

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: P558872 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-940-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558872 (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-SA3E-940-U-TS-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, TIGHT SPOT N2
Light Source: (48) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

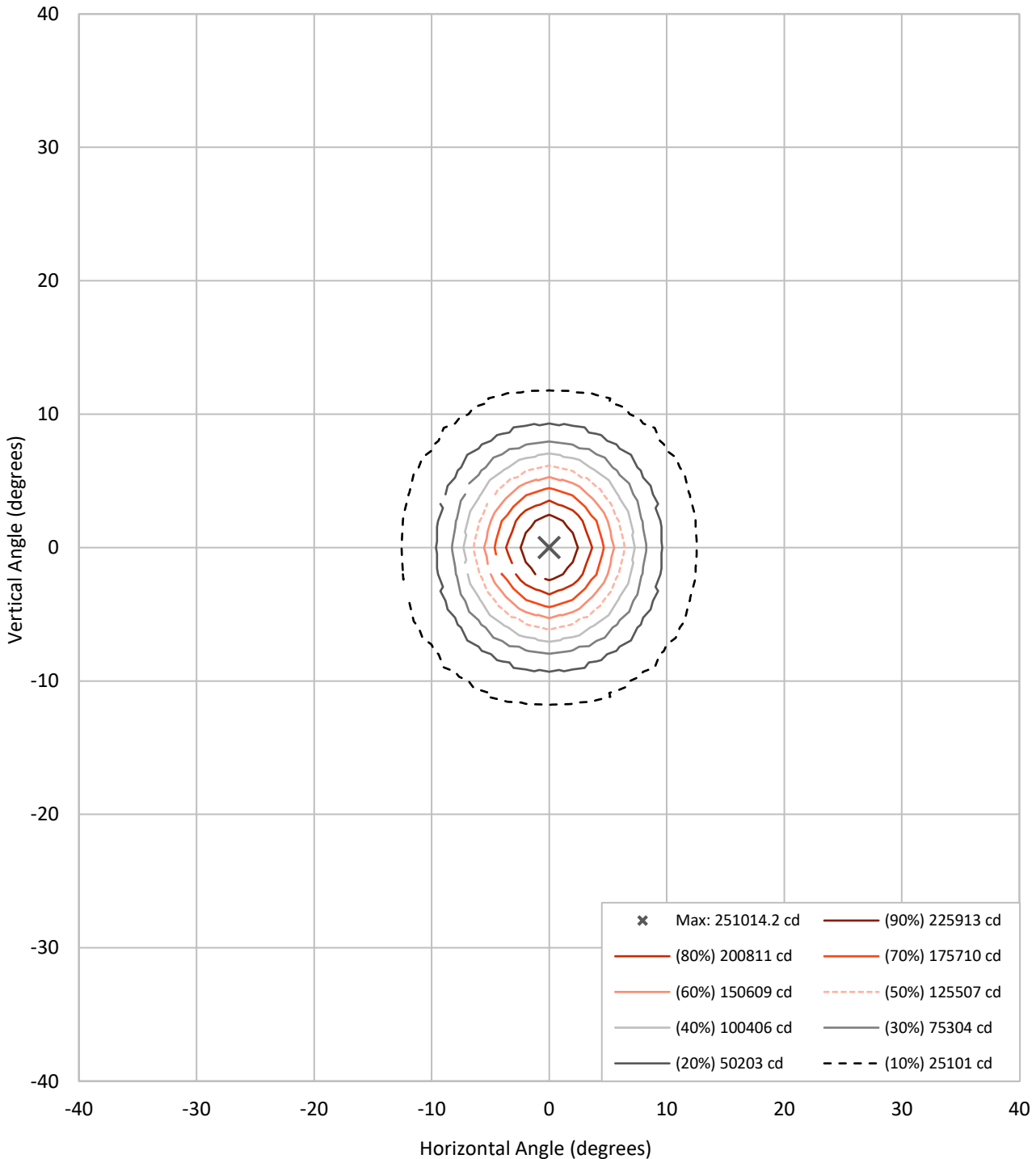
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	18195.2 lumens	Max Intensity:	251014.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	100.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	5749.4 lumens	Field Lumens:	12736.9 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

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





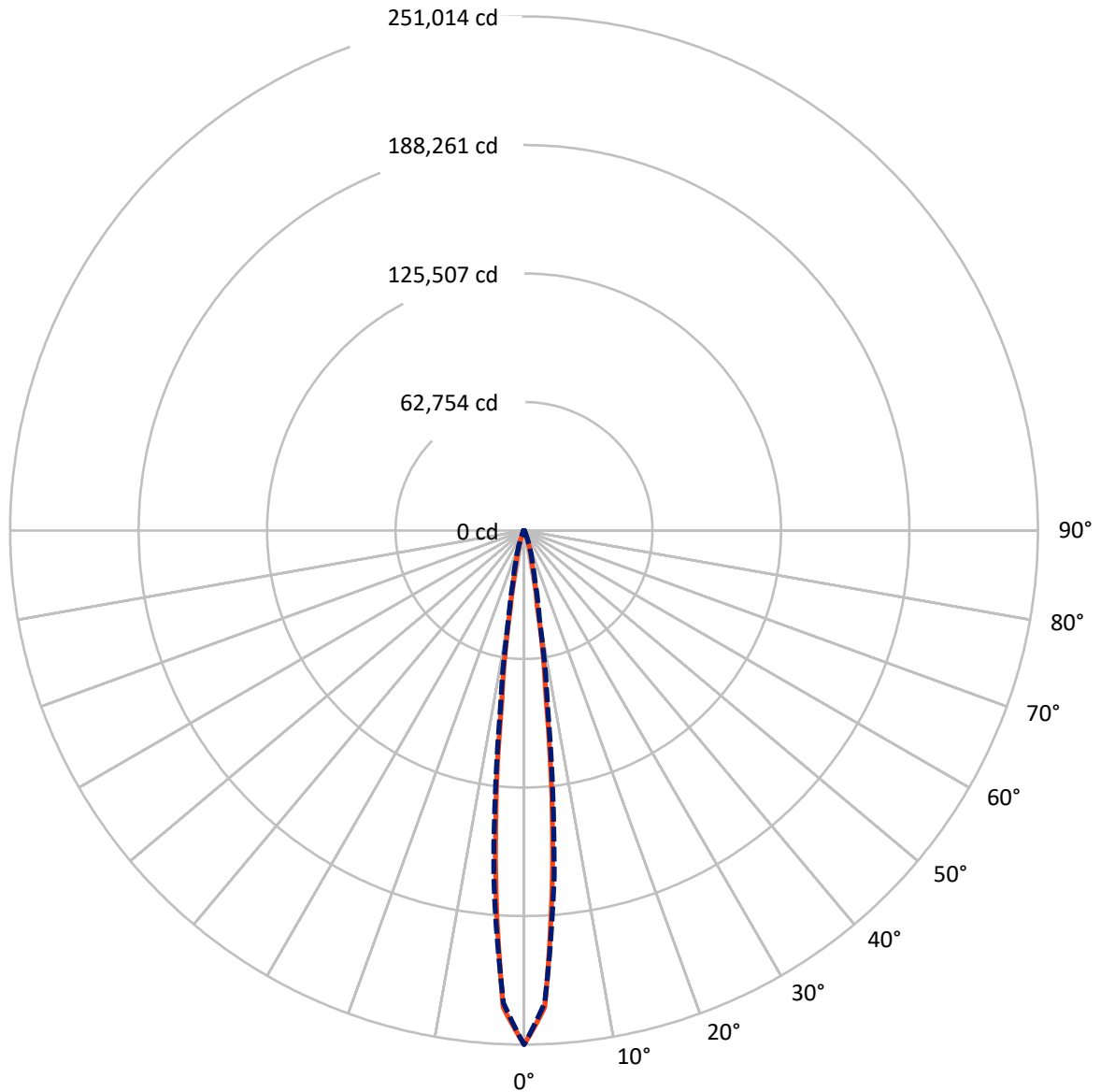
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Lumen Table

90	0.3	2.1		5.8		9.4		10.9		9.4		5.8		2.1		0.3			
80	0.3	2.1		5.8		9.4		10.9		9.4		5.8		2.1		0.3			
70	1.0	1.1	2.4	3.9	5.3	6.5	7.5	7.9	7.9	7.5	6.5	5.3	3.9	2.4	1.1	1.0			
60		1.7	3.5	5.3	6.9	8.1	8.9	9.2	9.2	8.9	8.1	6.9	5.3	3.5	1.7				
50	1.8	2.3	4.3	6.2	7.7	9.1	10.1	10.6	10.6	10.1	9.1	7.7	6.2	4.3	2.3	1.8			
40		2.7	4.8	6.7	8.6	11.1	13.9	15.7	15.7	13.9	11.1	8.6	6.7	4.8	2.7				
30	2.4	3.0	5.1	7.1	10.1	15.7	34.9	63.5	63.5	34.9	15.7	10.1	7.1	5.1	3.0	2.4			
20		3.2	5.3	7.5	12.0	33.8	190.8	419.7	419.7	190.8	33.8	12.0	7.5	5.3	3.2				
10	2.6	3.3	5.3	7.8	13.3	64.8	458.0	2962.9	2962.9	458.0	64.8	13.3	7.8	5.3	3.3	2.6			
0		3.3	5.3	7.8	13.3	64.8	458.0	2962.9	2962.9	458.0	64.8	13.3	7.8	5.3	3.3				
-10	2.4	3.2	5.3	7.5	12.0	33.8	190.8	419.7	419.7	190.8	33.8	12.0	7.5	5.3	3.2	2.4			
-20		3.0	5.1	7.1	10.1	15.7	34.9	63.5	63.5	34.9	15.7	10.1	7.1	5.1	3.0				
-30	1.8	2.7	4.8	6.7	8.6	11.1	13.9	15.7	15.7	13.9	11.1	8.6	6.7	4.8	2.7	1.8			
-40		2.3	4.3	6.2	7.7	9.1	10.1	10.6	10.6	10.1	9.1	7.7	6.2	4.3	2.3				
-50	1.0	1.7	3.5	5.3	6.9	8.1	8.9	9.2	9.2	8.9	8.1	6.9	5.3	3.5	1.7	1.0			
-60		1.1	2.4	3.9	5.3	6.5	7.5	7.9	7.9	7.5	6.5	5.3	3.9	2.4	1.1				
-70	0.3	2.1		5.8		9.4		10.9		9.4		5.8		2.1		0.3			
-80		2.1		5.8		9.4		10.9		9.4		5.8		2.1					
-90	0.3	2.1		5.8		9.4		10.9		9.4		5.8		2.1		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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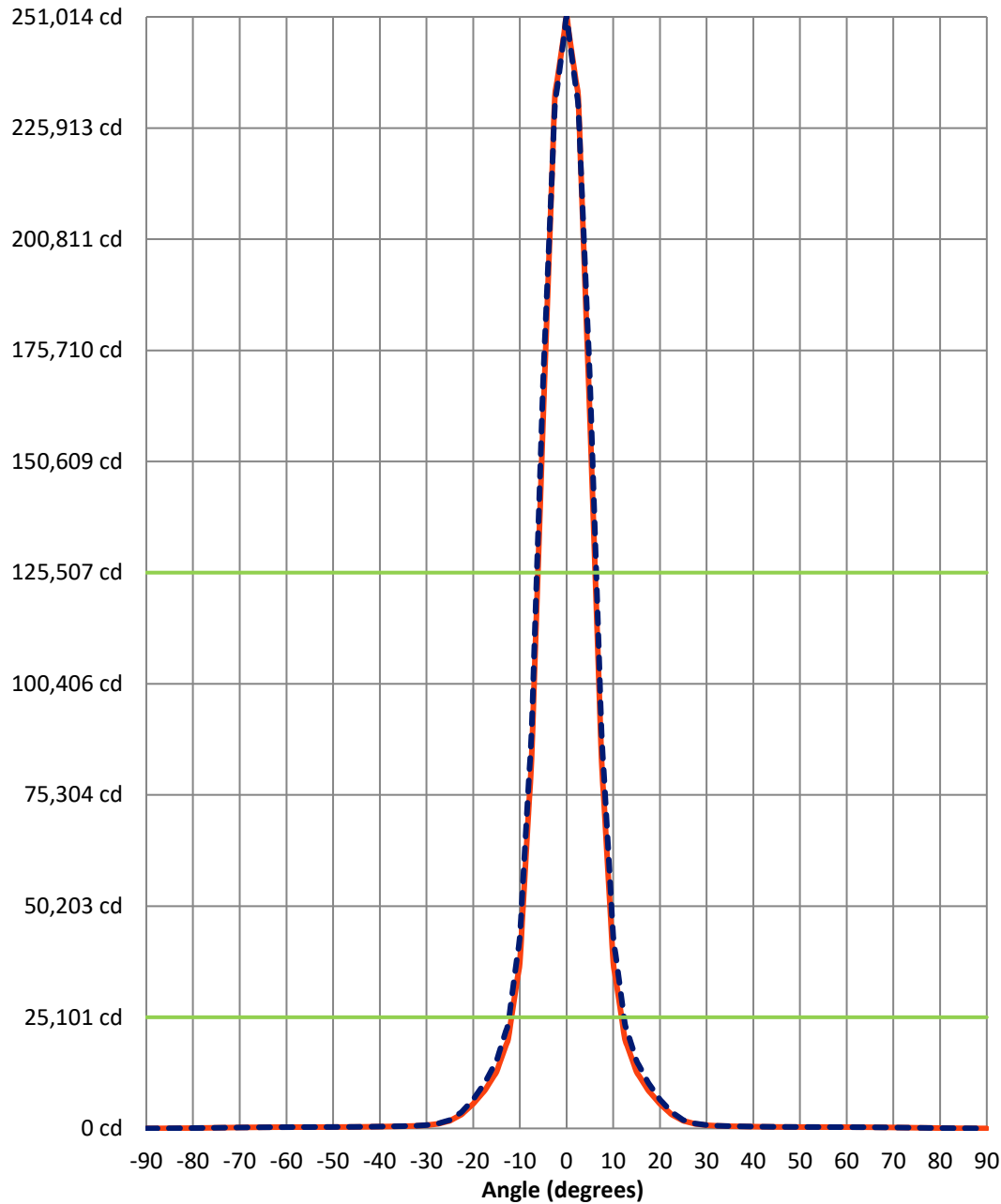
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 12.7°
V Angle: 12.3°
Lumens: 5749.4
Efficiency: 31.6%

Field:
H Angle: 24.6°
V Angle: 23.6°
Lumens: 12736.9
Efficiency: 70.0%

Spill:
Lumens: 5458.3
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	0.6	1.2	1.7	2.2	2.6	3.1	3.5	4.0	4.5	5.0
85°	0.0	1.2	2.4	3.4	4.4	5.3	6.1	7.1	8.1	9.0	10.0
82.5°	0.0	1.8	3.5	5.1	6.6	7.9	9.2	10.6	12.2	14.4	16.7
80°	0.0	2.3	4.7	6.8	8.8	10.6	12.4	15.2	18.2	21.3	24.5
77.5°	0.0	2.9	5.8	8.5	10.9	13.5	16.7	20.3	24.1	28.1	32.3
75°	0.0	3.5	7.0	10.2	13.2	17.1	20.9	25.3	30.1	35.6	40.7
72.5°	0.0	4.1	8.1	11.8	16.1	20.6	25.2	30.6	37.1	43.2	49.1
70°	0.0	4.6	9.2	13.5	18.9	24.1	29.5	36.8	44.0	50.9	60.4
67.5°	0.0	5.2	10.3	15.6	21.6	27.6	34.9	42.9	50.9	61.4	72.3
65°	0.0	5.7	11.4	17.7	24.4	31.4	40.1	49.0	59.8	71.6	84.1
62.5°	0.0	6.2	12.5	19.7	27.0	35.6	45.2	55.9	68.5	81.7	96.3
60°	0.0	6.7	13.5	21.6	29.6	39.7	50.1	63.1	76.8	92.5	108.3
57.5°	0.0	7.3	14.7	23.6	32.8	43.7	56.0	70.1	86.0	103.1	120.4
55°	0.0	7.7	16.0	25.4	35.8	47.6	61.9	77.0	95.1	113.5	132.5
52.5°	0.0	8.2	17.2	27.2	38.8	51.5	67.6	84.7	104.0	124.0	144.2
50°	0.0	8.7	18.3	29.0	41.6	56.1	73.1	92.3	112.7	134.2	155.8
47.5°	0.0	9.1	19.4	30.8	44.4	60.5	78.6	99.6	121.4	144.0	167.1
45°	0.0	9.5	20.5	32.8	47.0	64.8	84.5	106.6	129.9	153.9	178.1
42.5°	0.0	10.0	21.5	34.6	49.5	68.9	90.2	113.5	138.1	163.5	187.5
40°	0.0	10.3	22.5	36.4	52.3	72.8	95.6	120.3	145.9	172.6	196.3
37.5°	0.0	10.7	23.4	38.0	55.2	76.5	100.7	126.7	153.6	180.9	204.7
35°	0.0	11.1	24.3	39.5	58.0	80.3	105.5	132.8	160.8	187.9	212.2
32.5°	0.0	11.4	25.1	40.9	60.7	84.1	110.1	138.5	167.5	194.4	218.7
30°	0.0	11.7	25.9	42.3	63.1	87.5	114.7	143.9	173.8	200.6	224.8
27.5°	0.0	12.0	26.6	43.4	65.3	90.8	118.9	148.9	179.2	206.2	230.4
25°	0.0	12.2	27.2	44.5	67.4	93.7	122.8	153.5	183.8	211.0	235.5
22.5°	0.0	12.5	27.8	45.5	69.3	96.4	126.3	157.6	187.9	215.1	239.3
20°	0.0	12.7	28.4	46.3	71.0	98.8	129.4	161.3	191.6	218.8	242.8
17.5°	0.0	12.9	28.8	47.1	72.5	101.0	132.3	164.5	194.9	222.1	246.0
15°	0.0	13.0	29.2	47.7	73.9	102.8	134.8	167.3	197.7	224.9	248.7
12.5°	0.0	13.2	29.6	48.2	75.0	104.4	137.0	169.6	200.0	227.2	251.1
10°	0.0	13.3	29.9	48.6	76.0	105.8	138.7	171.5	201.9	229.0	252.9
7.5°	0.0	13.4	30.1	48.8	76.7	106.8	140.1	172.8	203.3	230.4	254.2
