

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: P558756 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-930-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558756 (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-SA3B-930-U-MR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (48) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

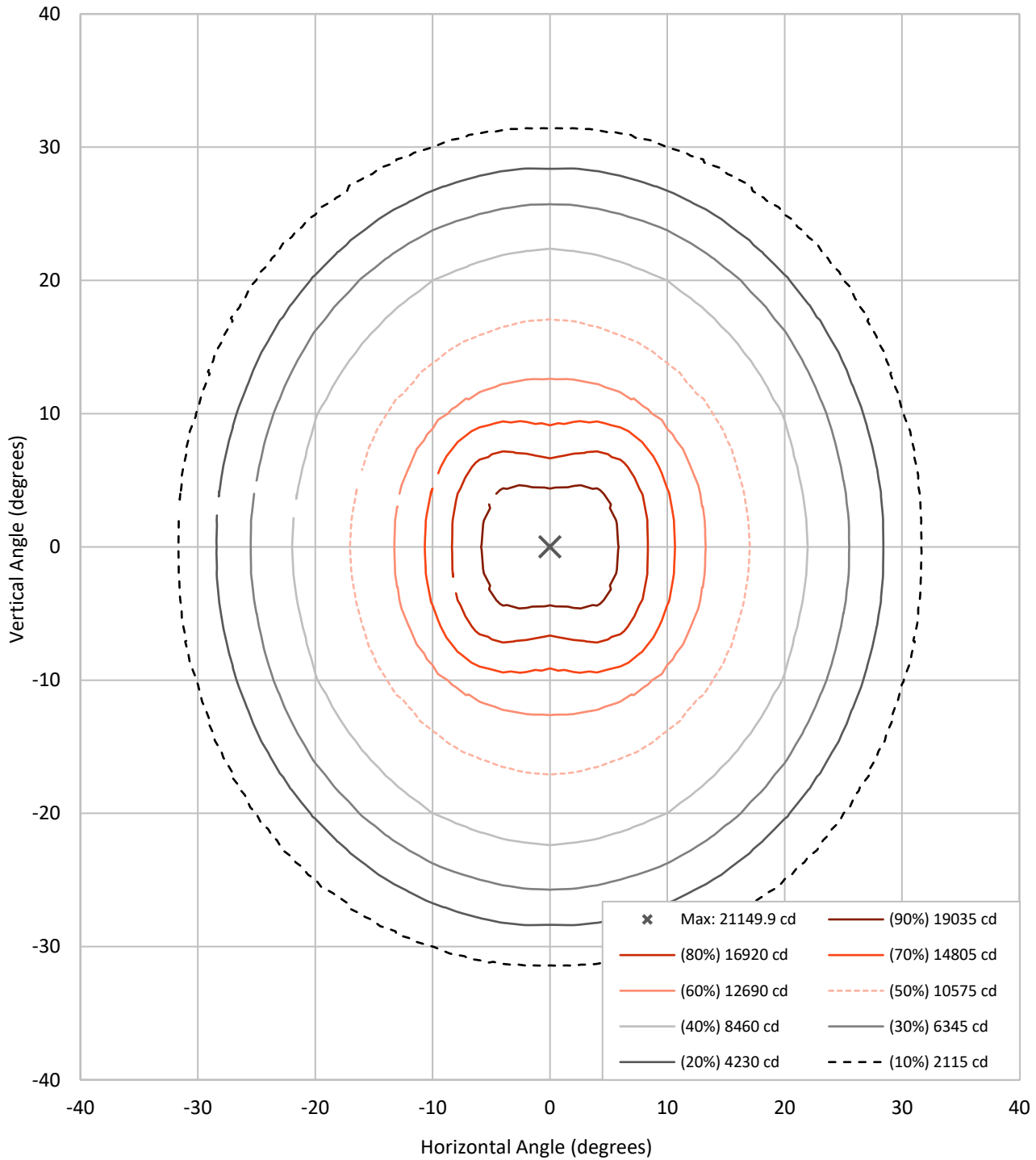
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	9356.2 lumens	Max Intensity:	21149.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	102.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	3985.1 lumens	Field Lumens:	8144.8 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 91
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





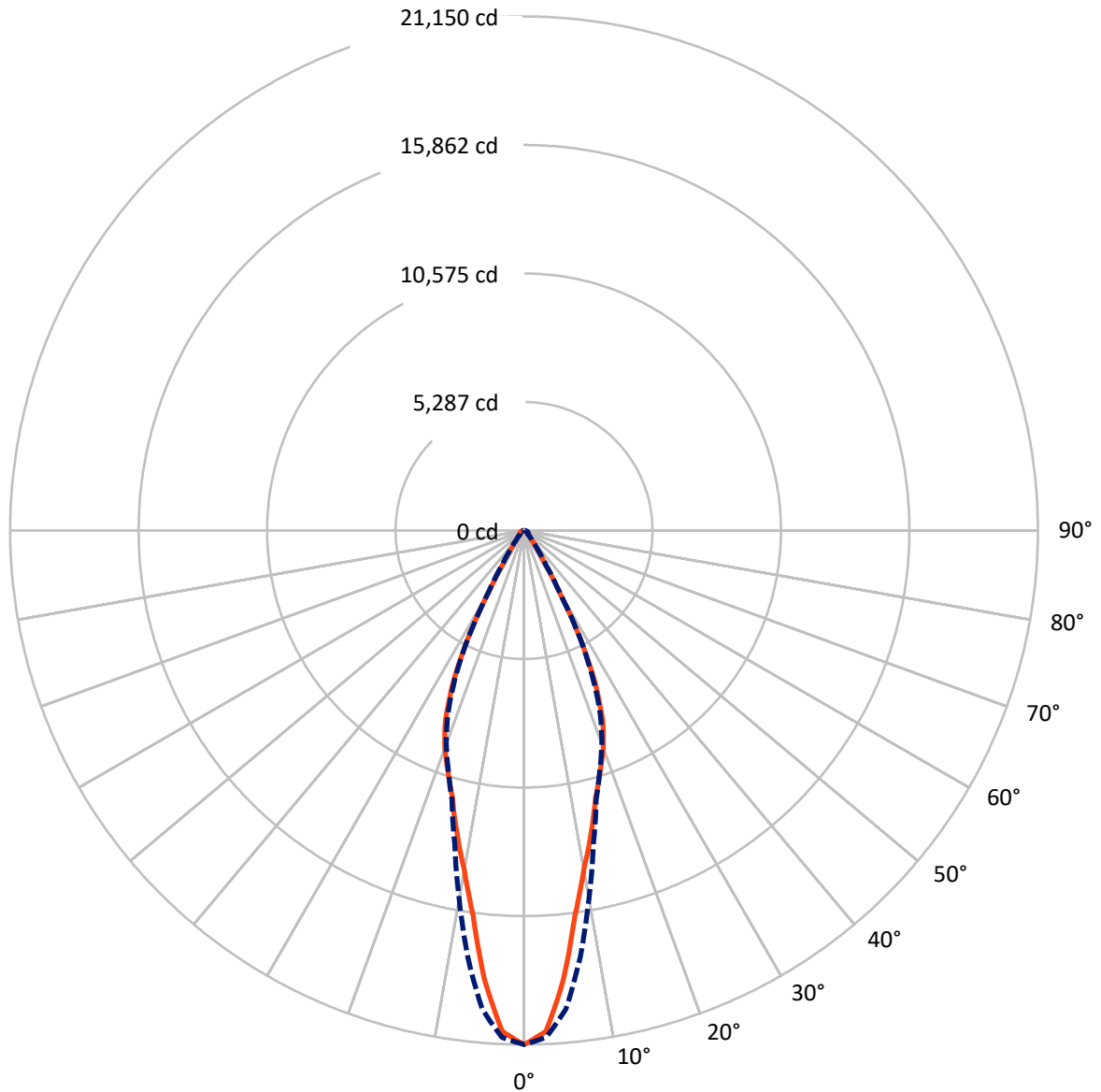
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Lumen Table

