

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: P558855 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-930-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558855 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-3)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA3E-930-U-NR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3
Light Source: (48) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

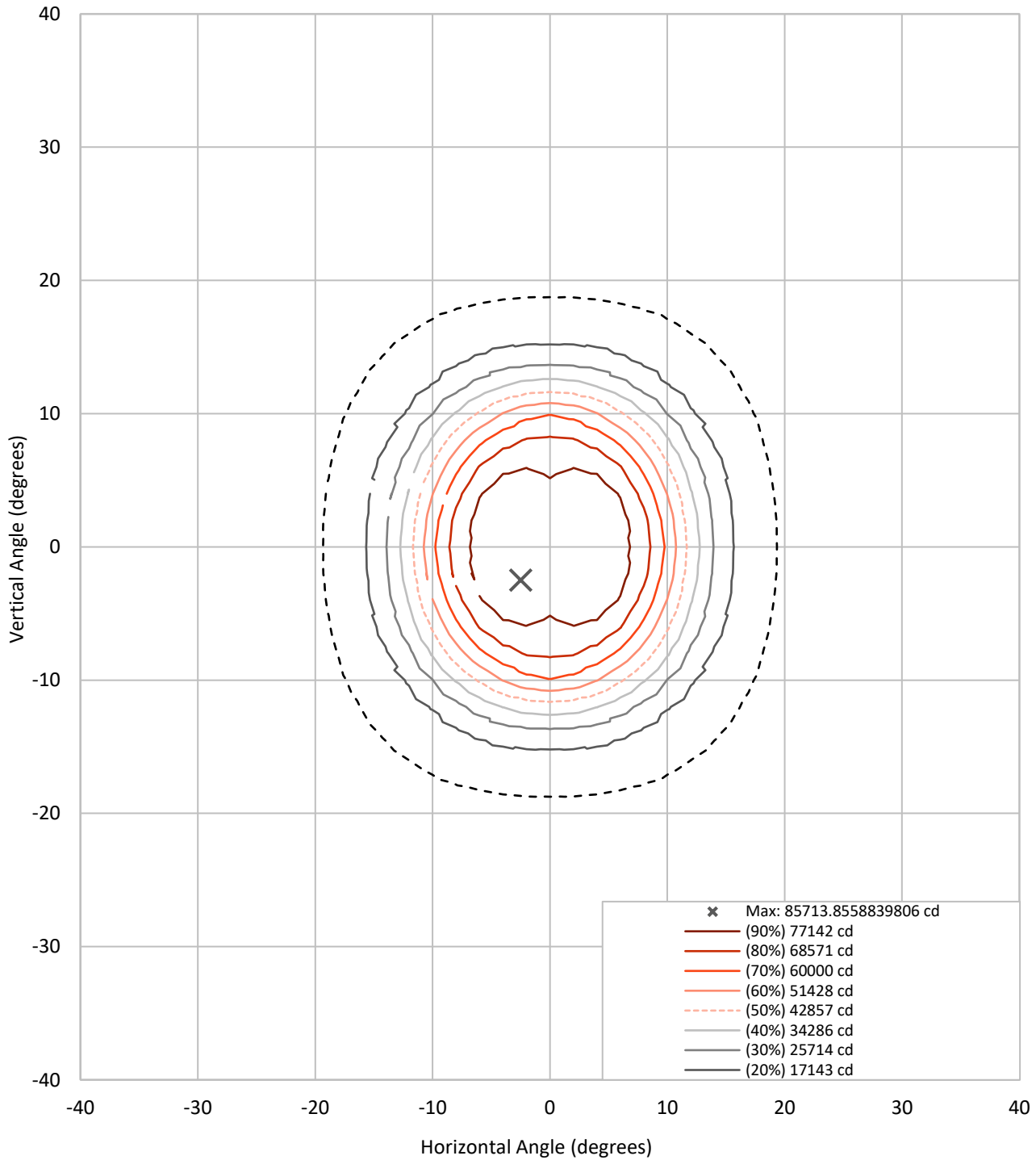
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	16208.4 lumens	Max Intensity:	85713.9 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	89.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	8750.4 lumens	Field Lumens:	13196 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 182
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





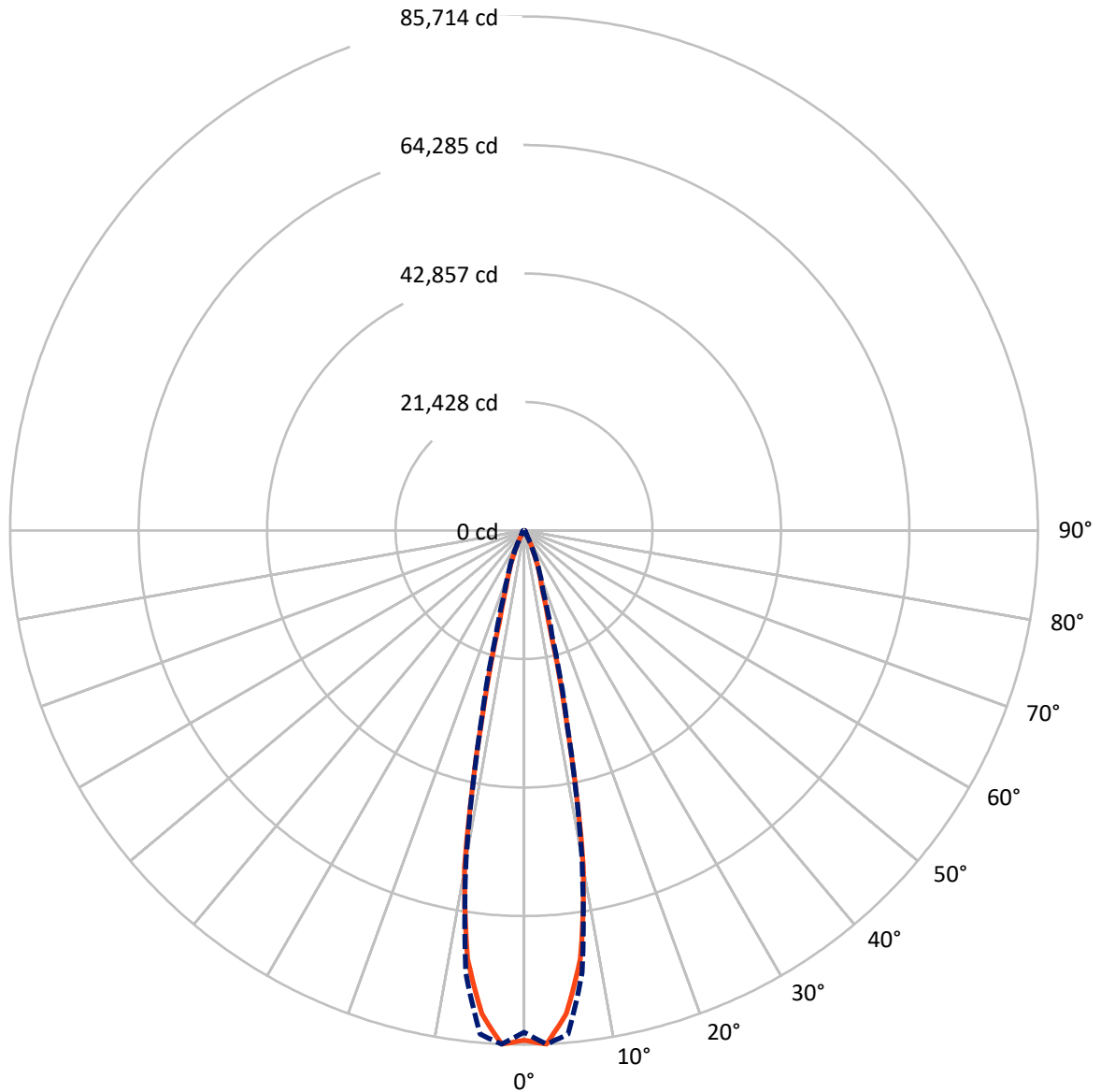
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Lumen Table

