

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: P558905 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-940-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558905 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA4B-940-U-TSB-XX
Description: GALLEON FLOOD, FOUR LIGHT SQUARE, TIGHT SPOT BAFFLE N1
Light Source: (64) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

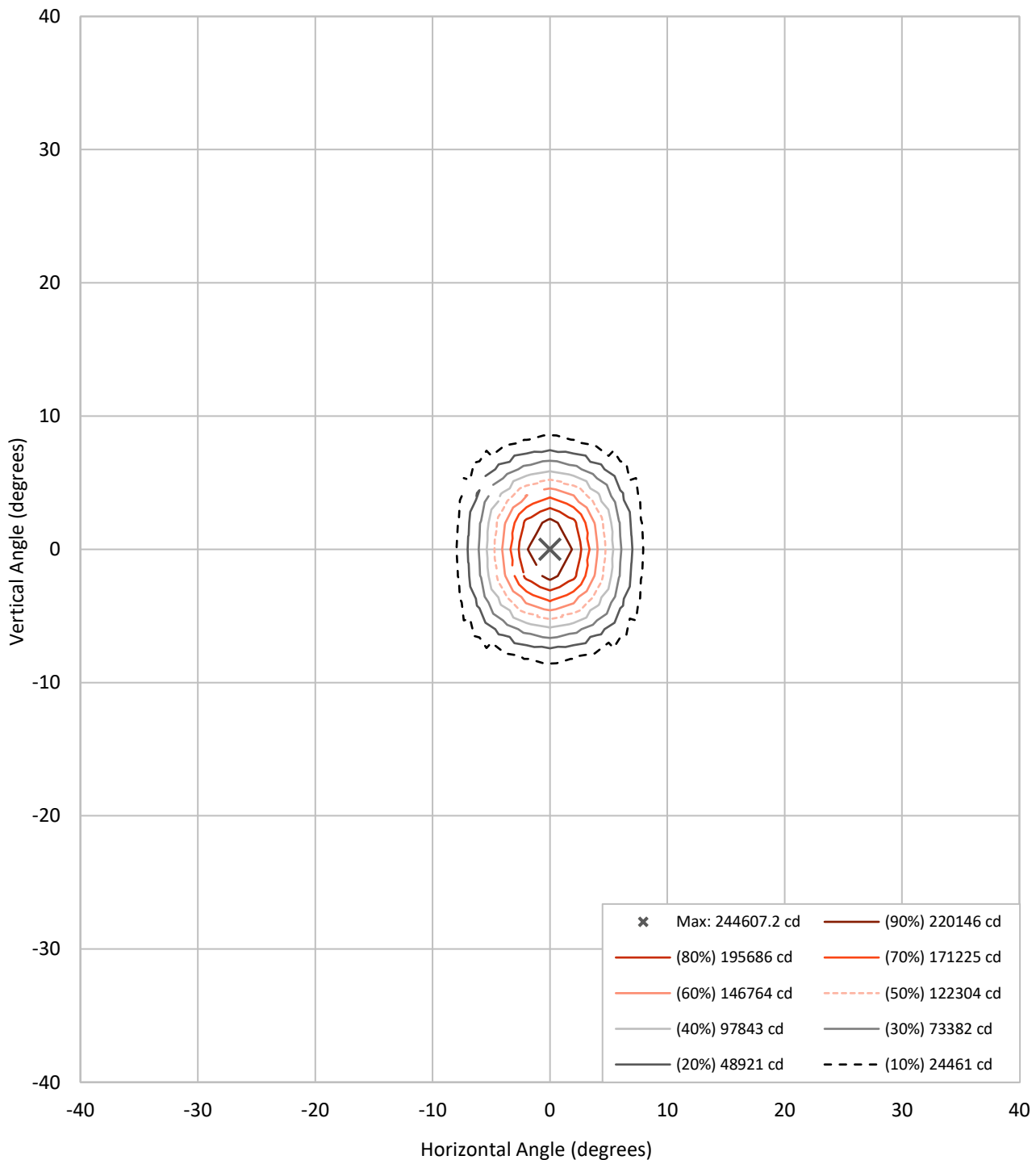
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	9525.5 lumens	Max Intensity:	244607.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	75.6 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	4082.8 lumens	Field Lumens:	7036.7 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 126
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





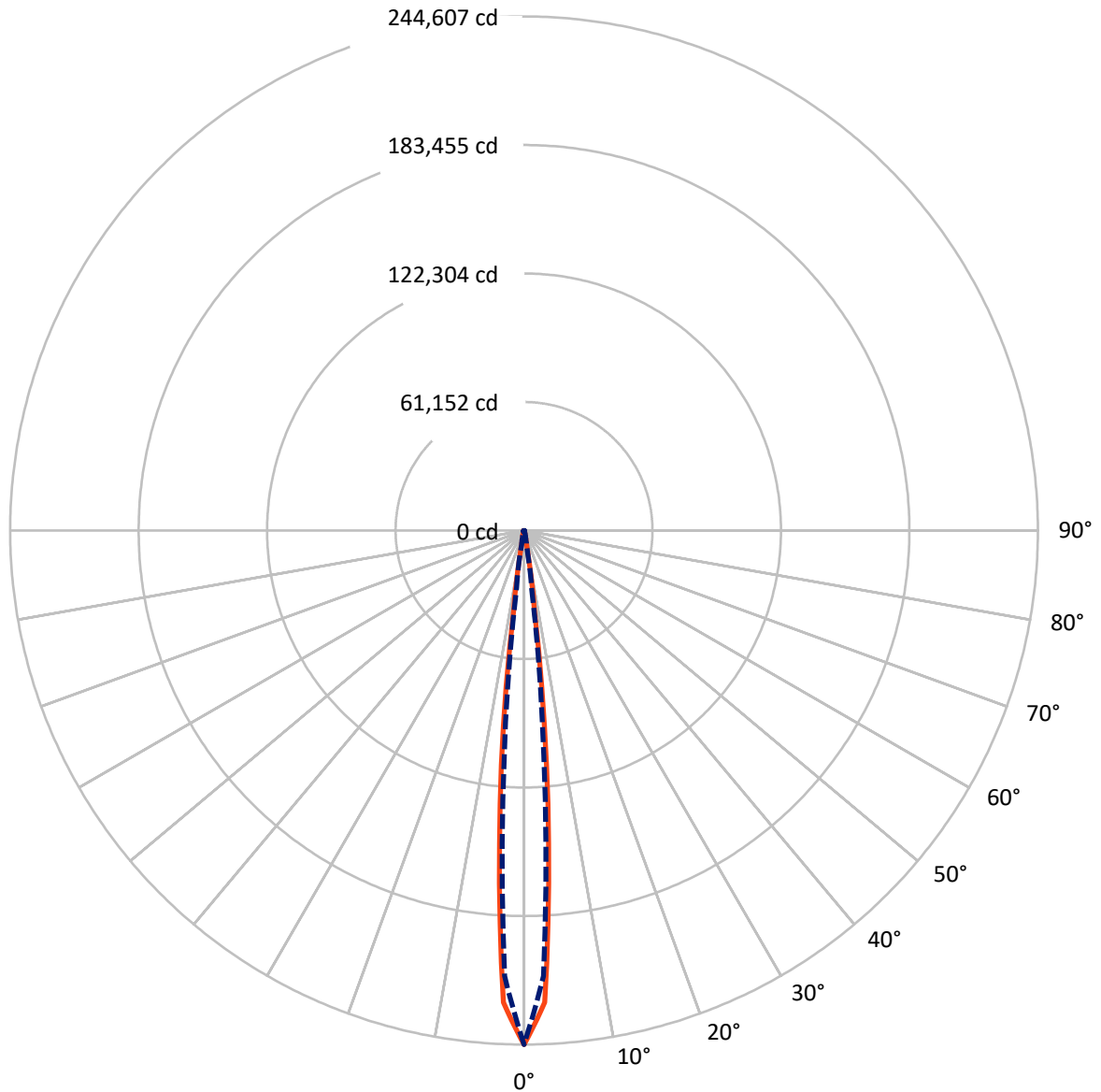
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Lumen Table

90	0.0	0.3	1.0	2.3	3.9	2.3	1.0	0.3	0.0							
80	0.0	0.3	1.0	2.3	3.9	2.3	1.0	0.3	0.0							
70	0.2	0.2	0.5	1.0	1.6	2.1	3.3	5.9	5.9	3.3	2.1	1.6	1.0	0.5	0.2	0.2
60		0.4	0.9	1.9	3.1	4.2	5.7	7.7	7.7	5.7	4.2	3.1	1.9	0.9	0.4	
50	0.5	0.7	1.5	3.1	5.4	8.1	10.4	12.4	12.4	10.4	8.1	5.4	3.1	1.5	0.7	0.5
40		1.0	2.1	4.6	8.4	11.3	12.8	13.5	13.5	12.8	11.3	8.4	4.6	2.1	1.0	
30	1.0	1.5	2.9	6.5	10.3	12.3	16.7	22.0	22.0	16.7	12.3	10.3	6.5	2.9	1.5	1.0
20		2.1	4.1	8.3	11.4	16.1	32.7	65.4	65.4	32.7	16.1	11.4	8.3	4.1	2.1	
10	1.1	2.3	4.9	9.2	11.8	20.7	64.7	1913.8	1913.8	64.7	20.7	11.8	9.2	4.9	2.3	1.1
0		2.3	4.9	9.2	11.8	20.7	64.7	1913.8	1913.8	64.7	20.7	11.8	9.2	4.9	2.3	
-10	1.0	2.1	4.1	8.3	11.4	16.1	32.7	65.4	65.4	32.7	16.1	11.4	8.3	4.1	2.1	1.0
-20		1.5	2.9	6.5	10.3	12.3	16.7	22.0	22.0	16.7	12.3	10.3	6.5	2.9	1.5	
-30	0.5	1.0	2.1	4.6	8.4	11.3	12.8	13.5	13.5	12.8	11.3	8.4	4.6	2.1	1.0	0.5
-40		0.7	1.5	3.1	5.4	8.1	10.4	12.4	12.4	10.4	8.1	5.4	3.1	1.5	0.7	
-50	0.2	0.4	0.9	1.9	3.1	4.2	5.7	7.7	7.7	5.7	4.2	3.1	1.9	0.9	0.4	0.2
-60		0.2	0.5	1.0	1.6	2.1	3.3	5.9	5.9	3.3	2.1	1.6	1.0	0.5	0.2	
-70	0.0	0.3	1.0	2.3	3.9	2.3	1.0	0.3	0.0							
-80		0.0	0.3	1.0	2.3	3.9	2.3	1.0	0.3	0.0						
-90	0.0	0.3	1.0	2.3	3.9	2.3	1.0	0.3	0.0							

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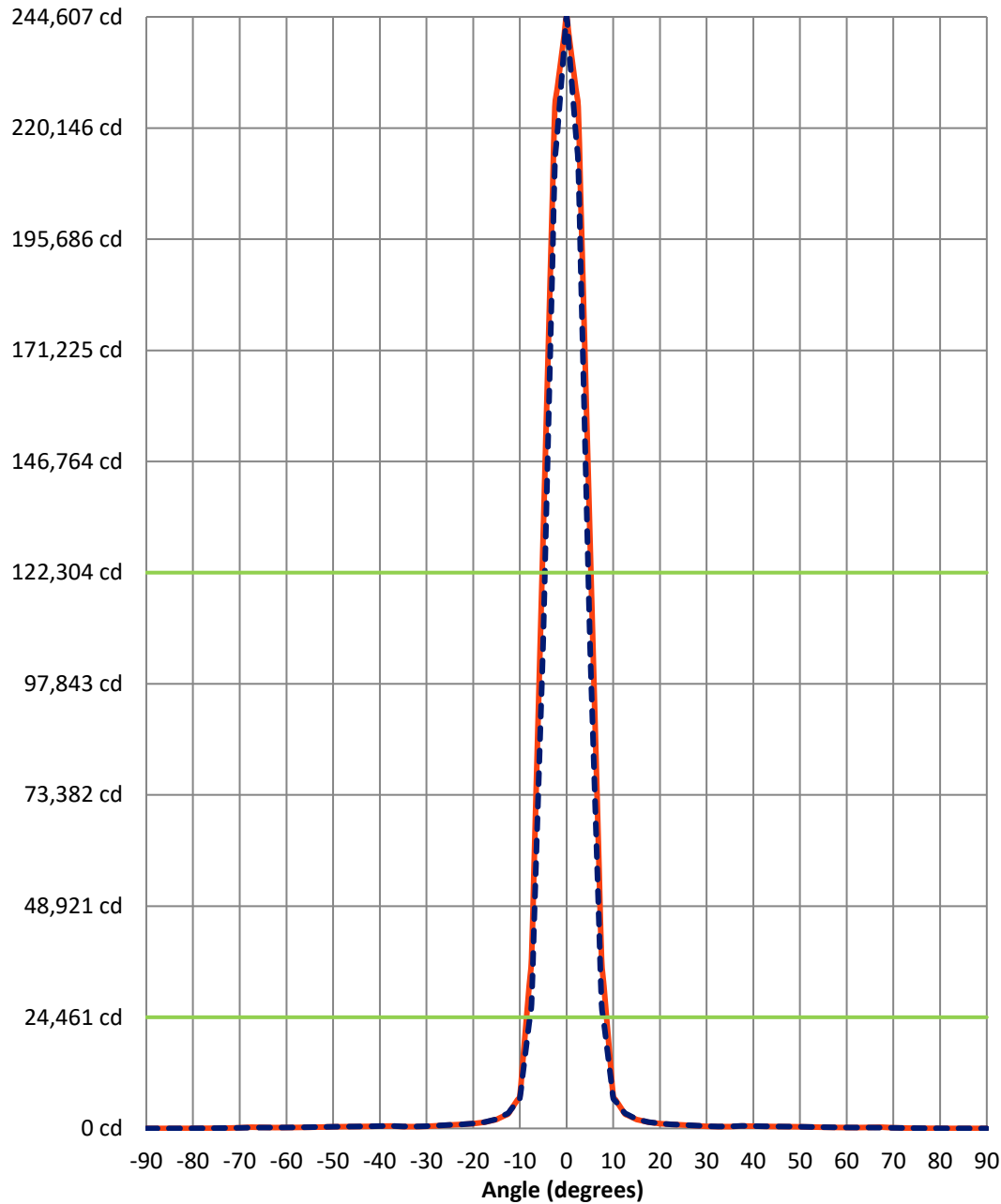
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 9.3°
V Angle: 10.4°
Lumens: 4082.8
Efficiency: 42.9%

Field:
H Angle: 15.7°
V Angle: 17.1°
Lumens: 7036.7
Efficiency: 73.9%

Spill:
Lumens: 2488.9
Efficiency: 26.1%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.2
85°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.1	2.4
82.5°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.5	2.8	2.8	2.8
80°	0.0	0.5	1.0	1.5	1.9	2.4	2.8	2.8	2.8	2.8	2.8
77.5°	0.0	0.6	1.2	1.8	2.4	2.8	2.8	2.8	2.8	2.8	3.1
75°	0.0	0.7	1.4	2.2	2.8	2.8	2.8	2.8	2.9	3.7	4.3
72.5°	0.0	0.8	1.7	2.5	2.8	2.8	2.8	3.1	4.1	4.9	5.5
70°	0.0	1.0	1.9	2.8	2.8	2.8	2.9	4.2	5.3	6.2	7.6
67.5°	0.0	1.1	2.1	2.8	2.8	2.8	4.0	5.4	6.6	8.4	10.0
65°	0.0	1.2	2.4	2.8	2.8	3.3	5.0	6.5	8.6	10.6	12.7
62.5°	0.0	1.3	2.6	2.8	2.8	4.2	6.1	8.2	10.7	13.1	16.4
60°	0.0	1.4	2.8	2.8	2.8	5.1	7.1	10.1	12.8	16.6	20.0
57.5°	0.0	1.5	2.8	2.8	3.5	6.0	8.9	12.0	15.8	20.1	24.2
55°	0.0	1.6	2.8	2.8	4.3	6.9	10.8	14.1	19.1	23.8	28.8
52.5°	0.0	1.7	2.9	2.8	5.0	7.9	12.8	17.2	22.3	28.2	33.4
50°	0.0	1.8	2.9	2.8	5.7	9.7	14.8	20.5	25.8	32.5	39.0
47.5°	0.0	1.9	2.9	2.9	6.4	11.4	17.0	24.0	29.8	37.0	44.9
45°	0.0	2.0	3.0	3.4	7.1	13.2	20.1	27.6	34.6	42.5	51.0
42.5°	0.0	2.1	3.0	3.9	7.8	15.0	23.3	31.7	39.6	48.2	58.1
40°	0.0	2.1	3.1	4.4	8.8	16.7	26.5	36.1	45.1	54.1	65.7
37.5°	0.0	2.2	3.1	4.9	10.2	18.5	29.7	40.7	51.3	61.6	73.6
35°	0.0	2.3	3.2	5.3	11.5	20.8	32.9	45.4	57.6	70.1	81.1
32.5°	0.0	2.4	3.2	5.7	12.8	23.4	36.4	50.1	63.9	79.1	90.7
30°	0.0	2.4	3.3	6.0	14.1	25.9	40.2	55.0	70.3	88.3	101.5
27.5°	0.0	2.5	3.4	6.3	14.9	28.3	43.9	60.2	77.2	97.8	113.3
25°	0.0	2.5	3.5	6.6	15.5	30.7	47.6	65.4	85.0	107.7	126.1
22.5°	0.0	2.6	3.5	6.7	16.1	32.6	51.2	70.5	92.8	118.1	137.0
20°	0.0	2.6	3.6	6.9	16.4	33.3	54.8	75.5	100.6	129.0	147.7
17.5°	0.0	2.7	3.7	7.0	16.7	33.7	56.6	80.3	108.2	140.1	158.2
15°	0.0	2.7	3.8	7.1	16.8	33.9	57.3	83.8	115.6	151.4	168.5
12.5°	0.0	2.7	3.8	7.2	16.8	33.9	57.7	85.6	120.5	162.7	178.6
10°	0.0	2.8	3.9	7.2	16.7	33.6	57.9	87.2	122.9	167.0	185.7