90	0.1	1.0	2.9	4.8	5.6	4.8	2.9	1.0	0.1							
80	0.1	1.0	2.9	4.8	5.6	4.8	2.9	1.0	0.1							
70	0.5	0.5	1.2	2.1	3.0	3.9	4.6	4.9	4.9	4.6	3.9	3.0	2.1	1.2	0.5	0.5
60		0.9	1.9	3.3	4.5	5.1	5.4	5.5	5.5	5.4	5.1	4.5	3.3	1.9	0.9	
50	0.9	1.2	2.6	4.0	4.7	5.8	7.4	8.5	8.5	7.4	5.8	4.7	4.0	2.6	1.2	0.9
40		1.5	3.1	4.0	6.0	11.9	22.7	34.6	34.6	22.7	11.9	6.0	4.0	3.1	1.5	
30	1.2	1.8	3.2	4.5	11.0	36.4	114.5	188.5	188.5	114.5	36.4	11.0	4.5	3.2	1.8	1.2
20		2.0	3.2	5.5	20.5	107.9	255.0	337.7	337.7	255.0	107.9	20.5	5.5	3.2	2.0	
10	1.3	2.0	3.2	6.4	31.1	170.0	331.6	523.3	523.3	331.6	170.0	31.1	6.4	3.2	2.0	1.3
0		2.0	3.2	6.4	31.1	170.0	331.6	523.3	523.3	331.6	170.0	31.1	6.4	3.2	2.0	
-10	1.2	2.0	3.2	5.5	20.5	107.9	255.0	337.7	337.7	255.0	107.9	20.5	5.5	3.2	2.0	1.2
-20		1.8	3.2	4.5	11.0	36.4	114.5	188.5	188.5	114.5	36.4	11.0	4.5	3.2	1.8	
-30	0.9	1.5	3.1	4.0	6.0	11.9	22.7	34.6	34.6	22.7	11.9	6.0	4.0	3.1	1.5	0.9
-40		1.2	2.6	4.0	4.7	5.8	7.4	8.5	8.5	7.4	5.8	4.7	4.0	2.6	1.2	
-50	0.5	0.9	1.9	3.3	4.5	5.1	5.4	5.5	5.5	5.4	5.1	4.5	3.3	1.9	0.9	0.5
-60		0.5	1.2	2.1	3.0	3.9	4.6	4.9	4.9	4.6	3.9	3.0	2.1	1.2	0.5	
-70	0.1	1.0	2.9	4.8	5.6	4.8	2.9	1.0	0.1							
-80		0.1	1.0	2.9	4.8	5.6	4.8	2.9	1.0	0.1						
-90	0.1	1.0	2.9	4.8	5.6	4.8	2.9	1.0	0.1							

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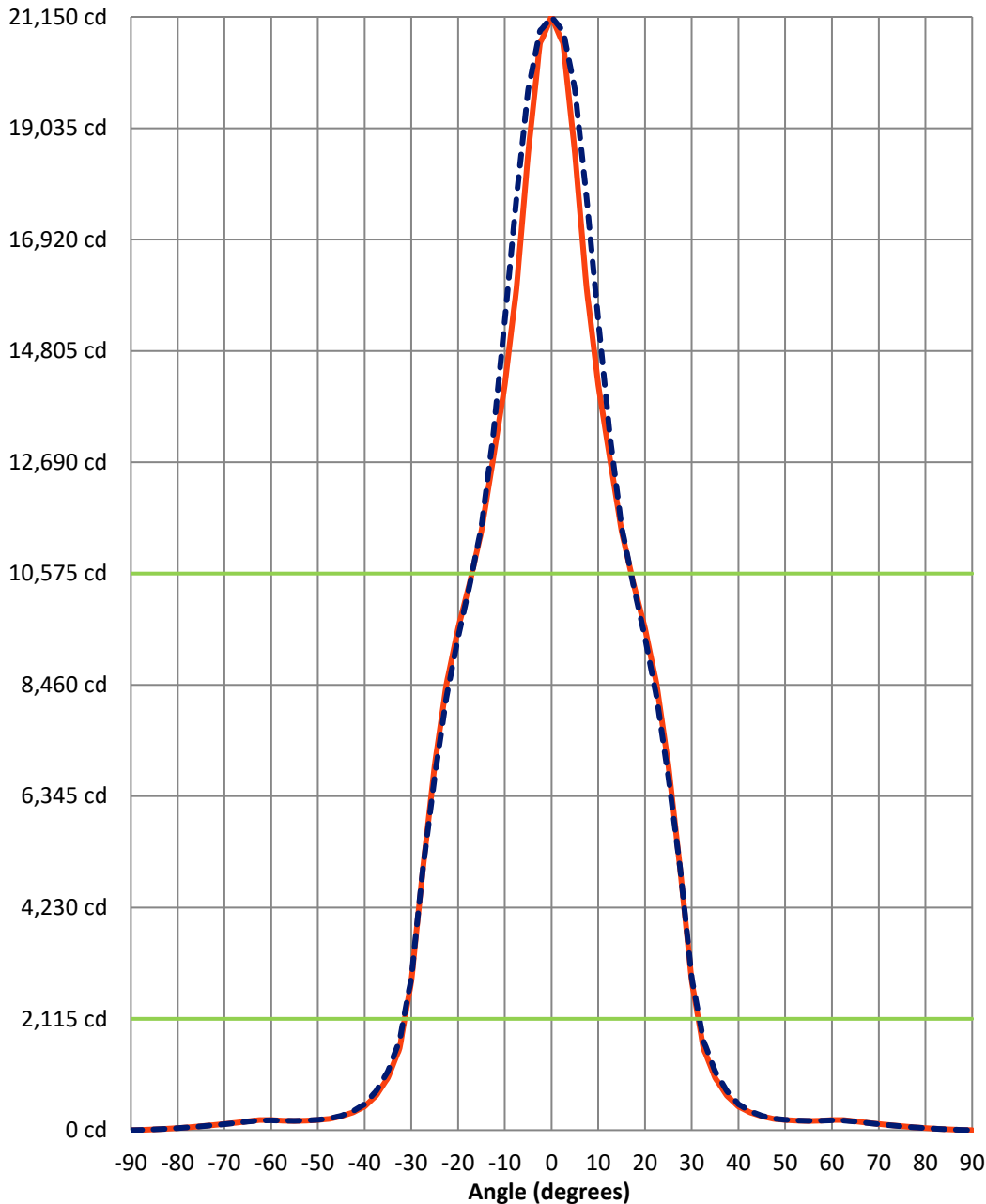
Luminous Intensity Polar Plot



— 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: 3985.1
 Efficiency: 42.6%

Field:
 H Angle: 63.3°
 V Angle: 62.8°
 Lumens: 8144.8
 Efficiency: 87.1%

Spill:
 Lumens: 1211.4
 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	0.2	0.5	0.7	0.9	1.2	1.4	1.6	1.8	2.1	2.3
85°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.2	3.7	4.1	4.6
82.5°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.7	7.8
80°	0.0	0.9	1.9	2.8	3.7	4.7	5.7	7.3	8.8	10.2	11.6
77.5°	0.0	1.2	2.3	3.5	4.7	6.1	8.2	10.2	12.0	13.7	15.5
75°	0.0	1.4	2.8	4.2	5.7	8.1	10.7	13.0	15.2	17.5	19.9
72.5°	0.0	1.6	3.2	4.9	7.3	10.1	13.1	15.9	18.6	21.4	24.3
70°	0.0	1.8	3.7	5.6	8.8	12.1	15.5	18.8	21.9	25.2	29.5
67.5°	0.0	2.1	4.1	6.7	10.3	14.0	17.9	21.6	25.2	30.1	34.9
65°	0.0	2.3	4.6	7.8	11.8	16.0	20.3	24.3	29.5	34.9	40.6
62.5°	0.0	2.5	5.0	8.9	13.3	18.0	22.7	27.7	33.7	39.8	47.1
60°	0.0	2.7	5.4	9.9	14.7	20.0	25.0	31.3	37.8	45.6	53.6
57.5°	0.0	2.9	6.1	11.0	16.3	22.0	28.0	34.8	42.6	51.3	60.2
55°	0.0	3.1	6.7	11.9	17.8	24.0	30.9	38.3	47.5	56.9	66.7
52.5°	0.0	3.3	7.4	12.9	19.4	25.9	33.8	42.4	52.3	62.5	73.0
50°	0.0	3.5	8.0	13.8	20.9	28.3	36.6	46.4	57.0	67.8	79.6
47.5°	0.0	3.6	8.6	14.7	22.4	30.5	39.4	50.2	61.5	72.9	86.1
45°	0.0	3.8	9.2	15.8	23.8	32.7	42.5	53.9	65.8	78.6	92.4
42.5°	0.0	4.0	9.8	16.8	25.2	34.8	45.5	57.5	70.0	84.2	98.9
40°	0.0	4.1	10.4	17.8	26.6	36.8	48.3	61.0	74.2	89.6	105.2
37.5°	0.0	4.3	10.9	18.8	28.2	38.7	50.9	64.3	78.8	94.7	111.3
35°	0.0	4.4	11.4	19.7	29.6	40.6	53.4	67.5	83.0	99.8	117.1
32.5°	0.0	4.6	11.9	20.5	30.9	42.6	55.8	70.5	87.0	104.5	122.6
30°	0.0	4.7	12.3	21.3	32.2	44.3	58.2	73.5	90.7	109.0	127.9
27.5°	0.0	4.8	12.7	22.0	33.3	46.0	60.4	76.5	94.2	113.1	132.7
25°	0.0	4.9	13.1	22.6	34.3	47.5	62.5	79.2	97.5	117.0	137.2
22.5°	0.0	5.0	13.5	23.1	35.1	48.8	64.3	81.7	100.6	120.6	141.6
20°	0.0	5.1	13.8	23.6	35.9	49.9	66.1	83.9	103.3	123.9	145.6
17.5°	0.0	5.1	14.1	24.0	36.6	50.9	67.6	85.9	105.7	126.7	149.1
15°	0.0	5.2	14.4	24.4	37.2	51.8	68.9	87.6	107.8	129.2	152.1
12.5°	0.0	5.3	14.6	24.7	37.7	52.5	70.0	89.0	109.6	131.4	154.6
10°	0.0	5.3	14.8	24.9	38.1	53.0	71.0	90.2	111.0	133.3	156.9
7.5°	0.0	5.4	15.0	25.0	38.4	53.4	71.7	91.2	112.0	134.9	159.2
5°	0.0	5.4	15.1	25.1	38.6	53.7	72.3	91.9	112.7	136.1	161.0
2.5°	0.0	5.4	15.2	25.1	38.6	53.8	72.6	92.3	113.0	136.9	162.4
0°	0.0	5.4	15.3	25.1	38.6	53.8	72.6	92.3	113.0	136.9	162.4
-2.5°	0.0	5.4	15.2	25.1	38.6	53.8	72.6	92.3	113.0	136.9	162.4
-5°	0.0	5.4	15.1	25.1	38.6	53.7	72.3	91.9	112.7	136.1	161.0
-7.5°	0.0	5.4	15.0	25.0	38.4	53.4	71.7	91.2	112.0	134.9	159.2
-10°	0.0	5.3	14.8	24.9	38.1	53.0	71.0	90.2	111.0	133.3	156.9
-12.5°	0.0	5.3	14.6	24.7	37.7	52.5	70.0	89.0	109.6	131.4	154.6
-15°	0.0	5.2	14.4	24.4	37.2	51.8	68.9	87.6	107.8	129.2	152.1
-17.5°	0.0	5.1	14.1	24.0	36.6	50.9	67.6	85.9	105.7	126.7	149.1
-20°	0.0	5.1	13.8	23.6	35.9	49.9	66.1	83.9	103.3	123.9	145.6