90	0.2	1.6		4.4		7.0		8.1		7.0		4.4		1.6		0.2
80	0.2	1.6		4.4		7.0		8.1		7.0		4.4		1.6		0.2
70	0.8	0.8	1.8	2.8	3.9	4.8	5.5	5.9	5.9	5.5	4.8	3.9	2.8	1.8	0.8	0.8
60		1.3	2.6	4.0	5.4	6.4	7.1	7.4	7.4	7.1	6.4	5.4	4.0	2.6	1.3	
50	1.4	1.7	3.2	4.9	6.3	7.6	8.8	9.3	9.3	8.8	7.6	6.3	4.9	3.2	1.7	1.4
40		2.0	3.8	5.5	7.4	10.1	13.3	15.9	15.9	13.3	10.1	7.4	5.5	3.8	2.0	
30	1.8	2.3	4.1	6.0	9.2	16.6	49.8	97.0	97.0	49.8	16.6	9.2	6.0	4.1	2.3	1.8
20		2.4	4.3	6.4	11.4	49.2	226.9	583.5	583.5	226.9	49.2	11.4	6.4	4.3	2.4	
10	2.0	2.5	4.3	6.7	13.7	95.8	590.9	2087.6	2087.6	590.9	95.8	13.7	6.7	4.3	2.5	2.0
0		2.5	4.3	6.7	13.7	95.8	590.9	2087.6	2087.6	590.9	95.8	13.7	6.7	4.3	2.5	
-10	1.8	2.4	4.3	6.4	11.4	49.2	226.9	583.5	583.5	226.9	49.2	11.4	6.4	4.3	2.4	1.8
-20		2.3	4.1	6.0	9.2	16.6	49.8	97.0	97.0	49.8	16.6	9.2	6.0	4.1	2.3	
-30	1.4	2.0	3.8	5.5	7.4	10.1	13.3	15.9	15.9	13.3	10.1	7.4	5.5	3.8	2.0	1.4
-40		1.7	3.2	4.9	6.3	7.6	8.8	9.3	9.3	8.8	7.6	6.3	4.9	3.2	1.7	
-50	0.8	1.3	2.6	4.0	5.4	6.4	7.1	7.4	7.4	7.1	6.4	5.4	4.0	2.6	1.3	0.8
-60		0.8	1.8	2.8	3.9	4.8	5.5	5.9	5.9	5.5	4.8	3.9	2.8	1.8	0.8	
-70	0.2	1.6		4.4		7.0		8.1		7.0		4.4		1.6		0.2
-80		1.6		4.4		7.0		8.1		7.0		4.4		1.6		
-90	0.2	1.6		4.4		7.0		8.1		7.0		4.4		1.6		0.2

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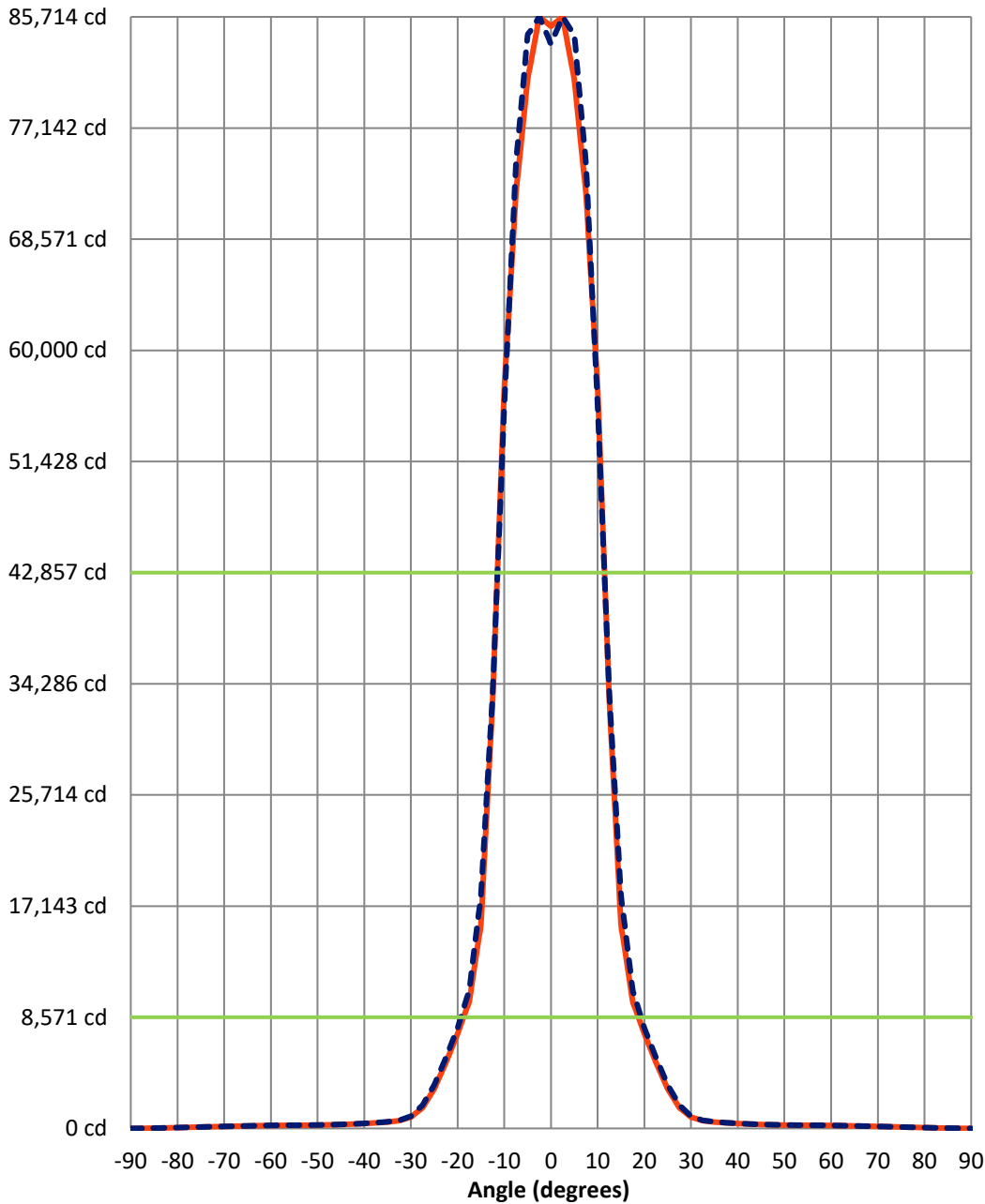
Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg - - - Horizontal Distribution Through -2.5-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 22.9°
 V Angle: 22.9°
 Lumens: 8750.4
 Efficiency: 54.0%

Field:
 H Angle: 38.6°
 V Angle: 37.5°
 Lumens: 13196
 Efficiency: 81.4%

Spill:
 Lumens: 3012.4
 Efficiency: 18.6%

— Vertical Distribution through -2.5-Deg
 - - Horizontal Distribution through -2.5-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	0.4	0.8	1.2	1.6	2.0	2.4	2.7	3.1	3.5	3.8
85°	0.0	0.8	1.6	2.4	3.2	3.9	4.7	5.5	6.2	7.0	7.7
82.5°	0.0	1.2	2.4	3.6	4.7	5.9	7.0	8.2	9.4	11.2	13.1
80°	0.0	1.6	3.2	4.7	6.3	7.8	9.5	11.9	14.3	16.8	19.5
77.5°	0.0	2.0	3.9	5.9	7.8	10.1	13.0	16.0	19.1	22.4	25.9
75°	0.0	2.4	4.7	7.0	9.5	13.1	16.4	20.0	23.9	28.5	32.7
72.5°	0.0	2.7	5.5	8.2	12.0	16.0	19.9	24.3	29.7	34.8	39.6
70°	0.0	3.1	6.2	9.4	14.3	19.0	23.4	29.4	35.4	41.1	47.8
67.5°	0.0	3.5	7.0	11.3	16.7	21.8	27.8	34.5	41.1	48.7	56.3
65°	0.0	3.8	7.7	13.0	19.0	25.0	32.1	39.5	47.8	56.3	64.8
62.5°	0.0	4.2	8.4	14.8	21.3	28.5	36.3	45.0	54.4	63.8	73.6
60°	0.0	4.5	9.1	16.5	23.6	31.9	40.4	50.7	60.9	71.6	82.2
57.5°	0.0	4.9	10.2	18.2	26.2	35.1	45.1	56.2	67.6	79.1	90.6
55°	0.0	5.2	11.3	19.9	28.7	38.3	49.7	61.6	74.1	86.5	98.8
52.5°	0.0	5.5	12.4	21.5	31.1	41.5	54.2	67.2	80.5	93.7	106.8
50°	0.0	5.8	13.4	23.0	33.5	45.1	58.6	72.7	86.7	100.7	114.8
47.5°	0.0	6.1	14.4	24.6	35.7	48.6	62.9	78.0	92.7	107.4	122.7
45°	0.0	6.4	15.4	26.2	37.9	52.0	67.3	83.2	98.6	114.3	130.3
42.5°	0.0	6.7	16.3	27.8	39.9	55.2	71.6	88.2	104.2	121.0	137.2
40°	0.0	7.0	17.2	29.2	42.1	58.3	75.7	92.9	109.7	127.5	143.6
37.5°	0.0	7.2	18.0	30.6	44.5	61.2	79.6	97.4	115.1	133.4	149.6
35°	0.0	7.5	18.8	31.9	46.7	64.2	83.4	101.6	120.2	138.4	155.4
32.5°	0.0	7.7	19.5	33.1	48.8	67.2	86.9	105.7	124.9	143.2	161.0
30°	0.0	7.9	20.2	34.2	50.7	69.9	90.1	109.5	129.4	147.6	166.2
27.5°	0.0	8.1	20.9	35.2	52.5	72.5	93.1	113.0	133.3	151.8	170.8
25°	0.0	8.2	21.4	36.2	54.3	74.9	95.9	116.3	136.6	155.6	174.9
22.5°	0.0	8.4	22.0	37.1	55.9	77.1	98.4	119.3	139.7	159.0	178.5
20°	0.0	8.6	22.5	37.9	57.4	79.1	100.7	122.0	142.5	162.0	181.7
17.5°	0.0	8.7	22.9	38.6	58.7	80.8	102.7	124.3	144.9	164.5	184.5
15°	0.0	8.8	23.3	39.2	59.9	82.3	104.4	126.3	147.1	166.7	186.9
12.5°	0.0	8.9	23.6	39.7	60.9	83.6	105.9	128.0	148.9	168.4	188.9
10°	0.0	9.0	23.8	40.1	61.8	84.6	107.1	129.4	150.4	170.2	190.6
7.5°	0.0	9.0	24.0	40.5	62.5	85.4	108.0	130.5	151.6	171.7	191.8
5°	0.0	9.1	24.2	40.7	63.1	86.0	108.7	131.3	152.4	172.9	192.4
2.5°	0.0	9.1	24.3	40.9	63.5	86.3	109.1	131.7	152.9	173.8	192.7
0°	0.0	9.1	24.3	40.9	63.7	86.4	109.2	131.9	153.1	174.3	192.5
-2.5°	0.0	9.1	24.3	40.9	63.7	86.4	109.2	131.9	153.1	174.3	192.5
-5°	0.0	9.1	24.2	40.7	63.1	86.0	108.7	131.3	152.4	172.9	192.4
-7.5°	0.0	9.0	24.0	40.5	62.5	85.4	108.0	130.5	151.6	171.7	191.8
-10°	0.0	9.0	23.8	40.1	61.8	84.6	107.1	129.4	150.4	170.2	190.6
-12.5°	0.0	8.9	23.6	39.7	60.9	83.6	105.9	128.0	148.9	168.4	188.9
-15°	0.0	8.8	23.3	39.2	59.9	82.3	104.4	126.3	147.1	166.7	186.9
-17.5°	0.0	8.7	22.9	38.6	58.7	80.8	102.7	124.3	144.9	164.5	184.5
-20°	0.0	8.6	22.5	37.9	57.4	79.1	100.7	122.0	142.5	162.0	181.7