7.5°	0.0	2.8	4.0	7.2	16.5	33.1	57.7	88.5	124.7	169.6	186.9
5°	0.0	2.8	4.1	7.1	16.1	32.5	57.3	89.5	125.9	171.4	188.0
2.5°	0.0	2.8	4.1	7.1	15.8	31.6	56.7	90.2	126.6	172.4	188.7
0°	0.0	2.8	4.2	7.0	15.3	30.6	55.7	90.4	126.6	172.5	189.2
-2.5°	0.0	2.8	4.1	7.1	15.8	31.6	56.7	90.2	126.6	172.4	188.7
-5°	0.0	2.8	4.1	7.1	16.1	32.5	57.3	89.5	125.9	171.4	188.0
-7.5°	0.0	2.8	4.0	7.2	16.5	33.1	57.7	88.5	124.7	169.6	186.9
-10°	0.0	2.8	3.9	7.2	16.7	33.6	57.9	87.2	122.9	167.0	185.7
-12.5°	0.0	2.7	3.8	7.2	16.8	33.9	57.7	85.6	120.5	162.7	178.6
-15°	0.0	2.7	3.8	7.1	16.8	33.9	57.3	83.8	115.6	151.4	168.5
-17.5°	0.0	2.7	3.7	7.0	16.7	33.7	56.6	80.3	108.2	140.1	158.2
-20°	0.0	2.6	3.6	6.9	16.4	33.3	54.8	75.5	100.6	129.0	147.7



REPORT NUMBER: P558905 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.6	3.5	6.7	16.1	32.6	51.2	70.5	92.8	118.1	137.0
-25°	0.0	2.5	3.5	6.6	15.5	30.7	47.6	65.4	85.0	107.7	126.1
-27.5°	0.0	2.5	3.4	6.3	14.9	28.3	43.9	60.2	77.2	97.8	113.3
-30°	0.0	2.4	3.3	6.0	14.1	25.9	40.2	55.0	70.3	88.3	101.5
-32.5°	0.0	2.4	3.2	5.7	12.8	23.4	36.4	50.1	63.9	79.1	90.7
-35°	0.0	2.3	3.2	5.3	11.5	20.8	32.9	45.4	57.6	70.1	81.1
-37.5°	0.0	2.2	3.1	4.9	10.2	18.5	29.7	40.7	51.3	61.6	73.6
-40°	0.0	2.1	3.1	4.4	8.8	16.7	26.5	36.1	45.1	54.1	65.7
-42.5°	0.0	2.1	3.0	3.9	7.8	15.0	23.3	31.7	39.6	48.2	58.1
-45°	0.0	2.0	3.0	3.4	7.1	13.2	20.1	27.6	34.6	42.5	51.0
-47.5°	0.0	1.9	2.9	2.9	6.4	11.4	17.0	24.0	29.8	37.0	44.9
-50°	0.0	1.8	2.9	2.8	5.7	9.7	14.8	20.5	25.8	32.5	39.0
-52.5°	0.0	1.7	2.9	2.8	5.0	7.9	12.8	17.2	22.3	28.2	33.4
-55°	0.0	1.6	2.8	2.8	4.3	6.9	10.8	14.1	19.1	23.8	28.8
-57.5°	0.0	1.5	2.8	2.8	3.5	6.0	8.9	12.0	15.8	20.1	24.2
-60°	0.0	1.4	2.8	2.8	2.8	5.1	7.1	10.1	12.8	16.6	20.0
-62.5°	0.0	1.3	2.6	2.8	2.8	4.2	6.1	8.2	10.7	13.1	16.4
-65°	0.0	1.2	2.4	2.8	2.8	3.3	5.0	6.5	8.6	10.6	12.7
-67.5°	0.0	1.1	2.1	2.8	2.8	2.8	4.0	5.4	6.6	8.4	10.0
-70°	0.0	1.0	1.9	2.8	2.8	2.8	2.9	4.2	5.3	6.2	7.6
-72.5°	0.0	0.8	1.7	2.5	2.8	2.8	2.8	3.1	4.1	4.9	5.5
-75°	0.0	0.7	1.4	2.2	2.8	2.8	2.8	2.8	2.9	3.7	4.3
-77.5°	0.0	0.6	1.2	1.8	2.4	2.8	2.8	2.8	2.8	2.8	3.1
-80°	0.0	0.5	1.0	1.5	1.9	2.4	2.8	2.8	2.8	2.8	2.8
-82.5°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.5	2.8	2.8	2.8
-85°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.1	2.4
-87.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.2
-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-SA4B-940-U-TSB-XX

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°	1.1	1.1	0.9	0.8	0.9	0.9	0.9	1.0	1.0	1.1	1.1
85°	2.3	2.1	1.8	1.6	1.7	1.8	1.9	2.0	2.1	2.1	2.2
82.5°	2.6	2.5	2.4	2.4	2.6	2.7	2.9	3.1	3.4	3.6	3.9
80°	2.8	2.8	3.2	3.6	4.0	4.4	4.7	5.1	5.4	6.0	6.7
77.5°	3.6	4.2	4.7	5.2	5.8	6.9	7.8	8.5	9.5	10.6	11.8
75°	4.9	5.5	6.9	8.4	9.8	10.9	11.9	13.4	15.2	17.3	19.3
72.5°	6.7	8.4	10.2	12.1	14.5	16.5	18.4	20.2	23.2	26.5	28.9
70°	9.2	11.2	14.1	17.3	20.3	22.9	26.7	31.2	35.8	38.1	39.5
67.5°	11.8	15.2	18.7	22.5	26.7	31.0	36.2	41.1	45.8	47.7	49.4
65°	15.4	19.2	23.5	28.1	32.9	38.1	43.5	49.0	53.9	56.3	59.2
62.5°	19.0	23.5	28.5	33.7	39.0	44.6	51.1	56.6	60.8	65.8	71.7
60°	23.3	27.8	33.4	39.2	45.4	53.2	59.7	65.8	71.5	77.2	86.0
57.5°	27.9	32.2	38.5	45.4	53.7	62.7	70.1	76.7	84.5	92.7	101.6
55°	32.9	36.8	43.9	52.3	61.9	72.6	81.3	90.4	99.4	106.6	114.6
52.5°	38.6	42.2	49.6	59.3	70.5	82.4	94.0	103.5	111.8	119.8	128.8
50°	44.6	49.1	55.1	66.8	79.2	92.8	105.9	115.4	124.9	134.3	144.4
47.5°	51.5	56.5	61.6	74.2	88.3	102.2	115.8	127.9	138.4	151.0	162.5
45°	59.1	65.0	70.4	82.1	96.6	110.7	125.9	140.4	155.2	170.0	188.5
42.5°	67.1	73.5	80.5	89.6	104.0	119.6	135.8	153.3	174.0	194.6	218.7
40°	74.8	82.0	90.3	98.5	111.3	128.7	148.5	170.3	196.7	223.4	252.5
37.5°	82.4	90.7	99.6	108.1	119.4	139.0	160.9	188.7	220.4	254.1	291.2
35°	89.9	99.1	108.1	118.1	130.9	149.9	176.8	208.3	246.5	289.1	323.0
32.5°	97.2	107.0	116.2	128.3	144.0	163.5	192.2	231.9	275.9	319.1	341.8
30°	106.3	114.2	124.3	137.9	156.9	181.7	212.8	255.6	305.7	335.1	356.2
27.5°	118.5	121.3	132.8	148.7	170.0	199.6	238.3	282.8	324.1	350.0	368.8
25°	130.5	133.5	140.7	159.5	185.9	220.7	264.1	314.9	339.5	361.3	383.1
22.5°	142.0	145.1	154.2	169.7	201.3	242.2	292.7	337.1	360.5	374.4	398.1
20°	152.8	157.6	168.7	186.8	217.0	262.6	320.4	357.8	380.0	396.7	418.6
17.5°	163.2	169.8	183.5	205.4	239.1	285.5	345.6	378.3	400.0	416.2	443.3
