

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: P558839 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-940-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558839 (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-SA3D-940-U-NR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3
Light Source: (48) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

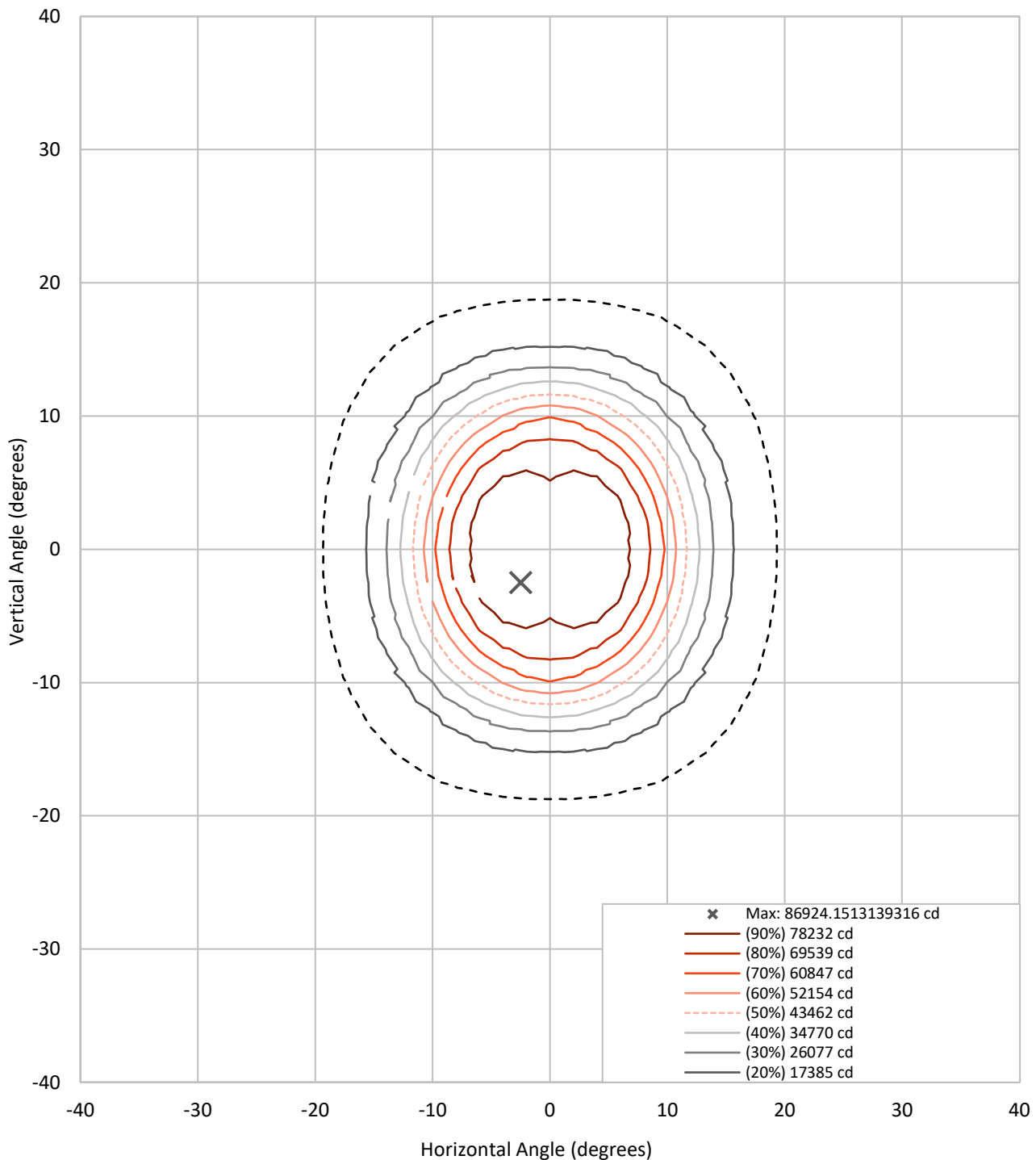
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	16437.3 lumens	Max Intensity:	86924.2 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	104.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	8873.9 lumens	Field Lumens:	13382.4 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

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



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Iso-Candela Plot





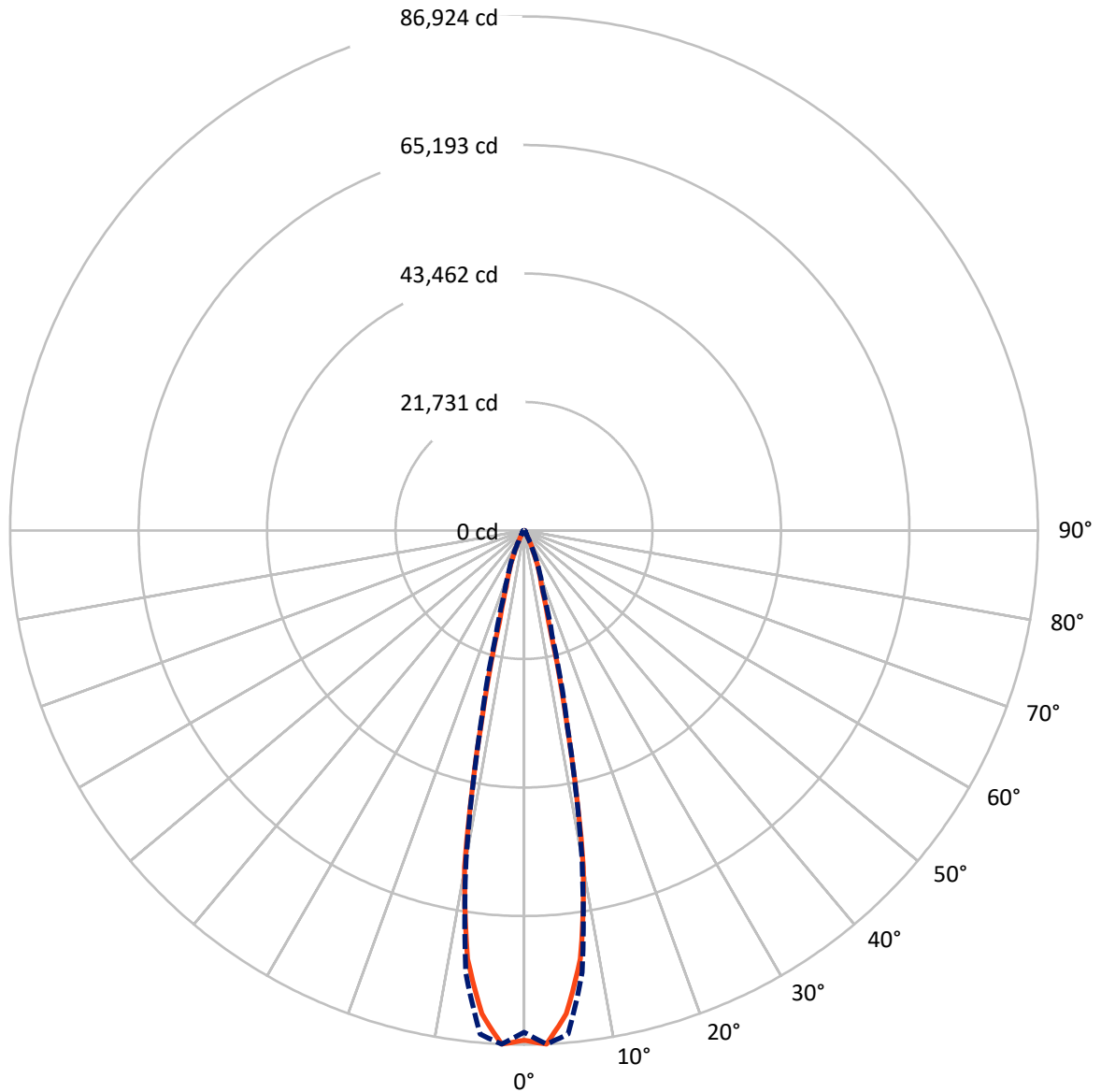
REPORT NUMBER: P558839 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90	0.2		1.7		4.4		7.1		8.2		7.1		4.4		1.7		0.2	
80	0.2		1.7		4.4		7.1		8.2		7.1		4.4		1.7		0.2	
70	0.8		0.9	1.8	2.9	4.0	4.9	5.6	5.9	5.9	5.6	4.9	4.0	2.9	1.8	0.9	0.8	
60	0.8		1.3	2.6	4.1	5.4	6.5	7.2	7.5	7.5	7.2	6.5	5.4	4.1	2.6	1.3	0.8	
50	1.4		1.7	3.3	4.9	6.3	7.7	8.9	9.4	9.4	8.9	7.7	6.3	4.9	3.3	1.7	1.4	
40	1.4		2.0	3.8	5.5	7.5	10.2	13.4	16.1	16.1	13.4	10.2	7.5	5.5	3.8	2.0	1.4	
30	1.8		2.3	4.2	6.1	9.3	16.8	50.5	98.4	98.4	50.5	16.8	9.3	6.1	4.2	2.3	1.8	
20	1.8		2.5	4.3	6.5	11.6	49.9	230.1	591.8	591.8	230.1	49.9	11.6	6.5	4.3	2.5	1.8	
10	2.0		2.5	4.4	6.8	13.9	97.1	599.2	2117.1	2117.1	599.2	97.1	13.9	6.8	4.4	2.5	2.0	
0	2.0		2.5	4.4	6.8	13.9	97.1	599.2	2117.1	2117.1	599.2	97.1	13.9	6.8	4.4	2.5	2.0	
-10	1.8		2.5	4.3	6.5	11.6	49.9	230.1	591.8	591.8	230.1	49.9	11.6	6.5	4.3	2.5	1.8	
-20	1.8		2.3	4.2	6.1	9.3	16.8	50.5	98.4	98.4	50.5	16.8	9.3	6.1	4.2	2.3	1.8	
-30	1.4		2.0	3.8	5.5	7.5	10.2	13.4	16.1	16.1	13.4	10.2	7.5	5.5	3.8	2.0	1.4	
-40	1.4		1.7	3.3	4.9	6.3	7.7	8.9	9.4	9.4	8.9	7.7	6.3	4.9	3.3	1.7	1.4	
-50	0.8		1.3	2.6	4.1	5.4	6.5	7.2	7.5	7.5	7.2	6.5	5.4	4.1	2.6	1.3	0.8	
-60	0.8		0.9	1.8	2.9	4.0	4.9	5.6	5.9	5.9	5.6	4.9	4.0	2.9	1.8	0.9	0.8	
-70	0.2		1.7		4.4		7.1		8.2		7.1		4.4		1.7		0.2	
-80	0.2		1.7		4.4		7.1		8.2		7.1		4.4		1.7		0.2	
-90	0.2		1.7		4.4		7.1		8.2		7.1		4.4		1.7		0.2	