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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	8.4	22.0	37.1	55.9	77.1	98.4	119.3	139.7	159.0	178.5
-25°	0.0	8.2	21.4	36.2	54.3	74.9	95.9	116.3	136.6	155.6	174.9
-27.5°	0.0	8.1	20.9	35.2	52.5	72.5	93.1	113.0	133.3	151.8	170.8
-30°	0.0	7.9	20.2	34.2	50.7	69.9	90.1	109.5	129.4	147.6	166.2
-32.5°	0.0	7.7	19.5	33.1	48.8	67.2	86.9	105.7	124.9	143.2	161.0
-35°	0.0	7.5	18.8	31.9	46.7	64.2	83.4	101.6	120.2	138.4	155.4
-37.5°	0.0	7.2	18.0	30.6	44.5	61.2	79.6	97.4	115.1	133.4	149.6
-40°	0.0	7.0	17.2	29.2	42.1	58.3	75.7	92.9	109.7	127.5	143.6
-42.5°	0.0	6.7	16.3	27.8	39.9	55.2	71.6	88.2	104.2	121.0	137.2
-45°	0.0	6.4	15.4	26.2	37.9	52.0	67.3	83.2	98.6	114.3	130.3
-47.5°	0.0	6.1	14.4	24.6	35.7	48.6	62.9	78.0	92.7	107.4	122.7
-50°	0.0	5.8	13.4	23.0	33.5	45.1	58.6	72.7	86.7	100.7	114.8
-52.5°	0.0	5.5	12.4	21.5	31.1	41.5	54.2	67.2	80.5	93.7	106.8
-55°	0.0	5.2	11.3	19.9	28.7	38.3	49.7	61.6	74.1	86.5	98.8
-57.5°	0.0	4.9	10.2	18.2	26.2	35.1	45.1	56.2	67.6	79.1	90.6
-60°	0.0	4.5	9.1	16.5	23.6	31.9	40.4	50.7	60.9	71.6	82.2
-62.5°	0.0	4.2	8.4	14.8	21.3	28.5	36.3	45.0	54.4	63.8	73.6
-65°	0.0	3.8	7.7	13.0	19.0	25.0	32.1	39.5	47.8	56.3	64.8
-67.5°	0.0	3.5	7.0	11.3	16.7	21.8	27.8	34.5	41.1	48.7	56.3
-70°	0.0	3.1	6.2	9.4	14.3	19.0	23.4	29.4	35.4	41.1	47.8
-72.5°	0.0	2.7	5.5	8.2	12.0	16.0	19.9	24.3	29.7	34.8	39.6
-75°	0.0	2.4	4.7	7.0	9.5	13.1	16.4	20.0	23.9	28.5	32.7
-77.5°	0.0	2.0	3.9	5.9	7.8	10.1	13.0	16.0	19.1	22.4	25.9
-80°	0.0	1.6	3.2	4.7	6.3	7.8	9.5	11.9	14.3	16.8	19.5
-82.5°	0.0	1.2	2.4	3.6	4.7	5.9	7.0	8.2	9.4	11.2	13.1
-85°	0.0	0.8	1.6	2.4	3.2	3.9	4.7	5.5	6.2	7.0	7.7
-87.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.7	3.1	3.5	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



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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°	4.2	4.5	4.9	5.2	5.5	5.8	6.1	6.4	6.7	7.0	7.2
85°	8.4	9.1	10.1	11.1	12.0	12.8	13.5	14.1	15.0	15.9	16.8
82.5°	14.8	16.3	17.6	18.9	20.0	21.0	22.1	23.6	25.5	27.3	28.9
80°	21.6	23.5	25.7	28.0	30.3	32.7	35.0	37.4	39.5	41.5	43.6
77.5°	29.0	32.0	35.1	38.2	41.5	45.1	48.6	52.0	55.1	58.2	61.2
75°	36.6	40.5	45.1	49.7	54.2	58.6	62.9	67.2	71.3	75.2	79.0
72.5°	45.0	50.7	56.2	61.6	67.5	73.0	78.2	83.1	88.1	93.2	97.9
70°	54.4	60.9	67.8	74.8	81.6	87.8	94.0	100.3	106.5	111.9	116.6
67.5°	63.8	71.8	79.8	87.7	95.2	102.4	109.8	116.8	123.3	128.9	134.2
65°	73.6	82.5	91.3	99.9	108.3	116.8	124.8	132.4	139.4	145.7	151.7
62.5°	83.2	92.9	102.5	112.1	121.9	131.2	139.6	147.6	155.3	162.1	168.6
60°	92.6	103.1	113.7	124.4	135.0	144.8	153.9	162.2	170.0	177.6	184.3
57.5°	101.8	113.1	124.7	136.2	147.3	157.9	167.1	176.0	184.0	191.6	198.6
55°	110.9	122.9	135.3	147.4	159.0	169.9	179.8	188.6	197.2	204.2	210.9
52.5°	119.9	132.5	145.4	158.1	169.9	181.2	191.5	200.4	208.2	215.4	221.3
50°	128.7	141.8	155.1	168.0	180.2	191.7	202.0	210.7	218.1	224.7	230.2
47.5°	137.0	150.8	164.0	177.4	189.8	201.2	211.3	219.4	226.7	232.6	237.8
45°	144.8	159.2	173.0	186.0	198.6	209.9	219.2	227.4	234.1	240.0	245.2
42.5°	152.3	167.3	181.3	194.3	206.7	217.5	226.7	234.3	241.1	246.9	252.7
40°	159.5	175.2	189.3	202.1	214.2	224.5	233.0	240.8	247.5	254.1	260.4
37.5°	166.4	182.4	197.0	209.9	220.6	230.6	239.1	246.8	254.3	261.6	270.0
35°	173.2	189.3	204.0	216.7	227.2	236.0	244.7	253.1	261.8	271.0	280.8
32.5°	179.3	195.9	210.8	222.5	232.4	241.2	250.2	260.3	270.6	281.1	293.1
30°	184.9	201.9	216.9	227.9	237.0	245.8	256.4	267.9	280.1	292.1	306.2
27.5°	189.7	207.5	221.5	232.1	241.1	249.5	261.4	276.3	289.5	302.3	317.9
25°	194.1	212.0	225.7	235.7	244.1	253.2	265.5	280.9	297.5	311.5	333.1
22.5°	198.0	216.1	229.6	239.0	246.5	256.3	268.7	283.9	301.0	318.7	348.6
20°	201.3	219.1	232.9	241.7	248.3	258.5	270.6	286.1	305.0	330.5	363.7
17.5°	204.2	222.1	235.4	243.4	250.5	260.1	271.2	287.3	309.4	341.2	377.6
15°	206.6	225.1	237.5	244.9	252.2	261.7	273.7	290.5	316.0	351.1	390.3
12.5°	208.7	227.9	239.3	246.1	253.3	262.9	276.4	295.6	323.8	360.9	404.3
10°	210.3	230.5	240.6	247.1	253.9	263.7	278.7	299.6	330.3	370.1	416.8
7.5°	211.8	232.6	241.7	247.8	254.1	264.1	280.6	302.4	335.0	377.6	427.2
5°	212.9	233.9	242.7	248.3	254.0	264.3	282.0	304.2	338.0	383.3	435.0
2.5°	213.6	234.7	243.5	248.5	253.7	264.2	283.1	307.2	341.6	387.5	439.7
0°	213.8	235.0	244.1	248.6	253.2	263.8	283.5	309.3	344.1	389.6	441.2
-2.5°	213.6	234.7	243.5	248.5	253.7	264.2	283.1	307.2	341.6	387.5	439.7
-5°	212.9	233.9	242.7	248.3	254.0	264.3	282.0	304.2	338.0	383.3	435.0
-7.5°	211.8	232.6	241.7	247.8	254.1	264.1	280.6	302.4	335.0	377.6	427.2
-10°	210.3	230.5	240.6	247.1	253.9	263.7	278.7	299.6	330.3	370.1	416.8
-12.5°	208.7	227.9	239.3	246.1	253.3	262.9	276.4	295.6	323.8	360.9	404.3
-15°	206.6	225.1	237.5	244.9	252.2	261.7	273.7	290.5	316.0	351.1	390.3
-17.5°	204.2	222.1	235.4	243.4	250.5	260.1	271.2	287.3	309.4	341.2	377.6
-20°	201.3	219.1	232.9	241.7	248.3	258.5	270.6	286.1	305.0	330.5	363.7



