

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: P558773 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-940-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558773 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA3B-940-U-MWR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (48) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

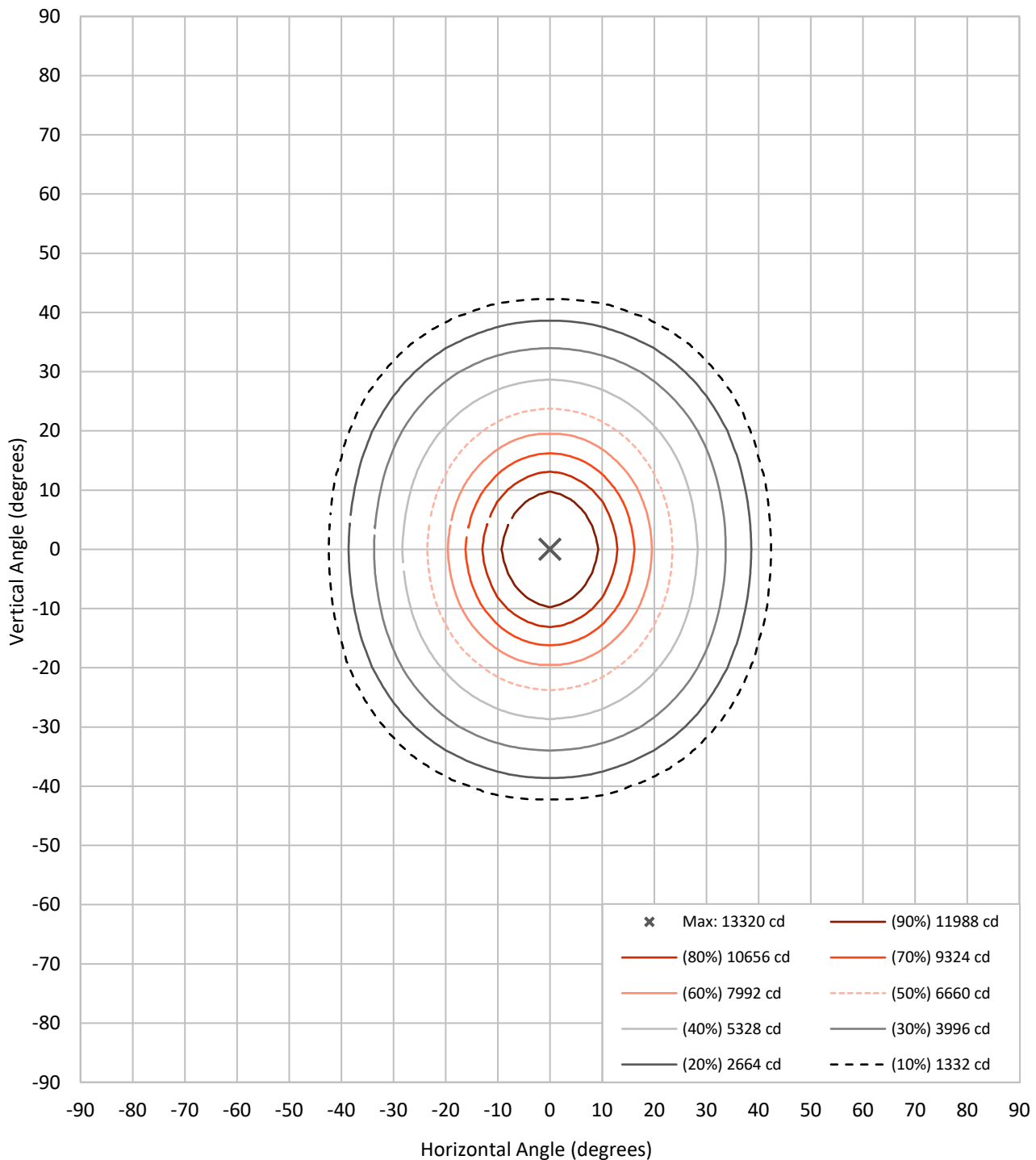
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	10368.9 lumens	Max Intensity:	13320 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	113.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	4892.7 lumens	Field Lumens:	9414.9 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 91
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





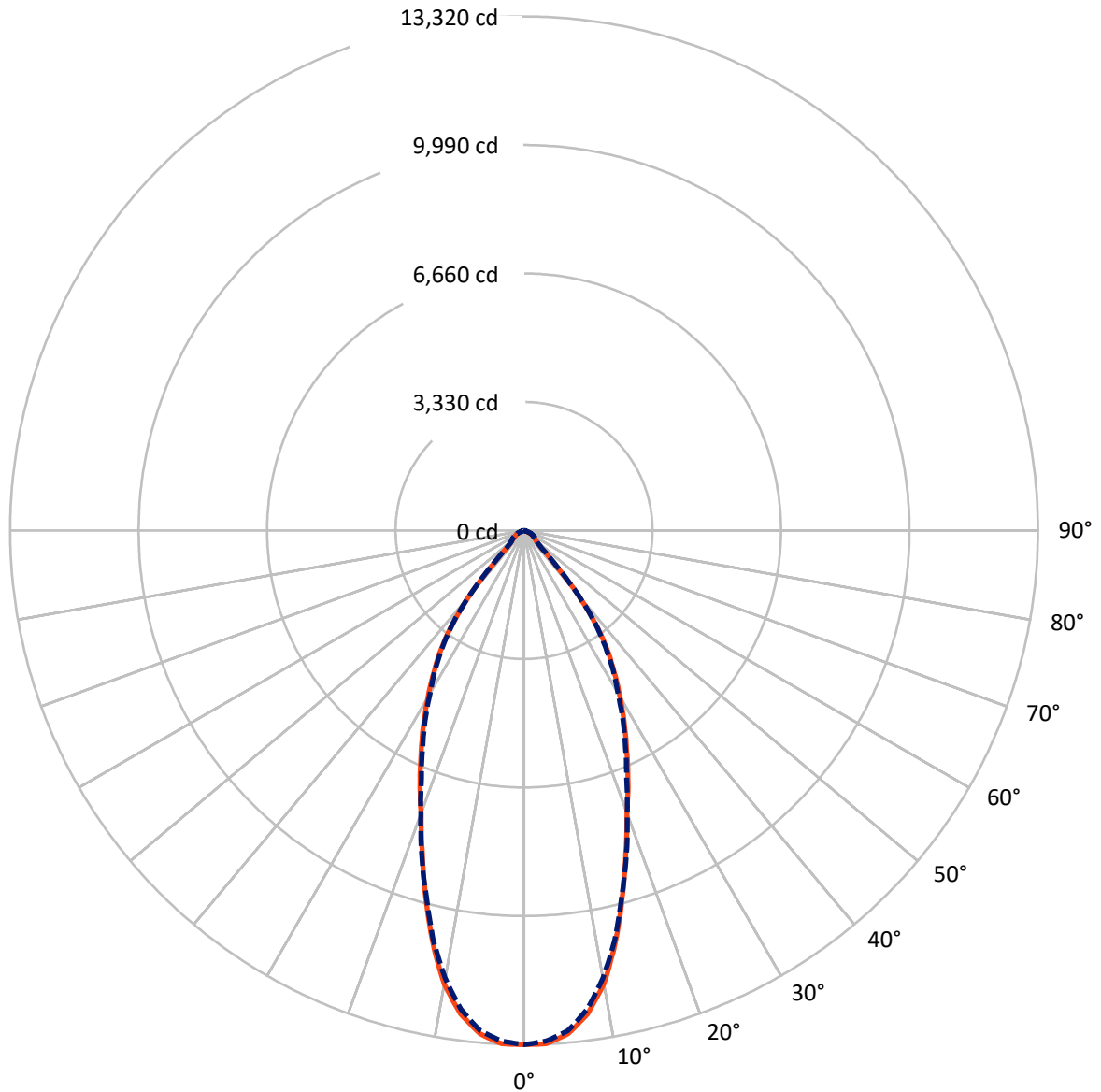
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Lumen Table