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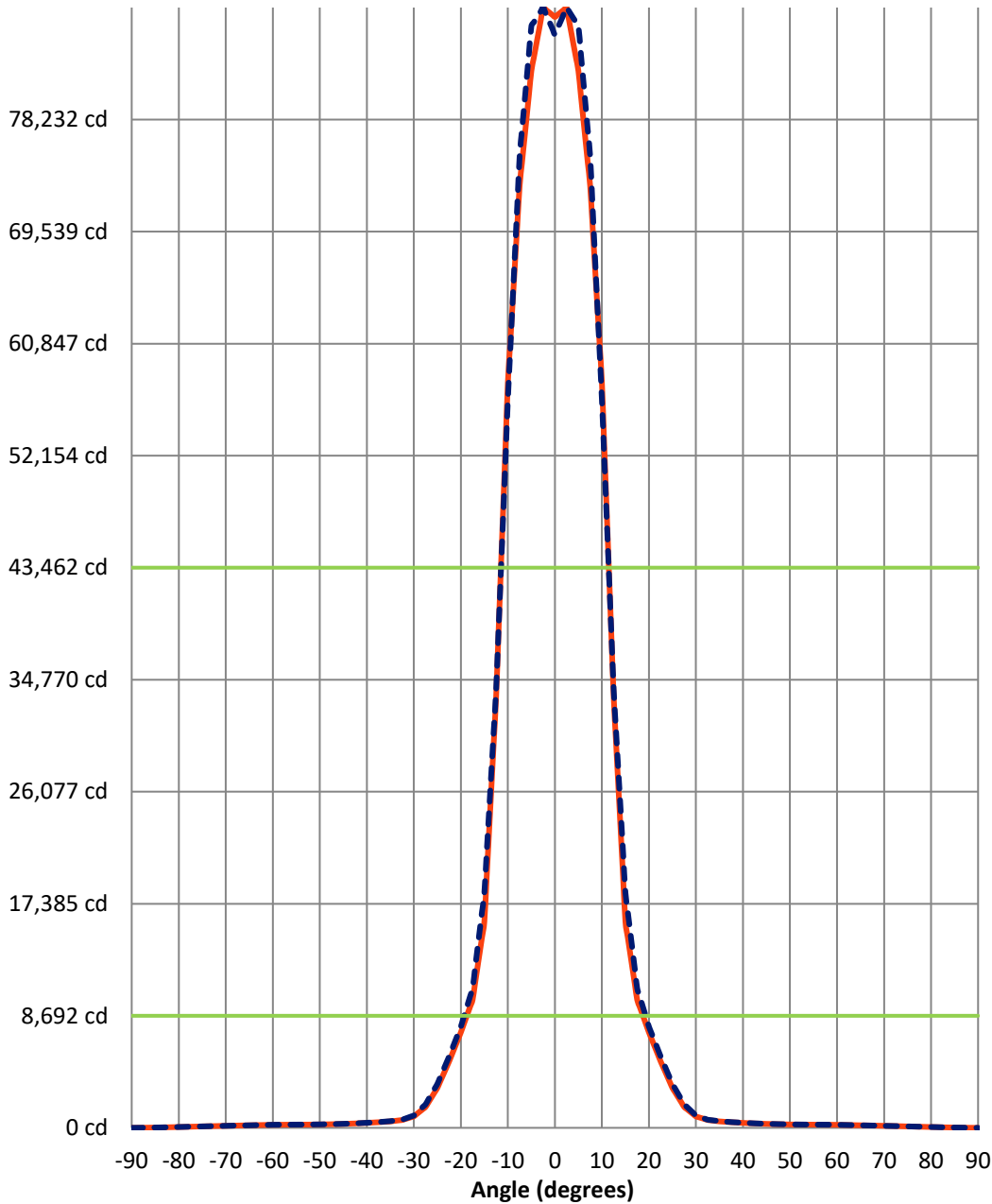
Luminous Intensity Polar Plot



— 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: 8873.9
Efficiency: 54.0%

Field:
H Angle: 38.6°
V Angle: 37.5°
Lumens: 13382.4
Efficiency: 81.4%

Spill:
Lumens: 3054.9
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	2.8	3.1	3.5	3.9
85°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.5	6.3	7.0	7.8
82.5°	0.0	1.2	2.4	3.6	4.8	6.0	7.1	8.3	9.5	11.4	13.3
80°	0.0	1.6	3.2	4.8	6.4	7.9	9.6	12.0	14.5	17.1	19.7
77.5°	0.0	2.0	4.0	6.0	7.9	10.3	13.2	16.2	19.4	22.7	26.2
75°	0.0	2.4	4.8	7.1	9.6	13.3	16.7	20.3	24.3	28.9	33.2
72.5°	0.0	2.8	5.5	8.3	12.1	16.3	20.2	24.7	30.1	35.3	40.1
70°	0.0	3.1	6.3	9.6	14.5	19.2	23.8	29.9	35.9	41.7	48.5
67.5°	0.0	3.5	7.0	11.4	16.9	22.2	28.3	35.0	41.7	49.4	57.0
65°	0.0	3.9	7.8	13.2	19.3	25.4	32.6	40.0	48.5	57.0	65.7
62.5°	0.0	4.2	8.5	15.0	21.6	28.9	36.9	45.6	55.1	64.6	74.6
60°	0.0	4.6	9.2	16.7	23.9	32.3	41.0	51.4	61.7	72.5	83.3
57.5°	0.0	4.9	10.3	18.5	26.5	35.7	45.7	57.0	68.4	80.2	91.9
55°	0.0	5.3	11.5	20.1	29.1	38.9	50.4	62.4	75.1	87.8	100.2
52.5°	0.0	5.6	12.5	21.8	31.6	42.1	55.0	68.1	81.6	95.1	108.4
50°	0.0	5.9	13.6	23.3	33.9	45.8	59.4	73.7	87.9	102.2	116.5
47.5°	0.0	6.2	14.6	24.9	36.2	49.3	63.7	79.1	94.0	109.0	124.4
45°	0.0	6.5	15.6	26.6	38.4	52.7	68.2	84.4	100.0	116.0	132.2
42.5°	0.0	6.8	16.5	28.1	40.5	56.0	72.5	89.4	105.7	122.8	139.1
40°	0.0	7.0	17.4	29.6	42.7	59.1	76.7	94.2	111.3	129.3	145.6
37.5°	0.0	7.3	18.2	31.0	45.1	62.0	80.7	98.7	116.8	135.3	151.8
35°	0.0	7.5	19.0	32.3	47.3	65.1	84.5	103.1	121.9	140.4	157.6
32.5°	0.0	7.8	19.8	33.5	49.4	68.0	88.1	107.2	126.7	145.2	163.3
30°	0.0	8.0	20.5	34.7	51.4	70.8	91.4	111.0	131.2	149.7	168.5
27.5°	0.0	8.2	21.1	35.7	53.3	73.5	94.4	114.6	135.2	154.0	173.2
25°	0.0	8.3	21.7	36.7	55.0	75.9	97.2	118.0	138.6	157.8	177.3
22.5°	0.0	8.5	22.3	37.6	56.6	78.1	99.8	121.0	141.7	161.3	181.0
20°	0.0	8.6	22.7	38.4	58.1	80.1	102.1	123.7	144.5	164.3	184.3
17.5°	0.0	8.8	23.2	39.1	59.5	81.9	104.1	126.1	147.0	166.9	187.1
15°	0.0	8.9	23.5	39.8	60.7	83.4	105.9	128.1	149.2	169.1	189.6
12.5°	0.0	9.0	23.9	40.3	61.8	84.7	107.3	129.8	151.1	170.8	191.6
10°	0.0	9.1	24.1	40.7	62.7	85.8	108.5	131.3	152.6	172.6	193.2
7.5°	0.0	9.1	24.3	41.1	63.4	86.6	109.5	132.4	153.8	174.2	194.5
5°	0.0	9.2	24.5	41.3	64.0	87.1	110.2	133.2	154.6	175.4	195.2
2.5°	0.0	9.2	24.6	41.5	64.4	87.5	110.6	133.6	155.1	176.3	195.5
0°	0.0	9.2	24.6	41.5	64.6	87.6	110.7	133.8	155.3	176.8	195.3
-2.5°	0.0	9.2	24.6	41.5	64.6	87.6	110.7	133.8	155.3	176.8	195.3
-5°	0.0	9.2	24.5	41.3	64.0	87.1	110.2	133.2	154.6	175.4	195.2
-7.5°	0.0	9.1	24.3	41.1	63.4	86.6	109.5	132.4	153.8	174.2	194.5
-10°	0.0	9.1	24.1	40.7	62.7	85.8	108.5	131.3	152.6	172.6	193.2
-12.5°	0.0	9.0	23.9	40.3	61.8	84.7	107.3	129.8	151.1	170.8	191.6
-15°	0.0	8.9	23.5	39.8	60.7	83.4	105.9	128.1	149.2	169.1	189.6
-17.5°	0.0	8.8	23.2	39.1	59.5	81.9	104.1	126.1	147.0	166.9	187.1
-20°	0.0	8.6	22.7	38.4	58.1	80.1	102.1	123.7	144.5	164.3	184.3



