

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: P558840 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558840 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA3D-940-U-TS-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, TIGHT SPOT N2
Light Source: (48) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

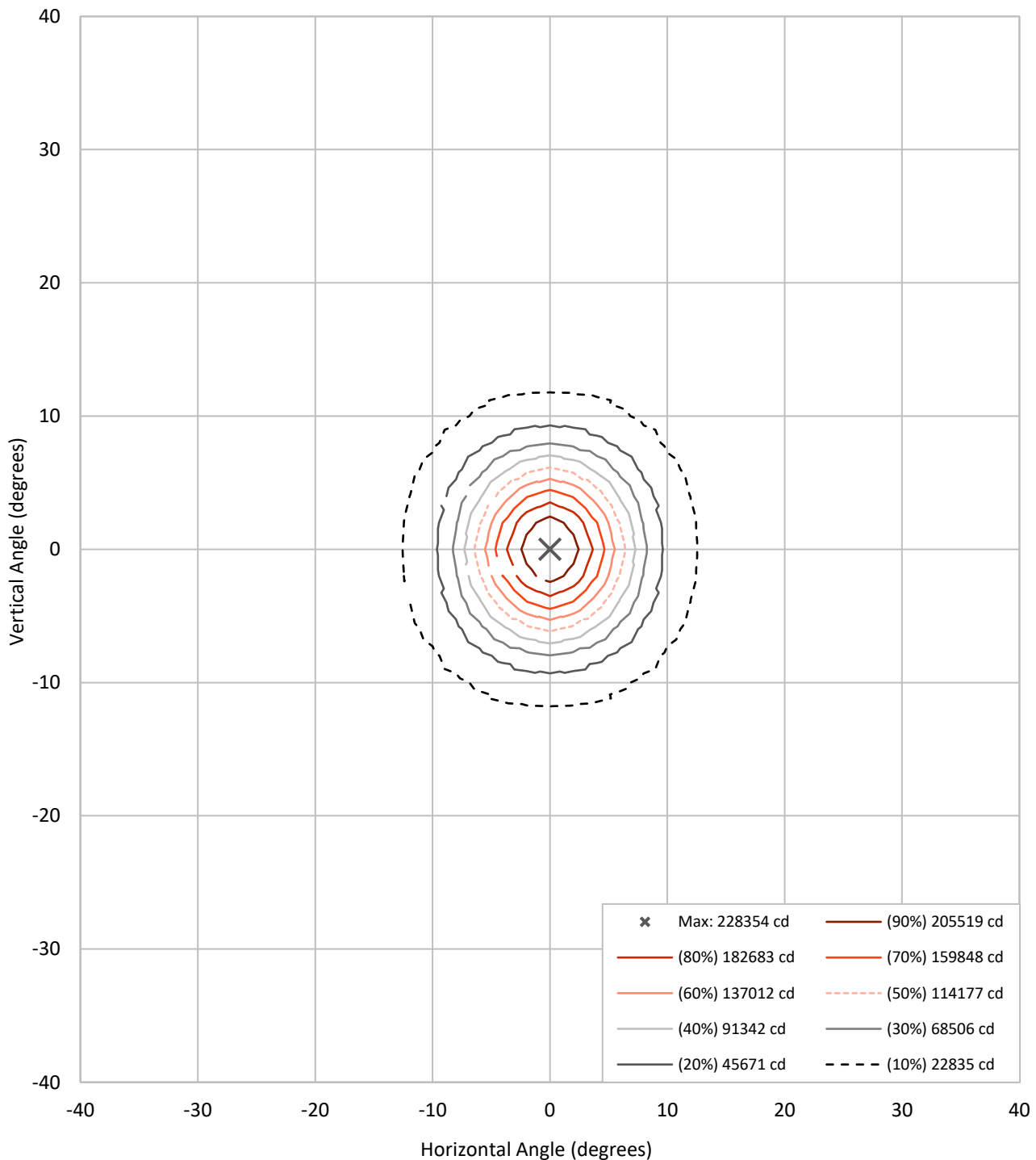
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	16552.6 lumens	Max Intensity:	228354 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	104.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	5230.4 lumens	Field Lumens:	11587.1 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 158
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot





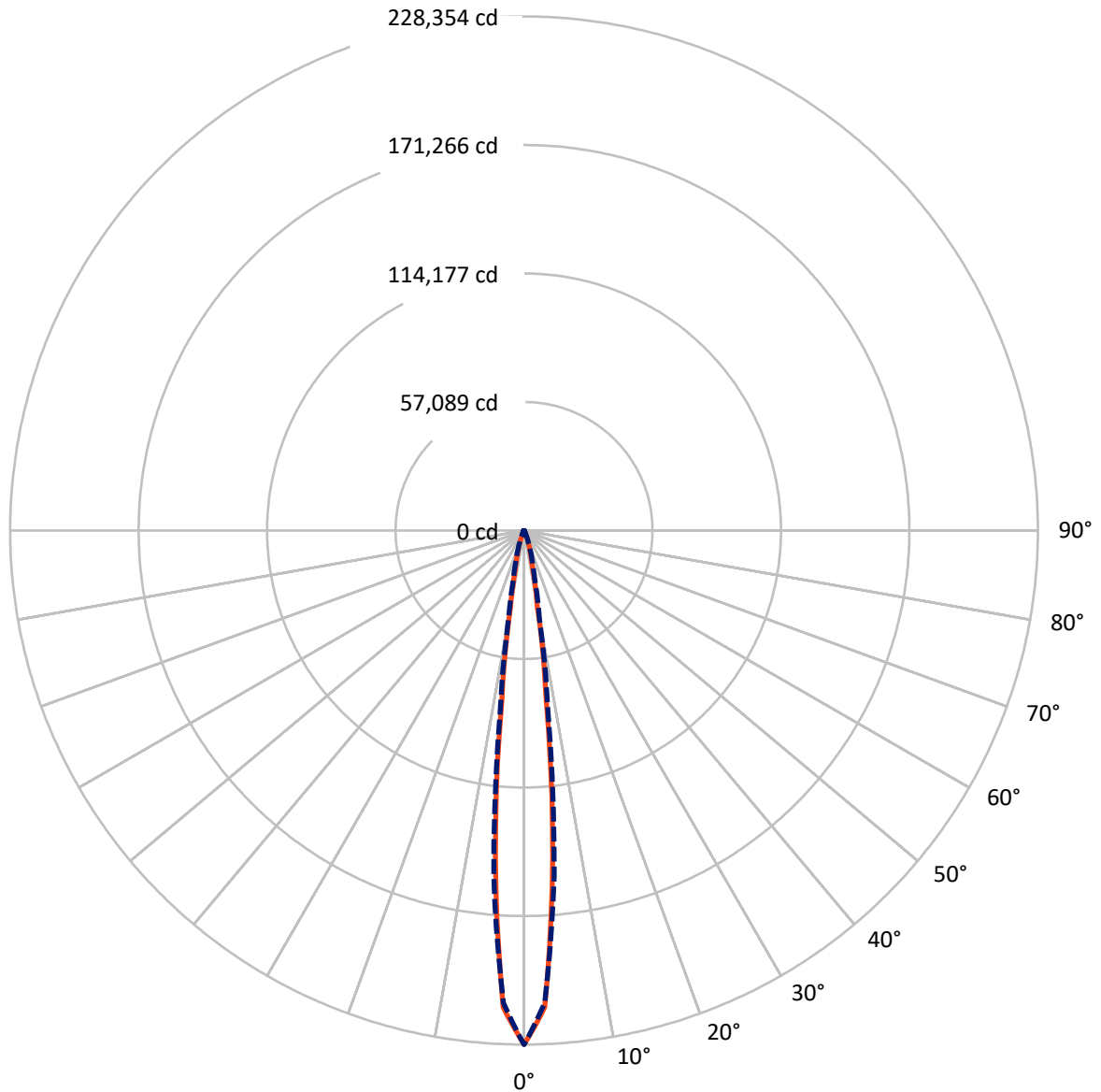
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Lumen Table

90	0.2	1.9		5.3		8.6		9.9		8.6		5.3		1.9		0.2			
80	0.2	1.9		5.3		8.6		9.9		8.6		5.3		1.9		0.2			
70	0.9	1.0	2.2	3.5	4.8	6.0	6.8	7.2	7.2	6.8	6.0	4.8	3.5	2.2	1.0	0.9			
60		1.6	3.2	4.8	6.3	7.4	8.1	8.4	8.4	8.1	7.4	6.3	4.8	3.2	1.6				
50	1.6	2.1	3.9	5.6	7.0	8.3	9.2	9.7	9.7	9.2	8.3	7.0	5.6	3.9	2.1	1.6			
40		2.5	4.4	6.1	7.8	10.1	12.6	14.2	14.2	12.6	10.1	7.8	6.1	4.4	2.5				
30	2.1	2.7	4.7	6.5	9.2	14.3	31.8	57.8	57.8	31.8	14.3	9.2	6.5	4.7	2.7	2.1			
20		2.9	4.8	6.9	10.9	30.7	173.6	381.8	381.8	173.6	30.7	10.9	6.9	4.8	2.9				
10	2.3	3.0	4.8	7.1	12.1	59.0	416.7	2695.4	2695.4	416.7	59.0	12.1	7.1	4.8	3.0	2.3			
0		3.0	4.8	7.1	12.1	59.0	416.7	2695.4	2695.4	416.7	59.0	12.1	7.1	4.8	3.0				
-10	2.1	2.9	4.8	6.9	10.9	30.7	173.6	381.8	381.8	173.6	30.7	10.9	6.9	4.8	2.9	2.1			
-20		2.7	4.7	6.5	9.2	14.3	31.8	57.8	57.8	31.8	14.3	9.2	6.5	4.7	2.7				
-30	1.6	2.5	4.4	6.1	7.8	10.1	12.6	14.2	14.2	12.6	10.1	7.8	6.1	4.4	2.5	1.6			
-40		2.1	3.9	5.6	7.0	8.3	9.2	9.7	9.7	9.2	8.3	7.0	5.6	3.9	2.1				
-50	0.9	1.6	3.2	4.8	6.3	7.4	8.1	8.4	8.4	8.1	7.4	6.3	4.8	3.2	1.6	0.9			
-60		1.0	2.2	3.5	4.8	6.0	6.8	7.2	7.2	6.8	6.0	4.8	3.5	2.2	1.0				
-70	0.2	1.9		5.3		8.6		9.9		8.6		5.3		1.9		0.2			
-80		1.9		5.3		8.6		9.9		8.6		5.3		1.9					
-90	0.2	1.9		5.3		8.6		9.9		8.6		5.3		1.9		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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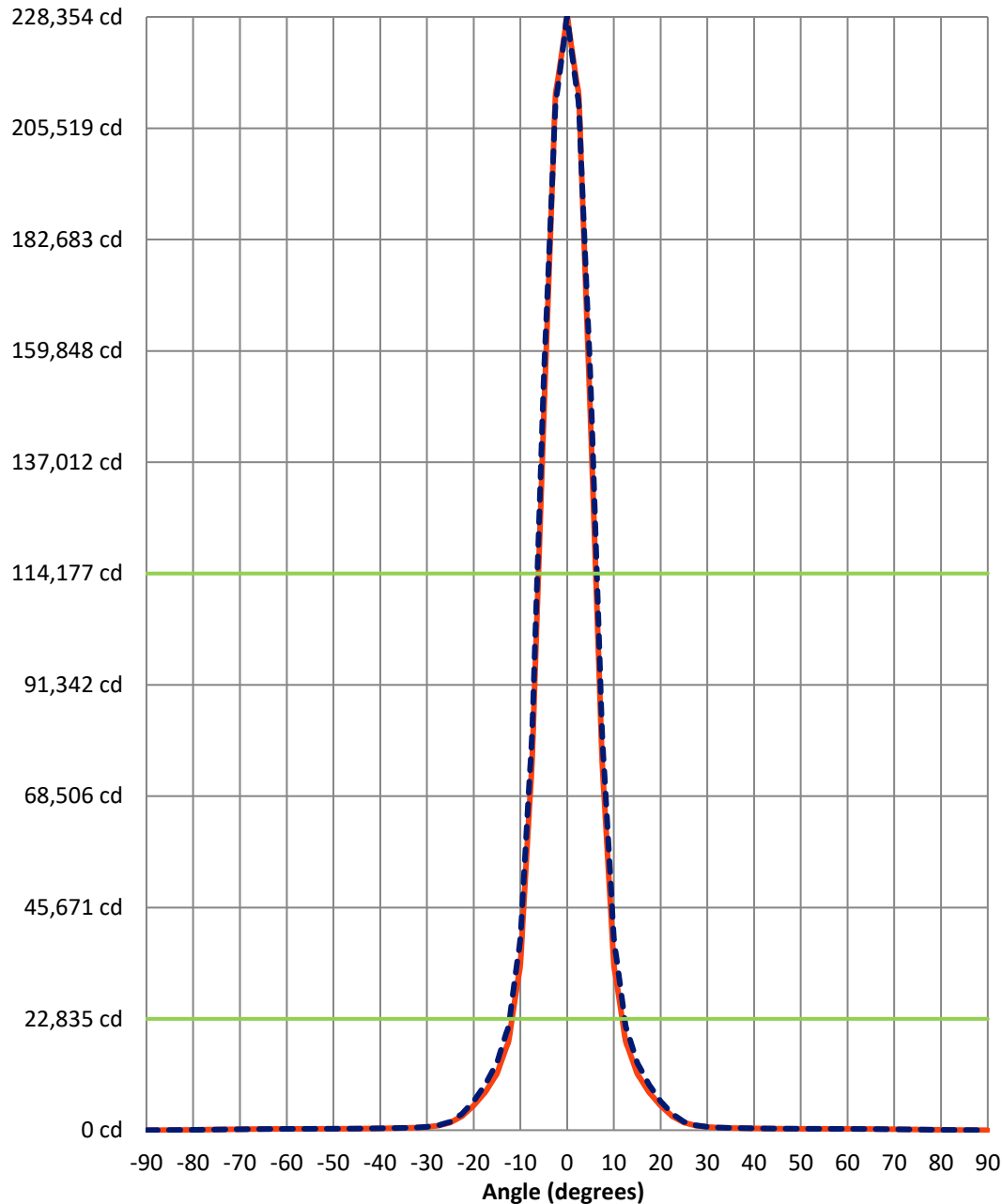
Luminous Intensity Polar Plot



— 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: 5230.4
Efficiency: 31.6%

Field:
H Angle: 24.6°
V Angle: 23.6°
Lumens: 11587.1
Efficiency: 70.0%

Spill:
Lumens: 4965.6
Efficiency: 30.0%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.5	1.1	1.6	2.0	2.4	2.8	3.2	3.7	4.1	4.6
85°	0.0	1.1	2.1	3.1	4.0	4.8	5.6	6.5	7.4	8.3	9.1
82.5°	0.0	1.6	3.2	4.7	6.0	7.2	8.4	9.7	11.2	13.2	15.3
80°	0.0	2.1	4.3	6.2	8.0	9.7	11.3	13.9	16.6	19.4	22.3
77.5°	0.0	2.7	5.3	7.7	10.0	12.4	15.2	18.5	22.0	25.6	29.5
75°	0.0	3.2	6.4	9.3	12.1	15.6	19.1	23.1	27.4	32.4	37.1
72.5°	0.0	3.7	7.4	10.8	14.6	18.8	22.9	27.9	33.7	39.3	44.6
70°	0.0	4.2	8.4	12.4	17.2	22.0	26.9	33.5	40.0	46.3	54.9
67.5°	0.0	4.7	9.4	14.2	19.7	25.1	31.7	39.0	46.3	55.8	65.7
65°	0.0	5.2	10.4	16.1	22.2	28.6	36.4	44.5	54.4	65.1	76.5
62.5°	0.0	5.7	11.3	17.9	24.6	32.4	41.1	50.9	62.3	74.4	87.7
60°	0.0	6.1	12.3	19.7	27.0	36.1	45.6	57.4	69.9	84.2	98.6
57.5°	0.0	6.6	13.4	21.5	29.8	39.8	51.0	63.8	78.2	93.8	109.6
55°	0.0	7.1	14.6	23.2	32.6	43.3	56.3	70.0	86.5	103.3	120.5
52.5°	0.0	7.5	15.6	24.8	35.3	46.8	61.5	77.1	94.6	112.8	131.2
50°	0.0	7.9	16.7	26.4	37.9	51.0	66.5	84.0	102.5	122.1	141.7
47.5°	0.0	8.3	17.7	28.0	40.4	55.0	71.5	90.6	110.5	131.1	152.1
45°	0.0	8.7	18.7	29.8	42.7	58.9	76.9	97.0	118.2	140.1	162.1
42.5°	0.0	9.1	19.6	31.5	45.0	62.7	82.1	103.3	125.7	148.8	170.6
40°	0.0	9.4	20.5	33.1	47.5	66.2	87.0	109.4	132.8	157.1	178.6
37.5°	0.0	9.8	21.3	34.6	50.2	69.6	91.7	115.3	139.8	164.7	186.2
35°	0.0	10.1	22.1	36.0	52.8	73.1	96.0	120.8	146.4	171.0	193.1
32.5°	0.0	10.4	22.9	37.3	55.2	76.5	100.2	126.0	152.5	176.9	199.0
30°	0.0	10.7	23.6	38.4	57.4	79.7	104.4	130.9	158.1	182.5	204.5
27.5°	0.0	10.9	24.2	39.5	59.4	82.6	108.2	135.5	163.1	187.6	209.6
25°	0.0	11.1	24.8	40.5	61.3	85.3	111.7	139.7	167.2	191.9	214.2
22.5°	0.0	11.4	25.4	41.4	63.0	87.7	114.9	143.4	171.0	195.7	217.7
20°	0.0	11.6	25.8	42.2	64.6	89.9	117.8	146.8	174.3	199.0	220.9
17.5°	0.0	11.7	26.3	42.8	66.0	91.9	120.4	149.7	177.3	202.0	223.8
15°	0.0	11.9	26.6	43.4	67.2	93.6	122.7	152.2	179.8	204.5	226.3
12.5°	0.0	12.0	27.0	43.8	68.3	95.1	124.6	154.3	181.9	206.6	228.4
10°	0.0	12.1	27.2	44.2	69.1	96.3	126.2	156.0	183.6	208.3	230.1
7.5°	0.0	12.2	27.4	44.5	69.8	97.2	127.5	157.2	184.8	209.5	231.2