REPORT NUMBER: P558855 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	198.0	216.1	229.6	239.0	246.5	256.3	268.7	283.9	301.0	318.7	348.6
-25°	194.1	212.0	225.7	235.7	244.1	253.2	265.5	280.9	297.5	311.5	333.1
-27.5°	189.7	207.5	221.5	232.1	241.1	249.5	261.4	276.3	289.5	302.3	317.9
-30°	184.9	201.9	216.9	227.9	237.0	245.8	256.4	267.9	280.1	292.1	306.2
-32.5°	179.3	195.9	210.8	222.5	232.4	241.2	250.2	260.3	270.6	281.1	293.1
-35°	173.2	189.3	204.0	216.7	227.2	236.0	244.7	253.1	261.8	271.0	280.8
-37.5°	166.4	182.4	197.0	209.9	220.6	230.6	239.1	246.8	254.3	261.6	270.0
-40°	159.5	175.2	189.3	202.1	214.2	224.5	233.0	240.8	247.5	254.1	260.4
-42.5°	152.3	167.3	181.3	194.3	206.7	217.5	226.7	234.3	241.1	246.9	252.7
-45°	144.8	159.2	173.0	186.0	198.6	209.9	219.2	227.4	234.1	240.0	245.2
-47.5°	137.0	150.8	164.0	177.4	189.8	201.2	211.3	219.4	226.7	232.6	237.8
-50°	128.7	141.8	155.1	168.0	180.2	191.7	202.0	210.7	218.1	224.7	230.2
-52.5°	119.9	132.5	145.4	158.1	169.9	181.2	191.5	200.4	208.2	215.4	221.3
-55°	110.9	122.9	135.3	147.4	159.0	169.9	179.8	188.6	197.2	204.2	210.9
-57.5°	101.8	113.1	124.7	136.2	147.3	157.9	167.1	176.0	184.0	191.6	198.6
-60°	92.6	103.1	113.7	124.4	135.0	144.8	153.9	162.2	170.0	177.6	184.3
-62.5°	83.2	92.9	102.5	112.1	121.9	131.2	139.6	147.6	155.3	162.1	168.6
-65°	73.6	82.5	91.3	99.9	108.3	116.8	124.8	132.4	139.4	145.7	151.7
-67.5°	63.8	71.8	79.8	87.7	95.2	102.4	109.8	116.8	123.3	128.9	134.2
-70°	54.4	60.9	67.8	74.8	81.6	87.8	94.0	100.3	106.5	111.9	116.6
-72.5°	45.0	50.7	56.2	61.6	67.5	73.0	78.2	83.1	88.1	93.2	97.9
-75°	36.6	40.5	45.1	49.7	54.2	58.6	62.9	67.2	71.3	75.2	79.0
-77.5°	29.0	32.0	35.1	38.2	41.5	45.1	48.6	52.0	55.1	58.2	61.2
-80°	21.6	23.5	25.7	28.0	30.3	32.7	35.0	37.4	39.5	41.5	43.6
-82.5°	14.8	16.3	17.6	18.9	20.0	21.0	22.1	23.6	25.5	27.3	28.9
-85°	8.4	9.1	10.1	11.1	12.0	12.8	13.5	14.1	15.0	15.9	16.8
-87.5°	4.2	4.5	4.9	5.2	5.5	5.8	6.1	6.4	6.7	7.0	7.2
-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: P558855 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-U-NR-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°	7.5	7.4	7.2	7.1	6.9	7.4	7.8	8.3	8.8	8.9	9.0
85°	17.8	18.3	18.9	19.4	19.9	20.5	21.0	21.4	21.8	22.4	23.1
82.5°	30.3	31.5	32.7	33.7	34.7	35.8	37.0	38.0	39.0	39.6	40.1
80°	45.6	47.7	49.5	51.2	52.6	54.4	56.2	57.8	59.2	60.2	60.9
77.5°	64.1	66.7	69.0	71.3	73.4	75.5	77.2	78.6	79.8	81.1	82.4
75°	82.5	85.9	89.2	92.1	94.6	96.9	99.0	100.9	102.6	104.1	105.4
72.5°	102.1	106.0	109.5	112.6	115.6	118.6	121.3	123.8	125.9	127.7	129.2
70°	121.0	125.2	129.4	133.4	137.0	140.3	143.2	145.9	148.2	150.1	151.7
67.5°	139.2	144.0	148.7	153.2	157.1	160.6	164.0	167.1	169.9	172.1	173.6
65°	157.3	162.6	167.8	172.4	176.4	180.0	183.8	187.1	189.9	191.9	193.3
62.5°	174.9	180.7	185.7	190.4	194.9	198.8	202.0	205.0	207.8	210.0	211.4
60°	190.6	196.6	201.5	206.0	210.1	213.9	217.1	220.2	223.1	225.7	227.7
57.5°	204.5	210.1	215.1	219.0	222.7	226.1	229.2	231.8	233.9	235.4	236.8
55°	216.7	221.6	226.2	230.1	233.4	236.1	238.4	240.3	241.7	242.7	243.5
52.5°	226.9	231.5	236.1	239.9	242.4	244.7	246.7	248.9	250.1	250.4	250.2
50°	235.2	240.1	244.2	247.6	251.0	254.8	258.9	260.9	261.6	261.1	260.4
47.5°	242.8	247.5	252.0	256.3	261.3	267.7	274.2	277.3	277.0	275.6	275.0
45°	250.3	255.4	260.7	267.3	274.2	282.5	290.1	294.8	294.9	295.0	296.1
42.5°	258.0	264.5	271.7	280.6	289.7	299.0	307.1	313.0	317.4	322.8	327.3
40°	267.6	274.9	285.7	296.7	308.5	318.4	330.9	341.6	350.5	358.5	364.6
37.5°	278.9	289.2	302.9	317.1	332.4	347.8	362.4	376.1	387.7	401.0	410.9
35°	292.4	307.1	323.8	341.5	360.5	380.1	398.9	420.7	439.8	456.8	470.8
32.5°	308.2	325.9	346.3	369.8	393.7	419.6	446.7	474.5	501.4	529.4	557.4
30°	324.0	347.5	373.5	402.1	430.1	463.9	499.0	544.7	592.6	647.2	731.1
27.5°	343.3	371.3	401.6	434.5	473.0	516.2	584.0	668.5	812.5	920.2	1209.4
25°	362.1	394.1	433.1	475.7	527.5	606.5	768.6	956.2	1374.0	1765.1	2216.9
22.5°	381.3	421.2	467.8	519.8	609.7	813.1	1122.0	1687.6	2333.0	3018.0	3715.7
20°	400.6	447.6	506.0	592.8	781.0	1129.0	1822.3	2731.1	3648.2	4768.4	5737.2
17.5°	422.3	480.5	556.9	687.5	997.5	1743.2	2768.7	4029.8	5448.9	6889.1	8098.3
15°	440.2	508.4	610.7	866.0	1451.4	2440.7	3782.6	5492.2	7427.1	9247.8	10800.9
12.5°	460.0	539.4	673.9	1010.8	1870.0	3170.7	4939.3	7043.0	9364.3	11859.0	15809.1
10°	478.3	570.5	779.9	1311.6	2352.7	3908.5	5975.1	8345.5	11160.7	16155.6	25493.0
7.5°	493.6	595.2	859.6	1535.7	2789.6	4604.5	6819.6	9459.2	13691.7	22083.4	37796.0
5°	504.1	611.6	915.0	1703.4	3137.6	5117.9	7359.4	10192.6	16273.9	29329.5	48249.0
2.5°	511.5	620.5	944.5	1801.2	3357.7	5457.8	7741.8	10686.1	18007.6	33520.8	55687.4
0°	517.0	623.1	950.6	1886.0	3432.3	5573.0	7760.7	10818.6	18602.0	35157.3	58337.8
-2.5°	511.5	620.5	944.5	1801.2	3357.7	5457.8	7741.8	10686.1	18007.6	33520.8	55687.4
-5°	504.1	611.6	915.0	1703.4	3137.6	5117.9	7359.4	10192.6	16273.9	29329.5	48249.0
-7.5°	493.6	595.2	859.6	1535.7	2789.6	4604.5	6819.6	9459.2	13691.7	22083.4	37796.0
-10°	478.3	570.5	779.9	1311.6	2352.7	3908.5	5975.1	8345.5	11160.7	16155.6	25493.0
-12.5°	460.0	539.4	673.9	1010.8	1870.0	3170.7	4939.3	7043.0	9364.3	11859.0	15809.1
-15°	440.2	508.4	610.7	866.0	1451.4	2440.7	3782.6	5492.2	7427.1	9247.8	10800.9
-17.5°	422.3	480.5	556.9	687.5	997.5	1743.2	2768.7	4029.8	5448.9	6889.1	8098.3
-20°	400.6	447.6	506.0	592.8	781.0	1129.0	1822.3	2731.1	3648.2	4768.4	5737.2