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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	8.5	22.3	37.6	56.6	78.1	99.8	121.0	141.7	161.3	181.0
-25°	0.0	8.3	21.7	36.7	55.0	75.9	97.2	118.0	138.6	157.8	177.3
-27.5°	0.0	8.2	21.1	35.7	53.3	73.5	94.4	114.6	135.2	154.0	173.2
-30°	0.0	8.0	20.5	34.7	51.4	70.8	91.4	111.0	131.2	149.7	168.5
-32.5°	0.0	7.8	19.8	33.5	49.4	68.0	88.1	107.2	126.7	145.2	163.3
-35°	0.0	7.5	19.0	32.3	47.3	65.1	84.5	103.1	121.9	140.4	157.6
-37.5°	0.0	7.3	18.2	31.0	45.1	62.0	80.7	98.7	116.8	135.3	151.8
-40°	0.0	7.0	17.4	29.6	42.7	59.1	76.7	94.2	111.3	129.3	145.6
-42.5°	0.0	6.8	16.5	28.1	40.5	56.0	72.5	89.4	105.7	122.8	139.1
-45°	0.0	6.5	15.6	26.6	38.4	52.7	68.2	84.4	100.0	116.0	132.2
-47.5°	0.0	6.2	14.6	24.9	36.2	49.3	63.7	79.1	94.0	109.0	124.4
-50°	0.0	5.9	13.6	23.3	33.9	45.8	59.4	73.7	87.9	102.2	116.5
-52.5°	0.0	5.6	12.5	21.8	31.6	42.1	55.0	68.1	81.6	95.1	108.4
-55°	0.0	5.3	11.5	20.1	29.1	38.9	50.4	62.4	75.1	87.8	100.2
-57.5°	0.0	4.9	10.3	18.5	26.5	35.7	45.7	57.0	68.4	80.2	91.9
-60°	0.0	4.6	9.2	16.7	23.9	32.3	41.0	51.4	61.7	72.5	83.3
-62.5°	0.0	4.2	8.5	15.0	21.6	28.9	36.9	45.6	55.1	64.6	74.6
-65°	0.0	3.9	7.8	13.2	19.3	25.4	32.6	40.0	48.5	57.0	65.7
-67.5°	0.0	3.5	7.0	11.4	16.9	22.2	28.3	35.0	41.7	49.4	57.0
-70°	0.0	3.1	6.3	9.6	14.5	19.2	23.8	29.9	35.9	41.7	48.5
-72.5°	0.0	2.8	5.5	8.3	12.1	16.3	20.2	24.7	30.1	35.3	40.1
-75°	0.0	2.4	4.8	7.1	9.6	13.3	16.7	20.3	24.3	28.9	33.2
-77.5°	0.0	2.0	4.0	6.0	7.9	10.3	13.2	16.2	19.4	22.7	26.2
-80°	0.0	1.6	3.2	4.8	6.4	7.9	9.6	12.0	14.5	17.1	19.7
-82.5°	0.0	1.2	2.4	3.6	4.8	6.0	7.1	8.3	9.5	11.4	13.3
-85°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.5	6.3	7.0	7.8
-87.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.1	3.5	3.9
-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	4.6	4.9	5.3	5.6	5.9	6.2	6.5	6.8	7.0	7.3
85°	8.5	9.2	10.3	11.2	12.1	12.9	13.7	14.3	15.2	16.2	17.1
82.5°	15.0	16.5	17.9	19.2	20.3	21.4	22.4	23.9	25.9	27.7	29.4
80°	21.9	23.8	26.1	28.4	30.8	33.1	35.5	37.9	40.1	42.1	44.2
77.5°	29.4	32.5	35.6	38.8	42.1	45.8	49.3	52.7	55.9	59.0	62.0
75°	37.1	41.0	45.7	50.4	55.0	59.4	63.7	68.1	72.2	76.3	80.1
72.5°	45.6	51.4	57.0	62.4	68.4	74.0	79.3	84.2	89.3	94.5	99.2
70°	55.1	61.7	68.7	75.8	82.8	89.0	95.3	101.7	108.0	113.5	118.2
67.5°	64.7	72.7	80.9	88.9	96.6	103.8	111.3	118.4	125.0	130.7	136.1
65°	74.6	83.7	92.6	101.3	109.8	118.4	126.6	134.2	141.4	147.8	153.9
62.5°	84.4	94.3	104.0	113.7	123.6	133.0	141.6	149.7	157.5	164.4	170.9
60°	93.9	104.6	115.3	126.1	136.9	146.8	156.0	164.5	172.4	180.1	186.9
57.5°	103.3	114.8	126.4	138.1	149.4	160.2	169.4	178.4	186.6	194.3	201.5
55°	112.5	124.6	137.1	149.5	161.3	172.3	182.3	191.3	200.0	207.1	213.9
52.5°	121.6	134.3	147.5	160.3	172.3	183.8	194.2	203.3	211.2	218.4	224.4
50°	130.5	143.8	157.4	170.4	182.8	194.4	204.9	213.6	221.2	227.8	233.5
47.5°	138.9	153.0	166.4	179.9	192.5	204.0	214.3	222.5	229.9	235.9	241.2
45°	146.9	161.5	175.4	188.6	201.4	212.8	222.3	230.6	237.4	243.4	248.7
42.5°	154.4	169.7	183.8	197.0	209.6	220.6	229.9	237.6	244.5	250.4	256.3
40°	161.7	177.7	192.0	204.9	217.2	227.6	236.3	244.2	251.0	257.8	264.1
37.5°	168.8	184.9	199.7	212.9	223.7	233.9	242.5	250.3	258.0	265.3	273.9
35°	175.6	191.9	206.9	219.8	230.5	239.3	248.1	256.7	265.5	274.8	284.8
32.5°	181.8	198.7	213.8	225.7	235.7	244.6	253.7	264.0	274.5	285.1	297.3
30°	187.4	204.8	220.0	231.1	240.3	249.2	260.0	271.8	284.0	296.3	310.5
27.5°	192.3	210.5	224.6	235.4	244.5	253.0	265.1	280.2	293.6	306.6	322.3
25°	196.8	215.1	228.9	239.1	247.6	256.8	269.2	284.8	301.7	315.9	337.8
22.5°	200.8	219.2	232.9	242.3	250.0	259.9	272.5	287.9	305.3	323.2	353.5
20°	204.1	222.2	236.2	245.1	251.8	262.1	274.4	290.1	309.3	335.2	368.8
17.5°	207.0	225.3	238.8	246.9	254.0	263.9	275.0	291.4	313.7	346.0	382.9
15°	209.5	228.3	240.9	248.4	255.8	265.4	277.6	294.6	320.4	356.0	395.8
12.5°	211.6	231.1	242.6	249.6	256.9	266.7	280.3	299.8	328.3	366.0	410.0
10°	213.2	233.8	244.0	250.5	257.5	267.5	282.7	303.8	334.9	375.3	422.7
7.5°	214.7	235.9	245.1	251.3	257.7	267.9	284.6	306.7	339.7	382.9	433.2
5°	215.9	237.2	246.1	251.8	257.6	268.1	286.0	308.6	342.7	388.7	441.1
2.5°	216.6	238.0	246.9	252.0	257.3	268.0	287.1	311.6	346.5	393.0	445.9
0°	216.8	238.3	247.5	252.1	256.8	267.5	287.5	313.6	349.0	395.1	447.4
-2.5°	216.6	238.0	246.9	252.0	257.3	268.0	287.1	311.6	346.5	393.0	445.9
-5°	215.9	237.2	246.1	251.8	257.6	268.1	286.0	308.6	342.7	388.7	441.1
-7.5°	214.7	235.9	245.1	251.3	257.7	267.9	284.6	306.7	339.7	382.9	433.2
-10°	213.2	233.8	244.0	250.5	257.5	267.5	282.7	303.8	334.9	375.3	422.7
-12.5°	211.6	231.1	242.6	249.6	256.9	266.7	280.3	299.8	328.3	366.0	410.0
-15°	209.5	228.3	240.9	248.4	255.8	265.4	277.6	294.6	320.4	356.0	395.8
-17.5°	207.0	225.3	238.8	246.9	254.0	263.9	275.0	291.4	313.7	346.0	382.9
-20°	204.1	222.2	236.2	245.1	251.8	262.1	274.4	290.1	309.3	335.2	368.8