5°	0.0	12.3	27.6	44.6	70.3	97.9	128.4	158.0	185.7	210.3	232.0
2.5°	0.0	12.3	27.7	44.6	70.6	98.3	128.9	158.3	186.1	210.7	232.3
0°	0.0	12.3	27.7	44.6	70.6	98.3	128.9	158.3	186.1	210.7	232.3
-2.5°	0.0	12.3	27.7	44.6	70.6	98.3	128.9	158.3	186.1	210.7	232.3
-5°	0.0	12.3	27.6	44.6	70.3	97.9	128.4	158.0	185.7	210.3	232.0
-7.5°	0.0	12.2	27.4	44.5	69.8	97.2	127.5	157.2	184.8	209.5	231.2
-10°	0.0	12.1	27.2	44.2	69.1	96.3	126.2	156.0	183.6	208.3	230.1
-12.5°	0.0	12.0	27.0	43.8	68.3	95.1	124.6	154.3	181.9	206.6	228.4
-15°	0.0	11.9	26.6	43.4	67.2	93.6	122.7	152.2	179.8	204.5	226.3
-17.5°	0.0	11.7	26.3	42.8	66.0	91.9	120.4	149.7	177.3	202.0	223.8
-20°	0.0	11.6	25.8	42.2	64.6	89.9	117.8	146.8	174.3	199.0	220.9



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 CATALOG NUMBER: GFLD-SA3D-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	11.4	25.4	41.4	63.0	87.7	114.9	143.4	171.0	195.7	217.7
-25°	0.0	11.1	24.8	40.5	61.3	85.3	111.7	139.7	167.2	191.9	214.2
-27.5°	0.0	10.9	24.2	39.5	59.4	82.6	108.2	135.5	163.1	187.6	209.6
-30°	0.0	10.7	23.6	38.4	57.4	79.7	104.4	130.9	158.1	182.5	204.5
-32.5°	0.0	10.4	22.9	37.3	55.2	76.5	100.2	126.0	152.5	176.9	199.0
-35°	0.0	10.1	22.1	36.0	52.8	73.1	96.0	120.8	146.4	171.0	193.1
-37.5°	0.0	9.8	21.3	34.6	50.2	69.6	91.7	115.3	139.8	164.7	186.2
-40°	0.0	9.4	20.5	33.1	47.5	66.2	87.0	109.4	132.8	157.1	178.6
-42.5°	0.0	9.1	19.6	31.5	45.0	62.7	82.1	103.3	125.7	148.8	170.6
-45°	0.0	8.7	18.7	29.8	42.7	58.9	76.9	97.0	118.2	140.1	162.1
-47.5°	0.0	8.3	17.7	28.0	40.4	55.0	71.5	90.6	110.5	131.1	152.1
-50°	0.0	7.9	16.7	26.4	37.9	51.0	66.5	84.0	102.5	122.1	141.7
-52.5°	0.0	7.5	15.6	24.8	35.3	46.8	61.5	77.1	94.6	112.8	131.2
-55°	0.0	7.1	14.6	23.2	32.6	43.3	56.3	70.0	86.5	103.3	120.5
-57.5°	0.0	6.6	13.4	21.5	29.8	39.8	51.0	63.8	78.2	93.8	109.6
-60°	0.0	6.1	12.3	19.7	27.0	36.1	45.6	57.4	69.9	84.2	98.6
-62.5°	0.0	5.7	11.3	17.9	24.6	32.4	41.1	50.9	62.3	74.4	87.7
-65°	0.0	5.2	10.4	16.1	22.2	28.6	36.4	44.5	54.4	65.1	76.5
-67.5°	0.0	4.7	9.4	14.2	19.7	25.1	31.7	39.0	46.3	55.8	65.7
-70°	0.0	4.2	8.4	12.4	17.2	22.0	26.9	33.5	40.0	46.3	54.9
-72.5°	0.0	3.7	7.4	10.8	14.6	18.8	22.9	27.9	33.7	39.3	44.6
-75°	0.0	3.2	6.4	9.3	12.1	15.6	19.1	23.1	27.4	32.4	37.1
-77.5°	0.0	2.7	5.3	7.7	10.0	12.4	15.2	18.5	22.0	25.6	29.5
-80°	0.0	2.1	4.3	6.2	8.0	9.7	11.3	13.9	16.6	19.4	22.3
-82.5°	0.0	1.6	3.2	4.7	6.0	7.2	8.4	9.7	11.2	13.2	15.3
-85°	0.0	1.1	2.1	3.1	4.0	4.8	5.6	6.5	7.4	8.3	9.1
-87.5°	0.0	0.5	1.1	1.6	2.0	2.4	2.8	3.2	3.7	4.1	4.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA3D-940-U-TS-XX

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°	5.0	5.4	5.8	6.2	6.6	6.9	7.3	7.6	8.0	8.3	8.6
85°	10.0	10.8	11.9	12.8	13.7	14.5	15.2	15.9	16.8	17.7	18.7
82.5°	17.0	18.5	19.7	20.8	21.9	22.9	24.1	25.9	28.2	30.4	32.5
80°	24.4	26.1	28.6	31.3	34.1	36.9	39.5	42.1	44.8	47.8	50.9
77.5°	32.8	36.3	40.1	44.2	48.2	52.8	57.4	62.2	66.4	70.2	73.5
75°	41.5	46.2	52.6	59.0	65.0	71.1	77.2	83.1	88.3	93.1	98.0
72.5°	51.7	59.4	67.0	74.4	82.2	89.7	96.8	103.5	110.1	116.7	122.9
70°	63.8	72.6	81.8	91.1	100.2	108.5	116.8	125.1	133.3	140.7	147.3
67.5°	76.0	86.5	97.1	107.6	117.5	127.0	136.7	146.3	155.4	163.2	170.1
65°	88.5	100.2	112.0	123.4	134.2	145.4	156.3	166.8	175.5	182.6	189.5
62.5°	100.7	114.0	126.8	139.2	151.5	163.6	174.2	183.7	192.6	200.4	207.8
60°	113.2	127.6	141.5	155.2	168.1	179.3	190.1	199.6	208.5	217.1	223.4
57.5°	125.5	141.0	156.1	170.2	182.6	194.1	204.4	214.4	222.2	229.0	235.9
55°	137.6	154.3	169.8	183.6	196.2	207.2	217.7	226.1	233.8	240.2	246.9
52.5°	149.5	166.9	182.2	196.2	208.3	219.2	228.5	236.7	243.9	250.5	256.0
50°	161.1	178.1	194.1	207.2	219.3	229.6	238.2	246.1	253.1	259.2	264.2
47.5°	171.4	189.0	204.0	217.6	229.0	238.7	247.0	254.7	261.6	266.9	271.9
45°	181.0	198.4	213.6	226.5	237.7	246.8	255.0	262.9	268.6	273.8	277.7
42.5°	190.2	207.0	221.9	235.3	245.1	254.0	262.2	269.0	274.9	279.6	283.7
40°	198.0	215.4	229.6	241.8	251.9	260.3	267.9	274.7	280.6	285.1	289.5
37.5°	205.4	222.2	236.6	247.9	257.4	265.7	273.2	279.6	285.4	290.1	296.2
35°	212.5	228.6	242.1	253.1	262.3	270.5	277.7	284.2	289.9	296.4	303.4
32.5°	218.6	234.7	247.2	257.2	266.3	274.7	281.9	288.5	295.1	302.5	311.1
30°	223.7	239.3	251.6	261.0	270.1	278.0	285.8	292.8	300.0	309.0	320.2
27.5°	228.3	243.4	254.8	264.3	273.4	280.9	288.9	297.0	305.4	315.8	330.1
25°	232.7	247.1	257.6	267.2	275.8	283.5	291.9	300.1	310.7	324.5	343.0
22.5°	236.2	250.7	260.1	269.9	277.8	285.9	294.5	303.7	315.7	332.4	356.6
20°	239.1	252.7	262.2	272.0	279.4	288.1	296.8	306.9	321.1	342.9	371.0
17.5°	241.6	254.5	264.0	273.2	281.0	289.9	298.8	309.4	325.6	352.7	384.1
