

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: P561396 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-AMB-U-MR-BK**

Issue Date: 7/30/2021

Test Information

Test Method: LM-79-08
Report Number: P561396 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2107-305-4)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/30/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA5B-AMB-U-MR-BK
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (80) 1549K CCT, -21.5 CRI LEDS
Ballast/Driver: -

Summary

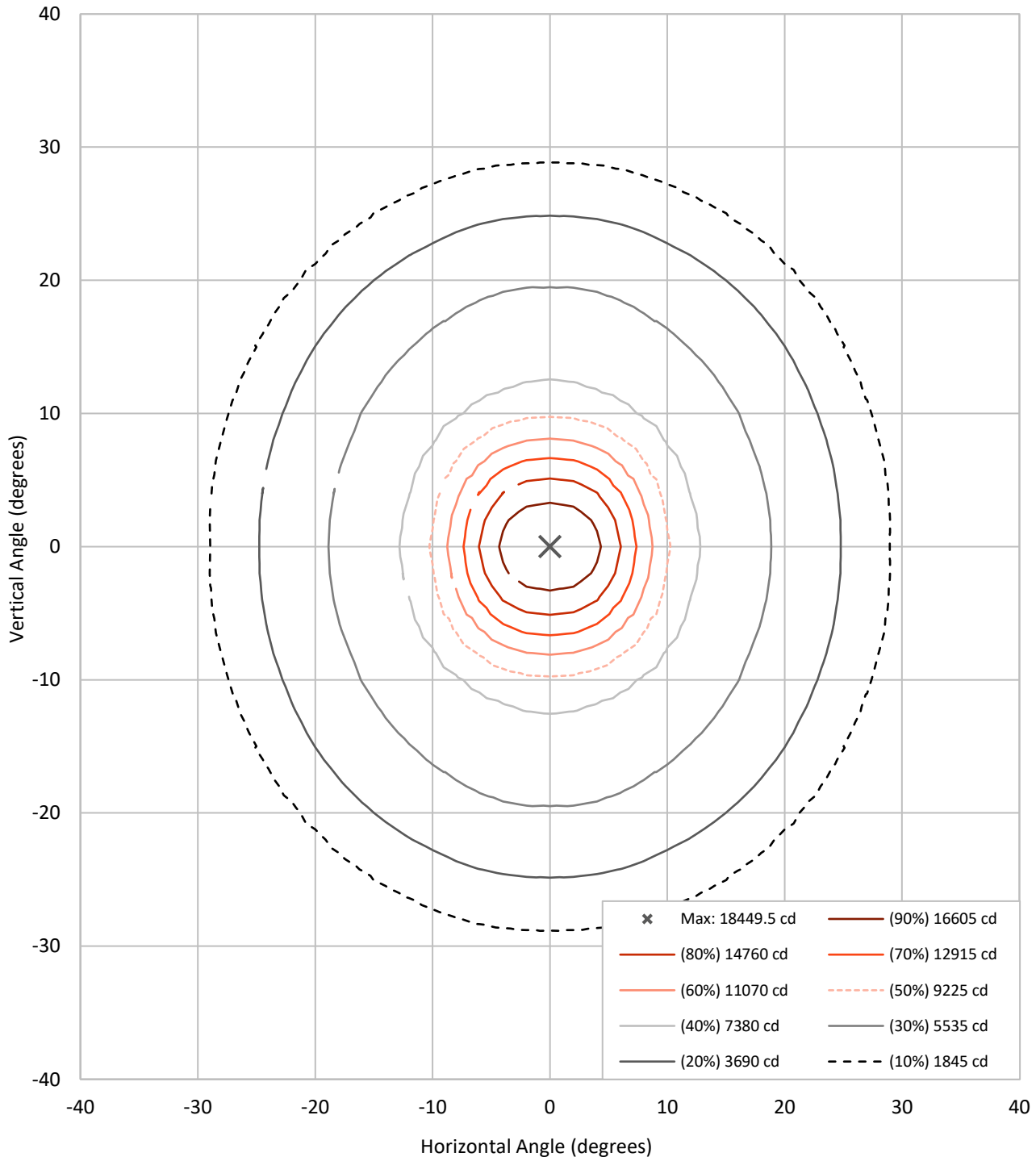
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	5377.4 lumens	Max Intensity:	18449.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	54.0 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	20.5°H x 19.5°V	Field Angle (10%):	57.9°H x 57.7°V
Beam Lumens:	1292.4 lumens	Field Lumens:	4591.9 lumens
Beam Efficiency:	24.0%	Field Efficiency:	85.4%

Input Watts (W): 99.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P561396 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





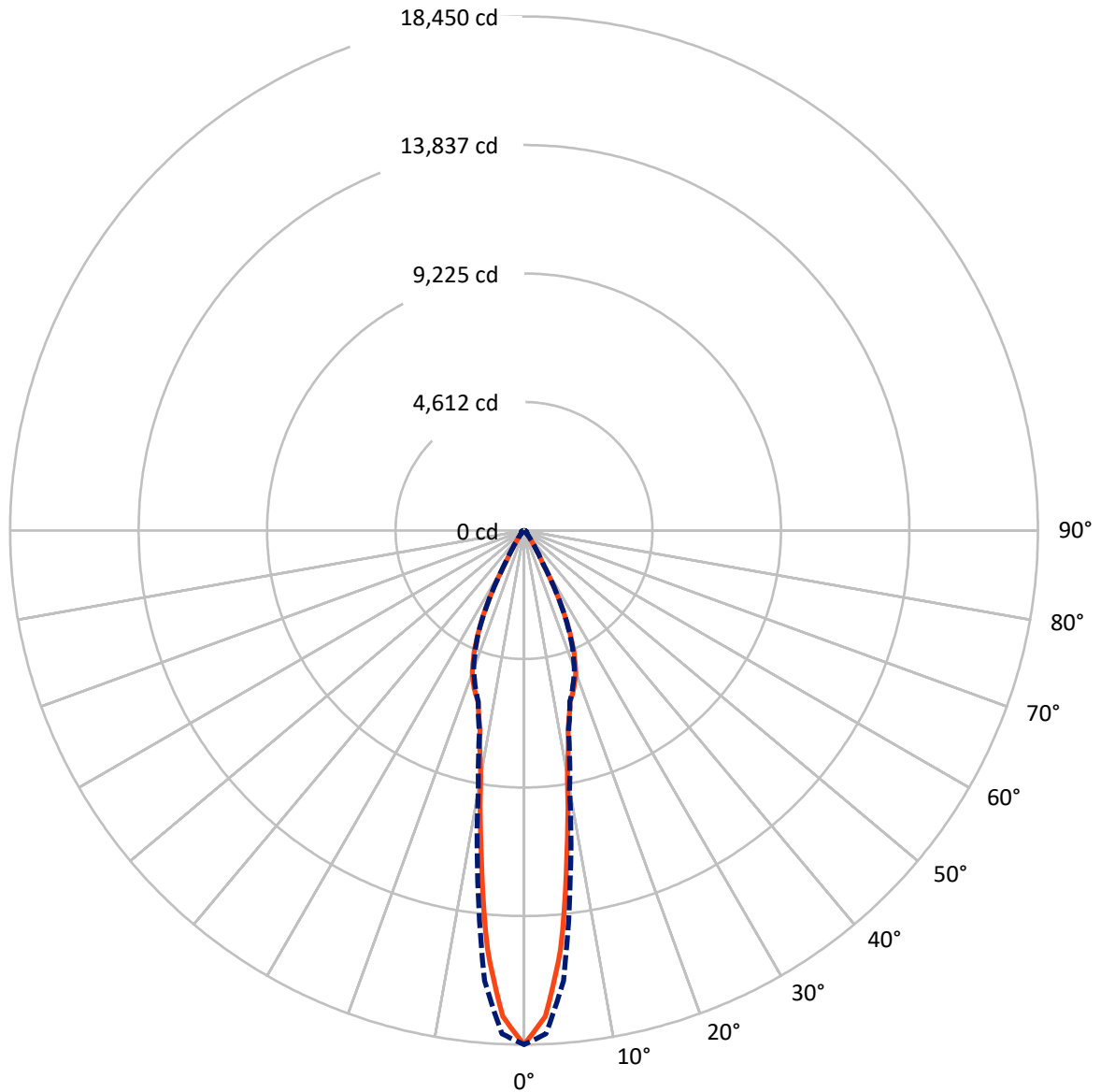
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Lumen Table