90																			
80	0.2	1.3		2.8		4.7		3.6		4.7		2.8		1.3		0.2			
70																			
60	0.7	0.8	1.5	2.3	3.3	4.1	4.7	5.1	5.1	4.7	4.1	3.3	2.3	1.5	0.8	0.7			
50		1.3	2.5	4.2	6.0	7.4	8.5	9.4	9.4	8.5	7.4	6.0	4.2	2.5	1.3				
40	1.1	1.7	3.5	5.8	8.5	11.6	18.4	25.8	25.8	18.4	11.6	8.5	5.8	3.5	1.7	1.1			
30		2.0	4.3	7.3	13.7	43.7	85.1	108.4	108.4	85.1	43.7	13.7	7.3	4.3	2.0				
20	1.2	2.3	5.1	9.1	40.0	104.4	154.0	186.5	186.5	154.0	104.4	40.0	9.1	5.1	2.3	1.2			
10		2.6	5.6	14.0	72.6	144.1	218.9	285.0	285.0	218.9	144.1	72.6	14.0	5.6	2.6				
0	1.3	2.8	6.1	19.3	88.5	168.1	275.4	372.4	372.4	275.4	168.1	88.5	19.3	6.1	2.8	1.3			
-10		2.8	6.1	19.3	88.5	168.1	275.4	372.4	372.4	275.4	168.1	88.5	19.3	6.1	2.8				
-20	1.2	2.6	5.6	14.0	72.6	144.1	218.9	285.0	285.0	218.9	144.1	72.6	14.0	5.6	2.6	1.2			
-30		2.3	5.1	9.1	40.0	104.4	154.0	186.5	186.5	154.0	104.4	40.0	9.1	5.1	2.3				
-40	1.1	2.0	4.3	7.3	13.7	43.7	85.1	108.4	108.4	85.1	43.7	13.7	7.3	4.3	2.0	1.1			
-50		1.7	3.5	5.8	8.5	11.6	18.4	25.8	25.8	18.4	11.6	8.5	5.8	3.5	1.7				
-60	0.7	1.3	2.5	4.2	6.0	7.4	8.5	9.4	9.4	8.5	7.4	6.0	4.2	2.5	1.3	0.7			
-70		0.8	1.5	2.3	3.3	4.1	4.7	5.1	5.1	4.7	4.1	3.3	2.3	1.5	0.8				
-80																			
-90	0.2	1.3		2.8		4.7		3.6		4.7		2.8		1.3		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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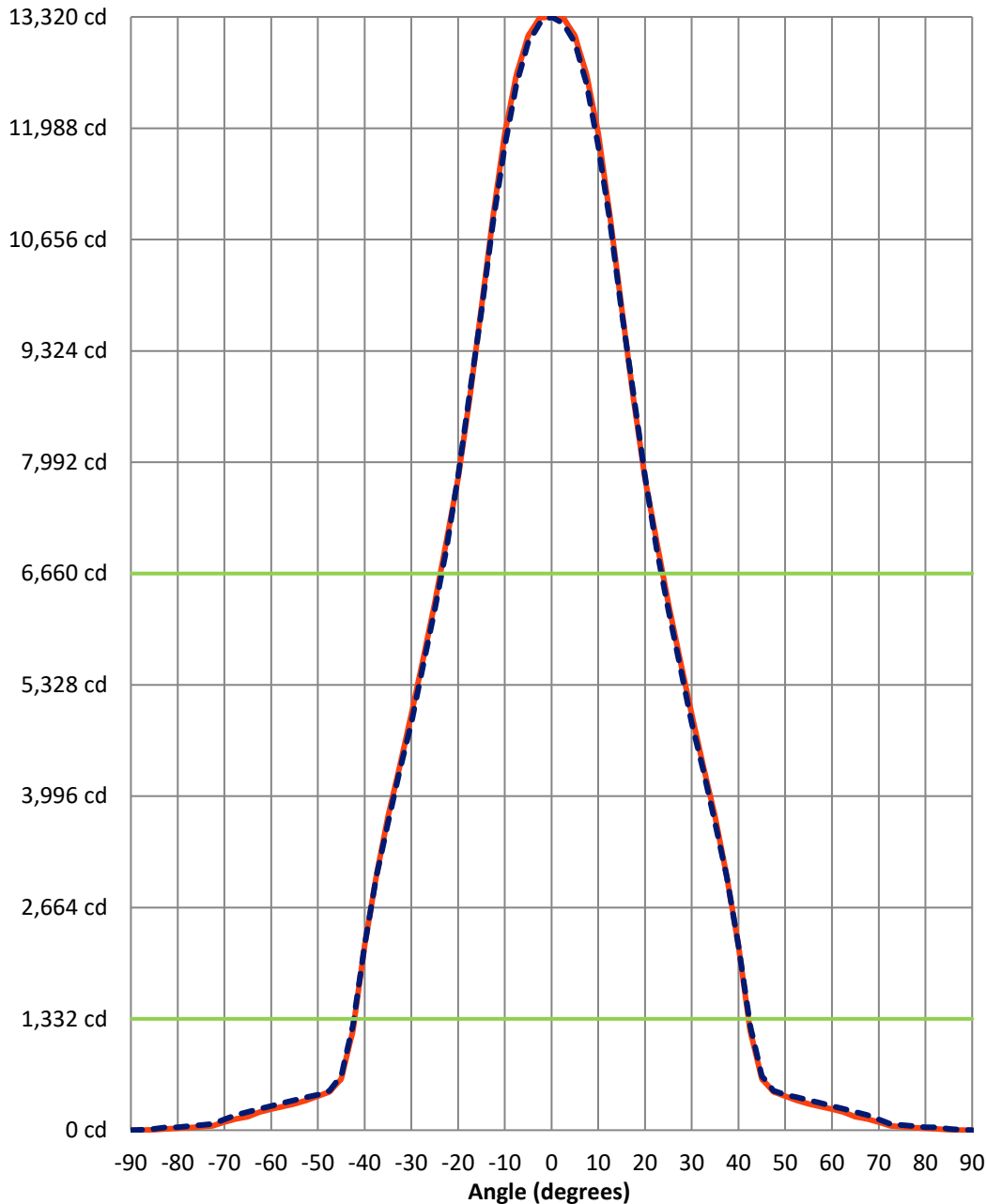
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 47°
V Angle: 47.6°
Lumens: 4892.7
Efficiency: 47.2%

Field:
H Angle: 84.6°
V Angle: 84.3°
Lumens: 9414.9
Efficiency: 90.8%

Spill:
Lumens: 954
Efficiency: 9.2%

— 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	0.2	0.4	0.7	1.0	1.4	1.8	2.0	2.2	2.4	2.5
85°	0.0	0.4	0.9	1.4	2.1	2.8	3.6	4.1	4.4	4.8	5.1
82.5°	0.0	0.7	1.3	2.1	3.1	4.2	5.4	6.1	6.9	8.2	9.2
80°	0.0	0.9	1.7	2.8	4.1	5.6	7.5	9.9	11.8	13.3	14.3
77.5°	0.0	1.1	2.2	3.5	5.1	7.6	11.7	14.6	16.8	18.4	19.9
75°	0.0	1.3	2.6	4.2	6.4	10.8	15.9	19.4	22.0	24.7	26.8
72.5°	0.0	1.5	3.0	4.9	8.7	14.0	20.0	24.5	28.4	31.5	33.8
70°	0.0	1.7	3.4	5.7	11.0	17.1	24.0	30.4	34.8	38.3	43.8
67.5°	0.0	1.9	3.8	7.3	13.3	20.1	28.8	36.4	41.2	46.9	54.2
65°	0.0	2.1	4.2	8.8	15.4	23.3	33.3	42.3	48.0	55.2	63.9
62.5°	0.0	2.3	4.6	10.2	17.5	26.7	37.7	47.7	54.4	63.2	72.9
60°	0.0	2.5	5.0	11.6	19.5	29.9	41.8	52.6	60.6	71.2	81.8
57.5°	0.0	2.7	5.9	13.0	21.7	32.9	44.6	57.0	67.4	79.2	89.5
55°	0.0	2.9	6.7	14.3	23.9	35.8	47.0	60.2	74.4	86.7	96.7
52.5°	0.0	3.0	7.6	15.5	25.9	38.3	49.0	64.5	81.2	93.0	103.7
50°	0.0	3.2	8.3	16.6	27.8	39.5	50.7	68.5	87.5	99.2	111.5
47.5°	0.0	3.4	9.1	17.7	29.6	40.5	52.2	72.0	92.9	105.3	119.1
45°	0.0	3.5	9.8	18.9	31.2	41.2	54.8	75.1	95.6	111.8	126.3
42.5°	0.0	3.7	10.5	20.0	32.6	41.7	56.9	77.2	97.8	118.1	133.8
40°	0.0	3.8	11.2	21.1	33.4	41.9	58.7	78.6	99.6	123.6	141.0
37.5°	0.0	4.0	11.8	22.3	33.5	41.9	60.0	79.6	101.7	126.3	147.9
35°	0.0	4.1	12.4	23.5	33.4	42.4	61.0	80.2	103.4	130.4	154.5
32.5°	0.0	4.2	12.9	24.6	33.2	43.1	61.5	80.3	104.8	135.3	160.6
30°	0.0	4.3	13.4	25.7	32.9	43.5	61.4	80.3	105.8	141.0	166.5
27.5°	0.0	4.4	13.9	26.7	33.3	43.6	61.1	80.8	107.9	147.4	172.3
25°	0.0	4.5	14.3	27.7	33.7	43.5	60.4	81.1	112.2	152.8	178.1
22.5°	0.0	4.6	14.6	28.7	34.0	43.6	59.4	80.9	116.8	157.2	185.1
20°	0.0	4.7	15.0	29.6	34.3	44.7	58.2	80.5	121.4	161.4	191.5
17.5°	0.0	4.8	15.3	30.4	34.5	45.7	58.3	79.8	125.9	165.2	197.2
15°	0.0	4.8	15.5	31.1	34.6	46.6	59.1	79.5	130.3	168.7	202.2
12.5°	0.0	4.9	15.7	31.8	34.8	47.3	59.8	79.9	133.3	171.8	206.5
10°	0.0	4.9	15.8	32.4	34.9	47.9	60.4	79.7	134.5	174.4	210.2
7.5°	0.0	5.0	15.9	33.0	34.9	48.4	60.7	79.0	134.7	176.9	213.3
5°	0.0	5.0	16.0	33.4	35.0	48.7	61.0	78.0	133.7	179.2	215.6
2.5°	0.0	5.0	16.0	33.8	35.0	48.9	61.1	76.6	131.8	180.9	217.2
0°	0.0	5.0	16.0	34.0	35.0	49.0	61.0	75.0	129.0	182.0	218.0
-2.5°	0.0	5.0	16.0	33.8	35.0	48.9	61.1	76.6	131.8	180.9	217.2
-5°	0.0	5.0	16.0	33.4	35.0	48.7	61.0	78.0	133.7	179.2	215.6
-7.5°	0.0	5.0	15.9	33.0	34.9	48.4	60.7	79.0	134.7	176.9	213.3
-10°	0.0	4.9	15.8	32.4	34.9	47.9	60.4	79.7	134.5	174.4	210.2
-12.5°	0.0	4.9	15.7	31.8	34.8	47.3	59.8	79.9	133.3	171.8	206.5
-15°	0.0	4.8	15.5	31.1	34.6	46.6	59.1	79.5	130.3	168.7	202.2
-17.5°	0.0	4.8	15.3	30.4	34.5	45.7	58.3	79.8	125.9	165.2	197.2
-20°	0.0	4.7	15.0	29.6	34.3	44.7	58.2	80.5	121.4	161.4	191.5



