460.4	512.1	525.8	515.0	505.6	512.4	536.2	579.2	656.7	797.2	1034.8
20°	470.6	515.2	525.1	510.8	502.3	515.8	545.9	601.7	713.9	904.2	1176.9
17.5°	479.9	518.0	521.5	508.0	504.3	521.0	555.9	621.7	764.7	996.1	1313.5
15°	488.1	520.4	518.1	505.6	506.7	528.1	572.3	659.5	825.6	1082.8	1436.1
12.5°	495.1	522.5	514.9	503.5	508.6	534.0	586.3	693.9	885.8	1176.7	1632.8
10°	501.1	524.2	512.0	501.8	509.8	538.7	597.6	721.0	932.0	1256.4	1797.9
7.5°	506.5	525.5	509.5	500.5	510.4	542.1	606.3	740.9	965.0	1320.4	1921.3
5°	510.6	526.5	508.1	499.9	512.3	545.9	612.6	753.9	985.1	1367.0	2004.0
2.5°	513.2	527.0	507.3	499.5	514.9	551.0	618.0	764.8	1002.9	1390.1	2062.8
0°	514.5	527.2	507.0	499.4	517.1	554.9	620.5	769.3	1011.4	1389.8	2098.5
-2.5°	513.2	527.0	507.3	499.5	514.9	551.0	618.0	764.8	1002.9	1390.1	2062.8
-5°	510.6	526.5	508.1	499.9	512.3	545.9	612.6	753.9	985.1	1367.0	2004.0
-7.5°	506.5	525.5	509.5	500.5	510.4	542.1	606.3	740.9	965.0	1320.4	1921.3
-10°	501.1	524.2	512.0	501.8	509.8	538.7	597.6	721.0	932.0	1256.4	1797.9
-12.5°	495.1	522.5	514.9	503.5	508.6	534.0	586.3	693.9	885.8	1176.7	1632.8
-15°	488.1	520.4	518.1	505.6	506.7	528.1	572.3	659.5	825.6	1082.8	1436.1
-17.5°	479.9	518.0	521.5	508.0	504.3	521.0	555.9	621.7	764.7	996.1	1313.5
-20°	470.6	515.2	525.1	510.8	502.3	515.8	545.9	601.7	713.9	904.2	1176.9



REPORT NUMBER: P559108 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	460.4	512.1	525.8	515.0	505.6	512.4	536.2	579.2	656.7	797.2	1034.8
-25°	447.9	499.6	522.0	519.5	509.1	508.3	525.3	556.3	614.3	728.8	908.5
-27.5°	432.7	486.0	518.0	524.4	512.5	505.9	518.4	543.4	585.5	656.3	787.5
-30°	416.0	470.9	513.5	526.9	517.7	509.7	512.5	529.1	558.0	611.1	703.0
-32.5°	397.7	454.3	499.5	521.5	523.6	513.3	508.4	520.0	541.3	573.2	630.0
-35°	379.0	432.7	480.5	515.5	528.8	519.5	513.0	512.2	525.7	549.9	583.7
-37.5°	360.4	410.1	460.2	502.1	521.8	527.2	518.2	513.4	516.9	528.9	551.6
-40°	340.9	386.5	435.6	478.8	515.3	528.8	526.8	519.2	514.4	517.6	527.9
-42.5°	320.6	364.0	408.8	454.8	495.3	521.8	534.0	527.9	519.7	512.6	515.0
-45°	300.0	340.7	381.6	426.2	469.7	507.2	526.5	537.1	527.6	518.3	511.7
-47.5°	278.7	316.7	355.4	395.9	439.5	479.1	513.5	528.4	535.6	527.8	518.3
-50°	257.2	292.5	328.6	366.2	405.2	446.6	483.0	512.4	527.3	533.1	530.1
-52.5°	236.8	267.7	301.8	336.1	371.4	408.0	446.0	478.5	505.1	525.5	530.4
-55°	216.1	244.7	274.5	306.1	337.8	370.5	403.1	436.8	468.7	492.6	515.0
-57.5°	195.4	222.0	248.5	276.0	304.9	333.3	362.6	391.5	421.1	449.5	474.2
-60°	174.2	198.7	222.9	247.3	272.0	297.8	322.5	348.3	374.2	399.1	423.1
-62.5°	152.8	175.2	197.3	218.9	241.0	262.6	284.8	306.7	327.8	349.9	371.0
-65°	132.6	151.9	171.8	191.4	210.0	229.0	247.9	266.6	285.7	303.8	320.7
-67.5°	112.2	129.8	147.0	164.0	181.1	196.8	211.6	228.0	244.2	260.1	275.3
-70°	95.1	107.9	122.7	137.8	152.4	166.2	179.7	192.4	204.5	217.1	230.6
-72.5°	78.3	89.4	100.6	111.8	124.3	136.4	148.0	159.3	169.6	179.3	189.0
-75°	63.2	70.8	80.1	89.5	98.6	107.5	116.5	126.2	134.8	142.5	149.8
-77.5°	49.4	55.6	61.8	68.1	74.3	81.3	88.4	95.4	101.7	107.3	112.4
-80°	36.3	40.2	44.9	49.7	54.1	58.3	62.6	66.8	71.1	75.5	80.0
-82.5°	24.8	27.7	30.5	33.3	35.4	37.4	39.3	42.0	45.2	48.2	51.1
-85°	13.9	15.1	17.0	18.8	20.4	21.9	23.3	24.5	25.9	27.2	28.4
-87.5°	7.0	7.5	8.1	8.7	9.2	9.7	10.2	10.7	11.1	11.6	12.0
-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: P559108 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	12.4	12.2	12.0	11.7	11.4	11.6	11.8	12.0	12.2	12.9	13.6
85°	29.6	30.9	32.3	33.7	35.2	36.2	37.0	37.8	38.5	39.1	39.6
82.5°	53.9	56.7	59.3	61.7	63.8	65.6	67.2	68.5	69.7	70.8	71.6