REPORT NUMBER: P558839 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-940-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	200.8	219.2	232.9	242.3	250.0	259.9	272.5	287.9	305.3	323.2	353.5
-25°	196.8	215.1	228.9	239.1	247.6	256.8	269.2	284.8	301.7	315.9	337.8
-27.5°	192.3	210.5	224.6	235.4	244.5	253.0	265.1	280.2	293.6	306.6	322.3
-30°	187.4	204.8	220.0	231.1	240.3	249.2	260.0	271.8	284.0	296.3	310.5
-32.5°	181.8	198.7	213.8	225.7	235.7	244.6	253.7	264.0	274.5	285.1	297.3
-35°	175.6	191.9	206.9	219.8	230.5	239.3	248.1	256.7	265.5	274.8	284.8
-37.5°	168.8	184.9	199.7	212.9	223.7	233.9	242.5	250.3	258.0	265.3	273.9
-40°	161.7	177.7	192.0	204.9	217.2	227.6	236.3	244.2	251.0	257.8	264.1
-42.5°	154.4	169.7	183.8	197.0	209.6	220.6	229.9	237.6	244.5	250.4	256.3
-45°	146.9	161.5	175.4	188.6	201.4	212.8	222.3	230.6	237.4	243.4	248.7
-47.5°	138.9	153.0	166.4	179.9	192.5	204.0	214.3	222.5	229.9	235.9	241.2
-50°	130.5	143.8	157.4	170.4	182.8	194.4	204.9	213.6	221.2	227.8	233.5
-52.5°	121.6	134.3	147.5	160.3	172.3	183.8	194.2	203.3	211.2	218.4	224.4
-55°	112.5	124.6	137.1	149.5	161.3	172.3	182.3	191.3	200.0	207.1	213.9
-57.5°	103.3	114.8	126.4	138.1	149.4	160.2	169.4	178.4	186.6	194.3	201.5
-60°	93.9	104.6	115.3	126.1	136.9	146.8	156.0	164.5	172.4	180.1	186.9
-62.5°	84.4	94.3	104.0	113.7	123.6	133.0	141.6	149.7	157.5	164.4	170.9
-65°	74.6	83.7	92.6	101.3	109.8	118.4	126.6	134.2	141.4	147.8	153.9
-67.5°	64.7	72.7	80.9	88.9	96.6	103.8	111.3	118.4	125.0	130.7	136.1
-70°	55.1	61.7	68.7	75.8	82.8	89.0	95.3	101.7	108.0	113.5	118.2
-72.5°	45.6	51.4	57.0	62.4	68.4	74.0	79.3	84.2	89.3	94.5	99.2
-75°	37.1	41.0	45.7	50.4	55.0	59.4	63.7	68.1	72.2	76.3	80.1
-77.5°	29.4	32.5	35.6	38.8	42.1	45.8	49.3	52.7	55.9	59.0	62.0
-80°	21.9	23.8	26.1	28.4	30.8	33.1	35.5	37.9	40.1	42.1	44.2
-82.5°	15.0	16.5	17.9	19.2	20.3	21.4	22.4	23.9	25.9	27.7	29.4
-85°	8.5	9.2	10.3	11.2	12.1	12.9	13.7	14.3	15.2	16.2	17.1
-87.5°	4.2	4.6	4.9	5.3	5.6	5.9	6.2	6.5	6.8	7.0	7.3
-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: P558839 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-940-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	7.3	7.2	7.0	7.5	7.9	8.4	8.9	9.0	9.1
85°	18.1	18.6	19.2	19.7	20.2	20.8	21.3	21.8	22.1	22.8	23.4
82.5°	30.8	32.0	33.2	34.2	35.2	36.4	37.5	38.6	39.6	40.2	40.7
80°	46.3	48.4	50.3	51.9	53.4	55.2	57.0	58.6	60.0	60.9	61.7
77.5°	65.0	67.6	70.0	72.3	74.5	76.5	78.3	79.8	80.9	82.3	83.6
75°	83.7	87.2	90.4	93.4	96.0	98.3	100.4	102.4	104.1	105.7	107.0
72.5°	103.6	107.5	111.0	114.3	117.3	120.3	123.1	125.6	127.8	129.6	131.1
70°	122.7	127.0	131.2	135.3	138.9	142.3	145.3	147.9	150.3	152.3	153.9
67.5°	141.2	146.0	150.9	155.4	159.4	162.9	166.3	169.4	172.3	174.5	176.0
65°	159.5	165.0	170.1	174.8	178.8	182.5	186.4	189.7	192.6	194.6	196.0
62.5°	177.4	183.3	188.3	193.1	197.7	201.6	204.9	207.9	210.7	213.0	214.4
60°	193.3	199.4	204.4	208.9	213.1	216.9	220.1	223.3	226.3	228.9	230.9
57.5°	207.4	213.1	218.1	222.1	225.9	229.3	232.4	235.1	237.2	238.8	240.2
55°	219.7	224.7	229.4	233.4	236.7	239.5	241.8	243.7	245.1	246.2	247.0
52.5°	230.1	234.8	239.4	243.3	245.8	248.1	250.2	252.4	253.7	253.9	253.8
50°	238.5	243.5	247.6	251.1	254.6	258.4	262.5	264.5	265.3	264.8	264.1
47.5°	246.2	251.0	255.6	259.9	265.0	271.4	278.0	281.2	280.9	279.5	278.9
45°	253.8	259.1	264.4	271.1	278.1	286.5	294.2	299.0	299.0	299.2	300.3
42.5°	261.7	268.2	275.6	284.6	293.9	303.2	311.4	317.4	321.9	327.3	331.9
40°	271.4	278.7	289.7	300.9	312.9	322.9	335.6	346.5	355.4	363.5	369.7
37.5°	282.8	293.3	307.2	321.6	337.1	352.7	367.5	381.4	393.2	406.7	416.7
35°	296.5	311.4	328.3	346.3	365.6	385.5	404.5	426.6	446.0	463.3	477.4
32.5°	312.5	330.5	351.2	375.1	399.3	425.5	452.9	481.2	508.5	536.9	565.3
30°	328.5	352.3	378.8	407.8	436.2	470.4	506.1	552.4	601.0	656.4	714.4
27.5°	348.1	376.5	407.3	440.6	479.7	523.4	592.3	677.9	824.0	933.2	1226.5
25°	367.2	399.7	439.2	482.4	534.8	615.0	779.4	969.7	1393.4	1790.0	2248.2
22.5°	386.6	427.1	474.4	527.1	618.3	824.6	1137.8	1711.4	2365.9	3060.6	3768.1
20°	406.2	453.9	513.1	601.2	792.0	1144.9	1848.0	2769.7	3699.7	4835.8	5818.2
17.5°	428.2	487.3	564.7	697.2	1011.6	1767.8	2807.8	4086.7	5525.9	6986.4	8212.7
15°	446.4	515.6	619.3	878.2	1471.8	2475.1	3836.0	5569.7	7532.0	9378.4	10953.4
12.5°	466.5	547.0	683.4	1025.1	1896.5	3215.5	5009.0	7142.5	9496.5	12026.5	16032.4
10°	485.0	578.6	790.9	1330.1	2386.0	3963.7	6059.5	8463.3	11318.3	16383.7	25852.9
7.5°	500.6	603.6	871.7	1557.4	2829.0	4669.5	6915.8	9592.8	13885.0	22395.3	38329.7
5°	511.2	620.3	927.9	1727.5	3181.9	5190.2	7463.3	10336.6	16503.7	29743.6	48930.3
2.5°	518.7	629.2	957.9	1826.7	3405.1	5534.9	7851.2	10837.0	18261.8	33994.2	56473.7
0°	524.3	631.9	964.0	1912.6	3480.8	5651.7	7870.3	10971.3	18864.7	35653.7	59161.5
-2.5°	518.7	629.2	957.9	1826.7	3405.1	5534.9	7851.2	10837.0	18261.8	33994.2	56473.7
-5°	511.2	620.3	927.9	1727.5	3181.9	5190.2	7463.3	10336.6	16503.7	29743.6	48930.3
-7.5°	500.6	603.6	871.7	1557.4	2829.0	4669.5	6915.8	9592.8	13885.0	22395.3	38329.7
-10°	485.0	578.6	790.9	1330.1	2386.0	3963.7	6059.5	8463.3	11318.3	16383.7	25852.9
-12.5°	466.5	547.0	683.4	1025.1	1896.5	3215.5	5009.0	7142.5	9496.5	12026.5	16032.4
-15°	446.4	515.6	619.3	878.2	1471.8	2475.1	3836.0	5569.7	7532.0	9378.4	10953.4
-17.5°	428.2	487.3	564.7	697.2	1011.6	1767.8	2807.8	4086.7	5525.9	6986.4	8212.7
-20°	406.2	453.9	513.1	601.2	792.0	1144.9	1848.0	2769.7	3699.7	4835.8	5818.2