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 CATALOG NUMBER: GFLD-SA3B-940-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.6	14.6	28.7	34.0	43.6	59.4	80.9	116.8	157.2	185.1
-25°	0.0	4.5	14.3	27.7	33.7	43.5	60.4	81.1	112.2	152.8	178.1
-27.5°	0.0	4.4	13.9	26.7	33.3	43.6	61.1	80.8	107.9	147.4	172.3
-30°	0.0	4.3	13.4	25.7	32.9	43.5	61.4	80.3	105.8	141.0	166.5
-32.5°	0.0	4.2	12.9	24.6	33.2	43.1	61.5	80.3	104.8	135.3	160.6
-35°	0.0	4.1	12.4	23.5	33.4	42.4	61.0	80.2	103.4	130.4	154.5
-37.5°	0.0	4.0	11.8	22.3	33.5	41.9	60.0	79.6	101.7	126.3	147.9
-40°	0.0	3.8	11.2	21.1	33.4	41.9	58.7	78.6	99.6	123.6	141.0
-42.5°	0.0	3.7	10.5	20.0	32.6	41.7	56.9	77.2	97.8	118.1	133.8
-45°	0.0	3.5	9.8	18.9	31.2	41.2	54.8	75.1	95.6	111.8	126.3
-47.5°	0.0	3.4	9.1	17.7	29.6	40.5	52.2	72.0	92.9	105.3	119.1
-50°	0.0	3.2	8.3	16.6	27.8	39.5	50.7	68.5	87.5	99.2	111.5
-52.5°	0.0	3.0	7.6	15.5	25.9	38.3	49.0	64.5	81.2	93.0	103.7
-55°	0.0	2.9	6.7	14.3	23.9	35.8	47.0	60.2	74.4	86.7	96.7
-57.5°	0.0	2.7	5.9	13.0	21.7	32.9	44.6	57.0	67.4	79.2	89.5
-60°	0.0	2.5	5.0	11.6	19.5	29.9	41.8	52.6	60.6	71.2	81.8
-62.5°	0.0	2.3	4.6	10.2	17.5	26.7	37.7	47.7	54.4	63.2	72.9
-65°	0.0	2.1	4.2	8.8	15.4	23.3	33.3	42.3	48.0	55.2	63.9
-67.5°	0.0	1.9	3.8	7.3	13.3	20.1	28.8	36.4	41.2	46.9	54.2
-70°	0.0	1.7	3.4	5.7	11.0	17.1	24.0	30.4	34.8	38.3	43.8
-72.5°	0.0	1.5	3.0	4.9	8.7	14.0	20.0	24.5	28.4	31.5	33.8
-75°	0.0	1.3	2.6	4.2	6.4	10.8	15.9	19.4	22.0	24.7	26.8
-77.5°	0.0	1.1	2.2	3.5	5.1	7.6	11.7	14.6	16.8	18.4	19.9
-80°	0.0	0.9	1.7	2.8	4.1	5.6	7.5	9.9	11.8	13.3	14.3
-82.5°	0.0	0.7	1.3	2.1	3.1	4.2	5.4	6.1	6.9	8.2	9.2
-85°	0.0	0.4	0.9	1.4	2.1	2.8	3.6	4.1	4.4	4.8	5.1
-87.5°	0.0	0.2	0.4	0.7	1.0	1.4	1.8	2.0	2.2	2.4	2.5
-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):

	-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°	2.5	2.5	2.4	2.3	2.1	1.9	1.7	1.4	1.5	1.5	1.6
85°	5.1	5.0	5.4	5.8	5.9	5.9	5.7	5.3	6.1	7.0	8.0
82.5°	10.1	11.0	11.8	12.7	12.7	12.4	11.9	11.5	13.2	15.4	17.7
80°	15.6	17.0	18.9	20.9	21.5	21.3	20.6	19.5	22.0	25.5	29.5
77.5°	22.4	25.1	27.8	30.6	31.3	30.7	29.4	27.3	30.4	36.2	42.5
75°	29.7	33.2	37.5	40.9	41.6	40.4	38.4	36.7	40.4	47.5	54.4
72.5°	38.8	44.4	48.7	51.7	51.9	50.9	49.9	48.9	53.1	61.6	68.6
70°	50.4	56.1	59.4	61.2	61.6	62.3	65.2	67.8	72.0	79.2	85.0
67.5°	61.9	66.4	69.4	71.6	75.9	80.0	83.9	87.9	92.6	98.7	103.1
65°	72.2	76.8	80.7	85.9	92.2	97.1	102.4	108.1	114.5	120.3	124.5
62.5°	82.3	87.2	92.8	99.6	106.9	113.6	121.3	129.2	136.8	143.4	150.6
60°	90.6	97.2	104.7	112.9	121.7	131.8	141.1	150.2	158.6	166.8	176.8
57.5°	98.5	107.5	116.6	126.5	138.0	150.3	161.2	171.2	181.7	193.5	203.4
55°	106.8	118.1	128.5	140.5	154.2	169.1	181.0	192.3	205.2	219.4	230.5
52.5°	115.8	128.2	140.5	154.9	171.4	186.2	198.7	212.7	228.4	243.9	256.7
50°	124.5	138.2	152.5	170.7	187.2	201.2	216.7	233.7	250.1	266.0	281.2
47.5°	133.3	147.9	166.9	185.5	200.9	217.4	235.5	253.0	270.2	286.7	302.7
45°	141.9	159.2	180.3	198.0	215.1	234.1	252.8	271.1	289.2	306.8	324.2
42.5°	150.2	170.3	191.6	210.1	229.8	249.6	269.1	288.5	307.6	326.5	345.0
40°	159.3	180.5	202.8	223.1	243.6	264.3	284.8	305.2	325.4	345.4	365.1
37.5°	167.6	191.0	214.3	235.4	256.6	278.2	299.7	321.4	342.7	363.5	385.9
35°	175.1	201.6	225.1	247.3	269.4	291.4	314.2	337.0	359.4	381.9	410.5
32.5°	183.5	212.3	235.3	258.7	281.7	304.3	328.0	352.1	375.9	402.3	443.4
30°	192.9	221.2	245.0	269.6	293.1	316.9	341.4	366.5	391.6	432.6	527.5
27.5°	202.1	229.4	254.5	279.7	303.8	328.5	354.2	380.2	415.2	478.2	632.2
25°	210.7	237.3	263.3	288.8	313.8	339.3	365.9	392.9	440.4	567.8	907.9
22.5°	217.9	244.9	272.0	297.2	322.8	349.2	376.8	412.7	486.0	658.3	1214.7
20°	224.0	252.2	279.8	306.0	331.2	358.0	386.7	431.5	555.4	916.5	1582.3
17.5°	229.7	258.8	287.0	314.4	340.9	367.1	396.6	447.8	617.8	1141.0	1951.9
15°	234.9	264.7	293.8	322.3	349.7	377.0	412.2	493.9	744.0	1363.8	2281.2
12.5°	239.6	269.8	299.9	329.6	357.6	385.9	426.2	539.8	898.6	1625.2	2505.9
10°	243.7	274.3	305.4	336.3	364.6	393.6	438.1	577.4	1025.8	1840.1	2686.5
7.5°	247.6	278.6	310.5	342.2	370.6	400.3	447.8	606.8	1124.0	2002.0	2830.7
5°	250.8	282.8	316.5	348.6	378.2	407.5	456.1	627.9	1193.0	2111.1	2935.6
2.5°	253.3	286.3	321.7	354.3	386.6	416.3	465.6	643.5	1237.4	2180.6	3002.7
0°	255.0	289.0	326.0	359.0	394.0	424.0	473.0	651.0	1254.0	2206.0	3028.0
-2.5°	253.3	286.3	321.7	354.3	386.6	416.3	465.6	643.5	1237.4	2180.6	3002.7
-5°	250.8	282.8	316.5	348.6	378.2	407.5	456.1	627.9	1193.0	2111.1	2935.6
-7.5°	247.6	278.6	310.5	342.2	370.6	400.3	447.8	606.8	1124.0	2002.0	2830.7
-10°	243.7	274.3	305.4	336.3	364.6	393.6	438.1	577.4	1025.8	1840.1	2686.5
-12.5°	239.6	269.8	299.9	329.6	357.6	385.9	426.2	539.8	898.6	1625.2	2505.9
-15°	234.9	264.7	293.8	322.3	349.7	377.0	412.2	493.9	744.0	1363.8	2281.2
-17.5°	229.7	258.8	287.0	314.4	340.9	367.1	396.6	447.8	617.8	1141.0	1951.9
-20°	224.0	252.2	279.8	306.0	331.2	358.0	386.7	431.5	555.4	916.5	1582.3