15°	173.2	181.7	197.7	222.8	259.7	310.0	362.5	395.1	418.5	434.4	466.1
12.5°	183.0	193.3	211.2	239.0	278.3	331.4	376.7	406.0	429.4	453.7	486.3
10°	192.4	204.5	224.1	254.0	294.9	349.8	388.7	414.8	438.1	469.0	503.1
7.5°	193.8	210.1	234.7	267.9	309.6	365.5	398.5	421.6	446.9	483.1	518.2
5°	193.9	209.7	235.5	271.4	316.6	374.7	405.3	426.8	455.4	495.5	531.8
2.5°	193.7	208.7	235.7	272.6	318.4	375.6	406.3	428.1	460.3	507.8	544.2
0°	193.4	207.3	235.2	272.7	318.7	374.3	406.3	428.6	463.4	519.0	555.2
-2.5°	193.7	208.7	235.7	272.6	318.4	375.6	406.3	428.1	460.3	507.8	544.2
-5°	193.9	209.7	235.5	271.4	316.6	374.7	405.3	426.8	455.4	495.5	531.8
-7.5°	193.8	210.1	234.7	267.9	309.6	365.5	398.5	421.6	446.9	483.1	518.2
-10°	192.4	204.5	224.1	254.0	294.9	349.8	388.7	414.8	438.1	469.0	503.1
-12.5°	183.0	193.3	211.2	239.0	278.3	331.4	376.7	406.0	429.4	453.7	486.3
-15°	173.2	181.7	197.7	222.8	259.7	310.0	362.5	395.1	418.5	434.4	466.1
-17.5°	163.2	169.8	183.5	205.4	239.1	285.5	345.6	378.3	400.0	416.2	443.3
-20°	152.8	157.6	168.7	186.8	217.0	262.6	320.4	357.8	380.0	396.7	418.6



REPORT NUMBER: P558905 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	142.0	145.1	154.2	169.7	201.3	242.2	292.7	337.1	360.5	374.4	398.1
-25°	130.5	133.5	140.7	159.5	185.9	220.7	264.1	314.9	339.5	361.3	383.1
-27.5°	118.5	121.3	132.8	148.7	170.0	199.6	238.3	282.8	324.1	350.0	368.8
-30°	106.3	114.2	124.3	137.9	156.9	181.7	212.8	255.6	305.7	335.1	356.2
-32.5°	97.2	107.0	116.2	128.3	144.0	163.5	192.2	231.9	275.9	319.1	341.8
-35°	89.9	99.1	108.1	118.1	130.9	149.9	176.8	208.3	246.5	289.1	323.0
-37.5°	82.4	90.7	99.6	108.1	119.4	139.0	160.9	188.7	220.4	254.1	291.2
-40°	74.8	82.0	90.3	98.5	111.3	128.7	148.5	170.3	196.7	223.4	252.5
-42.5°	67.1	73.5	80.5	89.6	104.0	119.6	135.8	155.3	174.0	194.6	218.7
-45°	59.1	65.0	70.4	82.1	96.6	110.7	125.9	140.4	155.2	170.0	188.5
-47.5°	51.5	56.5	61.6	74.2	88.3	102.2	115.8	127.9	138.4	151.0	162.5
-50°	44.6	49.1	55.1	66.8	79.2	92.8	105.9	115.4	124.9	134.3	144.4
-52.5°	38.6	42.2	49.6	59.3	70.5	82.4	94.0	103.5	111.8	119.8	128.8
-55°	32.9	36.8	43.9	52.3	61.9	72.6	81.3	90.4	99.4	106.6	114.6
-57.5°	27.9	32.2	38.5	45.4	53.7	62.7	70.1	76.7	84.5	92.7	101.6
-60°	23.3	27.8	33.4	39.2	45.4	53.2	59.7	65.8	71.5	77.2	86.0
-62.5°	19.0	23.5	28.5	33.7	39.0	44.6	51.1	56.6	60.8	65.8	71.7
-65°	15.4	19.2	23.5	28.1	32.9	38.1	43.5	49.0	53.9	56.3	59.2
-67.5°	11.8	15.2	18.7	22.5	26.7	31.0	36.2	41.1	45.8	47.7	49.4
-70°	9.2	11.2	14.1	17.3	20.3	22.9	26.7	31.2	35.8	38.1	39.5
-72.5°	6.7	8.4	10.2	12.1	14.5	16.5	18.4	20.2	23.2	26.5	28.9
-75°	4.9	5.5	6.9	8.4	9.8	10.9	11.9	13.4	15.2	17.3	19.3
-77.5°	3.6	4.2	4.7	5.2	5.8	6.9	7.8	8.5	9.5	10.6	11.8
-80°	2.8	2.8	3.2	3.6	4.0	4.4	4.7	5.1	5.4	6.0	6.7
-82.5°	2.6	2.5	2.4	2.4	2.6	2.7	2.9	3.1	3.4	3.6	3.9
-85°	2.3	2.1	1.8	1.6	1.7	1.8	1.9	2.0	2.1	2.1	2.2
-87.5°	1.1	1.1	0.9	0.8	0.9	0.9	0.9	1.0	1.0	1.1	1.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558905 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4
85°	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.8
82.5°	4.1	4.3	4.5	4.6	4.8	5.0	5.1	5.2	5.3	5.4	5.5
80°	7.5	8.0	8.5	8.8	9.0	10.0	11.3	12.5	13.9	14.4	14.7
77.5°	13.2	14.2	14.8	15.3	15.6	17.8	20.6	23.5	26.5	28.1	29.4
75°	21.2	22.3	23.0	23.6	23.9	27.2	32.1	37.3	42.7	45.5	47.5
72.5°	30.6	31.5	32.3	32.9	33.3	38.3	47.2	56.8	67.1	73.4	78.0
70°	40.7	41.8	42.7	43.5	44.0	49.9	62.9	76.4	90.4	104.4	119.2
67.5°	51.4	53.7	55.0	55.7	56.4	61.5	75.2	87.9	99.7	125.0	164.8
65°	63.2	68.5	70.8	72.1	72.5	74.9	86.6	97.3	106.8	126.5	156.9
62.5°	78.2	85.2	88.5	90.0	90.8	91.0	100.6	109.5	117.6	129.9	149.2
60°	94.3	101.9	105.9	107.0	107.7	108.0	115.7	124.5	132.6	142.7	160.7
57.5°	109.1	116.2	122.2	124.5	126.3	127.6	134.4	144.7	154.4	164.4	183.8
55°	123.2	131.8	140.0	144.6	148.9	152.6	159.3	172.3	184.8	196.5	216.6
52.5°	138.5	149.6	160.6	168.9	177.0	184.0	191.1	208.1	224.7	240.3	259.9
50°	156.8	170.6	186.6	200.1	211.7	223.1	233.3	253.3	275.8	297.2	317.8
47.5°	180.1	198.2	218.7	238.0	253.6	271.3	287.4	308.0	327.8	347.7	364.7
45°	208.7	233.7	257.3	282.9	305.3	317.0	326.3	339.1	359.5	379.0	394.9
42.5°	245.2	274.4	303.4	322.4	336.8	346.3	353.1	359.8	381.3	400.1	415.4
40°	285.8	315.1	333.0	348.6	358.6	367.1	377.6	388.1	404.9	424.2	441.3
