

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: P558877 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-927-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558877 (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-SA4B-927-U-MWR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (64) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

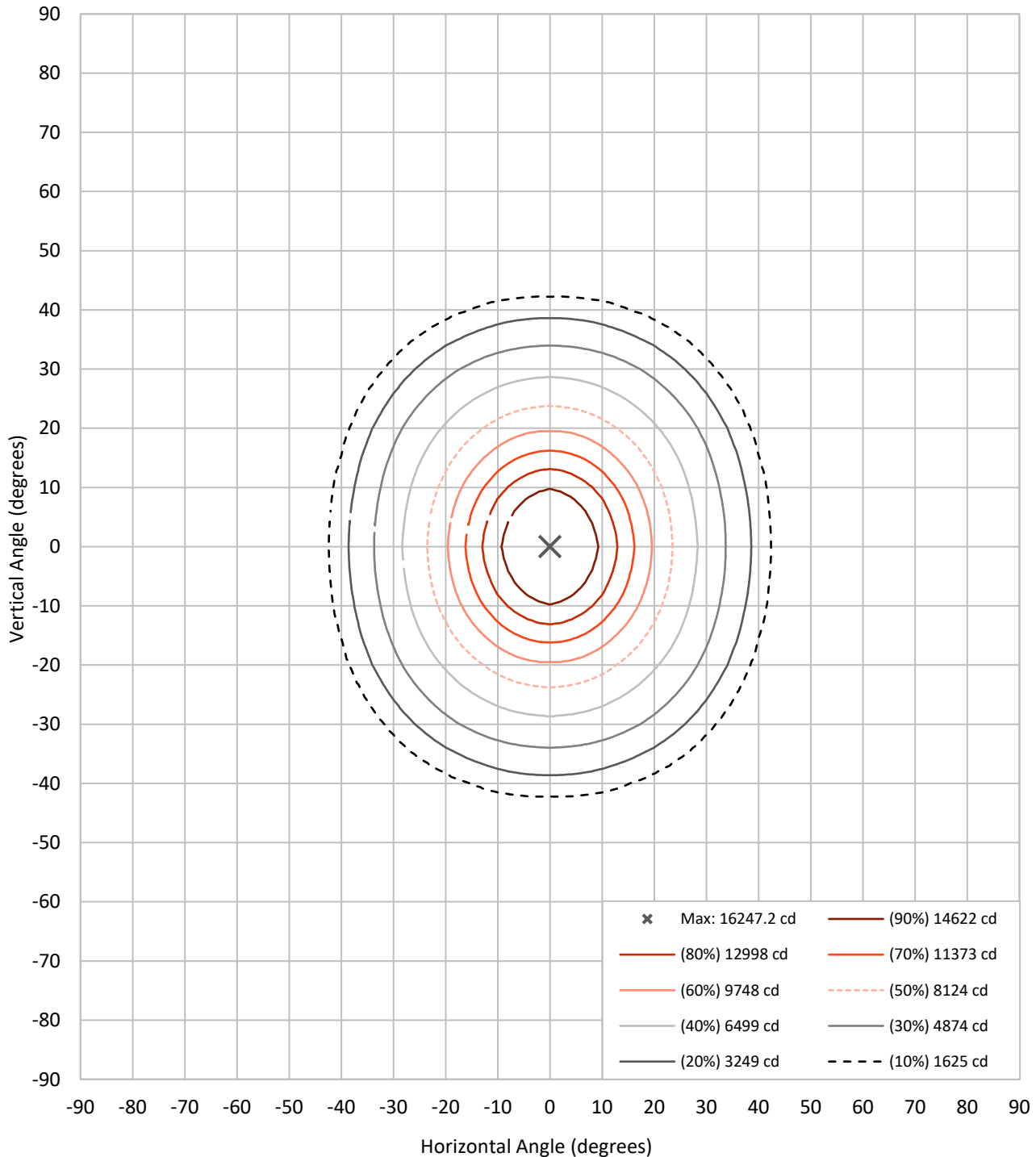
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	12647.6 lumens	Max Intensity:	16247.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	100.4 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	5968 lumens	Field Lumens:	11484 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 126
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





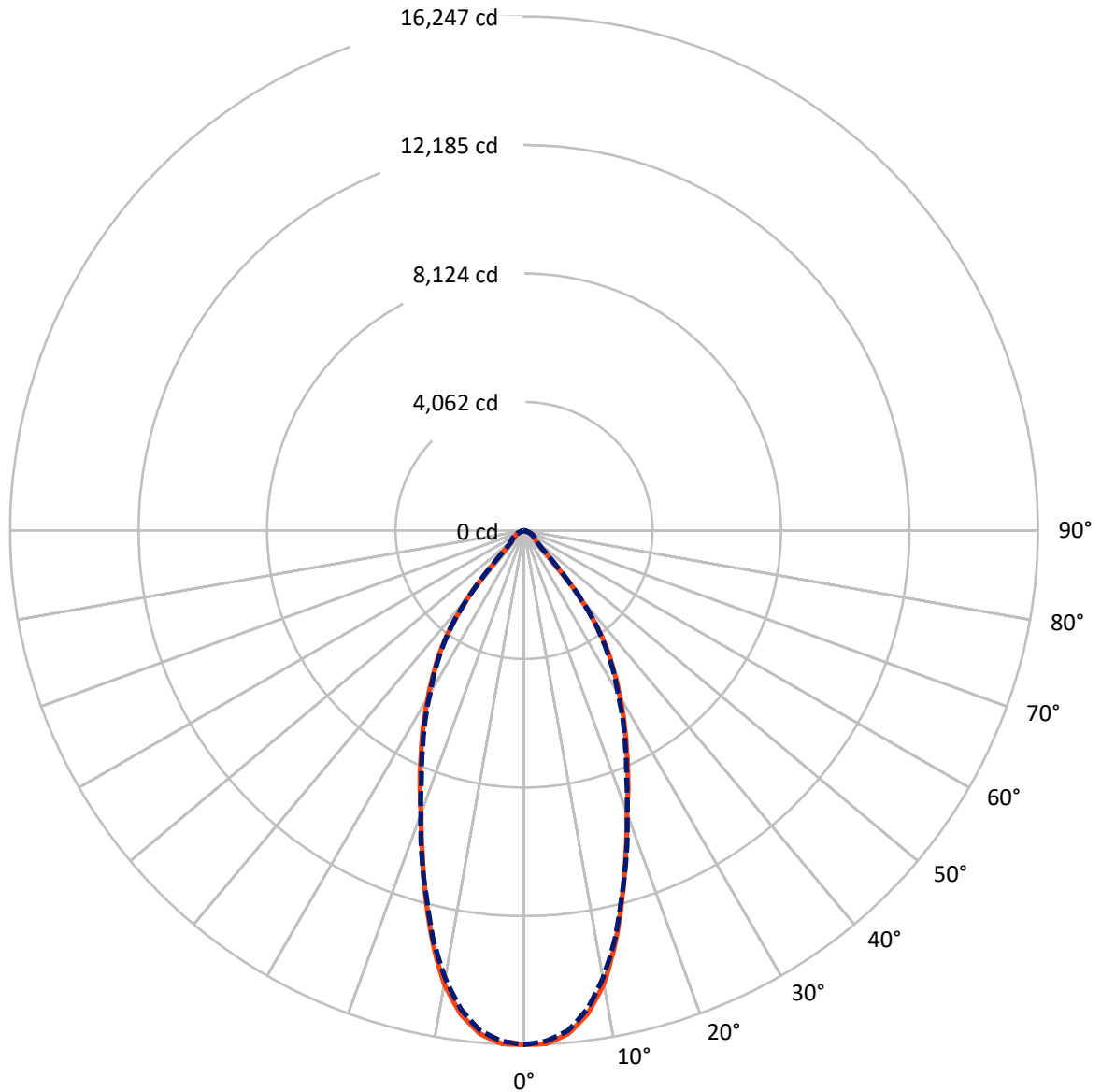
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Lumen Table

90	0.2	1.5		3.5		5.7		4.4		5.7		3.5		1.5		0.2			
80	0.2	1.5		3.5		5.7		4.4		5.7		3.5		1.5		0.2			
70	0.9	1.0	1.8	2.9	4.0	5.0	5.8	6.3	6.3	5.8	5.0	4.0	2.9	1.8	1.0	0.9			
60		1.5	3.0	5.1	7.3	9.1	10.4	11.4	11.4	10.4	9.1	7.3	5.1	3.0	1.5				
50	1.3	2.0	4.2	7.1	10.4	14.2	22.5	31.5	31.5	22.5	14.2	10.4	7.1	4.2	2.0	1.3			
40		2.4	5.3	8.9	16.7	53.3	103.8	132.2	132.2	103.8	53.3	16.7	8.9	5.3	2.4				
30	1.5	2.9	6.2	11.1	48.7	127.3	187.9	227.5	227.5	187.9	127.3	48.7	11.1	6.2	2.9	1.5			
20		3.2	6.9	17.0	88.6	175.7	267.0	347.6	347.6	267.0	175.7	88.6	17.0	6.9	3.2				
10	1.5	3.4	7.4	23.5	108.0	205.1	335.9	454.3	454.3	335.9	205.1	108.0	23.5	7.4	3.4	1.5			
0		3.4	7.4	23.5	108.0	205.1	335.9	454.3	454.3	335.9	205.1	108.0	23.5	7.4	3.4				
-10	1.5	3.2	6.9	17.0	88.6	175.7	267.0	347.6	347.6	267.0	175.7	88.6	17.0	6.9	3.2	1.5			
-20		2.9	6.2	11.1	48.7	127.3	187.9	227.5	227.5	187.9	127.3	48.7	11.1	6.2	2.9				
-30	1.3	2.4	5.3	8.9	16.7	53.3	103.8	132.2	132.2	103.8	53.3	16.7	8.9	5.3	2.4	1.3			
-40		2.0	4.2	7.1	10.4	14.2	22.5	31.5	31.5	22.5	14.2	10.4	7.1	4.2	2.0				
-50	0.9	1.5	3.0	5.1	7.3	9.1	10.4	11.4	11.4	10.4	9.1	7.3	5.1	3.0	1.5	0.9			
-60		1.0	1.8	2.9	4.0	5.0	5.8	6.3	6.3	5.8	5.0	4.0	2.9	1.8	1.0				
-70	0.2	1.5		3.5		5.7		4.4		5.7		3.5		1.5		0.2			
-80		1.5		3.5		5.7		4.4		5.7		3.5		1.5					
-90	0.2	1.5		3.5		5.7		4.4		5.7		3.5		1.5		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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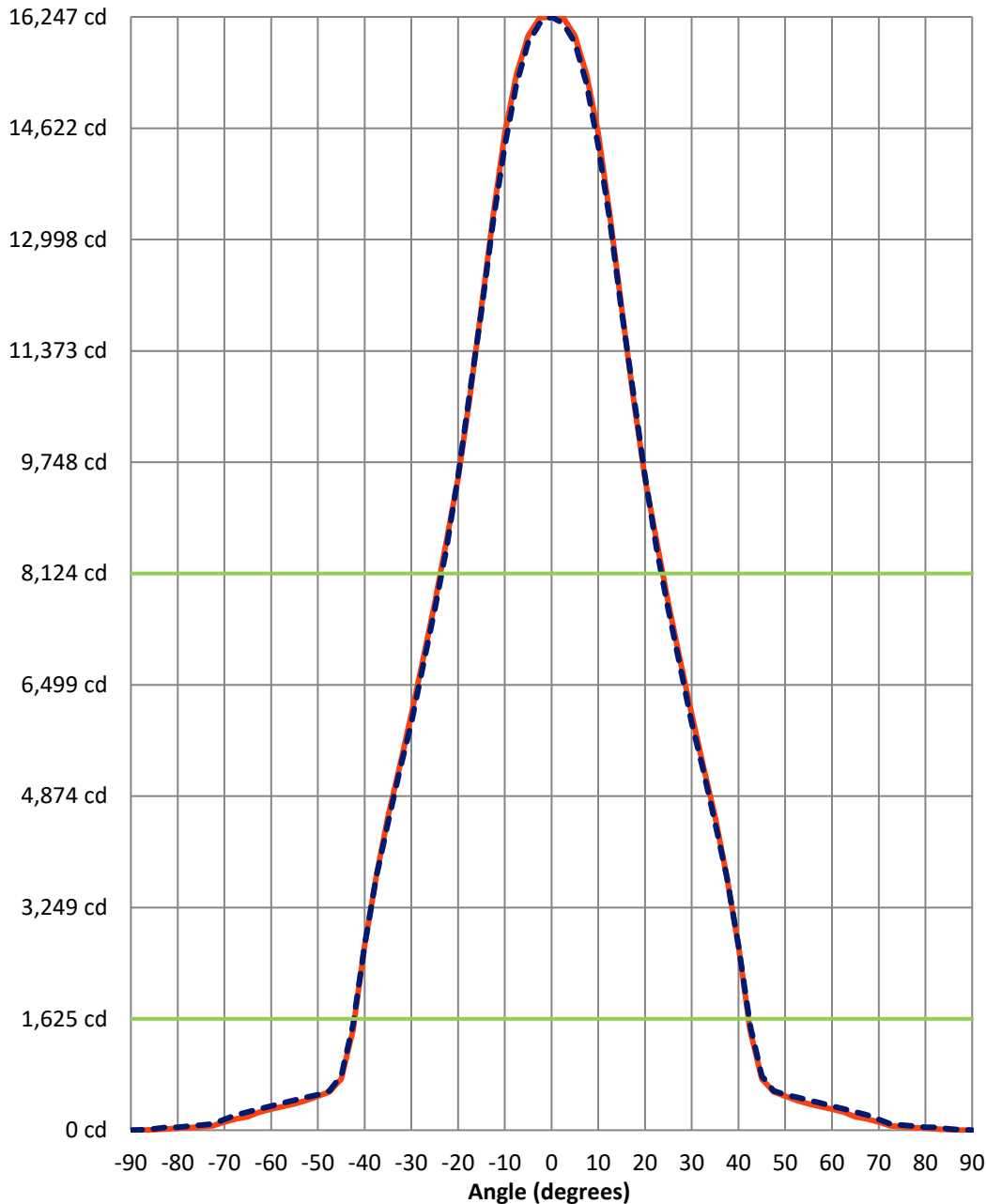
Luminous Intensity Polar Plot



— 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: 5968
Efficiency: 47.2%

Field:
H Angle: 84.6°
V Angle: 84.3°
Lumens: 11484
Efficiency: 90.8%

Spill:
Lumens: 1163.6
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	0.3	0.5	0.9	1.3	1.7	2.2	2.5	2.7	2.9	3.1
85°	0.0	0.5	1.1	1.7	2.5	3.4	4.4	4.9	5.4	5.8	6.2
82.5°	0.0	0.8	1.6	2.6	3.8	5.1	6.6	7.4	8.3	10.0	11.2
80°	0.0	1.1	2.1	3.5	5.0	6.8	9.1	12.1	14.4	16.2	17.5
77.5°	0.0	1.3	2.6	4.3	6.2	9.2	14.3	17.9	20.5	22.5	24.3
75°	0.0	1.6	3.2	5.1	7.8	13.2	19.4	23.7	26.8	30.2	32.8
72.5°	0.0	1.8	3.7	6.0	10.6	17.1	24.4	29.9	34.6	38.4	41.3
70°	0.0	2.1	4.2	7.0	13.4	20.8	29.3	37.1	42.4	46.7	53.4
67.5°	0.0	2.3	4.7	8.9	16.2	24.5	35.1	44.4	50.3	57.2	66.1
65°	0.0	2.6	5.2	10.7	18.8	28.4	40.7	51.6	58.5	67.3	77.9
62.5°	0.0	2.8	5.6	12.5	21.3	32.5	45.9	58.2	66.4	77.0	88.9
60°	0.0	3.0	6.1	14.2	23.7	36.5	51.0	64.2	73.8	86.9	99.8
57.5°	0.0	3.3	7.2	15.8	26.5	40.2	54.4	69.5	82.2	96.6	109.2
55°	0.0	3.5	8.2	17.4	29.2	43.7	57.3	73.4	90.7	105.7	117.9
52.5°	0.0	3.7	9.2	18.8	31.6	46.7	59.8	78.6	99.0	113.5	126.5