REPORT NUMBER: P558773 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-940-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	217.9	244.9	272.0	297.2	322.8	349.2	376.8	412.7	486.0	658.3	1214.7
-25°	210.7	237.3	263.3	288.8	313.8	339.3	365.9	392.9	440.4	567.8	907.9
-27.5°	202.1	229.4	254.5	279.7	303.8	328.5	354.2	380.2	415.2	478.2	632.2
-30°	192.9	221.2	245.0	269.6	293.1	316.9	341.4	366.5	391.6	432.6	527.5
-32.5°	183.5	212.3	235.3	258.7	281.7	304.3	328.0	352.1	375.9	402.3	443.4
-35°	175.1	201.6	225.1	247.3	269.4	291.4	314.2	337.0	359.4	381.9	410.5
-37.5°	167.6	191.0	214.3	235.4	256.6	278.2	299.7	321.4	342.7	363.5	385.9
-40°	159.3	180.5	202.8	223.1	243.6	264.3	284.8	305.2	325.4	345.4	365.1
-42.5°	150.2	170.3	191.6	210.1	229.8	249.6	269.1	288.5	307.6	326.5	345.0
-45°	141.9	159.2	180.3	198.0	215.1	234.1	252.8	271.1	289.2	306.8	324.2
-47.5°	133.3	147.9	166.9	185.5	200.9	217.4	235.5	253.0	270.2	286.7	302.7
-50°	124.5	138.2	152.5	170.7	187.2	201.2	216.7	233.7	250.1	266.0	281.2
-52.5°	115.8	128.2	140.5	154.9	171.4	186.2	198.7	212.7	228.4	243.9	256.7
-55°	106.8	118.1	128.5	140.5	154.2	169.1	181.0	192.3	205.2	219.4	230.5
-57.5°	98.5	107.5	116.6	126.5	138.0	150.3	161.2	171.2	181.7	193.5	203.4
-60°	90.6	97.2	104.7	112.9	121.7	131.8	141.1	150.2	158.6	166.8	176.8
-62.5°	82.3	87.2	92.8	99.6	106.9	113.6	121.3	129.2	136.8	143.4	150.6
-65°	72.2	76.8	80.7	85.9	92.2	97.1	102.4	108.1	114.5	120.3	124.5
-67.5°	61.9	66.4	69.4	71.6	75.9	80.0	83.9	87.9	92.6	98.7	103.1
-70°	50.4	56.1	59.4	61.2	61.6	62.3	65.2	67.8	72.0	79.2	85.0
-72.5°	38.8	44.4	48.7	51.7	51.9	50.9	49.9	48.9	53.1	61.6	68.6
-75°	29.7	33.2	37.5	40.9	41.6	40.4	38.4	36.7	40.4	47.5	54.4
-77.5°	22.4	25.1	27.8	30.6	31.3	30.7	29.4	27.3	30.4	36.2	42.5
-80°	15.6	17.0	18.9	20.9	21.5	21.3	20.6	19.5	22.0	25.5	29.5
-82.5°	10.1	11.0	11.8	12.7	12.7	12.4	11.9	11.5	13.2	15.4	17.7
-85°	5.1	5.0	5.4	5.8	5.9	5.9	5.7	5.3	6.1	7.0	8.0
-87.5°	2.5	2.5	2.4	2.3	2.1	1.9	1.7	1.4	1.5	1.5	1.6
-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: P558773 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-940-U-MWR-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°	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	1.7	1.5
85°	9.0	8.7	8.3	7.6	6.9	7.3	7.7	8.1	8.5	8.0	7.3
82.5°	20.2	20.4	20.4	20.4	20.3	21.2	22.0	22.7	23.4	21.6	19.5
80°	34.0	35.6	36.6	37.4	38.2	38.2	37.7	36.8	35.5	32.5	29.1
77.5°	49.1	51.7	52.9	54.2	55.5	56.0	56.3	56.6	57.0	51.7	45.0
75°	60.9	64.7	66.9	68.9	70.8	71.9	72.5	72.9	73.1	66.7	58.5
72.5°	74.3	78.0	80.6	83.2	85.5	87.1	88.0	88.6	89.1	83.6	75.7
70°	89.1	92.0	95.2	98.3	101.2	103.1	104.4	105.5	106.3	105.7	105.3
67.5°	106.5	109.1	113.0	115.9	119.0	121.1	123.3	125.1	126.5	127.9	129.6
65°	128.4	134.6	140.2	143.1	143.5	146.6	151.6	154.9	156.5	157.8	159.5
62.5°	158.9	166.4	170.4	175.1	181.3	187.0	189.2	192.2	195.7	200.0	204.9
60°	185.0	191.2	197.6	204.2	209.8	214.6	219.7	224.9	229.5	233.8	238.0
57.5°	211.7	218.4	225.0	232.7	238.1	241.3	246.3	252.5	257.2	260.9	266.5
55°	239.3	248.1	257.0	263.9	269.0	272.4	276.2	282.1	285.6	287.0	293.4
52.5°	267.1	277.5	288.4	296.6	302.0	307.1	311.7	316.9	320.5	322.2	328.5
50°	292.9	305.3	317.4	328.1	335.3	343.7	353.2	357.9	360.9	364.2	371.3
47.5°	317.4	331.2	344.3	356.3	366.7	376.1	384.3	392.2	403.7	413.0	422.1
45°	341.0	355.7	369.9	383.4	395.0	413.4	430.9	445.9	485.8	519.3	544.9
42.5°	363.2	381.0	396.9	419.4	443.9	486.5	552.1	613.0	730.7	882.3	1008.8
40°	386.3	409.4	437.9	481.8	564.8	650.1	905.4	1132.8	1356.4	1610.8	1828.8
37.5°	413.3	448.1	531.6	630.8	897.0	1191.5	1553.1	1908.2	2217.3	2481.8	2702.6
35°	449.0	556.5	712.6	1073.9	1467.2	1950.0	2366.9	2700.8	3006.1	3251.2	3435.7
32.5°	554.4	750.9	1163.4	1660.3	2201.3	2667.8	3073.8	3393.5	3672.1	3891.7	4062.7
30°	708.7	1160.4	1720.5	2315.7	2854.5	3299.9	3675.0	3979.8	4228.4	4451.9	4639.6
27.5°	1075.3	1656.5	2314.9	2921.9	3412.1	3829.0	4165.6	4467.4	4741.6	4976.9	5198.8
25°	1476.4	2195.9	2860.0	3412.5	3869.9	4261.1	4616.1	4946.2	5253.2	5528.6	5786.7
22.5°	1958.2	2675.8	3310.4	3821.8	4265.1	4666.9	5043.9	5411.4	5768.6	6104.8	6417.0
20°	2394.4	3098.7	3652.1	4162.8	4623.3	5042.1	5457.5	5885.8	6298.1	6703.0	7079.0
17.5°	2734.3	3389.5	3945.1	4462.7	4931.5	5405.7	5881.2	6373.1	6870.5	7340.7	7790.4
15°	3018.2	3632.1	4195.1	4712.7	5228.1	5751.4	6282.6	6862.1	7453.6	8016.4	8589.7
12.5°	3219.4	3834.5	4405.4	4924.7	5502.6	6070.6	6688.9	7349.3	8032.5	8688.1	9392.3
10°	3381.1	3996.0	4562.1	5122.1	5733.6	6363.4	7056.9	7784.4	8599.6	9375.9	10134.6
7.5°	3520.0	4130.8	4688.0	5283.0	5925.8	6618.1	7372.4	8194.8	9077.0	9940.8	10843.9
5°	3621.5	4222.6	4785.8	5414.9	6073.6	6804.1	7615.6	8494.4	9440.6	10387.1	11280.1
2.5°	3675.2	4275.0	4846.7	5496.8	6160.3	6916.9	7762.0	8693.5	9692.9	10725.6	11606.2
0°	3674.0	4297.0	4870.0	5552.0	6224.0	6951.0	7825.0	8821.0	9796.0	10869.0	11773.0
-2.5°	3675.2	4275.0	4846.7	5496.8	6160.3	6916.9	7762.0	8693.5	9692.9	10725.6	11606.2
-5°	3621.5	4222.6	4785.8	5414.9	6073.6	6804.1	7615.6	8494.4	9440.6	10387.1	11280.1
-7.5°	3520.0	4130.8	4688.0	5283.0	5925.8	6618.1	7372.4	8194.8	9077.0	9940.8	10843.9
-10°	3381.1	3996.0	4562.1	5122.1	5733.6	6363.4	7056.9	7784.4	8599.6	9375.9	10134.6
-12.5°	3219.4	3834.5	4405.4	4924.7	5502.6	6070.6	6688.9	7349.3	8032.5	8688.1	9392.3
-15°	3018.2	3632.1	4195.1	4712.7	5228.1	5751.4	6282.6	6862.1	7453.6	8016.4	8589.7
-17.5°	2734.3	3389.5	3945.1	4462.7	4931.5	5405.7	5881.2	6373.1	6870.5	7340.7	7790.4
-20°	2394.4	3098.7	3652.1	4162.8	4623.3	5042.1	5457.5	5885.8	6298.1	6703.0	7079.0