REPORT NUMBER: P558839 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-940-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	386.6	427.1	474.4	527.1	618.3	824.6	1137.8	1711.4	2365.9	3060.6	3768.1
-25°	367.2	399.7	439.2	482.4	534.8	615.0	779.4	969.7	1393.4	1790.0	2248.2
-27.5°	348.1	376.5	407.3	440.6	479.7	523.4	592.3	677.9	824.0	933.2	1226.5
-30°	328.5	352.3	378.8	407.8	436.2	470.4	506.1	552.4	601.0	656.4	741.4
-32.5°	312.5	330.5	351.2	375.1	399.3	425.5	452.9	481.2	508.5	536.9	565.3
-35°	296.5	311.4	328.3	346.3	365.6	385.5	404.5	426.6	446.0	463.3	477.4
-37.5°	282.8	293.3	307.2	321.6	337.1	352.7	367.5	381.4	393.2	406.7	416.7
-40°	271.4	278.7	289.7	300.9	312.9	322.9	335.6	346.5	355.4	363.5	369.7
-42.5°	261.7	268.2	275.6	284.6	293.9	303.2	311.4	317.4	321.9	327.3	331.9
-45°	253.8	259.1	264.4	271.1	278.1	286.5	294.2	299.0	299.0	299.2	300.3
-47.5°	246.2	251.0	255.6	259.9	265.0	271.4	278.0	281.2	280.9	279.5	278.9
-50°	238.5	243.5	247.6	251.1	254.6	258.4	262.5	264.5	265.3	264.8	264.1
-52.5°	230.1	234.8	239.4	243.3	245.8	248.1	250.2	252.4	253.7	253.9	253.8
-55°	219.7	224.7	229.4	233.4	236.7	239.5	241.8	243.7	245.1	246.2	247.0
-57.5°	207.4	213.1	218.1	222.1	225.9	229.3	232.4	235.1	237.2	238.8	240.2
-60°	193.3	199.4	204.4	208.9	213.1	216.9	220.1	223.3	226.3	228.9	230.9
-62.5°	177.4	183.3	188.3	193.1	197.7	201.6	204.9	207.9	210.7	213.0	214.4
-65°	159.5	165.0	170.1	174.8	178.8	182.5	186.4	189.7	192.6	194.6	196.0
-67.5°	141.2	146.0	150.9	155.4	159.4	162.9	166.3	169.4	172.3	174.5	176.0
-70°	122.7	127.0	131.2	135.3	138.9	142.3	145.3	147.9	150.3	152.3	153.9
-72.5°	103.6	107.5	111.0	114.3	117.3	120.3	123.1	125.6	127.8	129.6	131.1
-75°	83.7	87.2	90.4	93.4	96.0	98.3	100.4	102.4	104.1	105.7	107.0
-77.5°	65.0	67.6	70.0	72.3	74.5	76.5	78.3	79.8	80.9	82.3	83.6
-80°	46.3	48.4	50.3	51.9	53.4	55.2	57.0	58.6	60.0	60.9	61.7
-82.5°	30.8	32.0	33.2	34.2	35.2	36.4	37.5	38.6	39.6	40.2	40.7
-85°	18.1	18.6	19.2	19.7	20.2	20.8	21.3	21.8	22.1	22.8	23.4
-87.5°	7.5	7.4	7.3	7.2	7.0	7.5	7.9	8.4	8.9	9.0	9.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558839 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-940-U-NR-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°	9.1	9.2	9.2	9.2	9.2	9.2	9.1	9.1	9.0	8.9	8.4
85°	24.0	24.5	23.8	23.1	23.8	24.5	24.0	23.4	22.8	22.1	21.8
82.5°	41.1	41.3	41.4	41.5	41.4	41.3	41.1	40.7	40.2	39.6	38.6
80°	62.3	62.7	63.7	64.6	63.7	62.7	62.3	61.7	60.9	60.0	58.6
77.5°	84.7	85.6	86.0	86.1	86.0	85.6	84.7	83.6	82.3	80.9	79.8
75°	108.0	108.7	110.5	112.2	110.5	108.7	108.0	107.0	105.7	104.1	102.4
72.5°	132.3	133.1	134.3	135.3	134.3	133.1	132.3	131.1	129.6	127.8	125.6
70°	155.2	156.1	156.6	156.8	156.6	156.1	155.2	153.9	152.3	150.3	147.9
67.5°	177.0	177.6	177.4	176.8	177.4	177.6	177.0	176.0	174.5	172.3	169.4
65°	197.0	197.6	197.4	196.8	197.4	197.6	197.0	196.0	194.6	192.6	189.7
62.5°	215.4	216.1	216.6	216.8	216.6	216.1	215.4	214.4	213.0	210.7	207.9
60°	232.7	234.2	235.0	235.2	235.0	234.2	232.7	230.9	228.9	226.3	223.3
57.5°	241.4	242.3	242.8	242.9	242.8	242.3	241.4	240.2	238.8	237.2	235.1
55°	247.4	247.4	246.9	246.0	246.9	247.4	247.4	247.0	246.2	245.1	243.7
52.5°	253.3	252.4	252.0	252.1	252.0	252.4	253.3	253.8	253.9	253.7	252.4
50°	263.3	261.9	261.2	261.4	261.2	261.9	263.3	264.1	264.8	265.3	264.5
47.5°	279.8	280.4	281.0	281.4	281.0	280.4	279.8	278.9	279.5	280.9	281.2
45°	303.4	305.6	306.9	307.5	306.9	305.6	303.4	300.3	299.2	299.0	299.0
42.5°	336.5	339.1	340.1	339.8	340.1	339.1	336.5	331.9	327.3	321.9	317.4
40°	376.2	381.4	384.4	384.4	384.4	381.4	376.2	369.7	363.5	355.4	346.5
37.5°	425.7	432.7	436.2	435.1	436.2	432.7	425.7	416.7	406.7	393.2	381.4
35°	488.2	495.1	498.0	501.2	498.0	495.1	488.2	477.4	463.3	446.0	426.6
32.5°	587.7	601.7	607.2	599.6	607.2	601.7	587.7	565.3	536.9	508.5	481.2
30°	799.0	850.0	884.1	901.0	884.1	850.0	799.0	741.4	656.4	601.0	552.4
27.5°	1428.3	1561.9	1618.5	1649.7	1618.5	1561.9	1428.3	1226.5	933.2	824.0	677.9
25°	2640.6	2925.7	3089.8	3076.5	3089.8	2925.7	2640.6	2248.2	1790.0	1393.4	969.7
22.5°	4425.5	4875.3	5145.1	5244.3	5145.1	4875.3	4425.5	3768.1	3060.6	2365.9	1711.4
20°	6638.3	7142.7	7406.4	7445.9	7406.4	7142.7	6638.3	5818.2	4835.8	3699.7	2769.7
17.5°	9177.9	9656.0	9934.0	9930.5	9934.0	9656.0	9177.9	8212.7	6986.4	5525.9	4086.7
15°	13098.5	14949.3	15992.9	15840.5	15992.9	14949.3	13098.5	10953.4	9378.4	7532.0	5569.7
12.5°	21462.7	28855.1	33440.5	34572.9	33440.5	28855.1	21462.7	16032.4	12026.5	9496.5	7142.5
10°	37927.5	48986.9	57819.2	60371.5	57819.2	48986.9	37927.5	25852.9	16383.7	11318.3	8463.3
7.5°	54556.1	67681.9	73083.7	73711.3	73083.7	67681.9	54556.1	38329.7	22395.3	13885.0	9592.8
5°	67107.5	80463.5	82009.3	78126.1	82009.3	80463.5	67107.5	48930.3	29743.6	16503.7	10336.6
2.5°	75392.6	85483.1	86924.2	84834.1	86924.2	85483.1	75392.6	56473.7	33994.2	18261.8	10837.0
0°	77282.1	84148.4	86195.5	86419.2	86195.5	84148.4	77282.1	59161.5	35653.7	18864.7	10971.3
-2.5°	75392.6	85483.1	86924.2	84834.1	86924.2	85483.1	75392.6	56473.7	33994.2	18261.8	10837.0
-5°	67107.5	80463.5	82009.3	78126.1	82009.3	80463.5	67107.5	48930.3	29743.6	16503.7	10336.6
-7.5°	54556.1	67681.9	73083.7	73711.3	73083.7	67681.9	54556.1	38329.7	22395.3	13885.0	9592.8
-10°	37927.5	48986.9	57819.2	60371.5	57819.2	48986.9	37927.5	25852.9	16383.7	11318.3	8463.3
-12.5°	21462.7	28855.1	33440.5	34572.9	33440.5	28855.1	21462.7	16032.4	12026.5	9496.5	7142.5
-15°	13098.5	14949.3	15992.9	15840.5	15992.9	14949.3	13098.5	10953.4	9378.4	7532.0	5569.7
-17.5°	9177.9	9656.0	9934.0	9930.5	9934.0	9656.0	9177.9	8212.7	6986.4	5525.9	4086.7
-20°	6638.3	7142.7	7406.4	7445.9	7406.4	7142.7	6638.3	5818.2	4835.8	3699.7	2769.7