50°	0.0	3.9	10.2	20.2	33.9	48.2	61.8	83.5	106.7	121.0	135.9
47.5°	0.0	4.1	11.1	21.6	36.1	49.4	63.7	87.9	113.3	128.4	145.2
45°	0.0	4.3	12.0	23.0	38.0	50.3	66.8	91.6	116.6	136.4	154.1
42.5°	0.0	4.5	12.8	24.4	39.8	50.9	69.4	94.2	119.2	144.0	163.2
40°	0.0	4.7	13.6	25.8	40.7	51.1	71.6	95.9	121.5	150.8	172.0
37.5°	0.0	4.8	14.4	27.2	40.8	51.1	73.2	97.1	124.0	154.1	180.4
35°	0.0	5.0	15.1	28.6	40.8	51.8	74.4	97.8	126.1	159.0	188.5
32.5°	0.0	5.1	15.7	30.0	40.6	52.6	75.0	97.9	127.8	165.0	195.9
30°	0.0	5.3	16.3	31.3	40.1	53.1	74.9	97.9	129.1	172.0	203.1
27.5°	0.0	5.4	16.9	32.6	40.6	53.2	74.5	98.6	131.6	179.8	210.2
25°	0.0	5.5	17.4	33.8	41.1	53.1	73.7	98.8	136.9	186.4	217.2
22.5°	0.0	5.6	17.8	35.0	41.5	53.2	72.5	98.7	142.4	191.8	225.8
20°	0.0	5.7	18.2	36.1	41.8	54.6	71.0	98.2	148.0	196.8	233.6
17.5°	0.0	5.8	18.6	37.1	42.1	55.8	71.0	97.3	153.6	201.5	240.5
15°	0.0	5.9	18.9	38.0	42.3	56.8	72.1	97.0	158.9	205.8	246.6
12.5°	0.0	6.0	19.1	38.8	42.4	57.7	73.0	97.4	162.6	209.5	251.9
10°	0.0	6.0	19.3	39.6	42.5	58.5	73.6	97.2	164.1	212.7	256.4
7.5°	0.0	6.0	19.4	40.2	42.6	59.1	74.1	96.4	164.2	215.8	260.1
5°	0.0	6.1	19.5	40.8	42.7	59.5	74.4	95.1	163.1	218.5	263.0
2.5°	0.0	6.1	19.5	41.2	42.7	59.7	74.5	93.5	160.8	220.7	264.9
0°	0.0	6.1	19.5	41.5	42.7	59.8	74.4	91.5	157.3	222.0	265.9
-2.5°	0.0	6.1	19.5	41.2	42.7	59.7	74.5	93.5	160.8	220.7	264.9
-5°	0.0	6.1	19.5	40.8	42.7	59.5	74.4	95.1	163.1	218.5	263.0
-7.5°	0.0	6.0	19.4	40.2	42.6	59.1	74.1	96.4	164.2	215.8	260.1
-10°	0.0	6.0	19.3	39.6	42.5	58.5	73.6	97.2	164.1	212.7	256.4
-12.5°	0.0	6.0	19.1	38.8	42.4	57.7	73.0	97.4	162.6	209.5	251.9
-15°	0.0	5.9	18.9	38.0	42.3	56.8	72.1	97.0	158.9	205.8	246.6
-17.5°	0.0	5.8	18.6	37.1	42.1	55.8	71.0	97.3	153.6	201.5	240.5
-20°	0.0	5.7	18.2	36.1	41.8	54.6	71.0	98.2	148.0	196.8	233.6



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 CATALOG NUMBER: GFLD-SA4B-927-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	5.6	17.8	35.0	41.5	53.2	72.5	98.7	142.4	191.8	225.8
-25°	0.0	5.5	17.4	33.8	41.1	53.1	73.7	98.8	136.9	186.4	217.2
-27.5°	0.0	5.4	16.9	32.6	40.6	53.2	74.5	98.6	131.6	179.8	210.2
-30°	0.0	5.3	16.3	31.3	40.1	53.1	74.9	97.9	129.1	172.0	203.1
-32.5°	0.0	5.1	15.7	30.0	40.6	52.6	75.0	97.9	127.8	165.0	195.9
-35°	0.0	5.0	15.1	28.6	40.8	51.8	74.4	97.8	126.1	159.0	188.5
-37.5°	0.0	4.8	14.4	27.2	40.8	51.1	73.2	97.1	124.0	154.1	180.4
-40°	0.0	4.7	13.6	25.8	40.7	51.1	71.6	95.9	121.5	150.8	172.0
-42.5°	0.0	4.5	12.8	24.4	39.8	50.9	69.4	94.2	119.2	144.0	163.2
-45°	0.0	4.3	12.0	23.0	38.0	50.3	66.8	91.6	116.6	136.4	154.1
-47.5°	0.0	4.1	11.1	21.6	36.1	49.4	63.7	87.9	113.3	128.4	145.2
-50°	0.0	3.9	10.2	20.2	33.9	48.2	61.8	83.5	106.7	121.0	135.9
-52.5°	0.0	3.7	9.2	18.8	31.6	46.7	59.8	78.6	99.0	113.5	126.5
-55°	0.0	3.5	8.2	17.4	29.2	43.7	57.3	73.4	90.7	105.7	117.9
-57.5°	0.0	3.3	7.2	15.8	26.5	40.2	54.4	69.5	82.2	96.6	109.2
-60°	0.0	3.0	6.1	14.2	23.7	36.5	51.0	64.2	73.8	86.9	99.8
-62.5°	0.0	2.8	5.6	12.5	21.3	32.5	45.9	58.2	66.4	77.0	88.9
-65°	0.0	2.6	5.2	10.7	18.8	28.4	40.7	51.6	58.5	67.3	77.9
-67.5°	0.0	2.3	4.7	8.9	16.2	24.5	35.1	44.4	50.3	57.2	66.1
-70°	0.0	2.1	4.2	7.0	13.4	20.8	29.3	37.1	42.4	46.7	53.4
-72.5°	0.0	1.8	3.7	6.0	10.6	17.1	24.4	29.9	34.6	38.4	41.3
-75°	0.0	1.6	3.2	5.1	7.8	13.2	19.4	23.7	26.8	30.2	32.8
-77.5°	0.0	1.3	2.6	4.3	6.2	9.2	14.3	17.9	20.5	22.5	24.3
-80°	0.0	1.1	2.1	3.5	5.0	6.8	9.1	12.1	14.4	16.2	17.5
-82.5°	0.0	0.8	1.6	2.6	3.8	5.1	6.6	7.4	8.3	10.0	11.2
-85°	0.0	0.5	1.1	1.7	2.5	3.4	4.4	4.9	5.4	5.8	6.2