80°	84.1	87.8	91.1	94.1	96.7	99.0	100.9	102.4	103.7	106.2	108.6
77.5°	117.7	123.0	127.8	132.2	136.3	140.2	143.9	147.2	150.2	152.5	154.1
75°	156.7	163.3	170.0	176.1	181.7	187.4	193.0	198.1	202.7	205.8	208.1
72.5°	198.6	207.5	215.6	223.4	230.3	237.4	244.3	250.6	256.1	260.3	263.7
70°	243.4	255.0	264.5	273.3	282.0	290.8	299.3	306.8	313.2	318.5	322.7
67.5°	289.9	303.1	315.0	326.6	338.2	349.0	359.4	369.0	377.8	384.6	389.0
65°	337.3	354.4	370.0	384.3	397.1	409.4	422.3	434.3	445.1	453.9	460.8
62.5°	391.0	410.3	428.1	444.0	458.3	469.7	482.0	493.3	503.4	512.7	522.0
60°	445.9	467.5	483.1	496.6	509.0	520.0	524.2	528.3	531.7	534.7	538.4
57.5°	493.8	512.3	525.7	528.8	531.5	533.9	532.3	528.0	523.5	519.1	515.5
55°	527.2	532.5	538.4	533.8	526.4	519.5	513.4	509.2	505.3	501.7	498.7
52.5°	536.1	531.0	524.8	518.0	512.8	507.6	502.3	503.2	504.9	506.1	506.7
50°	523.1	517.1	513.7	509.9	510.5	513.2	515.3	520.3	526.5	530.9	534.6
47.5°	513.0	509.1	514.1	520.5	526.5	537.3	546.9	556.4	571.0	582.6	591.8
45°	510.2	519.8	529.7	545.3	559.1	582.9	605.3	624.0	658.9	690.8	715.9
42.5°	524.7	541.1	559.0	589.5	622.4	664.6	718.7	764.5	818.1	868.1	904.4
40°	548.5	572.6	613.1	662.0	738.9	807.2	896.9	973.6	1045.7	1122.2	1179.6
37.5°	582.7	627.8	703.4	791.5	908.1	1020.0	1143.7	1263.8	1366.1	1520.9	1642.1
35°	633.5	725.0	832.2	979.4	1131.7	1303.3	1484.1	1717.1	1922.2	2162.9	2389.2
32.5°	726.1	849.9	1018.0	1217.1	1419.5	1715.6	1994.9	2373.5	2713.7	3138.3	3594.8
30°	834.5	1019.2	1245.1	1505.1	1871.5	2278.9	2738.1	3318.8	4008.7	4830.4	5932.8
27.5°	984.0	1221.1	1505.2	1926.7	2446.5	2992.3	3806.7	4782.7	6561.5	8111.7	10166.1
25°	1144.8	1434.4	1883.8	2450.2	3134.1	4117.2	5709.2	7740.2	10617.1	13367.9	15567.0
22.5°	1330.2	1753.4	2320.6	3025.5	4132.5	6035.7	8507.5	12084.4	15292.3	18066.8	20203.4
20°	1535.5	2066.3	2828.7	3905.8	5791.0	8578.3	12546.5	16217.4	19493.9	21882.3	23770.1
17.5°	1801.4	2494.8	3462.1	4948.5	7841.9	12137.0	16227.9	19856.2	22707.1	24805.5	26479.1
15°	2049.7	2889.3	4142.8	6678.9	10628.1	15218.6	19411.8	22648.5	25115.6	27068.3	28573.0
12.5°	2342.7	3332.4	4938.6	8173.8	13190.0	17761.0	21672.5	24694.9	27070.6	28901.0	30917.7
10°	2603.8	3809.1	6078.7	10165.9	15293.9	19759.1	23557.6	26273.7	28656.0	31041.2	34065.2
7.5°	2819.3	4209.2	7013.8	11846.7	16909.2	21237.1	24697.5	27411.5	30037.1	33222.7	37584.3
5°	2990.4	4510.9	7783.0	13115.7	18083.4	22292.0	25568.2	28319.1	31284.7	35546.2	41399.6
2.5°	3104.8	4708.7	8263.9	13882.3	18824.3	22897.0	26213.6	28912.8	32022.1	36847.1	42962.4
0°	3150.3	4799.9	8141.9	14021.3	18869.1	23093.9	26309.8	29134.7	32232.1	37064.7	43249.4
-2.5°	3104.8	4708.7	8263.9	13882.3	18824.3	22897.0	26213.6	28912.8	32022.1	36847.1	42962.4
-5°	2990.4	4510.9	7783.0	13115.7	18083.4	22292.0	25568.2	28319.1	31284.7	35546.2	41399.6
-7.5°	2819.3	4209.2	7013.8	11846.7	16909.2	21237.1	24697.5	27411.5	30037.1	33222.7	37584.3
-10°	2603.8	3809.1	6078.7	10165.9	15293.9	19759.1	23557.6	26273.7	28656.0	31041.2	34065.2
-12.5°	2342.7	3332.4	4938.6	8173.8	13190.0	17761.0	21672.5	24694.9	27070.6	28901.0	30917.7
-15°	2049.7	2889.3	4142.8	6678.9	10628.1	15218.6	19411.8	22648.5	25115.6	27068.3	28573.0
-17.5°	1801.4	2494.8	3462.1	4948.5	7841.9	12137.0	16227.9	19856.2	22707.1	24805.5	26479.1
-20°	1535.5	2066.3	2828.7	3905.8	5791.0	8578.3	12546.5	16217.4	19493.9	21882.3	23770.1



REPORT NUMBER: P559108 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1330.2	1753.4	2320.6	3025.5	4132.5	6035.7	8507.5	12084.4	15292.3	18066.8	20203.4
-25°	1144.8	1434.4	1883.8	2450.2	3134.1	4117.2	5709.2	7740.2	10617.1	13367.9	15567.0