37.5°	321.0	339.8	355.5	367.7	379.8	391.1	406.4	421.4	437.5	459.1	475.0
35°	342.7	359.2	375.2	390.5	406.0	423.3	442.4	464.5	484.1	466.3	440.5
32.5°	359.2	376.1	395.5	419.1	440.5	464.1	488.0	449.5	410.1	394.7	397.9
30°	373.6	393.3	419.9	450.8	480.4	469.8	417.3	398.9	404.3	415.1	435.9
27.5°	389.0	413.6	446.0	484.0	460.7	402.5	405.5	416.2	452.2	482.8	529.2
25°	407.3	436.9	477.1	459.6	406.2	411.8	438.7	479.4	548.0	612.1	668.1
22.5°	429.3	467.0	472.3	406.3	413.6	448.8	503.5	591.6	675.1	752.4	810.2
20°	451.6	495.2	428.2	414.3	445.2	508.2	609.8	711.0	804.1	873.2	931.1
17.5°	478.4	463.0	415.6	430.5	493.1	601.9	716.2	823.5	911.3	1030.9	1132.8
15°	501.8	432.1	423.3	472.2	566.5	688.9	813.1	909.5	1068.1	1239.5	1412.9
12.5°	488.4	421.1	436.9	509.4	633.3	765.6	875.4	1027.9	1237.8	1488.2	1864.5
10°	468.5	427.2	465.9	560.9	690.5	819.3	933.5	1133.3	1410.3	1870.2	2462.9
7.5°	453.1	429.9	485.1	600.4	733.0	851.8	1004.0	1246.4	1632.4	2263.4	3525.0
5°	441.4	429.8	493.9	623.2	758.3	874.3	1047.5	1328.6	1850.0	2749.0	4905.0
2.5°	436.3	427.5	496.3	635.5	770.6	886.8	1074.5	1387.6	1987.3	3200.2	6449.7
0°	439.7	423.0	495.4	640.1	777.9	885.0	1078.4	1405.4	2028.8	3366.8	6657.0
-2.5°	436.3	427.5	496.3	635.5	770.6	886.8	1074.5	1387.6	1987.3	3200.2	6449.7
-5°	441.4	429.8	493.9	623.2	758.3	874.3	1047.5	1328.6	1850.0	2749.0	4905.0
-7.5°	453.1	429.9	485.1	600.4	733.0	851.8	1004.0	1246.4	1632.4	2263.4	3525.0
-10°	468.5	427.2	465.9	560.9	690.5	819.3	933.5	1133.3	1410.3	1870.2	2462.9
-12.5°	488.4	421.1	436.9	509.4	633.3	765.6	875.4	1027.9	1237.8	1488.2	1864.5
-15°	501.8	432.1	423.3	472.2	566.5	688.9	813.1	909.5	1068.1	1239.5	1412.9
-17.5°	478.4	463.0	415.6	430.5	493.1	601.9	716.2	823.5	911.3	1030.9	1132.8
-20°	451.6	495.2	428.2	414.3	445.2	508.2	609.8	711.0	804.1	873.2	931.1



REPORT NUMBER: P558905 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	429.3	467.0	472.3	406.3	413.6	448.8	503.5	591.6	675.1	752.4	810.2
-25°	407.3	436.9	477.1	459.6	406.2	411.8	438.7	479.4	548.0	612.1	668.1
-27.5°	389.0	413.6	446.0	484.0	460.7	402.5	405.5	416.2	452.2	482.8	529.2
-30°	373.6	393.3	419.9	450.8	480.4	469.8	417.3	398.9	404.3	415.1	435.9
-32.5°	359.2	376.1	395.5	419.1	440.5	464.1	488.0	449.5	410.1	394.7	397.9
-35°	342.7	359.2	375.2	390.5	406.0	423.3	442.4	464.5	484.1	466.3	440.5
-37.5°	321.0	339.8	355.5	367.7	379.8	391.1	406.4	421.4	437.5	459.1	475.0
-40°	285.8	315.1	333.0	348.6	358.6	367.1	377.6	388.1	404.9	424.2	441.3
-42.5°	245.2	274.4	303.4	322.4	336.8	346.3	353.1	359.8	381.3	400.1	415.4
-45°	208.7	233.7	257.3	282.9	305.3	317.0	326.3	339.1	359.5	379.0	394.9
-47.5°	180.1	198.2	218.7	238.0	253.6	271.3	287.4	308.0	327.8	347.7	364.7
-50°	156.8	170.6	186.6	200.1	211.7	223.1	233.3	253.3	275.8	297.2	317.8
-52.5°	138.5	149.6	160.6	168.9	177.0	184.0	191.1	208.1	224.7	240.3	259.9
-55°	123.2	131.8	140.0	144.6	148.9	152.6	159.3	172.3	184.8	196.5	216.6
-57.5°	109.1	116.2	122.2	124.5	126.3	127.6	134.4	144.7	154.4	164.4	183.8
-60°	94.3	101.9	105.9	107.0	107.7	108.0	115.7	124.5	132.6	142.7	160.7
-62.5°	78.2	85.2	88.5	90.0	90.8	91.0	100.6	109.5	117.6	129.9	149.2
-65°	63.2	68.5	70.8	72.1	72.5	74.9	86.6	97.3	106.8	126.5	156.9
-67.5°	51.4	53.7	55.0	55.7	56.4	61.5	75.2	87.9	99.7	125.0	164.8
-70°	40.7	41.8	42.7	43.5	44.0	49.9	62.9	76.4	90.4	104.4	119.2
-72.5°	30.6	31.5	32.3	32.9	33.3	38.3	47.2	56.8	67.1	73.4	78.0
-75°	21.2	22.3	23.0	23.6	23.9	27.2	32.1	37.3	42.7	45.5	47.5
-77.5°	13.2	14.2	14.8	15.3	15.6	17.8	20.6	23.5	26.5	28.1	29.4
-80°	7.5	8.0	8.5	8.8	9.0	10.0	11.3	12.5	13.9	14.4	14.7
-82.5°	4.1	4.3	4.5	4.6	4.8	5.0	5.1	5.2	5.3	5.4	5.5
-85°	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.8
-87.5°	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4
-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: P558905 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3
85°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7
82.5°	5.5	5.6	5.6	5.6	5.6	5.6	5.5	5.5	5.4	5.3	5.2
80°	15.0	15.2	14.6	13.9	14.6	15.2	15.0	14.7	14.4	13.9	12.5
77.5°	30.6	31.6	30.6	29.2	30.6	31.6	30.6	29.4	28.1	26.5	23.5
75°	49.3	51.0	50.0	48.7	50.0	51.0	49.3	47.5	45.5	42.7	37.3
72.5°	82.4	86.4	85.5	83.5	85.5	86.4	82.4	78.0	73.4	67.1	56.8
70°	134.9	150.7	150.1	146.1	150.1	150.7	134.9	119.2	104.4	90.4	76.4