5°	0.0	13.4	30.3	49.0	77.3	107.5	141.1	173.7	204.2	231.2	255.0
2.5°	0.0	13.5	30.4	49.1	77.6	108.0	141.7	174.1	204.6	231.6	255.4
0°	0.0	13.5	30.4	49.0	77.7	108.1	141.9	174.1	204.5	231.5	255.2
-2.5°	0.0	13.5	30.4	49.1	77.6	108.0	141.7	174.1	204.6	231.6	255.4
-5°	0.0	13.4	30.3	49.0	77.3	107.5	141.1	173.7	204.2	231.2	255.0
-7.5°	0.0	13.4	30.1	48.8	76.7	106.8	140.1	172.8	203.3	230.4	254.2
-10°	0.0	13.3	29.9	48.6	76.0	105.8	138.7	171.5	201.9	229.0	252.9
-12.5°	0.0	13.2	29.6	48.2	75.0	104.4	137.0	169.6	200.0	227.2	251.1
-15°	0.0	13.0	29.2	47.7	73.9	102.8	134.8	167.3	197.7	224.9	248.7
-17.5°	0.0	12.9	28.8	47.1	72.5	101.0	132.3	164.5	194.9	222.1	246.0
-20°	0.0	12.7	28.4	46.3	71.0	98.8	129.4	161.3	191.6	218.8	242.8



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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	12.5	27.8	45.5	69.3	96.4	126.3	157.6	187.9	215.1	239.3
-25°	0.0	12.2	27.2	44.5	67.4	93.7	122.8	153.5	183.8	211.0	235.5
-27.5°	0.0	12.0	26.6	43.4	65.3	90.8	118.9	148.9	179.2	206.2	230.4
-30°	0.0	11.7	25.9	42.3	63.1	87.5	114.7	143.9	173.8	200.6	224.8
-32.5°	0.0	11.4	25.1	40.9	60.7	84.1	110.1	138.5	167.5	194.4	218.7
-35°	0.0	11.1	24.3	39.5	58.0	80.3	105.5	132.8	160.8	187.9	212.2
-37.5°	0.0	10.7	23.4	38.0	55.2	76.5	100.7	126.7	153.6	180.9	204.7
-40°	0.0	10.3	22.5	36.4	52.3	72.8	95.6	120.3	145.9	172.6	196.3
-42.5°	0.0	10.0	21.5	34.6	49.5	68.9	90.2	113.5	138.1	163.5	187.5
-45°	0.0	9.5	20.5	32.8	47.0	64.8	84.5	106.6	129.9	153.9	178.1
-47.5°	0.0	9.1	19.4	30.8	44.4	60.5	78.6	99.6	121.4	144.0	167.1
-50°	0.0	8.7	18.3	29.0	41.6	56.1	73.1	92.3	112.7	134.2	155.8
-52.5°	0.0	8.2	17.2	27.2	38.8	51.5	67.6	84.7	104.0	124.0	144.2
-55°	0.0	7.7	16.0	25.4	35.8	47.6	61.9	77.0	95.1	113.5	132.5
-57.5°	0.0	7.3	14.7	23.6	32.8	43.7	56.0	70.1	86.0	103.1	120.4
-60°	0.0	6.7	13.5	21.6	29.6	39.7	50.1	63.1	76.8	92.5	108.3
-62.5°	0.0	6.2	12.5	19.7	27.0	35.6	45.2	55.9	68.5	81.7	96.3
-65°	0.0	5.7	11.4	17.7	24.4	31.4	40.1	49.0	59.8	71.6	84.1
-67.5°	0.0	5.2	10.3	15.6	21.6	27.6	34.9	42.9	50.9	61.4	72.3
-70°	0.0	4.6	9.2	13.5	18.9	24.1	29.5	36.8	44.0	50.9	60.4
-72.5°	0.0	4.1	8.1	11.8	16.1	20.6	25.2	30.6	37.1	43.2	49.1
-75°	0.0	3.5	7.0	10.2	13.2	17.1	20.9	25.3	30.1	35.6	40.7
-77.5°	0.0	2.9	5.8	8.5	10.9	13.5	16.7	20.3	24.1	28.1	32.3
-80°	0.0	2.3	4.7	6.8	8.8	10.6	12.4	15.2	18.2	21.3	24.5
-82.5°	0.0	1.8	3.5	5.1	6.6	7.9	9.2	10.6	12.2	14.4	16.7
-85°	0.0	1.2	2.4	3.4	4.4	5.3	6.1	7.1	8.1	9.0	10.0
-87.5°	0.0	0.6	1.2	1.7	2.2	2.6	3.1	3.5	4.0	4.5	5.0
-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°	5.4	5.9	6.3	6.8	7.2	7.6	8.0	8.3	8.7	9.0	9.4
85°	10.9	11.8	13.0	14.0	15.0	15.9	16.7	17.4	18.4	19.4	20.4
82.5°	18.6	20.2	21.6	22.8	24.0	25.1	26.4	28.3	30.9	33.4	35.7
80°	26.8	28.7	31.4	34.4	37.5	40.5	43.4	46.2	49.3	52.6	56.0
77.5°	36.0	39.8	44.0	48.6	53.0	58.0	63.1	68.3	73.0	77.1	80.8
75°	45.6	50.8	57.8	64.9	71.5	78.1	84.8	91.4	97.0	102.4	107.7
72.5°	56.8	65.3	73.6	81.8	90.4	98.6	106.4	113.7	121.0	128.2	135.1
70°	70.2	79.8	89.9	100.1	110.1	119.3	128.3	137.5	146.5	154.6	161.9
67.5°	83.5	95.1	106.7	118.2	129.1	139.6	150.3	160.8	170.8	179.4	186.9
65°	97.3	110.2	123.1	135.6	147.5	159.8	171.8	183.4	192.9	200.7	208.3
62.5°	110.7	125.3	139.4	153.0	166.5	179.9	191.5	201.9	211.7	220.2	228.5
60°	124.4	140.3	155.6	170.6	184.8	197.1	208.9	219.4	229.2	238.6	245.6
57.5°	138.0	155.1	171.6	187.0	200.6	213.3	224.7	235.7	244.3	251.8	259.4
55°	151.2	169.6	186.6	201.8	215.6	227.8	239.3	248.5	257.0	264.1	271.5
52.5°	164.3	183.4	200.3	215.6	229.0	241.0	251.1	260.3	268.2	275.4	281.5
50°	177.0	195.8	213.3	227.8	241.1	252.3	261.9	270.6	278.3	284.9	290.4
47.5°	188.4	207.7	224.2	239.2	251.7	262.4	271.6	280.0	287.6	293.4	298.9
45°	198.9	218.0	234.9	249.0	261.3	271.3	280.3	289.0	295.3	301.0	305.3
42.5°	209.1	227.6	243.9	258.6	269.4	279.2	288.3	295.7	302.3	307.3	311.8
40°	217.7	236.8	252.4	265.7	276.8	286.2	294.5	302.0	308.4	313.4	318.3
37.5°	225.8	244.2	260.1	272.5	282.9	292.1	300.4	307.4	313.7	319.0	325.6
35°	233.6	251.3	266.0	278.1	288.3	297.4	305.2	312.4	318.7	325.9	333.5
32.5°	240.3	258.0	271.7	282.8	292.8	302.0	309.8	317.1	324.4	332.5	342.0
30°	245.9	263.0	276.5	286.9	296.9	305.6	314.1	321.9	329.8	339.6	352.0
27.5°	251.0	267.5	280.1	290.5	300.5	308.7	317.6	326.5	335.7	347.2	362.8
25°	255.8	271.6	283.2	293.8	303.1	311.7	320.8	329.9	341.5	356.6	377.0
22.5°	259.7	275.5	286.0	296.7	305.3	314.3	323.7	333.9	347.0	365.3	392.0
20°	262.8	277.8	288.3	299.0	307.1	316.7	326.2	337.3	353.0	376.9	407.7
17.5°	265.6	279.7	290.3	300.3	308.9	318.6	328.5	340.1	357.9	387.7	422.2
