

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: P558816 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-927-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558816 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA3D-927-U-TS-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, TIGHT SPOT N2
Light Source: (48) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

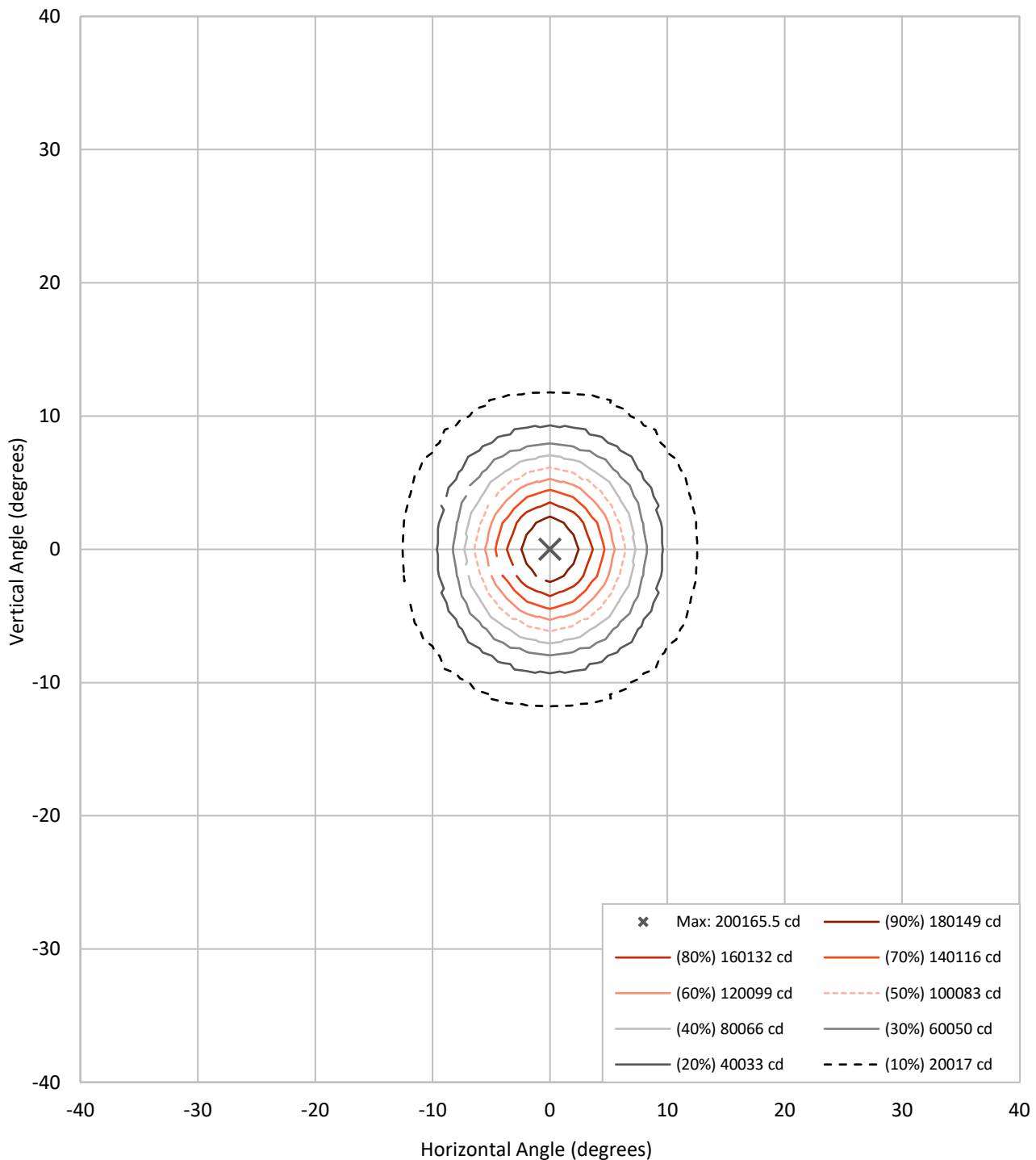
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	14509.3 lumens	Max Intensity:	200165.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	91.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	4584.7 lumens	Field Lumens:	10156.7 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 158
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: P558816 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





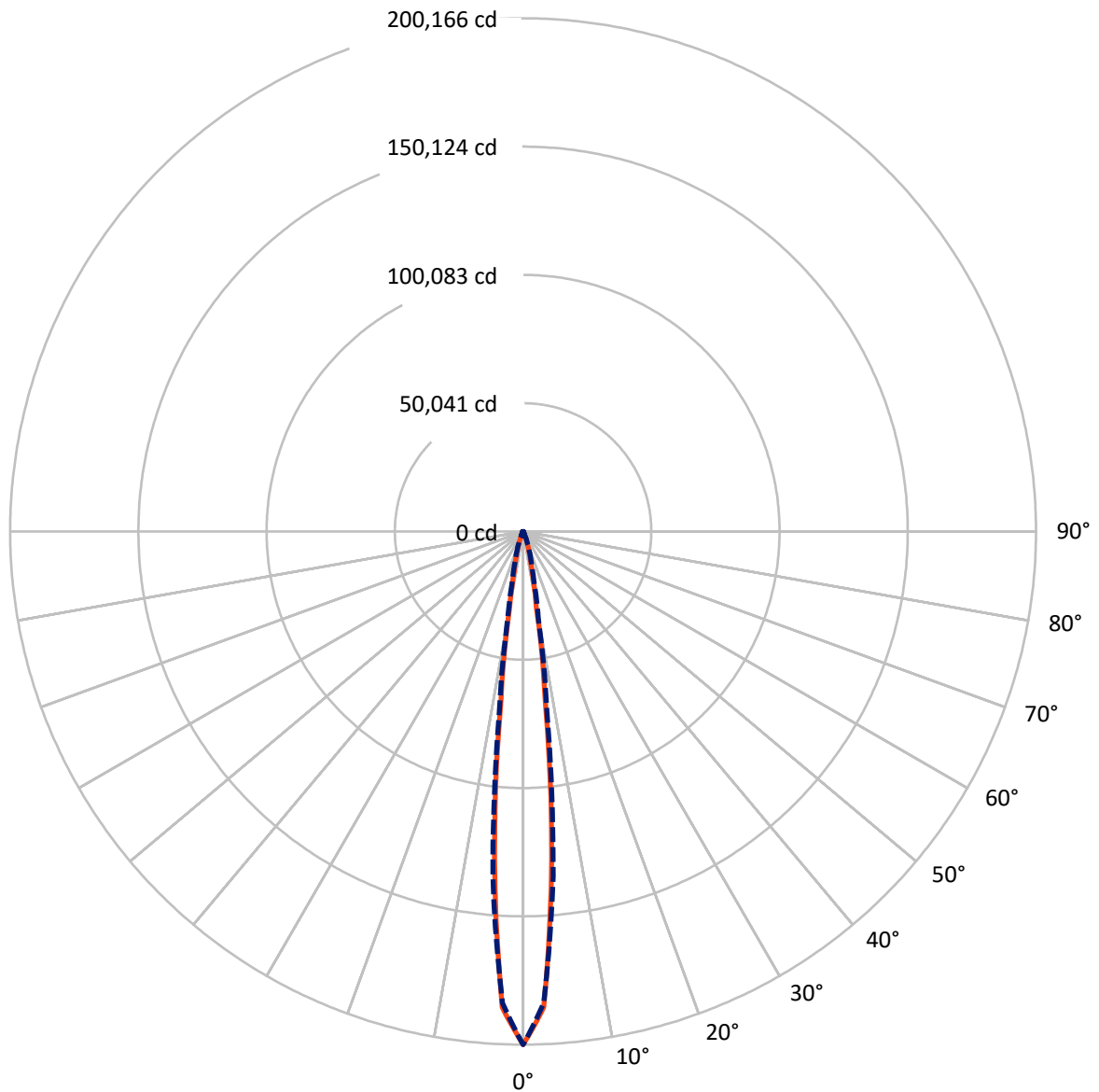
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Lumen Table

90	0.2	1.7	4.6	7.5	8.7	7.5	4.6	1.7	0.2							
80	0.2	1.7	4.6	7.5	8.7	7.5	4.6	1.7	0.2							
70	0.8	0.9	1.9	3.1	4.2	5.2	5.9	6.3	6.3	5.9	5.2	4.2	3.1	1.9	0.9	0.8
60		1.4	2.8	4.2	5.5	6.5	7.1	7.4	7.4	7.1	6.5	5.5	4.2	2.8	1.4	
50	1.4	1.8	3.4	4.9	6.2	7.2	8.1	8.5	8.5	8.1	7.2	6.2	4.9	3.4	1.8	1.4
40		2.2	3.9	5.4	6.9	8.8	11.1	12.5	12.5	11.1	8.8	6.9	5.4	3.9	2.2	
30	1.9	2.4	4.1	5.7	8.1	12.5	27.8	50.6	50.6	27.8	12.5	8.1	5.7	4.1	2.4	1.9
20		2.5	4.2	6.0	9.6	26.9	152.1	334.7	334.7	152.1	26.9	9.6	6.0	4.2	2.5	
10	2.0	2.6	4.2	6.2	10.6	51.7	365.2	2362.7	2362.7	365.2	51.7	10.6	6.2	4.2	2.6	2.0
0		2.6	4.2	6.2	10.6	51.7	365.2	2362.7	2362.7	365.2	51.7	10.6	6.2	4.2	2.6	
-10	1.9	2.5	4.2	6.0	9.6	26.9	152.1	334.7	334.7	152.1	26.9	9.6	6.0	4.2	2.5	1.9
-20		2.4	4.1	5.7	8.1	12.5	27.8	50.6	50.6	27.8	12.5	8.1	5.7	4.1	2.4	
-30	1.4	2.2	3.9	5.4	6.9	8.8	11.1	12.5	12.5	11.1	8.8	6.9	5.4	3.9	2.2	1.4
-40		1.8	3.4	4.9	6.2	7.2	8.1	8.5	8.5	8.1	7.2	6.2	4.9	3.4	1.8	
-50	0.8	1.4	2.8	4.2	5.5	6.5	7.1	7.4	7.4	7.1	6.5	5.5	4.2	2.8	1.4	0.8
-60		0.9	1.9	3.1	4.2	5.2	5.9	6.3	6.3	5.9	5.2	4.2	3.1	1.9	0.9	
-70	0.8	0.9	1.9	3.1	4.2	5.2	5.9	6.3	6.3	5.9	5.2	4.2	3.1	1.9	0.9	0.8
-80		0.2	1.7	4.6	7.5	8.7	7.5	4.6	1.7	0.2						
-90	0.2	1.7	4.6	7.5	8.7	7.5	4.6	1.7	0.2							

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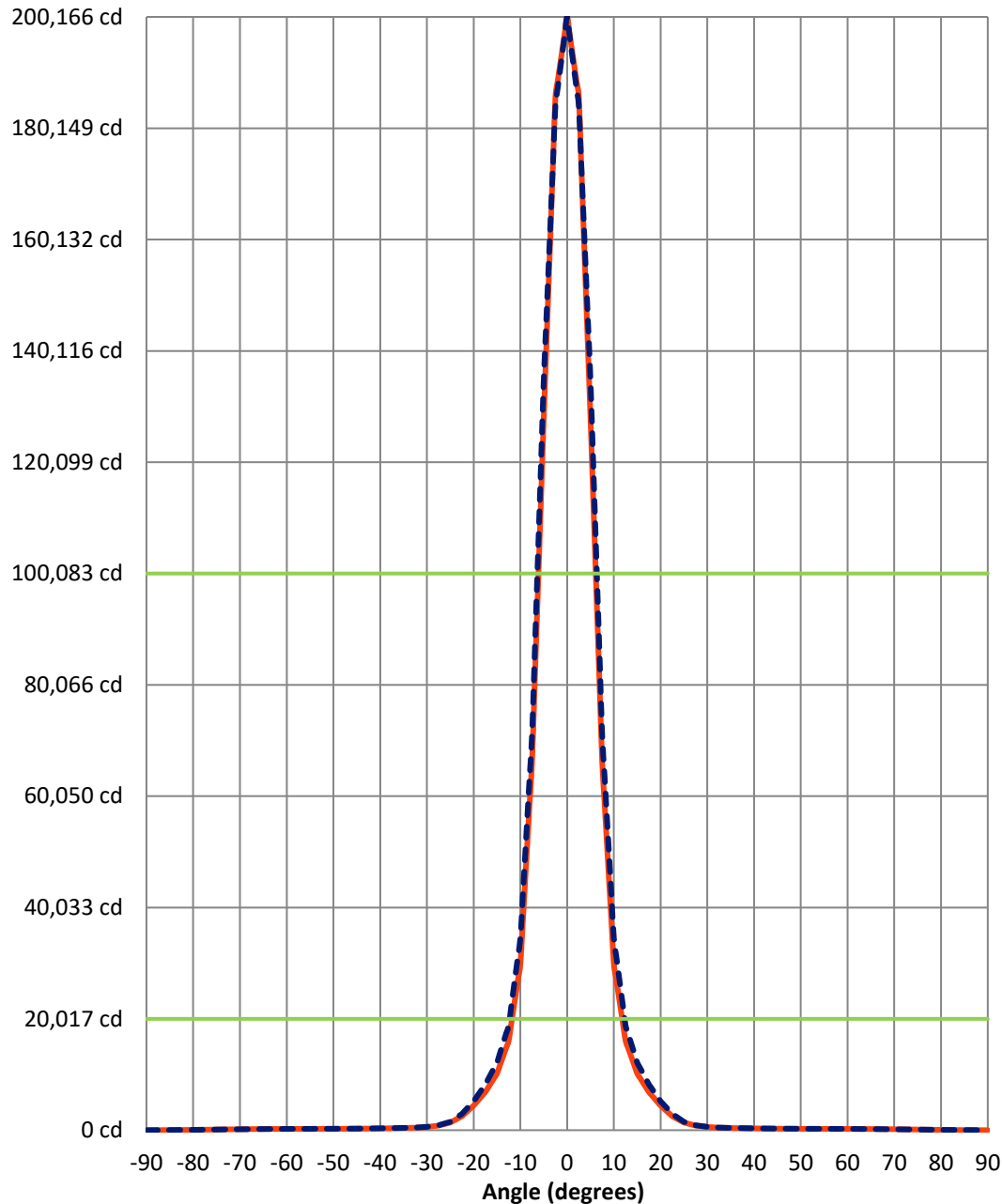
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 12.7°
V Angle: 12.3°
Lumens: 4584.7
Efficiency: 31.6%

Field:
H Angle: 24.6°
V Angle: 23.6°
Lumens: 10156.7
Efficiency: 70.0%

Spill:
Lumens: 4352.6
Efficiency: 30.0%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.5	0.9	1.4	1.8	2.1	2.4	2.8	3.2	3.6	4.0
85°	0.0	0.9	1.9	2.7	3.5	4.2	4.9	5.6	6.4	7.2	7.9
82.5°	0.0	1.4	2.8	4.1	5.3	6.3	7.3	8.5	9.7	11.5	13.3
80°	0.0	1.9	3.7	5.4	7.0	8.4	9.8	12.1	14.5	17.0	19.6
77.5°	0.0	2.3	4.7	6.8	8.7	10.8	13.3	16.2	19.3	22.4	25.8
75°	0.0	2.8	5.6	8.1	10.6	13.6	16.7	20.2	24.0	28.4	32.5
72.5°	0.0	3.2	6.5	9.4	12.8	16.5	20.1	24.4	29.6	34.5	39.1
70°	0.0	3.7	7.4	10.8	15.1	19.3	23.6	29.4	35.1	40.6	48.2
67.5°	0.0	4.1	8.3	12.5	17.3	22.0	27.8	34.2	40.6	48.9	57.6
65°	0.0	4.6	9.1	14.1	19.5	25.1	31.9	39.0	47.7	57.1	67.1
62.5°	0.0	5.0	10.0	15.7	21.6	28.4	36.0	44.6	54.6	65.2	76.8
60°	0.0	5.4	10.8	17.3	23.7	31.7	40.0	50.3	61.3	73.8	86.4
57.5°	0.0	5.8	11.8	18.8	26.2	34.9	44.7	55.9	68.6	82.3	96.1
55°	0.0	6.2	12.8	20.3	28.6	37.9	49.4	61.4	75.9	90.5	105.6
52.5°	0.0	6.6	13.7	21.8	30.9	41.0	53.9	67.6	83.0	98.9	114.9
50°	0.0	6.9	14.6	23.2	33.2	44.7	58.3	73.6	89.9	107.0	124.2
47.5°	0.0	7.3	15.5	24.6	35.4	48.2	62.7	79.4	96.9	114.9	133.2
45°	0.0	7.6	16.4	26.2	37.5	51.7	67.5	85.0	103.6	122.7	142.0
42.5°	0.0	8.0	17.2	27.7	39.5	54.9	72.0	90.5	110.1	130.3	149.5
40°	0.0	8.3	18.0	29.0	41.6	58.1	76.3	95.9	116.4	137.6	156.5
37.5°	0.0	8.6	18.7	30.3	44.0	61.0	80.3	101.1	122.5	144.3	163.2
35°	0.0	8.8	19.4	31.5	46.3	64.1	84.2	105.9	128.2	149.8	169.3
32.5°	0.0	9.1	20.1	32.7	48.4	67.1	87.8	110.5	133.6	155.1	174.5
30°	0.0	9.4	20.7	33.7	50.3	69.8	91.5	114.8	138.5	159.9	179.3
27.5°	0.0	9.6	21.2	34.7	52.1	72.4	94.8	118.8	142.9	164.4	183.7
25°	0.0	9.8	21.8	35.5	53.8	74.7	97.9	122.4	146.5	168.3	187.8
22.5°	0.0	10.0	22.2	36.3	55.3	76.9	100.7	125.7	149.8	171.6	190.9
20°	0.0	10.1	22.7	37.0	56.6	78.8	103.3	128.7	152.8	174.5	193.7
17.5°	0.0	10.3	23.0	37.5	57.9	80.5	105.5	131.2	155.4	177.1	196.2
15°	0.0	10.4	23.4	38.0	58.9	82.0	107.6	133.4	157.6	179.3	198.3
12.5°	0.0	10.5	23.7	38.4	59.9	83.3	109.3	135.3	159.5	181.2	200.2
10°	0.0	10.6	23.9	38.7	60.6	84.3	110.7	136.7	161.0	182.6	201.7