-87.5°	0.0	0.3	0.5	0.9	1.3	1.7	2.2	2.5	2.7	2.9	3.1
-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°	3.1	3.1	3.0	2.8	2.6	2.4	2.0	1.7	1.8	1.8	1.9
85°	6.2	6.1	6.6	7.1	7.2	7.2	6.9	6.5	7.5	8.6	9.7
82.5°	12.4	13.4	14.5	15.4	15.5	15.1	14.6	14.0	16.1	18.8	21.6
80°	19.1	20.7	23.1	25.5	26.2	26.0	25.2	23.8	26.8	31.1	36.0
77.5°	27.3	30.6	34.0	37.3	38.2	37.5	35.8	33.3	37.1	44.1	51.9
75°	36.3	40.5	45.8	49.9	50.8	49.3	46.9	44.7	49.3	58.0	66.3
72.5°	47.4	54.2	59.4	63.1	63.4	62.0	60.8	59.7	64.8	75.1	83.7
70°	61.5	68.4	72.5	74.7	75.2	76.0	79.5	82.7	87.8	96.7	103.7
67.5°	75.5	81.0	84.7	87.3	92.6	97.5	102.3	107.2	112.9	120.4	125.8
65°	88.0	93.7	98.5	104.8	112.4	118.5	124.9	131.8	139.7	146.7	151.8
62.5°	100.4	106.4	113.2	121.5	130.4	138.5	148.0	157.6	166.9	174.9	183.6
60°	110.5	118.5	127.6	137.7	148.4	160.8	172.1	183.2	193.4	203.4	215.7
57.5°	120.2	131.0	142.2	154.2	168.3	183.3	196.6	208.8	221.6	236.1	248.1
55°	130.3	144.0	156.8	171.4	188.1	206.2	220.8	234.5	250.3	267.6	281.2
52.5°	141.3	156.4	171.4	188.9	209.1	227.1	242.4	259.5	278.6	297.4	313.2
50°	151.9	168.6	186.0	208.3	228.3	245.5	264.4	285.0	305.0	324.4	343.0
47.5°	162.6	180.4	203.6	226.3	245.1	265.2	287.2	308.5	329.6	349.8	369.2
45°	173.1	194.2	220.0	241.6	262.4	285.5	308.3	330.7	352.7	374.2	395.4
42.5°	183.2	207.8	233.7	256.3	280.3	304.4	328.3	351.9	375.2	398.2	420.8
40°	194.3	220.1	247.4	272.1	297.1	322.3	347.4	372.3	397.0	421.3	445.3
37.5°	204.4	233.0	261.4	287.1	312.9	339.3	365.6	392.0	418.0	443.4	470.7
35°	213.6	245.9	274.6	301.6	328.6	355.4	383.2	411.0	438.3	465.9	500.7
32.5°	223.8	258.9	287.0	315.6	343.5	371.1	400.0	429.4	458.5	490.6	540.8
30°	235.3	269.8	298.9	328.9	357.5	386.5	416.4	447.1	477.6	527.7	643.4
27.5°	246.5	279.8	310.4	341.1	370.6	400.7	432.0	463.8	506.4	583.4	771.1
25°	256.9	289.5	321.2	352.3	382.7	413.9	446.3	479.3	537.2	692.6	1107.4
22.5°	265.7	298.7	331.7	362.5	393.7	426.0	459.6	503.4	592.9	802.9	1481.6
20°	273.2	307.6	341.3	373.3	404.0	436.7	471.7	526.4	677.4	1117.9	1930.0
17.5°	280.2	315.6	350.1	383.6	415.8	447.8	483.7	546.2	753.6	1391.7	2380.9
15°	286.5	322.8	358.3	393.2	426.6	459.9	502.8	602.5	907.6	1663.5	2782.6
12.5°	292.3	329.1	365.8	402.1	436.2	470.7	519.9	658.4	1096.2	1982.3	3056.7
10°	297.3	334.6	372.5	410.2	444.7	480.1	534.4	704.3	1251.2	2244.6	3277.0
7.5°	302.0	339.8	378.7	417.4	452.1	488.2	546.2	740.2	1371.0	2442.0	3452.8
5°	305.9	344.9	386.0	425.2	461.3	497.1	556.3	765.9	1455.1	2575.1	3580.8
2.5°	308.9	349.2	392.3	432.2	471.5	507.8	567.9	785.0	1509.4	2659.9	3662.6
0°	311.0	352.5	397.6	437.9	480.6	517.2	576.9	794.1	1529.6	2690.8	3693.4
-2.5°	308.9	349.2	392.3	432.2	471.5	507.8	567.9	785.0	1509.4	2659.9	3662.6
-5°	305.9	344.9	386.0	425.2	461.3	497.1	556.3	765.9	1455.1	2575.1	3580.8
-7.5°	302.0	339.8	378.7	417.4	452.1	488.2	546.2	740.2	1371.0	2442.0	3452.8
-10°	297.3	334.6	372.5	410.2	444.7	480.1	534.4	704.3	1251.2	2244.6	3277.0
-12.5°	292.3	329.1	365.8	402.1	436.2	470.7	519.9	658.4	1096.2	1982.3	3056.7
-15°	286.5	322.8	358.3	393.2	426.6	459.9	502.8	602.5	907.6	1663.5	2782.6
-17.5°	280.2	315.6	350.1	383.6	415.8	447.8	483.7	546.2	753.6	1391.7	2380.9
-20°	273.2	307.6	341.3	373.3	404.0	436.7	471.7	526.4	677.4	1117.9	1930.0



REPORT NUMBER: P558877 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-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°	265.7	298.7	331.7	362.5	393.7	426.0	459.6	503.4	592.9	802.9	1481.6
-25°	256.9	289.5	321.2	352.3	382.7	413.9	446.3	479.3	537.2	692.6	1107.4