REPORT NUMBER: P558839 (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°	4425.5	4875.3	5145.1	5244.3	5145.1	4875.3	4425.5	3768.1	3060.6	2365.9	1711.4
-25°	2640.6	2925.7	3089.8	3076.5	3089.8	2925.7	2640.6	2248.2	1790.0	1393.4	969.7
-27.5°	1428.3	1561.9	1618.5	1649.7	1618.5	1561.9	1428.3	1226.5	933.2	824.0	677.9
-30°	799.0	850.0	884.1	901.0	884.1	850.0	799.0	741.4	656.4	601.0	552.4
-32.5°	587.7	601.7	607.2	599.6	607.2	601.7	587.7	565.3	536.9	508.5	481.2
-35°	488.2	495.1	498.0	501.2	498.0	495.1	488.2	477.4	463.3	446.0	426.6
-37.5°	425.7	432.7	436.2	435.1	436.2	432.7	425.7	416.7	406.7	393.2	381.4
-40°	376.2	381.4	384.4	384.4	384.4	381.4	376.2	369.7	363.5	355.4	346.5
-42.5°	336.5	339.1	340.1	339.8	340.1	339.1	336.5	331.9	327.3	321.9	317.4
-45°	303.4	305.6	306.9	307.5	306.9	305.6	303.4	300.3	299.2	299.0	299.0
-47.5°	279.8	280.4	281.0	281.4	281.0	280.4	279.8	278.9	279.5	280.9	281.2
-50°	263.3	261.9	261.2	261.4	261.2	261.9	263.3	264.1	264.8	265.3	264.5
-52.5°	253.3	252.4	252.0	252.1	252.0	252.4	253.3	253.8	253.9	253.7	252.4
-55°	247.4	247.4	246.9	246.0	246.9	247.4	247.4	247.0	246.2	245.1	243.7
-57.5°	241.4	242.3	242.8	242.9	242.8	242.3	241.4	240.2	238.8	237.2	235.1
-60°	232.7	234.2	235.0	235.2	235.0	234.2	232.7	230.9	228.9	226.3	223.3
-62.5°	215.4	216.1	216.6	216.8	216.6	216.1	215.4	214.4	213.0	210.7	207.9
-65°	197.0	197.6	197.4	196.8	197.4	197.6	197.0	196.0	194.6	192.6	189.7
-67.5°	177.0	177.6	177.4	176.8	177.4	177.6	177.0	176.0	174.5	172.3	169.4
-70°	155.2	156.1	156.6	156.8	156.6	156.1	155.2	153.9	152.3	150.3	147.9
-72.5°	132.3	133.1	134.3	135.3	134.3	133.1	132.3	131.1	129.6	127.8	125.6
-75°	108.0	108.7	110.5	112.2	110.5	108.7	108.0	107.0	105.7	104.1	102.4
-77.5°	84.7	85.6	86.0	86.1	86.0	85.6	84.7	83.6	82.3	80.9	79.8
-80°	62.3	62.7	63.7	64.6	63.7	62.7	62.3	61.7	60.9	60.0	58.6
-82.5°	41.1	41.3	41.4	41.5	41.4	41.3	41.1	40.7	40.2	39.6	38.6
-85°	24.0	24.5	23.8	23.1	23.8	24.5	24.0	23.4	22.8	22.1	21.8
-87.5°	9.1	9.2	9.2	9.2	9.2	9.2	9.1	9.1	9.0	8.9	8.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	7.9	7.5	7.0	7.2	7.3	7.4	7.5	7.3	7.0	6.8	6.5
85°	21.3	20.8	20.2	19.7	19.2	18.6	18.1	17.1	16.2	15.2	14.3
82.5°	37.5	36.4	35.2	34.2	33.2	32.0	30.8	29.4	27.7	25.9	23.9
80°	57.0	55.2	53.4	51.9	50.3	48.4	46.3	44.2	42.1	40.1	37.9
77.5°	78.3	76.5	74.5	72.3	70.0	67.6	65.0	62.0	59.0	55.9	52.7
75°	100.4	98.3	96.0	93.4	90.4	87.2	83.7	80.1	76.3	72.2	68.1
72.5°	123.1	120.3	117.3	114.3	111.0	107.5	103.6	99.2	94.5	89.3	84.2
70°	145.3	142.3	138.9	135.3	131.2	127.0	122.7	118.2	113.5	108.0	101.7
67.5°	166.3	162.9	159.4	155.4	150.9	146.0	141.2	136.1	130.7	125.0	118.4
65°	186.4	182.5	178.8	174.8	170.1	165.0	159.5	153.9	147.8	141.4	134.2
62.5°	204.9	201.6	197.7	193.1	188.3	183.3	177.4	170.9	164.4	157.5	149.7
60°	220.1	216.9	213.1	208.9	204.4	199.4	193.3	186.9	180.1	172.4	164.5
57.5°	232.4	229.3	225.9	222.1	218.1	213.1	207.4	201.5	194.3	186.6	178.4
55°	241.8	239.5	236.7	233.4	229.4	224.7	219.7	213.9	207.1	200.0	191.3
52.5°	250.2	248.1	245.8	243.3	239.4	234.8	230.1	224.4	218.4	211.2	203.3
50°	262.5	258.4	254.6	251.1	247.6	243.5	238.5	233.5	227.8	221.2	213.6
47.5°	278.0	271.4	265.0	259.9	255.6	251.0	246.2	241.2	235.9	229.9	222.5
45°	294.2	286.5	278.1	271.1	264.4	259.1	253.8	248.7	243.4	237.4	230.6
42.5°	311.4	303.2	293.9	284.6	275.6	268.2	261.7	256.3	250.4	244.5	237.6
40°	335.6	322.9	312.9	300.9	289.7	278.7	271.4	264.1	257.8	251.0	244.2
37.5°	367.5	352.7	337.1	321.6	307.2	293.3	282.8	273.9	265.3	258.0	250.3
35°	404.5	385.5	365.6	346.3	328.3	311.4	296.5	284.8	274.8	265.5	256.7
32.5°	452.9	425.5	399.3	375.1	351.2	330.5	312.5	297.3	285.1	274.5	264.0
30°	506.1	470.4	436.2	407.8	378.8	352.3	328.5	310.5	296.3	284.0	271.8
27.5°	592.3	523.4	479.7	440.6	407.3	376.5	348.1	322.3	306.6	293.6	280.2
25°	779.4	615.0	534.8	482.4	439.2	399.7	367.2	337.8	315.9	301.7	284.8
22.5°	1137.8	824.6	618.3	527.1	474.4	427.1	386.6	353.5	323.2	305.3	287.9
20°	1848.0	1144.9	792.0	601.2	513.1	453.9	406.2	368.8	335.2	309.3	290.1
17.5°	2807.8	1767.8	1011.6	697.2	564.7	487.3	428.2	382.9	346.0	313.7	291.4
15°	3836.0	2475.1	1471.8	878.2	619.3	515.6	446.4	395.8	356.0	320.4	294.6
12.5°	5009.0	3215.5	1896.5	1025.1	683.4	547.0	466.5	410.0	366.0	328.3	299.8
10°	6059.5	3963.7	2386.0	1330.1	790.9	578.6	485.0	422.7	375.3	334.9	303.8
7.5°	6915.8	4669.5	2829.0	1557.4	871.7	603.6	500.6	433.2	382.9	339.7	306.7
5°	7463.3	5190.2	3181.9	1727.5	927.9	620.3	511.2	441.1	388.7	342.7	308.6
2.5°	7851.2	5534.9	3405.1	1826.7	957.9	629.2	518.7	445.9	393.0	346.5	311.6
0°	7870.3	5651.7	3480.8	1912.6	964.0	631.9	524.3	447.4	395.1	349.0	313.6
-2.5°	7851.2	5534.9	3405.1	1826.7	957.9	629.2	518.7	445.9	393.0	346.5	311.6
-5°	7463.3	5190.2	3181.9	1727.5	927.9	620.3	511.2	441.1	388.7	342.7	308.6
-7.5°	6915.8	4669.5	2829.0	1557.4	871.7	603.6	500.6	433.2	382.9	339.7	306.7
-10°	6059.5	3963.7	2386.0	1330.1	790.9	578.6	485.0	422.7	375.3	334.9	303.8
-12.5°	5009.0	3215.5	1896.5	1025.1	683.4	547.0	466.5	410.0	366.0	328.3	299.8
-15°	3836.0	2475.1	1471.8	878.2	619.3	515.6	446.4	395.8	356.0	320.4	294.6
-17.5°	2807.8	1767.8	1011.6	697.2	564.7	487.3	428.2	382.9	346.0	313.7	291.4
-20°	1848.0	1144.9	792.0	601.2	513.1	453.9	406.2	368.8	335.2	309.3	290.1