7.5°	0.0	10.7	24.1	39.0	61.2	85.1	111.8	137.8	162.1	183.7	202.7
5°	0.0	10.8	24.2	39.1	61.7	85.7	112.6	138.5	162.8	184.4	203.3
2.5°	0.0	10.8	24.3	39.1	61.9	86.1	113.0	138.8	163.1	184.7	203.6
0°	0.0	10.8	24.3	39.1	62.0	86.2	113.2	138.8	163.1	184.6	203.5
-2.5°	0.0	10.8	24.3	39.1	61.9	86.1	113.0	138.8	163.1	184.7	203.6
-5°	0.0	10.8	24.2	39.1	61.7	85.7	112.6	138.5	162.8	184.4	203.3
-7.5°	0.0	10.7	24.1	39.0	61.2	85.1	111.8	137.8	162.1	183.7	202.7
-10°	0.0	10.6	23.9	38.7	60.6	84.3	110.7	136.7	161.0	182.6	201.7
-12.5°	0.0	10.5	23.7	38.4	59.9	83.3	109.3	135.3	159.5	181.2	200.2
-15°	0.0	10.4	23.4	38.0	58.9	82.0	107.6	133.4	157.6	179.3	198.3
-17.5°	0.0	10.3	23.0	37.5	57.9	80.5	105.5	131.2	155.4	177.1	196.2
-20°	0.0	10.1	22.7	37.0	56.6	78.8	103.3	128.7	152.8	174.5	193.7



REPORT NUMBER: P558816 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	10.0	22.2	36.3	55.3	76.9	100.7	125.7	149.8	171.6	190.9
-25°	0.0	9.8	21.8	35.5	53.8	74.7	97.9	122.4	146.5	168.3	187.8
-27.5°	0.0	9.6	21.2	34.7	52.1	72.4	94.8	118.8	142.9	164.4	183.7
-30°	0.0	9.4	20.7	33.7	50.3	69.8	91.5	114.8	138.5	159.9	179.3
-32.5°	0.0	9.1	20.1	32.7	48.4	67.1	87.8	110.5	133.6	155.1	174.5
-35°	0.0	8.8	19.4	31.5	46.3	64.1	84.2	105.9	128.2	149.8	169.3
-37.5°	0.0	8.6	18.7	30.3	44.0	61.0	80.3	101.1	122.5	144.3	163.2
-40°	0.0	8.3	18.0	29.0	41.6	58.1	76.3	95.9	116.4	137.6	156.5
-42.5°	0.0	8.0	17.2	27.7	39.5	54.9	72.0	90.5	110.1	130.3	149.5
-45°	0.0	7.6	16.4	26.2	37.5	51.7	67.5	85.0	103.6	122.7	142.0
-47.5°	0.0	7.3	15.5	24.6	35.4	48.2	62.7	79.4	96.9	114.9	133.2
-50°	0.0	6.9	14.6	23.2	33.2	44.7	58.3	73.6	89.9	107.0	124.2
-52.5°	0.0	6.6	13.7	21.8	30.9	41.0	53.9	67.6	83.0	98.9	114.9
-55°	0.0	6.2	12.8	20.3	28.6	37.9	49.4	61.4	75.9	90.5	105.6
-57.5°	0.0	5.8	11.8	18.8	26.2	34.9	44.7	55.9	68.6	82.3	96.1
-60°	0.0	5.4	10.8	17.3	23.7	31.7	40.0	50.3	61.3	73.8	86.4
-62.5°	0.0	5.0	10.0	15.7	21.6	28.4	36.0	44.6	54.6	65.2	76.8
-65°	0.0	4.6	9.1	14.1	19.5	25.1	31.9	39.0	47.7	57.1	67.1
-67.5°	0.0	4.1	8.3	12.5	17.3	22.0	27.8	34.2	40.6	48.9	57.6
-70°	0.0	3.7	7.4	10.8	15.1	19.3	23.6	29.4	35.1	40.6	48.2
-72.5°	0.0	3.2	6.5	9.4	12.8	16.5	20.1	24.4	29.6	34.5	39.1
-75°	0.0	2.8	5.6	8.1	10.6	13.6	16.7	20.2	24.0	28.4	32.5
-77.5°	0.0	2.3	4.7	6.8	8.7	10.8	13.3	16.2	19.3	22.4	25.8
-80°	0.0	1.9	3.7	5.4	7.0	8.4	9.8	12.1	14.5	17.0	19.6
-82.5°	0.0	1.4	2.8	4.1	5.3	6.3	7.3	8.5	9.7	11.5	13.3
-85°	0.0	0.9	1.9	2.7	3.5	4.2	4.9	5.6	6.4	7.2	7.9
-87.5°	0.0	0.5	0.9	1.4	1.8	2.1	2.4	2.8	3.2	3.6	4.0
-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):

	-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°	4.3	4.7	5.0	5.4	5.7	6.0	6.3	6.6	6.9	7.2	7.5
85°	8.7	9.4	10.3	11.2	12.0	12.7	13.3	13.9	14.7	15.5	16.3
82.5°	14.9	16.2	17.3	18.2	19.2	20.1	21.1	22.6	24.7	26.6	28.5
80°	21.4	22.9	25.1	27.4	29.9	32.3	34.6	36.8	39.2	41.9	44.6
77.5°	28.7	31.8	35.1	38.8	42.2	46.2	50.3	54.5	58.2	61.5	64.4
75°	36.4	40.5	46.1	51.7	57.0	62.3	67.6	72.9	77.4	81.6	85.9
72.5°	45.3	52.1	58.7	65.2	72.0	78.6	84.9	90.7	96.5	102.3	107.7
70°	56.0	63.7	71.7	79.8	87.8	95.1	102.3	109.6	116.8	123.3	129.1
67.5°	66.6	75.8	85.1	94.3	103.0	111.3	119.8	128.2	136.2	143.0	149.1
65°	77.6	87.9	98.2	108.2	117.6	127.4	137.0	146.2	153.8	160.1	166.2
62.5°	88.3	99.9	111.1	122.0	132.8	143.4	152.7	161.0	168.8	175.6	182.2
60°	99.2	111.8	124.0	136.0	147.4	157.1	166.6	174.9	182.8	190.2	195.8
57.5°	110.0	123.6	136.9	149.1	160.0	170.1	179.2	188.0	194.7	200.7	206.8
55°	120.6	135.2	148.8	160.9	171.9	181.7	190.8	198.1	204.9	210.5	216.5
52.5°	131.0	146.3	159.7	171.9	182.6	192.2	200.2	207.5	213.8	219.6	224.4
50°	141.2	156.1	170.1	181.7	192.3	201.2	208.8	215.8	221.9	227.2	231.6
47.5°	150.2	165.7	178.8	190.8	200.7	209.2	216.6	223.2	229.3	234.0	238.3
45°	158.6	173.9	187.3	198.6	208.4	216.4	223.5	230.4	235.4	240.1	243.4
42.5°	166.7	181.5	194.6	206.2	214.8	222.6	229.8	235.8	241.0	245.0	248.6
40°	173.6	188.8	201.3	211.9	220.7	228.1	234.8	240.9	245.9	249.9	253.8
37.5°	180.1	194.8	207.4	217.3	225.6	232.9	239.6	245.1	250.1	254.4	259.6
35°	186.3	200.4	212.2	221.8	229.9	237.1	243.4	249.1	254.1	259.9	266.0
32.5°	191.6	205.8	216.6	225.5	233.4	240.8	247.1	252.8	258.6	265.2	272.7
30°	196.1	209.7	220.5	228.8	236.8	243.7	250.4	256.7	263.0	270.8	280.7
27.5°	200.2	213.3	223.3	231.7	239.7	246.2	253.2	260.3	267.7	276.9	289.3
25°	204.0	216.6	225.8	234.3	241.7	248.5	255.8	263.1	272.3	284.4	300.7
22.5°	207.1	219.6	228.0	236.6	243.4	250.6	258.1	266.2	276.7	291.4	312.6
20°	209.5	221.5	229.9	238.4	244.8	252.5	260.1	269.0	281.5	300.6	325.2
17.5°	211.8	223.0	231.4	239.4	246.3	254.1	261.9	271.2	285.5	309.2	336.7