REPORT NUMBER: P558855 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	381.3	421.2	467.8	519.8	609.7	813.1	1122.0	1687.6	2333.0	3018.0	3715.7
-25°	362.1	394.1	433.1	475.7	527.5	606.5	768.6	956.2	1374.0	1765.1	2216.9
-27.5°	343.3	371.3	401.6	434.5	473.0	516.2	584.0	668.5	812.5	920.2	1209.4
-30°	324.0	347.5	373.5	402.1	430.1	463.9	499.0	544.7	592.6	647.2	731.1
-32.5°	308.2	325.9	346.3	369.8	393.7	419.6	446.7	474.5	501.4	529.4	557.4
-35°	292.4	307.1	323.8	341.5	360.5	380.1	398.9	420.7	439.8	456.8	470.8
-37.5°	278.9	289.2	302.9	317.1	332.4	347.8	362.4	376.1	387.7	401.0	410.9
-40°	267.6	274.9	285.7	296.7	308.5	318.4	330.9	341.6	350.5	358.5	364.6
-42.5°	258.0	264.5	271.7	280.6	289.7	299.0	307.1	313.0	317.4	322.8	327.3
-45°	250.3	255.4	260.7	267.3	274.2	282.5	290.1	294.8	294.9	295.0	296.1
-47.5°	242.8	247.5	252.0	256.3	261.3	267.7	274.2	277.3	277.0	275.6	275.0
-50°	235.2	240.1	244.2	247.6	251.0	254.8	258.9	260.9	261.6	261.1	260.4
-52.5°	226.9	231.5	236.1	239.9	242.4	244.7	246.7	248.9	250.1	250.4	250.2
-55°	216.7	221.6	226.2	230.1	233.4	236.1	238.4	240.3	241.7	242.7	243.5
-57.5°	204.5	210.1	215.1	219.0	222.7	226.1	229.2	231.8	233.9	235.4	236.8
-60°	190.6	196.6	201.5	206.0	210.1	213.9	217.1	220.2	223.1	225.7	227.7
-62.5°	174.9	180.7	185.7	190.4	194.9	198.8	202.0	205.0	207.8	210.0	211.4
-65°	157.3	162.6	167.8	172.4	176.4	180.0	183.8	187.1	189.9	191.9	193.3
-67.5°	139.2	144.0	148.7	153.2	157.1	160.6	164.0	167.1	169.9	172.1	173.6
-70°	121.0	125.2	129.4	133.4	137.0	140.3	143.2	145.9	148.2	150.1	151.7
-72.5°	102.1	106.0	109.5	112.6	115.6	118.6	121.3	123.8	125.9	127.7	129.2
-75°	82.5	85.9	89.2	92.1	94.6	96.9	99.0	100.9	102.6	104.1	105.4
-77.5°	64.1	66.7	69.0	71.3	73.4	75.5	77.2	78.6	79.8	81.1	82.4
-80°	45.6	47.7	49.5	51.2	52.6	54.4	56.2	57.8	59.2	60.2	60.9
-82.5°	30.3	31.5	32.7	33.7	34.7	35.8	37.0	38.0	39.0	39.6	40.1
-85°	17.8	18.3	18.9	19.4	19.9	20.5	21.0	21.4	21.8	22.4	23.1
-87.5°	7.5	7.4	7.2	7.1	6.9	7.4	7.8	8.3	8.8	8.9	9.0
-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: P558855 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	9.0	9.1	9.1	9.1	9.1	9.1	9.0	9.0	8.9	8.8	8.3
85°	23.6	24.2	23.5	22.7	23.5	24.2	23.6	23.1	22.4	21.8	21.4
82.5°	40.5	40.7	40.9	40.9	40.9	40.7	40.5	40.1	39.6	39.0	38.0
80°	61.5	61.9	62.9	63.7	62.9	61.9	61.5	60.9	60.2	59.2	57.8
77.5°	83.5	84.4	84.8	84.9	84.8	84.4	83.5	82.4	81.1	79.8	78.6
75°	106.4	107.1	109.0	110.7	109.0	107.1	106.4	105.4	104.1	102.6	100.9
72.5°	130.4	131.2	132.5	133.4	132.5	131.2	130.4	129.2	127.7	125.9	123.8
70°	153.0	153.9	154.4	154.6	154.4	153.9	153.0	151.7	150.1	148.2	145.9
67.5°	174.6	175.2	175.0	174.3	175.0	175.2	174.6	173.6	172.1	169.9	167.1
65°	194.3	194.9	194.7	194.1	194.7	194.9	194.3	193.3	191.9	189.9	187.1
62.5°	212.5	213.1	213.6	213.8	213.6	213.1	212.5	211.4	210.0	207.8	205.0
60°	229.5	231.0	231.8	232.0	231.8	231.0	229.5	227.7	225.7	223.1	220.2
57.5°	238.0	238.9	239.4	239.5	239.4	238.9	238.0	236.8	235.4	233.9	231.8
55°	243.9	244.0	243.5	242.6	243.5	244.0	243.9	243.5	242.7	241.7	240.3
52.5°	249.8	248.9	248.5	248.6	248.5	248.9	249.8	250.2	250.4	250.1	248.9
50°	259.6	258.2	257.5	257.7	257.5	258.2	259.6	260.4	261.1	261.6	260.9
47.5°	275.9	276.4	277.0	277.4	277.0	276.4	275.9	275.0	275.6	277.0	277.3
45°	299.2	301.3	302.6	303.2	302.6	301.3	299.2	296.1	295.0	294.9	294.8
42.5°	331.8	334.4	335.4	335.0	335.4	334.4	331.8	327.3	322.8	317.4	313.0
40°	371.0	376.1	379.0	379.0	379.0	376.1	371.0	364.6	358.5	350.5	341.6
37.5°	419.8	426.7	430.1	429.0	430.1	426.7	419.8	410.9	401.0	387.7	376.1
35°	481.4	488.2	491.0	494.2	491.0	488.2	481.4	470.8	456.8	439.8	420.7
32.5°	579.5	593.3	598.8	591.3	598.8	593.3	579.5	557.4	529.4	501.4	474.5
30°	787.9	838.2	871.8	888.4	871.8	838.2	787.9	731.1	647.2	592.6	544.7
27.5°	1408.5	1540.2	1595.9	1626.7	1595.9	1540.2	1408.5	1209.4	920.2	812.5	668.5
25°	2603.8	2885.0	3046.8	3033.6	3046.8	2885.0	2603.8	2216.9	1765.1	1374.0	956.2
22.5°	4363.9	4807.4	5073.5	5171.3	5073.5	4807.4	4363.9	3715.7	3018.0	2333.0	1687.6
20°	6545.8	7043.2	7303.3	7342.2	7303.3	7043.2	6545.8	5737.2	4768.4	3648.2	2731.1
17.5°	9050.0	9521.6	9795.6	9792.2	9795.6	9521.6	9050.0	8098.3	6889.1	5448.9	4029.8
15°	12916.1	14741.1	15770.2	15619.9	15770.2	14741.1	12916.1	10800.9	9247.8	7427.1	5492.2
12.5°	21163.9	28453.3	32974.8	34091.5	32974.8	28453.3	21163.9	15809.1	11859.0	9364.3	7043.0
10°	37399.4	48304.8	57014.1	59530.9	57014.1	48304.8	37399.4	25493.0	16155.6	11160.7	8345.5
7.5°	53796.5	66739.5	72066.1	72685.0	72066.1	66739.5	53796.5	37796.0	22083.4	13691.7	9459.2
5°	66173.1	79343.1	80867.4	77038.3	80867.4	79343.1	66173.1	48249.0	29329.5	16273.9	10192.6
2.5°	74342.8	84292.8	85713.9	83652.8	85713.9	84292.8	74342.8	55687.4	33520.8	18007.6	10686.1
0°	76205.9	82976.7	84995.2	85215.9	84995.2	82976.7	76205.9	58337.8	35157.3	18602.0	10818.6
-2.5°	74342.8	84292.8	85713.9	83652.8	85713.9	84292.8	74342.8	55687.4	33520.8	18007.6	10686.1
-5°	66173.1	79343.1	80867.4	77038.3	80867.4	79343.1	66173.1	48249.0	29329.5	16273.9	10192.6
-7.5°	53796.5	66739.5	72066.1	72685.0	72066.1	66739.5	53796.5	37796.0	22083.4	13691.7	9459.2
-10°	37399.4	48304.8	57014.1	59530.9	57014.1	48304.8	37399.4	25493.0	16155.6	11160.7	8345.5
-12.5°	21163.9	28453.3	32974.8	34091.5	32974.8	28453.3	21163.9	15809.1	11859.0	9364.3	7043.0
-15°	12916.1	14741.1	15770.2	15619.9	15770.2	14741.1	12916.1	10800.9	9247.8	7427.1	5492.2
-17.5°	9050.0	9521.6	9795.6	9792.2	9795.6	9521.6	9050.0	8098.3	6889.1	5448.9	4029.8
-20°	6545.8	7043.2	7303.3	7342.2	7303.3	7043.2	6545.8	5737.2	4768.4	3648.2	2731.1