67.5°	207.9	252.8	267.0	274.1	267.0	252.8	207.9	164.8	125.0	99.7	87.9
65°	185.2	212.3	223.0	231.0	223.0	212.3	185.2	156.9	126.5	106.8	97.3
62.5°	166.6	182.7	186.1	186.5	186.1	182.7	166.6	149.2	129.9	117.6	109.5
60°	178.3	195.3	197.9	194.8	197.9	195.3	178.3	160.7	142.7	132.6	124.5
57.5°	202.4	220.3	223.6	219.9	223.6	220.3	202.4	183.8	164.4	154.4	144.7
55°	235.9	254.0	260.0	258.8	260.0	254.0	235.9	216.6	196.5	184.8	172.3
52.5°	278.6	295.3	302.2	302.0	302.2	295.3	278.6	259.9	240.3	224.7	208.1
50°	335.7	350.6	358.0	359.0	358.0	350.6	335.7	317.8	297.2	275.8	253.3
47.5°	376.8	386.6	391.7	392.4	391.7	386.6	376.8	364.7	347.7	327.8	308.0
45°	402.0	407.3	411.3	414.7	411.3	407.3	402.0	394.9	379.0	359.5	339.1
42.5°	425.7	436.7	444.9	446.7	444.9	436.7	425.7	415.4	400.1	381.3	359.8
40°	457.5	472.6	487.1	502.3	487.1	472.6	457.5	441.3	424.2	404.9	388.1
37.5°	491.5	508.3	522.3	530.2	522.3	508.3	491.5	475.0	459.1	437.5	421.4
35°	422.4	411.3	404.8	402.1	404.8	411.3	422.4	440.5	466.3	484.1	464.5
32.5°	399.7	400.5	399.3	396.6	399.3	400.5	399.7	397.9	394.7	410.1	449.5
30°	451.4	458.7	459.6	459.2	459.6	458.7	451.4	435.9	415.1	404.3	398.9
27.5°	563.5	582.3	588.2	599.7	588.2	582.3	563.5	529.2	482.8	452.2	416.2
25°	711.4	739.8	753.4	758.4	753.4	739.8	711.4	668.1	612.1	548.0	479.4
22.5°	842.8	864.5	877.1	887.8	877.1	864.5	842.8	810.2	752.4	675.1	591.6
20°	998.5	1038.1	1056.2	1057.6	1056.2	1038.1	998.5	931.1	873.2	804.1	711.0
17.5°	1241.7	1318.6	1357.1	1367.9	1357.1	1318.6	1241.7	1132.8	1030.9	911.3	823.5
15°	1625.2	1821.6	1922.6	1970.4	1922.6	1821.6	1625.2	1412.9	1239.5	1068.1	909.5
12.5°	2250.9	2693.7	3051.8	3186.6	3051.8	2693.7	2250.9	1864.5	1488.2	1237.8	1027.9
10°	3490.6	4813.0	6357.9	7078.7	6357.9	4813.0	3490.6	2462.9	1870.2	1410.3	1133.3
7.5°	6753.0	15679.1	30388.7	37405.5	30388.7	15679.1	6753.0	3525.0	2263.4	1632.4	1246.4
5°	14394.0	62120.3	111249.7	130672.2	111249.7	62120.3	14394.0	4905.0	2749.0	1850.0	1328.6
2.5°	22926.6	101885.3	192241.3	224786.4	192241.3	101885.3	22926.6	6449.7	3200.2	1987.3	1387.6
0°	27392.8	107368.4	212134.0	244607.2	212134.0	107368.4	27392.8	6657.0	3366.8	2028.8	1405.4
-2.5°	22926.6	101885.3	192241.3	224786.3	192241.3	101885.3	22926.6	6449.7	3200.2	1987.3	1387.6
-5°	14394.0	62120.3	111249.7	130672.2	111249.7	62120.3	14394.0	4905.0	2749.0	1850.0	1328.6
-7.5°	6753.0	15679.1	30388.7	37405.5	30388.7	15679.1	6753.0	3525.0	2263.4	1632.4	1246.4
-10°	3490.6	4813.0	6357.9	7078.7	6357.9	4813.0	3490.6	2462.9	1870.2	1410.3	1133.3
-12.5°	2250.9	2693.7	3051.8	3186.6	3051.8	2693.7	2250.9	1864.5	1488.2	1237.8	1027.9
-15°	1625.2	1821.6	1922.6	1970.4	1922.6	1821.6	1625.2	1412.9	1239.5	1068.1	909.5
-17.5°	1241.7	1318.6	1357.1	1367.9	1357.1	1318.6	1241.7	1132.8	1030.9	911.3	823.5
-20°	998.5	1038.1	1056.2	1057.6	1056.2	1038.1	998.5	931.1	873.2	804.1	711.0



REPORT NUMBER: P558905 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	842.8	864.5	877.1	887.8	877.1	864.5	842.8	810.2	752.4	675.1	591.6
-25°	711.4	739.8	753.4	758.4	753.4	739.8	711.4	668.1	612.1	548.0	479.4
-27.5°	563.5	582.3	588.2	599.7	588.2	582.3	563.5	529.2	482.8	452.2	416.2
-30°	451.4	458.7	459.6	459.2	459.6	458.7	451.4	435.9	415.1	404.3	398.9
-32.5°	399.7	400.5	399.3	396.6	399.3	400.5	399.7	397.9	394.7	410.1	449.5
-35°	422.4	411.3	404.8	402.1	404.8	411.3	422.4	440.5	466.3	484.1	464.5
-37.5°	491.5	508.3	522.3	530.2	522.3	508.3	491.5	475.0	459.1	437.5	421.4
-40°	457.5	472.6	487.1	502.3	487.1	472.6	457.5	441.3	424.2	404.9	388.1
-42.5°	425.7	436.7	444.9	446.7	444.9	436.7	425.7	415.4	400.1	381.3	359.8
-45°	402.0	407.3	411.3	414.7	411.3	407.3	402.0	394.9	379.0	359.5	339.1
-47.5°	376.8	386.6	391.7	392.4	391.7	386.6	376.8	364.7	347.7	327.8	308.0
-50°	335.7	350.6	358.0	359.0	358.0	350.6	335.7	317.8	297.2	275.8	253.3
-52.5°	278.6	295.3	302.2	302.0	302.2	295.3	278.6	259.9	240.3	224.7	208.1
-55°	235.9	254.0	260.0	258.8	260.0	254.0	235.9	216.6	196.5	184.8	172.3
-57.5°	202.4	220.3	223.6	219.9	223.6	220.3	202.4	183.8	164.4	154.4	144.7
-60°	178.3	195.3	197.9	194.8	197.9	195.3	178.3	160.7	142.7	132.6	124.5
-62.5°	166.6	182.7	186.1	186.5	186.1	182.7	166.6	149.2	129.9	117.6	109.5
-65°	185.2	212.3	223.0	231.0	223.0	212.3	185.2	156.9	126.5	106.8	97.3
-67.5°	207.9	252.8	267.0	274.1	267.0	252.8	207.9	164.8	125.0	99.7	87.9