15°	213.8	224.3	232.7	240.3	247.5	255.3	263.6	274.2	290.7	317.5	347.2
12.5°	215.5	225.4	233.7	241.0	248.5	256.1	265.0	276.7	296.3	325.2	357.5
10°	216.9	226.2	234.3	241.5	249.2	256.6	266.0	278.3	300.3	329.6	363.7
7.5°	217.8	226.8	234.8	241.7	249.6	256.8	266.8	279.1	302.8	331.9	367.0
5°	218.3	227.3	235.4	242.2	250.1	257.1	267.5	279.3	303.8	332.4	368.3
2.5°	218.5	227.6	235.7	242.5	250.5	258.0	268.7	280.7	304.7	334.0	369.1
0°	218.3	227.7	235.8	242.6	250.6	258.7	269.5	281.6	304.5	335.5	369.2
-2.5°	218.5	227.6	235.7	242.5	250.5	258.0	268.7	280.7	304.7	334.0	369.1
-5°	218.3	227.3	235.4	242.2	250.1	257.1	267.5	279.3	303.8	332.4	368.3
-7.5°	217.8	226.8	234.8	241.7	249.6	256.8	266.8	279.1	302.8	331.9	367.0
-10°	216.9	226.2	234.3	241.5	249.2	256.6	266.0	278.3	300.3	329.6	363.7
-12.5°	215.5	225.4	233.7	241.0	248.5	256.1	265.0	276.7	296.3	325.2	357.5
-15°	213.8	224.3	232.7	240.3	247.5	255.3	263.6	274.2	290.7	317.5	347.2
-17.5°	211.8	223.0	231.4	239.4	246.3	254.1	261.9	271.2	285.5	309.2	336.7
-20°	209.5	221.5	229.9	238.4	244.8	252.5	260.1	269.0	281.5	300.6	325.2



REPORT NUMBER: P558816 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	207.1	219.6	228.0	236.6	243.4	250.6	258.1	266.2	276.7	291.4	312.6
-25°	204.0	216.6	225.8	234.3	241.7	248.5	255.8	263.1	272.3	284.4	300.7
-27.5°	200.2	213.3	223.3	231.7	239.7	246.2	253.2	260.3	267.7	276.9	289.3
-30°	196.1	209.7	220.5	228.8	236.8	243.7	250.4	256.7	263.0	270.8	280.7
-32.5°	191.6	205.8	216.6	225.5	233.4	240.8	247.1	252.8	258.6	265.2	272.7
-35°	186.3	200.4	212.2	221.8	229.9	237.1	243.4	249.1	254.1	259.9	266.0
-37.5°	180.1	194.8	207.4	217.3	225.6	232.9	239.6	245.1	250.1	254.4	259.6
-40°	173.6	188.8	201.3	211.9	220.7	228.1	234.8	240.9	245.9	249.9	253.8
-42.5°	166.7	181.5	194.6	206.2	214.8	222.6	229.8	235.8	241.0	245.0	248.6
-45°	158.6	173.9	187.3	198.6	208.4	216.4	223.5	230.4	235.4	240.1	243.4
-47.5°	150.2	165.7	178.8	190.8	200.7	209.2	216.6	223.2	229.3	234.0	238.3
-50°	141.2	156.1	170.1	181.7	192.3	201.2	208.8	215.8	221.9	227.2	231.6
-52.5°	131.0	146.3	159.7	171.9	182.6	192.2	200.2	207.5	213.8	219.6	224.4
-55°	120.6	135.2	148.8	160.9	171.9	181.7	190.8	198.1	204.9	210.5	216.5
-57.5°	110.0	123.6	136.9	149.1	160.0	170.1	179.2	188.0	194.7	200.7	206.8
-60°	99.2	111.8	124.0	136.0	147.4	157.1	166.6	174.9	182.8	190.2	195.8
-62.5°	88.3	99.9	111.1	122.0	132.8	143.4	152.7	161.0	168.8	175.6	182.2
-65°	77.6	87.9	98.2	108.2	117.6	127.4	137.0	146.2	153.8	160.1	166.2
-67.5°	66.6	75.8	85.1	94.3	103.0	111.3	119.8	128.2	136.2	143.0	149.1
-70°	56.0	63.7	71.7	79.8	87.8	95.1	102.3	109.6	116.8	123.3	129.1
-72.5°	45.3	52.1	58.7	65.2	72.0	78.6	84.9	90.7	96.5	102.3	107.7
-75°	36.4	40.5	46.1	51.7	57.0	62.3	67.6	72.9	77.4	81.6	85.9
-77.5°	28.7	31.8	35.1	38.8	42.2	46.2	50.3	54.5	58.2	61.5	64.4
-80°	21.4	22.9	25.1	27.4	29.9	32.3	34.6	36.8	39.2	41.9	44.6
-82.5°	14.9	16.2	17.3	18.2	19.2	20.1	21.1	22.6	24.7	26.6	28.5
-85°	8.7	9.4	10.3	11.2	12.0	12.7	13.3	13.9	14.7	15.5	16.3
-87.5°	4.3	4.7	5.0	5.4	5.7	6.0	6.3	6.6	6.9	7.2	7.5
-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: P558816 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.7	7.7	7.6	7.5	7.3	7.5	7.6	7.7	7.8	7.9	8.0
85°	17.2	17.9	18.6	19.4	20.1	20.6	21.1	21.5	21.9	22.2	22.4
82.5°	30.1	31.7	33.1	34.3	35.4	36.4	37.2	38.0	38.6	39.1	39.6
80°	47.0	49.4	51.6	53.6	55.5	57.0	58.3	59.3	60.2	61.1	61.9
77.5°	67.3	70.5	73.6	76.4	78.9	80.9	82.8	84.3	85.7	87.3	88.8
75°	90.1	94.0	97.5	100.8	103.8	106.5	108.9	111.0	112.8	114.5	116.0
72.5°	112.9	117.6	121.7	125.2	128.4	131.5	134.5	137.3	139.9	141.8	143.2
70°	134.4	139.3	143.6	147.6	151.3	155.2	159.1	162.7	166.0	168.1	169.3
67.5°	154.1	159.1	164.1	169.0	173.4	177.4	181.3	184.9	188.1	190.3	191.6
65°	172.0	177.4	182.8	187.8	192.5	196.0	199.5	202.9	206.0	208.6	210.4
62.5°	188.6	193.9	198.5	202.8	206.8	210.2	213.7	216.8	219.5	221.9	224.2
60°	201.3	206.8	211.2	215.2	218.9	222.3	225.0	227.4	229.2	230.7	232.2
57.5°	212.2	217.5	222.0	225.2	228.5	231.8	234.1	235.6	236.7	237.5	238.1
55°	221.6	225.8	229.6	233.2	236.5	239.3	241.4	242.3	242.9	243.2	243.5
52.5°	229.2	233.3	237.2	240.6	243.1	245.5	247.5	248.1	248.4	248.5	248.6
50°	236.1	240.1	243.2	246.1	248.6	250.8	252.6	253.4	253.9	254.0	253.7
47.5°	241.7	245.1	248.5	251.5	254.1	256.6	258.6	259.8	260.6	260.9	260.9
45°	246.5	250.6	254.1	257.7	260.7	264.0	266.8	268.6	270.5	271.8	272.4
42.5°	252.3	256.4	260.4	265.2	269.6	273.8	278.4	282.4	286.6	291.1	294.1
40°	258.2	262.6	268.7	274.5	281.0	286.9	296.6	306.2	313.5	319.7	325.4