90	0.1	0.6		1.6		2.5		2.9		2.5		1.6		0.6		0.1			
80	0.1	0.6		1.6		2.5		2.9		2.5		1.6		0.6		0.1			
70	0.3	0.3	0.7	1.1	1.6	2.1	2.4	2.6	2.6	2.4	2.1	1.6	1.1	0.7	0.3	0.3			
60		0.5	1.1	1.8	2.4	2.7	2.7	2.8	2.8	2.7	2.7	2.4	1.8	1.1	0.5				
50	0.5	0.7	1.5	2.2	2.3	2.8	3.5	4.1	4.1	3.5	2.8	2.3	2.2	1.5	0.7	0.5			
40		0.9	1.7	2.0	2.8	5.3	10.5	16.3	16.3	10.5	5.3	2.8	2.0	1.7	0.9				
30	0.7	1.0	1.7	2.2	4.8	16.9	57.3	100.2	100.2	57.3	16.9	4.8	2.2	1.7	1.0	0.7			
20		1.1	1.7	2.6	9.1	54.9	142.3	192.0	192.0	142.3	54.9	9.1	2.6	1.7	1.1				
10	0.7	1.2	1.7	3.0	14.2	91.4	185.7	370.2	370.2	185.7	91.4	14.2	3.0	1.7	1.2	0.7			
0		1.2	1.7	3.0	14.2	91.4	185.7	370.2	370.2	185.7	91.4	14.2	3.0	1.7	1.2				
-10	0.7	1.1	1.7	2.6	9.1	54.9	142.3	192.0	192.0	142.3	54.9	9.1	2.6	1.7	1.1	0.7			
-20		1.0	1.7	2.2	4.8	16.9	57.3	100.2	100.2	57.3	16.9	4.8	2.2	1.7	1.0				
-30	0.5	0.9	1.7	2.0	2.8	5.3	10.5	16.3	16.3	10.5	5.3	2.8	2.0	1.7	0.9	0.5			
-40		0.7	1.5	2.2	2.3	2.8	3.5	4.1	4.1	3.5	2.8	2.3	2.2	1.5	0.7				
-50	0.3	0.5	1.1	1.8	2.4	2.7	2.7	2.8	2.8	2.7	2.7	2.4	1.8	1.1	0.5	0.3			
-60		0.3	0.7	1.1	1.6	2.1	2.4	2.6	2.6	2.4	2.1	1.6	1.1	0.7	0.3				
-70	0.1	0.6		1.6		2.5		2.9		2.5		1.6		0.6		0.1			
-80		0.6		1.6		2.5		2.9		2.5		1.6		0.6					
-90	0.1	0.6		1.6		2.5		2.9		2.5		1.6		0.6		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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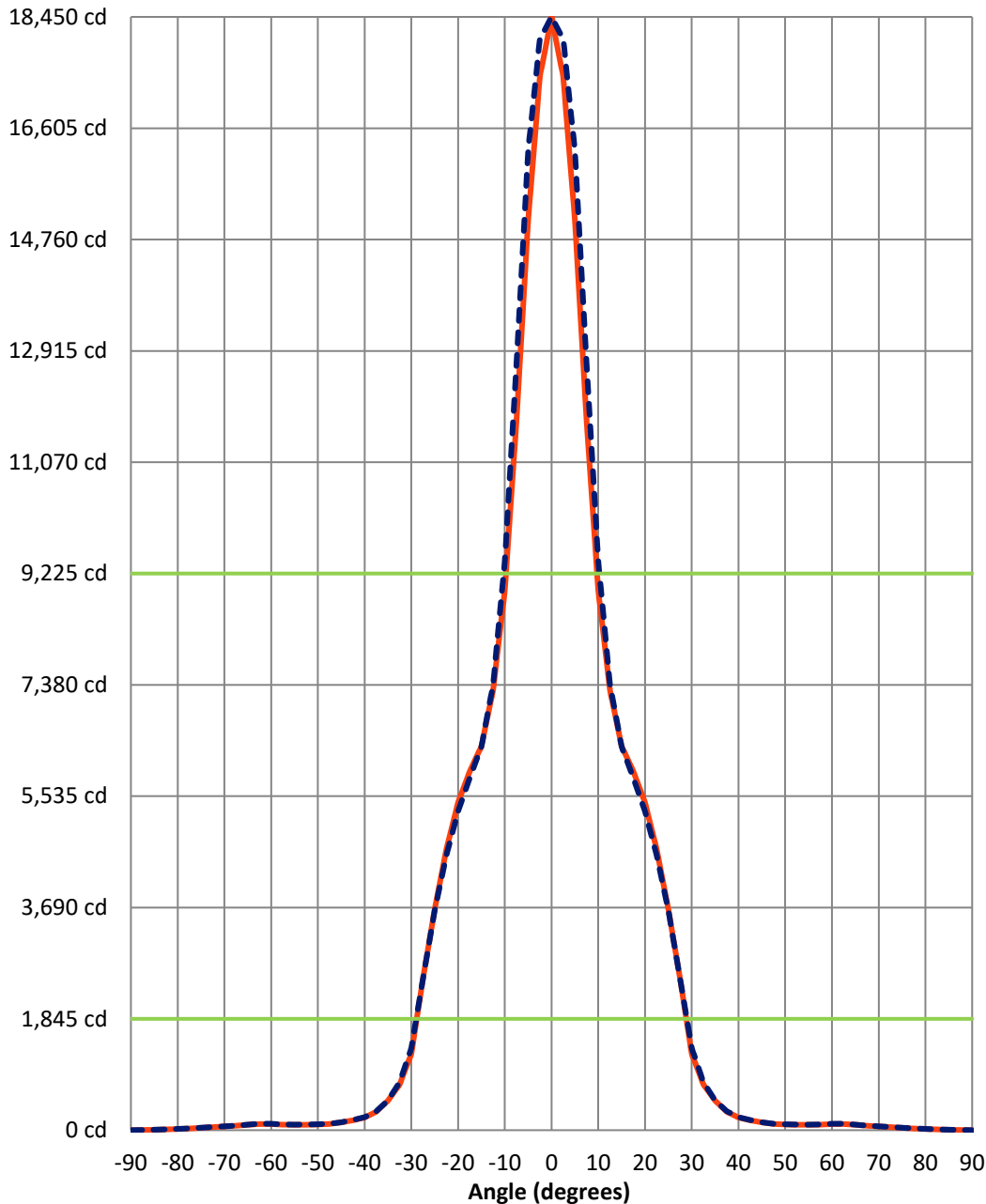
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 20.5°
 V Angle: 19.5°
 Lumens: 1292.4
 Efficiency: 24.0%

Field:
 H Angle: 57.9°
 V Angle: 57.7°
 Lumens: 4591.9
 Efficiency: 85.4%

Spill:
 Lumens: 785.5
 Efficiency: 14.6%

- 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	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.3	1.4
85°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.5	2.8
82.5°	0.0	0.4	0.9	1.3	1.7	2.1	2.6	3.0	3.4	4.0	4.6
80°	0.0	0.6	1.1	1.7	2.3	2.8	3.4	4.3	5.1	5.9	6.6
77.5°	0.0	0.7	1.4	2.1	2.8	3.7	4.7	5.7	6.7	7.7	8.7
75°	0.0	0.9	1.7	2.6	3.4	4.7	5.9	7.1	8.4	9.5	10.7
72.5°	0.0	1.0	2.0	3.0	4.3	5.7	7.1	8.6	10.0	11.4	12.7
70°	0.0	1.1	2.3	3.4	5.1	6.7	8.4	10.0	11.6	13.2	15.8
67.5°	0.0	1.3	2.5	4.0	5.9	7.7	9.5	11.4	13.2	16.1	19.0
65°	0.0	1.4	2.8	4.6	6.6	8.7	10.7	12.7	15.8	19.0	22.2
62.5°	0.0	1.5	3.0	5.2	7.4	9.6	11.9	14.7	18.3	21.9	25.4
60°	0.0	1.6	3.3	5.7	8.2	10.6	13.0	16.9	20.8	24.7	28.5
57.5°	0.0	1.8	3.7	6.3	8.9	11.5	14.7	19.0	23.2	27.4	32.3
55°	0.0	1.9	4.0	6.8	9.6	12.4	16.5	21.1	25.6	30.3	36.5
52.5°	0.0	2.0	4.4	7.3	10.3	13.3	18.2	23.1	27.9	33.9	40.5
50°	0.0	2.1	4.7	7.8	11.0	14.7	19.9	25.1	30.4	37.4	44.4
47.5°	0.0	2.2	5.0	8.3	11.6	16.1	21.5	26.9	33.4	40.8	48.2
45°	0.0	2.3	5.3	8.8	12.2	17.4	23.1	28.8	36.3	44.1	51.9
42.5°	0.0	2.4	5.6	9.2	12.8	18.6	24.6	30.9	38.9	47.3	55.4
40°	0.0	2.5	5.9	9.6	13.6	19.8	26.0	33.0	41.5	50.3	58.7
37.5°	0.0	2.6	6.2	10.0	14.5	20.9	27.4	35.1	44.0	53.2	61.9
35°	0.0	2.7	6.4	10.4	15.3	22.0	28.6	37.0	46.5	55.9	65.1
32.5°	0.0	2.8	6.7	10.8	16.1	23.0	29.9	38.7	48.8	58.5	68.4
30°	0.0	2.9	6.9	11.1	16.9	23.9	31.4	40.4	51.1	60.9	71.3
27.5°	0.0	2.9	7.1	11.4	17.6	24.8	32.6	42.2	53.1	63.1	74.0
25°	0.0	3.0	7.3	11.7	18.2	25.6	33.8	43.8	54.9	65.2	76.4
22.5°	0.0	3.0	7.5	12.0	18.8	26.3	34.8	45.4	56.6	67.2	78.8
20°	0.0	3.1	7.6	12.2	19.3	27.0	35.7	46.8	58.1	69.0	81.0
17.5°	0.0	3.1	7.7	12.4	19.8	27.6	36.6	48.1	59.4	70.5	83.0
15°	0.0	3.2	7.9	12.6	20.2	28.1	37.5	49.2	60.6	71.7	84.8
12.5°	0.0	3.2	8.0	12.7	20.5	28.5	38.3	50.2	61.5	72.7	86.3
10°	0.0	3.2	8.1	12.9	20.8	28.9	39.1	51.0	62.4	73.6	87.7
7.5°	0.0	3.3	8.1	13.0	21.0	29.1	39.7	51.6	63.0	74.4	89.1
5°	0.0	3.3	8.2	13.0	21.2	29.3	40.2	52.1	63.4	74.9	90.3
2.5°	0.0	3.3	8.2	13.1	21.3	29.5	40.6	52.3	63.7	75.2	91.1
0°	0.0	3.3	8.2	13.1	21.3	29.5	40.6	52.3	63.7	75.2	91.1
-2.5°	0.0	3.3	8.2	13.1	21.3	29.5	40.6	52.3	63.7	75.2	91.1
-5°	0.0	3.3	8.2	13.0	21.2	29.3	40.2	52.1	63.4	74.9	90.3
-7.5°	0.0	3.3	8.1	13.0	21.0	29.1	39.7	51.6	63.0	74.4	89.1
-10°	0.0	3.2	8.1	12.9	20.8	28.9	39.1	51.0	62.4	73.6	87.7
-12.5°	0.0	3.2	8.0	12.7	20.5	28.5	38.3	50.2	61.5	72.7	86.3
-15°	0.0	3.2	7.9	12.6	20.2	28.1	37.5	49.2	60.6	71.7	84.8
-17.5°	0.0	3.1	7.7	12.4	19.8	27.6	36.6	48.1	59.4	70.5	83.0
-20°	0.0	3.1	7.6	12.2	19.3	27.0	35.7	46.8	58.1	69.0	81.0