15°	243.9	256.0	265.5	274.2	282.4	291.2	300.7	312.7	331.6	362.2	396.0
12.5°	245.9	257.1	266.6	274.9	283.5	292.2	302.2	315.6	338.0	371.0	407.9
10°	247.5	258.0	267.3	275.4	284.3	292.7	303.4	317.5	342.6	376.0	414.9
7.5°	248.5	258.7	267.9	275.7	284.7	292.9	304.3	318.4	345.4	378.6	418.7
5°	249.1	259.3	268.5	276.2	285.3	293.3	305.1	318.6	346.6	379.1	420.1
2.5°	249.2	259.7	268.9	276.6	285.7	294.4	306.5	320.2	347.6	381.0	421.1
0°	249.0	259.8	269.0	276.7	285.9	295.2	307.5	321.3	347.4	382.8	421.2
-2.5°	249.2	259.7	268.9	276.6	285.7	294.4	306.5	320.2	347.6	381.0	421.1
-5°	249.1	259.3	268.5	276.2	285.3	293.3	305.1	318.6	346.6	379.1	420.1
-7.5°	248.5	258.7	267.9	275.7	284.7	292.9	304.3	318.4	345.4	378.6	418.7
-10°	247.5	258.0	267.3	275.4	284.3	292.7	303.4	317.5	342.6	376.0	414.9
-12.5°	245.9	257.1	266.6	274.9	283.5	292.2	302.2	315.6	338.0	371.0	407.9
-15°	243.9	256.0	265.5	274.2	282.4	291.2	300.7	312.7	331.6	362.2	396.0
-17.5°	241.6	254.5	264.0	273.2	281.0	289.9	298.8	309.4	325.6	352.7	384.1
-20°	239.1	252.7	262.2	272.0	279.4	288.1	296.8	306.9	321.1	342.9	371.0



REPORT NUMBER: P558840 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-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°	236.2	250.7	260.1	269.9	277.8	285.9	294.5	303.7	315.7	332.4	356.6
-25°	232.7	247.1	257.6	267.2	275.8	283.5	291.9	300.1	310.7	324.5	343.0
-27.5°	228.3	243.4	254.8	264.3	273.4	280.9	288.9	297.0	305.4	315.8	330.1
-30°	223.7	239.3	251.6	261.0	270.1	278.0	285.8	292.8	300.0	309.0	320.2
-32.5°	218.6	234.7	247.2	257.2	266.3	274.7	281.9	288.5	295.1	302.5	311.1
-35°	212.5	228.6	242.1	253.1	262.3	270.5	277.7	284.2	289.9	296.4	303.4
-37.5°	205.4	222.2	236.6	247.9	257.4	265.7	273.2	279.6	285.4	290.1	296.2
-40°	198.0	215.4	229.6	241.8	251.9	260.3	267.9	274.7	280.6	285.1	289.5
-42.5°	190.2	207.0	221.9	235.3	245.1	254.0	262.2	269.0	274.9	279.6	283.7
-45°	181.0	198.4	213.6	226.5	237.7	246.8	255.0	262.9	268.6	273.8	277.7
-47.5°	171.4	189.0	204.0	217.6	229.0	238.7	247.0	254.7	261.6	266.9	271.9
-50°	161.1	178.1	194.1	207.2	219.3	229.6	238.2	246.1	253.1	259.2	264.2
-52.5°	149.5	166.9	182.2	196.2	208.3	219.2	228.5	236.7	243.9	250.5	256.0
-55°	137.6	154.3	169.8	183.6	196.2	207.2	217.7	226.1	233.8	240.2	246.9
-57.5°	125.5	141.0	156.1	170.2	182.6	194.1	204.4	214.4	222.2	229.0	235.9
-60°	113.2	127.6	141.5	155.2	168.1	179.3	190.1	199.6	208.5	217.1	223.4
-62.5°	100.7	114.0	126.8	139.2	151.5	163.6	174.2	183.7	192.6	200.4	207.8
-65°	88.5	100.2	112.0	123.4	134.2	145.4	156.3	166.8	175.5	182.6	189.5
-67.5°	76.0	86.5	97.1	107.6	117.5	127.0	136.7	146.3	155.4	163.2	170.1
-70°	63.8	72.6	81.8	91.1	100.2	108.5	116.8	125.1	133.3	140.7	147.3
-72.5°	51.7	59.4	67.0	74.4	82.2	89.7	96.8	103.5	110.1	116.7	122.9
-75°	41.5	46.2	52.6	59.0	65.0	71.1	77.2	83.1	88.3	93.1	98.0
-77.5°	32.8	36.3	40.1	44.2	48.2	52.8	57.4	62.2	66.4	70.2	73.5
-80°	24.4	26.1	28.6	31.3	34.1	36.9	39.5	42.1	44.8	47.8	50.9
-82.5°	17.0	18.5	19.7	20.8	21.9	22.9	24.1	25.9	28.2	30.4	32.5
-85°	10.0	10.8	11.9	12.8	13.7	14.5	15.2	15.9	16.8	17.7	18.7
-87.5°	5.0	5.4	5.8	6.2	6.6	6.9	7.3	7.6	8.0	8.3	8.6
-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: P558840 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-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°	8.8	8.8	8.7	8.5	8.3	8.5	8.6	8.8	8.9	9.0	9.1
85°	19.6	20.4	21.2	22.1	22.9	23.5	24.1	24.5	24.9	25.3	25.6
82.5°	34.4	36.1	37.7	39.2	40.4	41.5	42.5	43.3	44.0	44.7	45.2
80°	53.6	56.3	58.8	61.2	63.3	65.1	66.5	67.7	68.7	69.8	70.7
77.5°	76.7	80.4	84.0	87.1	90.0	92.3	94.4	96.2	97.7	99.6	101.3
75°	102.8	107.2	111.3	115.0	118.4	121.5	124.2	126.6	128.6	130.6	132.4
72.5°	128.8	134.2	138.9	142.9	146.5	150.0	153.4	156.6	159.6	161.8	163.4
70°	153.4	158.9	163.9	168.4	172.6	177.0	181.5	185.6	189.3	191.8	193.1
67.5°	175.9	181.5	187.2	192.8	197.8	202.4	206.9	210.9	214.6	217.1	218.6
65°	196.2	202.4	208.5	214.3	219.6	223.5	227.6	231.4	235.0	237.9	240.1
62.5°	215.2	221.3	226.5	231.4	235.9	239.8	243.8	247.4	250.5	253.2	255.7
60°	229.7	235.9	241.0	245.5	249.8	253.7	256.8	259.4	261.5	263.3	264.9
57.5°	242.1	248.1	253.2	257.0	260.8	264.5	267.2	268.8	270.1	271.0	271.7
55°	252.8	257.6	261.9	266.1	269.8	273.0	275.4	276.5	277.1	277.5	277.8
52.5°	261.5	266.1	270.5	274.4	277.4	280.1	282.5	283.1	283.4	283.6	283.6
50°	269.3	273.9	277.4	280.7	283.7	286.2	288.2	289.1	289.6	289.7	289.5
47.5°	275.7	279.6	283.5	286.9	289.9	292.7	295.0	296.3	297.3	297.7	297.7
45°	281.3	285.9	290.0	293.9	297.4	301.2	304.3	306.5	308.6	310.1	310.8
42.5°	287.9	292.5	297.0	302.5	307.6	312.4	317.6	322.2	327.0	332.1	335.5