REPORT NUMBER: P558855 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4363.9	4807.4	5073.5	5171.3	5073.5	4807.4	4363.9	3715.7	3018.0	2333.0	1687.6
-25°	2603.8	2885.0	3046.8	3033.6	3046.8	2885.0	2603.8	2216.9	1765.1	1374.0	956.2
-27.5°	1408.5	1540.2	1595.9	1626.7	1595.9	1540.2	1408.5	1209.4	920.2	812.5	668.5
-30°	787.9	838.2	871.8	888.4	871.8	838.2	787.9	731.1	647.2	592.6	544.7
-32.5°	579.5	593.3	598.8	591.3	598.8	593.3	579.5	557.4	529.4	501.4	474.5
-35°	481.4	488.2	491.0	494.2	491.0	488.2	481.4	470.8	456.8	439.8	420.7
-37.5°	419.8	426.7	430.1	429.0	430.1	426.7	419.8	410.9	401.0	387.7	376.1
-40°	371.0	376.1	379.0	379.0	379.0	376.1	371.0	364.6	358.5	350.5	341.6
-42.5°	331.8	334.4	335.4	335.0	335.4	334.4	331.8	327.3	322.8	317.4	313.0
-45°	299.2	301.3	302.6	303.2	302.6	301.3	299.2	296.1	295.0	294.9	294.8
-47.5°	275.9	276.4	277.0	277.4	277.0	276.4	275.9	275.0	275.6	277.0	277.3
-50°	259.6	258.2	257.5	257.7	257.5	258.2	259.6	260.4	261.1	261.6	260.9
-52.5°	249.8	248.9	248.5	248.6	248.5	248.9	249.8	250.2	250.4	250.1	248.9
-55°	243.9	244.0	243.5	242.6	243.5	244.0	243.9	243.5	242.7	241.7	240.3
-57.5°	238.0	238.9	239.4	239.5	239.4	238.9	238.0	236.8	235.4	233.9	231.8
-60°	229.5	231.0	231.8	232.0	231.8	231.0	229.5	227.7	225.7	223.1	220.2
-62.5°	212.5	213.1	213.6	213.8	213.6	213.1	212.5	211.4	210.0	207.8	205.0
-65°	194.3	194.9	194.7	194.1	194.7	194.9	194.3	193.3	191.9	189.9	187.1
-67.5°	174.6	175.2	175.0	174.3	175.0	175.2	174.6	173.6	172.1	169.9	167.1
-70°	153.0	153.9	154.4	154.6	154.4	153.9	153.0	151.7	150.1	148.2	145.9
-72.5°	130.4	131.2	132.5	133.4	132.5	131.2	130.4	129.2	127.7	125.9	123.8
-75°	106.4	107.1	109.0	110.7	109.0	107.1	106.4	105.4	104.1	102.6	100.9
-77.5°	83.5	84.4	84.8	84.9	84.8	84.4	83.5	82.4	81.1	79.8	78.6
-80°	61.5	61.9	62.9	63.7	62.9	61.9	61.5	60.9	60.2	59.2	57.8
-82.5°	40.5	40.7	40.9	40.9	40.9	40.7	40.5	40.1	39.6	39.0	38.0
-85°	23.6	24.2	23.5	22.7	23.5	24.2	23.6	23.1	22.4	21.8	21.4
-87.5°	9.0	9.1	9.1	9.1	9.1	9.1	9.0	9.0	8.9	8.8	8.3
-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: P558855 (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°
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°	7.8	7.4	6.9	7.1	7.2	7.4	7.5	7.2	7.0	6.7	6.4
85°	21.0	20.5	19.9	19.4	18.9	18.3	17.8	16.8	15.9	15.0	14.1
82.5°	37.0	35.8	34.7	33.7	32.7	31.5	30.3	28.9	27.3	25.5	23.6
80°	56.2	54.4	52.6	51.2	49.5	47.7	45.6	43.6	41.5	39.5	37.4
77.5°	77.2	75.5	73.4	71.3	69.0	66.7	64.1	61.2	58.2	55.1	52.0
75°	99.0	96.9	94.6	92.1	89.2	85.9	82.5	79.0	75.2	71.3	67.2
72.5°	121.3	118.6	115.6	112.6	109.5	106.0	102.1	97.9	93.2	88.1	83.1
70°	143.2	140.3	137.0	133.4	129.4	125.2	121.0	116.6	111.9	106.5	100.3
67.5°	164.0	160.6	157.1	153.2	148.7	144.0	139.2	134.2	128.9	123.3	116.8
65°	183.8	180.0	176.4	172.4	167.8	162.6	157.3	151.7	145.7	139.4	132.4
62.5°	202.0	198.8	194.9	190.4	185.7	180.7	174.9	168.6	162.1	155.3	147.6
60°	217.1	213.9	210.1	206.0	201.5	196.6	190.6	184.3	177.6	170.0	162.2
57.5°	229.2	226.1	222.7	219.0	215.1	210.1	204.5	198.6	191.6	184.0	176.0
55°	238.4	236.1	233.4	230.1	226.2	221.6	216.7	210.9	204.2	197.2	188.6
52.5°	246.7	244.7	242.4	239.9	236.1	231.5	226.9	221.3	215.4	208.2	200.4
50°	258.9	254.8	251.0	247.6	244.2	240.1	235.2	230.2	224.7	218.1	210.7
47.5°	274.2	267.7	261.3	256.3	252.0	247.5	242.8	237.8	232.6	226.7	219.4
45°	290.1	282.5	274.2	267.3	260.7	255.4	250.3	245.2	240.0	234.1	227.4
42.5°	307.1	299.0	289.7	280.6	271.7	264.5	258.0	252.7	246.9	241.1	234.3
40°	330.9	318.4	308.5	296.7	285.7	274.9	267.6	260.4	254.1	247.5	240.8
37.5°	362.4	347.8	332.4	317.1	302.9	289.2	278.9	270.0	261.6	254.3	246.8
35°	398.9	380.1	360.5	341.5	323.8	307.1	292.4	280.8	271.0	261.8	253.1
32.5°	446.7	419.6	393.7	369.8	346.3	325.9	308.2	293.1	281.1	270.6	260.3
30°	499.0	463.9	430.1	402.1	373.5	347.5	324.0	306.2	292.1	280.1	267.9
27.5°	584.0	516.2	473.0	434.5	401.6	371.3	343.3	317.9	302.3	289.5	276.3
25°	768.6	606.5	527.5	475.7	433.1	394.1	362.1	333.1	311.5	297.5	280.9
22.5°	1122.0	813.1	609.7	519.8	467.8	421.2	381.3	348.6	318.7	301.0	283.9
20°	1822.3	1129.0	781.0	592.8	506.0	447.6	400.6	363.7	330.5	305.0	286.1
17.5°	2768.7	1743.2	997.5	687.5	556.9	480.5	422.3	377.6	341.2	309.4	287.3
15°	3782.6	2440.7	1451.4	866.0	610.7	508.4	440.2	390.3	351.1	316.0	290.5
12.5°	4939.3	3170.7	1870.0	1010.8	673.9	539.4	460.0	404.3	360.9	323.8	295.6
10°	5975.1	3908.5	2352.7	1311.6	779.9	570.5	478.3	416.8	370.1	330.3	299.6
7.5°	6819.6	4604.5	2789.6	1535.7	859.6	595.2	493.6	427.2	377.6	335.0	302.4
5°	7359.4	5117.9	3137.6	1703.4	915.0	611.6	504.1	435.0	383.3	338.0	304.2
2.5°	7741.8	5457.8	3357.7	1801.2	944.5	620.5	511.5	439.7	387.5	341.6	307.2
0°	7760.7	5573.0	3432.3	1886.0	950.6	623.1	517.0	441.2	389.6	344.1	309.3
-2.5°	7741.8	5457.8	3357.7	1801.2	944.5	620.5	511.5	439.7	387.5	341.6	307.2
-5°	7359.4	5117.9	3137.6	1703.4	915.0	611.6	504.1	435.0	383.3	338.0	304.2
-7.5°	6819.6	4604.5	2789.6	1535.7	859.6	595.2	493.6	427.2	377.6	335.0	302.4
-10°	5975.1	3908.5	2352.7	1311.6	779.9	570.5	478.3	416.8	370.1	330.3	299.6
-12.5°	4939.3	3170.7	1870.0	1010.8	673.9	539.4	460.0	404.3	360.9	323.8	295.6
-15°	3782.6	2440.7	1451.4	866.0	610.7	508.4	440.2	390.3	351.1	316.0	290.5
-17.5°	2768.7	1743.2	997.5	687.5	556.9	480.5	422.3	377.6	341.2	309.4	287.3
-20°	1822.3	1129.0	781.0	592.8	506.0	447.6	400.6	363.7	330.5	305.0	286.1