REPORT NUMBER: P558773 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-940-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1958.2	2675.8	3310.4	3821.8	4265.1	4666.9	5043.9	5411.4	5768.6	6104.8	6417.0
-25°	1476.4	2195.9	2860.0	3412.5	3869.9	4261.1	4616.1	4946.2	5253.2	5528.6	5786.7
-27.5°	1075.3	1656.5	2314.9	2921.9	3412.1	3829.0	4165.6	4467.4	4741.6	4976.9	5198.8
-30°	708.7	1160.4	1720.5	2315.7	2854.5	3299.9	3675.0	3979.8	4228.4	4451.9	4639.6
-32.5°	554.4	750.9	1163.4	1660.3	2201.3	2667.8	3073.8	3393.5	3672.1	3891.7	4062.7
-35°	449.0	556.5	712.6	1073.9	1467.2	1950.0	2366.9	2700.8	3006.1	3251.2	3435.7
-37.5°	413.3	448.1	531.6	630.8	897.0	1191.5	1553.1	1908.2	2217.3	2481.8	2702.6
-40°	386.3	409.4	437.9	481.8	564.8	650.1	905.4	1132.8	1356.4	1610.8	1828.8
-42.5°	363.2	381.0	396.9	419.4	443.9	486.5	552.1	613.0	730.7	882.3	1008.8
-45°	341.0	355.7	369.9	383.4	395.0	413.4	430.9	445.9	485.8	519.3	544.9
-47.5°	317.4	331.2	344.3	356.3	366.7	376.1	384.3	392.2	403.7	413.0	422.1
-50°	292.9	305.3	317.4	328.1	335.3	343.7	353.2	357.9	360.9	364.2	371.3
-52.5°	267.1	277.5	288.4	296.6	302.0	307.1	311.7	316.9	320.5	322.2	328.5
-55°	239.3	248.1	257.0	263.9	269.0	272.4	276.2	282.1	285.6	287.0	293.4
-57.5°	211.7	218.4	225.0	232.7	238.1	241.3	246.3	252.5	257.2	260.9	266.5
-60°	185.0	191.2	197.6	204.2	209.8	214.6	219.7	224.9	229.5	233.8	238.0
-62.5°	158.9	166.4	170.4	175.1	181.3	187.0	189.2	192.2	195.7	200.0	204.9
-65°	128.4	134.6	140.2	143.1	143.5	146.6	151.6	154.9	156.5	157.8	159.5
-67.5°	106.5	109.1	113.0	115.9	119.0	121.1	123.3	125.1	126.5	127.9	129.6
-70°	89.1	92.0	95.2	98.3	101.2	103.1	104.4	105.5	106.3	105.7	105.3
-72.5°	74.3	78.0	80.6	83.2	85.5	87.1	88.0	88.6	89.1	83.6	75.7
-75°	60.9	64.7	66.9	68.9	70.8	71.9	72.5	72.9	73.1	66.7	58.5
-77.5°	49.1	51.7	52.9	54.2	55.5	56.0	56.3	56.6	57.0	51.7	45.0
-80°	34.0	35.6	36.6	37.4	38.2	38.2	37.7	36.8	35.5	32.5	29.1
-82.5°	20.2	20.4	20.4	20.4	20.3	21.2	22.0	22.7	23.4	21.6	19.5
-85°	9.0	8.7	8.3	7.6	6.9	7.3	7.7	8.1	8.5	8.0	7.3
-87.5°	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	1.7	1.5
-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: P558773 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-940-U-MWR-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°	1.2	1.0	1.0	1.0	1.0	1.0	1.2	1.5	1.7	1.9	1.9
85°	6.7	6.0	6.0	6.0	6.0	6.0	6.7	7.3	8.0	8.5	8.1
82.5°	17.3	14.9	15.0	15.0	14.9	17.3	19.5	21.6	23.4	22.7	22.7
80°	25.6	22.0	22.5	23.0	22.5	22.0	25.6	29.1	32.5	35.5	36.8
77.5°	37.8	30.2	30.0	30.0	30.0	30.2	37.8	45.0	51.7	57.0	56.6
75°	50.0	41.4	40.9	41.0	40.9	41.4	50.0	58.5	66.7	73.1	72.9
72.5°	67.6	59.3	55.6	52.0	55.6	59.3	67.6	75.7	83.6	89.1	88.6
70°	105.4	105.6	102.0	97.0	102.0	105.6	105.4	105.3	105.7	106.3	105.5
67.5°	131.0	132.1	133.6	135.0	133.6	132.1	131.0	129.6	127.9	126.5	125.1
65°	160.2	160.2	160.7	161.0	160.7	160.2	160.2	159.5	157.8	156.5	154.9
62.5°	209.1	212.4	214.8	216.0	214.8	212.4	209.1	204.9	200.0	195.7	192.2
60°	241.4	244.2	248.1	252.0	248.1	244.2	241.4	238.0	233.8	229.5	224.9
57.5°	271.7	276.4	280.2	283.0	280.2	276.4	271.7	266.5	260.9	257.2	252.5
55°	299.6	305.0	310.3	315.0	310.3	305.0	299.6	293.4	287.0	285.6	282.1
52.5°	334.7	339.1	346.6	356.0	346.6	339.1	334.7	328.5	322.2	320.5	316.9
50°	379.5	386.3	395.7	407.0	395.7	386.3	379.5	371.3	364.2	360.9	357.9
47.5°	431.3	438.1	447.1	459.0	447.1	438.1	431.3	422.1	413.0	403.7	392.2
45°	568.3	584.3	598.9	615.0	598.9	584.3	568.3	544.9	519.3	485.8	445.9
42.5°	1110.3	1180.4	1210.7	1193.0	1210.7	1180.4	1110.3	1008.8	882.3	730.7	613.0
40°	1994.9	2111.5	2180.1	2204.0	2180.1	2111.5	1994.9	1828.8	1610.8	1356.4	1132.8
37.5°	2863.9	2971.2	3029.2	3036.0	3029.2	2971.2	2863.9	2702.6	2481.8	2217.3	1908.2
35°	3568.9	3657.3	3709.7	3749.0	3709.7	3657.3	3568.9	3435.7	3251.2	3006.1	2700.8
32.5°	4202.0	4302.7	4360.9	4348.0	4360.9	4302.7	4202.0	4062.7	3891.7	3672.1	3393.5
30°	4793.4	4903.6	4972.0	4974.0	4972.0	4903.6	4793.4	4639.6	4451.9	4228.4	3979.8
27.5°	5378.1	5501.8	5573.1	5629.0	5573.1	5501.8	5378.1	5198.8	4976.9	4741.6	4467.4
25°	6001.9	6156.0	6247.6	6303.0	6247.6	6156.0	6001.9	5786.7	5528.6	5253.2	4946.2
22.5°	6674.4	6865.4	6990.9	7043.0	6990.9	6865.4	6674.4	6417.0	6104.8	5768.6	5411.4
20°	7406.0	7642.6	7802.8	7798.0	7802.8	7642.6	7406.0	7079.0	6703.0	6298.1	5885.8
17.5°	8222.3	8527.5	8734.1	8764.0	8734.1	8527.5	8222.3	7790.4	7340.7	6870.5	6373.1
15°	9097.4	9491.0	9758.2	9841.0	9758.2	9491.0	9097.4	8589.7	8016.4	7453.6	6862.1
12.5°	9994.2	10462.3	10818.5	10937.0	10818.5	10462.3	9994.2	9392.3	8688.1	8032.5	7349.3
10°	10848.7	11367.2	11753.9	11925.0	11753.9	11367.2	10848.7	10134.6	9375.9	8599.6	7784.4
7.5°	11563.0	12089.8	12488.1	12629.0	12488.1	12089.8	11563.0	10843.9	9940.8	9077.0	8194.8
5°	12033.6	12609.2	12918.9	13093.0	12918.9	12609.2	12033.6	11280.1	10387.1	9440.6	8494.4
2.5°	12348.0	12836.1	13149.7	13310.0	13149.7	12836.1	12348.0	11606.2	10725.6	9692.9	8693.5
0°	12515.0	13012.0	13242.0	13320.0	13242.0	13012.0	12515.0	11773.0	10869.0	9796.0	8821.0
-2.5°	12348.0	12836.1	13149.7	13310.0	13149.7	12836.1	12348.0	11606.2	10725.6	9692.9	8693.5
-5°	12033.6	12609.2	12918.9	13093.0	12918.9	12609.2	12033.6	11280.1	10387.1	9440.6	8494.4
-7.5°	11563.0	12089.8	12488.1	12629.0	12488.1	12089.8	11563.0	10843.9	9940.8	9077.0	8194.8
-10°	10848.7	11367.2	11753.9	11925.0	11753.9	11367.2	10848.7	10134.6	9375.9	8599.6	7784.4
-12.5°	9994.2	10462.3	10818.5	10937.0	10818.5	10462.3	9994.2	9392.3	8688.1	8032.5	7349.3
-15°	9097.4	9491.0	9758.2	9841.0	9758.2	9491.0	9097.4	8589.7	8016.4	7453.6	6862.1
-17.5°	8222.3	8527.5	8734.1	8764.0	8734.1	8527.5	8222.3	7790.4	7340.7	6870.5	6373.1
-20°	7406.0	7642.6	7802.8	7798.0	7802.8	7642.6	7406.0	7079.0	6703.0	6298.1	5885.8