15°	268.1	281.4	291.8	301.4	310.4	320.2	330.6	343.8	364.5	398.1	435.4
12.5°	270.2	282.7	293.0	302.2	311.6	321.2	332.2	346.9	371.6	407.8	448.3
10°	272.1	283.7	293.9	302.8	312.5	321.8	333.6	348.9	376.6	413.3	456.0
7.5°	273.2	284.4	294.4	303.1	313.0	322.0	334.6	350.0	379.7	416.2	460.2
5°	273.8	285.1	295.1	303.7	313.6	322.4	335.4	350.2	381.0	416.8	461.8
2.5°	274.0	285.5	295.6	304.1	314.1	323.6	337.0	352.0	382.1	418.8	462.8
0°	273.8	285.6	295.7	304.2	314.3	324.4	338.0	353.2	381.9	420.8	463.0
-2.5°	274.0	285.5	295.6	304.1	314.1	323.6	337.0	352.0	382.1	418.8	462.8
-5°	273.8	285.1	295.1	303.7	313.6	322.4	335.4	350.2	381.0	416.8	461.8
-7.5°	273.2	284.4	294.4	303.1	313.0	322.0	334.6	350.0	379.7	416.2	460.2
-10°	272.1	283.7	293.9	302.8	312.5	321.8	333.6	348.9	376.6	413.3	456.0
-12.5°	270.2	282.7	293.0	302.2	311.6	321.2	332.2	346.9	371.6	407.8	448.3
-15°	268.1	281.4	291.8	301.4	310.4	320.2	330.6	343.8	364.5	398.1	435.4
-17.5°	265.6	279.7	290.3	300.3	308.9	318.6	328.5	340.1	357.9	387.7	422.2
-20°	262.8	277.8	288.3	299.0	307.1	316.7	326.2	337.3	353.0	376.9	407.7



REPORT NUMBER: P558872 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-940-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°	259.7	275.5	286.0	296.7	305.3	314.3	323.7	333.9	347.0	365.3	392.0
-25°	255.8	271.6	283.2	293.8	303.1	311.7	320.8	329.9	341.5	356.6	377.0
-27.5°	251.0	267.5	280.1	290.5	300.5	308.7	317.6	326.5	335.7	347.2	362.8
-30°	245.9	263.0	276.5	286.9	296.9	305.6	314.1	321.9	329.8	339.6	352.0
-32.5°	240.3	258.0	271.7	282.8	292.8	302.0	309.8	317.1	324.4	332.5	342.0
-35°	233.6	251.3	266.0	278.1	288.3	297.4	305.2	312.4	318.7	325.9	333.5
-37.5°	225.8	244.2	260.1	272.5	282.9	292.1	300.4	307.4	313.7	319.0	325.6
-40°	217.7	236.8	252.4	265.7	276.8	286.2	294.5	302.0	308.4	313.4	318.3
-42.5°	209.1	227.6	243.9	258.6	269.4	279.2	288.3	295.7	302.3	307.3	311.8
-45°	198.9	218.0	234.9	249.0	261.3	271.3	280.3	289.0	295.3	301.0	305.3
-47.5°	188.4	207.7	224.2	239.2	251.7	262.4	271.6	280.0	287.6	293.4	298.9
-50°	177.0	195.8	213.3	227.8	241.1	252.3	261.9	270.6	278.3	284.9	290.4
-52.5°	164.3	183.4	200.3	215.6	229.0	241.0	251.1	260.3	268.2	275.4	281.5
-55°	151.2	169.6	186.6	201.8	215.6	227.8	239.3	248.5	257.0	264.1	271.5
-57.5°	138.0	155.1	171.6	187.0	200.6	213.3	224.7	235.7	244.3	251.8	259.4
-60°	124.4	140.3	155.6	170.6	184.8	197.1	208.9	219.4	229.2	238.6	245.6
-62.5°	110.7	125.3	139.4	153.0	166.5	179.9	191.5	201.9	211.7	220.2	228.5
-65°	97.3	110.2	123.1	135.6	147.5	159.8	171.8	183.4	192.9	200.7	208.3
-67.5°	83.5	95.1	106.7	118.2	129.1	139.6	150.3	160.8	170.8	179.4	186.9
-70°	70.2	79.8	89.9	100.1	110.1	119.3	128.3	137.5	146.5	154.6	161.9
-72.5°	56.8	65.3	73.6	81.8	90.4	98.6	106.4	113.7	121.0	128.2	135.1
-75°	45.6	50.8	57.8	64.9	71.5	78.1	84.8	91.4	97.0	102.4	107.7
-77.5°	36.0	39.8	44.0	48.6	53.0	58.0	63.1	68.3	73.0	77.1	80.8
-80°	26.8	28.7	31.4	34.4	37.5	40.5	43.4	46.2	49.3	52.6	56.0
-82.5°	18.6	20.2	21.6	22.8	24.0	25.1	26.4	28.3	30.9	33.4	35.7
-85°	10.9	11.8	13.0	14.0	15.0	15.9	16.7	17.4	18.4	19.4	20.4
-87.5°	5.4	5.9	6.3	6.8	7.2	7.6	8.0	8.3	8.7	9.0	9.4
-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: P558872 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-940-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°	9.7	9.6	9.5	9.3	9.2	9.3	9.5	9.6	9.8	9.9	9.9
85°	21.5	22.4	23.3	24.2	25.2	25.9	26.5	27.0	27.4	27.8	28.1
82.5°	37.8	39.7	41.5	43.1	44.5	45.7	46.7	47.6	48.4	49.1	49.7
80°	59.0	61.9	64.7	67.2	69.6	71.5	73.1	74.4	75.5	76.7	77.6
77.5°	84.3	88.4	92.3	95.8	98.9	101.5	103.8	105.8	107.4	109.5	111.3
75°	112.9	117.9	122.3	126.4	130.2	133.5	136.5	139.1	141.4	143.6	145.5
72.5°	141.6	147.5	152.7	157.0	161.0	164.9	168.6	172.2	175.4	177.9	179.6
70°	168.6	174.6	180.1	185.2	189.8	194.6	199.5	204.0	208.1	210.8	212.3
67.5°	193.3	199.5	205.7	211.9	217.5	222.5	227.4	231.9	235.9	238.6	240.3
65°	215.6	222.4	229.2	235.6	241.4	245.7	250.2	254.4	258.4	261.5	263.9
62.5°	236.5	243.3	249.0	254.3	259.3	263.6	268.0	271.9	275.3	278.3	281.1
60°	252.5	259.3	264.9	269.9	274.5	278.8	282.2	285.1	287.4	289.3	291.1
57.5°	266.2	272.7	278.3	282.5	286.6	290.7	293.6	295.4	296.8	297.9	298.6
55°	278.0	283.2	287.9	292.5	296.5	300.1	302.7	303.9	304.7	305.1	305.5
52.5°	287.5	292.6	297.4	301.7	304.9	307.9	310.4	311.1	311.5	311.7	311.8
50°	296.1	301.1	304.9	308.5	311.8	314.5	316.8	317.8	318.4	318.5	318.2
47.5°	303.1	307.4	311.6	315.4	318.7	321.8	324.3	325.7	326.8	327.2	327.2
45°	309.2	314.3	318.8	323.1	327.0	331.0	334.5	336.9	339.3	340.9	341.6
42.5°	316.5	321.5	326.5	332.5	338.1	343.4	349.2	354.2	359.5	365.0	368.8
40°	323.9	329.3	337.0	344.2	352.4	359.8	371.9	384.0	393.1	400.9	408.0