REPORT NUMBER: P561396 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-AMB-U-MR-BK

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.0	7.5	12.0	18.8	26.3	34.8	45.4	56.6	67.2	78.8
-25°	0.0	3.0	7.3	11.7	18.2	25.6	33.8	43.8	54.9	65.2	76.4
-27.5°	0.0	2.9	7.1	11.4	17.6	24.8	32.6	42.2	53.1	63.1	74.0
-30°	0.0	2.9	6.9	11.1	16.9	23.9	31.4	40.4	51.1	60.9	71.3
-32.5°	0.0	2.8	6.7	10.8	16.1	23.0	29.9	38.7	48.8	58.5	68.4
-35°	0.0	2.7	6.4	10.4	15.3	22.0	28.6	37.0	46.5	55.9	65.1
-37.5°	0.0	2.6	6.2	10.0	14.5	20.9	27.4	35.1	44.0	53.2	61.9
-40°	0.0	2.5	5.9	9.6	13.6	19.8	26.0	33.0	41.5	50.3	58.7
-42.5°	0.0	2.4	5.6	9.2	12.8	18.6	24.6	30.9	38.9	47.3	55.4
-45°	0.0	2.3	5.3	8.8	12.2	17.4	23.1	28.8	36.3	44.1	51.9
-47.5°	0.0	2.2	5.0	8.3	11.6	16.1	21.5	26.9	33.4	40.8	48.2
-50°	0.0	2.1	4.7	7.8	11.0	14.7	19.9	25.1	30.4	37.4	44.4
-52.5°	0.0	2.0	4.4	7.3	10.3	13.3	18.2	23.1	27.9	33.9	40.5
-55°	0.0	1.9	4.0	6.8	9.6	12.4	16.5	21.1	25.6	30.3	36.5
-57.5°	0.0	1.8	3.7	6.3	8.9	11.5	14.7	19.0	23.2	27.4	32.3
-60°	0.0	1.6	3.3	5.7	8.2	10.6	13.0	16.9	20.8	24.7	28.5
-62.5°	0.0	1.5	3.0	5.2	7.4	9.6	11.9	14.7	18.3	21.9	25.4
-65°	0.0	1.4	2.8	4.6	6.6	8.7	10.7	12.7	15.8	19.0	22.2
-67.5°	0.0	1.3	2.5	4.0	5.9	7.7	9.5	11.4	13.2	16.1	19.0
-70°	0.0	1.1	2.3	3.4	5.1	6.7	8.4	10.0	11.6	13.2	15.8
-72.5°	0.0	1.0	2.0	3.0	4.3	5.7	7.1	8.6	10.0	11.4	12.7
-75°	0.0	0.9	1.7	2.6	3.4	4.7	5.9	7.1	8.4	9.5	10.7
-77.5°	0.0	0.7	1.4	2.1	2.8	3.7	4.7	5.7	6.7	7.7	8.7
-80°	0.0	0.6	1.1	1.7	2.3	2.8	3.4	4.3	5.1	5.9	6.6
-82.5°	0.0	0.4	0.9	1.3	1.7	2.1	2.6	3.0	3.4	4.0	4.6
-85°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.5	2.8
-87.5°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.3	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



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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°	1.5	1.6	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6
85°	3.0	3.3	3.7	4.0	4.4	4.7	5.0	5.3	5.6	5.9	6.2
82.5°	5.2	5.7	6.3	6.8	7.3	7.8	8.3	8.8	9.3	9.9	10.5
80°	7.4	8.2	8.9	9.6	10.3	11.0	11.6	12.2	13.1	14.3	15.4
77.5°	9.6	10.6	11.5	12.4	13.3	14.7	16.1	17.4	18.7	19.9	21.0
75°	11.9	13.0	14.7	16.5	18.2	19.9	21.5	23.1	24.7	26.4	28.1
72.5°	14.7	16.9	19.0	21.1	23.4	25.5	27.4	29.0	31.1	33.6	35.9
70°	18.3	20.8	23.5	26.3	29.1	31.4	33.9	36.4	39.1	41.8	44.3
67.5°	21.9	24.9	28.1	31.5	34.9	37.8	40.8	44.1	47.3	50.3	53.3
65°	25.4	28.9	32.9	36.9	40.5	44.4	48.2	51.9	55.4	58.9	62.6
62.5°	28.9	33.6	38.2	42.5	47.0	51.3	55.5	59.5	63.4	67.7	71.9
60°	33.4	38.6	43.6	48.6	53.4	58.1	62.6	67.5	72.4	77.0	81.5
57.5°	38.0	43.6	49.1	54.5	59.7	64.9	70.5	76.0	81.3	86.4	91.3
55°	42.5	48.6	54.5	60.2	66.0	72.3	78.5	84.4	90.1	95.6	101.1
52.5°	47.0	53.4	59.7	65.9	72.6	79.5	86.3	92.8	99.2	103.4	103.3
50°	51.3	58.1	64.8	71.7	79.0	86.5	94.4	101.7	104.0	103.5	100.9
47.5°	55.5	62.6	69.7	77.2	85.4	93.7	102.5	104.6	104.2	99.9	95.4
45°	59.5	67.2	74.6	83.0	91.7	100.8	104.3	104.8	99.7	95.1	92.1
42.5°	63.4	71.7	80.0	88.5	97.8	103.3	104.2	100.0	95.5	92.2	91.5
40°	67.4	76.2	85.2	94.1	102.1	103.5	100.2	95.7	92.9	92.0	93.2
37.5°	71.4	80.8	90.2	99.5	102.4	101.3	95.9	93.2	92.2	93.2	95.3
35°	75.2	85.2	95.0	102.2	103.1	97.4	93.7	92.0	93.1	95.1	98.7
32.5°	79.0	89.3	99.6	102.7	100.2	94.5	92.1	92.7	94.6	97.6	104.4
30°	82.5	93.3	102.7	103.0	97.1	93.0	92.2	93.6	96.2	102.7	116.4
27.5°	85.6	97.0	103.0	101.2	94.6	91.4	92.5	95.1	99.9	109.8	131.1
25°	88.6	100.5	103.1	98.8	93.2	91.2	93.1	96.4	104.2	122.7	148.9
22.5°	91.4	103.9	103.5	96.5	91.7	91.4	94.3	99.7	111.2	134.9	166.4
20°	94.2	104.4	102.8	94.7	90.2	91.6	95.5	103.0	121.1	149.6	185.3
17.5°	96.8	104.8	101.3	93.6	90.3	92.3	97.1	106.0	129.7	163.2	203.6
15°	99.2	105.2	99.9	92.7	90.7	93.4	99.4	112.4	139.2	176.2	220.3
12.5°	101.4	105.7	98.5	91.9	91.0	94.4	101.3	118.1	148.5	189.0	248.9
10°	103.4	106.2	97.3	91.2	91.2	95.2	102.6	122.7	156.0	199.1	272.5
7.5°	105.1	106.4	96.3	90.7	91.4	95.8	103.6	126.3	161.5	207.1	291.2
5°	106.4	106.4	95.5	90.8	92.0	96.5	104.3	128.7	165.2	212.8	304.8
2.5°	107.4	106.4	95.1	91.2	92.7	97.4	105.5	130.4	167.7	215.8	312.6
0°	108.0	106.4	94.9	91.7	93.3	98.2	106.4	131.0	168.6	216.1	314.3
-2.5°	107.4	106.4	95.1	91.2	92.7	97.4	105.5	130.4	167.7	215.8	312.6
-5°	106.4	106.4	95.5	90.8	92.0	96.5	104.3	128.7	165.2	212.8	304.8
-7.5°	105.1	106.4	96.3	90.7	91.4	95.8	103.6	126.3	161.5	207.1	291.2
-10°	103.4	106.2	97.3	91.2	91.2	95.2	102.6	122.7	156.0	199.1	272.5
-12.5°	101.4	105.7	98.5	91.9	91.0	94.4	101.3	118.1	148.5	189.0	248.9
-15°	99.2	105.2	99.9	92.7	90.7	93.4	99.4	112.4	139.2	176.2	220.3
-17.5°	96.8	104.8	101.3	93.6	90.3	92.3	97.1	106.0	129.7	163.2	203.6
-20°	94.2	104.4	102.8	94.7	90.2	91.6	95.5	103.0	121.1	149.6	185.3