37.5°	264.9	271.3	278.7	286.1	296.8	307.8	320.0	331.9	342.3	351.6	359.2
35°	272.7	281.3	290.3	303.5	317.1	330.7	345.2	361.1	374.5	384.3	391.4
32.5°	282.2	292.9	307.3	324.3	341.0	358.6	376.1	393.8	407.0	420.7	434.5
30°	292.7	308.2	326.8	347.5	368.2	389.3	411.3	435.8	459.2	484.3	520.1
27.5°	306.0	324.9	346.8	371.3	396.3	421.3	459.8	501.9	564.4	614.3	699.1
25°	320.3	342.4	368.6	396.9	427.4	472.3	542.7	625.8	773.0	887.3	1060.6
22.5°	336.2	362.3	391.1	423.7	472.9	557.7	678.0	891.4	1188.4	1481.7	1807.9
20°	351.9	380.7	412.3	461.6	545.2	679.3	939.8	1401.3	1916.7	2650.5	3266.5
17.5°	366.8	397.4	437.5	504.2	629.3	898.9	1403.5	2194.0	3270.5	4453.4	5439.8
15°	379.9	411.1	465.2	570.7	782.2	1202.1	1964.0	3309.3	5118.0	6737.6	8182.2
12.5°	390.9	428.0	495.1	624.5	915.0	1536.5	2758.6	4668.9	6877.7	9149.0	10977.2
10°	399.0	445.8	535.2	723.9	1125.9	1934.4	3420.9	5830.6	8490.1	11250.7	14555.6
7.5°	403.8	458.6	565.6	797.7	1314.0	2377.5	4251.7	6867.8	9921.8	13690.4	18739.8
5°	407.3	467.2	588.1	853.3	1439.7	2670.4	4776.3	7653.6	11157.2	16606.4	26998.2
2.5°	409.0	471.0	600.9	883.8	1497.0	2821.1	5145.5	8103.6	11908.8	18663.5	32719.2
0°	408.3	468.9	602.3	890.7	1505.2	2936.3	5206.8	8232.0	12162.8	18847.8	34553.3
-2.5°	409.0	471.0	600.9	883.8	1497.0	2821.1	5145.5	8103.6	11908.8	18663.5	32719.2
-5°	407.3	467.2	588.1	853.3	1439.7	2670.4	4776.3	7653.6	11157.2	16606.4	26998.2
-7.5°	403.8	458.6	565.6	797.7	1314.0	2377.5	4251.7	6867.8	9921.8	13690.4	18739.8
-10°	399.0	445.8	535.2	723.9	1125.9	1934.4	3420.9	5830.6	8490.1	11250.7	14555.6
-12.5°	390.9	428.0	495.1	624.5	915.0	1536.5	2758.6	4668.9	6877.7	9149.0	10977.2
-15°	379.9	411.1	465.2	570.7	782.2	1202.1	1964.0	3309.3	5118.0	6737.6	8182.2
-17.5°	366.8	397.4	437.5	504.2	629.3	898.9	1403.5	2194.0	3270.5	4453.4	5439.8
-20°	351.9	380.7	412.3	461.6	545.2	679.3	939.8	1401.3	1916.7	2650.5	3266.5



REPORT NUMBER: P558816 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	336.2	362.3	391.1	423.7	472.9	557.7	678.0	891.4	1188.4	1481.7	1807.9
-25°	320.3	342.4	368.6	396.9	427.4	472.3	542.7	625.8	773.0	887.3	1060.6
-27.5°	306.0	324.9	346.8	371.3	396.3	421.3	459.8	501.9	564.4	614.3	699.1
-30°	292.7	308.2	326.8	347.5	368.2	389.3	411.3	435.8	459.2	484.3	520.1
-32.5°	282.2	292.9	307.3	324.3	341.0	358.6	376.1	393.8	407.0	420.7	434.5
-35°	272.7	281.3	290.3	303.5	317.1	330.7	345.2	361.1	374.5	384.3	391.4
-37.5°	264.9	271.3	278.7	286.1	296.8	307.8	320.0	331.9	342.3	351.6	359.2
-40°	258.2	262.6	268.7	274.5	281.0	286.9	296.6	306.2	313.5	319.7	325.4
-42.5°	252.3	256.4	260.4	265.2	269.6	273.8	278.4	282.4	286.6	291.1	294.1
-45°	246.5	250.6	254.1	257.7	260.7	264.0	266.8	268.6	270.5	271.8	272.4
-47.5°	241.7	245.1	248.5	251.5	254.1	256.6	258.6	259.8	260.6	260.9	260.9
-50°	236.1	240.1	243.2	246.1	248.6	250.8	252.6	253.4	253.9	254.0	253.7
-52.5°	229.2	233.3	237.2	240.6	243.1	245.5	247.5	248.1	248.4	248.5	248.6
-55°	221.6	225.8	229.6	233.2	236.5	239.3	241.4	242.3	242.9	243.2	243.5
-57.5°	212.2	217.5	222.0	225.2	228.5	231.8	234.1	235.6	236.7	237.5	238.1
-60°	201.3	206.8	211.2	215.2	218.9	222.3	225.0	227.4	229.2	230.7	232.2
-62.5°	188.6	193.9	198.5	202.8	206.8	210.2	213.7	216.8	219.5	221.9	224.2
-65°	172.0	177.4	182.8	187.8	192.5	196.0	199.5	202.9	206.0	208.6	210.4
-67.5°	154.1	159.1	164.1	169.0	173.4	177.4	181.3	184.9	188.1	190.3	191.6
-70°	134.4	139.3	143.6	147.6	151.3	155.2	159.1	162.7	166.0	168.1	169.3
-72.5°	112.9	117.6	121.7	125.2	128.4	131.5	134.5	137.3	139.9	141.8	143.2
-75°	90.1	94.0	97.5	100.8	103.8	106.5	108.9	111.0	112.8	114.5	116.0
-77.5°	67.3	70.5	73.6	76.4	78.9	80.9	82.8	84.3	85.7	87.3	88.8
-80°	47.0	49.4	51.6	53.6	55.5	57.0	58.3	59.3	60.2	61.1	61.9
-82.5°	30.1	31.7	33.1	34.3	35.4	36.4	37.2	38.0	38.6	39.1	39.6
-85°	17.2	17.9	18.6	19.4	20.1	20.6	21.1	21.5	21.9	22.2	22.4
-87.5°	7.7	7.7	7.6	7.5	7.3	7.5	7.6	7.7	7.8	7.9	8.0
-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: P558816 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.0	8.1	8.1	8.1	8.1	8.1	8.0	8.0	7.9	7.8	7.7
85°	22.6	22.8	22.9	22.9	22.9	22.8	22.6	22.4	22.2	21.9	21.5
82.5°	39.9	40.2	40.3	40.4	40.3	40.2	39.9	39.6	39.1	38.6	38.0
80°	62.5	62.9	63.2	63.3	63.2	62.9	62.5	61.9	61.1	60.2	59.3
77.5°	90.0	91.0	91.5	91.6	91.5	91.0	90.0	88.8	87.3	85.7	84.3
75°	117.2	118.0	118.4	118.6	118.4	118.0	117.2	116.0	114.5	112.8	111.0
72.5°	144.2	144.8	146.0	146.9	146.0	144.8	144.2	143.2	141.8	139.9	137.3
70°	170.0	170.4	171.6	172.5	171.6	170.4	170.0	169.3	168.1	166.0	162.7