-27.5°	984.0	1221.1	1505.2	1926.7	2446.5	2992.3	3806.7	4782.7	6561.5	8111.7	10166.1
-30°	834.5	1019.2	1245.1	1505.1	1871.5	2278.9	2738.1	3318.8	4008.7	4830.4	5932.8
-32.5°	726.1	849.9	1018.0	1217.1	1419.5	1715.6	1994.9	2373.5	2713.7	3138.3	3594.8
-35°	633.5	725.0	832.2	979.4	1131.7	1303.3	1484.1	1717.1	1922.2	2162.9	2389.2
-37.5°	582.7	627.8	703.4	791.5	908.1	1020.0	1143.7	1263.8	1366.1	1520.9	1642.1
-40°	548.5	572.6	613.1	662.0	738.9	807.2	896.9	973.6	1045.7	1122.2	1179.6
-42.5°	524.7	541.1	559.0	589.5	622.4	664.6	718.7	764.5	818.1	868.1	904.4
-45°	510.2	519.8	529.7	545.3	559.1	582.9	605.3	624.0	658.9	690.8	715.9
-47.5°	513.0	509.1	514.1	520.5	526.5	537.3	546.9	556.4	571.0	582.6	591.8
-50°	523.1	517.1	513.7	509.9	510.5	513.2	515.3	520.3	526.5	530.9	534.6
-52.5°	536.1	531.0	524.8	518.0	512.8	507.6	502.3	503.2	504.9	506.1	506.7
-55°	527.2	532.5	538.4	533.8	526.4	519.5	513.4	509.2	505.3	501.7	498.7
-57.5°	493.8	512.3	525.7	528.8	531.5	533.9	532.3	528.0	523.5	519.1	515.5
-60°	445.9	467.5	483.1	496.6	509.0	520.0	524.2	528.3	531.7	534.7	538.4
-62.5°	391.0	410.3	428.1	444.0	458.3	469.7	482.0	493.3	503.4	512.7	522.0
-65°	337.3	354.4	370.0	384.3	397.1	409.4	422.3	434.3	445.1	453.9	460.8
-67.5°	289.9	303.1	315.0	326.6	338.2	349.0	359.4	369.0	377.8	384.6	389.0
-70°	243.4	255.0	264.5	273.3	282.0	290.8	299.3	306.8	313.2	318.5	322.7
-72.5°	198.6	207.5	215.6	223.4	230.3	237.4	244.3	250.6	256.1	260.3	263.7
-75°	156.7	163.3	170.0	176.1	181.7	187.4	193.0	198.1	202.7	205.8	208.1
-77.5°	117.7	123.0	127.8	132.2	136.3	140.2	143.9	147.2	150.2	152.5	154.1
-80°	84.1	87.8	91.1	94.1	96.7	99.0	100.9	102.4	103.7	106.2	108.6
-82.5°	53.9	56.7	59.3	61.7	63.8	65.6	67.2	68.5	69.7	70.8	71.6
-85°	29.6	30.9	32.3	33.7	35.2	36.2	37.0	37.8	38.5	39.1	39.6
-87.5°	12.4	12.2	12.0	11.7	11.4	11.6	11.8	12.0	12.2	12.9	13.6
-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: P559108 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	14.3	15.0	15.1	15.1	15.1	15.0	14.3	13.6	12.9	12.2	12.0
85°	40.0	40.2	41.6	42.9	41.6	40.2	40.0	39.6	39.1	38.5	37.8
82.5°	72.3	72.7	73.0	73.1	73.0	72.7	72.3	71.6	70.8	69.7	68.5
80°	110.8	112.8	112.1	111.0	112.1	112.8	110.8	108.6	106.2	103.7	102.4
77.5°	155.1	155.6	155.0	153.9	155.0	155.6	155.1	154.1	152.5	150.2	147.2
75°	209.7	210.6	211.6	211.9	211.6	210.6	209.7	208.1	205.8	202.7	198.1
72.5°	266.4	268.3	268.3	267.4	268.3	268.3	266.4	263.7	260.3	256.1	250.6
70°	326.1	328.5	329.9	330.4	329.9	328.5	326.1	322.7	318.5	313.2	306.8
67.5°	392.1	393.8	395.4	396.0	395.4	393.8	392.1	389.0	384.6	377.8	369.0
65°	466.5	470.9	472.3	471.7	472.3	470.9	466.5	460.8	453.9	445.1	434.3
62.5°	530.6	538.3	541.5	542.3	541.5	538.3	530.6	522.0	512.7	503.4	493.3
60°	541.4	544.1	544.8	544.8	544.8	544.1	541.4	538.4	534.7	531.7	528.3
57.5°	512.2	509.3	507.5	507.0	507.5	509.3	512.2	515.5	519.1	523.5	528.0
55°	495.8	493.3	492.0	491.8	492.0	493.3	495.8	498.7	501.7	505.3	509.2
52.5°	506.9	506.6	507.7	509.5	507.7	506.6	506.9	506.7	506.1	504.9	503.2
50°	537.9	540.1	542.5	544.8	542.5	540.1	537.9	534.6	530.9	526.5	520.3
47.5°	598.5	602.0	604.1	605.3	604.1	602.0	598.5	591.8	582.6	571.0	556.4
45°	732.3	741.0	745.2	746.6	745.2	741.0	732.3	715.9	690.8	658.9	624.0
42.5°	928.4	941.6	947.3	948.4	947.3	941.6	928.4	904.4	868.1	818.1	764.5
40°	1220.8	1244.3	1255.6	1263.7	1255.6	1244.3	1220.8	1179.6	1122.2	1045.7	973.6
37.5°	1732.8	1791.6	1825.0	1853.9	1825.0	1791.6	1732.8	1642.1	1520.9	1366.1	1263.8
35°	2573.3	2708.1	2787.5	2804.8	2787.5	2708.1	2573.3	2389.2	2162.9	1922.2	1717.1