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 CATALOG NUMBER: GFLD-SA3B-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.0	13.5	23.1	35.1	48.8	64.3	81.7	100.6	120.6	141.6
-25°	0.0	4.9	13.1	22.6	34.3	47.5	62.5	79.2	97.5	117.0	137.2
-27.5°	0.0	4.8	12.7	22.0	33.3	46.0	60.4	76.5	94.2	113.1	132.7
-30°	0.0	4.7	12.3	21.3	32.2	44.3	58.2	73.5	90.7	109.0	127.9
-32.5°	0.0	4.6	11.9	20.5	30.9	42.6	55.8	70.5	87.0	104.5	122.6
-35°	0.0	4.4	11.4	19.7	29.6	40.6	53.4	67.5	83.0	99.8	117.1
-37.5°	0.0	4.3	10.9	18.8	28.2	38.7	50.9	64.3	78.8	94.7	111.3
-40°	0.0	4.1	10.4	17.8	26.6	36.8	48.3	61.0	74.2	89.6	105.2
-42.5°	0.0	4.0	9.8	16.8	25.2	34.8	45.5	57.5	70.0	84.2	98.9
-45°	0.0	3.8	9.2	15.8	23.8	32.7	42.5	53.9	65.8	78.6	92.4
-47.5°	0.0	3.6	8.6	14.7	22.4	30.5	39.4	50.2	61.5	72.9	86.1
-50°	0.0	3.5	8.0	13.8	20.9	28.3	36.6	46.4	57.0	67.8	79.6
-52.5°	0.0	3.3	7.4	12.9	19.4	25.9	33.8	42.4	52.3	62.5	73.0
-55°	0.0	3.1	6.7	11.9	17.8	24.0	30.9	38.3	47.5	56.9	66.7
-57.5°	0.0	2.9	6.1	11.0	16.3	22.0	28.0	34.8	42.6	51.3	60.2
-60°	0.0	2.7	5.4	9.9	14.7	20.0	25.0	31.3	37.8	45.6	53.6
-62.5°	0.0	2.5	5.0	8.9	13.3	18.0	22.7	27.7	33.7	39.8	47.1
-65°	0.0	2.3	4.6	7.8	11.8	16.0	20.3	24.3	29.5	34.9	40.6
-67.5°	0.0	2.1	4.1	6.7	10.3	14.0	17.9	21.6	25.2	30.1	34.9
-70°	0.0	1.8	3.7	5.6	8.8	12.1	15.5	18.8	21.9	25.2	29.5
-72.5°	0.0	1.6	3.2	4.9	7.3	10.1	13.1	15.9	18.6	21.4	24.3
-75°	0.0	1.4	2.8	4.2	5.7	8.1	10.7	13.0	15.2	17.5	19.9
-77.5°	0.0	1.2	2.3	3.5	4.7	6.1	8.2	10.2	12.0	13.7	15.5
-80°	0.0	0.9	1.9	2.8	3.7	4.7	5.7	7.3	8.8	10.2	11.6
-82.5°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.7	7.8
-85°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.2	3.7	4.1	4.6
-87.5°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.6	1.8	2.1	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



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.5	2.7	2.9	3.1	3.3	3.5	3.6	3.8	4.0	4.1	4.3
85°	5.0	5.4	6.1	6.7	7.3	7.8	8.3	8.8	9.2	9.7	10.1
82.5°	8.8	9.9	10.9	11.9	12.6	13.3	14.0	15.0	16.1	17.2	18.2
80°	13.0	14.3	16.0	17.7	19.2	20.8	22.3	23.8	25.3	26.9	28.5
77.5°	17.6	19.8	22.0	24.2	26.4	28.9	31.5	33.9	36.2	38.2	40.0
75°	22.5	25.2	28.5	31.9	35.1	38.3	41.5	44.9	48.0	50.7	53.3
72.5°	27.8	31.8	35.8	39.8	44.2	48.5	52.7	56.7	60.3	63.8	67.2
70°	33.8	38.4	43.7	49.0	54.2	59.1	63.9	68.5	72.7	77.2	82.1
67.5°	39.9	46.2	52.3	58.3	64.4	70.0	75.3	81.1	86.9	92.5	97.9
65°	47.2	54.0	61.1	68.1	74.7	81.5	88.2	94.8	101.6	108.0	114.0
62.5°	54.3	62.3	70.2	77.9	85.7	93.4	101.3	109.1	116.6	124.4	131.9
60°	62.0	70.7	79.3	88.0	96.7	105.9	114.7	123.9	133.1	141.9	150.5
57.5°	69.5	79.0	88.4	98.2	108.4	118.5	129.0	139.2	149.8	159.9	168.7
55°	76.9	87.1	97.6	108.9	120.1	131.8	143.4	155.4	166.7	175.2	183.2
52.5°	84.3	95.2	107.3	119.5	132.1	145.2	158.7	170.2	179.7	186.9	188.7
50°	91.5	104.0	116.8	130.3	144.2	158.9	171.8	182.2	187.6	189.6	188.5
47.5°	99.1	112.6	126.4	140.9	156.4	170.4	182.6	188.0	190.5	187.7	184.3
45°	106.7	121.1	135.8	151.6	167.1	180.4	187.3	191.1	187.7	184.3	182.0
42.5°	114.0	129.5	145.5	161.8	176.2	185.6	189.9	187.8	184.8	182.3	183.1
40°	121.2	137.5	155.0	170.3	183.3	188.1	187.4	184.7	183.0	184.1	187.8
37.5°	128.2	145.9	163.7	178.6	185.6	187.5	184.3	182.6	183.9	188.1	196.2
35°	134.8	153.9	170.9	183.4	188.1	184.8	182.4	182.2	187.0	195.6	207.7
32.5°	141.5	161.6	177.7	185.5	186.2	182.6	180.8	184.9	192.5	203.9	224.1
30°	148.0	167.5	182.6	187.4	184.1	181.3	182.3	188.2	198.5	217.4	250.1
27.5°	153.9	172.9	184.2	186.5	182.3	179.9	184.4	193.3	208.3	233.5	280.1
25°	159.3	177.7	185.6	184.8	181.1	180.8	186.9	197.9	218.5	259.2	323.2
22.5°	163.8	182.1	187.0	183.2	179.8	182.2	190.7	206.0	233.6	283.6	368.1
20°	167.4	183.2	186.7	181.7	178.6	183.4	194.2	214.0	253.9	321.6	418.6
17.5°	170.7	184.2	185.5	180.7	179.3	185.3	197.8	221.1	272.0	354.3	467.2
15°	173.6	185.1	184.3	179.8	180.2	187.8	203.6	234.6	293.7	385.1	510.8
12.5°	176.1	185.8	183.1	179.1	180.9	190.0	208.5	246.8	315.0	418.5	580.8
10°	178.2	186.4	182.1	178.5	181.3	191.6	212.6	256.4	331.5	446.9	639.5
7.5°	180.1	186.9	181.2	178.0	181.5	192.9	215.6	263.5	343.3	469.7	683.4
5°	181.6	187.2	180.7	177.8	182.2	194.2	217.9	268.1	350.4	486.2	712.8
2.5°	182.5	187.4	180.4	177.6	183.1	196.0	219.8	272.0	356.8	494.4	733.7
0°	183.0	187.5	180.3	177.6	183.9	197.4	220.7	273.6	359.8	494.3	746.4
-2.5°	182.5	187.4	180.4	177.6	183.1	196.0	219.8	272.0	356.8	494.4	733.7
-5°	181.6	187.2	180.7	177.8	182.2	194.2	217.9	268.1	350.4	486.2	712.8
-7.5°	180.1	186.9	181.2	178.0	181.5	192.9	215.6	263.5	343.3	469.7	683.4
-10°	178.2	186.4	182.1	178.5	181.3	191.6	212.6	256.4	331.5	446.9	639.5
-12.5°	176.1	185.8	183.1	179.1	180.9	190.0	208.5	246.8	315.0	418.5	580.8
-15°	173.6	185.1	184.3	179.8	180.2	187.8	203.6	234.6	293.7	385.1	510.8
-17.5°	170.7	184.2	185.5	180.7	179.3	185.3	197.8	221.1	272.0	354.3	467.2
-20°	167.4	183.2	186.7	181.7	178.6	183.4	194.2	214.0	253.9	321.6	418.6