67.5°	192.6	193.2	193.2	192.7	193.2	193.2	192.6	191.6	190.3	188.1	184.9
65°	212.1	213.4	213.5	212.9	213.5	213.4	212.1	210.4	208.6	206.0	202.9
62.5°	226.3	228.2	228.9	229.1	228.9	228.2	226.3	224.2	221.9	219.5	216.8
60°	233.3	234.1	234.4	234.5	234.4	234.1	233.3	232.2	230.7	229.2	227.4
57.5°	238.4	238.4	238.4	238.5	238.4	238.4	238.4	238.1	237.5	236.7	235.6
55°	243.7	243.7	243.3	242.6	243.3	243.7	243.7	243.5	243.2	242.9	242.3
52.5°	248.4	248.0	247.4	246.6	247.4	248.0	248.4	248.6	248.5	248.4	248.1
50°	253.1	252.3	251.9	252.0	251.9	252.3	253.1	253.7	254.0	253.9	253.4
47.5°	260.7	260.2	259.9	260.1	259.9	260.2	260.7	260.9	260.9	260.6	259.8
45°	272.7	272.2	271.9	272.2	271.9	272.2	272.7	272.4	271.8	270.5	268.6
42.5°	295.8	296.0	295.9	296.5	295.9	296.0	295.8	294.1	291.1	286.6	282.4
40°	327.6	327.4	326.3	326.1	326.3	327.4	327.6	325.4	319.7	313.5	306.2
37.5°	362.3	362.4	361.3	361.1	361.3	362.4	362.3	359.2	351.6	342.3	331.9
35°	395.1	396.3	396.1	394.8	396.1	396.3	395.1	391.4	384.3	374.5	361.1
32.5°	444.3	451.9	455.8	454.1	455.8	451.9	444.3	434.5	420.7	407.0	393.8
30°	542.7	562.0	572.2	576.7	572.2	562.0	542.7	520.1	484.3	459.2	435.8
27.5°	759.8	802.6	821.8	828.7	821.8	802.6	759.8	699.1	614.3	564.4	501.9
25°	1212.0	1308.7	1356.5	1371.8	1356.5	1308.7	1212.0	1060.6	887.3	773.0	625.8
22.5°	2167.1	2353.4	2480.9	2509.1	2480.9	2353.4	2167.1	1807.9	1481.7	1188.4	891.4
20°	3885.7	4246.0	4441.5	4423.9	4441.5	4246.0	3885.7	3266.5	2650.5	1916.7	1401.3
17.5°	6278.3	6740.4	6960.4	6857.6	6960.4	6740.4	6278.3	5439.8	4453.4	3270.5	2194.0
15°	9203.8	9828.1	10100.4	10184.6	10100.4	9828.1	9203.8	8182.2	6737.6	5118.0	3309.3
12.5°	12802.1	14848.6	15827.2	16089.5	15827.2	14848.6	12802.1	10977.2	9149.0	6877.7	4668.9
10°	17935.9	24814.8	28906.5	29905.6	28906.5	24814.8	17935.9	14555.6	11250.7	8490.1	5830.6
7.5°	29290.9	43269.5	58928.8	66344.1	58928.8	43269.5	29290.9	18739.8	13690.4	9921.8	6867.8
5°	44668.5	77525.8	113781.7	127994.7	113781.7	77525.8	44668.5	26998.2	16606.4	11157.2	7653.6
2.5°	63362.5	117057.9	167154.8	185829.9	167154.8	117057.9	63362.5	32719.2	18663.5	11908.8	8103.6
0°	71260.6	134954.7	184168.4	200165.5	184168.4	134954.7	71260.6	34553.3	18847.8	12162.8	8232.0
-2.5°	63362.5	117057.9	167154.8	185829.9	167154.8	117057.9	63362.5	32719.2	18663.5	11908.8	8103.6
-5°	44668.5	77525.8	113781.7	127994.7	113781.7	77525.8	44668.5	26998.2	16606.4	11157.2	7653.6
-7.5°	29290.9	43269.5	58928.8	66344.1	58928.8	43269.5	29290.9	18739.8	13690.4	9921.8	6867.8
-10°	17935.9	24814.8	28906.5	29905.6	28906.5	24814.8	17935.9	14555.6	11250.7	8490.1	5830.6
-12.5°	12802.1	14848.6	15827.2	16089.5	15827.2	14848.6	12802.1	10977.2	9149.0	6877.7	4668.9
-15°	9203.8	9828.1	10100.4	10184.6	10100.4	9828.1	9203.8	8182.2	6737.6	5118.0	3309.3
-17.5°	6278.3	6740.4	6960.4	6857.6	6960.4	6740.4	6278.3	5439.8	4453.4	3270.5	2194.0
-20°	3885.7	4246.0	4441.5	4423.9	4441.5	4246.0	3885.7	3266.5	2650.5	1916.7	1401.3



REPORT NUMBER: P558816 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2167.1	2353.4	2480.9	2509.1	2480.9	2353.4	2167.1	1807.9	1481.7	1188.4	891.4
-25°	1212.0	1308.7	1356.5	1371.8	1356.5	1308.7	1212.0	1060.6	887.3	773.0	625.8
-27.5°	759.8	802.6	821.8	828.7	821.8	802.6	759.8	699.1	614.3	564.4	501.9
-30°	542.7	562.0	572.2	576.7	572.2	562.0	542.7	520.1	484.3	459.2	435.8
-32.5°	444.3	451.9	455.8	454.1	455.8	451.9	444.3	434.5	420.7	407.0	393.8
-35°	395.1	396.3	396.1	394.8	396.1	396.3	395.1	391.4	384.3	374.5	361.1
-37.5°	362.3	362.4	361.3	361.1	361.3	362.4	362.3	359.2	351.6	342.3	331.9
-40°	327.6	327.4	326.3	326.1	326.3	327.4	327.6	325.4	319.7	313.5	306.2
-42.5°	295.8	296.0	295.9	296.5	295.9	296.0	295.8	294.1	291.1	286.6	282.4
-45°	272.7	272.2	271.9	272.2	271.9	272.2	272.7	272.4	271.8	270.5	268.6
-47.5°	260.7	260.2	259.9	260.1	259.9	260.2	260.7	260.9	260.9	260.6	259.8
-50°	253.1	252.3	251.9	252.0	251.9	252.3	253.1	253.7	254.0	253.9	253.4
-52.5°	248.4	248.0	247.4	246.6	247.4	248.0	248.4	248.6	248.5	248.4	248.1
-55°	243.7	243.7	243.3	242.6	243.3	243.7	243.7	243.5	243.2	242.9	242.3
-57.5°	238.4	238.4	238.4	238.5	238.4	238.4	238.4	238.1	237.5	236.7	235.6
-60°	233.3	234.1	234.4	234.5	234.4	234.1	233.3	232.2	230.7	229.2	227.4
-62.5°	226.3	228.2	228.9	229.1	228.9	228.2	226.3	224.2	221.9	219.5	216.8
-65°	212.1	213.4	213.5	212.9	213.5	213.4	212.1	210.4	208.6	206.0	202.9
-67.5°	192.6	193.2	193.2	192.7	193.2	193.2	192.6	191.6	190.3	188.1	184.9
-70°	170.0	170.4	171.6	172.5	171.6	170.4	170.0	169.3	168.1	166.0	162.7
-72.5°	144.2	144.8	146.0	146.9	146.0	144.8	144.2	143.2	141.8	139.9	137.3