-70°	134.9	150.7	150.1	146.1	150.1	150.7	134.9	119.2	104.4	90.4	76.4
-72.5°	82.4	86.4	85.5	83.5	85.5	86.4	82.4	78.0	73.4	67.1	56.8
-75°	49.3	51.0	50.0	48.7	50.0	51.0	49.3	47.5	45.5	42.7	37.3
-77.5°	30.6	31.6	30.6	29.2	30.6	31.6	30.6	29.4	28.1	26.5	23.5
-80°	15.0	15.2	14.6	13.9	14.6	15.2	15.0	14.7	14.4	13.9	12.5
-82.5°	5.5	5.6	5.6	5.6	5.6	5.6	5.5	5.5	5.4	5.3	5.2
-85°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7
-87.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558905 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0
85°	2.6	2.6	2.5	2.5	2.4	2.4	2.3	2.2	2.1	2.1	2.0
82.5°	5.1	5.0	4.8	4.6	4.5	4.3	4.1	3.9	3.6	3.4	3.1
80°	11.3	10.0	9.0	8.8	8.5	8.0	7.5	6.7	6.0	5.4	5.1
77.5°	20.6	17.8	15.6	15.3	14.8	14.2	13.2	11.8	10.6	9.5	8.5
75°	32.1	27.2	23.9	23.6	23.0	22.3	21.2	19.3	17.3	15.2	13.4
72.5°	47.2	38.3	33.3	32.9	32.3	31.5	30.6	28.9	26.5	23.2	20.2
70°	62.9	49.9	44.0	43.5	42.7	41.8	40.7	39.5	38.1	35.8	31.2
67.5°	75.2	61.5	56.4	55.7	55.0	53.7	51.4	49.4	47.7	45.8	41.1
65°	86.6	74.9	72.5	72.1	70.8	68.5	63.2	59.2	56.3	53.9	49.0
62.5°	100.6	91.0	90.8	90.0	88.5	85.2	78.2	71.7	65.8	60.8	56.6
60°	115.7	108.0	107.7	107.0	105.9	101.9	94.3	86.0	77.2	71.5	65.8
57.5°	134.4	127.6	126.3	124.5	122.2	116.2	109.1	101.6	92.7	84.5	76.7
55°	159.3	152.6	148.9	144.6	140.0	131.8	123.2	114.6	106.6	99.4	90.4
52.5°	191.1	184.0	177.0	168.9	160.6	149.6	138.5	128.8	119.8	111.8	103.5
50°	233.3	223.1	211.7	200.1	186.6	170.6	156.8	144.4	134.3	124.9	115.4
47.5°	287.4	271.3	253.6	238.0	218.7	198.2	180.1	162.5	151.0	138.4	127.9
45°	326.3	317.0	305.3	282.9	257.3	233.7	208.7	188.5	170.0	155.2	140.4
42.5°	353.1	346.3	336.8	322.4	303.4	274.4	245.2	218.7	194.6	174.0	155.3
40°	377.6	367.1	358.6	348.6	333.0	315.1	285.8	252.5	223.4	196.7	170.3
37.5°	406.4	391.1	379.8	367.7	355.5	339.8	321.0	291.2	254.1	220.4	188.7
35°	442.4	423.3	406.0	390.5	375.2	359.2	342.7	323.0	289.1	246.5	208.3
32.5°	488.0	464.1	440.5	419.1	395.5	376.1	359.2	341.8	319.1	275.9	231.9
30°	417.3	469.8	480.4	450.8	419.9	393.3	373.6	356.2	335.1	305.7	255.6
27.5°	405.5	402.5	460.7	484.0	446.0	413.6	389.0	368.8	350.0	324.1	282.8
25°	438.7	411.8	406.2	459.6	477.1	436.9	407.3	383.1	361.3	339.5	314.9
22.5°	503.5	448.8	413.6	406.3	472.3	467.0	429.3	398.1	374.4	360.5	337.1
20°	609.8	508.2	445.2	414.3	428.2	495.2	451.6	418.6	396.7	380.0	357.8
17.5°	716.2	601.9	493.1	430.5	415.6	463.0	478.4	443.3	416.2	400.0	378.3
15°	813.1	688.9	566.5	472.2	423.3	432.1	501.8	466.1	434.4	418.5	395.1
12.5°	875.4	765.6	633.3	509.4	436.9	421.1	488.4	486.3	453.7	429.4	406.0
10°	933.5	819.3	690.5	560.9	465.9	427.2	468.5	503.1	469.0	438.1	414.8
7.5°	1004.0	851.8	733.0	600.4	485.1	429.9	453.1	518.2	483.1	446.9	421.6
5°	1047.5	874.3	758.3	623.2	493.9	429.8	441.4	531.8	495.5	455.4	426.8
2.5°	1074.5	886.8	770.6	635.5	496.3	427.5	436.3	544.2	507.8	460.3	428.1
0°	1078.4	885.0	777.9	640.1	495.4	423.0	439.7	555.2	519.0	463.4	428.6
-2.5°	1074.5	886.8	770.6	635.5	496.3	427.5	436.3	544.2	507.8	460.3	428.1
-5°	1047.5	874.3	758.3	623.2	493.9	429.8	441.4	531.8	495.5	455.4	426.8
-7.5°	1004.0	851.8	733.0	600.4	485.1	429.9	453.1	518.2	483.1	446.9	421.6
-10°	933.5	819.3	690.5	560.9	465.9	427.2	468.5	503.1	469.0	438.1	414.8
-12.5°	875.4	765.6	633.3	509.4	436.9	421.1	488.4	486.3	453.7	429.4	406.0
-15°	813.1	688.9	566.5	472.2	423.3	432.1	501.8	466.1	434.4	418.5	395.1
-17.5°	716.2	601.9	493.1	430.5	415.6	463.0	478.4	443.3	416.2	400.0	378.3
-20°	609.8	508.2	445.2	414.3	428.2	495.2	451.6	418.6	396.7	380.0	357.8



REPORT NUMBER: P558905 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	503.5	448.8	413.6	406.3	472.3	467.0	429.3	398.1	374.4	360.5	337.1
-25°	438.7	411.8	406.2	459.6	477.1	436.9	407.3	383.1	361.3	339.5	314.9
-27.5°	405.5	402.5	460.7	484.0	446.0	413.6	389.0	368.8	350.0	324.1	282.8
-30°	417.3	469.8	480.4	450.8	419.9	393.3	373.6	356.2	335.1	305.7	255.6
-32.5°	488.0	464.1	440.5	419.1	395.5	376.1	359.2	341.8	319.1	275.9	231.9
-35°	442.4	423.3	406.0	390.5	375.2	359.2	342.7	323.0	289.1	246.5	208.3
-37.5°	406.4	391.1	379.8	367.7	355.5	339.8	321.0	291.2	254.1	220.4	188.7
-40°	377.6	367.1	358.6	348.6	333.0	315.1	285.8	252.5	223.4	196.7	170.3
-42.5°	353.1	346.3	336.8	322.4	303.4	274.4	245.2	218.7	194.6	174.0	155.3