40°	294.6	299.6	306.6	313.2	320.6	327.3	338.3	349.3	357.7	364.8	371.2
37.5°	302.3	309.5	317.9	326.4	338.6	351.1	365.0	378.6	390.5	401.2	409.8
35°	311.1	320.9	331.1	346.3	361.7	377.2	393.8	411.9	427.2	438.5	446.5
32.5°	321.9	334.2	350.7	370.0	388.9	409.0	429.1	449.3	464.4	480.0	495.7
30°	333.9	351.6	372.8	396.4	420.1	444.1	469.2	497.2	523.8	552.5	593.4
27.5°	349.1	370.7	395.7	423.6	452.1	480.7	524.6	572.6	643.9	700.9	797.5
25°	365.4	390.6	420.4	452.8	487.6	538.9	619.1	713.9	881.9	1012.3	1210.0
22.5°	383.6	413.3	446.2	483.3	539.5	636.2	773.4	1016.9	1355.7	1690.3	2062.5
20°	401.4	434.3	470.4	526.6	622.0	774.9	1072.1	1598.6	2186.6	3023.8	3726.4
17.5°	418.5	453.4	499.2	575.2	718.0	1025.5	1601.1	2502.9	3731.0	5080.5	6205.9
15°	433.4	469.1	530.7	651.1	892.4	1371.4	2240.5	3775.3	5838.8	7686.5	9334.5
12.5°	446.0	488.2	564.9	712.4	1043.8	1752.9	3147.1	5326.4	7846.2	10437.5	12523.1
10°	455.1	508.6	610.6	825.8	1284.4	2206.9	3902.6	6651.6	9685.7	12835.1	16605.3
7.5°	460.7	523.2	645.2	910.1	1499.0	2712.4	4850.5	7834.9	11319.1	15618.5	21378.8
5°	464.7	533.0	670.9	973.4	1642.4	3046.5	5448.9	8731.5	12728.4	18945.1	30800.3
2.5°	466.6	537.3	685.5	1008.2	1707.8	3218.3	5870.1	9244.8	13585.9	21291.7	37326.9
0°	465.8	535.0	687.2	1016.2	1717.2	3349.8	5940.1	9391.3	13875.6	21502.1	39419.2
-2.5°	466.6	537.3	685.5	1008.2	1707.8	3218.3	5870.1	9244.8	13585.9	21291.7	37326.9
-5°	464.7	533.0	670.9	973.4	1642.4	3046.5	5448.9	8731.5	12728.4	18945.1	30800.3
-7.5°	460.7	523.2	645.2	910.1	1499.0	2712.4	4850.5	7834.9	11319.1	15618.5	21378.8
-10°	455.1	508.6	610.6	825.8	1284.4	2206.9	3902.6	6651.6	9685.7	12835.1	16605.3
-12.5°	446.0	488.2	564.9	712.4	1043.8	1752.9	3147.1	5326.4	7846.2	10437.5	12523.1
-15°	433.4	469.1	530.7	651.1	892.4	1371.4	2240.5	3775.3	5838.8	7686.5	9334.5
-17.5°	418.5	453.4	499.2	575.2	718.0	1025.5	1601.1	2502.9	3731.0	5080.5	6205.9
-20°	401.4	434.3	470.4	526.6	622.0	774.9	1072.1	1598.6	2186.6	3023.8	3726.4



REPORT NUMBER: P558840 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	383.6	413.3	446.2	483.3	539.5	636.2	773.4	1016.9	1355.7	1690.3	2062.5
-25°	365.4	390.6	420.4	452.8	487.6	538.9	619.1	713.9	881.9	1012.3	1210.0
-27.5°	349.1	370.7	395.7	423.6	452.1	480.7	524.6	572.6	643.9	700.9	797.5
-30°	333.9	351.6	372.8	396.4	420.1	444.1	469.2	497.2	523.8	552.5	593.4
-32.5°	321.9	334.2	350.7	370.0	388.9	409.0	429.1	449.3	464.4	480.0	495.7
-35°	311.1	320.9	331.1	346.3	361.7	377.2	393.8	411.9	427.2	438.5	446.5
-37.5°	302.3	309.5	317.9	326.4	338.6	351.1	365.0	378.6	390.5	401.2	409.8
-40°	294.6	299.6	306.6	313.2	320.6	327.3	338.3	349.3	357.7	364.8	371.2
-42.5°	287.9	292.5	297.0	302.5	307.6	312.4	317.6	322.2	327.0	332.1	335.5
-45°	281.3	285.9	290.0	293.9	297.4	301.2	304.3	306.5	308.6	310.1	310.8
-47.5°	275.7	279.6	283.5	286.9	289.9	292.7	295.0	296.3	297.3	297.7	297.7
-50°	269.3	273.9	277.4	280.7	283.7	286.2	288.2	289.1	289.6	289.7	289.5
-52.5°	261.5	266.1	270.5	274.4	277.4	280.1	282.5	283.1	283.4	283.6	283.6
-55°	252.8	257.6	261.9	266.1	269.8	273.0	275.4	276.5	277.1	277.5	277.8
-57.5°	242.1	248.1	253.2	257.0	260.8	264.5	267.2	268.8	270.1	271.0	271.7
-60°	229.7	235.9	241.0	245.5	249.8	253.7	256.8	259.4	261.5	263.3	264.9
-62.5°	215.2	221.3	226.5	231.4	235.9	239.8	243.8	247.4	250.5	253.2	255.7
-65°	196.2	202.4	208.5	214.3	219.6	223.5	227.6	231.4	235.0	237.9	240.1
-67.5°	175.9	181.5	187.2	192.8	197.8	202.4	206.9	210.9	214.6	217.1	218.6
-70°	153.4	158.9	163.9	168.4	172.6	177.0	181.5	185.6	189.3	191.8	193.1
-72.5°	128.8	134.2	138.9	142.9	146.5	150.0	153.4	156.6	159.6	161.8	163.4
-75°	102.8	107.2	111.3	115.0	118.4	121.5	124.2	126.6	128.6	130.6	132.4
-77.5°	76.7	80.4	84.0	87.1	90.0	92.3	94.4	96.2	97.7	99.6	101.3
-80°	53.6	56.3	58.8	61.2	63.3	65.1	66.5	67.7	68.7	69.8	70.7
-82.5°	34.4	36.1	37.7	39.2	40.4	41.5	42.5	43.3	44.0	44.7	45.2
-85°	19.6	20.4	21.2	22.1	22.9	23.5	24.1	24.5	24.9	25.3	25.6
-87.5°	8.8	8.8	8.7	8.5	8.3	8.5	8.6	8.8	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: P558840 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.1	9.2	9.2	9.2	9.2	9.2	9.1	9.1	9.0	8.9	8.8
85°	25.8	26.0	26.1	26.1	26.1	26.0	25.8	25.6	25.3	24.9	24.5
82.5°	45.6	45.9	46.0	46.1	46.0	45.9	45.6	45.2	44.7	44.0	43.3
80°	71.4	71.9	72.2	72.3	72.2	71.9	71.4	70.7	69.8	68.7	67.7
77.5°	102.7	103.9	104.3	104.5	104.3	103.9	102.7	101.3	99.6	97.7	96.2
75°	133.7	134.6	135.1	135.3	135.1	134.6	133.7	132.4	130.6	128.6	126.6
72.5°	164.5	165.2	166.5	167.6	166.5	165.2	164.5	163.4	161.8	159.6	156.6
70°	194.0	194.4	195.7	196.8	195.7	194.4	194.0	193.1	191.8	189.3	185.6