REPORT NUMBER: P558756 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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°	163.8	182.1	187.0	183.2	179.8	182.2	190.7	206.0	233.6	283.6	368.1
-25°	159.3	177.7	185.6	184.8	181.1	180.8	186.9	197.9	218.5	259.2	323.2
-27.5°	153.9	172.9	184.2	186.5	182.3	179.9	184.4	193.3	208.3	233.5	280.1
-30°	148.0	167.5	182.6	187.4	184.1	181.3	182.3	188.2	198.5	217.4	250.1
-32.5°	141.5	161.6	177.7	185.5	186.2	182.6	180.8	184.9	192.5	203.9	224.1
-35°	134.8	153.9	170.9	183.4	188.1	184.8	182.4	182.2	187.0	195.6	207.7
-37.5°	128.2	145.9	163.7	178.6	185.6	187.5	184.3	182.6	183.9	188.1	196.2
-40°	121.2	137.5	155.0	170.3	183.3	188.1	187.4	184.7	183.0	184.1	187.8
-42.5°	114.0	129.5	145.5	161.8	176.2	185.6	189.9	187.8	184.8	182.3	183.1
-45°	106.7	121.1	135.8	151.6	167.1	180.4	187.3	191.1	187.7	184.3	182.0
-47.5°	99.1	112.6	126.4	140.9	156.4	170.4	182.6	188.0	190.5	187.7	184.3
-50°	91.5	104.0	116.8	130.3	144.2	158.9	171.8	182.2	187.6	189.6	188.5
-52.5°	84.3	95.2	107.3	119.5	132.1	145.2	158.7	170.2	179.7	186.9	188.7
-55°	76.9	87.1	97.6	108.9	120.1	131.8	143.4	155.4	166.7	175.2	183.2
-57.5°	69.5	79.0	88.4	98.2	108.4	118.5	129.0	139.2	149.8	159.9	168.7
-60°	62.0	70.7	79.3	88.0	96.7	105.9	114.7	123.9	133.1	141.9	150.5
-62.5°	54.3	62.3	70.2	77.9	85.7	93.4	101.3	109.1	116.6	124.4	131.9
-65°	47.2	54.0	61.1	68.1	74.7	81.5	88.2	94.8	101.6	108.0	114.0
-67.5°	39.9	46.2	52.3	58.3	64.4	70.0	75.3	81.1	86.9	92.5	97.9
-70°	33.8	38.4	43.7	49.0	54.2	59.1	63.9	68.5	72.7	77.2	82.1
-72.5°	27.8	31.8	35.8	39.8	44.2	48.5	52.7	56.7	60.3	63.8	67.2
-75°	22.5	25.2	28.5	31.9	35.1	38.3	41.5	44.9	48.0	50.7	53.3
-77.5°	17.6	19.8	22.0	24.2	26.4	28.9	31.5	33.9	36.2	38.2	40.0
-80°	13.0	14.3	16.0	17.7	19.2	20.8	22.3	23.8	25.3	26.9	28.5
-82.5°	8.8	9.9	10.9	11.9	12.6	13.3	14.0	15.0	16.1	17.2	18.2
-85°	5.0	5.4	6.1	6.7	7.3	7.8	8.3	8.8	9.2	9.7	10.1
-87.5°	2.5	2.7	2.9	3.1	3.3	3.5	3.6	3.8	4.0	4.1	4.3
-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: P558756 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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°	4.4	4.4	4.3	4.2	4.1	4.2	4.2	4.3	4.3	4.6	4.9
85°	10.6	11.0	11.5	12.0	12.5	12.9	13.2	13.5	13.7	13.9	14.1
82.5°	19.2	20.2	21.1	22.0	22.7	23.3	23.9	24.4	24.8	25.2	25.5
80°	29.9	31.2	32.4	33.5	34.4	35.2	35.9	36.4	36.9	37.8	38.6
77.5°	41.9	43.8	45.5	47.0	48.5	49.9	51.2	52.4	53.4	54.2	54.8
75°	55.7	58.1	60.4	62.6	64.6	66.7	68.7	70.5	72.1	73.2	74.0
72.5°	70.7	73.9	76.7	79.5	81.9	84.4	86.9	89.1	91.1	92.6	93.8
70°	86.6	90.7	94.1	97.2	100.3	103.4	106.4	109.1	111.4	113.3	114.8
67.5°	103.1	107.8	112.0	116.1	120.3	124.1	127.8	131.2	134.4	136.8	138.4
65°	120.0	126.0	131.6	136.7	141.3	145.7	150.2	154.5	158.3	161.5	163.9
62.5°	139.0	145.9	152.3	157.9	163.0	167.1	171.5	175.5	179.0	182.3	185.7
60°	158.6	166.3	171.9	176.6	181.0	184.9	186.4	187.9	189.1	190.2	191.5
57.5°	175.7	182.2	187.0	188.1	189.1	189.9	189.4	187.8	186.2	184.6	183.4
55°	187.5	189.4	191.5	189.9	187.2	184.8	182.6	181.1	179.7	178.4	177.3
52.5°	190.7	188.9	186.6	184.2	182.4	180.5	178.6	179.0	179.6	180.0	180.2
50°	186.0	183.9	182.7	181.3	181.6	182.5	183.3	185.0	187.3	188.8	190.2
47.5°	182.4	181.1	182.8	185.1	187.3	191.1	194.6	197.9	203.1	207.2	210.5
45°	181.5	184.9	188.4	194.0	198.9	207.4	215.3	222.0	234.4	245.7	254.6
42.5°	186.6	192.5	198.9	209.7	221.4	236.4	255.6	271.9	291.0	308.8	321.7
40°	195.1	203.7	218.1	235.5	262.8	287.1	319.0	346.3	371.9	399.1	419.6
37.5°	207.3	223.3	250.2	281.5	323.0	362.8	406.8	449.5	485.9	540.9	584.0
35°	225.4	257.9	296.0	348.4	402.5	463.6	527.9	610.7	683.7	769.3	849.8
32.5°	258.3	302.3	362.1	432.9	504.9	610.2	709.6	844.2	965.2	1116.2	1278.7
30°	296.9	362.5	442.9	535.3	665.6	810.6	973.9	1180.4	1425.8	1718.1	2110.2
27.5°	350.0	434.3	535.3	685.3	870.1	1064.3	1354.0	1701.1	2333.9	2885.2	3615.9
25°	407.2	510.2	670.0	871.5	1114.8	1464.4	2030.7	2753.1	3776.4	4754.8	5536.9
22.5°	473.2	623.7	825.4	1076.1	1469.9	2146.8	3026.0	4298.3	5439.3	6426.1	7186.0
20°	546.2	734.9	1006.1	1389.3	2059.8	3051.2	4462.6	5768.3	6933.7	7783.2	8454.7
17.5°	640.7	887.4	1231.4	1760.1	2789.2	4316.9	5772.0	7062.6	8076.6	8822.9	9418.2
15°	729.0	1027.7	1473.5	2375.6	3780.2	5413.0	6904.5	8055.7	8933.3	9627.8	10163.0
12.5°	833.3	1185.3	1756.6	2907.3	4691.5	6317.3	7708.6	8783.6	9628.6	10279.7	10997.0
10°	926.1	1354.8	2162.1	3615.9	5439.8	7028.0	8379.1	9345.2	10192.5	11040.9	12116.5
7.5°	1002.7	1497.2	2494.7	4213.7	6014.4	7553.8	8784.6	9749.9	10683.7	11816.8	13368.2
5°	1063.6	1604.5	2768.3	4665.1	6432.0	7929.0	9094.2	10072.7	11127.5	12643.3	14725.3
2.5°	1104.3	1674.8	2939.3	4937.8	6695.5	8144.2	9323.8	10283.8	11389.8	13106.0	15281.1
0°	1120.5	1707.2	2895.9	4987.2	6711.5	8214.2	9358.0	10362.8	11464.5	13183.4	15383.2
-2.5°	1104.3	1674.8	2939.3	4937.8	6695.5	8144.2	9323.8	10283.8	11389.8	13106.0	15281.1
-5°	1063.6	1604.5	2768.3	4665.1	6432.0	7929.0	9094.2	10072.7	11127.5	12643.3	14725.3
-7.5°	1002.7	1497.2	2494.7	4213.7	6014.4	7553.8	8784.6	9749.9	10683.7	11816.8	13368.2
-10°	926.1	1354.8	2162.1	3615.9	5439.8	7028.0	8379.1	9345.2	10192.5	11040.9	12116.5
-12.5°	833.3	1185.3	1756.6	2907.3	4691.5	6317.3	7708.6	8783.6	9628.6	10279.7	10997.0
-15°	729.0	1027.7	1473.5	2375.6	3780.2	5413.0	6904.5	8055.7	8933.3	9627.8	10163.0
-17.5°	640.7	887.4	1231.4	1760.1	2789.2	4316.9	5772.0	7062.6	8076.6	8822.9	9418.2
-20°	546.2	734.9	1006.1	1389.3	2059.8	3051.2	4462.6	5768.3	6933.7	7783.2	8454.7