37.5°	332.3	340.2	349.4	358.8	372.2	386.0	401.2	416.2	429.2	441.0	450.5
35°	341.9	352.7	363.9	380.6	397.6	414.7	432.9	452.8	469.7	482.0	490.8
32.5°	353.8	367.3	385.4	406.7	427.6	449.7	471.7	493.9	510.5	527.7	544.9
30°	367.0	386.4	409.8	435.8	461.7	488.2	515.8	546.6	575.8	607.2	652.2
27.5°	383.7	407.4	434.9	465.6	496.9	528.4	576.6	629.4	707.8	770.4	876.7
25°	401.6	429.4	462.2	497.7	536.0	592.3	680.5	784.8	969.4	1112.7	1330.0
22.5°	421.6	454.3	490.5	531.3	593.0	699.3	850.2	1117.8	1490.2	1858.1	2267.2
20°	441.3	477.4	517.1	578.9	683.7	851.8	1178.6	1757.2	2403.5	3323.8	4096.3
17.5°	460.0	498.4	548.7	632.2	789.2	1127.3	1760.1	2751.3	4101.3	5584.7	6821.7
15°	476.4	515.6	583.3	715.7	980.9	1507.5	2462.9	4150.0	6418.2	8449.2	10260.7
12.5°	490.2	536.7	620.9	783.1	1147.4	1926.8	3459.4	5855.0	8624.9	11473.3	13765.8
10°	500.3	559.1	671.2	907.8	1411.8	2425.9	4290.0	7311.8	10646.8	14108.8	18253.1
7.5°	506.4	575.1	709.3	1000.3	1647.8	2981.5	5331.8	8612.4	12442.2	17168.3	23500.3
5°	510.8	585.9	737.4	1070.0	1805.4	3348.9	5989.6	9597.8	13991.4	20825.0	33856.6
2.5°	512.9	590.7	753.5	1108.2	1877.2	3537.7	6452.5	10162.1	14934.0	23404.6	41030.9
0°	512.0	588.1	755.4	1117.0	1887.6	3682.2	6529.6	10323.2	15252.5	23635.8	43330.9
-2.5°	512.9	590.7	753.5	1108.2	1877.2	3537.7	6452.5	10162.1	14934.0	23404.6	41030.9
-5°	510.8	585.9	737.4	1070.0	1805.4	3348.9	5989.6	9597.8	13991.4	20825.0	33856.6
-7.5°	506.4	575.1	709.3	1000.3	1647.8	2981.5	5331.8	8612.4	12442.2	17168.3	23500.3
-10°	500.3	559.1	671.2	907.8	1411.8	2425.9	4290.0	7311.8	10646.8	14108.8	18253.1
-12.5°	490.2	536.7	620.9	783.1	1147.4	1926.8	3459.4	5855.0	8624.9	11473.3	13765.8
-15°	476.4	515.6	583.3	715.7	980.9	1507.5	2462.9	4150.0	6418.2	8449.2	10260.7
-17.5°	460.0	498.4	548.7	632.2	789.2	1127.3	1760.1	2751.3	4101.3	5584.7	6821.7
-20°	441.3	477.4	517.1	578.9	683.7	851.8	1178.6	1757.2	2403.5	3323.8	4096.3



REPORT NUMBER: P558872 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	421.6	454.3	490.5	531.3	593.0	699.3	850.2	1117.8	1490.2	1858.1	2267.2
-25°	401.6	429.4	462.2	497.7	536.0	592.3	680.5	784.8	969.4	1112.7	1330.0
-27.5°	383.7	407.4	434.9	465.6	496.9	528.4	576.6	629.4	707.8	770.4	876.7
-30°	367.0	386.4	409.8	435.8	461.7	488.2	515.8	546.6	575.8	607.2	652.2
-32.5°	353.8	367.3	385.4	406.7	427.6	449.7	471.7	493.9	510.5	527.7	544.9
-35°	341.9	352.7	363.9	380.6	397.6	414.7	432.9	452.8	469.7	482.0	490.8
-37.5°	332.3	340.2	349.4	358.8	372.2	386.0	401.2	416.2	429.2	441.0	450.5
-40°	323.9	329.3	337.0	344.2	352.4	359.8	371.9	384.0	393.1	400.9	408.0
-42.5°	316.5	321.5	326.5	332.5	338.1	343.4	349.2	354.2	359.5	365.0	368.8
-45°	309.2	314.3	318.8	323.1	327.0	331.0	334.5	336.9	339.3	340.9	341.6
-47.5°	303.1	307.4	311.6	315.4	318.7	321.8	324.3	325.7	326.8	327.2	327.2
-50°	296.1	301.1	304.9	308.5	311.8	314.5	316.8	317.8	318.4	318.5	318.2
-52.5°	287.5	292.6	297.4	301.7	304.9	307.9	310.4	311.1	311.5	311.7	311.8
-55°	278.0	283.2	287.9	292.5	296.5	300.1	302.7	303.9	304.7	305.1	305.5
-57.5°	266.2	272.7	278.3	282.5	286.6	290.7	293.6	295.4	296.8	297.9	298.6
-60°	252.5	259.3	264.9	269.9	274.5	278.8	282.2	285.1	287.4	289.3	291.1
-62.5°	236.5	243.3	249.0	254.3	259.3	263.6	268.0	271.9	275.3	278.3	281.1
-65°	215.6	222.4	229.2	235.6	241.4	245.7	250.2	254.4	258.4	261.5	263.9
-67.5°	193.3	199.5	205.7	211.9	217.5	222.5	227.4	231.9	235.9	238.6	240.3
-70°	168.6	174.6	180.1	185.2	189.8	194.6	199.5	204.0	208.1	210.8	212.3
-72.5°	141.6	147.5	152.7	157.0	161.0	164.9	168.6	172.2	175.4	177.9	179.6
-75°	112.9	117.9	122.3	126.4	130.2	133.5	136.5	139.1	141.4	143.6	145.5
-77.5°	84.3	88.4	92.3	95.8	98.9	101.5	103.8	105.8	107.4	109.5	111.3
-80°	59.0	61.9	64.7	67.2	69.6	71.5	73.1	74.4	75.5	76.7	77.6
-82.5°	37.8	39.7	41.5	43.1	44.5	45.7	46.7	47.6	48.4	49.1	49.7
-85°	21.5	22.4	23.3	24.2	25.2	25.9	26.5	27.0	27.4	27.8	28.1
-87.5°	9.7	9.6	9.5	9.3	9.2	9.3	9.5	9.6	9.8	9.9	9.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558872 (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°	10.0	10.1	10.1	10.1	10.1	10.1	10.0	9.9	9.9	9.8	9.6
85°	28.4	28.6	28.7	28.7	28.7	28.6	28.4	28.1	27.8	27.4	27.0
82.5°	50.1	50.4	50.6	50.7	50.6	50.4	50.1	49.7	49.1	48.4	47.6
80°	78.4	79.0	79.3	79.4	79.3	79.0	78.4	77.6	76.7	75.5	74.4
77.5°	112.9	114.2	114.7	114.9	114.7	114.2	112.9	111.3	109.5	107.4	105.8
75°	146.9	147.9	148.5	148.7	148.5	147.9	146.9	145.5	143.6	141.4	139.1
72.5°	180.9	181.6	183.1	184.2	183.1	181.6	180.9	179.6	177.9	175.4	172.2
70°	213.3	213.7	215.1	216.3	215.1	213.7	213.3	212.3	210.8	208.1	204.0
67.5°	241.5	242.3	242.3	241.6	242.3	242.3	241.5	240.3	238.6	235.9	231.9