32.5°	3946.3	4210.8	4369.0	4388.7	4369.0	4210.8	3946.3	3594.8	3138.3	2713.7	2373.5
30°	6788.6	7529.8	8037.7	7967.8	8037.7	7529.8	6788.6	5932.8	4830.4	4008.7	3318.8
27.5°	11849.2	13193.2	14066.2	13993.6	14066.2	13193.2	11849.2	10166.1	8111.7	6561.5	4782.7
25°	17257.7	18494.8	19225.1	19494.6	19225.1	18494.8	17257.7	15567.0	13367.9	10617.1	7740.2
22.5°	21674.3	22780.3	23412.0	23790.0	23412.0	22780.3	21674.3	20203.4	18066.8	15292.3	12084.4
20°	25058.3	26017.5	26560.7	26794.1	26560.7	26017.5	25058.3	23770.1	21882.3	19493.9	16217.4
17.5°	27661.7	28464.6	29079.8	29238.1	29079.8	28464.6	27661.7	26479.1	24805.5	22707.1	19856.2
15°	29964.4	31001.6	31727.0	31997.5	31727.0	31001.6	29964.4	28573.0	27068.3	25115.6	22648.5
12.5°	32868.2	34671.7	35630.5	35851.5	35630.5	34671.7	32868.2	30917.7	28901.0	27070.6	24694.9
10°	37160.3	39932.4	40246.6	39816.5	40246.6	39932.4	37160.3	34065.2	31041.2	28656.0	26273.7
7.5°	43411.1	47107.5	46308.3	44977.1	46308.3	47107.5	43411.1	37584.3	33222.7	30037.1	27411.5
5°	47884.3	53016.4	53175.8	52198.4	53175.8	53016.4	47884.3	41399.6	35546.2	31284.7	28319.1
2.5°	49665.2	54948.1	57577.5	58008.5	57577.5	54948.1	49665.2	42962.4	36847.1	32022.1	28912.8
0°	49798.5	55570.6	58688.1	59462.5	58688.1	55570.6	49798.5	43249.4	37064.7	32232.1	29134.7
-2.5°	49665.2	54948.1	57577.5	58008.5	57577.5	54948.1	49665.2	42962.4	36847.1	32022.1	28912.8
-5°	47884.3	53016.4	53175.8	52198.4	53175.8	53016.4	47884.3	41399.6	35546.2	31284.7	28319.1
-7.5°	43411.1	47107.5	46308.3	44977.1	46308.3	47107.5	43411.1	37584.3	33222.7	30037.1	27411.5
-10°	37160.3	39932.4	40246.6	39816.5	40246.6	39932.4	37160.3	34065.2	31041.2	28656.0	26273.7
-12.5°	32868.2	34671.7	35630.5	35851.5	35630.5	34671.7	32868.2	30917.7	28901.0	27070.6	24694.9
-15°	29964.4	31001.6	31727.0	31997.5	31727.0	31001.6	29964.4	28573.0	27068.3	25115.6	22648.5
-17.5°	27661.7	28464.6	29079.8	29238.1	29079.8	28464.6	27661.7	26479.1	24805.5	22707.1	19856.2
-20°	25058.3	26017.5	26560.7	26794.1	26560.7	26017.5	25058.3	23770.1	21882.3	19493.9	16217.4



REPORT NUMBER: P559108 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	21674.3	22780.3	23412.0	23790.0	23412.0	22780.3	21674.3	20203.4	18066.8	15292.3	12084.4
-25°	17257.7	18494.8	19225.1	19494.6	19225.1	18494.8	17257.7	15567.0	13367.9	10617.1	7740.2
-27.5°	11849.2	13193.2	14066.2	13993.6	14066.2	13193.2	11849.2	10166.1	8111.7	6561.5	4782.7
-30°	6788.6	7529.8	8037.7	7967.8	8037.7	7529.8	6788.6	5932.8	4830.4	4008.7	3318.8
-32.5°	3946.3	4210.8	4369.0	4388.7	4369.0	4210.8	3946.3	3594.8	3138.3	2713.7	2373.5
-35°	2573.3	2708.1	2787.5	2804.8	2787.5	2708.1	2573.3	2389.2	2162.9	1922.2	1717.1
-37.5°	1732.8	1791.6	1825.0	1853.9	1825.0	1791.6	1732.8	1642.1	1520.9	1366.1	1263.8
-40°	1220.8	1244.3	1255.6	1263.7	1255.6	1244.3	1220.8	1179.6	1122.2	1045.7	973.6
-42.5°	928.4	941.6	947.3	948.4	947.3	941.6	928.4	904.4	868.1	818.1	764.5
-45°	732.3	741.0	745.2	746.6	745.2	741.0	732.3	715.9	690.8	658.9	624.0
-47.5°	598.5	602.0	604.1	605.3	604.1	602.0	598.5	591.8	582.6	571.0	556.4
-50°	537.9	540.1	542.5	544.8	542.5	540.1	537.9	534.6	530.9	526.5	520.3
-52.5°	506.9	506.6	507.7	509.5	507.7	506.6	506.9	506.7	506.1	504.9	503.2
-55°	495.8	493.3	492.0	491.8	492.0	493.3	495.8	498.7	501.7	505.3	509.2
-57.5°	512.2	509.3	507.5	507.0	507.5	509.3	512.2	515.5	519.1	523.5	528.0
-60°	541.4	544.1	544.8	544.8	544.8	544.1	541.4	538.4	534.7	531.7	528.3
-62.5°	530.6	538.3	541.5	542.3	541.5	538.3	530.6	522.0	512.7	503.4	493.3
-65°	466.5	470.9	472.3	471.7	472.3	470.9	466.5	460.8	453.9	445.1	434.3
-67.5°	392.1	393.8	395.4	396.0	395.4	393.8	392.1	389.0	384.6	377.8	369.0