-75°	117.2	118.0	118.4	118.6	118.4	118.0	117.2	116.0	114.5	112.8	111.0
-77.5°	90.0	91.0	91.5	91.6	91.5	91.0	90.0	88.8	87.3	85.7	84.3
-80°	62.5	62.9	63.2	63.3	63.2	62.9	62.5	61.9	61.1	60.2	59.3
-82.5°	39.9	40.2	40.3	40.4	40.3	40.2	39.9	39.6	39.1	38.6	38.0
-85°	22.6	22.8	22.9	22.9	22.9	22.8	22.6	22.4	22.2	21.9	21.5
-87.5°	8.0	8.1	8.1	8.1	8.1	8.1	8.0	8.0	7.9	7.8	7.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558816 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.6	7.5	7.3	7.5	7.6	7.7	7.7	7.5	7.2	6.9	6.6
85°	21.1	20.6	20.1	19.4	18.6	17.9	17.2	16.3	15.5	14.7	13.9
82.5°	37.2	36.4	35.4	34.3	33.1	31.7	30.1	28.5	26.6	24.7	22.6
80°	58.3	57.0	55.5	53.6	51.6	49.4	47.0	44.6	41.9	39.2	36.8
77.5°	82.8	80.9	78.9	76.4	73.6	70.5	67.3	64.4	61.5	58.2	54.5
75°	108.9	106.5	103.8	100.8	97.5	94.0	90.1	85.9	81.6	77.4	72.9
72.5°	134.5	131.5	128.4	125.2	121.7	117.6	112.9	107.7	102.3	96.5	90.7
70°	159.1	155.2	151.3	147.6	143.6	139.3	134.4	129.1	123.3	116.8	109.6
67.5°	181.3	177.4	173.4	169.0	164.1	159.1	154.1	149.1	143.0	136.2	128.2
65°	199.5	196.0	192.5	187.8	182.8	177.4	172.0	166.2	160.1	153.8	146.2
62.5°	213.7	210.2	206.8	202.8	198.5	193.9	188.6	182.2	175.6	168.8	161.0
60°	225.0	222.3	218.9	215.2	211.2	206.8	201.3	195.8	190.2	182.8	174.9
57.5°	234.1	231.8	228.5	225.2	222.0	217.5	212.2	206.8	200.7	194.7	188.0
55°	241.4	239.3	236.5	233.2	229.6	225.8	221.6	216.5	210.5	204.9	198.1
52.5°	247.5	245.5	243.1	240.6	237.2	233.3	229.2	224.4	219.6	213.8	207.5
50°	252.6	250.8	248.6	246.1	243.2	240.1	236.1	231.6	227.2	221.9	215.8
47.5°	258.6	256.6	254.1	251.5	248.5	245.1	241.7	238.3	234.0	229.3	223.2
45°	266.8	264.0	260.7	257.7	254.1	250.6	246.5	243.4	240.1	235.4	230.4
42.5°	278.4	273.8	269.6	265.2	260.4	256.4	252.3	248.6	245.0	241.0	235.8
40°	296.6	286.9	281.0	274.5	268.7	262.6	258.2	253.8	249.9	245.9	240.9
37.5°	320.0	307.8	296.8	286.1	278.7	271.3	264.9	259.6	254.4	250.1	245.1
35°	345.2	330.7	317.1	303.5	290.3	281.3	272.7	266.0	259.9	254.1	249.1
32.5°	376.1	358.6	341.0	324.3	307.3	292.9	282.2	272.7	265.2	258.6	252.8
30°	411.3	389.3	368.2	347.5	326.8	308.2	292.7	280.7	270.8	263.0	256.7
27.5°	459.8	421.3	396.3	371.3	346.8	324.9	306.0	289.3	276.9	267.7	260.3
25°	542.7	472.3	427.4	396.9	368.6	342.4	320.3	300.7	284.4	272.3	263.1
22.5°	678.0	557.7	472.9	423.7	391.1	362.3	336.2	312.6	291.4	276.7	266.2
20°	939.8	679.3	545.2	461.6	412.3	380.7	351.9	325.2	300.6	281.5	269.0
17.5°	1403.5	898.9	629.3	504.2	437.5	397.4	366.8	336.7	309.2	285.5	271.2
15°	1964.0	1202.1	782.2	570.7	465.2	411.1	379.9	347.2	317.5	290.7	274.2
12.5°	2758.6	1536.5	915.0	624.5	495.1	428.0	390.9	357.5	325.2	296.3	276.7
10°	3420.9	1934.4	1125.9	723.9	535.2	445.8	399.0	363.7	329.6	300.3	278.3
7.5°	4251.7	2377.5	1314.0	797.7	565.6	458.6	403.8	367.0	331.9	302.8	279.1
5°	4776.3	2670.4	1439.7	853.3	588.1	467.2	407.3	368.3	332.4	303.8	279.3
2.5°	5145.5	2821.1	1497.0	883.8	600.9	471.0	409.0	369.1	334.0	304.7	280.7
0°	5206.8	2936.3	1505.2	890.7	602.3	468.9	408.3	369.2	335.5	304.5	281.6
-2.5°	5145.5	2821.1	1497.0	883.8	600.9	471.0	409.0	369.1	334.0	304.7	280.7
-5°	4776.3	2670.4	1439.7	853.3	588.1	467.2	407.3	368.3	332.4	303.8	279.3
-7.5°	4251.7	2377.5	1314.0	797.7	565.6	458.6	403.8	367.0	331.9	302.8	279.1
-10°	3420.9	1934.4	1125.9	723.9	535.2	445.8	399.0	363.7	329.6	300.3	278.3
-12.5°	2758.6	1536.5	915.0	624.5	495.1	428.0	390.9	357.5	325.2	296.3	276.7
-15°	1964.0	1202.1	782.2	570.7	465.2	411.1	379.9	347.2	317.5	290.7	274.2
-17.5°	1403.5	898.9	629.3	504.2	437.5	397.4	366.8	336.7	309.2	285.5	271.2
-20°	939.8	679.3	545.2	461.6	412.3	380.7	351.9	325.2	300.6	281.5	269.0



REPORT NUMBER: P558816 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	678.0	557.7	472.9	423.7	391.1	362.3	336.2	312.6	291.4	276.7	266.2
-25°	542.7	472.3	427.4	396.9	368.6	342.4	320.3	300.7	284.4	272.3	263.1
-27.5°	459.8	421.3	396.3	371.3	346.8	324.9	306.0	289.3	276.9	267.7	260.3
-30°	411.3	389.3	368.2	347.5	326.8	308.2	292.7	280.7	270.8	263.0	256.7
-32.5°	376.1	358.6	341.0	324.3	307.3	292.9	282.2	272.7	265.2	258.6	252.8
-35°	345.2	330.7	317.1	303.5	290.3	281.3	272.7	266.0	259.9	254.1	249.1
-37.5°	320.0	307.8	296.8	286.1	278.7	271.3	264.9	259.6	254.4	250.1	245.1
-40°	296.6	286.9	281.0	274.5	268.7	262.6	258.2	253.8	249.9	245.9	240.9
-42.5°	278.4	273.8	269.6	265.2	260.4	256.4	252.3	248.6	245.0	241.0	235.8
-45°	266.8	264.0	260.7	257.7	254.1	250.6	246.5	243.4	240.1	235.4	230.4
-47.5°	258.6	256.6	254.1	251.5	248.5	245.1	241.7	238.3	234.0	229.3	223.2