REPORT NUMBER: P561396 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-AMB-U-MR-BK

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	91.4	103.9	103.5	96.5	91.7	91.4	94.3	99.7	111.2	134.9	166.4
-25°	88.6	100.5	103.1	98.8	93.2	91.2	93.1	96.4	104.2	122.7	148.9
-27.5°	85.6	97.0	103.0	101.2	94.6	91.4	92.5	95.1	99.9	109.8	131.1
-30°	82.5	93.3	102.7	103.0	97.1	93.0	92.2	93.6	96.2	102.7	116.4
-32.5°	79.0	89.3	99.6	102.7	100.2	94.5	92.1	92.7	94.6	97.6	104.4
-35°	75.2	85.2	95.0	102.2	103.1	97.4	93.7	92.0	93.1	95.1	98.7
-37.5°	71.4	80.8	90.2	99.5	102.4	101.3	95.9	93.2	92.2	93.2	95.3
-40°	67.4	76.2	85.2	94.1	102.1	103.5	100.2	95.7	92.9	92.0	93.2
-42.5°	63.4	71.7	80.0	88.5	97.8	103.3	104.2	100.0	95.5	92.2	91.5
-45°	59.5	67.2	74.6	83.0	91.7	100.8	104.3	104.8	99.7	95.1	92.1
-47.5°	55.5	62.6	69.7	77.2	85.4	93.7	102.5	104.6	104.2	99.9	95.4
-50°	51.3	58.1	64.8	71.7	79.0	86.5	94.4	101.7	104.0	103.5	100.9
-52.5°	47.0	53.4	59.7	65.9	72.6	79.5	86.3	92.8	99.2	103.4	103.3
-55°	42.5	48.6	54.5	60.2	66.0	72.3	78.5	84.4	90.1	95.6	101.1
-57.5°	38.0	43.6	49.1	54.5	59.7	64.9	70.5	76.0	81.3	86.4	91.3
-60°	33.4	38.6	43.6	48.6	53.4	58.1	62.6	67.5	72.4	77.0	81.5
-62.5°	28.9	33.6	38.2	42.5	47.0	51.3	55.5	59.5	63.4	67.7	71.9
-65°	25.4	28.9	32.9	36.9	40.5	44.4	48.2	51.9	55.4	58.9	62.6
-67.5°	21.9	24.9	28.1	31.5	34.9	37.8	40.8	44.1	47.3	50.3	53.3
-70°	18.3	20.8	23.5	26.3	29.1	31.4	33.9	36.4	39.1	41.8	44.3
-72.5°	14.7	16.9	19.0	21.1	23.4	25.5	27.4	29.0	31.1	33.6	35.9
-75°	11.9	13.0	14.7	16.5	18.2	19.9	21.5	23.1	24.7	26.4	28.1
-77.5°	9.6	10.6	11.5	12.4	13.3	14.7	16.1	17.4	18.7	19.9	21.0
-80°	7.4	8.2	8.9	9.6	10.3	11.0	11.6	12.2	13.1	14.3	15.4
-82.5°	5.2	5.7	6.3	6.8	7.3	7.8	8.3	8.8	9.3	9.9	10.5
-85°	3.0	3.3	3.7	4.0	4.4	4.7	5.0	5.3	5.6	5.9	6.2
-87.5°	1.5	1.6	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561396 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-AMB-U-MR-BK

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.7	2.8	2.9	2.9	3.0	3.0	3.1	3.1	3.2	3.2	3.2
85°	6.4	6.7	6.9	7.1	7.3	7.1	6.9	6.6	6.3	6.3	6.4
82.5°	11.1	11.4	11.6	11.7	11.7	11.9	12.1	12.2	12.4	12.6	12.8
80°	16.4	16.8	17.0	17.1	17.2	17.9	18.6	19.4	20.1	20.5	20.8
77.5°	22.1	23.0	23.7	24.3	24.9	25.8	26.7	27.5	28.1	28.5	28.9
75°	29.9	31.3	32.3	33.4	34.4	35.4	36.2	36.9	37.3	37.9	38.4
72.5°	37.9	39.7	41.3	43.1	44.6	45.8	46.7	47.4	48.0	48.7	49.4
70°	46.7	49.0	51.2	53.2	55.0	56.4	57.5	58.4	59.1	60.2	61.4
67.5°	56.3	59.3	61.7	63.8	65.5	66.9	68.4	69.8	71.1	72.4	73.5
65°	66.2	69.5	71.8	73.9	75.8	77.5	79.6	81.6	83.5	85.1	86.3
62.5°	75.6	79.1	82.1	84.5	86.4	88.3	91.3	93.9	96.1	97.9	99.6
60°	85.7	89.7	93.5	96.6	99.3	101.7	101.5	101.5	101.5	101.5	101.6
57.5°	96.2	101.2	104.6	103.7	102.8	101.9	100.2	98.3	96.5	95.1	93.9
55°	103.9	104.3	104.8	101.7	97.8	94.2	91.6	91.1	90.4	89.7	89.2
52.5°	103.7	100.9	97.6	94.1	92.5	91.1	90.0	89.6	89.4	89.4	89.3
50°	97.4	94.4	93.0	91.9	91.1	90.6	90.1	90.4	91.2	91.8	92.2
47.5°	92.9	91.2	91.5	91.7	91.6	92.2	92.7	93.8	96.4	98.4	99.8
45°	90.6	92.0	92.7	93.6	94.5	97.8	101.2	104.2	110.3	116.2	121.2
42.5°	92.9	94.3	95.4	99.1	103.7	110.4	119.5	127.7	137.2	145.9	152.3
40°	95.1	97.5	102.5	109.6	121.8	133.0	147.8	161.5	173.3	184.3	193.4
37.5°	98.7	104.4	115.8	129.7	147.3	164.8	183.4	201.1	216.6	243.7	265.7
35°	105.0	119.2	135.4	156.8	178.6	202.2	229.8	269.1	305.0	353.6	400.1
32.5°	119.5	138.5	161.9	187.9	214.9	262.6	308.2	386.0	456.7	535.4	616.0
30°	136.9	162.7	191.9	225.5	284.2	358.6	451.8	562.1	682.9	813.3	982.9
27.5°	158.4	189.9	227.1	292.1	386.4	494.2	644.7	811.8	1065.1	1273.9	1653.7
25°	180.4	217.9	285.8	387.5	516.7	691.4	952.3	1255.3	1758.8	2321.0	2816.0
22.5°	204.3	265.4	361.6	499.0	693.9	1006.7	1416.1	2133.4	2825.7	3370.2	3816.9
20°	232.2	311.9	455.9	653.8	967.0	1431.2	2263.5	3061.6	3704.5	4269.6	4706.7
17.5°	271.7	388.5	569.2	832.6	1293.5	2153.3	3080.3	3835.9	4488.4	4987.3	5356.4
15°	307.5	460.7	694.2	1104.2	1805.4	2862.7	3733.7	4472.8	5070.6	5465.5	5770.6
12.5°	358.9	543.6	833.4	1346.8	2377.5	3392.4	4244.9	4940.1	5446.4	5818.4	6135.7
10°	407.7	631.6	1023.9	1735.2	2862.0	3816.9	4627.8	5282.7	5739.9	6138.6	6623.5
7.5°	445.5	701.6	1181.1	2097.0	3229.2	4173.6	4935.6	5503.8	5948.1	6491.3	7390.4
5°	472.5	754.0	1302.5	2369.7	3465.9	4399.6	5147.1	5697.6	6153.6	6895.9	8296.8
2.5°	488.4	786.5	1376.5	2532.0	3626.0	4519.0	5263.3	5802.4	6293.4	7243.0	9028.1
0°	492.7	795.6	1365.3	2512.9	3639.1	4552.7	5282.7	5836.1	6358.3	7390.5	9435.9
-2.5°	488.4	786.5	1376.5	2532.0	3626.0	4519.0	5263.3	5802.4	6293.4	7243.0	9028.1
-5°	472.5	754.0	1302.5	2369.7	3465.9	4399.6	5147.1	5697.6	6153.6	6895.9	8296.8
-7.5°	445.5	701.6	1181.1	2097.0	3229.2	4173.6	4935.6	5503.8	5948.1	6491.3	7390.4
-10°	407.7	631.6	1023.9	1735.2	2862.0	3816.9	4627.8	5282.7	5739.9	6138.6	6623.5
-12.5°	358.9	543.6	833.4	1346.8	2377.5	3392.4	4244.9	4940.1	5446.4	5818.4	6135.7
-15°	307.5	460.7	694.2	1104.2	1805.4	2862.7	3733.7	4472.8	5070.6	5465.5	5770.6
-17.5°	271.7	388.5	569.2	832.6	1293.5	2153.3	3080.3	3835.9	4488.4	4987.3	5356.4
-20°	232.2	311.9	455.9	653.8	967.0	1431.2	2263.5	3061.6	3704.5	4269.6	4706.7