-70°	326.1	328.5	329.9	330.4	329.9	328.5	326.1	322.7	318.5	313.2	306.8
-72.5°	266.4	268.3	268.3	267.4	268.3	268.3	266.4	263.7	260.3	256.1	250.6
-75°	209.7	210.6	211.6	211.9	211.6	210.6	209.7	208.1	205.8	202.7	198.1
-77.5°	155.1	155.6	155.0	153.9	155.0	155.6	155.1	154.1	152.5	150.2	147.2
-80°	110.8	112.8	112.1	111.0	112.1	112.8	110.8	108.6	106.2	103.7	102.4
-82.5°	72.3	72.7	73.0	73.1	73.0	72.7	72.3	71.6	70.8	69.7	68.5
-85°	40.0	40.2	41.6	42.9	41.6	40.2	40.0	39.6	39.1	38.5	37.8
-87.5°	14.3	15.0	15.1	15.1	15.1	15.0	14.3	13.6	12.9	12.2	12.0
-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: P559108 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-930-U-MR-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°	11.8	11.6	11.4	11.7	12.0	12.2	12.4	12.0	11.6	11.1	10.7
85°	37.0	36.2	35.2	33.7	32.3	30.9	29.6	28.4	27.2	25.9	24.5
82.5°	67.2	65.6	63.8	61.7	59.3	56.7	53.9	51.1	48.2	45.2	42.0
80°	100.9	99.0	96.7	94.1	91.1	87.8	84.1	80.0	75.5	71.1	66.8
77.5°	143.9	140.2	136.3	132.2	127.8	123.0	117.7	112.4	107.3	101.7	95.4
75°	193.0	187.4	181.7	176.1	170.0	163.3	156.7	149.8	142.5	134.8	126.2
72.5°	244.3	237.4	230.3	223.4	215.6	207.5	198.6	189.0	179.3	169.6	159.3
70°	299.3	290.8	282.0	273.3	264.5	255.0	243.4	230.6	217.1	204.5	192.4
67.5°	359.4	349.0	338.2	326.6	315.0	303.1	289.9	275.3	260.1	244.2	228.0
65°	422.3	409.4	397.1	384.3	370.0	354.4	337.3	320.7	303.8	285.7	266.6
62.5°	482.0	469.7	458.3	444.0	428.1	410.3	391.0	371.0	349.9	327.8	306.7
60°	524.2	520.0	509.0	496.6	483.1	467.5	445.9	423.1	399.1	374.2	348.3
57.5°	532.3	533.9	531.5	528.8	525.7	512.3	493.8	474.2	449.5	421.1	391.5
55°	513.4	519.5	526.4	533.8	538.4	532.5	527.2	515.0	492.6	468.7	436.8
52.5°	502.3	507.6	512.8	518.0	524.8	531.0	536.1	530.4	525.5	505.1	478.5
50°	515.3	513.2	510.5	509.9	513.7	517.1	523.1	530.1	533.1	527.3	512.4
47.5°	546.9	537.3	526.5	520.5	514.1	509.1	513.0	518.3	527.8	535.6	528.4
45°	605.3	582.9	559.1	545.3	529.7	519.8	510.2	511.7	518.3	527.6	537.1
42.5°	718.7	664.6	622.4	589.5	559.0	541.1	524.7	515.0	512.6	519.7	527.9
40°	896.9	807.2	738.9	662.0	613.1	572.6	548.5	527.9	517.6	514.4	519.2
37.5°	1143.7	1020.0	908.1	791.5	703.4	627.8	582.7	551.6	528.9	516.9	513.4
35°	1484.1	1303.3	1131.7	979.4	832.2	725.0	633.5	583.7	549.9	525.7	512.2
32.5°	1994.9	1715.6	1419.5	1217.1	1018.0	849.9	726.1	630.0	573.2	541.3	520.0
30°	2738.1	2278.9	1871.5	1505.1	1245.1	1019.2	834.5	703.0	611.1	558.0	529.1
27.5°	3806.7	2992.3	2446.5	1926.7	1505.2	1221.1	984.0	787.5	656.3	585.5	543.4
25°	5709.2	4117.2	3134.1	2450.2	1883.8	1434.4	1144.8	908.5	728.8	614.3	556.3
22.5°	8507.5	6035.7	4132.5	3025.5	2320.6	1753.4	1330.2	1034.8	797.2	656.7	579.2
20°	12546.5	8578.3	5791.0	3905.8	2828.7	2066.3	1535.5	1176.9	904.2	713.9	601.7
17.5°	16227.9	12137.0	7841.9	4948.5	3462.1	2494.8	1801.4	1313.5	996.1	764.7	621.7
15°	19411.8	15218.6	10628.1	6678.9	4142.8	2889.3	2049.7	1436.1	1082.8	825.6	659.5
12.5°	21672.5	17761.0	13190.0	8173.8	4938.6	3332.4	2342.7	1632.8	1176.7	885.8	693.9
10°	23557.6	19759.1	15293.9	10165.9	6078.7	3809.1	2603.8	1797.9	1256.4	932.0	721.0
7.5°	24697.5	21237.1	16909.2	11846.7	7013.8	4209.2	2819.3	1921.3	1320.4	965.0	740.9
5°	25568.2	22292.0	18083.4	13115.7	7783.0	4510.9	2990.4	2004.0	1367.0	985.1	753.9
2.5°	26213.6	22897.0	18824.3	13882.3	8263.9	4708.7	3104.8	2062.8	1390.1	1002.9	764.8
0°	26309.8	23093.9	18869.1	14021.3	8141.9	4799.9	3150.3	2098.5	1389.8	1011.4	769.3
-2.5°	26213.6	22897.0	18824.3	13882.3	8263.9	4708.7	3104.8	2062.8	1390.1	1002.9	764.8
-5°	25568.2	22292.0	18083.4	13115.7	7783.0	4510.9	2990.4	2004.0	1367.0	985.1	753.9