67.5°	219.8	220.5	220.4	219.8	220.4	220.5	219.8	218.6	217.1	214.6	210.9
65°	241.9	243.4	243.5	242.9	243.5	243.4	241.9	240.1	237.9	235.0	231.4
62.5°	258.1	260.3	261.1	261.3	261.1	260.3	258.1	255.7	253.2	250.5	247.4
60°	266.1	267.1	267.4	267.5	267.4	267.1	266.1	264.9	263.3	261.5	259.4
57.5°	272.0	272.0	272.0	272.1	272.0	272.0	272.0	271.7	271.0	270.1	268.8
55°	278.0	278.0	277.5	276.7	277.5	278.0	278.0	277.8	277.5	277.1	276.5
52.5°	283.4	283.0	282.2	281.3	282.2	283.0	283.4	283.6	283.6	283.4	283.1
50°	288.8	287.8	287.4	287.5	287.4	287.8	288.8	289.5	289.7	289.6	289.1
47.5°	297.4	296.8	296.5	296.7	296.5	296.8	297.4	297.7	297.7	297.3	296.3
45°	311.1	310.5	310.2	310.5	310.2	310.5	311.1	310.8	310.1	308.6	306.5
42.5°	337.5	337.7	337.5	338.2	337.5	337.7	337.5	335.5	332.1	327.0	322.2
40°	373.7	373.6	372.3	372.0	372.3	373.6	373.7	371.2	364.8	357.7	349.3
37.5°	413.4	413.4	412.1	412.0	412.1	413.4	413.4	409.8	401.2	390.5	378.6
35°	450.7	452.1	451.9	450.4	451.9	452.1	450.7	446.5	438.5	427.2	411.9
32.5°	506.9	515.5	520.0	518.1	520.0	515.5	506.9	495.7	480.0	464.4	449.3
30°	619.1	641.2	652.9	658.0	652.9	641.2	619.1	593.4	552.5	523.8	497.2
27.5°	866.7	915.6	937.5	945.4	937.5	915.6	866.7	797.5	700.9	643.9	572.6
25°	1382.6	1493.0	1547.4	1565.0	1547.4	1493.0	1382.6	1210.0	1012.3	881.9	713.9
22.5°	2472.3	2684.9	2830.3	2862.4	2830.3	2684.9	2472.3	2062.5	1690.3	1355.7	1016.9
20°	4432.9	4844.0	5067.0	5046.9	5067.0	4844.0	4432.9	3726.4	3023.8	2186.6	1598.6
17.5°	7162.5	7689.6	7940.6	7823.3	7940.6	7689.6	7162.5	6205.9	5080.5	3731.0	2502.9
15°	10500.0	11212.1	11522.8	11618.9	11522.8	11212.1	10500.0	9334.5	7686.5	5838.8	3775.3
12.5°	14605.0	16939.7	18056.1	18355.3	18056.1	16939.7	14605.0	12523.1	10437.5	7846.2	5326.4
10°	20461.8	28309.4	32977.3	34117.1	32977.3	28309.4	20461.8	16605.3	12835.1	9685.7	6651.6
7.5°	33415.8	49363.0	67227.5	75687.0	67227.5	49363.0	33415.8	21378.8	15618.5	11319.1	7834.9
5°	50959.0	88443.4	129805.1	146019.7	129805.1	88443.4	50959.0	30800.3	18945.1	12728.4	8731.5
2.5°	72285.6	133542.6	190694.5	211999.5	190694.5	133542.6	72285.6	37326.9	21291.7	13585.9	9244.8
0°	81295.9	153959.8	210104.0	228354.0	210104.0	153959.8	81295.9	39419.2	21502.1	13875.6	9391.3
-2.5°	72285.6	133542.6	190694.5	211999.5	190694.5	133542.6	72285.6	37326.9	21291.7	13585.9	9244.8
-5°	50959.0	88443.4	129805.1	146019.7	129805.1	88443.4	50959.0	30800.3	18945.1	12728.4	8731.5
-7.5°	33415.8	49363.0	67227.5	75687.0	67227.5	49363.0	33415.8	21378.8	15618.5	11319.1	7834.9
-10°	20461.8	28309.4	32977.3	34117.1	32977.3	28309.4	20461.8	16605.3	12835.1	9685.7	6651.6
-12.5°	14605.0	16939.7	18056.1	18355.3	18056.1	16939.7	14605.0	12523.1	10437.5	7846.2	5326.4
-15°	10500.0	11212.1	11522.8	11618.9	11522.8	11212.1	10500.0	9334.5	7686.5	5838.8	3775.3
-17.5°	7162.5	7689.6	7940.6	7823.3	7940.6	7689.6	7162.5	6205.9	5080.5	3731.0	2502.9
-20°	4432.9	4844.0	5067.0	5046.9	5067.0	4844.0	4432.9	3726.4	3023.8	2186.6	1598.6



REPORT NUMBER: P558840 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2472.3	2684.9	2830.3	2862.4	2830.3	2684.9	2472.3	2062.5	1690.3	1355.7	1016.9
-25°	1382.6	1493.0	1547.4	1565.0	1547.4	1493.0	1382.6	1210.0	1012.3	881.9	713.9
-27.5°	866.7	915.6	937.5	945.4	937.5	915.6	866.7	797.5	700.9	643.9	572.6
-30°	619.1	641.2	652.9	658.0	652.9	641.2	619.1	593.4	552.5	523.8	497.2
-32.5°	506.9	515.5	520.0	518.1	520.0	515.5	506.9	495.7	480.0	464.4	449.3
-35°	450.7	452.1	451.9	450.4	451.9	452.1	450.7	446.5	438.5	427.2	411.9
-37.5°	413.4	413.4	412.1	412.0	412.1	413.4	413.4	409.8	401.2	390.5	378.6
-40°	373.7	373.6	372.3	372.0	372.3	373.6	373.7	371.2	364.8	357.7	349.3
-42.5°	337.5	337.7	337.5	338.2	337.5	337.7	337.5	335.5	332.1	327.0	322.2
-45°	311.1	310.5	310.2	310.5	310.2	310.5	311.1	310.8	310.1	308.6	306.5
-47.5°	297.4	296.8	296.5	296.7	296.5	296.8	297.4	297.7	297.7	297.3	296.3
-50°	288.8	287.8	287.4	287.5	287.4	287.8	288.8	289.5	289.7	289.6	289.1
-52.5°	283.4	283.0	282.2	281.3	282.2	283.0	283.4	283.6	283.6	283.4	283.1
-55°	278.0	278.0	277.5	276.7	277.5	278.0	278.0	277.8	277.5	277.1	276.5
-57.5°	272.0	272.0	272.0	272.1	272.0	272.0	272.0	271.7	271.0	270.1	268.8
-60°	266.1	267.1	267.4	267.5	267.4	267.1	266.1	264.9	263.3	261.5	259.4
-62.5°	258.1	260.3	261.1	261.3	261.1	260.3	258.1	255.7	253.2	250.5	247.4
-65°	241.9	243.4	243.5	242.9	243.5	243.4	241.9	240.1	237.9	235.0	231.4
-67.5°	219.8	220.5	220.4	219.8	220.4	220.5	219.8	218.6	217.1	214.6	210.9
-70°	194.0	194.4	195.7	196.8	195.7	194.4	194.0	193.1	191.8	189.3	185.6
-72.5°	164.5	165.2	166.5	167.6	166.5	165.2	164.5	163.4	161.8	159.6	156.6