REPORT NUMBER: P558773 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-940-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	6674.4	6865.4	6990.9	7043.0	6990.9	6865.4	6674.4	6417.0	6104.8	5768.6	5411.4
-25°	6001.9	6156.0	6247.6	6303.0	6247.6	6156.0	6001.9	5786.7	5528.6	5253.2	4946.2
-27.5°	5378.1	5501.8	5573.1	5629.0	5573.1	5501.8	5378.1	5198.8	4976.9	4741.6	4467.4
-30°	4793.4	4903.6	4972.0	4974.0	4972.0	4903.6	4793.4	4639.6	4451.9	4228.4	3979.8
-32.5°	4202.0	4302.7	4360.9	4348.0	4360.9	4302.7	4202.0	4062.7	3891.7	3672.1	3393.5
-35°	3568.9	3657.3	3709.7	3749.0	3709.7	3657.3	3568.9	3435.7	3251.2	3006.1	2700.8
-37.5°	2863.9	2971.2	3029.2	3036.0	3029.2	2971.2	2863.9	2702.6	2481.8	2217.3	1908.2
-40°	1994.9	2111.5	2180.1	2204.0	2180.1	2111.5	1994.9	1828.8	1610.8	1356.4	1132.8
-42.5°	1110.3	1180.4	1210.7	1193.0	1210.7	1180.4	1110.3	1008.8	882.3	730.7	613.0
-45°	568.3	584.3	598.9	615.0	598.9	584.3	568.3	544.9	519.3	485.8	445.9
-47.5°	431.3	438.1	447.1	459.0	447.1	438.1	431.3	422.1	413.0	403.7	392.2
-50°	379.5	386.3	395.7	407.0	395.7	386.3	379.5	371.3	364.2	360.9	357.9
-52.5°	334.7	339.1	346.6	356.0	346.6	339.1	334.7	328.5	322.2	320.5	316.9
-55°	299.6	305.0	310.3	315.0	310.3	305.0	299.6	293.4	287.0	285.6	282.1
-57.5°	271.7	276.4	280.2	283.0	280.2	276.4	271.7	266.5	260.9	257.2	252.5
-60°	241.4	244.2	248.1	252.0	248.1	244.2	241.4	238.0	233.8	229.5	224.9
-62.5°	209.1	212.4	214.8	216.0	214.8	212.4	209.1	204.9	200.0	195.7	192.2
-65°	160.2	160.2	160.7	161.0	160.7	160.2	160.2	159.5	157.8	156.5	154.9
-67.5°	131.0	132.1	133.6	135.0	133.6	132.1	131.0	129.6	127.9	126.5	125.1
-70°	105.4	105.6	102.0	97.0	102.0	105.6	105.4	105.3	105.7	106.3	105.5
-72.5°	67.6	59.3	55.6	52.0	55.6	59.3	67.6	75.7	83.6	89.1	88.6
-75°	50.0	41.4	40.9	41.0	40.9	41.4	50.0	58.5	66.7	73.1	72.9
-77.5°	37.8	30.2	30.0	30.0	30.0	30.2	37.8	45.0	51.7	57.0	56.6
-80°	25.6	22.0	22.5	23.0	22.5	22.0	25.6	29.1	32.5	35.5	36.8
-82.5°	17.3	14.9	15.0	15.0	15.0	14.9	17.3	19.5	21.6	23.4	22.7
-85°	6.7	6.0	6.0	6.0	6.0	6.0	6.7	7.3	8.0	8.5	8.1
-87.5°	1.2	1.0	1.0	1.0	1.0	1.0	1.2	1.5	1.7	1.9	1.9
-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: P558773 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-940-U-MWR-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°	1.9	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4
85°	7.7	7.3	6.9	7.6	8.3	8.7	9.0	8.0	7.0	6.1	5.3
82.5°	22.0	21.2	20.3	20.4	20.4	20.4	20.2	17.7	15.4	13.2	11.5
80°	37.7	38.2	38.2	37.4	36.6	35.6	34.0	29.5	25.5	22.0	19.5
77.5°	56.3	56.0	55.5	54.2	52.9	51.7	49.1	42.5	36.2	30.4	27.3
75°	72.5	71.9	70.8	68.9	66.9	64.7	60.9	54.4	47.5	40.4	36.7
72.5°	88.0	87.1	85.5	83.2	80.6	78.0	74.3	68.6	61.6	53.1	48.9
70°	104.4	103.1	101.2	98.3	95.2	92.0	89.1	85.0	79.2	72.0	67.8
67.5°	123.3	121.1	119.0	115.9	113.0	109.1	106.5	103.1	98.7	92.6	87.9
65°	151.6	146.6	143.5	143.1	140.2	134.6	128.4	124.5	120.3	114.5	108.1
62.5°	189.2	187.0	181.3	175.1	170.4	166.4	158.9	150.6	143.4	136.8	129.2
60°	219.7	214.6	209.8	204.2	197.6	191.2	185.0	176.8	166.8	158.6	150.2
57.5°	246.3	241.3	238.1	232.7	225.0	218.4	211.7	203.4	193.5	181.7	171.2
55°	276.2	272.4	269.0	263.9	257.0	248.1	239.3	230.5	219.4	205.2	192.3
52.5°	311.7	307.1	302.0	296.6	288.4	277.5	267.1	256.7	243.9	228.4	212.7
50°	353.2	343.7	335.3	328.1	317.4	305.3	292.9	281.2	266.0	250.1	233.7
47.5°	384.3	376.1	366.7	356.3	344.3	331.2	317.4	302.7	286.7	270.2	253.0
45°	430.9	413.4	395.0	383.4	369.9	355.7	341.0	324.2	306.8	289.2	271.1
42.5°	552.1	486.5	443.9	419.4	396.9	381.0	363.2	345.0	326.5	307.6	288.5
40°	905.4	650.1	564.8	481.8	437.9	409.4	386.3	365.1	345.4	325.4	305.2
37.5°	1553.1	1191.5	897.0	630.8	531.6	448.1	413.3	385.9	363.5	342.7	321.4
35°	2366.9	1950.0	1467.2	1073.9	712.6	556.5	449.0	410.5	381.9	359.4	337.0
32.5°	3073.8	2667.8	2201.3	1660.3	1163.4	750.9	554.4	443.4	402.3	375.9	352.1
30°	3675.0	3299.9	2854.5	2315.7	1720.5	1160.4	708.7	527.5	432.6	391.6	366.5
27.5°	4165.6	3829.0	3412.1	2921.9	2314.9	1656.5	1075.3	632.2	478.2	415.2	380.2
25°	4616.1	4261.1	3869.9	3412.5	2860.0	2195.9	1476.4	907.9	567.8	440.4	392.9
22.5°	5043.9	4666.9	4265.1	3821.8	3310.4	2675.8	1958.2	1214.7	658.3	486.0	412.7
20°	5457.5	5042.1	4623.3	4162.8	3652.1	3098.7	2394.4	1582.3	916.5	555.4	431.5
17.5°	5881.2	5405.7	4931.5	4462.7	3945.1	3389.5	2734.3	1951.9	1141.0	617.8	447.8
15°	6282.6	5751.4	5228.1	4712.7	4195.1	3632.1	3018.2	2281.2	1363.8	744.0	493.9
12.5°	6688.9	6070.6	5502.6	4924.7	4405.4	3834.5	3219.4	2505.9	1625.2	898.6	539.8
10°	7056.9	6363.4	5733.6	5122.1	4562.1	3996.0	3381.1	2686.5	1840.1	1025.8	577.4
7.5°	7372.4	6618.1	5925.8	5283.0	4688.0	4130.8	3520.0	2830.7	2002.0	1124.0	606.8
5°	7615.6	6804.1	6073.6	5414.9	4785.8	4222.6	3621.5	2935.6	2111.1	1193.0	627.9
2.5°	7762.0	6916.9	6160.3	5496.8	4846.7	4275.0	3675.2	3002.7	2180.6	1237.4	643.5
0°	7825.0	6951.0	6224.0	5552.0	4870.0	4297.0	3674.0	3028.0	2206.0	1254.0	651.0
-2.5°	7762.0	6916.9	6160.3	5496.8	4846.7	4275.0	3675.2	3002.7	2180.6	1237.4	643.5
-5°	7615.6	6804.1	6073.6	5414.9	4785.8	4222.6	3621.5	2935.6	2111.1	1193.0	627.9
-7.5°	7372.4	6618.1	5925.8	5283.0	4688.0	4130.8	3520.0	2830.7	2002.0	1124.0	606.8
-10°	7056.9	6363.4	5733.6	5122.1	4562.1	3996.0	3381.1	2686.5	1840.1	1025.8	577.4
-12.5°	6688.9	6070.6	5502.6	4924.7	4405.4	3834.5	3219.4	2505.9	1625.2	898.6	539.8
-15°	6282.6	5751.4	5228.1	4712.7	4195.1	3632.1	3018.2	2281.2	1363.8	744.0	493.9
-17.5°	5881.2	5405.7	4931.5	4462.7	3945.1	3389.5	2734.3	1951.9	1141.0	617.8	447.8
-20°	5457.5	5042.1	4623.3	4162.8	3652.1	3098.7	2394.4	1582.3	916.5	555.4	431.5