65°	265.9	267.6	267.7	267.0	267.7	267.6	265.9	263.9	261.5	258.4	254.4
62.5°	283.8	286.1	287.1	287.3	287.1	286.1	283.8	281.1	278.3	275.3	271.9
60°	292.5	293.5	293.9	294.0	293.9	293.5	292.5	291.1	289.3	287.4	285.1
57.5°	299.0	299.0	299.0	299.1	299.0	299.0	299.0	298.6	297.9	296.8	295.4
55°	305.7	305.7	305.1	304.2	305.1	305.7	305.7	305.5	305.1	304.7	303.9
52.5°	311.5	311.0	310.2	309.2	310.2	311.0	311.5	311.8	311.7	311.5	311.1
50°	317.5	316.4	315.9	316.0	315.9	316.4	317.5	318.2	318.5	318.4	317.8
47.5°	326.9	326.2	325.9	326.1	325.9	326.2	326.9	327.2	327.2	326.8	325.7
45°	341.9	341.3	341.0	341.3	341.0	341.3	341.9	341.6	340.9	339.3	336.9
42.5°	371.0	371.2	371.1	371.8	371.1	371.2	371.0	368.8	365.0	359.5	354.2
40°	410.8	410.6	409.2	408.9	409.2	410.6	410.8	408.0	400.9	393.1	384.0
37.5°	454.4	454.4	453.0	452.9	453.0	454.4	454.4	450.5	441.0	429.2	416.2
35°	495.4	497.0	496.7	495.1	496.7	497.0	495.4	490.8	482.0	469.7	452.8
32.5°	557.2	566.6	571.6	569.5	571.6	566.6	557.2	544.9	527.7	510.5	493.9
30°	680.5	704.8	717.7	723.3	717.7	704.8	680.5	652.2	607.2	575.8	546.6
27.5°	952.7	1006.4	1030.6	1039.3	1030.6	1006.4	952.7	876.7	770.4	707.8	629.4
25°	1519.8	1641.2	1701.0	1720.3	1701.0	1641.2	1519.8	1330.0	1112.7	969.4	784.8
22.5°	2717.7	2951.3	3111.0	3146.5	3111.0	2951.3	2717.7	2267.2	1858.1	1490.2	1117.8
20°	4872.8	5324.7	5569.8	5547.8	5569.8	5324.7	4872.8	4096.3	3323.8	2403.5	1757.2
17.5°	7873.2	8452.7	8728.5	8599.6	8728.5	8452.7	7873.2	6821.7	5584.7	4101.3	2751.3
15°	11541.9	12324.8	12666.2	12771.8	12666.2	12324.8	11541.9	10260.7	8449.2	6418.2	4150.0
12.5°	16054.3	18620.7	19847.9	20176.7	19847.9	18620.7	16054.3	13765.8	11473.3	8624.9	5855.0
10°	22492.2	31118.7	36249.8	37502.7	36249.8	31118.7	22492.2	18253.1	14108.8	10646.8	7311.8
7.5°	36731.7	54261.4	73898.6	83197.7	73898.6	54261.4	36731.7	23500.3	17168.3	12442.2	8612.4
5°	56015.7	97219.9	142686.1	160509.7	142686.1	97219.9	56015.7	33856.6	20825.0	13991.4	9597.8
2.5°	79458.7	146794.5	209617.7	233036.9	209617.7	146794.5	79458.7	41030.9	23404.6	14934.0	10162.1
0°	89363.1	169237.7	230953.3	251014.2	230953.3	169237.7	89363.1	43330.9	23635.8	15252.5	10323.2
-2.5°	79458.7	146794.5	209617.7	233036.8	209617.7	146794.5	79458.7	41030.9	23404.6	14934.0	10162.1
-5°	56015.7	97219.9	142686.1	160509.7	142686.1	97219.9	56015.7	33856.6	20825.0	13991.4	9597.8
-7.5°	36731.7	54261.4	73898.6	83197.7	73898.6	54261.4	36731.7	23500.3	17168.3	12442.2	8612.4
-10°	22492.2	31118.7	36249.8	37502.7	36249.8	31118.7	22492.2	18253.1	14108.8	10646.8	7311.8
-12.5°	16054.3	18620.7	19847.9	20176.7	19847.9	18620.7	16054.3	13765.8	11473.3	8624.9	5855.0
-15°	11541.9	12324.8	12666.2	12771.8	12666.2	12324.8	11541.9	10260.7	8449.2	6418.2	4150.0
-17.5°	7873.2	8452.7	8728.5	8599.6	8728.5	8452.7	7873.2	6821.7	5584.7	4101.3	2751.3
-20°	4872.8	5324.7	5569.8	5547.8	5569.8	5324.7	4872.8	4096.3	3323.8	2403.5	1757.2



REPORT NUMBER: P558872 (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°	2717.7	2951.3	3111.0	3146.5	3111.0	2951.3	2717.7	2267.2	1858.1	1490.2	1117.8
-25°	1519.8	1641.2	1701.0	1720.3	1701.0	1641.2	1519.8	1330.0	1112.7	969.4	784.8
-27.5°	952.7	1006.4	1030.6	1039.3	1030.6	1006.4	952.7	876.7	770.4	707.8	629.4
-30°	680.5	704.8	717.7	723.3	717.7	704.8	680.5	652.2	607.2	575.8	546.6
-32.5°	557.2	566.6	571.6	569.5	571.6	566.6	557.2	544.9	527.7	510.5	493.9
-35°	495.4	497.0	496.7	495.1	496.7	497.0	495.4	490.8	482.0	469.7	452.8
-37.5°	454.4	454.4	453.0	452.9	453.0	454.4	454.4	450.5	441.0	429.2	416.2
-40°	410.8	410.6	409.2	408.9	409.2	410.6	410.8	408.0	400.9	393.1	384.0
-42.5°	371.0	371.2	371.1	371.8	371.1	371.2	371.0	368.8	365.0	359.5	354.2
-45°	341.9	341.3	341.0	341.3	341.0	341.3	341.9	341.6	340.9	339.3	336.9
-47.5°	326.9	326.2	325.9	326.1	325.9	326.2	326.9	327.2	327.2	326.8	325.7
-50°	317.5	316.4	315.9	316.0	315.9	316.4	317.5	318.2	318.5	318.4	317.8
-52.5°	311.5	311.0	310.2	309.2	310.2	311.0	311.5	311.8	311.7	311.5	311.1
-55°	305.7	305.7	305.1	304.2	305.1	305.7	305.7	305.5	305.1	304.7	303.9
-57.5°	299.0	299.0	299.0	299.1	299.0	299.0	299.0	298.6	297.9	296.8	295.4
-60°	292.5	293.5	293.9	294.0	293.9	293.5	292.5	291.1	289.3	287.4	285.1
-62.5°	283.8	286.1	287.1	287.3	287.1	286.1	283.8	281.1	278.3	275.3	271.9
-65°	265.9	267.6	267.7	267.0	267.7	267.6	265.9	263.9	261.5	258.4	254.4
-67.5°	241.5	242.3	242.3	241.6	242.3	242.3	241.5	240.3	238.6	235.9	231.9
-70°	213.3	213.7	215.1	216.3	215.1	213.7	213.3	212.3	210.8	208.1	204.0
-72.5°	180.9	181.6	183.1	184.2	183.1	181.6	180.9	179.6	177.9	175.4	172.2