REPORT NUMBER: P561396 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-AMB-U-MR-BK

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	204.3	265.4	361.6	499.0	693.9	1006.7	1416.1	2133.4	2825.7	3370.2	3816.9
-25°	180.4	217.9	285.8	387.5	516.7	691.4	952.3	1255.3	1758.8	2321.0	2816.0
-27.5°	158.4	189.9	227.1	292.1	386.4	494.2	644.7	811.8	1065.1	1273.9	1653.7
-30°	136.9	162.7	191.9	225.5	284.2	358.6	451.8	562.1	682.9	813.3	982.9
-32.5°	119.5	138.5	161.9	187.9	214.9	262.6	308.2	386.0	456.7	535.4	616.0
-35°	105.0	119.2	135.4	156.8	178.6	202.2	229.8	269.1	305.0	353.6	400.1
-37.5°	98.7	104.4	115.8	129.7	147.3	164.8	183.4	201.1	216.6	243.7	265.7
-40°	95.1	97.5	102.5	109.6	121.8	133.0	147.8	161.5	173.3	184.3	193.4
-42.5°	92.9	94.3	95.4	99.1	103.7	110.4	119.5	127.7	137.2	145.9	152.3
-45°	90.6	92.0	92.7	93.6	94.5	97.8	101.2	104.2	110.3	116.2	121.2
-47.5°	92.9	91.2	91.5	91.7	91.6	92.2	92.7	93.8	96.4	98.4	99.8
-50°	97.4	94.4	93.0	91.9	91.1	90.6	90.1	90.4	91.2	91.8	92.2
-52.5°	103.7	100.9	97.6	94.1	92.5	91.1	90.0	89.6	89.4	89.4	89.3
-55°	103.9	104.3	104.8	101.7	97.8	94.2	91.6	91.1	90.4	89.7	89.2
-57.5°	96.2	101.2	104.6	103.7	102.8	101.9	100.2	98.3	96.5	95.1	93.9
-60°	85.7	89.7	93.5	96.6	99.3	101.7	101.5	101.5	101.5	101.5	101.6
-62.5°	75.6	79.1	82.1	84.5	86.4	88.3	91.3	93.9	96.1	97.9	99.6
-65°	66.2	69.5	71.8	73.9	75.8	77.5	79.6	81.6	83.5	85.1	86.3
-67.5°	56.3	59.3	61.7	63.8	65.5	66.9	68.4	69.8	71.1	72.4	73.5
-70°	46.7	49.0	51.2	53.2	55.0	56.4	57.5	58.4	59.1	60.2	61.4
-72.5°	37.9	39.7	41.3	43.1	44.6	45.8	46.7	47.4	48.0	48.7	49.4
-75°	29.9	31.3	32.3	33.4	34.4	35.4	36.2	36.9	37.3	37.9	38.4
-77.5°	22.1	23.0	23.7	24.3	24.9	25.8	26.7	27.5	28.1	28.5	28.9
-80°	16.4	16.8	17.0	17.1	17.2	17.9	18.6	19.4	20.1	20.5	20.8
-82.5°	11.1	11.4	11.6	11.7	11.7	11.9	12.1	12.2	12.4	12.6	12.8
-85°	6.4	6.7	6.9	7.1	7.3	7.1	6.9	6.6	6.3	6.3	6.4
-87.5°	2.7	2.8	2.9	2.9	3.0	3.0	3.1	3.1	3.2	3.2	3.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561396 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-AMB-U-MR-BK

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.1
85°	6.4	6.5	6.5	6.5	6.5	6.5	6.4	6.4	6.3	6.3	6.6
82.5°	12.9	13.0	13.1	13.1	13.1	13.0	12.9	12.8	12.6	12.4	12.2
80°	21.0	21.2	20.4	19.6	20.4	21.2	21.0	20.8	20.5	20.1	19.4
77.5°	29.1	29.3	28.6	27.8	28.6	29.3	29.1	28.9	28.5	28.1	27.5
75°	38.8	39.1	39.2	39.3	39.2	39.1	38.8	38.4	37.9	37.3	36.9
72.5°	50.0	50.4	50.6	50.7	50.6	50.4	50.0	49.4	48.7	48.0	47.4
70°	62.4	63.3	63.0	62.2	63.0	63.3	62.4	61.4	60.2	59.1	58.4
67.5°	74.3	74.9	74.5	73.7	74.5	74.9	74.3	73.5	72.4	71.1	69.8
65°	87.2	87.9	89.0	90.0	89.0	87.9	87.2	86.3	85.1	83.5	81.6
62.5°	101.1	102.3	102.3	101.5	102.3	102.3	101.1	99.6	97.9	96.1	93.9
60°	101.6	101.6	101.5	101.5	101.5	101.6	101.6	101.6	101.5	101.5	101.5
57.5°	92.9	92.2	91.8	91.7	91.8	92.2	92.9	93.9	95.1	96.5	98.3
55°	88.9	88.6	89.1	90.0	89.1	88.6	88.9	89.2	89.7	90.4	91.1
52.5°	89.0	88.6	89.0	90.0	89.0	88.6	89.0	89.3	89.4	89.4	89.6
50°	92.6	93.0	93.8	94.9	93.8	93.0	92.6	92.2	91.8	91.2	90.4
47.5°	100.7	101.1	101.9	103.1	101.9	101.1	100.7	99.8	98.4	96.4	93.8
45°	124.8	127.2	128.7	129.3	128.7	127.2	124.8	121.2	116.2	110.3	104.2
42.5°	157.4	160.8	162.9	163.7	162.9	160.8	157.4	152.3	145.9	137.2	127.7
40°	200.8	205.6	208.3	209.5	208.3	205.6	200.8	193.4	184.3	173.3	161.5
37.5°	283.1	295.8	303.4	306.1	303.4	295.8	283.1	265.7	243.7	216.6	201.1
35°	437.7	465.3	482.4	489.5	482.4	465.3	437.7	400.1	353.6	305.0	269.1
32.5°	678.8	723.8	750.2	758.0	750.2	723.8	678.8	616.0	535.4	456.7	386.0
30°	1129.2	1224.4	1277.8	1267.1	1277.8	1224.4	1129.2	982.9	813.3	682.9	562.1
27.5°	2032.0	2291.5	2445.2	2513.7	2445.2	2291.5	2032.0	1653.7	1273.9	1065.1	811.8
25°	3213.4	3481.3	3631.7	3658.8	3631.7	3481.3	3213.4	2816.0	2321.0	1758.8	1255.3
22.5°	4226.1	4518.7	4647.1	4653.3	4647.1	4518.7	4226.1	3816.9	3370.2	2825.7	2133.4
20°	5073.3	5323.3	5427.4	5428.4	5427.4	5323.3	5073.3	4706.7	4269.6	3704.5	3061.6
17.5°	5621.3	5823.3	5906.6	5945.8	5906.6	5823.3	5621.3	5356.4	4987.3	4488.4	3835.9
15°	5995.7	6200.6	6354.2	6364.8	6354.2	6200.6	5995.7	5770.6	5465.5	5070.6	4472.8
12.5°	6475.3	6847.4	7180.5	7296.3	7180.5	6847.4	6475.3	6135.7	5818.4	5446.4	4940.1
10°	7333.9	8122.3	8819.0	8949.7	8819.0	8122.3	7333.9	6623.5	6138.6	5739.9	5282.7
7.5°	8765.3	10421.5	11528.6	11758.9	11528.6	10421.5	8765.3	7390.4	6491.3	5948.1	5503.8
5°	10621.9	13323.4	14795.5	15078.8	14795.5	13323.4	10621.9	8296.8	6895.9	6153.6	5697.6
2.5°	12109.4	15524.5	17182.4	17451.7	17182.4	15524.5	12109.4	9028.1	7243.0	6293.4	5802.4
0°	12704.3	16221.5	18078.6	18449.5	18078.6	16221.5	12704.3	9435.9	7390.5	6358.3	5836.1
-2.5°	12109.4	15524.5	17182.4	17451.7	17182.4	15524.5	12109.4	9028.1	7243.0	6293.4	5802.4
-5°	10621.9	13323.4	14795.5	15078.8	14795.5	13323.4	10621.9	8296.8	6895.9	6153.6	5697.6
-7.5°	8765.3	10421.5	11528.6	11758.9	11528.6	10421.5	8765.3	7390.4	6491.3	5948.1	5503.8
-10°	7333.9	8122.3	8819.0	8949.7	8819.0	8122.3	7333.9	6623.5	6138.6	5739.9	5282.7
-12.5°	6475.3	6847.4	7180.5	7296.3	7180.5	6847.4	6475.3	6135.7	5818.4	5446.4	4940.1
-15°	5995.7	6200.6	6354.2	6364.8	6354.2	6200.6	5995.7	5770.6	5465.5	5070.6	4472.8
-17.5°	5621.3	5823.3	5906.6	5945.7	5906.6	5823.3	5621.3	5356.4	4987.3	4488.4	3835.9
-20°	5073.3	5323.3	5427.4	5428.4	5427.4	5323.3	5073.3	4706.7	4269.6	3704.5	3061.6