REPORT NUMBER: P558756 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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°	473.2	623.7	825.4	1076.1	1469.9	2146.8	3026.0	4298.3	5439.3	6426.1	7186.0
-25°	407.2	510.2	670.0	871.5	1114.8	1464.4	2030.7	2753.1	3776.4	4754.8	5536.9
-27.5°	350.0	434.3	535.3	685.3	870.1	1064.3	1354.0	1701.1	2333.9	2885.2	3615.9
-30°	296.9	362.5	442.9	535.3	665.6	810.6	973.9	1180.4	1425.8	1718.1	2110.2
-32.5°	258.3	302.3	362.1	432.9	504.9	610.2	709.6	844.2	965.2	1116.2	1278.7
-35°	225.4	257.9	296.0	348.4	402.5	463.6	527.9	610.7	683.7	769.3	849.8
-37.5°	207.3	223.3	250.2	281.5	323.0	362.8	406.8	449.5	485.9	540.9	584.0
-40°	195.1	203.7	218.1	235.5	262.8	287.1	319.0	346.3	371.9	399.1	419.6
-42.5°	186.6	192.5	198.9	209.7	221.4	236.4	255.6	271.9	291.0	308.8	321.7
-45°	181.5	184.9	188.4	194.0	198.9	207.4	215.3	222.0	234.4	245.7	254.6
-47.5°	182.4	181.1	182.8	185.1	187.3	191.1	194.6	197.9	203.1	207.2	210.5
-50°	186.0	183.9	182.7	181.3	181.6	182.5	183.3	185.0	187.3	188.8	190.2
-52.5°	190.7	188.9	186.6	184.2	182.4	180.5	178.6	179.0	179.6	180.0	180.2
-55°	187.5	189.4	191.5	189.9	187.2	184.8	182.6	181.1	179.7	178.4	177.3
-57.5°	175.7	182.2	187.0	188.1	189.1	189.9	189.4	187.8	186.2	184.6	183.4
-60°	158.6	166.3	171.9	176.6	181.0	184.9	186.4	187.9	189.1	190.2	191.5
-62.5°	139.0	145.9	152.3	157.9	163.0	167.1	171.5	175.5	179.0	182.3	185.7
-65°	120.0	126.0	131.6	136.7	141.3	145.7	150.2	154.5	158.3	161.5	163.9
-67.5°	103.1	107.8	112.0	116.1	120.3	124.1	127.8	131.2	134.4	136.8	138.4
-70°	86.6	90.7	94.1	97.2	100.3	103.4	106.4	109.1	111.4	113.3	114.8
-72.5°	70.7	73.9	76.7	79.5	81.9	84.4	86.9	89.1	91.1	92.6	93.8
-75°	55.7	58.1	60.4	62.6	64.6	66.7	68.7	70.5	72.1	73.2	74.0
-77.5°	41.9	43.8	45.5	47.0	48.5	49.9	51.2	52.4	53.4	54.2	54.8
-80°	29.9	31.2	32.4	33.5	34.4	35.2	35.9	36.4	36.9	37.8	38.6
-82.5°	19.2	20.2	21.1	22.0	22.7	23.3	23.9	24.4	24.8	25.2	25.5
-85°	10.6	11.0	11.5	12.0	12.5	12.9	13.2	13.5	13.7	13.9	14.1
-87.5°	4.4	4.4	4.3	4.2	4.1	4.2	4.2	4.3	4.3	4.6	4.9
-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: P558756 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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°	5.1	5.4	5.4	5.4	5.4	5.4	5.1	4.9	4.6	4.3	4.3
85°	14.2	14.3	14.8	15.3	14.8	14.3	14.2	14.1	13.9	13.7	13.5
82.5°	25.7	25.9	26.0	26.0	26.0	25.9	25.7	25.5	25.2	24.8	24.4
80°	39.4	40.2	39.9	39.5	39.9	40.2	39.4	38.6	37.8	36.9	36.4
77.5°	55.1	55.3	55.1	54.7	55.1	55.3	55.1	54.8	54.2	53.4	52.4
75°	74.6	75.0	75.3	75.4	75.3	75.0	74.6	74.0	73.2	72.1	70.5
72.5°	94.7	95.4	95.4	95.1	95.4	95.4	94.7	93.8	92.6	91.1	89.1
70°	116.0	116.8	117.3	117.5	117.3	116.8	116.0	114.8	113.3	111.4	109.1
67.5°	139.5	140.1	140.7	140.9	140.7	140.1	139.5	138.4	136.8	134.4	131.2
65°	165.9	167.5	168.0	167.8	168.0	167.5	165.9	163.9	161.5	158.3	154.5
62.5°	188.7	191.5	192.6	192.9	192.6	191.5	188.7	185.7	182.3	179.0	175.5
60°	192.6	193.5	193.8	193.8	193.8	193.5	192.6	191.5	190.2	189.1	187.9
57.5°	182.2	181.1	180.5	180.3	180.5	181.1	182.2	183.4	184.6	186.2	187.8
55°	176.3	175.4	175.0	174.9	175.0	175.4	176.3	177.3	178.4	179.7	181.1
52.5°	180.3	180.2	180.5	181.2	180.5	180.2	180.3	180.2	180.0	179.6	179.0
50°	191.3	192.1	193.0	193.8	193.0	192.1	191.3	190.2	188.8	187.3	185.0
47.5°	212.9	214.1	214.9	215.3	214.9	214.1	212.9	210.5	207.2	203.1	197.9
45°	260.4	263.5	265.1	265.6	265.1	263.5	260.4	254.6	245.7	234.4	222.0
42.5°	330.2	334.9	336.9	337.3	336.9	334.9	330.2	321.7	308.8	291.0	271.9
40°	434.2	442.6	446.6	449.5	446.6	442.6	434.2	419.6	399.1	371.9	346.3
37.5°	616.3	637.2	649.1	659.4	649.1	637.2	616.3	584.0	540.9	485.9	449.5
35°	915.3	963.2	991.5	997.6	991.5	963.2	915.3	849.8	769.3	683.7	610.7
32.5°	1403.7	1497.8	1554.0	1561.0	1554.0	1497.8	1403.7	1278.7	1116.2	965.2	844.2
30°	2414.6	2678.2	2858.9	2834.0	2858.9	2678.2	2414.6	2110.2	1718.1	1425.8	1180.4
27.5°	4214.5	4692.6	5003.1	4977.3	5003.1	4692.6	4214.5	3615.9	2885.2	2333.9	1701.1
25°	6138.3	6578.3	6838.1	6934.0	6838.1	6578.3	6138.3	5536.9	4754.8	3776.4	2753.1
22.5°	7709.2	8102.6	8327.3	8461.8	8327.3	8102.6	7709.2	7186.0	6426.1	5439.3	4298.3
20°	8912.9	9254.0	9447.3	9530.3	9447.3	9254.0	8912.9	8454.7	7783.2	6933.7	5768.3
17.5°	9838.9	10124.4	10343.3	10399.6	10343.3	10124.4	9838.9	9418.2	8822.9	8076.6	7062.6
15°	10657.9	11026.8	11284.8	11381.0	11284.8	11026.8	10657.9	10163.0	9627.8	8933.3	8055.7
12.5°	11690.7	12332.2	12673.3	12751.9	12673.3	12332.2	11690.7	10997.0	10279.7	9628.6	8783.6
10°	13217.4	14203.4	14315.1	14162.2	14315.1	14203.4	13217.4	12116.5	11040.9	10192.5	9345.2
7.5°	15440.7	16755.5	16471.2	15997.7	16471.2	16755.5	15440.7	13368.2	11816.8	10683.7	9749.9
5°	17031.7	18857.2	18913.8	18566.2	18913.8	18857.2	17031.7	14725.3	12643.3	11127.5	10072.7
2.5°	17665.2	19544.2	20479.5	20632.8	20479.5	19544.2	17665.2	15281.1	13106.0	11389.8	10283.8
0°	17712.6	19765.7	20874.5	21149.9	20874.5	19765.7	17712.6	15383.2	13183.4	11464.5	10362.8
-2.5°	17665.2	19544.2	20479.5	20632.8	20479.5	19544.2	17665.2	15281.1	13106.0	11389.8	10283.8
-5°	17031.7	18857.2	18913.8	18566.2	18913.8	18857.2	17031.7	14725.3	12643.3	11127.5	10072.7
-7.5°	15440.7	16755.5	16471.2	15997.7	16471.2	16755.5	15440.7	13368.2	11816.8	10683.7	9749.9
-10°	13217.4	14203.4	14315.1	14162.2	14315.1	14203.4	13217.4	12116.5	11040.9	10192.5	9345.2
-12.5°	11690.7	12332.2	12673.3	12751.9	12673.3	12332.2	11690.7	10997.0	10279.7	9628.6	8783.6
-15°	10657.9	11026.8	11284.8	11381.0	11284.8	11026.8	10657.9	10163.0	9627.8	8933.3	8055.7
-17.5°	9838.9	10124.4	10343.3	10399.6	10343.3	10124.4	9838.9	9418.2	8822.9	8076.6	7062.6
-20°	8912.9	9254.0	9447.3	9530.3	9447.3	9254.0	8912.9	8454.7	7783.2	6933.7	5768.3