-27.5°	246.5	279.8	310.4	341.1	370.6	400.7	432.0	463.8	506.4	583.4	771.1
-30°	235.3	269.8	298.9	328.9	357.5	386.5	416.4	447.1	477.6	527.7	643.4
-32.5°	223.8	258.9	287.0	315.6	343.5	371.1	400.0	429.4	458.5	490.6	540.8
-35°	213.6	245.9	274.6	301.6	328.6	355.4	383.2	411.0	438.3	465.9	500.7
-37.5°	204.4	233.0	261.4	287.1	312.9	339.3	365.6	392.0	418.0	443.4	470.7
-40°	194.3	220.1	247.4	272.1	297.1	322.3	347.4	372.3	397.0	421.3	445.3
-42.5°	183.2	207.8	233.7	256.3	280.3	304.4	328.3	351.9	375.2	398.2	420.8
-45°	173.1	194.2	220.0	241.6	262.4	285.5	308.3	330.7	352.7	374.2	395.4
-47.5°	162.6	180.4	203.6	226.3	245.1	265.2	287.2	308.5	329.6	349.8	369.2
-50°	151.9	168.6	186.0	208.3	228.3	245.5	264.4	285.0	305.0	324.4	343.0
-52.5°	141.3	156.4	171.4	188.9	209.1	227.1	242.4	259.5	278.6	297.4	313.2
-55°	130.3	144.0	156.8	171.4	188.1	206.2	220.8	234.5	250.3	267.6	281.2
-57.5°	120.2	131.0	142.2	154.2	168.3	183.3	196.6	208.8	221.6	236.1	248.1
-60°	110.5	118.5	127.6	137.7	148.4	160.8	172.1	183.2	193.4	203.4	215.7
-62.5°	100.4	106.4	113.2	121.5	130.4	138.5	148.0	157.6	166.9	174.9	183.6
-65°	88.0	93.7	98.5	104.8	112.4	118.5	124.9	131.8	139.7	146.7	151.8
-67.5°	75.5	81.0	84.7	87.3	92.6	97.5	102.3	107.2	112.9	120.4	125.8
-70°	61.5	68.4	72.5	74.7	75.2	76.0	79.5	82.7	87.8	96.7	103.7
-72.5°	47.4	54.2	59.4	63.1	63.4	62.0	60.8	59.7	64.8	75.1	83.7
-75°	36.3	40.5	45.8	49.9	50.8	49.3	46.9	44.7	49.3	58.0	66.3
-77.5°	27.3	30.6	34.0	37.3	38.2	37.5	35.8	33.3	37.1	44.1	51.9
-80°	19.1	20.7	23.1	25.5	26.2	26.0	25.2	23.8	26.8	31.1	36.0
-82.5°	12.4	13.4	14.5	15.4	15.5	15.1	14.6	14.0	16.1	18.8	21.6
-85°	6.2	6.1	6.6	7.1	7.2	7.2	6.9	6.5	7.5	8.6	9.7
-87.5°	3.1	3.1	3.0	2.8	2.6	2.4	2.0	1.7	1.8	1.8	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: P558877 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-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°	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.1	1.8
85°	11.0	10.7	10.1	9.3	8.5	8.9	9.4	9.9	10.4	9.7	8.9
82.5°	24.6	25.0	24.9	24.9	24.8	25.8	26.8	27.7	28.5	26.3	23.8
80°	41.5	43.5	44.6	45.6	46.6	46.6	45.9	44.8	43.3	39.6	35.5
77.5°	59.9	63.0	64.6	66.2	67.7	68.3	68.7	69.1	69.5	63.1	54.9
75°	74.3	78.9	81.6	84.1	86.4	87.7	88.5	88.9	89.1	81.3	71.3
72.5°	90.6	95.2	98.4	101.5	104.3	106.2	107.3	108.1	108.7	101.9	92.3
70°	108.7	112.2	116.1	119.9	123.4	125.8	127.4	128.7	129.6	129.0	128.5
67.5°	130.0	133.1	137.8	141.4	145.1	147.7	150.5	152.6	154.2	156.0	158.0
65°	156.7	164.2	171.0	174.5	175.0	178.7	184.9	188.9	190.9	192.5	194.5
62.5°	193.8	203.0	207.8	213.6	221.2	228.1	230.8	234.4	238.7	244.0	249.9
60°	225.6	233.2	241.0	249.1	256.0	261.7	268.0	274.3	280.0	285.2	290.3
57.5°	258.2	266.5	274.4	283.8	290.4	294.3	300.5	307.9	313.7	318.2	325.0
55°	291.9	302.6	313.4	321.9	328.2	332.3	336.9	344.1	348.4	350.0	357.9
52.5°	325.8	338.5	351.8	361.8	368.4	374.6	380.3	386.6	390.9	393.0	400.8
50°	357.3	372.3	387.2	400.2	409.0	419.2	430.8	436.5	440.2	444.3	452.9
47.5°	387.1	404.0	419.9	434.6	447.3	458.8	468.7	478.3	492.5	503.7	514.8
45°	415.9	433.9	451.1	467.6	481.8	504.3	525.7	543.9	592.6	633.5	664.7
42.5°	443.0	464.7	484.1	511.6	541.6	593.4	673.5	747.7	891.3	1076.2	1230.5
40°	471.2	499.4	534.1	587.7	688.9	793.0	1104.3	1381.7	1654.5	1964.8	2230.6
37.5°	504.1	546.5	648.5	769.4	1094.1	1453.3	1894.4	2327.5	2704.6	3027.2	3296.6
35°	547.7	678.7	869.2	1309.9	1789.7	2378.6	2887.0	3294.3	3666.8	3965.7	4190.7
32.5°	676.3	915.9	1419.1	2025.2	2685.1	3254.1	3749.3	4139.2	4479.0	4746.9	4955.5