REPORT NUMBER: P558855 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1122.0	813.1	609.7	519.8	467.8	421.2	381.3	348.6	318.7	301.0	283.9
-25°	768.6	606.5	527.5	475.7	433.1	394.1	362.1	333.1	311.5	297.5	280.9
-27.5°	584.0	516.2	473.0	434.5	401.6	371.3	343.3	317.9	302.3	289.5	276.3
-30°	499.0	463.9	430.1	402.1	373.5	347.5	324.0	306.2	292.1	280.1	267.9
-32.5°	446.7	419.6	393.7	369.8	346.3	325.9	308.2	293.1	281.1	270.6	260.3
-35°	398.9	380.1	360.5	341.5	323.8	307.1	292.4	280.8	271.0	261.8	253.1
-37.5°	362.4	347.8	332.4	317.1	302.9	289.2	278.9	270.0	261.6	254.3	246.8
-40°	330.9	318.4	308.5	296.7	285.7	274.9	267.6	260.4	254.1	247.5	240.8
-42.5°	307.1	299.0	289.7	280.6	271.7	264.5	258.0	252.7	246.9	241.1	234.3
-45°	290.1	282.5	274.2	267.3	260.7	255.4	250.3	245.2	240.0	234.1	227.4
-47.5°	274.2	267.7	261.3	256.3	252.0	247.5	242.8	237.8	232.6	226.7	219.4
-50°	258.9	254.8	251.0	247.6	244.2	240.1	235.2	230.2	224.7	218.1	210.7
-52.5°	246.7	244.7	242.4	239.9	236.1	231.5	226.9	221.3	215.4	208.2	200.4
-55°	238.4	236.1	233.4	230.1	226.2	221.6	216.7	210.9	204.2	197.2	188.6
-57.5°	229.2	226.1	222.7	219.0	215.1	210.1	204.5	198.6	191.6	184.0	176.0
-60°	217.1	213.9	210.1	206.0	201.5	196.6	190.6	184.3	177.6	170.0	162.2
-62.5°	202.0	198.8	194.9	190.4	185.7	180.7	174.9	168.6	162.1	155.3	147.6
-65°	183.8	180.0	176.4	172.4	167.8	162.6	157.3	151.7	145.7	139.4	132.4
-67.5°	164.0	160.6	157.1	153.2	148.7	144.0	139.2	134.2	128.9	123.3	116.8
-70°	143.2	140.3	137.0	133.4	129.4	125.2	121.0	116.6	111.9	106.5	100.3
-72.5°	121.3	118.6	115.6	112.6	109.5	106.0	102.1	97.9	93.2	88.1	83.1
-75°	99.0	96.9	94.6	92.1	89.2	85.9	82.5	79.0	75.2	71.3	67.2
-77.5°	77.2	75.5	73.4	71.3	69.0	66.7	64.1	61.2	58.2	55.1	52.0
-80°	56.2	54.4	52.6	51.2	49.5	47.7	45.6	43.6	41.5	39.5	37.4
-82.5°	37.0	35.8	34.7	33.7	32.7	31.5	30.3	28.9	27.3	25.5	23.6
-85°	21.0	20.5	19.9	19.4	18.9	18.3	17.8	16.8	15.9	15.0	14.1
-87.5°	7.8	7.4	6.9	7.1	7.2	7.4	7.5	7.2	7.0	6.7	6.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558855 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-930-U-NR-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°	6.1	5.8	5.5	5.2	4.9	4.5	4.2	3.8	3.5	3.1	2.7
85°	13.5	12.8	12.0	11.1	10.1	9.1	8.4	7.7	7.0	6.2	5.5
82.5°	22.1	21.0	20.0	18.9	17.6	16.3	14.8	13.1	11.2	9.4	8.2
80°	35.0	32.7	30.3	28.0	25.7	23.5	21.6	19.5	16.8	14.3	11.9
77.5°	48.6	45.1	41.5	38.2	35.1	32.0	29.0	25.9	22.4	19.1	16.0
75°	62.9	58.6	54.2	49.7	45.1	40.5	36.6	32.7	28.5	23.9	20.0
72.5°	78.2	73.0	67.5	61.6	56.2	50.7	45.0	39.6	34.8	29.7	24.3
70°	94.0	87.8	81.6	74.8	67.8	60.9	54.4	47.8	41.1	35.4	29.4
67.5°	109.8	102.4	95.2	87.7	79.8	71.8	63.8	56.3	48.7	41.1	34.5
65°	124.8	116.8	108.3	99.9	91.3	82.5	73.6	64.8	56.3	47.8	39.5
62.5°	139.6	131.2	121.9	112.1	102.5	92.9	83.2	73.6	63.8	54.4	45.0
60°	153.9	144.8	135.0	124.4	113.7	103.1	92.6	82.2	71.6	60.9	50.7
57.5°	167.1	157.9	147.3	136.2	124.7	113.1	101.8	90.6	79.1	67.6	56.2
55°	179.8	169.9	159.0	147.4	135.3	122.9	110.9	98.8	86.5	74.1	61.6
52.5°	191.5	181.2	169.9	158.1	145.4	132.5	119.9	106.8	93.7	80.5	67.2
50°	202.0	191.7	180.2	168.0	155.1	141.8	128.7	114.8	100.7	86.7	72.7
47.5°	211.3	201.2	189.8	177.4	164.0	150.8	137.0	122.7	107.4	92.7	78.0
45°	219.2	209.9	198.6	186.0	173.0	159.2	144.8	130.3	114.3	98.6	83.2
42.5°	226.7	217.5	206.7	194.3	181.3	167.3	152.3	137.2	121.0	104.2	88.2
40°	233.0	224.5	214.2	202.1	189.3	175.2	159.5	143.6	127.5	109.7	92.9
37.5°	239.1	230.6	220.6	209.9	197.0	182.4	166.4	149.6	133.4	115.1	97.4
35°	244.7	236.0	227.2	216.7	204.0	189.3	173.2	155.4	138.4	120.2	101.6
32.5°	250.2	241.2	232.4	222.5	210.8	195.9	179.3	161.0	143.2	124.9	105.7
30°	256.4	245.8	237.0	227.9	216.9	201.9	184.9	166.2	147.6	129.4	109.5
27.5°	261.4	249.5	241.1	232.1	221.5	207.5	189.7	170.8	151.8	133.3	113.0
25°	265.5	253.2	244.1	235.7	225.7	212.0	194.1	174.9	155.6	136.6	116.3
22.5°	268.7	256.3	246.5	239.0	229.6	216.1	198.0	178.5	159.0	139.7	119.3
20°	270.6	258.5	248.3	241.7	232.9	219.1	201.3	181.7	162.0	142.5	122.0
17.5°	271.2	260.1	250.5	243.4	235.4	222.1	204.2	184.5	164.5	144.9	124.3
15°	273.7	261.7	252.2	244.9	237.5	225.1	206.6	186.9	166.7	147.1	126.3
12.5°	276.4	262.9	253.3	246.1	239.3	227.9	208.7	188.9	168.4	148.9	128.0
10°	278.7	263.7	253.9	247.1	240.6	230.5	210.3	190.6	170.2	150.4	129.4
7.5°	280.6	264.1	254.1	247.8	241.7	232.6	211.8	191.8	171.7	151.6	130.5
5°	282.0	264.3	254.0	248.3	242.7	233.9	212.9	192.4	172.9	152.4	131.3
2.5°	283.1	264.2	253.7	248.5	243.5	234.7	213.6	192.7	173.8	152.9	131.7
0°	283.5	263.8	253.2	248.6	244.1	235.0	213.8	192.5	174.3	153.1	131.9
-2.5°	283.1	264.2	253.7	248.5	243.5	234.7	213.6	192.7	173.8	152.9	131.7
-5°	282.0	264.3	254.0	248.3	242.7	233.9	212.9	192.4	172.9	152.4	131.3
-7.5°	280.6	264.1	254.1	247.8	241.7	232.6	211.8	191.8	171.7	151.6	130.5
-10°	278.7	263.7	253.9	247.1	240.6	230.5	210.3	190.6	170.2	150.4	129.4
-12.5°	276.4	262.9	253.3	246.1	239.3	227.9	208.7	188.9	168.4	148.9	128.0
-15°	273.7	261.7	252.2	244.9	237.5	225.1	206.6	186.9	166.7	147.1	126.3
-17.5°	271.2	260.1	250.5	243.4	235.4	222.1	204.2	184.5	164.5	144.9	124.3
-20°	270.6	258.5	248.3	241.7	232.9	219.1	201.3	181.7	162.0	142.5	122.0