-7.5°	24697.5	21237.1	16909.2	11846.7	7013.8	4209.2	2819.3	1921.3	1320.4	965.0	740.9
-10°	23557.6	19759.1	15293.9	10165.9	6078.7	3809.1	2603.8	1797.9	1256.4	932.0	721.0
-12.5°	21672.5	17761.0	13190.0	8173.8	4938.6	3332.4	2342.7	1632.8	1176.7	885.8	693.9
-15°	19411.8	15218.6	10628.1	6678.9	4142.8	2889.3	2049.7	1436.1	1082.8	825.6	659.5
-17.5°	16227.9	12137.0	7841.9	4948.5	3462.1	2494.8	1801.4	1313.5	996.1	764.7	621.7
-20°	12546.5	8578.3	5791.0	3905.8	2828.7	2066.3	1535.5	1176.9	904.2	713.9	601.7



REPORT NUMBER: P559108 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8507.5	6035.7	4132.5	3025.5	2320.6	1753.4	1330.2	1034.8	797.2	656.7	579.2
-25°	5709.2	4117.2	3134.1	2450.2	1883.8	1434.4	1144.8	908.5	728.8	614.3	556.3
-27.5°	3806.7	2992.3	2446.5	1926.7	1505.2	1221.1	984.0	787.5	656.3	585.5	543.4
-30°	2738.1	2278.9	1871.5	1505.1	1245.1	1019.2	834.5	703.0	611.1	558.0	529.1
-32.5°	1994.9	1715.6	1419.5	1217.1	1018.0	849.9	726.1	630.0	573.2	541.3	520.0
-35°	1484.1	1303.3	1131.7	979.4	832.2	725.0	633.5	583.7	549.9	525.7	512.2
-37.5°	1143.7	1020.0	908.1	791.5	703.4	627.8	582.7	551.6	528.9	516.9	513.4
-40°	896.9	807.2	738.9	662.0	613.1	572.6	548.5	527.9	517.6	514.4	519.2
-42.5°	718.7	664.6	622.4	589.5	559.0	541.1	524.7	515.0	512.6	519.7	527.9
-45°	605.3	582.9	559.1	545.3	529.7	519.8	510.2	511.7	518.3	527.6	537.1
-47.5°	546.9	537.3	526.5	520.5	514.1	509.1	513.0	518.3	527.8	535.6	528.4
-50°	515.3	513.2	510.5	509.9	513.7	517.1	523.1	530.1	533.1	527.3	512.4
-52.5°	502.3	507.6	512.8	518.0	524.8	531.0	536.1	530.4	525.5	505.1	478.5
-55°	513.4	519.5	526.4	533.8	538.4	532.5	527.2	515.0	492.6	468.7	436.8
-57.5°	532.3	533.9	531.5	528.8	525.7	512.3	493.8	474.2	449.5	421.1	391.5
-60°	524.2	520.0	509.0	496.6	483.1	467.5	445.9	423.1	399.1	374.2	348.3
-62.5°	482.0	469.7	458.3	444.0	428.1	410.3	391.0	371.0	349.9	327.8	306.7
-65°	422.3	409.4	397.1	384.3	370.0	354.4	337.3	320.7	303.8	285.7	266.6
-67.5°	359.4	349.0	338.2	326.6	315.0	303.1	289.9	275.3	260.1	244.2	228.0
-70°	299.3	290.8	282.0	273.3	264.5	255.0	243.4	230.6	217.1	204.5	192.4
-72.5°	244.3	237.4	230.3	223.4	215.6	207.5	198.6	189.0	179.3	169.6	159.3
-75°	193.0	187.4	181.7	176.1	170.0	163.3	156.7	149.8	142.5	134.8	126.2
-77.5°	143.9	140.2	136.3	132.2	127.8	123.0	117.7	112.4	107.3	101.7	95.4
-80°	100.9	99.0	96.7	94.1	91.1	87.8	84.1	80.0	75.5	71.1	66.8
-82.5°	67.2	65.6	63.8	61.7	59.3	56.7	53.9	51.1	48.2	45.2	42.0
-85°	37.0	36.2	35.2	33.7	32.3	30.9	29.6	28.4	27.2	25.9	24.5
-87.5°	11.8	11.6	11.4	11.7	12.0	12.2	12.4	12.0	11.6	11.1	10.7
-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: P559108 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.2	9.7	9.2	8.7	8.1	7.5	7.0	6.4	5.8	5.2	4.5
85°	23.3	21.9	20.4	18.8	17.0	15.1	13.9	12.7	11.5	10.3	9.1
82.5°	39.3	37.4	35.4	33.3	30.5	27.7	24.8	21.8	18.9	15.7	13.6
80°	62.6	58.3	54.1	49.7	44.9	40.2	36.3	32.4	28.7	24.7	20.5
77.5°	88.4	81.3	74.3	68.1	61.8	55.6	49.4	43.5	38.6	33.7	28.5
75°	116.5	107.5	98.6	89.5	80.1	70.8	63.2	56.0	49.2	42.7	36.6
72.5°	148.0	136.4	124.3	111.8	100.6	89.4	78.3	68.2	60.1	52.2	44.6
70°	179.7	166.2	152.4	137.8	122.7	107.9	95.1	82.9	70.9	61.6	52.7
67.5°	211.6	196.8	181.1	164.0	147.0	129.8	112.2	98.0	84.6	70.9	60.6
65°	247.9	229.0	210.0	191.4	171.8	151.9	132.6	114.0	98.0	82.9	68.4
62.5°	284.8	262.6	241.0	218.9	197.3	175.2	152.8	132.5	111.9	94.7	77.9
60°	322.5	297.8	272.0	247.3	222.9	198.7	174.2	150.6	128.3	106.2	88.0
57.5°	362.6	333.3	304.9	276.0	248.5	222.0	195.4	169.2	144.2	119.8	97.9
55°	403.1	370.5	337.8	306.1	274.5	244.7	216.1	187.5	160.0	133.7	107.6