REPORT NUMBER: P561396 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-AMB-U-MR-BK

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4226.1	4518.7	4647.1	4653.3	4647.1	4518.7	4226.1	3816.9	3370.2	2825.7	2133.4
-25°	3213.4	3481.3	3631.7	3658.8	3631.7	3481.3	3213.4	2816.0	2321.0	1758.8	1255.3
-27.5°	2032.0	2291.5	2445.2	2513.6	2445.2	2291.5	2032.0	1653.7	1273.9	1065.1	811.8
-30°	1129.2	1224.4	1277.8	1267.1	1277.8	1224.4	1129.2	982.9	813.3	682.9	562.1
-32.5°	678.8	723.8	750.2	758.0	750.2	723.8	678.8	616.0	535.4	456.7	386.0
-35°	437.7	465.3	482.4	489.5	482.4	465.3	437.7	400.1	353.6	305.0	269.1
-37.5°	283.1	295.8	303.4	306.1	303.4	295.8	283.1	265.7	243.7	216.6	201.1
-40°	200.8	205.6	208.3	209.5	208.3	205.6	200.8	193.4	184.3	173.3	161.5
-42.5°	157.4	160.8	162.9	163.7	162.9	160.8	157.4	152.3	145.9	137.2	127.7
-45°	124.8	127.2	128.7	129.3	128.7	127.2	124.8	121.2	116.2	110.3	104.2
-47.5°	100.7	101.1	101.9	103.1	101.9	101.1	100.7	99.8	98.4	96.4	93.8
-50°	92.6	93.0	93.8	94.9	93.8	93.0	92.6	92.2	91.8	91.2	90.4
-52.5°	89.0	88.6	89.0	90.0	89.0	88.6	89.0	89.3	89.4	89.4	89.6
-55°	88.9	88.6	89.1	90.0	89.1	88.6	88.9	89.2	89.7	90.4	91.1
-57.5°	92.9	92.2	91.8	91.7	91.8	92.2	92.9	93.9	95.1	96.5	98.3
-60°	101.6	101.6	101.5	101.5	101.5	101.6	101.6	101.6	101.5	101.5	101.5
-62.5°	101.1	102.3	102.3	101.5	102.3	102.3	101.1	99.6	97.9	96.1	93.9
-65°	87.2	87.9	89.0	90.0	89.0	87.9	87.2	86.3	85.1	83.5	81.6
-67.5°	74.3	74.9	74.5	73.7	74.5	74.9	74.3	73.5	72.4	71.1	69.8
-70°	62.4	63.3	63.0	62.2	63.0	63.3	62.4	61.4	60.2	59.1	58.4
-72.5°	50.0	50.4	50.6	50.7	50.6	50.4	50.0	49.4	48.7	48.0	47.4
-75°	38.8	39.1	39.2	39.3	39.2	39.1	38.8	38.4	37.9	37.3	36.9
-77.5°	29.1	29.3	28.6	27.8	28.6	29.3	29.1	28.9	28.5	28.1	27.5
-80°	21.0	21.2	20.4	19.6	20.4	21.2	21.0	20.8	20.5	20.1	19.4
-82.5°	12.9	13.0	13.1	13.1	13.1	13.0	12.9	12.8	12.6	12.4	12.2
-85°	6.4	6.5	6.5	6.5	6.5	6.5	6.4	6.4	6.3	6.3	6.6
-87.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561396 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-AMB-U-MR-BK

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.1	3.0	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.4	2.3
85°	6.9	7.1	7.3	7.1	6.9	6.7	6.4	6.2	5.9	5.6	5.3
82.5°	12.1	11.9	11.7	11.7	11.6	11.4	11.1	10.5	9.9	9.3	8.8
80°	18.6	17.9	17.2	17.1	17.0	16.8	16.4	15.4	14.3	13.1	12.2
77.5°	26.7	25.8	24.9	24.3	23.7	23.0	22.1	21.0	19.9	18.7	17.4
75°	36.2	35.4	34.4	33.4	32.3	31.3	29.9	28.1	26.4	24.7	23.1
72.5°	46.7	45.8	44.6	43.1	41.3	39.7	37.9	35.9	33.6	31.1	29.0
70°	57.5	56.4	55.0	53.2	51.2	49.0	46.7	44.3	41.8	39.1	36.4
67.5°	68.4	66.9	65.5	63.8	61.7	59.3	56.3	53.3	50.3	47.3	44.1
65°	79.6	77.5	75.8	73.9	71.8	69.5	66.2	62.6	58.9	55.4	51.9
62.5°	91.3	88.3	86.4	84.5	82.1	79.1	75.6	71.9	67.7	63.4	59.5
60°	101.5	101.7	99.3	96.6	93.5	89.7	85.7	81.5	77.0	72.4	67.5
57.5°	100.2	101.9	102.8	103.7	104.6	101.2	96.2	91.3	86.4	81.3	76.0
55°	91.6	94.2	97.8	101.7	104.8	104.3	103.9	101.1	95.6	90.1	84.4
52.5°	90.0	91.1	92.5	94.1	97.6	100.9	103.7	103.3	103.4	99.2	92.8
50°	90.1	90.6	91.1	91.9	93.0	94.4	97.4	100.9	103.5	104.0	101.7
47.5°	92.7	92.2	91.6	91.7	91.5	91.2	92.9	95.4	99.9	104.2	104.6
45°	101.2	97.8	94.5	93.6	92.7	92.0	90.6	92.1	95.1	99.7	104.8
42.5°	119.5	110.4	103.7	99.1	95.4	94.3	92.9	91.5	92.2	95.5	100.0
40°	147.8	133.0	121.8	109.6	102.5	97.5	95.1	93.2	92.0	92.9	95.7
37.5°	183.4	164.8	147.3	129.7	115.8	104.4	98.7	95.3	93.2	92.2	93.2
35°	229.8	202.2	178.6	156.8	135.4	119.2	105.0	98.7	95.1	93.1	92.0
32.5°	308.2	262.6	214.9	187.9	161.9	138.5	119.5	104.4	97.6	94.6	92.7
30°	451.8	358.6	284.2	225.5	191.9	162.7	136.9	116.4	102.7	96.2	93.6
27.5°	644.7	494.2	386.4	292.1	227.1	189.9	158.4	131.1	109.8	99.9	95.1
25°	952.3	691.4	516.7	387.5	285.8	217.9	180.4	148.9	122.7	104.2	96.4
22.5°	1416.1	1006.7	693.9	499.0	361.6	265.4	204.3	166.4	134.9	111.2	99.7
20°	2263.5	1431.2	967.0	653.8	455.9	311.9	232.2	185.3	149.6	121.1	103.0
17.5°	3080.3	2153.3	1293.5	832.6	569.2	388.5	271.7	203.6	163.2	129.7	106.0
15°	3733.7	2862.7	1805.4	1104.2	694.2	460.7	307.5	220.3	176.2	139.2	112.4
12.5°	4244.9	3392.4	2377.5	1346.8	833.4	543.6	358.9	248.9	189.0	148.5	118.1
10°	4627.8	3816.9	2862.0	1735.2	1023.9	631.6	407.7	272.5	199.1	156.0	122.7
7.5°	4935.6	4173.6	3229.2	2097.0	1181.1	701.6	445.5	291.2	207.1	161.5	126.3
5°	5147.1	4399.6	3465.9	2369.7	1302.5	754.0	472.5	304.8	212.8	165.2	128.7
2.5°	5263.3	4519.0	3626.0	2532.0	1376.5	786.5	488.4	312.6	215.8	167.7	130.4
0°	5282.7	4552.7	3639.1	2512.9	1365.3	795.6	492.7	314.3	216.1	168.6	131.0
-2.5°	5263.3	4519.0	3626.0	2532.0	1376.5	786.5	488.4	312.6	215.8	167.7	130.4
-5°	5147.1	4399.6	3465.9	2369.7	1302.5	754.0	472.5	304.8	212.8	165.2	128.7
-7.5°	4935.6	4173.6	3229.2	2097.0	1181.1	701.6	445.5	291.2	207.1	161.5	126.3
-10°	4627.8	3816.9	2862.0	1735.2	1023.9	631.6	407.7	272.5	199.1	156.0	122.7
-12.5°	4244.9	3392.4	2377.5	1346.8	833.4	543.6	358.9	248.9	189.0	148.5	118.1
-15°	3733.7	2862.7	1805.4	1104.2	694.2	460.7	307.5	220.3	176.2	139.2	112.4
-17.5°	3080.3	2153.3	1293.5	832.6	569.2	388.5	271.7	203.6	163.2	129.7	106.0
-20°	2263.5	1431.2	967.0	653.8	455.9	311.9	232.2	185.3	149.6	121.1	103.0