30°	864.4	1415.4	2098.6	2824.6	3481.9	4025.1	4482.7	4854.4	5157.7	5430.4	5659.2
27.5°	1311.6	2020.5	2823.6	3564.1	4161.9	4670.5	5081.0	5449.2	5783.6	6070.7	6341.3
25°	1800.9	2678.5	3488.5	4162.5	4720.4	5197.6	5630.5	6033.3	6407.6	6743.6	7058.4
22.5°	2388.6	3263.8	4037.9	4661.7	5202.4	5692.6	6152.4	6600.6	7036.4	7446.4	7827.2
20°	2920.6	3779.6	4454.7	5077.6	5639.4	6150.1	6656.9	7179.3	7682.2	8176.1	8634.7
17.5°	3335.3	4134.4	4812.1	5443.5	6015.3	6593.7	7173.7	7773.7	8380.3	8953.9	9502.4
15°	3681.5	4430.3	5117.1	5748.4	6377.1	7015.3	7663.3	8370.1	9091.7	9778.2	10477.4
12.5°	3926.9	4677.2	5373.5	6007.0	6711.8	7404.6	8158.9	8964.5	9797.8	10597.4	11456.4
10°	4124.2	4874.2	5564.6	6247.7	6993.6	7761.8	8607.8	9495.1	10489.5	11436.3	12361.8
7.5°	4293.5	5038.6	5718.2	6444.0	7228.1	8072.5	8992.5	9995.7	11071.8	12125.4	13227.0
5°	4417.4	5150.6	5837.6	6605.0	7408.4	8299.5	9289.3	10361.2	11515.3	12669.8	13759.1
2.5°	4482.9	5214.5	5911.8	6704.8	7514.1	8437.0	9467.8	10604.0	11823.0	13082.7	14156.8
0°	4481.4	5241.3	5940.2	6772.1	7591.8	8478.6	9544.6	10759.5	11948.8	13257.6	14360.3
-2.5°	4482.9	5214.5	5911.8	6704.8	7514.1	8437.0	9467.8	10604.0	11823.0	13082.7	14156.8
-5°	4417.4	5150.6	5837.6	6605.0	7408.4	8299.5	9289.3	10361.2	11515.3	12669.8	13759.1
-7.5°	4293.5	5038.6	5718.2	6444.0	7228.1	8072.5	8992.5	9995.7	11071.8	12125.4	13227.0
-10°	4124.2	4874.2	5564.6	6247.7	6993.6	7761.8	8607.8	9495.1	10489.5	11436.3	12361.8
-12.5°	3926.9	4677.2	5373.5	6007.0	6711.8	7404.6	8158.9	8964.5	9797.8	10597.4	11456.4
-15°	3681.5	4430.3	5117.1	5748.4	6377.1	7015.3	7663.3	8370.1	9091.7	9778.2	10477.4
-17.5°	3335.3	4134.4	4812.1	5443.5	6015.3	6593.7	7173.7	7773.7	8380.3	8953.9	9502.4
-20°	2920.6	3779.6	4454.7	5077.6	5639.4	6150.1	6656.9	7179.3	7682.2	8176.1	8634.7



REPORT NUMBER: P558877 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2388.6	3263.8	4037.9	4661.7	5202.4	5692.6	6152.4	6600.6	7036.4	7446.4	7827.2
-25°	1800.9	2678.5	3488.5	4162.5	4720.4	5197.6	5630.5	6033.3	6407.6	6743.6	7058.4
-27.5°	1311.6	2020.5	2823.6	3564.1	4161.9	4670.5	5081.0	5449.2	5783.6	6070.7	6341.3
-30°	864.4	1415.4	2098.6	2824.6	3481.9	4025.1	4482.7	4854.4	5157.7	5430.4	5659.2
-32.5°	676.3	915.9	1419.1	2025.2	2685.1	3254.1	3749.3	4139.2	4479.0	4746.9	4955.5
-35°	547.7	678.7	869.2	1309.9	1789.7	2378.6	2887.0	3294.3	3666.8	3965.7	4190.7
-37.5°	504.1	546.5	648.5	769.4	1094.1	1453.3	1894.4	2327.5	2704.6	3027.2	3296.6
-40°	471.2	499.4	534.1	587.7	688.9	793.0	1104.3	1381.7	1654.5	1964.8	2230.6
-42.5°	443.0	464.7	484.1	511.6	541.6	593.4	673.5	747.7	891.3	1076.2	1230.5
-45°	415.9	433.9	451.1	467.6	481.8	504.3	525.7	543.9	592.6	633.5	664.7
-47.5°	387.1	404.0	419.9	434.6	447.3	458.8	468.7	478.3	492.5	503.7	514.8
-50°	357.3	372.3	387.2	400.2	409.0	419.2	430.8	436.5	440.2	444.3	452.9
-52.5°	325.8	338.5	351.8	361.8	368.4	374.6	380.3	386.6	390.9	393.0	400.8
-55°	291.9	302.6	313.4	321.9	328.2	332.3	336.9	344.1	348.4	350.0	357.9
-57.5°	258.2	266.5	274.4	283.8	290.4	294.3	300.5	307.9	313.7	318.2	325.0
-60°	225.6	233.2	241.0	249.1	256.0	261.7	268.0	274.3	280.0	285.2	290.3
-62.5°	193.8	203.0	207.8	213.6	221.2	228.1	230.8	234.4	238.7	244.0	249.9
-65°	156.7	164.2	171.0	174.5	175.0	178.7	184.9	188.9	190.9	192.5	194.5
-67.5°	130.0	133.1	137.8	141.4	145.1	147.7	150.5	152.6	154.2	156.0	158.0
-70°	108.7	112.2	116.1	119.9	123.4	125.8	127.4	128.7	129.6	129.0	128.5
-72.5°	90.6	95.2	98.4	101.5	104.3	106.2	107.3	108.1	108.7	101.9	92.3