52.5°	446.0	408.0	371.4	336.1	301.8	267.7	236.8	205.1	175.6	147.2	119.1
50°	483.0	446.6	405.2	366.2	328.6	292.5	257.2	223.6	190.6	160.3	130.5
47.5°	513.5	479.1	439.5	395.9	355.4	316.7	278.7	241.9	205.0	172.9	141.3
45°	526.5	507.2	469.7	426.2	381.6	340.7	300.0	259.8	221.0	185.0	151.6
42.5°	534.0	521.8	495.3	454.8	408.8	364.0	320.6	278.2	236.6	196.7	161.7
40°	526.8	528.8	515.3	478.8	435.6	386.5	340.9	296.0	251.8	208.6	171.5
37.5°	518.2	527.2	521.8	502.1	460.2	410.1	360.4	313.0	266.3	221.4	180.8
35°	513.0	519.5	528.8	515.5	480.5	432.7	379.0	329.3	280.5	233.4	189.8
32.5°	508.4	513.3	523.6	521.5	499.5	454.3	397.7	344.9	293.9	244.6	198.2
30°	512.5	509.7	517.7	526.9	513.5	470.9	416.0	359.4	306.4	255.0	206.4
27.5°	518.4	505.9	512.5	524.4	518.0	486.0	432.7	373.0	318.0	264.8	214.9
25°	525.3	508.3	509.1	519.5	522.0	499.6	447.9	385.5	329.0	274.2	222.6
22.5°	536.2	512.4	505.6	515.0	525.8	512.1	460.4	398.1	339.1	282.8	229.6
20°	545.9	515.8	502.3	510.8	525.1	515.2	470.6	409.3	348.2	290.5	235.8
17.5°	555.9	521.0	504.3	508.0	521.5	518.0	479.9	419.1	356.3	297.3	241.3
15°	572.3	528.1	506.7	505.6	518.1	520.4	488.1	427.6	363.3	303.2	246.2
12.5°	586.3	534.0	508.6	503.5	514.9	522.5	495.1	434.6	369.3	308.2	250.3
10°	597.6	538.7	509.8	501.8	512.0	524.2	501.1	441.0	374.6	312.0	253.7
7.5°	606.3	542.1	510.4	500.5	509.5	525.5	506.5	447.4	379.1	314.9	256.4
5°	612.6	545.9	512.3	499.9	508.1	526.5	510.6	452.7	382.5	316.8	258.3
2.5°	618.0	551.0	514.9	499.5	507.3	527.0	513.2	456.6	384.8	317.8	259.4
0°	620.5	554.9	517.1	499.4	507.0	527.2	514.5	459.1	385.9	317.8	259.8
-2.5°	618.0	551.0	514.9	499.5	507.3	527.0	513.2	456.6	384.8	317.8	259.4
-5°	612.6	545.9	512.3	499.9	508.1	526.5	510.6	452.7	382.5	316.8	258.3
-7.5°	606.3	542.1	510.4	500.5	509.5	525.5	506.5	447.4	379.1	314.9	256.4
-10°	597.6	538.7	509.8	501.8	512.0	524.2	501.1	441.0	374.6	312.0	253.7
-12.5°	586.3	534.0	508.6	503.5	514.9	522.5	495.1	434.6	369.3	308.2	250.3
-15°	572.3	528.1	506.7	505.6	518.1	520.4	488.1	427.6	363.3	303.2	246.2
-17.5°	555.9	521.0	504.3	508.0	521.5	518.0	479.9	419.1	356.3	297.3	241.3
-20°	545.9	515.8	502.3	510.8	525.1	515.2	470.6	409.3	348.2	290.5	235.8



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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°	536.2	512.4	505.6	515.0	525.8	512.1	460.4	398.1	339.1	282.8	229.6
-25°	525.3	508.3	509.1	519.5	522.0	499.6	447.9	385.5	329.0	274.2	222.6
-27.5°	518.4	505.9	512.5	524.4	518.0	486.0	432.7	373.0	318.0	264.8	214.9
-30°	512.5	509.7	517.7	526.9	513.5	470.9	416.0	359.4	306.4	255.0	206.4
-32.5°	508.4	513.3	523.6	521.5	499.5	454.3	397.7	344.9	293.9	244.6	198.2
-35°	513.0	519.5	528.8	515.5	480.5	432.7	379.0	329.3	280.5	233.4	189.8
-37.5°	518.2	527.2	521.8	502.1	460.2	410.1	360.4	313.0	266.3	221.4	180.8
-40°	526.8	528.8	515.3	478.8	435.6	386.5	340.9	296.0	251.8	208.6	171.5
-42.5°	534.0	521.8	495.3	454.8	408.8	364.0	320.6	278.2	236.6	196.7	161.7
-45°	526.5	507.2	469.7	426.2	381.6	340.7	300.0	259.8	221.0	185.0	151.6
-47.5°	513.5	479.1	439.5	395.9	355.4	316.7	278.7	241.9	205.0	172.9	141.3
-50°	483.0	446.6	405.2	366.2	328.6	292.5	257.2	223.6	190.6	160.3	130.5
-52.5°	446.0	408.0	371.4	336.1	301.8	267.7	236.8	205.1	175.6	147.2	119.1
-55°	403.1	370.5	337.8	306.1	274.5	244.7	216.1	187.5	160.0	133.7	107.6
-57.5°	362.6	333.3	304.9	276.0	248.5	222.0	195.4	169.2	144.2	119.8	97.9
-60°	322.5	297.8	272.0	247.3	222.9	198.7	174.2	150.6	128.3	106.2	88.0
-62.5°	284.8	262.6	241.0	218.9	197.3	175.2	152.8	132.5	111.9	94.7	77.9
-65°	247.9	229.0	210.0	191.4	171.8	151.9	132.6	114.0	98.0	82.9	68.4