-75°	133.7	134.6	135.1	135.3	135.1	134.6	133.7	132.4	130.6	128.6	126.6
-77.5°	102.7	103.9	104.3	104.5	104.3	103.9	102.7	101.3	99.6	97.7	96.2
-80°	71.4	71.9	72.2	72.3	72.2	71.9	71.4	70.7	69.8	68.7	67.7
-82.5°	45.6	45.9	46.0	46.1	46.0	45.9	45.6	45.2	44.7	44.0	43.3
-85°	25.8	26.0	26.1	26.1	26.1	26.0	25.8	25.6	25.3	24.9	24.5
-87.5°	9.1	9.2	9.2	9.2	9.2	9.2	9.1	9.1	9.0	8.9	8.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558840 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-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°	8.6	8.5	8.3	8.5	8.7	8.8	8.8	8.6	8.3	8.0	7.6
85°	24.1	23.5	22.9	22.1	21.2	20.4	19.6	18.7	17.7	16.8	15.9
82.5°	42.5	41.5	40.4	39.2	37.7	36.1	34.4	32.5	30.4	28.2	25.9
80°	66.5	65.1	63.3	61.2	58.8	56.3	53.6	50.9	47.8	44.8	42.1
77.5°	94.4	92.3	90.0	87.1	84.0	80.4	76.7	73.5	70.2	66.4	62.2
75°	124.2	121.5	118.4	115.0	111.3	107.2	102.8	98.0	93.1	88.3	83.1
72.5°	153.4	150.0	146.5	142.9	138.9	134.2	128.8	122.9	116.7	110.1	103.5
70°	181.5	177.0	172.6	168.4	163.9	158.9	153.4	147.3	140.7	133.3	125.1
67.5°	206.9	202.4	197.8	192.8	187.2	181.5	175.9	170.1	163.2	155.4	146.3
65°	227.6	223.5	219.6	214.3	208.5	202.4	196.2	189.5	182.6	175.5	166.8
62.5°	243.8	239.8	235.9	231.4	226.5	221.3	215.2	207.8	200.4	192.6	183.7
60°	256.8	253.7	249.8	245.5	241.0	235.9	229.7	223.4	217.1	208.5	199.6
57.5°	267.2	264.5	260.8	257.0	253.2	248.1	242.1	235.9	229.0	222.2	214.4
55°	275.4	273.0	269.8	266.1	261.9	257.6	252.8	246.9	240.2	233.8	226.1
52.5°	282.5	280.1	277.4	274.4	270.5	266.1	261.5	256.0	250.5	243.9	236.7
50°	288.2	286.2	283.7	280.7	277.4	273.9	269.3	264.2	259.2	253.1	246.1
47.5°	295.0	292.7	289.9	286.9	283.5	279.6	275.7	271.9	266.9	261.6	254.7
45°	304.3	301.2	297.4	293.9	290.0	285.9	281.3	277.7	273.8	268.6	262.9
42.5°	317.6	312.4	307.6	302.5	297.0	292.5	287.9	283.7	279.6	274.9	269.0
40°	338.3	327.3	320.6	313.2	306.6	299.6	294.6	289.5	285.1	280.6	274.7
37.5°	365.0	351.1	338.6	326.4	317.9	309.5	302.3	296.2	290.1	285.4	279.6
35°	393.8	377.2	361.7	346.3	331.1	320.9	311.1	303.4	296.4	289.9	284.2
32.5°	429.1	409.0	388.9	370.0	350.7	334.2	321.9	311.1	302.5	295.1	288.5
30°	469.2	444.1	420.1	396.4	372.8	351.6	333.9	320.2	309.0	300.0	292.8
27.5°	524.6	480.7	452.1	423.6	395.7	370.7	349.1	330.1	315.8	305.4	297.0
25°	619.1	538.9	487.6	452.8	420.4	390.6	365.4	343.0	324.5	310.7	300.1
22.5°	773.4	636.2	539.5	483.3	446.2	413.3	383.6	356.6	332.4	315.7	303.7
20°	1072.1	774.9	622.0	526.6	470.4	434.3	401.4	371.0	342.9	321.1	306.9
17.5°	1601.1	1025.5	718.0	575.2	499.2	453.4	418.5	384.1	352.7	325.6	309.4
15°	2240.5	1371.4	892.4	651.1	530.7	469.1	433.4	396.0	362.2	331.6	312.7
12.5°	3147.1	1752.9	1043.8	712.4	564.9	488.2	446.0	407.9	371.0	338.0	315.6
10°	3902.6	2206.9	1284.4	825.8	610.6	508.6	455.1	414.9	376.0	342.6	317.5
7.5°	4850.5	2712.4	1499.0	910.1	645.2	523.2	460.7	418.7	378.6	345.4	318.4
5°	5448.9	3046.5	1642.4	973.4	670.9	533.0	464.7	420.1	379.1	346.6	318.6
2.5°	5870.1	3218.3	1707.8	1008.2	685.5	537.3	466.6	421.1	381.0	347.6	320.2
0°	5940.1	3349.8	1717.2	1016.2	687.2	535.0	465.8	421.2	382.8	347.4	321.3
-2.5°	5870.1	3218.3	1707.8	1008.2	685.5	537.3	466.6	421.1	381.0	347.6	320.2
-5°	5448.9	3046.5	1642.4	973.4	670.9	533.0	464.7	420.1	379.1	346.6	318.6
-7.5°	4850.5	2712.4	1499.0	910.1	645.2	523.2	460.7	418.7	378.6	345.4	318.4
-10°	3902.6	2206.9	1284.4	825.8	610.6	508.6	455.1	414.9	376.0	342.6	317.5
-12.5°	3147.1	1752.9	1043.8	712.4	564.9	488.2	446.0	407.9	371.0	338.0	315.6
-15°	2240.5	1371.4	892.4	651.1	530.7	469.1	433.4	396.0	362.2	331.6	312.7
-17.5°	1601.1	1025.5	718.0	575.2	499.2	453.4	418.5	384.1	352.7	325.6	309.4
-20°	1072.1	774.9	622.0	526.6	470.4	434.3	401.4	371.0	342.9	321.1	306.9



REPORT NUMBER: P558840 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	773.4	636.2	539.5	483.3	446.2	413.3	383.6	356.6	332.4	315.7	303.7
-25°	619.1	538.9	487.6	452.8	420.4	390.6	365.4	343.0	324.5	310.7	300.1
-27.5°	524.6	480.7	452.1	423.6	395.7	370.7	349.1	330.1	315.8	305.4	297.0
-30°	469.2	444.1	420.1	396.4	372.8	351.6	333.9	320.2	309.0	300.0	292.8
-32.5°	429.1	409.0	388.9	370.0	350.7	334.2	321.9	311.1	302.5	295.1	288.5
-35°	393.8	377.2	361.7	346.3	331.1	320.9	311.1	303.4	296.4	289.9	284.2
-37.5°	365.0	351.1	338.6	326.4	317.9	309.5	302.3	296.2	290.1	285.4	279.6
-40°	338.3	327.3	320.6	313.2	306.6	299.6	294.6	289.5	285.1	280.6	274.7
-42.5°	317.6	312.4	307.6	302.5	297.0	292.5	287.9	283.7	279.6	274.9	269.0
-45°	304.3	301.2	297.4	293.9	290.0	285.9	281.3	277.7	273.8	268.6	262.9
-47.5°	295.0	292.7	289.9	286.9	283.5	279.6	275.7	271.9	266.9	261.6	254.7