-75°	74.3	78.9	81.6	84.1	86.4	87.7	88.5	88.9	89.1	81.3	71.3
-77.5°	59.9	63.0	64.6	66.2	67.7	68.3	68.7	69.1	69.5	63.1	54.9
-80°	41.5	43.5	44.6	45.6	46.6	46.6	45.9	44.8	43.3	39.6	35.5
-82.5°	24.6	25.0	24.9	24.9	24.8	25.8	26.8	27.7	28.5	26.3	23.8
-85°	11.0	10.7	10.1	9.3	8.5	8.9	9.4	9.9	10.4	9.7	8.9
-87.5°	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.1	1.8
-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: P558877 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-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°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.1	2.3	2.3
85°	8.1	7.3	7.3	7.3	7.3	7.3	8.1	8.9	9.7	10.4	9.9
82.5°	21.1	18.2	18.3	18.3	18.3	18.2	21.1	23.8	26.3	28.5	27.7
80°	31.2	26.8	27.4	28.1	27.4	26.8	31.2	35.5	39.6	43.3	44.8
77.5°	46.1	36.9	36.6	36.6	36.6	36.9	46.1	54.9	63.1	69.5	69.1
75°	61.0	50.4	49.9	50.0	49.9	50.4	61.0	71.3	81.3	89.1	88.9
72.5°	82.5	72.4	67.8	63.4	67.8	72.4	82.5	92.3	101.9	108.7	108.1
70°	128.6	128.8	124.3	118.3	124.3	128.8	128.6	128.5	129.0	129.6	128.7
67.5°	159.8	161.1	163.0	164.7	163.0	161.1	159.8	158.0	156.0	154.2	152.6
65°	195.4	195.4	196.1	196.4	196.1	195.4	195.4	194.5	192.5	190.9	188.9
62.5°	255.0	259.1	262.0	263.5	262.0	259.1	255.0	249.9	244.0	238.7	234.4
60°	294.5	297.9	302.7	307.4	302.7	297.9	294.5	290.3	285.2	280.0	274.3
57.5°	331.4	337.1	341.8	345.2	341.8	337.1	331.4	325.0	318.2	313.7	307.9
55°	365.5	372.1	378.5	384.2	378.5	372.1	365.5	357.9	350.0	348.4	344.1
52.5°	408.2	413.7	422.7	434.2	422.7	413.7	408.2	400.8	393.0	390.9	386.6
50°	462.9	471.1	482.6	496.4	482.6	471.1	462.9	452.9	444.3	440.2	436.5
47.5°	526.1	534.4	545.4	559.9	545.4	534.4	526.1	514.8	503.7	492.5	478.3
45°	693.2	712.7	730.5	750.2	730.5	712.7	693.2	664.7	633.5	592.6	543.9
42.5°	1354.2	1439.8	1476.7	1455.2	1476.7	1439.8	1354.2	1230.5	1076.2	891.3	747.7
40°	2433.3	2575.5	2659.3	2688.4	2659.3	2575.5	2433.3	2230.6	1964.8	1654.5	1381.7
37.5°	3493.3	3624.2	3694.8	3703.2	3694.8	3624.2	3493.3	3296.6	3027.2	2704.6	2327.5
35°	4353.2	4461.0	4524.9	4572.9	4524.9	4461.0	4353.2	4190.7	3965.7	3666.8	3294.3
32.5°	5125.4	5248.3	5319.3	5303.5	5319.3	5248.3	5125.4	4955.5	4746.9	4479.0	4139.2
30°	5846.8	5981.2	6064.6	6067.1	6064.6	5981.2	5846.8	5659.2	5430.4	5157.7	4854.4
27.5°	6560.0	6710.9	6797.9	6866.0	6797.9	6710.9	6560.0	6341.3	6070.7	5783.6	5449.2
25°	7320.9	7508.9	7620.6	7688.2	7620.6	7508.9	7320.9	7058.4	6743.6	6407.6	6033.3
22.5°	8141.2	8374.1	8527.2	8590.8	8527.2	8374.1	8141.2	7827.2	7446.4	7036.4	6600.6
20°	9033.5	9322.2	9517.6	9511.7	9517.6	9322.2	9033.5	8634.7	8176.1	7682.2	7179.3
17.5°	10029.2	10401.6	10653.6	10690.0	10653.6	10401.6	10029.2	9502.4	8953.9	8380.3	7773.7
15°	11096.7	11576.7	11902.7	12003.7	11902.7	11576.7	11096.7	10477.4	9778.2	9091.7	8370.1
12.5°	12190.6	12761.6	13196.1	13340.5	13196.1	12761.6	12190.6	11456.4	10597.4	9797.8	8964.5
10°	13232.8	13865.3	14336.9	14545.7	14336.9	13865.3	13232.8	12361.8	11436.3	10489.5	9495.1
7.5°	14104.1	14746.7	15232.5	15404.4	15232.5	14746.7	14104.1	13227.0	12125.4	11071.8	9995.7
5°	14678.1	15380.2	15757.9	15970.4	15757.9	15380.2	14678.1	13759.1	12669.8	11515.3	10361.2
2.5°	15061.6	15657.0	16039.5	16235.0	16039.5	15657.0	15061.6	14156.8	13082.7	11823.0	10604.0
0°	15265.3	15871.6	16152.1	16247.2	16152.1	15871.6	15265.3	14360.3	13257.6	11948.8	10759.5
-2.5°	15061.6	15657.0	16039.5	16235.0	16039.5	15657.0	15061.6	14156.8	13082.7	11823.0	10604.0