-67.5°	211.6	196.8	181.1	164.0	147.0	129.8	112.2	98.0	84.6	70.9	60.6
-70°	179.7	166.2	152.4	137.8	122.7	107.9	95.1	82.9	70.9	61.6	52.7
-72.5°	148.0	136.4	124.3	111.8	100.6	89.4	78.3	68.2	60.1	52.2	44.6
-75°	116.5	107.5	98.6	89.5	80.1	70.8	63.2	56.0	49.2	42.7	36.6
-77.5°	88.4	81.3	74.3	68.1	61.8	55.6	49.4	43.5	38.6	33.7	28.5
-80°	62.6	58.3	54.1	49.7	44.9	40.2	36.3	32.4	28.7	24.7	20.5
-82.5°	39.3	37.4	35.4	33.3	30.5	27.7	24.8	21.8	18.9	15.7	13.6
-85°	23.3	21.9	20.4	18.8	17.0	15.1	13.9	12.7	11.5	10.3	9.1
-87.5°	10.2	9.7	9.2	8.7	8.1	7.5	7.0	6.4	5.8	5.2	4.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.9	3.3	2.6	2.0	1.3	0.7	0.0
85°	7.8	6.5	5.2	3.9	2.6	1.3	0.0
82.5°	11.7	9.8	7.8	5.9	3.9	2.0	0.0
80°	15.9	13.0	10.4	7.8	5.2	2.6	0.0
77.5°	23.0	17.1	13.0	9.8	6.5	3.3	0.0
75°	29.9	22.8	15.9	11.7	7.8	3.9	0.0
72.5°	36.8	28.4	20.3	13.6	9.1	4.5	0.0
70°	43.6	33.9	24.7	15.7	10.3	5.2	0.0
67.5°	50.4	39.4	28.9	18.8	11.5	5.8	0.0
65°	57.1	44.9	33.1	21.9	12.7	6.4	0.0
62.5°	63.8	50.7	37.2	24.9	13.9	7.0	0.0
60°	70.3	56.3	41.1	27.9	15.1	7.5	0.0
57.5°	78.7	61.9	45.6	30.7	17.0	8.1	0.0
55°	87.0	67.3	50.1	33.5	18.9	8.7	0.0
52.5°	95.1	72.9	54.5	36.1	20.7	9.2	0.0
50°	102.9	79.5	58.7	38.7	22.5	9.7	0.0
47.5°	110.7	85.8	62.9	41.3	24.2	10.2	0.0
45°	119.5	91.9	66.9	44.3	25.9	10.7	0.0
42.5°	127.9	97.7	70.8	47.2	27.5	11.1	0.0
40°	135.8	103.3	74.9	50.1	29.0	11.6	0.0
37.5°	143.2	108.6	79.2	52.8	30.5	12.0	0.0
35°	150.2	114.2	83.2	55.3	31.9	12.4	0.0
32.5°	156.8	119.6	87.0	57.6	33.3	12.7	0.0
30°	163.6	124.7	90.5	59.8	34.5	13.1	0.0
27.5°	169.8	129.3	93.6	61.7	35.7	13.4	0.0
25°	175.6	133.5	96.3	63.5	36.8	13.7	0.0
22.5°	180.9	137.3	98.8	65.0	37.8	13.9	0.0
20°	185.7	140.4	101.0	66.4	38.8	14.2	0.0
17.5°	189.9	143.2	102.9	67.6	39.6	14.4	0.0
15°	193.7	145.6	104.6	68.5	40.4	14.6	0.0
12.5°	196.8	147.6	106.0	69.3	41.1	14.7	0.0
10°	199.5	149.1	107.1	69.9	41.6	14.9	0.0
7.5°	201.6	150.3	107.8	70.4	42.1	15.0	0.0
5°	203.1	151.0	108.4	70.6	42.5	15.0	0.0
2.5°	204.0	151.4	108.6	70.7	42.7	15.1	0.0
0°	204.3	151.3	108.5	70.6	42.9	15.1	0.0
-2.5°	204.0	151.4	108.6	70.7	42.7	15.1	0.0
-5°	203.1	151.0	108.4	70.6	42.5	15.0	0.0
-7.5°	201.6	150.3	107.8	70.4	42.1	15.0	0.0
-10°	199.5	149.1	107.1	69.9	41.6	14.9	0.0
-12.5°	196.8	147.6	106.0	69.3	41.1	14.7	0.0
-15°	193.7	145.6	104.6	68.5	40.4	14.6	0.0
-17.5°	189.9	143.2	102.9	67.6	39.6	14.4	0.0
-20°	185.7	140.4	101.0	66.4	38.8	14.2	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	180.9	137.3	98.8	65.0	37.8	13.9	0.0
-25°	175.6	133.5	96.3	63.5	36.8	13.7	0.0
-27.5°	169.8	129.3	93.6	61.7	35.7	13.4	0.0
-30°	163.6	124.7	90.5	59.8	34.5	13.1	0.0
-32.5°	156.8	119.6	87.0	57.6	33.3	12.7	0.0
-35°	150.2	114.2	83.2	55.3	31.9	12.4	0.0
-37.5°	143.2	108.6	79.2	52.8	30.5	12.0	0.0
-40°	135.8	103.3	74.9	50.1	29.0	11.6	0.0
-42.5°	127.9	97.7	70.8	47.2	27.5	11.1	0.0
-45°	119.5	91.9	66.9	44.3	25.9	10.7	0.0
-47.5°	110.7	85.8	62.9	41.3	24.2	10.2	0.0
-50°	102.9	79.5	58.7	38.7	22.5	9.7	0.0
-52.5°	95.1	72.9	54.5	36.1	20.7	9.2	0.0
-55°	87.0	67.3	50.1	33.5	18.9	8.7	0.0
-57.5°	78.7	61.9	45.6	30.7	17.0	8.1	0.0
-60°	70.3	56.3	41.1	27.9	15.1	7.5	0.0
-62.5°	63.8	50.7	37.2	24.9	13.9	7.0	0.0
-65°	57.1	44.9	33.1	21.9	12.7	6.4	0.0
-67.5°	50.4	39.4	28.9	18.8	11.5	5.8	0.0
-70°	43.6	33.9	24.7	15.7	10.3	5.2	0.0
-72.5°	36.8	28.4	20.3	13.6	9.1	4.5	0.0
-75°	29.9	22.8	15.9	11.7	7.8	3.9	0.0
-77.5°	23.0	17.1	13.0	9.8	6.5	3.3	0.0
-80°	15.9	13.0	10.4	7.8	5.2	2.6	0.0
-82.5°	11.7	9.8	7.8	5.9	3.9	2.0	0.0
-85°	7.8	6.5	5.2	3.9	2.6	1.3	0.0
-87.5°	3.9	3.3	2.6	2.0	1.3	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)