-50°	288.2	286.2	283.7	280.7	277.4	273.9	269.3	264.2	259.2	253.1	246.1
-52.5°	282.5	280.1	277.4	274.4	270.5	266.1	261.5	256.0	250.5	243.9	236.7
-55°	275.4	273.0	269.8	266.1	261.9	257.6	252.8	246.9	240.2	233.8	226.1
-57.5°	267.2	264.5	260.8	257.0	253.2	248.1	242.1	235.9	229.0	222.2	214.4
-60°	256.8	253.7	249.8	245.5	241.0	235.9	229.7	223.4	217.1	208.5	199.6
-62.5°	243.8	239.8	235.9	231.4	226.5	221.3	215.2	207.8	200.4	192.6	183.7
-65°	227.6	223.5	219.6	214.3	208.5	202.4	196.2	189.5	182.6	175.5	166.8
-67.5°	206.9	202.4	197.8	192.8	187.2	181.5	175.9	170.1	163.2	155.4	146.3
-70°	181.5	177.0	172.6	168.4	163.9	158.9	153.4	147.3	140.7	133.3	125.1
-72.5°	153.4	150.0	146.5	142.9	138.9	134.2	128.8	122.9	116.7	110.1	103.5
-75°	124.2	121.5	118.4	115.0	111.3	107.2	102.8	98.0	93.1	88.3	83.1
-77.5°	94.4	92.3	90.0	87.1	84.0	80.4	76.7	73.5	70.2	66.4	62.2
-80°	66.5	65.1	63.3	61.2	58.8	56.3	53.6	50.9	47.8	44.8	42.1
-82.5°	42.5	41.5	40.4	39.2	37.7	36.1	34.4	32.5	30.4	28.2	25.9
-85°	24.1	23.5	22.9	22.1	21.2	20.4	19.6	18.7	17.7	16.8	15.9
-87.5°	8.6	8.5	8.3	8.5	8.7	8.8	8.8	8.6	8.3	8.0	7.6
-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: P558840 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-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°	7.3	6.9	6.6	6.2	5.8	5.4	5.0	4.6	4.1	3.7	3.2
85°	15.2	14.5	13.7	12.8	11.9	10.8	10.0	9.1	8.3	7.4	6.5
82.5°	24.1	22.9	21.9	20.8	19.7	18.5	17.0	15.3	13.2	11.2	9.7
80°	39.5	36.9	34.1	31.3	28.6	26.1	24.4	22.3	19.4	16.6	13.9
77.5°	57.4	52.8	48.2	44.2	40.1	36.3	32.8	29.5	25.6	22.0	18.5
75°	77.2	71.1	65.0	59.0	52.6	46.2	41.5	37.1	32.4	27.4	23.1
72.5°	96.8	89.7	82.2	74.4	67.0	59.4	51.7	44.6	39.3	33.7	27.9
70°	116.8	108.5	100.2	91.1	81.8	72.6	63.8	54.9	46.3	40.0	33.5
67.5°	136.7	127.0	117.5	107.6	97.1	86.5	76.0	65.7	55.8	46.3	39.0
65°	156.3	145.4	134.2	123.4	112.0	100.2	88.5	76.5	65.1	54.4	44.5
62.5°	174.2	163.6	151.5	139.2	126.8	114.0	100.7	87.7	74.4	62.3	50.9
60°	190.1	179.3	168.1	155.2	141.5	127.6	113.2	98.6	84.2	69.9	57.4
57.5°	204.4	194.1	182.6	170.2	156.1	141.0	125.5	109.6	93.8	78.2	63.8
55°	217.7	207.2	196.2	183.6	169.8	154.3	137.6	120.5	103.3	86.5	70.0
52.5°	228.5	219.2	208.3	196.2	182.2	166.9	149.5	131.2	112.8	94.6	77.1
50°	238.2	229.6	219.3	207.2	194.1	178.1	161.1	141.7	122.1	102.5	84.0
47.5°	247.0	238.7	229.0	217.6	204.0	189.0	171.4	152.1	131.1	110.5	90.6
45°	255.0	246.8	237.7	226.5	213.6	198.4	181.0	162.1	140.1	118.2	97.0
42.5°	262.2	254.0	245.1	235.3	221.9	207.0	190.2	170.6	148.8	125.7	103.3
40°	267.9	260.3	251.9	241.8	229.6	215.4	198.0	178.6	157.1	132.8	109.4
37.5°	273.2	265.7	257.4	247.9	236.6	222.2	205.4	186.2	164.7	139.8	115.3
35°	277.7	270.5	262.3	253.1	242.1	228.6	212.5	193.1	171.0	146.4	120.8
32.5°	281.9	274.7	266.3	257.2	247.2	234.7	218.6	199.0	176.9	152.5	126.0
30°	285.8	278.0	270.1	261.0	251.6	239.3	223.7	204.5	182.5	158.1	130.9
27.5°	288.9	280.9	273.4	264.3	254.8	243.4	228.3	209.6	187.6	163.1	135.5
25°	291.9	283.5	275.8	267.2	257.6	247.1	232.7	214.2	191.9	167.2	139.7
22.5°	294.5	285.9	277.8	269.9	260.1	250.7	236.2	217.7	195.7	171.0	143.4
20°	296.8	288.1	279.4	272.0	262.2	252.7	239.1	220.9	199.0	174.3	146.8
17.5°	298.8	289.9	281.0	273.2	264.0	254.5	241.6	223.8	202.0	177.3	149.7
15°	300.7	291.2	282.4	274.2	265.5	256.0	243.9	226.3	204.5	179.8	152.2
12.5°	302.2	292.2	283.5	274.9	266.6	257.1	245.9	228.4	206.6	181.9	154.3
10°	303.4	292.7	284.3	275.4	267.3	258.0	247.5	230.1	208.3	183.6	156.0
7.5°	304.3	292.9	284.7	275.7	267.9	258.7	248.5	231.2	209.5	184.8	157.2
5°	305.1	293.3	285.3	276.2	268.5	259.3	249.1	232.0	210.3	185.7	158.0
2.5°	306.5	294.4	285.7	276.6	268.9	259.7	249.2	232.3	210.7	186.1	158.3
0°	307.5	295.2	285.9	276.7	269.0	259.8	249.0	232.1	210.6	186.0	158.3
-2.5°	306.5	294.4	285.7	276.6	268.9	259.7	249.2	232.3	210.7	186.1	158.3
-5°	305.1	293.3	285.3	276.2	268.5	259.3	249.1	232.0	210.3	185.7	158.0
-7.5°	304.3	292.9	284.7	275.7	267.9	258.7	248.5	231.2	209.5	184.8	157.2
-10°	303.4	292.7	284.3	275.4	267.3	258.0	247.5	230.1	208.3	183.6	156.0
-12.5°	302.2	292.2	283.5	274.9	266.6	257.1	245.9	228.4	206.6	181.9	154.3
-15°	300.7	291.2	282.4	274.2	265.5	256.0	243.9	226.3	204.5	179.8	152.2
-17.5°	298.8	289.9	281.0	273.2	264.0	254.5	241.6	223.8	202.0	177.3	149.7
-20°	296.8	288.1	279.4	272.0	262.2	252.7	239.1	220.9	199.0	174.3	146.8



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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°	294.5	285.9	277.8	269.9	260.1	250.7	236.2	217.7	195.7	171.0	143.4
-25°	291.9	283.5	275.8	267.2	257.6	247.1	232.7	214.2	191.9	167.2	139.7