-5°	14678.1	15380.2	15757.9	15970.4	15757.9	15380.2	14678.1	13759.1	12669.8	11515.3	10361.2
-7.5°	14104.1	14746.7	15232.5	15404.4	15232.5	14746.7	14104.1	13227.0	12125.4	11071.8	9995.7
-10°	13232.8	13865.3	14336.9	14545.7	14336.9	13865.3	13232.8	12361.8	11436.3	10489.5	9495.1
-12.5°	12190.6	12761.6	13196.1	13340.5	13196.1	12761.6	12190.6	11456.4	10597.4	9797.8	8964.5
-15°	11096.7	11576.7	11902.7	12003.7	11902.7	11576.7	11096.7	10477.4	9778.2	9091.7	8370.1
-17.5°	10029.2	10401.6	10653.6	10690.0	10653.6	10401.6	10029.2	9502.4	8953.9	8380.3	7773.7
-20°	9033.5	9322.2	9517.6	9511.7	9517.6	9322.2	9033.5	8634.7	8176.1	7682.2	7179.3



REPORT NUMBER: P558877 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-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°	8141.2	8374.1	8527.2	8590.8	8527.2	8374.1	8141.2	7827.2	7446.4	7036.4	6600.6
-25°	7320.9	7508.9	7620.6	7688.2	7620.6	7508.9	7320.9	7058.4	6743.6	6407.6	6033.3
-27.5°	6560.0	6710.9	6797.9	6866.0	6797.9	6710.9	6560.0	6341.3	6070.7	5783.6	5449.2
-30°	5846.8	5981.2	6064.6	6067.1	6064.6	5981.2	5846.8	5659.2	5430.4	5157.7	4854.4
-32.5°	5125.4	5248.3	5319.3	5303.5	5319.3	5248.3	5125.4	4955.5	4746.9	4479.0	4139.2
-35°	4353.2	4461.0	4524.9	4572.9	4524.9	4461.0	4353.2	4190.7	3965.7	3666.8	3294.3
-37.5°	3493.3	3624.2	3694.8	3703.2	3694.8	3624.2	3493.3	3296.6	3027.2	2704.6	2327.5
-40°	2433.3	2575.5	2659.3	2688.4	2659.3	2575.5	2433.3	2230.6	1964.8	1654.5	1381.7
-42.5°	1354.2	1439.8	1476.7	1455.2	1476.7	1439.8	1354.2	1230.5	1076.2	891.3	747.7
-45°	693.2	712.7	730.5	750.2	730.5	712.7	693.2	664.7	633.5	592.6	543.9
-47.5°	526.1	534.4	545.4	559.9	545.4	534.4	526.1	514.8	503.7	492.5	478.3
-50°	462.9	471.1	482.6	496.4	482.6	471.1	462.9	452.9	444.3	440.2	436.5
-52.5°	408.2	413.7	422.7	434.2	422.7	413.7	408.2	400.8	393.0	390.9	386.6
-55°	365.5	372.1	378.5	384.2	378.5	372.1	365.5	357.9	350.0	348.4	344.1
-57.5°	331.4	337.1	341.8	345.2	341.8	337.1	331.4	325.0	318.2	313.7	307.9
-60°	294.5	297.9	302.7	307.4	302.7	297.9	294.5	290.3	285.2	280.0	274.3
-62.5°	255.0	259.1	262.0	263.5	262.0	259.1	255.0	249.9	244.0	238.7	234.4
-65°	195.4	195.4	196.1	196.4	196.1	195.4	195.4	194.5	192.5	190.9	188.9
-67.5°	159.8	161.1	163.0	164.7	163.0	161.1	159.8	158.0	156.0	154.2	152.6
-70°	128.6	128.8	124.3	118.3	124.3	128.8	128.6	128.5	129.0	129.6	128.7
-72.5°	82.5	72.4	67.8	63.4	67.8	72.4	82.5	92.3	101.9	108.7	108.1
-75°	61.0	50.4	49.9	50.0	49.9	50.4	61.0	71.3	81.3	89.1	88.9
-77.5°	46.1	36.9	36.6	36.6	36.6	36.9	46.1	54.9	63.1	69.5	69.1
-80°	31.2	26.8	27.4	28.1	27.4	26.8	31.2	35.5	39.6	43.3	44.8
-82.5°	21.1	18.2	18.3	18.3	18.3	18.2	21.1	23.8	26.3	28.5	27.7
-85°	8.1	7.3	7.3	7.3	7.3	7.3	8.1	8.9	9.7	10.4	9.9
-87.5°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.1	2.3	2.3
-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: P558877 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-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°	2.3	2.2	2.2	2.1	2.1	2.0	2.0	1.9	1.8	1.8	1.7
85°	9.4	8.9	8.5	9.3	10.1	10.7	11.0	9.7	8.6	7.5	6.5
82.5°	26.8	25.8	24.8	24.9	24.9	25.0	24.6	21.6	18.8	16.1	14.0
80°	45.9	46.6	46.6	45.6	44.6	43.5	41.5	36.0	31.1	26.8	23.8
77.5°	68.7	68.3	67.7	66.2	64.6	63.0	59.9	51.9	44.1	37.1	33.3
75°	88.5	87.7	86.4	84.1	81.6	78.9	74.3	66.3	58.0	49.3	44.7
72.5°	107.3	106.2	104.3	101.5	98.4	95.2	90.6	83.7	75.1	64.8	59.7
70°	127.4	125.8	123.4	119.9	116.1	112.2	108.7	103.7	96.7	87.8	82.7
67.5°	150.5	147.7	145.1	141.4	137.8	133.1	130.0	125.8	120.4	112.9	107.2