REPORT NUMBER: P558756 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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°	7709.2	8102.6	8327.3	8461.8	8327.3	8102.6	7709.2	7186.0	6426.1	5439.3	4298.3
-25°	6138.3	6578.3	6838.1	6934.0	6838.1	6578.3	6138.3	5536.9	4754.8	3776.4	2753.1
-27.5°	4214.5	4692.6	5003.1	4977.3	5003.1	4692.6	4214.5	3615.9	2885.2	2333.9	1701.1
-30°	2414.6	2678.2	2858.9	2834.0	2858.9	2678.2	2414.6	2110.2	1718.1	1425.8	1180.4
-32.5°	1403.7	1497.8	1554.0	1561.0	1554.0	1497.8	1403.7	1278.7	1116.2	965.2	844.2
-35°	915.3	963.2	991.5	997.6	991.5	963.2	915.3	849.8	769.3	683.7	610.7
-37.5°	616.3	637.2	649.1	659.4	649.1	637.2	616.3	584.0	540.9	485.9	449.5
-40°	434.2	442.6	446.6	449.5	446.6	442.6	434.2	419.6	399.1	371.9	346.3
-42.5°	330.2	334.9	336.9	337.3	336.9	334.9	330.2	321.7	308.8	291.0	271.9
-45°	260.4	263.5	265.1	265.6	265.1	263.5	260.4	254.6	245.7	234.4	222.0
-47.5°	212.9	214.1	214.9	215.3	214.9	214.1	212.9	210.5	207.2	203.1	197.9
-50°	191.3	192.1	193.0	193.8	193.0	192.1	191.3	190.2	188.8	187.3	185.0
-52.5°	180.3	180.2	180.5	181.2	180.5	180.2	180.3	180.2	180.0	179.6	179.0
-55°	176.3	175.4	175.0	174.9	175.0	175.4	176.3	177.3	178.4	179.7	181.1
-57.5°	182.2	181.1	180.5	180.3	180.5	181.1	182.2	183.4	184.6	186.2	187.8
-60°	192.6	193.5	193.8	193.8	193.8	193.5	192.6	191.5	190.2	189.1	187.9
-62.5°	188.7	191.5	192.6	192.9	192.6	191.5	188.7	185.7	182.3	179.0	175.5
-65°	165.9	167.5	168.0	167.8	168.0	167.5	165.9	163.9	161.5	158.3	154.5
-67.5°	139.5	140.1	140.7	140.9	140.7	140.1	139.5	138.4	136.8	134.4	131.2
-70°	116.0	116.8	117.3	117.5	117.3	116.8	116.0	114.8	113.3	111.4	109.1
-72.5°	94.7	95.4	95.4	95.1	95.4	95.4	94.7	93.8	92.6	91.1	89.1
-75°	74.6	75.0	75.3	75.4	75.3	75.0	74.6	74.0	73.2	72.1	70.5
-77.5°	55.1	55.3	55.1	54.7	55.1	55.3	55.1	54.8	54.2	53.4	52.4
-80°	39.4	40.2	39.9	39.5	39.9	40.2	39.4	38.6	37.8	36.9	36.4
-82.5°	25.7	25.9	26.0	26.0	26.0	25.9	25.7	25.5	25.2	24.8	24.4
-85°	14.2	14.3	14.8	15.3	14.8	14.3	14.2	14.1	13.9	13.7	13.5
-87.5°	5.1	5.4	5.4	5.4	5.4	5.4	5.1	4.9	4.6	4.3	4.3
-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: P558756 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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°	4.2	4.2	4.1	4.2	4.3	4.4	4.4	4.3	4.1	4.0	3.8
85°	13.2	12.9	12.5	12.0	11.5	11.0	10.6	10.1	9.7	9.2	8.8
82.5°	23.9	23.3	22.7	22.0	21.1	20.2	19.2	18.2	17.2	16.1	15.0
80°	35.9	35.2	34.4	33.5	32.4	31.2	29.9	28.5	26.9	25.3	23.8
77.5°	51.2	49.9	48.5	47.0	45.5	43.8	41.9	40.0	38.2	36.2	33.9
75°	68.7	66.7	64.6	62.6	60.4	58.1	55.7	53.3	50.7	48.0	44.9
72.5°	86.9	84.4	81.9	79.5	76.7	73.9	70.7	67.2	63.8	60.3	56.7
70°	106.4	103.4	100.3	97.2	94.1	90.7	86.6	82.1	77.2	72.7	68.5
67.5°	127.8	124.1	120.3	116.1	112.0	107.8	103.1	97.9	92.5	86.9	81.1
65°	150.2	145.7	141.3	136.7	131.6	126.0	120.0	114.0	108.0	101.6	94.8
62.5°	171.5	167.1	163.0	157.9	152.3	145.9	139.0	131.9	124.4	116.6	109.1
60°	186.4	184.9	181.0	176.6	171.9	166.3	158.6	150.5	141.9	133.1	123.9
57.5°	189.4	189.9	189.1	188.1	187.0	182.2	175.7	168.7	159.9	149.8	139.2
55°	182.6	184.8	187.2	189.9	191.5	189.4	187.5	183.2	175.2	166.7	155.4
52.5°	178.6	180.5	182.4	184.2	186.6	188.9	190.7	188.7	186.9	179.7	170.2
50°	183.3	182.5	181.6	181.3	182.7	183.9	186.0	188.5	189.6	187.6	182.2
47.5°	194.6	191.1	187.3	185.1	182.8	181.1	182.4	184.3	187.7	190.5	188.0
45°	215.3	207.4	198.9	194.0	188.4	184.9	181.5	182.0	184.3	187.7	191.1
42.5°	255.6	236.4	221.4	209.7	198.9	192.5	186.6	183.1	182.3	184.8	187.8
40°	319.0	287.1	262.8	235.5	218.1	203.7	195.1	187.8	184.1	183.0	184.7
37.5°	406.8	362.8	323.0	281.5	250.2	223.3	207.3	196.2	188.1	183.9	182.6
35°	527.9	463.6	402.5	348.4	296.0	257.9	225.4	207.7	195.6	187.0	182.2
32.5°	709.6	610.2	504.9	432.9	362.1	302.3	258.3	224.1	203.9	192.5	184.9
30°	973.9	810.6	665.6	535.3	442.9	362.5	296.9	250.1	217.4	198.5	188.2
27.5°	1354.0	1064.3	870.1	685.3	535.3	434.3	350.0	280.1	233.5	208.3	193.3
25°	2030.7	1464.4	1114.8	871.5	670.0	510.2	407.2	323.2	259.2	218.5	197.9
22.5°	3026.0	2146.8	1469.9	1076.1	825.4	623.7	473.2	368.1	283.6	233.6	206.0
20°	4462.6	3051.2	2059.8	1389.3	1006.1	734.9	546.2	418.6	321.6	253.9	214.0
17.5°	5772.0	4316.9	2789.2	1760.1	1231.4	887.4	640.7	467.2	354.3	272.0	221.1
15°	6904.5	5413.0	3780.2	2375.6	1473.5	1027.7	729.0	510.8	385.1	293.7	234.6
12.5°	7708.6	6317.3	4691.5	2907.3	1756.6	1185.3	833.3	580.8	418.5	315.0	246.8
10°	8379.1	7028.0	5439.8	3615.9	2162.1	1354.8	926.1	639.5	446.9	331.5	256.4
7.5°	8784.6	7553.8	6014.4	4213.7	2494.7	1497.2	1002.7	683.4	469.7	343.3	263.5
5°	9094.2	7929.0	6432.0	4665.1	2768.3	1604.5	1063.6	712.8	486.2	350.4	268.1
2.5°	9323.8	8144.2	6695.5	4937.8	2939.3	1674.8	1104.3	733.7	494.4	356.8	272.0
0°	9358.0	8214.2	6711.5	4987.2	2895.9	1707.2	1120.5	746.4	494.3	359.8	273.6
-2.5°	9323.8	8144.2	6695.5	4937.8	2939.3	1674.8	1104.3	733.7	494.4	356.8	272.0
-5°	9094.2	7929.0	6432.0	4665.1	2768.3	1604.5	1063.6	712.8	486.2	350.4	268.1
-7.5°	8784.6	7553.8	6014.4	4213.7	2494.7	1497.2	1002.7	683.4	469.7	343.3	263.5
-10°	8379.1	7028.0	5439.8	3615.9	2162.1	1354.8	926.1	639.5	446.9	331.5	256.4
-12.5°	7708.6	6317.3	4691.5	2907.3	1756.6	1185.3	833.3	580.8	418.5	315.0	246.8
-15°	6904.5	5413.0	3780.2	2375.6	1473.5	1027.7	729.0	510.8	385.1	293.7	234.6
-17.5°	5772.0	4316.9	2789.2	1760.1	1231.4	887.4	640.7	467.2	354.3	272.0	221.1
-20°	4462.6	3051.2	2059.8	1389.3	1006.1	734.9	546.2	418.6	321.6	253.9	214.0