-75°	146.9	147.9	148.5	148.7	148.5	147.9	146.9	145.5	143.6	141.4	139.1
-77.5°	112.9	114.2	114.7	114.9	114.7	114.2	112.9	111.3	109.5	107.4	105.8
-80°	78.4	79.0	79.3	79.4	79.3	79.0	78.4	77.6	76.7	75.5	74.4
-82.5°	50.1	50.4	50.6	50.7	50.6	50.4	50.1	49.7	49.1	48.4	47.6
-85°	28.4	28.6	28.7	28.7	28.7	28.6	28.4	28.1	27.8	27.4	27.0
-87.5°	10.0	10.1	10.1	10.1	10.1	10.1	10.0	9.9	9.9	9.8	9.6
-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: P558872 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-940-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°	9.5	9.3	9.2	9.3	9.5	9.6	9.7	9.4	9.0	8.7	8.3
85°	26.5	25.9	25.2	24.2	23.3	22.4	21.5	20.4	19.4	18.4	17.4
82.5°	46.7	45.7	44.5	43.1	41.5	39.7	37.8	35.7	33.4	30.9	28.3
80°	73.1	71.5	69.6	67.2	64.7	61.9	59.0	56.0	52.6	49.3	46.2
77.5°	103.8	101.5	98.9	95.8	92.3	88.4	84.3	80.8	77.1	73.0	68.3
75°	136.5	133.5	130.2	126.4	122.3	117.9	112.9	107.7	102.4	97.0	91.4
72.5°	168.6	164.9	161.0	157.0	152.7	147.5	141.6	135.1	128.2	121.0	113.7
70°	199.5	194.6	189.8	185.2	180.1	174.6	168.6	161.9	154.6	146.5	137.5
67.5°	227.4	222.5	217.5	211.9	205.7	199.5	193.3	186.9	179.4	170.8	160.8
65°	250.2	245.7	241.4	235.6	229.2	222.4	215.6	208.3	200.7	192.9	183.4
62.5°	268.0	263.6	259.3	254.3	249.0	243.3	236.5	228.5	220.2	211.7	201.9
60°	282.2	278.8	274.5	269.9	264.9	259.3	252.5	245.6	238.6	229.2	219.4
57.5°	293.6	290.7	286.6	282.5	278.3	272.7	266.2	259.4	251.8	244.3	235.7
55°	302.7	300.1	296.5	292.5	287.9	283.2	278.0	271.5	264.1	257.0	248.5
52.5°	310.4	307.9	304.9	301.7	297.4	292.6	287.5	281.5	275.4	268.2	260.3
50°	316.8	314.5	311.8	308.5	304.9	301.1	296.1	290.4	284.9	278.3	270.6
47.5°	324.3	321.8	318.7	315.4	311.6	307.4	303.1	298.9	293.4	287.6	280.0
45°	334.5	331.0	327.0	323.1	318.8	314.3	309.2	305.3	301.0	295.3	289.0
42.5°	349.2	343.4	338.1	332.5	326.5	321.5	316.5	311.8	307.3	302.3	295.7
40°	371.9	359.8	352.4	344.2	337.0	329.3	323.9	318.3	313.4	308.4	302.0
37.5°	401.2	386.0	372.2	358.8	349.4	340.2	332.3	325.6	319.0	313.7	307.4
35°	432.9	414.7	397.6	380.6	363.9	352.7	341.9	333.5	325.9	318.7	312.4
32.5°	471.7	449.7	427.6	406.7	385.4	367.3	353.8	342.0	332.5	324.4	317.1
30°	515.8	488.2	461.7	435.8	409.8	386.4	367.0	352.0	339.6	329.8	321.9
27.5°	576.6	528.4	496.9	465.6	434.9	407.4	383.7	362.8	347.2	335.7	326.5
25°	680.5	592.3	536.0	497.7	462.2	429.4	401.6	377.0	356.6	341.5	329.9
22.5°	850.2	699.3	593.0	531.3	490.5	454.3	421.6	392.0	365.3	347.0	333.9
20°	1178.6	851.8	683.7	578.9	517.1	477.4	441.3	407.7	376.9	353.0	337.3
17.5°	1760.1	1127.3	789.2	632.2	548.7	498.4	460.0	422.2	387.7	357.9	340.1
15°	2462.9	1507.5	980.9	715.7	583.3	515.6	476.4	435.4	398.1	364.5	343.8
12.5°	3459.4	1926.8	1147.4	783.1	620.9	536.7	490.2	448.3	407.8	371.6	346.9
10°	4290.0	2425.9	1411.8	907.8	671.2	559.1	500.3	456.0	413.3	376.6	348.9
7.5°	5331.8	2981.5	1647.8	1000.3	709.3	575.1	506.4	460.2	416.2	379.7	350.0
5°	5989.6	3348.9	1805.4	1070.0	737.4	585.9	510.8	461.8	416.8	381.0	350.2
2.5°	6452.5	3537.7	1877.2	1108.2	753.5	590.7	512.9	462.8	418.8	382.1	352.0
0°	6529.6	3682.2	1887.6	1117.0	755.4	588.1	512.0	463.0	420.8	381.9	353.2
-2.5°	6452.5	3537.7	1877.2	1108.2	753.5	590.7	512.9	462.8	418.8	382.1	352.0
-5°	5989.6	3348.9	1805.4	1070.0	737.4	585.9	510.8	461.8	416.8	381.0	350.2
-7.5°	5331.8	2981.5	1647.8	1000.3	709.3	575.1	506.4	460.2	416.2	379.7	350.0
-10°	4290.0	2425.9	1411.8	907.8	671.2	559.1	500.3	456.0	413.3	376.6	348.9
-12.5°	3459.4	1926.8	1147.4	783.1	620.9	536.7	490.2	448.3	407.8	371.6	346.9
-15°	2462.9	1507.5	980.9	715.7	583.3	515.6	476.4	435.4	398.1	364.5	343.8
-17.5°	1760.1	1127.3	789.2	632.2	548.7	498.4	460.0	422.2	387.7	357.9	340.1
-20°	1178.6	851.8	683.7	578.9	517.1	477.4	441.3	407.7	376.9	353.0	337.3



REPORT NUMBER: P558872 (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°	850.2	699.3	593.0	531.3	490.5	454.3	421.6	392.0	365.3	347.0	333.9
-25°	680.5	592.3	536.0	497.7	462.2	429.4	401.6	377.0	356.6	341.5	329.9
-27.5°	576.6	528.4	496.9	465.6	434.9	407.4	383.7	362.8	347.2	335.7	326.5
-30°	515.8	488.2	461.7	435.8	409.8	386.4	367.0	352.0	339.6	329.8	321.9
-32.5°	471.7	449.7	427.6	406.7	385.4	367.3	353.8	342.0	332.5	324.4	317.1
-35°	432.9	414.7	397.6	380.6	363.9	352.7	341.9	333.5	325.9	318.7	312.4
-37.5°	401.2	386.0	372.2	358.8	349.4	340.2	332.3	325.6	319.0	313.7	307.4
-40°	371.9	359.8	352.4	344.2	337.0	329.3	323.9	318.3	313.4	308.4	302.0
-42.5°	349.2	343.4	338.1	332.5	326.5	321.5	316.5	311.8	307.3	302.3	295.7
-45°	334.5	331.0	327.0	323.1	318.8	314.3	309.2	305.3	301.0	295.3	289.0
-47.5°	324.3	321.8	318.7	315.4	311.6	307.4	303.1	298.9	293.4	287.6	280.0