REPORT NUMBER: P558839 (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°	1137.8	824.6	618.3	527.1	474.4	427.1	386.6	353.5	323.2	305.3	287.9
-25°	779.4	615.0	534.8	482.4	439.2	399.7	367.2	337.8	315.9	301.7	284.8
-27.5°	592.3	523.4	479.7	440.6	407.3	376.5	348.1	322.3	306.6	293.6	280.2
-30°	506.1	470.4	436.2	407.8	378.8	352.3	328.5	310.5	296.3	284.0	271.8
-32.5°	452.9	425.5	399.3	375.1	351.2	330.5	312.5	297.3	285.1	274.5	264.0
-35°	404.5	385.5	365.6	346.3	328.3	311.4	296.5	284.8	274.8	265.5	256.7
-37.5°	367.5	352.7	337.1	321.6	307.2	293.3	282.8	273.9	265.3	258.0	250.3
-40°	335.6	322.9	312.9	300.9	289.7	278.7	271.4	264.1	257.8	251.0	244.2
-42.5°	311.4	303.2	293.9	284.6	275.6	268.2	261.7	256.3	250.4	244.5	237.6
-45°	294.2	286.5	278.1	271.1	264.4	259.1	253.8	248.7	243.4	237.4	230.6
-47.5°	278.0	271.4	265.0	259.9	255.6	251.0	246.2	241.2	235.9	229.9	222.5
-50°	262.5	258.4	254.6	251.1	247.6	243.5	238.5	233.5	227.8	221.2	213.6
-52.5°	250.2	248.1	245.8	243.3	239.4	234.8	230.1	224.4	218.4	211.2	203.3
-55°	241.8	239.5	236.7	233.4	229.4	224.7	219.7	213.9	207.1	200.0	191.3
-57.5°	232.4	229.3	225.9	222.1	218.1	213.1	207.4	201.5	194.3	186.6	178.4
-60°	220.1	216.9	213.1	208.9	204.4	199.4	193.3	186.9	180.1	172.4	164.5
-62.5°	204.9	201.6	197.7	193.1	188.3	183.3	177.4	170.9	164.4	157.5	149.7
-65°	186.4	182.5	178.8	174.8	170.1	165.0	159.5	153.9	147.8	141.4	134.2
-67.5°	166.3	162.9	159.4	155.4	150.9	146.0	141.2	136.1	130.7	125.0	118.4
-70°	145.3	142.3	138.9	135.3	131.2	127.0	122.7	118.2	113.5	108.0	101.7
-72.5°	123.1	120.3	117.3	114.3	111.0	107.5	103.6	99.2	94.5	89.3	84.2
-75°	100.4	98.3	96.0	93.4	90.4	87.2	83.7	80.1	76.3	72.2	68.1
-77.5°	78.3	76.5	74.5	72.3	70.0	67.6	65.0	62.0	59.0	55.9	52.7
-80°	57.0	55.2	53.4	51.9	50.3	48.4	46.3	44.2	42.1	40.1	37.9
-82.5°	37.5	36.4	35.2	34.2	33.2	32.0	30.8	29.4	27.7	25.9	23.9
-85°	21.3	20.8	20.2	19.7	19.2	18.6	18.1	17.1	16.2	15.2	14.3
-87.5°	7.9	7.5	7.0	7.2	7.3	7.4	7.5	7.3	7.0	6.8	6.5
-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: P558839 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-940-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°	6.2	5.9	5.6	5.3	4.9	4.6	4.2	3.9	3.5	3.1	2.8
85°	13.7	12.9	12.1	11.2	10.3	9.2	8.5	7.8	7.0	6.3	5.5
82.5°	22.4	21.4	20.3	19.2	17.9	16.5	15.0	13.3	11.4	9.5	8.3
80°	35.5	33.1	30.8	28.4	26.1	23.8	21.9	19.7	17.1	14.5	12.0
77.5°	49.3	45.8	42.1	38.8	35.6	32.5	29.4	26.2	22.7	19.4	16.2
75°	63.7	59.4	55.0	50.4	45.7	41.0	37.1	33.2	28.9	24.3	20.3
72.5°	79.3	74.0	68.4	62.4	57.0	51.4	45.6	40.1	35.3	30.1	24.7
70°	95.3	89.0	82.8	75.8	68.7	61.7	55.1	48.5	41.7	35.9	29.9
67.5°	111.3	103.8	96.6	88.9	80.9	72.7	64.7	57.0	49.4	41.7	35.0
65°	126.6	118.4	109.8	101.3	92.6	83.7	74.6	65.7	57.0	48.5	40.0
62.5°	141.6	133.0	123.6	113.7	104.0	94.3	84.4	74.6	64.6	55.1	45.6
60°	156.0	146.8	136.9	126.1	115.3	104.6	93.9	83.3	72.5	61.7	51.4
57.5°	169.4	160.2	149.4	138.1	126.4	114.8	103.3	91.9	80.2	68.4	57.0
55°	182.3	172.3	161.3	149.5	137.1	124.6	112.5	100.2	87.8	75.1	62.4
52.5°	194.2	183.8	172.3	160.3	147.5	134.3	121.6	108.4	95.1	81.6	68.1
50°	204.9	194.4	182.8	170.4	157.4	143.8	130.5	116.5	102.2	87.9	73.7
47.5°	214.3	204.0	192.5	179.9	166.4	153.0	138.9	124.4	109.0	94.0	79.1
45°	222.3	212.8	201.4	188.6	175.4	161.5	146.9	132.2	116.0	100.0	84.4
42.5°	229.9	220.6	209.6	197.0	183.8	169.7	154.4	139.1	122.8	105.7	89.4
40°	236.3	227.6	217.2	204.9	192.0	177.7	161.7	145.6	129.3	111.3	94.2
37.5°	242.5	233.9	223.7	212.9	199.7	184.9	168.8	151.8	135.3	116.8	98.7
35°	248.1	239.3	230.5	219.8	206.9	191.9	175.6	157.6	140.4	121.9	103.1
32.5°	253.7	244.6	235.7	225.7	213.8	198.7	181.8	163.3	145.2	126.7	107.2
30°	260.0	249.2	240.3	231.1	220.0	204.8	187.4	168.5	149.7	131.2	111.0
27.5°	265.1	253.0	244.5	235.4	224.6	210.5	192.3	173.2	154.0	135.2	114.6
25°	269.2	256.8	247.6	239.1	228.9	215.1	196.8	177.3	157.8	138.6	118.0
22.5°	272.5	259.9	250.0	242.3	232.9	219.2	200.8	181.0	161.3	141.7	121.0
20°	274.4	262.1	251.8	245.1	236.2	222.2	204.1	184.3	164.3	144.5	123.7
17.5°	275.0	263.9	254.0	246.9	238.8	225.3	207.0	187.1	166.9	147.0	126.1
15°	277.6	265.4	255.8	248.4	240.9	228.3	209.5	189.6	169.1	149.2	128.1
12.5°	280.3	266.7	256.9	249.6	242.6	231.1	211.6	191.6	170.8	151.1	129.8
10°	282.7	267.5	257.5	250.5	244.0	233.8	213.2	193.2	172.6	152.6	131.3
7.5°	284.6	267.9	257.7	251.3	245.1	235.9	214.7	194.5	174.2	153.8	132.4
5°	286.0	268.1	257.6	251.8	246.1	237.2	215.9	195.2	175.4	154.6	133.2
2.5°	287.1	268.0	257.3	252.0	246.9	238.0	216.6	195.5	176.3	155.1	133.6
0°	287.5	267.5	256.8	252.1	247.5	238.3	216.8	195.3	176.8	155.3	133.8
-2.5°	287.1	268.0	257.3	252.0	246.9	238.0	216.6	195.5	176.3	155.1	133.6
-5°	286.0	268.1	257.6	251.8	246.1	237.2	215.9	195.2	175.4	154.6	133.2
-7.5°	284.6	267.9	257.7	251.3	245.1	235.9	214.7	194.5	174.2	153.8	132.4
-10°	282.7	267.5	257.5	250.5	244.0	233.8	213.2	193.2	172.6	152.6	131.3
-12.5°	280.3	266.7	256.9	249.6	242.6	231.1	211.6	191.6	170.8	151.1	129.8
-15°	277.6	265.4	255.8	248.4	240.9	228.3	209.5	189.6	169.1	149.2	128.1
-17.5°	275.0	263.9	254.0	246.9	238.8	225.3	207.0	187.1	166.9	147.0	126.1
-20°	274.4	262.1	251.8	245.1	236.2	222.2	204.1	184.3	164.3	144.5	123.7