REPORT NUMBER: P558756 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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°	3026.0	2146.8	1469.9	1076.1	825.4	623.7	473.2	368.1	283.6	233.6	206.0
-25°	2030.7	1464.4	1114.8	871.5	670.0	510.2	407.2	323.2	259.2	218.5	197.9
-27.5°	1354.0	1064.3	870.1	685.3	535.3	434.3	350.0	280.1	233.5	208.3	193.3
-30°	973.9	810.6	665.6	535.3	442.9	362.5	296.9	250.1	217.4	198.5	188.2
-32.5°	709.6	610.2	504.9	432.9	362.1	302.3	258.3	224.1	203.9	192.5	184.9
-35°	527.9	463.6	402.5	348.4	296.0	257.9	225.4	207.7	195.6	187.0	182.2
-37.5°	406.8	362.8	323.0	281.5	250.2	223.3	207.3	196.2	188.1	183.9	182.6
-40°	319.0	287.1	262.8	235.5	218.1	203.7	195.1	187.8	184.1	183.0	184.7
-42.5°	255.6	236.4	221.4	209.7	198.9	192.5	186.6	183.1	182.3	184.8	187.8
-45°	215.3	207.4	198.9	194.0	188.4	184.9	181.5	182.0	184.3	187.7	191.1
-47.5°	194.6	191.1	187.3	185.1	182.8	181.1	182.4	184.3	187.7	190.5	188.0
-50°	183.3	182.5	181.6	181.3	182.7	183.9	186.0	188.5	189.6	187.6	182.2
-52.5°	178.6	180.5	182.4	184.2	186.6	188.9	190.7	188.7	186.9	179.7	170.2
-55°	182.6	184.8	187.2	189.9	191.5	189.4	187.5	183.2	175.2	166.7	155.4
-57.5°	189.4	189.9	189.1	188.1	187.0	182.2	175.7	168.7	159.9	149.8	139.2
-60°	186.4	184.9	181.0	176.6	171.9	166.3	158.6	150.5	141.9	133.1	123.9
-62.5°	171.5	167.1	163.0	157.9	152.3	145.9	139.0	131.9	124.4	116.6	109.1
-65°	150.2	145.7	141.3	136.7	131.6	126.0	120.0	114.0	108.0	101.6	94.8
-67.5°	127.8	124.1	120.3	116.1	112.0	107.8	103.1	97.9	92.5	86.9	81.1
-70°	106.4	103.4	100.3	97.2	94.1	90.7	86.6	82.1	77.2	72.7	68.5
-72.5°	86.9	84.4	81.9	79.5	76.7	73.9	70.7	67.2	63.8	60.3	56.7
-75°	68.7	66.7	64.6	62.6	60.4	58.1	55.7	53.3	50.7	48.0	44.9
-77.5°	51.2	49.9	48.5	47.0	45.5	43.8	41.9	40.0	38.2	36.2	33.9
-80°	35.9	35.2	34.4	33.5	32.4	31.2	29.9	28.5	26.9	25.3	23.8
-82.5°	23.9	23.3	22.7	22.0	21.1	20.2	19.2	18.2	17.2	16.1	15.0
-85°	13.2	12.9	12.5	12.0	11.5	11.0	10.6	10.1	9.7	9.2	8.8
-87.5°	4.2	4.2	4.1	4.2	4.3	4.4	4.4	4.3	4.1	4.0	3.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558756 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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°	3.6	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.8	1.6
85°	8.3	7.8	7.3	6.7	6.1	5.4	5.0	4.6	4.1	3.7	3.2
82.5°	14.0	13.3	12.6	11.9	10.9	9.9	8.8	7.8	6.7	5.6	4.9
80°	22.3	20.8	19.2	17.7	16.0	14.3	13.0	11.6	10.2	8.8	7.3
77.5°	31.5	28.9	26.4	24.2	22.0	19.8	17.6	15.5	13.7	12.0	10.2
75°	41.5	38.3	35.1	31.9	28.5	25.2	22.5	19.9	17.5	15.2	13.0
72.5°	52.7	48.5	44.2	39.8	35.8	31.8	27.8	24.3	21.4	18.6	15.9
70°	63.9	59.1	54.2	49.0	43.7	38.4	33.8	29.5	25.2	21.9	18.8
67.5°	75.3	70.0	64.4	58.3	52.3	46.2	39.9	34.9	30.1	25.2	21.6
65°	88.2	81.5	74.7	68.1	61.1	54.0	47.2	40.6	34.9	29.5	24.3
62.5°	101.3	93.4	85.7	77.9	70.2	62.3	54.3	47.1	39.8	33.7	27.7
60°	114.7	105.9	96.7	88.0	79.3	70.7	62.0	53.6	45.6	37.8	31.3
57.5°	129.0	118.5	108.4	98.2	88.4	79.0	69.5	60.2	51.3	42.6	34.8
55°	143.4	131.8	120.1	108.9	97.6	87.1	76.9	66.7	56.9	47.5	38.3
52.5°	158.7	145.2	132.1	119.5	107.3	95.2	84.3	73.0	62.5	52.3	42.4
50°	171.8	158.9	144.2	130.3	116.8	104.0	91.5	79.6	67.8	57.0	46.4
47.5°	182.6	170.4	156.4	140.9	126.4	112.6	99.1	86.1	72.9	61.5	50.2
45°	187.3	180.4	167.1	151.6	135.8	121.1	106.7	92.4	78.6	65.8	53.9
42.5°	189.9	185.6	176.2	161.8	145.5	129.5	114.0	98.9	84.2	70.0	57.5
40°	187.4	188.1	183.3	170.3	155.0	137.5	121.2	105.2	89.6	74.2	61.0
37.5°	184.3	187.5	185.6	178.6	163.7	145.9	128.2	111.3	94.7	78.8	64.3
35°	182.4	184.8	188.1	183.4	170.9	153.9	134.8	117.1	99.8	83.0	67.5
32.5°	180.8	182.6	186.2	185.5	177.7	161.6	141.5	122.6	104.5	87.0	70.5
30°	182.3	181.3	184.1	187.4	182.6	167.5	148.0	127.9	109.0	90.7	73.5
27.5°	184.4	179.9	182.3	186.5	184.2	172.9	153.9	132.7	113.1	94.2	76.5
25°	186.9	180.8	181.1	184.8	185.6	177.7	159.3	137.2	117.0	97.5	79.2
22.5°	190.7	182.2	179.8	183.2	187.0	182.1	163.8	141.6	120.6	100.6	81.7
20°	194.2	183.4	178.6	181.7	186.7	183.2	167.4	145.6	123.9	103.3	83.9
17.5°	197.8	185.3	179.3	180.7	185.5	184.2	170.7	149.1	126.7	105.7	85.9
15°	203.6	187.8	180.2	179.8	184.3	185.1	173.6	152.1	129.2	107.8	87.6
12.5°	208.5	190.0	180.9	179.1	183.1	185.8	176.1	154.6	131.4	109.6	89.0
10°	212.6	191.6	181.3	178.5	182.1	186.4	178.2	156.9	133.3	111.0	90.2
7.5°	215.6	192.9	181.5	178.0	181.2	186.9	180.1	159.2	134.9	112.0	91.2
5°	217.9	194.2	182.2	177.8	180.7	187.2	181.6	161.0	136.1	112.7	91.9
2.5°	219.8	196.0	183.1	177.6	180.4	187.4	182.5	162.4	136.9	113.0	92.3
0°	220.7	197.4	183.9	177.6	180.3	187.5	183.0	163.3	137.3	113.0	92.4
-2.5°	219.8	196.0	183.1	177.6	180.4	187.4	182.5	162.4	136.9	113.0	92.3
-5°	217.9	194.2	182.2	177.8	180.7	187.2	181.6	161.0	136.1	112.7	91.9
-7.5°	215.6	192.9	181.5	178.0	181.2	186.9	180.1	159.2	134.9	112.0	91.2
-10°	212.6	191.6	181.3	178.5	182.1	186.4	178.2	156.9	133.3	111.0	90.2
-12.5°	208.5	190.0	180.9	179.1	183.1	185.8	176.1	154.6	131.4	109.6	89.0
-15°	203.6	187.8	180.2	179.8	184.3	185.1	173.6	152.1	129.2	107.8	87.6
-17.5°	197.8	185.3	179.3	180.7	185.5	184.2	170.7	149.1	126.7	105.7	85.9
-20°	194.2	183.4	178.6	181.7	186.7	183.2	167.4	145.6	123.9	103.3	83.9