-50°	316.8	314.5	311.8	308.5	304.9	301.1	296.1	290.4	284.9	278.3	270.6
-52.5°	310.4	307.9	304.9	301.7	297.4	292.6	287.5	281.5	275.4	268.2	260.3
-55°	302.7	300.1	296.5	292.5	287.9	283.2	278.0	271.5	264.1	257.0	248.5
-57.5°	293.6	290.7	286.6	282.5	278.3	272.7	266.2	259.4	251.8	244.3	235.7
-60°	282.2	278.8	274.5	269.9	264.9	259.3	252.5	245.6	238.6	229.2	219.4
-62.5°	268.0	263.6	259.3	254.3	249.0	243.3	236.5	228.5	220.2	211.7	201.9
-65°	250.2	245.7	241.4	235.6	229.2	222.4	215.6	208.3	200.7	192.9	183.4
-67.5°	227.4	222.5	217.5	211.9	205.7	199.5	193.3	186.9	179.4	170.8	160.8
-70°	199.5	194.6	189.8	185.2	180.1	174.6	168.6	161.9	154.6	146.5	137.5
-72.5°	168.6	164.9	161.0	157.0	152.7	147.5	141.6	135.1	128.2	121.0	113.7
-75°	136.5	133.5	130.2	126.4	122.3	117.9	112.9	107.7	102.4	97.0	91.4
-77.5°	103.8	101.5	98.9	95.8	92.3	88.4	84.3	80.8	77.1	73.0	68.3
-80°	73.1	71.5	69.6	67.2	64.7	61.9	59.0	56.0	52.6	49.3	46.2
-82.5°	46.7	45.7	44.5	43.1	41.5	39.7	37.8	35.7	33.4	30.9	28.3
-85°	26.5	25.9	25.2	24.2	23.3	22.4	21.5	20.4	19.4	18.4	17.4
-87.5°	9.5	9.3	9.2	9.3	9.5	9.6	9.7	9.4	9.0	8.7	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: P558872 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-940-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°	8.0	7.6	7.2	6.8	6.3	5.9	5.4	5.0	4.5	4.0	3.5
85°	16.7	15.9	15.0	14.0	13.0	11.8	10.9	10.0	9.0	8.1	7.1
82.5°	26.4	25.1	24.0	22.8	21.6	20.2	18.6	16.7	14.4	12.2	10.6
80°	43.4	40.5	37.5	34.4	31.4	28.7	26.8	24.5	21.3	18.2	15.2
77.5°	63.1	58.0	53.0	48.6	44.0	39.8	36.0	32.3	28.1	24.1	20.3
75°	84.8	78.1	71.5	64.9	57.8	50.8	45.6	40.7	35.6	30.1	25.3
72.5°	106.4	98.6	90.4	81.8	73.6	65.3	56.8	49.1	43.2	37.1	30.6
70°	128.3	119.3	110.1	100.1	89.9	79.8	70.2	60.4	50.9	44.0	36.8
67.5°	150.3	139.6	129.1	118.2	106.7	95.1	83.5	72.3	61.4	50.9	42.9
65°	171.8	159.8	147.5	135.6	123.1	110.2	97.3	84.1	71.6	59.8	49.0
62.5°	191.5	179.9	166.5	153.0	139.4	125.3	110.7	96.3	81.7	68.5	55.9
60°	208.9	197.1	184.8	170.6	155.6	140.3	124.4	108.3	92.5	76.8	63.1
57.5°	224.7	213.3	200.6	187.0	171.6	155.1	138.0	120.4	103.1	86.0	70.1
55°	239.3	227.8	215.6	201.8	186.6	169.6	151.2	132.5	113.5	95.1	77.0
52.5°	251.1	241.0	229.0	215.6	200.3	183.4	164.3	144.2	124.0	104.0	84.7
50°	261.9	252.3	241.1	227.8	213.3	195.8	177.0	155.8	134.2	112.7	92.3
47.5°	271.6	262.4	251.7	239.2	224.2	207.7	188.4	167.1	144.0	121.4	99.6
45°	280.3	271.3	261.3	249.0	234.9	218.0	198.9	178.1	153.9	129.9	106.6
42.5°	288.3	279.2	269.4	258.6	243.9	227.6	209.1	187.5	163.5	138.1	113.5
40°	294.5	286.2	276.8	265.7	252.4	236.8	217.7	196.3	172.6	145.9	120.3
37.5°	300.4	292.1	282.9	272.5	260.1	244.2	225.8	204.7	180.9	153.6	126.7
35°	305.2	297.4	288.3	278.1	266.0	251.3	233.6	212.2	187.9	160.8	132.8
32.5°	309.8	302.0	292.8	282.8	271.7	258.0	240.3	218.7	194.4	167.5	138.5
30°	314.1	305.6	296.9	286.9	276.5	263.0	245.9	224.8	200.6	173.8	143.9
27.5°	317.6	308.7	300.5	290.5	280.1	267.5	251.0	230.4	206.2	179.2	148.9
25°	320.8	311.7	303.1	293.8	283.2	271.6	255.8	235.5	211.0	183.8	153.5
22.5°	323.7	314.3	305.3	296.7	286.0	275.5	259.7	239.3	215.1	187.9	157.6
20°	326.2	316.7	307.1	299.0	288.3	277.8	262.8	242.8	218.8	191.6	161.3
17.5°	328.5	318.6	308.9	300.3	290.3	279.7	265.6	246.0	222.1	194.9	164.5
15°	330.6	320.2	310.4	301.4	291.8	281.4	268.1	248.7	224.9	197.7	167.3
12.5°	332.2	321.2	311.6	302.2	293.0	282.7	270.2	251.1	227.2	200.0	169.6
10°	333.6	321.8	312.5	302.8	293.9	283.7	272.1	252.9	229.0	201.9	171.5
7.5°	334.6	322.0	313.0	303.1	294.4	284.4	273.2	254.2	230.4	203.3	172.8
5°	335.4	322.4	313.6	303.7	295.1	285.1	273.8	255.0	231.2	204.2	173.7
2.5°	337.0	323.6	314.1	304.1	295.6	285.5	274.0	255.4	231.6	204.6	174.1
0°	338.0	324.4	314.3	304.2	295.7	285.6	273.8	255.2	231.5	204.5	174.1
-2.5°	337.0	323.6	314.1	304.1	295.6	285.5	274.0	255.4	231.6	204.6	174.1
-5°	335.4	322.4	313.6	303.7	295.1	285.1	273.8	255.0	231.2	204.2	173.7
-7.5°	334.6	322.0	313.0	303.1	294.4	284.4	273.2	254.2	230.4	203.3	172.8
-10°	333.6	321.8	312.5	302.8	293.9	283.7	272.1	252.9	229.0	201.9	171.5
-12.5°	332.2	321.2	311.6	302.2	293.0	282.7	270.2	251.1	227.2	200.0	169.6
-15°	330.6	320.2	310.4	301.4	291.8	281.4	268.1	248.7	224.9	197.7	167.3
-17.5°	328.5	318.6	308.9	300.3	290.3	279.7	265.6	246.0	222.1	194.9	164.5
-20°	326.2	316.7	307.1	299.0	288.3	277.8	262.8	242.8	218.8	191.6	161.3



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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°	323.7	314.3	305.3	296.7	286.0	275.5	259.7	239.3	215.1	187.9	157.6
-25°	320.8	311.7	303.1	293.8	283.2	271.6	255.8	235.5	211.0	183.8	153.5
-27.5°	317.6	308.7	300.5	290.5	280.1	267.5	251.0	230.4	206.2	179.2	148.9