REPORT NUMBER: P561396 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-AMB-U-MR-BK

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1416.1	1006.7	693.9	499.0	361.6	265.4	204.3	166.4	134.9	111.2	99.7
-25°	952.3	691.4	516.7	387.5	285.8	217.9	180.4	148.9	122.7	104.2	96.4
-27.5°	644.7	494.2	386.4	292.1	227.1	189.9	158.4	131.1	109.8	99.9	95.1
-30°	451.8	358.6	284.2	225.5	191.9	162.7	136.9	116.4	102.7	96.2	93.6
-32.5°	308.2	262.6	214.9	187.9	161.9	138.5	119.5	104.4	97.6	94.6	92.7
-35°	229.8	202.2	178.6	156.8	135.4	119.2	105.0	98.7	95.1	93.1	92.0
-37.5°	183.4	164.8	147.3	129.7	115.8	104.4	98.7	95.3	93.2	92.2	93.2
-40°	147.8	133.0	121.8	109.6	102.5	97.5	95.1	93.2	92.0	92.9	95.7
-42.5°	119.5	110.4	103.7	99.1	95.4	94.3	92.9	91.5	92.2	95.5	100.0
-45°	101.2	97.8	94.5	93.6	92.7	92.0	90.6	92.1	95.1	99.7	104.8
-47.5°	92.7	92.2	91.6	91.7	91.5	91.2	92.9	95.4	99.9	104.2	104.6
-50°	90.1	90.6	91.1	91.9	93.0	94.4	97.4	100.9	103.5	104.0	101.7
-52.5°	90.0	91.1	92.5	94.1	97.6	100.9	103.7	103.3	103.4	99.2	92.8
-55°	91.6	94.2	97.8	101.7	104.8	104.3	103.9	101.1	95.6	90.1	84.4
-57.5°	100.2	101.9	102.8	103.7	104.6	101.2	96.2	91.3	86.4	81.3	76.0
-60°	101.5	101.7	99.3	96.6	93.5	89.7	85.7	81.5	77.0	72.4	67.5
-62.5°	91.3	88.3	86.4	84.5	82.1	79.1	75.6	71.9	67.7	63.4	59.5
-65°	79.6	77.5	75.8	73.9	71.8	69.5	66.2	62.6	58.9	55.4	51.9
-67.5°	68.4	66.9	65.5	63.8	61.7	59.3	56.3	53.3	50.3	47.3	44.1
-70°	57.5	56.4	55.0	53.2	51.2	49.0	46.7	44.3	41.8	39.1	36.4
-72.5°	46.7	45.8	44.6	43.1	41.3	39.7	37.9	35.9	33.6	31.1	29.0
-75°	36.2	35.4	34.4	33.4	32.3	31.3	29.9	28.1	26.4	24.7	23.1
-77.5°	26.7	25.8	24.9	24.3	23.7	23.0	22.1	21.0	19.9	18.7	17.4
-80°	18.6	17.9	17.2	17.1	17.0	16.8	16.4	15.4	14.3	13.1	12.2
-82.5°	12.1	11.9	11.7	11.7	11.6	11.4	11.1	10.5	9.9	9.3	8.8
-85°	6.9	7.1	7.3	7.1	6.9	6.7	6.4	6.2	5.9	5.6	5.3
-87.5°	3.1	3.0	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.4	2.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561396 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-AMB-U-MR-BK

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.2	2.1	2.0	1.9	1.8	1.6	1.5	1.4	1.3	1.1	1.0
85°	5.0	4.7	4.4	4.0	3.7	3.3	3.0	2.8	2.5	2.3	2.0
82.5°	8.3	7.8	7.3	6.8	6.3	5.7	5.2	4.6	4.0	3.4	3.0
80°	11.6	11.0	10.3	9.6	8.9	8.2	7.4	6.6	5.9	5.1	4.3
77.5°	16.1	14.7	13.3	12.4	11.5	10.6	9.6	8.7	7.7	6.7	5.7
75°	21.5	19.9	18.2	16.5	14.7	13.0	11.9	10.7	9.5	8.4	7.1
72.5°	27.4	25.5	23.4	21.1	19.0	16.9	14.7	12.7	11.4	10.0	8.6
70°	33.9	31.4	29.1	26.3	23.5	20.8	18.3	15.8	13.2	11.6	10.0
67.5°	40.8	37.8	34.9	31.5	28.1	24.9	21.9	19.0	16.1	13.2	11.4
65°	48.2	44.4	40.5	36.9	32.9	28.9	25.4	22.2	19.0	15.8	12.7
62.5°	55.5	51.3	47.0	42.5	38.2	33.6	28.9	25.4	21.9	18.3	14.7
60°	62.6	58.1	53.4	48.6	43.6	38.6	33.4	28.5	24.7	20.8	16.9
57.5°	70.5	64.9	59.7	54.5	49.1	43.6	38.0	32.3	27.4	23.2	19.0
55°	78.5	72.3	66.0	60.2	54.5	48.6	42.5	36.5	30.3	25.6	21.1
52.5°	86.3	79.5	72.6	65.9	59.7	53.4	47.0	40.5	33.9	27.9	23.1
50°	94.4	86.5	79.0	71.7	64.8	58.1	51.3	44.4	37.4	30.4	25.1
47.5°	102.5	93.7	85.4	77.2	69.7	62.6	55.5	48.2	40.8	33.4	26.9
45°	104.3	100.8	91.7	83.0	74.6	67.2	59.5	51.9	44.1	36.3	28.8
42.5°	104.2	103.3	97.8	88.5	80.0	71.7	63.4	55.4	47.3	38.9	30.9
40°	100.2	103.5	102.1	94.1	85.2	76.2	67.4	58.7	50.3	41.5	33.0
37.5°	95.9	101.3	102.4	99.5	90.2	80.8	71.4	61.9	53.2	44.0	35.1
35°	93.7	97.4	103.1	102.2	95.0	85.2	75.2	65.1	55.9	46.5	37.0
32.5°	92.1	94.5	100.2	102.7	99.6	89.3	79.0	68.4	58.5	48.8	38.7
30°	92.2	93.0	97.1	103.0	102.7	93.3	82.5	71.3	60.9	51.1	40.4
27.5°	92.5	91.4	94.6	101.2	103.0	97.0	85.6	74.0	63.1	53.1	42.2
25°	93.1	91.2	93.2	98.8	103.1	100.5	88.6	76.4	65.2	54.9	43.8
22.5°	94.3	91.4	91.7	96.5	103.5	103.9	91.4	78.8	67.2	56.6	45.4
20°	95.5	91.6	90.2	94.7	102.8	104.4	94.2	81.0	69.0	58.1	46.8
17.5°	97.1	92.3	90.3	93.6	101.3	104.8	96.8	83.0	70.5	59.4	48.1
15°	99.4	93.4	90.7	92.7	99.9	105.2	99.2	84.8	71.7	60.6	49.2
12.5°	101.3	94.4	91.0	91.9	98.5	105.7	101.4	86.3	72.7	61.5	50.2
10°	102.6	95.2	91.2	91.2	97.3	106.2	103.4	87.7	73.6	62.4	51.0
7.5°	103.6	95.8	91.4	90.7	96.3	106.4	105.1	89.1	74.4	63.0	51.6
5°	104.3	96.5	92.0	90.8	95.5	106.4	106.4	90.3	74.9	63.4	52.1
2.5°	105.5	97.4	92.7	91.2	95.1	106.4	107.4	91.1	75.2	63.7	52.3
0°	106.4	98.2	93.3	91.7	94.9	106.4	108.0	91.7	75.3	63.8	52.4
-2.5°	105.5	97.4	92.7	91.2	95.1	106.4	107.4	91.1	75.2	63.7	52.3
-5°	104.3	96.5	92.0	90.8	95.5	106.4	106.4	90.3	74.9	63.4	52.1
-7.5°	103.6	95.8	91.4	90.7	96.3	106.4	105.1	89.1	74.4	63.0	51.6
-10°	102.6	95.2	91.2	91.2	97.3	106.2	103.4	87.7	73.6	62.4	51.0
-12.5°	101.3	94.4	91.0	91.9	98.5	105.7	101.4	86.3	72.7	61.5	50.2
-15°	99.4	93.4	90.7	92.7	99.9	105.2	99.2	84.8	71.7	60.6	49.2
-17.5°	97.1	92.3	90.3	93.6	101.3	104.8	96.8	83.0	70.5	59.4	48.1
-20°	95.5	91.6	90.2	94.7	102.8	104.4	94.2	81.0	69.0	58.1	46.8