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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°	190.7	182.2	179.8	183.2	187.0	182.1	163.8	141.6	120.6	100.6	81.7
-25°	186.9	180.8	181.1	184.8	185.6	177.7	159.3	137.2	117.0	97.5	79.2
-27.5°	184.4	179.9	182.3	186.5	184.2	172.9	153.9	132.7	113.1	94.2	76.5
-30°	182.3	181.3	184.1	187.4	182.6	167.5	148.0	127.9	109.0	90.7	73.5
-32.5°	180.8	182.6	186.2	185.5	177.7	161.6	141.5	122.6	104.5	87.0	70.5
-35°	182.4	184.8	188.1	183.4	170.9	153.9	134.8	117.1	99.8	83.0	67.5
-37.5°	184.3	187.5	185.6	178.6	163.7	145.9	128.2	111.3	94.7	78.8	64.3
-40°	187.4	188.1	183.3	170.3	155.0	137.5	121.2	105.2	89.6	74.2	61.0
-42.5°	189.9	185.6	176.2	161.8	145.5	129.5	114.0	98.9	84.2	70.0	57.5
-45°	187.3	180.4	167.1	151.6	135.8	121.1	106.7	92.4	78.6	65.8	53.9
-47.5°	182.6	170.4	156.4	140.9	126.4	112.6	99.1	86.1	72.9	61.5	50.2
-50°	171.8	158.9	144.2	130.3	116.8	104.0	91.5	79.6	67.8	57.0	46.4
-52.5°	158.7	145.2	132.1	119.5	107.3	95.2	84.3	73.0	62.5	52.3	42.4
-55°	143.4	131.8	120.1	108.9	97.6	87.1	76.9	66.7	56.9	47.5	38.3
-57.5°	129.0	118.5	108.4	98.2	88.4	79.0	69.5	60.2	51.3	42.6	34.8
-60°	114.7	105.9	96.7	88.0	79.3	70.7	62.0	53.6	45.6	37.8	31.3
-62.5°	101.3	93.4	85.7	77.9	70.2	62.3	54.3	47.1	39.8	33.7	27.7
-65°	88.2	81.5	74.7	68.1	61.1	54.0	47.2	40.6	34.9	29.5	24.3
-67.5°	75.3	70.0	64.4	58.3	52.3	46.2	39.9	34.9	30.1	25.2	21.6
-70°	63.9	59.1	54.2	49.0	43.7	38.4	33.8	29.5	25.2	21.9	18.8
-72.5°	52.7	48.5	44.2	39.8	35.8	31.8	27.8	24.3	21.4	18.6	15.9
-75°	41.5	38.3	35.1	31.9	28.5	25.2	22.5	19.9	17.5	15.2	13.0
-77.5°	31.5	28.9	26.4	24.2	22.0	19.8	17.6	15.5	13.7	12.0	10.2
-80°	22.3	20.8	19.2	17.7	16.0	14.3	13.0	11.6	10.2	8.8	7.3
-82.5°	14.0	13.3	12.6	11.9	10.9	9.9	8.8	7.8	6.7	5.6	4.9
-85°	8.3	7.8	7.3	6.7	6.1	5.4	5.0	4.6	4.1	3.7	3.2
-87.5°	3.6	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.8	1.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.4	1.2	0.9	0.7	0.5	0.2	0.0
85°	2.8	2.3	1.9	1.4	0.9	0.5	0.0
82.5°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
80°	5.7	4.7	3.7	2.8	1.9	0.9	0.0
77.5°	8.2	6.1	4.7	3.5	2.3	1.2	0.0
75°	10.7	8.1	5.7	4.2	2.8	1.4	0.0
72.5°	13.1	10.1	7.3	4.9	3.2	1.6	0.0
70°	15.5	12.1	8.8	5.6	3.7	1.8	0.0
67.5°	17.9	14.0	10.3	6.7	4.1	2.1	0.0
65°	20.3	16.0	11.8	7.8	4.6	2.3	0.0
62.5°	22.7	18.0	13.3	8.9	5.0	2.5	0.0
60°	25.0	20.0	14.7	9.9	5.4	2.7	0.0
57.5°	28.0	22.0	16.3	11.0	6.1	2.9	0.0
55°	30.9	24.0	17.8	11.9	6.7	3.1	0.0
52.5°	33.8	25.9	19.4	12.9	7.4	3.3	0.0
50°	36.6	28.3	20.9	13.8	8.0	3.5	0.0
47.5°	39.4	30.5	22.4	14.7	8.6	3.6	0.0
45°	42.5	32.7	23.8	15.8	9.2	3.8	0.0
42.5°	45.5	34.8	25.2	16.8	9.8	4.0	0.0
40°	48.3	36.8	26.6	17.8	10.4	4.1	0.0
37.5°	50.9	38.7	28.2	18.8	10.9	4.3	0.0
35°	53.4	40.6	29.6	19.7	11.4	4.4	0.0
32.5°	55.8	42.6	30.9	20.5	11.9	4.6	0.0
30°	58.2	44.3	32.2	21.3	12.3	4.7	0.0
27.5°	60.4	46.0	33.3	22.0	12.7	4.8	0.0
25°	62.5	47.5	34.3	22.6	13.1	4.9	0.0
22.5°	64.3	48.8	35.1	23.1	13.5	5.0	0.0
20°	66.1	49.9	35.9	23.6	13.8	5.1	0.0
17.5°	67.6	50.9	36.6	24.0	14.1	5.1	0.0
15°	68.9	51.8	37.2	24.4	14.4	5.2	0.0
12.5°	70.0	52.5	37.7	24.7	14.6	5.3	0.0
10°	71.0	53.0	38.1	24.9	14.8	5.3	0.0
7.5°	71.7	53.4	38.4	25.0	15.0	5.4	0.0
5°	72.3	53.7	38.6	25.1	15.1	5.4	0.0
2.5°	72.6	53.8	38.6	25.1	15.2	5.4	0.0
0°	72.7	53.8	38.6	25.1	15.3	5.4	0.0
-2.5°	72.6	53.8	38.6	25.1	15.2	5.4	0.0
-5°	72.3	53.7	38.6	25.1	15.1	5.4	0.0
-7.5°	71.7	53.4	38.4	25.0	15.0	5.4	0.0
-10°	71.0	53.0	38.1	24.9	14.8	5.3	0.0
-12.5°	70.0	52.5	37.7	24.7	14.6	5.3	0.0
-15°	68.9	51.8	37.2	24.4	14.4	5.2	0.0
-17.5°	67.6	50.9	36.6	24.0	14.1	5.1	0.0
-20°	66.1	49.9	35.9	23.6	13.8	5.1	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	64.3	48.8	35.1	23.1	13.5	5.0	0.0
-25°	62.5	47.5	34.3	22.6	13.1	4.9	0.0
-27.5°	60.4	46.0	33.3	22.0	12.7	4.8	0.0
-30°	58.2	44.3	32.2	21.3	12.3	4.7	0.0
-32.5°	55.8	42.6	30.9	20.5	11.9	4.6	0.0
-35°	53.4	40.6	29.6	19.7	11.4	4.4	0.0
-37.5°	50.9	38.7	28.2	18.8	10.9	4.3	0.0
-40°	48.3	36.8	26.6	17.8	10.4	4.1	0.0
-42.5°	45.5	34.8	25.2	16.8	9.8	4.0	0.0
-45°	42.5	32.7	23.8	15.8	9.2	3.8	0.0
-47.5°	39.4	30.5	22.4	14.7	8.6	3.6	0.0
-50°	36.6	28.3	20.9	13.8	8.0	3.5	0.0
-52.5°	33.8	25.9	19.4	12.9	7.4	3.3	0.0
-55°	30.9	24.0	17.8	11.9	6.7	3.1	0.0
-57.5°	28.0	22.0	16.3	11.0	6.1	2.9	0.0
-60°	25.0	20.0	14.7	9.9	5.4	2.7	0.0
-62.5°	22.7	18.0	13.3	8.9	5.0	2.5	0.0
-65°	20.3	16.0	11.8	7.8	4.6	2.3	0.0
-67.5°	17.9	14.0	10.3	6.7	4.1	2.1	0.0
-70°	15.5	12.1	8.8	5.6	3.7	1.8	0.0
-72.5°	13.1	10.1	7.3	4.9	3.2	1.6	0.0
-75°	10.7	8.1	5.7	4.2	2.8	1.4	0.0
-77.5°	8.2	6.1	4.7	3.5	2.3	1.2	0.0
-80°	5.7	4.7	3.7	2.8	1.9	0.9	0.0
-82.5°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
-85°	2.8	2.3	1.9	1.4	0.9	0.5	0.0
-87.5°	1.4	1.2	0.9	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)