-30°	314.1	305.6	296.9	286.9	276.5	263.0	245.9	224.8	200.6	173.8	143.9
-32.5°	309.8	302.0	292.8	282.8	271.7	258.0	240.3	218.7	194.4	167.5	138.5
-35°	305.2	297.4	288.3	278.1	266.0	251.3	233.6	212.2	187.9	160.8	132.8
-37.5°	300.4	292.1	282.9	272.5	260.1	244.2	225.8	204.7	180.9	153.6	126.7
-40°	294.5	286.2	276.8	265.7	252.4	236.8	217.7	196.3	172.6	145.9	120.3
-42.5°	288.3	279.2	269.4	258.6	243.9	227.6	209.1	187.5	163.5	138.1	113.5
-45°	280.3	271.3	261.3	249.0	234.9	218.0	198.9	178.1	153.9	129.9	106.6
-47.5°	271.6	262.4	251.7	239.2	224.2	207.7	188.4	167.1	144.0	121.4	99.6
-50°	261.9	252.3	241.1	227.8	213.3	195.8	177.0	155.8	134.2	112.7	92.3
-52.5°	251.1	241.0	229.0	215.6	200.3	183.4	164.3	144.2	124.0	104.0	84.7
-55°	239.3	227.8	215.6	201.8	186.6	169.6	151.2	132.5	113.5	95.1	77.0
-57.5°	224.7	213.3	200.6	187.0	171.6	155.1	138.0	120.4	103.1	86.0	70.1
-60°	208.9	197.1	184.8	170.6	155.6	140.3	124.4	108.3	92.5	76.8	63.1
-62.5°	191.5	179.9	166.5	153.0	139.4	125.3	110.7	96.3	81.7	68.5	55.9
-65°	171.8	159.8	147.5	135.6	123.1	110.2	97.3	84.1	71.6	59.8	49.0
-67.5°	150.3	139.6	129.1	118.2	106.7	95.1	83.5	72.3	61.4	50.9	42.9
-70°	128.3	119.3	110.1	100.1	89.9	79.8	70.2	60.4	50.9	44.0	36.8
-72.5°	106.4	98.6	90.4	81.8	73.6	65.3	56.8	49.1	43.2	37.1	30.6
-75°	84.8	78.1	71.5	64.9	57.8	50.8	45.6	40.7	35.6	30.1	25.3
-77.5°	63.1	58.0	53.0	48.6	44.0	39.8	36.0	32.3	28.1	24.1	20.3
-80°	43.4	40.5	37.5	34.4	31.4	28.7	26.8	24.5	21.3	18.2	15.2
-82.5°	26.4	25.1	24.0	22.8	21.6	20.2	18.6	16.7	14.4	12.2	10.6
-85°	16.7	15.9	15.0	14.0	13.0	11.8	10.9	10.0	9.0	8.1	7.1
-87.5°	8.0	7.6	7.2	6.8	6.3	5.9	5.4	5.0	4.5	4.0	3.5
-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°	3.1	2.6	2.2	1.7	1.2	0.6	0.0
85°	6.1	5.3	4.4	3.4	2.4	1.2	0.0
82.5°	9.2	7.9	6.6	5.1	3.5	1.8	0.0
80°	12.4	10.6	8.8	6.8	4.7	2.3	0.0
77.5°	16.7	13.5	10.9	8.5	5.8	2.9	0.0
75°	20.9	17.1	13.2	10.2	7.0	3.5	0.0
72.5°	25.2	20.6	16.1	11.8	8.1	4.1	0.0
70°	29.5	24.1	18.9	13.5	9.2	4.6	0.0
67.5°	34.9	27.6	21.6	15.6	10.3	5.2	0.0
65°	40.1	31.4	24.4	17.7	11.4	5.7	0.0
62.5°	45.2	35.6	27.0	19.7	12.5	6.2	0.0
60°	50.1	39.7	29.6	21.6	13.5	6.7	0.0
57.5°	56.0	43.7	32.8	23.6	14.7	7.3	0.0
55°	61.9	47.6	35.8	25.4	16.0	7.7	0.0
52.5°	67.6	51.5	38.8	27.2	17.2	8.2	0.0
50°	73.1	56.1	41.6	29.0	18.3	8.7	0.0
47.5°	78.6	60.5	44.4	30.8	19.4	9.1	0.0
45°	84.5	64.8	47.0	32.8	20.5	9.5	0.0
42.5°	90.2	68.9	49.5	34.6	21.5	10.0	0.0
40°	95.6	72.8	52.3	36.4	22.5	10.3	0.0
37.5°	100.7	76.5	55.2	38.0	23.4	10.7	0.0
35°	105.5	80.3	58.0	39.5	24.3	11.1	0.0
32.5°	110.1	84.1	60.7	40.9	25.1	11.4	0.0
30°	114.7	87.5	63.1	42.3	25.9	11.7	0.0
27.5°	118.9	90.8	65.3	43.4	26.6	12.0	0.0
25°	122.8	93.7	67.4	44.5	27.2	12.2	0.0
22.5°	126.3	96.4	69.3	45.5	27.8	12.5	0.0
20°	129.4	98.8	71.0	46.3	28.4	12.7	0.0
17.5°	132.3	101.0	72.5	47.1	28.8	12.9	0.0
15°	134.8	102.8	73.9	47.7	29.2	13.0	0.0
12.5°	137.0	104.4	75.0	48.2	29.6	13.2	0.0
10°	138.7	105.8	76.0	48.6	29.9	13.3	0.0
7.5°	140.1	106.8	76.7	48.8	30.1	13.4	0.0
5°	141.1	107.5	77.3	49.0	30.3	13.4	0.0
2.5°	141.7	108.0	77.6	49.1	30.4	13.5	0.0
0°	141.9	108.1	77.7	49.0	30.4	13.5	0.0
-2.5°	141.7	108.0	77.6	49.1	30.4	13.5	0.0
-5°	141.1	107.5	77.3	49.0	30.3	13.4	0.0
-7.5°	140.1	106.8	76.7	48.8	30.1	13.4	0.0
-10°	138.7	105.8	76.0	48.6	29.9	13.3	0.0
-12.5°	137.0	104.4	75.0	48.2	29.6	13.2	0.0
-15°	134.8	102.8	73.9	47.7	29.2	13.0	0.0
-17.5°	132.3	101.0	72.5	47.1	28.8	12.9	0.0
-20°	129.4	98.8	71.0	46.3	28.4	12.7	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	126.3	96.4	69.3	45.5	27.8	12.5	0.0
-25°	122.8	93.7	67.4	44.5	27.2	12.2	0.0
-27.5°	118.9	90.8	65.3	43.4	26.6	12.0	0.0
-30°	114.7	87.5	63.1	42.3	25.9	11.7	0.0
-32.5°	110.1	84.1	60.7	40.9	25.1	11.4	0.0
-35°	105.5	80.3	58.0	39.5	24.3	11.1	0.0
-37.5°	100.7	76.5	55.2	38.0	23.4	10.7	0.0
-40°	95.6	72.8	52.3	36.4	22.5	10.3	0.0
-42.5°	90.2	68.9	49.5	34.6	21.5	10.0	0.0
-45°	84.5	64.8	47.0	32.8	20.5	9.5	0.0
-47.5°	78.6	60.5	44.4	30.8	19.4	9.1	0.0
-50°	73.1	56.1	41.6	29.0	18.3	8.7	0.0
-52.5°	67.6	51.5	38.8	27.2	17.2	8.2	0.0
-55°	61.9	47.6	35.8	25.4	16.0	7.7	0.0
-57.5°	56.0	43.7	32.8	23.6	14.7	7.3	0.0
-60°	50.1	39.7	29.6	21.6	13.5	6.7	0.0
-62.5°	45.2	35.6	27.0	19.7	12.5	6.2	0.0
-65°	40.1	31.4	24.4	17.7	11.4	5.7	0.0
-67.5°	34.9	27.6	21.6	15.6	10.3	5.2	0.0
-70°	29.5	24.1	18.9	13.5	9.2	4.6	0.0
-72.5°	25.2	20.6	16.1	11.8	8.1	4.1	0.0
-75°	20.9	17.1	13.2	10.2	7.0	3.5	0.0
-77.5°	16.7	13.5	10.9	8.5	5.8	2.9	0.0
-80°	12.4	10.6	8.8	6.8	4.7	2.3	0.0
-82.5°	9.2	7.9	6.6	5.1	3.5	1.8	0.0
-85°	6.1	5.3	4.4	3.4	2.4	1.2	0.0
-87.5°	3.1	2.6	2.2	1.7	1.2	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)