REPORT NUMBER: P558773 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-940-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5043.9	4666.9	4265.1	3821.8	3310.4	2675.8	1958.2	1214.7	658.3	486.0	412.7
-25°	4616.1	4261.1	3869.9	3412.5	2860.0	2195.9	1476.4	907.9	567.8	440.4	392.9
-27.5°	4165.6	3829.0	3412.1	2921.9	2314.9	1656.5	1075.3	632.2	478.2	415.2	380.2
-30°	3675.0	3299.9	2854.5	2315.7	1720.5	1160.4	708.7	527.5	432.6	391.6	366.5
-32.5°	3073.8	2667.8	2201.3	1660.3	1163.4	750.9	554.4	443.4	402.3	375.9	352.1
-35°	2366.9	1950.0	1467.2	1073.9	712.6	556.5	449.0	410.5	381.9	359.4	337.0
-37.5°	1553.1	1191.5	897.0	630.8	531.6	448.1	413.3	385.9	363.5	342.7	321.4
-40°	905.4	650.1	564.8	481.8	437.9	409.4	386.3	365.1	345.4	325.4	305.2
-42.5°	552.1	486.5	443.9	419.4	396.9	381.0	363.2	345.0	326.5	307.6	288.5
-45°	430.9	413.4	395.0	383.4	369.9	355.7	341.0	324.2	306.8	289.2	271.1
-47.5°	384.3	376.1	366.7	356.3	344.3	331.2	317.4	302.7	286.7	270.2	253.0
-50°	353.2	343.7	335.3	328.1	317.4	305.3	292.9	281.2	266.0	250.1	233.7
-52.5°	311.7	307.1	302.0	296.6	288.4	277.5	267.1	256.7	243.9	228.4	212.7
-55°	276.2	272.4	269.0	263.9	257.0	248.1	239.3	230.5	219.4	205.2	192.3
-57.5°	246.3	241.3	238.1	232.7	225.0	218.4	211.7	203.4	193.5	181.7	171.2
-60°	219.7	214.6	209.8	204.2	197.6	191.2	185.0	176.8	166.8	158.6	150.2
-62.5°	189.2	187.0	181.3	175.1	170.4	166.4	158.9	150.6	143.4	136.8	129.2
-65°	151.6	146.6	143.5	143.1	140.2	134.6	128.4	124.5	120.3	114.5	108.1
-67.5°	123.3	121.1	119.0	115.9	113.0	109.1	106.5	103.1	98.7	92.6	87.9
-70°	104.4	103.1	101.2	98.3	95.2	92.0	89.1	85.0	79.2	72.0	67.8
-72.5°	88.0	87.1	85.5	83.2	80.6	78.0	74.3	68.6	61.6	53.1	48.9
-75°	72.5	71.9	70.8	68.9	66.9	64.7	60.9	54.4	47.5	40.4	36.7
-77.5°	56.3	56.0	55.5	54.2	52.9	51.7	49.1	42.5	36.2	30.4	27.3
-80°	37.7	38.2	38.2	37.4	36.6	35.6	34.0	29.5	25.5	22.0	19.5
-82.5°	22.0	21.2	20.3	20.4	20.4	20.4	20.2	17.7	15.4	13.2	11.5
-85°	7.7	7.3	6.9	7.6	8.3	8.7	9.0	8.0	7.0	6.1	5.3
-87.5°	1.9	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4
-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: P558773 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-940-U-MWR-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°	1.7	1.9	2.1	2.3	2.4	2.5	2.5	2.5	2.4	2.2	2.0
85°	5.7	5.9	5.9	5.8	5.4	5.0	5.1	5.1	4.8	4.4	4.1
82.5°	11.9	12.4	12.7	12.7	11.8	11.0	10.1	9.2	8.2	6.9	6.1
80°	20.6	21.3	21.5	20.9	18.9	17.0	15.6	14.3	13.3	11.8	9.9
77.5°	29.4	30.7	31.3	30.6	27.8	25.1	22.4	19.9	18.4	16.8	14.6
75°	38.4	40.4	41.6	40.9	37.5	33.2	29.7	26.8	24.7	22.0	19.4
72.5°	49.9	50.9	51.9	51.7	48.7	44.4	38.8	33.8	31.5	28.4	24.5
70°	65.2	62.3	61.6	61.2	59.4	56.1	50.4	43.8	38.3	34.8	30.4
67.5°	83.9	80.0	75.9	71.6	69.4	66.4	61.9	54.2	46.9	41.2	36.4
65°	102.4	97.1	92.2	85.9	80.7	76.8	72.2	63.9	55.2	48.0	42.3
62.5°	121.3	113.6	106.9	99.6	92.8	87.2	82.3	72.9	63.2	54.4	47.7
60°	141.1	131.8	121.7	112.9	104.7	97.2	90.6	81.8	71.2	60.6	52.6
57.5°	161.2	150.3	138.0	126.5	116.6	107.5	98.5	89.5	79.2	67.4	57.0
55°	181.0	169.1	154.2	140.5	128.5	118.1	106.8	96.7	86.7	74.4	60.2
52.5°	198.7	186.2	171.4	154.9	140.5	128.2	115.8	103.7	93.0	81.2	64.5
50°	216.7	201.2	187.2	170.7	152.5	138.2	124.5	111.5	99.2	87.5	68.5
47.5°	235.5	217.4	200.9	185.5	166.9	147.9	133.3	119.1	105.3	92.9	72.0
45°	252.8	234.1	215.1	198.0	180.3	159.2	141.9	126.3	111.8	95.6	75.1
42.5°	269.1	249.6	229.8	210.1	191.6	170.3	150.2	133.8	118.1	97.8	77.2
40°	284.8	264.3	243.6	223.1	202.8	180.5	159.3	141.0	123.6	99.6	78.6
37.5°	299.7	278.2	256.6	235.4	214.3	191.0	167.6	147.9	126.3	101.7	79.6
35°	314.2	291.4	269.4	247.3	225.1	201.6	175.1	154.5	130.4	103.4	80.2
32.5°	328.0	304.3	281.7	258.7	235.3	212.3	183.5	160.6	135.3	104.8	80.3
30°	341.4	316.9	293.1	269.6	245.0	221.2	192.9	166.5	141.0	105.8	80.3
27.5°	354.2	328.5	303.8	279.7	254.5	229.4	202.1	172.3	147.4	107.9	80.8
25°	365.9	339.3	313.8	288.8	263.3	237.3	210.7	178.1	152.8	112.2	81.1
22.5°	376.8	349.2	322.8	297.2	272.0	244.9	217.9	185.1	157.2	116.8	80.9
20°	386.7	358.0	331.2	306.0	279.8	252.2	224.0	191.5	161.4	121.4	80.5
17.5°	396.6	367.1	340.9	314.4	287.0	258.8	229.7	197.2	165.2	125.9	79.8
15°	412.2	377.0	349.7	322.3	293.8	264.7	234.9	202.2	168.7	130.3	79.5
12.5°	426.2	385.9	357.6	329.6	299.9	269.8	239.6	206.5	171.8	133.3	79.9
10°	438.1	393.6	364.6	336.3	305.4	274.3	243.7	210.2	174.4	134.5	79.7
7.5°	447.8	400.3	370.6	342.2	310.5	278.6	247.6	213.3	176.9	134.7	79.0
5°	456.1	407.5	378.2	348.6	316.5	282.8	250.8	215.6	179.2	133.7	78.0
2.5°	465.6	416.3	386.6	354.3	321.7	286.3	253.3	217.2	180.9	131.8	76.6
0°	473.0	424.0	394.0	359.0	326.0	289.0	255.0	218.0	182.0	129.0	75.0
-2.5°	465.6	416.3	386.6	354.3	321.7	286.3	253.3	217.2	180.9	131.8	76.6
-5°	456.1	407.5	378.2	348.6	316.5	282.8	250.8	215.6	179.2	133.7	78.0
-7.5°	447.8	400.3	370.6	342.2	310.5	278.6	247.6	213.3	176.9	134.7	79.0
-10°	438.1	393.6	364.6	336.3	305.4	274.3	243.7	210.2	174.4	134.5	79.7
-12.5°	426.2	385.9	357.6	329.6	299.9	269.8	239.6	206.5	171.8	133.3	79.9
-15°	412.2	377.0	349.7	322.3	293.8	264.7	234.9	202.2	168.7	130.3	79.5
-17.5°	396.6	367.1	340.9	314.4	287.0	258.8	229.7	197.2	165.2	125.9	79.8
-20°	386.7	358.0	331.2	306.0	279.8	252.2	224.0	191.5	161.4	121.4	80.5