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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°	94.3	91.4	91.7	96.5	103.5	103.9	91.4	78.8	67.2	56.6	45.4
-25°	93.1	91.2	93.2	98.8	103.1	100.5	88.6	76.4	65.2	54.9	43.8
-27.5°	92.5	91.4	94.6	101.2	103.0	97.0	85.6	74.0	63.1	53.1	42.2
-30°	92.2	93.0	97.1	103.0	102.7	93.3	82.5	71.3	60.9	51.1	40.4
-32.5°	92.1	94.5	100.2	102.7	99.6	89.3	79.0	68.4	58.5	48.8	38.7
-35°	93.7	97.4	103.1	102.2	95.0	85.2	75.2	65.1	55.9	46.5	37.0
-37.5°	95.9	101.3	102.4	99.5	90.2	80.8	71.4	61.9	53.2	44.0	35.1
-40°	100.2	103.5	102.1	94.1	85.2	76.2	67.4	58.7	50.3	41.5	33.0
-42.5°	104.2	103.3	97.8	88.5	80.0	71.7	63.4	55.4	47.3	38.9	30.9
-45°	104.3	100.8	91.7	83.0	74.6	67.2	59.5	51.9	44.1	36.3	28.8
-47.5°	102.5	93.7	85.4	77.2	69.7	62.6	55.5	48.2	40.8	33.4	26.9
-50°	94.4	86.5	79.0	71.7	64.8	58.1	51.3	44.4	37.4	30.4	25.1
-52.5°	86.3	79.5	72.6	65.9	59.7	53.4	47.0	40.5	33.9	27.9	23.1
-55°	78.5	72.3	66.0	60.2	54.5	48.6	42.5	36.5	30.3	25.6	21.1
-57.5°	70.5	64.9	59.7	54.5	49.1	43.6	38.0	32.3	27.4	23.2	19.0
-60°	62.6	58.1	53.4	48.6	43.6	38.6	33.4	28.5	24.7	20.8	16.9
-62.5°	55.5	51.3	47.0	42.5	38.2	33.6	28.9	25.4	21.9	18.3	14.7
-65°	48.2	44.4	40.5	36.9	32.9	28.9	25.4	22.2	19.0	15.8	12.7
-67.5°	40.8	37.8	34.9	31.5	28.1	24.9	21.9	19.0	16.1	13.2	11.4
-70°	33.9	31.4	29.1	26.3	23.5	20.8	18.3	15.8	13.2	11.6	10.0
-72.5°	27.4	25.5	23.4	21.1	19.0	16.9	14.7	12.7	11.4	10.0	8.6
-75°	21.5	19.9	18.2	16.5	14.7	13.0	11.9	10.7	9.5	8.4	7.1
-77.5°	16.1	14.7	13.3	12.4	11.5	10.6	9.6	8.7	7.7	6.7	5.7
-80°	11.6	11.0	10.3	9.6	8.9	8.2	7.4	6.6	5.9	5.1	4.3
-82.5°	8.3	7.8	7.3	6.8	6.3	5.7	5.2	4.6	4.0	3.4	3.0
-85°	5.0	4.7	4.4	4.0	3.7	3.3	3.0	2.8	2.5	2.3	2.0
-87.5°	2.2	2.1	2.0	1.9	1.8	1.6	1.5	1.4	1.3	1.1	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



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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°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
85°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
82.5°	2.6	2.1	1.7	1.3	0.9	0.4	0.0
80°	3.4	2.8	2.3	1.7	1.1	0.6	0.0
77.5°	4.7	3.7	2.8	2.1	1.4	0.7	0.0
75°	5.9	4.7	3.4	2.6	1.7	0.9	0.0
72.5°	7.1	5.7	4.3	3.0	2.0	1.0	0.0
70°	8.4	6.7	5.1	3.4	2.3	1.1	0.0
67.5°	9.5	7.7	5.9	4.0	2.5	1.3	0.0
65°	10.7	8.7	6.6	4.6	2.8	1.4	0.0
62.5°	11.9	9.6	7.4	5.2	3.0	1.5	0.0
60°	13.0	10.6	8.2	5.7	3.3	1.6	0.0
57.5°	14.7	11.5	8.9	6.3	3.7	1.8	0.0
55°	16.5	12.4	9.6	6.8	4.0	1.9	0.0
52.5°	18.2	13.3	10.3	7.3	4.4	2.0	0.0
50°	19.9	14.7	11.0	7.8	4.7	2.1	0.0
47.5°	21.5	16.1	11.6	8.3	5.0	2.2	0.0
45°	23.1	17.4	12.2	8.8	5.3	2.3	0.0
42.5°	24.6	18.6	12.8	9.2	5.6	2.4	0.0
40°	26.0	19.8	13.6	9.6	5.9	2.5	0.0
37.5°	27.4	20.9	14.5	10.0	6.2	2.6	0.0
35°	28.6	22.0	15.3	10.4	6.4	2.7	0.0
32.5°	29.9	23.0	16.1	10.8	6.7	2.8	0.0
30°	31.4	23.9	16.9	11.1	6.9	2.9	0.0
27.5°	32.6	24.8	17.6	11.4	7.1	2.9	0.0
25°	33.8	25.6	18.2	11.7	7.3	3.0	0.0
22.5°	34.8	26.3	18.8	12.0	7.5	3.0	0.0
20°	35.7	27.0	19.3	12.2	7.6	3.1	0.0
17.5°	36.6	27.6	19.8	12.4	7.7	3.1	0.0
15°	37.5	28.1	20.2	12.6	7.9	3.2	0.0
12.5°	38.3	28.5	20.5	12.7	8.0	3.2	0.0
10°	39.1	28.9	20.8	12.9	8.1	3.2	0.0
7.5°	39.7	29.1	21.0	13.0	8.1	3.3	0.0
5°	40.2	29.3	21.2	13.0	8.2	3.3	0.0
2.5°	40.6	29.5	21.3	13.1	8.2	3.3	0.0
0°	40.9	29.5	21.3	13.1	8.2	3.3	0.0
-2.5°	40.6	29.5	21.3	13.1	8.2	3.3	0.0
-5°	40.2	29.3	21.2	13.0	8.2	3.3	0.0
-7.5°	39.7	29.1	21.0	13.0	8.1	3.3	0.0
-10°	39.1	28.9	20.8	12.9	8.1	3.2	0.0
-12.5°	38.3	28.5	20.5	12.7	8.0	3.2	0.0
-15°	37.5	28.1	20.2	12.6	7.9	3.2	0.0
-17.5°	36.6	27.6	19.8	12.4	7.7	3.1	0.0
-20°	35.7	27.0	19.3	12.2	7.6	3.1	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	34.8	26.3	18.8	12.0	7.5	3.0	0.0
-25°	33.8	25.6	18.2	11.7	7.3	3.0	0.0
-27.5°	32.6	24.8	17.6	11.4	7.1	2.9	0.0
-30°	31.4	23.9	16.9	11.1	6.9	2.9	0.0
-32.5°	29.9	23.0	16.1	10.8	6.7	2.8	0.0
-35°	28.6	22.0	15.3	10.4	6.4	2.7	0.0
-37.5°	27.4	20.9	14.5	10.0	6.2	2.6	0.0
-40°	26.0	19.8	13.6	9.6	5.9	2.5	0.0
-42.5°	24.6	18.6	12.8	9.2	5.6	2.4	0.0
-45°	23.1	17.4	12.2	8.8	5.3	2.3	0.0
-47.5°	21.5	16.1	11.6	8.3	5.0	2.2	0.0
-50°	19.9	14.7	11.0	7.8	4.7	2.1	0.0
-52.5°	18.2	13.3	10.3	7.3	4.4	2.0	0.0
-55°	16.5	12.4	9.6	6.8	4.0	1.9	0.0
-57.5°	14.7	11.5	8.9	6.3	3.7	1.8	0.0
-60°	13.0	10.6	8.2	5.7	3.3	1.6	0.0
-62.5°	11.9	9.6	7.4	5.2	3.0	1.5	0.0
-65°	10.7	8.7	6.6	4.6	2.8	1.4	0.0
-67.5°	9.5	7.7	5.9	4.0	2.5	1.3	0.0
-70°	8.4	6.7	5.1	3.4	2.3	1.1	0.0
-72.5°	7.1	5.7	4.3	3.0	2.0	1.0	0.0
-75°	5.9	4.7	3.4	2.6	1.7	0.9	0.0
-77.5°	4.7	3.7	2.8	2.1	1.4	0.7	0.0
-80°	3.4	2.8	2.3	1.7	1.1	0.6	0.0
-82.5°	2.6	2.1	1.7	1.3	0.9	0.4	0.0
-85°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
-87.5°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)