-50°	252.6	250.8	248.6	246.1	243.2	240.1	236.1	231.6	227.2	221.9	215.8
-52.5°	247.5	245.5	243.1	240.6	237.2	233.3	229.2	224.4	219.6	213.8	207.5
-55°	241.4	239.3	236.5	233.2	229.6	225.8	221.6	216.5	210.5	204.9	198.1
-57.5°	234.1	231.8	228.5	225.2	222.0	217.5	212.2	206.8	200.7	194.7	188.0
-60°	225.0	222.3	218.9	215.2	211.2	206.8	201.3	195.8	190.2	182.8	174.9
-62.5°	213.7	210.2	206.8	202.8	198.5	193.9	188.6	182.2	175.6	168.8	161.0
-65°	199.5	196.0	192.5	187.8	182.8	177.4	172.0	166.2	160.1	153.8	146.2
-67.5°	181.3	177.4	173.4	169.0	164.1	159.1	154.1	149.1	143.0	136.2	128.2
-70°	159.1	155.2	151.3	147.6	143.6	139.3	134.4	129.1	123.3	116.8	109.6
-72.5°	134.5	131.5	128.4	125.2	121.7	117.6	112.9	107.7	102.3	96.5	90.7
-75°	108.9	106.5	103.8	100.8	97.5	94.0	90.1	85.9	81.6	77.4	72.9
-77.5°	82.8	80.9	78.9	76.4	73.6	70.5	67.3	64.4	61.5	58.2	54.5
-80°	58.3	57.0	55.5	53.6	51.6	49.4	47.0	44.6	41.9	39.2	36.8
-82.5°	37.2	36.4	35.4	34.3	33.1	31.7	30.1	28.5	26.6	24.7	22.6
-85°	21.1	20.6	20.1	19.4	18.6	17.9	17.2	16.3	15.5	14.7	13.9
-87.5°	7.6	7.5	7.3	7.5	7.6	7.7	7.7	7.5	7.2	6.9	6.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558816 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.3	6.0	5.7	5.4	5.0	4.7	4.3	4.0	3.6	3.2	2.8
85°	13.3	12.7	12.0	11.2	10.3	9.4	8.7	7.9	7.2	6.4	5.6
82.5°	21.1	20.1	19.2	18.2	17.3	16.2	14.9	13.3	11.5	9.7	8.5
80°	34.6	32.3	29.9	27.4	25.1	22.9	21.4	19.6	17.0	14.5	12.1
77.5°	50.3	46.2	42.2	38.8	35.1	31.8	28.7	25.8	22.4	19.3	16.2
75°	67.6	62.3	57.0	51.7	46.1	40.5	36.4	32.5	28.4	24.0	20.2
72.5°	84.9	78.6	72.0	65.2	58.7	52.1	45.3	39.1	34.5	29.6	24.4
70°	102.3	95.1	87.8	79.8	71.7	63.7	56.0	48.2	40.6	35.1	29.4
67.5°	119.8	111.3	103.0	94.3	85.1	75.8	66.6	57.6	48.9	40.6	34.2
65°	137.0	127.4	117.6	108.2	98.2	87.9	77.6	67.1	57.1	47.7	39.0
62.5°	152.7	143.4	132.8	122.0	111.1	99.9	88.3	76.8	65.2	54.6	44.6
60°	166.6	157.1	147.4	136.0	124.0	111.8	99.2	86.4	73.8	61.3	50.3
57.5°	179.2	170.1	160.0	149.1	136.9	123.6	110.0	96.1	82.3	68.6	55.9
55°	190.8	181.7	171.9	160.9	148.8	135.2	120.6	105.6	90.5	75.9	61.4
52.5°	200.2	192.2	182.6	171.9	159.7	146.3	131.0	114.9	98.9	83.0	67.6
50°	208.8	201.2	192.3	181.7	170.1	156.1	141.2	124.2	107.0	89.9	73.6
47.5°	216.6	209.2	200.7	190.8	178.8	165.7	150.2	133.2	114.9	96.9	79.4
45°	223.5	216.4	208.4	198.6	187.3	173.9	158.6	142.0	122.7	103.6	85.0
42.5°	229.8	222.6	214.8	206.2	194.6	181.5	166.7	149.5	130.3	110.1	90.5
40°	234.8	228.1	220.7	211.9	201.3	188.8	173.6	156.5	137.6	116.4	95.9
37.5°	239.6	232.9	225.6	217.3	207.4	194.8	180.1	163.2	144.3	122.5	101.1
35°	243.4	237.1	229.9	221.8	212.2	200.4	186.3	169.3	149.8	128.2	105.9
32.5°	247.1	240.8	233.4	225.5	216.6	205.8	191.6	174.5	155.1	133.6	110.5
30°	250.4	243.7	236.8	228.8	220.5	209.7	196.1	179.3	159.9	138.5	114.8
27.5°	253.2	246.2	239.7	231.7	223.3	213.3	200.2	183.7	164.4	142.9	118.8
25°	255.8	248.5	241.7	234.3	225.8	216.6	204.0	187.8	168.3	146.5	122.4
22.5°	258.1	250.6	243.4	236.6	228.0	219.6	207.1	190.9	171.6	149.8	125.7
20°	260.1	252.5	244.8	238.4	229.9	221.5	209.5	193.7	174.5	152.8	128.7
17.5°	261.9	254.1	246.3	239.4	231.4	223.0	211.8	196.2	177.1	155.4	131.2
15°	263.6	255.3	247.5	240.3	232.7	224.3	213.8	198.3	179.3	157.6	133.4
12.5°	265.0	256.1	248.5	241.0	233.7	225.4	215.5	200.2	181.2	159.5	135.3
10°	266.0	256.6	249.2	241.5	234.3	226.2	216.9	201.7	182.6	161.0	136.7
7.5°	266.8	256.8	249.6	241.7	234.8	226.8	217.8	202.7	183.7	162.1	137.8
5°	267.5	257.1	250.1	242.2	235.4	227.3	218.3	203.3	184.4	162.8	138.5
2.5°	268.7	258.0	250.5	242.5	235.7	227.6	218.5	203.6	184.7	163.1	138.8
0°	269.5	258.7	250.6	242.6	235.8	227.7	218.3	203.5	184.6	163.1	138.8
-2.5°	268.7	258.0	250.5	242.5	235.7	227.6	218.5	203.6	184.7	163.1	138.8
-5°	267.5	257.1	250.1	242.2	235.4	227.3	218.3	203.3	184.4	162.8	138.5
-7.5°	266.8	256.8	249.6	241.7	234.8	226.8	217.8	202.7	183.7	162.1	137.8
-10°	266.0	256.6	249.2	241.5	234.3	226.2	216.9	201.7	182.6	161.0	136.7
-12.5°	265.0	256.1	248.5	241.0	233.7	225.4	215.5	200.2	181.2	159.5	135.3
-15°	263.6	255.3	247.5	240.3	232.7	224.3	213.8	198.3	179.3	157.6	133.4
-17.5°	261.9	254.1	246.3	239.4	231.4	223.0	211.8	196.2	177.1	155.4	131.2
-20°	260.1	252.5	244.8	238.4	229.9	221.5	209.5	193.7	174.5	152.8	128.7



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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°	258.1	250.6	243.4	236.6	228.0	219.6	207.1	190.9	171.6	149.8	125.7
-25°	255.8	248.5	241.7	234.3	225.8	216.6	204.0	187.8	168.3	146.5	122.4
-27.5°	253.2	246.2	239.7	231.7	223.3	213.3	200.2	183.7	164.4	142.9	118.8