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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°	272.5	259.9	250.0	242.3	232.9	219.2	200.8	181.0	161.3	141.7	121.0
-25°	269.2	256.8	247.6	239.1	228.9	215.1	196.8	177.3	157.8	138.6	118.0
-27.5°	265.1	253.0	244.5	235.4	224.6	210.5	192.3	173.2	154.0	135.2	114.6
-30°	260.0	249.2	240.3	231.1	220.0	204.8	187.4	168.5	149.7	131.2	111.0
-32.5°	253.7	244.6	235.7	225.7	213.8	198.7	181.8	163.3	145.2	126.7	107.2
-35°	248.1	239.3	230.5	219.8	206.9	191.9	175.6	157.6	140.4	121.9	103.1
-37.5°	242.5	233.9	223.7	212.9	199.7	184.9	168.8	151.8	135.3	116.8	98.7
-40°	236.3	227.6	217.2	204.9	192.0	177.7	161.7	145.6	129.3	111.3	94.2
-42.5°	229.9	220.6	209.6	197.0	183.8	169.7	154.4	139.1	122.8	105.7	89.4
-45°	222.3	212.8	201.4	188.6	175.4	161.5	146.9	132.2	116.0	100.0	84.4
-47.5°	214.3	204.0	192.5	179.9	166.4	153.0	138.9	124.4	109.0	94.0	79.1
-50°	204.9	194.4	182.8	170.4	157.4	143.8	130.5	116.5	102.2	87.9	73.7
-52.5°	194.2	183.8	172.3	160.3	147.5	134.3	121.6	108.4	95.1	81.6	68.1
-55°	182.3	172.3	161.3	149.5	137.1	124.6	112.5	100.2	87.8	75.1	62.4
-57.5°	169.4	160.2	149.4	138.1	126.4	114.8	103.3	91.9	80.2	68.4	57.0
-60°	156.0	146.8	136.9	126.1	115.3	104.6	93.9	83.3	72.5	61.7	51.4
-62.5°	141.6	133.0	123.6	113.7	104.0	94.3	84.4	74.6	64.6	55.1	45.6
-65°	126.6	118.4	109.8	101.3	92.6	83.7	74.6	65.7	57.0	48.5	40.0
-67.5°	111.3	103.8	96.6	88.9	80.9	72.7	64.7	57.0	49.4	41.7	35.0
-70°	95.3	89.0	82.8	75.8	68.7	61.7	55.1	48.5	41.7	35.9	29.9
-72.5°	79.3	74.0	68.4	62.4	57.0	51.4	45.6	40.1	35.3	30.1	24.7
-75°	63.7	59.4	55.0	50.4	45.7	41.0	37.1	33.2	28.9	24.3	20.3
-77.5°	49.3	45.8	42.1	38.8	35.6	32.5	29.4	26.2	22.7	19.4	16.2
-80°	35.5	33.1	30.8	28.4	26.1	23.8	21.9	19.7	17.1	14.5	12.0
-82.5°	22.4	21.4	20.3	19.2	17.9	16.5	15.0	13.3	11.4	9.5	8.3
-85°	13.7	12.9	12.1	11.2	10.3	9.2	8.5	7.8	7.0	6.3	5.5
-87.5°	6.2	5.9	5.6	5.3	4.9	4.6	4.2	3.9	3.5	3.1	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	2.0	1.6	1.2	0.8	0.4	0.0
85°	4.8	4.0	3.2	2.4	1.6	0.8	0.0
82.5°	7.1	6.0	4.8	3.6	2.4	1.2	0.0
80°	9.6	7.9	6.4	4.8	3.2	1.6	0.0
77.5°	13.2	10.3	7.9	6.0	4.0	2.0	0.0
75°	16.7	13.3	9.6	7.1	4.8	2.4	0.0
72.5°	20.2	16.3	12.1	8.3	5.5	2.8	0.0
70°	23.8	19.2	14.5	9.6	6.3	3.1	0.0
67.5°	28.3	22.2	16.9	11.4	7.0	3.5	0.0
65°	32.6	25.4	19.3	13.2	7.8	3.9	0.0
62.5°	36.9	28.9	21.6	15.0	8.5	4.2	0.0
60°	41.0	32.3	23.9	16.7	9.2	4.6	0.0
57.5°	45.7	35.7	26.5	18.5	10.3	4.9	0.0
55°	50.4	38.9	29.1	20.1	11.5	5.3	0.0
52.5°	55.0	42.1	31.6	21.8	12.5	5.6	0.0
50°	59.4	45.8	33.9	23.3	13.6	5.9	0.0
47.5°	63.7	49.3	36.2	24.9	14.6	6.2	0.0
45°	68.2	52.7	38.4	26.6	15.6	6.5	0.0
42.5°	72.5	56.0	40.5	28.1	16.5	6.8	0.0
40°	76.7	59.1	42.7	29.6	17.4	7.0	0.0
37.5°	80.7	62.0	45.1	31.0	18.2	7.3	0.0
35°	84.5	65.1	47.3	32.3	19.0	7.5	0.0
32.5°	88.1	68.0	49.4	33.5	19.8	7.8	0.0
30°	91.4	70.8	51.4	34.7	20.5	8.0	0.0
27.5°	94.4	73.5	53.3	35.7	21.1	8.2	0.0
25°	97.2	75.9	55.0	36.7	21.7	8.3	0.0
22.5°	99.8	78.1	56.6	37.6	22.3	8.5	0.0
20°	102.1	80.1	58.1	38.4	22.7	8.6	0.0
17.5°	104.1	81.9	59.5	39.1	23.2	8.8	0.0
15°	105.9	83.4	60.7	39.8	23.5	8.9	0.0
12.5°	107.3	84.7	61.8	40.3	23.9	9.0	0.0
10°	108.5	85.8	62.7	40.7	24.1	9.1	0.0
7.5°	109.5	86.6	63.4	41.1	24.3	9.1	0.0
5°	110.2	87.1	64.0	41.3	24.5	9.2	0.0
2.5°	110.6	87.5	64.4	41.5	24.6	9.2	0.0
0°	110.7	87.6	64.6	41.5	24.6	9.2	0.0
-2.5°	110.6	87.5	64.4	41.5	24.6	9.2	0.0
-5°	110.2	87.1	64.0	41.3	24.5	9.2	0.0
-7.5°	109.5	86.6	63.4	41.1	24.3	9.1	0.0
-10°	108.5	85.8	62.7	40.7	24.1	9.1	0.0
-12.5°	107.3	84.7	61.8	40.3	23.9	9.0	0.0
-15°	105.9	83.4	60.7	39.8	23.5	8.9	0.0
-17.5°	104.1	81.9	59.5	39.1	23.2	8.8	0.0
-20°	102.1	80.1	58.1	38.4	22.7	8.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	99.8	78.1	56.6	37.6	22.3	8.5	0.0
-25°	97.2	75.9	55.0	36.7	21.7	8.3	0.0
-27.5°	94.4	73.5	53.3	35.7	21.1	8.2	0.0
-30°	91.4	70.8	51.4	34.7	20.5	8.0	0.0
-32.5°	88.1	68.0	49.4	33.5	19.8	7.8	0.0
-35°	84.5	65.1	47.3	32.3	19.0	7.5	0.0
-37.5°	80.7	62.0	45.1	31.0	18.2	7.3	0.0
-40°	76.7	59.1	42.7	29.6	17.4	7.0	0.0
-42.5°	72.5	56.0	40.5	28.1	16.5	6.8	0.0
-45°	68.2	52.7	38.4	26.6	15.6	6.5	0.0
-47.5°	63.7	49.3	36.2	24.9	14.6	6.2	0.0
-50°	59.4	45.8	33.9	23.3	13.6	5.9	0.0
-52.5°	55.0	42.1	31.6	21.8	12.5	5.6	0.0
-55°	50.4	38.9	29.1	20.1	11.5	5.3	0.0
-57.5°	45.7	35.7	26.5	18.5	10.3	4.9	0.0
-60°	41.0	32.3	23.9	16.7	9.2	4.6	0.0
-62.5°	36.9	28.9	21.6	15.0	8.5	4.2	0.0
-65°	32.6	25.4	19.3	13.2	7.8	3.9	0.0
-67.5°	28.3	22.2	16.9	11.4	7.0	3.5	0.0
-70°	23.8	19.2	14.5	9.6	6.3	3.1	0.0
-72.5°	20.2	16.3	12.1	8.3	5.5	2.8	0.0
-75°	16.7	13.3	9.6	7.1	4.8	2.4	0.0
-77.5°	13.2	10.3	7.9	6.0	4.0	2.0	0.0
-80°	9.6	7.9	6.4	4.8	3.2	1.6	0.0
-82.5°	7.1	6.0	4.8	3.6	2.4	1.2	0.0
-85°	4.8	4.0	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)