-45°	326.3	317.0	305.3	282.9	257.3	233.7	208.7	188.5	170.0	155.2	140.4
-47.5°	287.4	271.3	253.6	238.0	218.7	198.2	180.1	162.5	151.0	138.4	127.9
-50°	233.3	223.1	211.7	200.1	186.6	170.6	156.8	144.4	134.3	124.9	115.4
-52.5°	191.1	184.0	177.0	168.9	160.6	149.6	138.5	128.8	119.8	111.8	103.5
-55°	159.3	152.6	148.9	144.6	140.0	131.8	123.2	114.6	106.6	99.4	90.4
-57.5°	134.4	127.6	126.3	124.5	122.2	116.2	109.1	101.6	92.7	84.5	76.7
-60°	115.7	108.0	107.7	107.0	105.9	101.9	94.3	86.0	77.2	71.5	65.8
-62.5°	100.6	91.0	90.8	90.0	88.5	85.2	78.2	71.7	65.8	60.8	56.6
-65°	86.6	74.9	72.5	72.1	70.8	68.5	63.2	59.2	56.3	53.9	49.0
-67.5°	75.2	61.5	56.4	55.7	55.0	53.7	51.4	49.4	47.7	45.8	41.1
-70°	62.9	49.9	44.0	43.5	42.7	41.8	40.7	39.5	38.1	35.8	31.2
-72.5°	47.2	38.3	33.3	32.9	32.3	31.5	30.6	28.9	26.5	23.2	20.2
-75°	32.1	27.2	23.9	23.6	23.0	22.3	21.2	19.3	17.3	15.2	13.4
-77.5°	20.6	17.8	15.6	15.3	14.8	14.2	13.2	11.8	10.6	9.5	8.5
-80°	11.3	10.0	9.0	8.8	8.5	8.0	7.5	6.7	6.0	5.4	5.1
-82.5°	5.1	5.0	4.8	4.6	4.5	4.3	4.1	3.9	3.6	3.4	3.1
-85°	2.6	2.6	2.5	2.5	2.4	2.4	2.3	2.2	2.1	2.1	2.0
-87.5°	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0
-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: P558905 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.9	0.9	0.9	0.8	0.9	1.1	1.1	1.2	1.1	1.0	0.8
85°	1.9	1.8	1.7	1.6	1.8	2.1	2.3	2.4	2.1	1.9	1.7
82.5°	2.9	2.7	2.6	2.4	2.4	2.5	2.6	2.8	2.8	2.8	2.5
80°	4.7	4.4	4.0	3.6	3.2	2.8	2.8	2.8	2.8	2.8	2.8
77.5°	7.8	6.9	5.8	5.2	4.7	4.2	3.6	3.1	2.8	2.8	2.8
75°	11.9	10.9	9.8	8.4	6.9	5.5	4.9	4.3	3.7	2.9	2.8
72.5°	18.4	16.5	14.5	12.1	10.2	8.4	6.7	5.5	4.9	4.1	3.1
70°	26.7	22.9	20.3	17.3	14.1	11.2	9.2	7.6	6.2	5.3	4.2
67.5°	36.2	31.0	26.7	22.5	18.7	15.2	11.8	10.0	8.4	6.6	5.4
65°	43.5	38.1	32.9	28.1	23.5	19.2	15.4	12.7	10.6	8.6	6.5
62.5°	51.1	44.6	39.0	33.7	28.5	23.5	19.0	16.4	13.1	10.7	8.2
60°	59.7	53.2	45.4	39.2	33.4	27.8	23.3	20.0	16.6	12.8	10.1
57.5°	70.1	62.7	53.7	45.4	38.5	32.2	27.9	24.2	20.1	15.8	12.0
55°	81.3	72.6	61.9	52.3	43.9	36.8	32.9	28.8	23.8	19.1	14.1
52.5°	94.0	82.4	70.5	59.3	49.6	42.2	38.6	33.4	28.2	22.3	17.2
50°	105.9	92.8	79.2	66.8	55.1	49.1	44.6	39.0	32.5	25.8	20.5
47.5°	115.8	102.2	88.3	74.2	61.6	56.5	51.5	44.9	37.0	29.8	24.0
45°	125.9	110.7	96.6	82.1	70.4	65.0	59.1	51.0	42.5	34.6	27.6
42.5°	135.8	119.6	104.0	89.6	80.5	73.5	67.1	58.1	48.2	39.6	31.7
40°	148.5	128.7	111.3	98.5	90.3	82.0	74.8	65.7	54.1	45.1	36.1
37.5°	160.9	139.0	119.4	108.1	99.6	90.7	82.4	73.6	61.6	51.3	40.7
35°	176.8	149.9	130.9	118.1	108.1	99.1	89.9	81.1	70.1	57.6	45.4
32.5°	192.2	163.5	144.0	128.3	116.2	107.0	97.2	90.7	79.1	63.9	50.1
30°	212.8	181.7	156.9	137.9	124.3	114.2	106.3	101.5	88.3	70.3	55.0
27.5°	238.3	199.6	170.0	148.7	132.8	121.3	118.5	113.3	97.8	77.2	60.2
25°	264.1	220.7	185.9	159.5	140.7	133.5	130.5	126.1	107.7	85.0	65.4
22.5°	292.7	242.2	201.3	169.7	154.2	145.1	142.0	137.0	118.1	92.8	70.5
20°	320.4	262.6	217.0	186.8	168.7	157.6	152.8	147.7	129.0	100.6	75.5
17.5°	345.6	285.5	239.1	205.4	183.5	169.8	163.2	158.2	140.1	108.2	80.3
15°	362.5	310.0	259.7	222.8	197.7	181.7	173.2	168.5	151.4	115.6	83.8
12.5°	376.7	331.4	278.3	239.0	211.2	193.3	183.0	178.6	162.7	120.5	85.6
10°	388.7	349.8	294.9	254.0	224.1	204.5	192.4	185.7	167.0	122.9	87.2
7.5°	398.5	365.5	309.6	267.9	234.7	210.1	193.8	186.9	169.6	124.7	88.5
5°	405.3	374.7	316.6	271.4	235.5	209.7	193.9	188.0	171.4	125.9	89.5
2.5°	406.3	375.6	318.4	272.6	235.7	208.7	193.7	188.7	172.4	126.6	90.2
0°	406.3	374.3	318.7	272.7	235.2	207.3	193.4	189.2	172.5	126.6	90.4
-2.5°	406.3	375.6	318.4	272.6	235.7	208.7	193.7	188.7	172.4	126.6	90.2
-5°	405.3	374.7	316.6	271.4	235.5	209.7	193.9	188.0	171.4	125.9	89.5
-7.5°	398.5	365.5	309.6	267.9	234.7	210.1	193.8	186.9	169.6	124.7	88.5
-10°	388.7	349.8	294.9	254.0	224.1	204.5	192.4	185.7	167.0	122.9	87.2
-12.5°	376.7	331.4	278.3	239.0	211.2	193.3	183.0	178.6	162.7	120.5	85.6
-15°	362.5	310.0	259.7	222.8	197.7	181.7	173.2	168.5	151.4	115.6	83.8
-17.5°	345.6	285.5	239.1	205.4	183.5	169.8	163.2	158.2	140.1	108.2	80.3
-20°	320.4	262.6	217.0	186.8	168.7	157.6	152.8	147.7	129.0	100.6	75.5



REPORT NUMBER: P558905 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	292.7	242.2	201.3	169.7	154.2	145.1	142.0	137.0	118.1	92.8	70.5
-25°	264.1	220.7	185.9	159.5	140.7	133.5	130.5	126.1	107.7	85.0	65.4