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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°	268.7	256.3	246.5	239.0	229.6	216.1	198.0	178.5	159.0	139.7	119.3
-25°	265.5	253.2	244.1	235.7	225.7	212.0	194.1	174.9	155.6	136.6	116.3
-27.5°	261.4	249.5	241.1	232.1	221.5	207.5	189.7	170.8	151.8	133.3	113.0
-30°	256.4	245.8	237.0	227.9	216.9	201.9	184.9	166.2	147.6	129.4	109.5
-32.5°	250.2	241.2	232.4	222.5	210.8	195.9	179.3	161.0	143.2	124.9	105.7
-35°	244.7	236.0	227.2	216.7	204.0	189.3	173.2	155.4	138.4	120.2	101.6
-37.5°	239.1	230.6	220.6	209.9	197.0	182.4	166.4	149.6	133.4	115.1	97.4
-40°	233.0	224.5	214.2	202.1	189.3	175.2	159.5	143.6	127.5	109.7	92.9
-42.5°	226.7	217.5	206.7	194.3	181.3	167.3	152.3	137.2	121.0	104.2	88.2
-45°	219.2	209.9	198.6	186.0	173.0	159.2	144.8	130.3	114.3	98.6	83.2
-47.5°	211.3	201.2	189.8	177.4	164.0	150.8	137.0	122.7	107.4	92.7	78.0
-50°	202.0	191.7	180.2	168.0	155.1	141.8	128.7	114.8	100.7	86.7	72.7
-52.5°	191.5	181.2	169.9	158.1	145.4	132.5	119.9	106.8	93.7	80.5	67.2
-55°	179.8	169.9	159.0	147.4	135.3	122.9	110.9	98.8	86.5	74.1	61.6
-57.5°	167.1	157.9	147.3	136.2	124.7	113.1	101.8	90.6	79.1	67.6	56.2
-60°	153.9	144.8	135.0	124.4	113.7	103.1	92.6	82.2	71.6	60.9	50.7
-62.5°	139.6	131.2	121.9	112.1	102.5	92.9	83.2	73.6	63.8	54.4	45.0
-65°	124.8	116.8	108.3	99.9	91.3	82.5	73.6	64.8	56.3	47.8	39.5
-67.5°	109.8	102.4	95.2	87.7	79.8	71.8	63.8	56.3	48.7	41.1	34.5
-70°	94.0	87.8	81.6	74.8	67.8	60.9	54.4	47.8	41.1	35.4	29.4
-72.5°	78.2	73.0	67.5	61.6	56.2	50.7	45.0	39.6	34.8	29.7	24.3
-75°	62.9	58.6	54.2	49.7	45.1	40.5	36.6	32.7	28.5	23.9	20.0
-77.5°	48.6	45.1	41.5	38.2	35.1	32.0	29.0	25.9	22.4	19.1	16.0
-80°	35.0	32.7	30.3	28.0	25.7	23.5	21.6	19.5	16.8	14.3	11.9
-82.5°	22.1	21.0	20.0	18.9	17.6	16.3	14.8	13.1	11.2	9.4	8.2
-85°	13.5	12.8	12.0	11.1	10.1	9.1	8.4	7.7	7.0	6.2	5.5
-87.5°	6.1	5.8	5.5	5.2	4.9	4.5	4.2	3.8	3.5	3.1	2.7
-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	2.0	1.6	1.2	0.8	0.4	0.0
85°	4.7	3.9	3.2	2.4	1.6	0.8	0.0
82.5°	7.0	5.9	4.7	3.6	2.4	1.2	0.0
80°	9.5	7.8	6.3	4.7	3.2	1.6	0.0
77.5°	13.0	10.1	7.8	5.9	3.9	2.0	0.0
75°	16.4	13.1	9.5	7.0	4.7	2.4	0.0
72.5°	19.9	16.0	12.0	8.2	5.5	2.7	0.0
70°	23.4	19.0	14.3	9.4	6.2	3.1	0.0
67.5°	27.8	21.8	16.7	11.3	7.0	3.5	0.0
65°	32.1	25.0	19.0	13.0	7.7	3.8	0.0
62.5°	36.3	28.5	21.3	14.8	8.4	4.2	0.0
60°	40.4	31.9	23.6	16.5	9.1	4.5	0.0
57.5°	45.1	35.1	26.2	18.2	10.2	4.9	0.0
55°	49.7	38.3	28.7	19.9	11.3	5.2	0.0
52.5°	54.2	41.5	31.1	21.5	12.4	5.5	0.0
50°	58.6	45.1	33.5	23.0	13.4	5.8	0.0
47.5°	62.9	48.6	35.7	24.6	14.4	6.1	0.0
45°	67.3	52.0	37.9	26.2	15.4	6.4	0.0
42.5°	71.6	55.2	39.9	27.8	16.3	6.7	0.0
40°	75.7	58.3	42.1	29.2	17.2	7.0	0.0
37.5°	79.6	61.2	44.5	30.6	18.0	7.2	0.0
35°	83.4	64.2	46.7	31.9	18.8	7.5	0.0
32.5°	86.9	67.2	48.8	33.1	19.5	7.7	0.0
30°	90.1	69.9	50.7	34.2	20.2	7.9	0.0
27.5°	93.1	72.5	52.5	35.2	20.9	8.1	0.0
25°	95.9	74.9	54.3	36.2	21.4	8.2	0.0
22.5°	98.4	77.1	55.9	37.1	22.0	8.4	0.0
20°	100.7	79.1	57.4	37.9	22.5	8.6	0.0
17.5°	102.7	80.8	58.7	38.6	22.9	8.7	0.0
15°	104.4	82.3	59.9	39.2	23.3	8.8	0.0
12.5°	105.9	83.6	60.9	39.7	23.6	8.9	0.0
10°	107.1	84.6	61.8	40.1	23.8	9.0	0.0
7.5°	108.0	85.4	62.5	40.5	24.0	9.0	0.0
5°	108.7	86.0	63.1	40.7	24.2	9.1	0.0
2.5°	109.1	86.3	63.5	40.9	24.3	9.1	0.0
0°	109.2	86.4	63.7	40.9	24.3	9.1	0.0
-2.5°	109.1	86.3	63.5	40.9	24.3	9.1	0.0
-5°	108.7	86.0	63.1	40.7	24.2	9.1	0.0
-7.5°	108.0	85.4	62.5	40.5	24.0	9.0	0.0
-10°	107.1	84.6	61.8	40.1	23.8	9.0	0.0
-12.5°	105.9	83.6	60.9	39.7	23.6	8.9	0.0
-15°	104.4	82.3	59.9	39.2	23.3	8.8	0.0
-17.5°	102.7	80.8	58.7	38.6	22.9	8.7	0.0
-20°	100.7	79.1	57.4	37.9	22.5	8.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	98.4	77.1	55.9	37.1	22.0	8.4	0.0
-25°	95.9	74.9	54.3	36.2	21.4	8.2	0.0
-27.5°	93.1	72.5	52.5	35.2	20.9	8.1	0.0
-30°	90.1	69.9	50.7	34.2	20.2	7.9	0.0
-32.5°	86.9	67.2	48.8	33.1	19.5	7.7	0.0
-35°	83.4	64.2	46.7	31.9	18.8	7.5	0.0
-37.5°	79.6	61.2	44.5	30.6	18.0	7.2	0.0
-40°	75.7	58.3	42.1	29.2	17.2	7.0	0.0
-42.5°	71.6	55.2	39.9	27.8	16.3	6.7	0.0
-45°	67.3	52.0	37.9	26.2	15.4	6.4	0.0
-47.5°	62.9	48.6	35.7	24.6	14.4	6.1	0.0
-50°	58.6	45.1	33.5	23.0	13.4	5.8	0.0
-52.5°	54.2	41.5	31.1	21.5	12.4	5.5	0.0
-55°	49.7	38.3	28.7	19.9	11.3	5.2	0.0
-57.5°	45.1	35.1	26.2	18.2	10.2	4.9	0.0
-60°	40.4	31.9	23.6	16.5	9.1	4.5	0.0
-62.5°	36.3	28.5	21.3	14.8	8.4	4.2	0.0
-65°	32.1	25.0	19.0	13.0	7.7	3.8	0.0
-67.5°	27.8	21.8	16.7	11.3	7.0	3.5	0.0
-70°	23.4	19.0	14.3	9.4	6.2	3.1	0.0
-72.5°	19.9	16.0	12.0	8.2	5.5	2.7	0.0
-75°	16.4	13.1	9.5	7.0	4.7	2.4	0.0
-77.5°	13.0	10.1	7.8	5.9	3.9	2.0	0.0
-80°	9.5	7.8	6.3	4.7	3.2	1.6	0.0
-82.5°	7.0	5.9	4.7	3.6	2.4	1.2	0.0
-85°	4.7	3.9	3.2	2.4	1.6	0.8	0.0
-87.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)