-27.5°	288.9	280.9	273.4	264.3	254.8	243.4	228.3	209.6	187.6	163.1	135.5
-30°	285.8	278.0	270.1	261.0	251.6	239.3	223.7	204.5	182.5	158.1	130.9
-32.5°	281.9	274.7	266.3	257.2	247.2	234.7	218.6	199.0	176.9	152.5	126.0
-35°	277.7	270.5	262.3	253.1	242.1	228.6	212.5	193.1	171.0	146.4	120.8
-37.5°	273.2	265.7	257.4	247.9	236.6	222.2	205.4	186.2	164.7	139.8	115.3
-40°	267.9	260.3	251.9	241.8	229.6	215.4	198.0	178.6	157.1	132.8	109.4
-42.5°	262.2	254.0	245.1	235.3	221.9	207.0	190.2	170.6	148.8	125.7	103.3
-45°	255.0	246.8	237.7	226.5	213.6	198.4	181.0	162.1	140.1	118.2	97.0
-47.5°	247.0	238.7	229.0	217.6	204.0	189.0	171.4	152.1	131.1	110.5	90.6
-50°	238.2	229.6	219.3	207.2	194.1	178.1	161.1	141.7	122.1	102.5	84.0
-52.5°	228.5	219.2	208.3	196.2	182.2	166.9	149.5	131.2	112.8	94.6	77.1
-55°	217.7	207.2	196.2	183.6	169.8	154.3	137.6	120.5	103.3	86.5	70.0
-57.5°	204.4	194.1	182.6	170.2	156.1	141.0	125.5	109.6	93.8	78.2	63.8
-60°	190.1	179.3	168.1	155.2	141.5	127.6	113.2	98.6	84.2	69.9	57.4
-62.5°	174.2	163.6	151.5	139.2	126.8	114.0	100.7	87.7	74.4	62.3	50.9
-65°	156.3	145.4	134.2	123.4	112.0	100.2	88.5	76.5	65.1	54.4	44.5
-67.5°	136.7	127.0	117.5	107.6	97.1	86.5	76.0	65.7	55.8	46.3	39.0
-70°	116.8	108.5	100.2	91.1	81.8	72.6	63.8	54.9	46.3	40.0	33.5
-72.5°	96.8	89.7	82.2	74.4	67.0	59.4	51.7	44.6	39.3	33.7	27.9
-75°	77.2	71.1	65.0	59.0	52.6	46.2	41.5	37.1	32.4	27.4	23.1
-77.5°	57.4	52.8	48.2	44.2	40.1	36.3	32.8	29.5	25.6	22.0	18.5
-80°	39.5	36.9	34.1	31.3	28.6	26.1	24.4	22.3	19.4	16.6	13.9
-82.5°	24.1	22.9	21.9	20.8	19.7	18.5	17.0	15.3	13.2	11.2	9.7
-85°	15.2	14.5	13.7	12.8	11.9	10.8	10.0	9.1	8.3	7.4	6.5
-87.5°	7.3	6.9	6.6	6.2	5.8	5.4	5.0	4.6	4.1	3.7	3.2
-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°	2.8	2.4	2.0	1.6	1.1	0.5	0.0
85°	5.6	4.8	4.0	3.1	2.1	1.1	0.0
82.5°	8.4	7.2	6.0	4.7	3.2	1.6	0.0
80°	11.3	9.7	8.0	6.2	4.3	2.1	0.0
77.5°	15.2	12.4	10.0	7.7	5.3	2.7	0.0
75°	19.1	15.6	12.1	9.3	6.4	3.2	0.0
72.5°	22.9	18.8	14.6	10.8	7.4	3.7	0.0
70°	26.9	22.0	17.2	12.4	8.4	4.2	0.0
67.5°	31.7	25.1	19.7	14.2	9.4	4.7	0.0
65°	36.4	28.6	22.2	16.1	10.4	5.2	0.0
62.5°	41.1	32.4	24.6	17.9	11.3	5.7	0.0
60°	45.6	36.1	27.0	19.7	12.3	6.1	0.0
57.5°	51.0	39.8	29.8	21.5	13.4	6.6	0.0
55°	56.3	43.3	32.6	23.2	14.6	7.1	0.0
52.5°	61.5	46.8	35.3	24.8	15.6	7.5	0.0
50°	66.5	51.0	37.9	26.4	16.7	7.9	0.0
47.5°	71.5	55.0	40.4	28.0	17.7	8.3	0.0
45°	76.9	58.9	42.7	29.8	18.7	8.7	0.0
42.5°	82.1	62.7	45.0	31.5	19.6	9.1	0.0
40°	87.0	66.2	47.5	33.1	20.5	9.4	0.0
37.5°	91.7	69.6	50.2	34.6	21.3	9.8	0.0
35°	96.0	73.1	52.8	36.0	22.1	10.1	0.0
32.5°	100.2	76.5	55.2	37.3	22.9	10.4	0.0
30°	104.4	79.7	57.4	38.4	23.6	10.7	0.0
27.5°	108.2	82.6	59.4	39.5	24.2	10.9	0.0
25°	111.7	85.3	61.3	40.5	24.8	11.1	0.0
22.5°	114.9	87.7	63.0	41.4	25.4	11.4	0.0
20°	117.8	89.9	64.6	42.2	25.8	11.6	0.0
17.5°	120.4	91.9	66.0	42.8	26.3	11.7	0.0
15°	122.7	93.6	67.2	43.4	26.6	11.9	0.0
12.5°	124.6	95.1	68.3	43.8	27.0	12.0	0.0
10°	126.2	96.3	69.1	44.2	27.2	12.1	0.0
7.5°	127.5	97.2	69.8	44.5	27.4	12.2	0.0
5°	128.4	97.9	70.3	44.6	27.6	12.3	0.0
2.5°	128.9	98.3	70.6	44.6	27.7	12.3	0.0
0°	129.1	98.4	70.7	44.6	27.7	12.3	0.0
-2.5°	128.9	98.3	70.6	44.6	27.7	12.3	0.0
-5°	128.4	97.9	70.3	44.6	27.6	12.3	0.0
-7.5°	127.5	97.2	69.8	44.5	27.4	12.2	0.0
-10°	126.2	96.3	69.1	44.2	27.2	12.1	0.0
-12.5°	124.6	95.1	68.3	43.8	27.0	12.0	0.0
-15°	122.7	93.6	67.2	43.4	26.6	11.9	0.0
-17.5°	120.4	91.9	66.0	42.8	26.3	11.7	0.0
-20°	117.8	89.9	64.6	42.2	25.8	11.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	114.9	87.7	63.0	41.4	25.4	11.4	0.0
-25°	111.7	85.3	61.3	40.5	24.8	11.1	0.0
-27.5°	108.2	82.6	59.4	39.5	24.2	10.9	0.0
-30°	104.4	79.7	57.4	38.4	23.6	10.7	0.0
-32.5°	100.2	76.5	55.2	37.3	22.9	10.4	0.0
-35°	96.0	73.1	52.8	36.0	22.1	10.1	0.0
-37.5°	91.7	69.6	50.2	34.6	21.3	9.8	0.0
-40°	87.0	66.2	47.5	33.1	20.5	9.4	0.0
-42.5°	82.1	62.7	45.0	31.5	19.6	9.1	0.0
-45°	76.9	58.9	42.7	29.8	18.7	8.7	0.0
-47.5°	71.5	55.0	40.4	28.0	17.7	8.3	0.0
-50°	66.5	51.0	37.9	26.4	16.7	7.9	0.0
-52.5°	61.5	46.8	35.3	24.8	15.6	7.5	0.0
-55°	56.3	43.3	32.6	23.2	14.6	7.1	0.0
-57.5°	51.0	39.8	29.8	21.5	13.4	6.6	0.0
-60°	45.6	36.1	27.0	19.7	12.3	6.1	0.0
-62.5°	41.1	32.4	24.6	17.9	11.3	5.7	0.0
-65°	36.4	28.6	22.2	16.1	10.4	5.2	0.0
-67.5°	31.7	25.1	19.7	14.2	9.4	4.7	0.0
-70°	26.9	22.0	17.2	12.4	8.4	4.2	0.0
-72.5°	22.9	18.8	14.6	10.8	7.4	3.7	0.0
-75°	19.1	15.6	12.1	9.3	6.4	3.2	0.0
-77.5°	15.2	12.4	10.0	7.7	5.3	2.7	0.0
-80°	11.3	9.7	8.0	6.2	4.3	2.1	0.0
-82.5°	8.4	7.2	6.0	4.7	3.2	1.6	0.0
-85°	5.6	4.8	4.0	3.1	2.1	1.1	0.0
-87.5°	2.8	2.4	2.0	1.6	1.1	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)