-27.5°	238.3	199.6	170.0	148.7	132.8	121.3	118.5	113.3	97.8	77.2	60.2
-30°	212.8	181.7	156.9	137.9	124.3	114.2	106.3	101.5	88.3	70.3	55.0
-32.5°	192.2	163.5	144.0	128.3	116.2	107.0	97.2	90.7	79.1	63.9	50.1
-35°	176.8	149.9	130.9	118.1	108.1	99.1	89.9	81.1	70.1	57.6	45.4
-37.5°	160.9	139.0	119.4	108.1	99.6	90.7	82.4	73.6	61.6	51.3	40.7
-40°	148.5	128.7	111.3	98.5	90.3	82.0	74.8	65.7	54.1	45.1	36.1
-42.5°	135.8	119.6	104.0	89.6	80.5	73.5	67.1	58.1	48.2	39.6	31.7
-45°	125.9	110.7	96.6	82.1	70.4	65.0	59.1	51.0	42.5	34.6	27.6
-47.5°	115.8	102.2	88.3	74.2	61.6	56.5	51.5	44.9	37.0	29.8	24.0
-50°	105.9	92.8	79.2	66.8	55.1	49.1	44.6	39.0	32.5	25.8	20.5
-52.5°	94.0	82.4	70.5	59.3	49.6	42.2	38.6	33.4	28.2	22.3	17.2
-55°	81.3	72.6	61.9	52.3	43.9	36.8	32.9	28.8	23.8	19.1	14.1
-57.5°	70.1	62.7	53.7	45.4	38.5	32.2	27.9	24.2	20.1	15.8	12.0
-60°	59.7	53.2	45.4	39.2	33.4	27.8	23.3	20.0	16.6	12.8	10.1
-62.5°	51.1	44.6	39.0	33.7	28.5	23.5	19.0	16.4	13.1	10.7	8.2
-65°	43.5	38.1	32.9	28.1	23.5	19.2	15.4	12.7	10.6	8.6	6.5
-67.5°	36.2	31.0	26.7	22.5	18.7	15.2	11.8	10.0	8.4	6.6	5.4
-70°	26.7	22.9	20.3	17.3	14.1	11.2	9.2	7.6	6.2	5.3	4.2
-72.5°	18.4	16.5	14.5	12.1	10.2	8.4	6.7	5.5	4.9	4.1	3.1
-75°	11.9	10.9	9.8	8.4	6.9	5.5	4.9	4.3	3.7	2.9	2.8
-77.5°	7.8	6.9	5.8	5.2	4.7	4.2	3.6	3.1	2.8	2.8	2.8
-80°	4.7	4.4	4.0	3.6	3.2	2.8	2.8	2.8	2.8	2.8	2.8
-82.5°	2.9	2.7	2.6	2.4	2.4	2.5	2.6	2.8	2.8	2.8	2.5
-85°	1.9	1.8	1.7	1.6	1.8	2.1	2.3	2.4	2.1	1.9	1.7
-87.5°	0.9	0.9	0.9	0.8	0.9	1.1	1.1	1.2	1.1	1.0	0.8
-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°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
85°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
82.5°	2.2	1.8	1.5	1.1	0.7	0.4	0.0
80°	2.8	2.4	1.9	1.5	1.0	0.5	0.0
77.5°	2.8	2.8	2.4	1.8	1.2	0.6	0.0
75°	2.8	2.8	2.8	2.2	1.4	0.7	0.0
72.5°	2.8	2.8	2.8	2.5	1.7	0.8	0.0
70°	2.9	2.8	2.8	2.8	1.9	1.0	0.0
67.5°	4.0	2.8	2.8	2.8	2.1	1.1	0.0
65°	5.0	3.3	2.8	2.8	2.4	1.2	0.0
62.5°	6.1	4.2	2.8	2.8	2.6	1.3	0.0
60°	7.1	5.1	2.8	2.8	2.8	1.4	0.0
57.5°	8.9	6.0	3.5	2.8	2.8	1.5	0.0
55°	10.8	6.9	4.3	2.8	2.8	1.6	0.0
52.5°	12.8	7.9	5.0	2.8	2.9	1.7	0.0
50°	14.8	9.7	5.7	2.8	2.9	1.8	0.0
47.5°	17.0	11.4	6.4	2.9	2.9	1.9	0.0
45°	20.1	13.2	7.1	3.4	3.0	2.0	0.0
42.5°	23.3	15.0	7.8	3.9	3.0	2.1	0.0
40°	26.5	16.7	8.8	4.4	3.1	2.1	0.0
37.5°	29.7	18.5	10.2	4.9	3.1	2.2	0.0
35°	32.9	20.8	11.5	5.3	3.2	2.3	0.0
32.5°	36.4	23.4	12.8	5.7	3.2	2.4	0.0
30°	40.2	25.9	14.1	6.0	3.3	2.4	0.0
27.5°	43.9	28.3	14.9	6.3	3.4	2.5	0.0
25°	47.6	30.7	15.5	6.6	3.5	2.5	0.0
22.5°	51.2	32.6	16.1	6.7	3.5	2.6	0.0
20°	54.8	33.3	16.4	6.9	3.6	2.6	0.0
17.5°	56.6	33.7	16.7	7.0	3.7	2.7	0.0
15°	57.3	33.9	16.8	7.1	3.8	2.7	0.0
12.5°	57.7	33.9	16.8	7.2	3.8	2.7	0.0
10°	57.9	33.6	16.7	7.2	3.9	2.8	0.0
7.5°	57.7	33.1	16.5	7.2	4.0	2.8	0.0
5°	57.3	32.5	16.1	7.1	4.1	2.8	0.0
2.5°	56.7	31.6	15.8	7.1	4.1	2.8	0.0
0°	55.7	30.6	15.3	7.0	4.2	2.8	0.0
-2.5°	56.7	31.6	15.8	7.1	4.1	2.8	0.0
-5°	57.3	32.5	16.1	7.1	4.1	2.8	0.0
-7.5°	57.7	33.1	16.5	7.2	4.0	2.8	0.0
-10°	57.9	33.6	16.7	7.2	3.9	2.8	0.0
-12.5°	57.7	33.9	16.8	7.2	3.8	2.7	0.0
-15°	57.3	33.9	16.8	7.1	3.8	2.7	0.0
-17.5°	56.6	33.7	16.7	7.0	3.7	2.7	0.0
-20°	54.8	33.3	16.4	6.9	3.6	2.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	51.2	32.6	16.1	6.7	3.5	2.6	0.0
-25°	47.6	30.7	15.5	6.6	3.5	2.5	0.0
-27.5°	43.9	28.3	14.9	6.3	3.4	2.5	0.0
-30°	40.2	25.9	14.1	6.0	3.3	2.4	0.0
-32.5°	36.4	23.4	12.8	5.7	3.2	2.4	0.0
-35°	32.9	20.8	11.5	5.3	3.2	2.3	0.0
-37.5°	29.7	18.5	10.2	4.9	3.1	2.2	0.0
-40°	26.5	16.7	8.8	4.4	3.1	2.1	0.0
-42.5°	23.3	15.0	7.8	3.9	3.0	2.1	0.0
-45°	20.1	13.2	7.1	3.4	3.0	2.0	0.0
-47.5°	17.0	11.4	6.4	2.9	2.9	1.9	0.0
-50°	14.8	9.7	5.7	2.8	2.9	1.8	0.0
-52.5°	12.8	7.9	5.0	2.8	2.9	1.7	0.0
-55°	10.8	6.9	4.3	2.8	2.8	1.6	0.0
-57.5°	8.9	6.0	3.5	2.8	2.8	1.5	0.0
-60°	7.1	5.1	2.8	2.8	2.8	1.4	0.0
-62.5°	6.1	4.2	2.8	2.8	2.6	1.3	0.0
-65°	5.0	3.3	2.8	2.8	2.4	1.2	0.0
-67.5°	4.0	2.8	2.8	2.8	2.1	1.1	0.0
-70°	2.9	2.8	2.8	2.8	1.9	1.0	0.0
-72.5°	2.8	2.8	2.8	2.5	1.7	0.8	0.0
-75°	2.8	2.8	2.8	2.2	1.4	0.7	0.0
-77.5°	2.8	2.8	2.4	1.8	1.2	0.6	0.0
-80°	2.8	2.4	1.9	1.5	1.0	0.5	0.0
-82.5°	2.2	1.8	1.5	1.1	0.7	0.4	0.0
-85°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
-87.5°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)