-30°	250.4	243.7	236.8	228.8	220.5	209.7	196.1	179.3	159.9	138.5	114.8
-32.5°	247.1	240.8	233.4	225.5	216.6	205.8	191.6	174.5	155.1	133.6	110.5
-35°	243.4	237.1	229.9	221.8	212.2	200.4	186.3	169.3	149.8	128.2	105.9
-37.5°	239.6	232.9	225.6	217.3	207.4	194.8	180.1	163.2	144.3	122.5	101.1
-40°	234.8	228.1	220.7	211.9	201.3	188.8	173.6	156.5	137.6	116.4	95.9
-42.5°	229.8	222.6	214.8	206.2	194.6	181.5	166.7	149.5	130.3	110.1	90.5
-45°	223.5	216.4	208.4	198.6	187.3	173.9	158.6	142.0	122.7	103.6	85.0
-47.5°	216.6	209.2	200.7	190.8	178.8	165.7	150.2	133.2	114.9	96.9	79.4
-50°	208.8	201.2	192.3	181.7	170.1	156.1	141.2	124.2	107.0	89.9	73.6
-52.5°	200.2	192.2	182.6	171.9	159.7	146.3	131.0	114.9	98.9	83.0	67.6
-55°	190.8	181.7	171.9	160.9	148.8	135.2	120.6	105.6	90.5	75.9	61.4
-57.5°	179.2	170.1	160.0	149.1	136.9	123.6	110.0	96.1	82.3	68.6	55.9
-60°	166.6	157.1	147.4	136.0	124.0	111.8	99.2	86.4	73.8	61.3	50.3
-62.5°	152.7	143.4	132.8	122.0	111.1	99.9	88.3	76.8	65.2	54.6	44.6
-65°	137.0	127.4	117.6	108.2	98.2	87.9	77.6	67.1	57.1	47.7	39.0
-67.5°	119.8	111.3	103.0	94.3	85.1	75.8	66.6	57.6	48.9	40.6	34.2
-70°	102.3	95.1	87.8	79.8	71.7	63.7	56.0	48.2	40.6	35.1	29.4
-72.5°	84.9	78.6	72.0	65.2	58.7	52.1	45.3	39.1	34.5	29.6	24.4
-75°	67.6	62.3	57.0	51.7	46.1	40.5	36.4	32.5	28.4	24.0	20.2
-77.5°	50.3	46.2	42.2	38.8	35.1	31.8	28.7	25.8	22.4	19.3	16.2
-80°	34.6	32.3	29.9	27.4	25.1	22.9	21.4	19.6	17.0	14.5	12.1
-82.5°	21.1	20.1	19.2	18.2	17.3	16.2	14.9	13.3	11.5	9.7	8.5
-85°	13.3	12.7	12.0	11.2	10.3	9.4	8.7	7.9	7.2	6.4	5.6
-87.5°	6.3	6.0	5.7	5.4	5.0	4.7	4.3	4.0	3.6	3.2	2.8
-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°	2.4	2.1	1.8	1.4	0.9	0.5	0.0
85°	4.9	4.2	3.5	2.7	1.9	0.9	0.0
82.5°	7.3	6.3	5.3	4.1	2.8	1.4	0.0
80°	9.8	8.4	7.0	5.4	3.7	1.9	0.0
77.5°	13.3	10.8	8.7	6.8	4.7	2.3	0.0
75°	16.7	13.6	10.6	8.1	5.6	2.8	0.0
72.5°	20.1	16.5	12.8	9.4	6.5	3.2	0.0
70°	23.6	19.3	15.1	10.8	7.4	3.7	0.0
67.5°	27.8	22.0	17.3	12.5	8.3	4.1	0.0
65°	31.9	25.1	19.5	14.1	9.1	4.6	0.0
62.5°	36.0	28.4	21.6	15.7	10.0	5.0	0.0
60°	40.0	31.7	23.7	17.3	10.8	5.4	0.0
57.5°	44.7	34.9	26.2	18.8	11.8	5.8	0.0
55°	49.4	37.9	28.6	20.3	12.8	6.2	0.0
52.5°	53.9	41.0	30.9	21.8	13.7	6.6	0.0
50°	58.3	44.7	33.2	23.2	14.6	6.9	0.0
47.5°	62.7	48.2	35.4	24.6	15.5	7.3	0.0
45°	67.5	51.7	37.5	26.2	16.4	7.6	0.0
42.5°	72.0	54.9	39.5	27.7	17.2	8.0	0.0
40°	76.3	58.1	41.6	29.0	18.0	8.3	0.0
37.5°	80.3	61.0	44.0	30.3	18.7	8.6	0.0
35°	84.2	64.1	46.3	31.5	19.4	8.8	0.0
32.5°	87.8	67.1	48.4	32.7	20.1	9.1	0.0
30°	91.5	69.8	50.3	33.7	20.7	9.4	0.0
27.5°	94.8	72.4	52.1	34.7	21.2	9.6	0.0
25°	97.9	74.7	53.8	35.5	21.8	9.8	0.0
22.5°	100.7	76.9	55.3	36.3	22.2	10.0	0.0
20°	103.3	78.8	56.6	37.0	22.7	10.1	0.0
17.5°	105.5	80.5	57.9	37.5	23.0	10.3	0.0
15°	107.6	82.0	58.9	38.0	23.4	10.4	0.0
12.5°	109.3	83.3	59.9	38.4	23.7	10.5	0.0
10°	110.7	84.3	60.6	38.7	23.9	10.6	0.0
7.5°	111.8	85.1	61.2	39.0	24.1	10.7	0.0
5°	112.6	85.7	61.7	39.1	24.2	10.8	0.0
2.5°	113.0	86.1	61.9	39.1	24.3	10.8	0.0
0°	113.2	86.2	62.0	39.1	24.3	10.8	0.0
-2.5°	113.0	86.1	61.9	39.1	24.3	10.8	0.0
-5°	112.6	85.7	61.7	39.1	24.2	10.8	0.0
-7.5°	111.8	85.1	61.2	39.0	24.1	10.7	0.0
-10°	110.7	84.3	60.6	38.7	23.9	10.6	0.0
-12.5°	109.3	83.3	59.9	38.4	23.7	10.5	0.0
-15°	107.6	82.0	58.9	38.0	23.4	10.4	0.0
-17.5°	105.5	80.5	57.9	37.5	23.0	10.3	0.0
-20°	103.3	78.8	56.6	37.0	22.7	10.1	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	100.7	76.9	55.3	36.3	22.2	10.0	0.0
-25°	97.9	74.7	53.8	35.5	21.8	9.8	0.0
-27.5°	94.8	72.4	52.1	34.7	21.2	9.6	0.0
-30°	91.5	69.8	50.3	33.7	20.7	9.4	0.0
-32.5°	87.8	67.1	48.4	32.7	20.1	9.1	0.0
-35°	84.2	64.1	46.3	31.5	19.4	8.8	0.0
-37.5°	80.3	61.0	44.0	30.3	18.7	8.6	0.0
-40°	76.3	58.1	41.6	29.0	18.0	8.3	0.0
-42.5°	72.0	54.9	39.5	27.7	17.2	8.0	0.0
-45°	67.5	51.7	37.5	26.2	16.4	7.6	0.0
-47.5°	62.7	48.2	35.4	24.6	15.5	7.3	0.0
-50°	58.3	44.7	33.2	23.2	14.6	6.9	0.0
-52.5°	53.9	41.0	30.9	21.8	13.7	6.6	0.0
-55°	49.4	37.9	28.6	20.3	12.8	6.2	0.0
-57.5°	44.7	34.9	26.2	18.8	11.8	5.8	0.0
-60°	40.0	31.7	23.7	17.3	10.8	5.4	0.0
-62.5°	36.0	28.4	21.6	15.7	10.0	5.0	0.0
-65°	31.9	25.1	19.5	14.1	9.1	4.6	0.0
-67.5°	27.8	22.0	17.3	12.5	8.3	4.1	0.0
-70°	23.6	19.3	15.1	10.8	7.4	3.7	0.0
-72.5°	20.1	16.5	12.8	9.4	6.5	3.2	0.0
-75°	16.7	13.6	10.6	8.1	5.6	2.8	0.0
-77.5°	13.3	10.8	8.7	6.8	4.7	2.3	0.0
-80°	9.8	8.4	7.0	5.4	3.7	1.9	0.0
-82.5°	7.3	6.3	5.3	4.1	2.8	1.4	0.0
-85°	4.9	4.2	3.5	2.7	1.9	0.9	0.0
-87.5°	2.4	2.1	1.8	1.4	0.9	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)