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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°	376.8	349.2	322.8	297.2	272.0	244.9	217.9	185.1	157.2	116.8	80.9
-25°	365.9	339.3	313.8	288.8	263.3	237.3	210.7	178.1	152.8	112.2	81.1
-27.5°	354.2	328.5	303.8	279.7	254.5	229.4	202.1	172.3	147.4	107.9	80.8
-30°	341.4	316.9	293.1	269.6	245.0	221.2	192.9	166.5	141.0	105.8	80.3
-32.5°	328.0	304.3	281.7	258.7	235.3	212.3	183.5	160.6	135.3	104.8	80.3
-35°	314.2	291.4	269.4	247.3	225.1	201.6	175.1	154.5	130.4	103.4	80.2
-37.5°	299.7	278.2	256.6	235.4	214.3	191.0	167.6	147.9	126.3	101.7	79.6
-40°	284.8	264.3	243.6	223.1	202.8	180.5	159.3	141.0	123.6	99.6	78.6
-42.5°	269.1	249.6	229.8	210.1	191.6	170.3	150.2	133.8	118.1	97.8	77.2
-45°	252.8	234.1	215.1	198.0	180.3	159.2	141.9	126.3	111.8	95.6	75.1
-47.5°	235.5	217.4	200.9	185.5	166.9	147.9	133.3	119.1	105.3	92.9	72.0
-50°	216.7	201.2	187.2	170.7	152.5	138.2	124.5	111.5	99.2	87.5	68.5
-52.5°	198.7	186.2	171.4	154.9	140.5	128.2	115.8	103.7	93.0	81.2	64.5
-55°	181.0	169.1	154.2	140.5	128.5	118.1	106.8	96.7	86.7	74.4	60.2
-57.5°	161.2	150.3	138.0	126.5	116.6	107.5	98.5	89.5	79.2	67.4	57.0
-60°	141.1	131.8	121.7	112.9	104.7	97.2	90.6	81.8	71.2	60.6	52.6
-62.5°	121.3	113.6	106.9	99.6	92.8	87.2	82.3	72.9	63.2	54.4	47.7
-65°	102.4	97.1	92.2	85.9	80.7	76.8	72.2	63.9	55.2	48.0	42.3
-67.5°	83.9	80.0	75.9	71.6	69.4	66.4	61.9	54.2	46.9	41.2	36.4
-70°	65.2	62.3	61.6	61.2	59.4	56.1	50.4	43.8	38.3	34.8	30.4
-72.5°	49.9	50.9	51.9	51.7	48.7	44.4	38.8	33.8	31.5	28.4	24.5
-75°	38.4	40.4	41.6	40.9	37.5	33.2	29.7	26.8	24.7	22.0	19.4
-77.5°	29.4	30.7	31.3	30.6	27.8	25.1	22.4	19.9	18.4	16.8	14.6
-80°	20.6	21.3	21.5	20.9	18.9	17.0	15.6	14.3	13.3	11.8	9.9
-82.5°	11.9	12.4	12.7	12.7	11.8	11.0	10.1	9.2	8.2	6.9	6.1
-85°	5.7	5.9	5.9	5.8	5.4	5.0	5.1	5.1	4.8	4.4	4.1
-87.5°	1.7	1.9	2.1	2.3	2.4	2.5	2.5	2.5	2.4	2.2	2.0
-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):

	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°	1.8	1.4	1.0	0.7	0.4	0.2	0.0
85°	3.6	2.8	2.1	1.4	0.9	0.4	0.0
82.5°	5.4	4.2	3.1	2.1	1.3	0.7	0.0
80°	7.5	5.6	4.1	2.8	1.7	0.9	0.0
77.5°	11.7	7.6	5.1	3.5	2.2	1.1	0.0
75°	15.9	10.8	6.4	4.2	2.6	1.3	0.0
72.5°	20.0	14.0	8.7	4.9	3.0	1.5	0.0
70°	24.0	17.1	11.0	5.7	3.4	1.7	0.0
67.5°	28.8	20.1	13.3	7.3	3.8	1.9	0.0
65°	33.3	23.3	15.4	8.8	4.2	2.1	0.0
62.5°	37.7	26.7	17.5	10.2	4.6	2.3	0.0
60°	41.8	29.9	19.5	11.6	5.0	2.5	0.0
57.5°	44.6	32.9	21.7	13.0	5.9	2.7	0.0
55°	47.0	35.8	23.9	14.3	6.7	2.9	0.0
52.5°	49.0	38.3	25.9	15.5	7.6	3.0	0.0
50°	50.7	39.5	27.8	16.6	8.3	3.2	0.0
47.5°	52.2	40.5	29.6	17.7	9.1	3.4	0.0
45°	54.8	41.2	31.2	18.9	9.8	3.5	0.0
42.5°	56.9	41.7	32.6	20.0	10.5	3.7	0.0
40°	58.7	41.9	33.4	21.1	11.2	3.8	0.0
37.5°	60.0	41.9	33.5	22.3	11.8	4.0	0.0
35°	61.0	42.4	33.4	23.5	12.4	4.1	0.0
32.5°	61.5	43.1	33.2	24.6	12.9	4.2	0.0
30°	61.4	43.5	32.9	25.7	13.4	4.3	0.0
27.5°	61.1	43.6	33.3	26.7	13.9	4.4	0.0
25°	60.4	43.5	33.7	27.7	14.3	4.5	0.0
22.5°	59.4	43.6	34.0	28.7	14.6	4.6	0.0
20°	58.2	44.7	34.3	29.6	15.0	4.7	0.0
17.5°	58.3	45.7	34.5	30.4	15.3	4.8	0.0
15°	59.1	46.6	34.6	31.1	15.5	4.8	0.0
12.5°	59.8	47.3	34.8	31.8	15.7	4.9	0.0
10°	60.4	47.9	34.9	32.4	15.8	4.9	0.0
7.5°	60.7	48.4	34.9	33.0	15.9	5.0	0.0
5°	61.0	48.7	35.0	33.4	16.0	5.0	0.0
2.5°	61.1	48.9	35.0	33.8	16.0	5.0	0.0
0°	61.0	49.0	35.0	34.0	16.0	5.0	0.0
-2.5°	61.1	48.9	35.0	33.8	16.0	5.0	0.0
-5°	61.0	48.7	35.0	33.4	16.0	5.0	0.0
-7.5°	60.7	48.4	34.9	33.0	15.9	5.0	0.0
-10°	60.4	47.9	34.9	32.4	15.8	4.9	0.0
-12.5°	59.8	47.3	34.8	31.8	15.7	4.9	0.0
-15°	59.1	46.6	34.6	31.1	15.5	4.8	0.0
-17.5°	58.3	45.7	34.5	30.4	15.3	4.8	0.0
-20°	58.2	44.7	34.3	29.6	15.0	4.7	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	59.4	43.6	34.0	28.7	14.6	4.6	0.0
-25°	60.4	43.5	33.7	27.7	14.3	4.5	0.0
-27.5°	61.1	43.6	33.3	26.7	13.9	4.4	0.0
-30°	61.4	43.5	32.9	25.7	13.4	4.3	0.0
-32.5°	61.5	43.1	33.2	24.6	12.9	4.2	0.0
-35°	61.0	42.4	33.4	23.5	12.4	4.1	0.0
-37.5°	60.0	41.9	33.5	22.3	11.8	4.0	0.0
-40°	58.7	41.9	33.4	21.1	11.2	3.8	0.0
-42.5°	56.9	41.7	32.6	20.0	10.5	3.7	0.0
-45°	54.8	41.2	31.2	18.9	9.8	3.5	0.0
-47.5°	52.2	40.5	29.6	17.7	9.1	3.4	0.0
-50°	50.7	39.5	27.8	16.6	8.3	3.2	0.0
-52.5°	49.0	38.3	25.9	15.5	7.6	3.0	0.0
-55°	47.0	35.8	23.9	14.3	6.7	2.9	0.0
-57.5°	44.6	32.9	21.7	13.0	5.9	2.7	0.0
-60°	41.8	29.9	19.5	11.6	5.0	2.5	0.0
-62.5°	37.7	26.7	17.5	10.2	4.6	2.3	0.0
-65°	33.3	23.3	15.4	8.8	4.2	2.1	0.0
-67.5°	28.8	20.1	13.3	7.3	3.8	1.9	0.0
-70°	24.0	17.1	11.0	5.7	3.4	1.7	0.0
-72.5°	20.0	14.0	8.7	4.9	3.0	1.5	0.0
-75°	15.9	10.8	6.4	4.2	2.6	1.3	0.0
-77.5°	11.7	7.6	5.1	3.5	2.2	1.1	0.0
-80°	7.5	5.6	4.1	2.8	1.7	0.9	0.0
-82.5°	5.4	4.2	3.1	2.1	1.3	0.7	0.0
-85°	3.6	2.8	2.1	1.4	0.9	0.4	0.0
-87.5°	1.8	1.4	1.0	0.7	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)