65°	184.9	178.7	175.0	174.5	171.0	164.2	156.7	151.8	146.7	139.7	131.8
62.5°	230.8	228.1	221.2	213.6	207.8	203.0	193.8	183.6	174.9	166.9	157.6
60°	268.0	261.7	256.0	249.1	241.0	233.2	225.6	215.7	203.4	193.4	183.2
57.5°	300.5	294.3	290.4	283.8	274.4	266.5	258.2	248.1	236.1	221.6	208.8
55°	336.9	332.3	328.2	321.9	313.4	302.6	291.9	281.2	267.6	250.3	234.5
52.5°	380.3	374.6	368.4	361.8	351.8	338.5	325.8	313.2	297.4	278.6	259.5
50°	430.8	419.2	409.0	400.2	387.2	372.3	357.3	343.0	324.4	305.0	285.0
47.5°	468.7	458.8	447.3	434.6	419.9	404.0	387.1	369.2	349.8	329.6	308.5
45°	525.7	504.3	481.8	467.6	451.1	433.9	415.9	395.4	374.2	352.7	330.7
42.5°	673.5	593.4	541.6	511.6	484.1	464.7	443.0	420.8	398.2	375.2	351.9
40°	1104.3	793.0	688.9	587.7	534.1	499.4	471.2	445.3	421.3	397.0	372.3
37.5°	1894.4	1453.3	1094.1	769.4	648.5	546.5	504.1	470.7	443.4	418.0	392.0
35°	2887.0	2378.6	1789.7	1309.9	869.2	678.7	547.7	500.7	465.9	438.3	411.0
32.5°	3749.3	3254.1	2685.1	2025.2	1419.1	915.9	676.3	540.8	490.6	458.5	429.4
30°	4482.7	4025.1	3481.9	2824.6	2098.6	1415.4	864.4	643.4	527.7	477.6	447.1
27.5°	5081.0	4670.5	4161.9	3564.1	2823.6	2020.5	1311.6	771.1	583.4	506.4	463.8
25°	5630.5	5197.6	4720.4	4162.5	3488.5	2678.5	1800.9	1107.4	692.6	537.2	479.3
22.5°	6152.4	5692.6	5202.4	4661.7	4037.9	3263.8	2388.6	1481.6	802.9	592.9	503.4
20°	6656.9	6150.1	5639.4	5077.6	4454.7	3779.6	2920.6	1930.0	1117.9	677.4	526.4
17.5°	7173.7	6593.7	6015.3	5443.5	4812.1	4134.4	3335.3	2380.9	1391.7	753.6	546.2
15°	7663.3	7015.3	6377.1	5748.4	5117.1	4430.3	3681.5	2782.6	1663.5	907.6	602.5
12.5°	8158.9	7404.6	6711.8	6007.0	5373.5	4677.2	3926.9	3056.7	1982.3	1096.2	658.4
10°	8607.8	7761.8	6993.6	6247.7	5564.6	4874.2	4124.2	3277.0	2244.6	1251.2	704.3
7.5°	8992.5	8072.5	7228.1	6444.0	5718.2	5038.6	4293.5	3452.8	2442.0	1371.0	740.2
5°	9289.3	8299.5	7408.4	6605.0	5837.6	5150.6	4417.4	3580.8	2575.1	1455.1	765.9
2.5°	9467.8	8437.0	7514.1	6704.8	5911.8	5214.5	4482.9	3662.6	2659.9	1509.4	785.0
0°	9544.6	8478.6	7591.8	6772.1	5940.2	5241.3	4481.4	3693.4	2690.8	1529.6	794.1
-2.5°	9467.8	8437.0	7514.1	6704.8	5911.8	5214.5	4482.9	3662.6	2659.9	1509.4	785.0
-5°	9289.3	8299.5	7408.4	6605.0	5837.6	5150.6	4417.4	3580.8	2575.1	1455.1	765.9
-7.5°	8992.5	8072.5	7228.1	6444.0	5718.2	5038.6	4293.5	3452.8	2442.0	1371.0	740.2
-10°	8607.8	7761.8	6993.6	6247.7	5564.6	4874.2	4124.2	3277.0	2244.6	1251.2	704.3
-12.5°	8158.9	7404.6	6711.8	6007.0	5373.5	4677.2	3926.9	3056.7	1982.3	1096.2	658.4
-15°	7663.3	7015.3	6377.1	5748.4	5117.1	4430.3	3681.5	2782.6	1663.5	907.6	602.5
-17.5°	7173.7	6593.7	6015.3	5443.5	4812.1	4134.4	3335.3	2380.9	1391.7	753.6	546.2
-20°	6656.9	6150.1	5639.4	5077.6	4454.7	3779.6	2920.6	1930.0	1117.9	677.4	526.4



REPORT NUMBER: P558877 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-927-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6152.4	5692.6	5202.4	4661.7	4037.9	3263.8	2388.6	1481.6	802.9	592.9	503.4
-25°	5630.5	5197.6	4720.4	4162.5	3488.5	2678.5	1800.9	1107.4	692.6	537.2	479.3
-27.5°	5081.0	4670.5	4161.9	3564.1	2823.6	2020.5	1311.6	771.1	583.4	506.4	463.8
-30°	4482.7	4025.1	3481.9	2824.6	2098.6	1415.4	864.4	643.4	527.7	477.6	447.1
-32.5°	3749.3	3254.1	2685.1	2025.2	1419.1	915.9	676.3	540.8	490.6	458.5	429.4
-35°	2887.0	2378.6	1789.7	1309.9	869.2	678.7	547.7	500.7	465.9	438.3	411.0
-37.5°	1894.4	1453.3	1094.1	769.4	648.5	546.5	504.1	470.7	443.4	418.0	392.0
-40°	1104.3	793.0	688.9	587.7	534.1	499.4	471.2	445.3	421.3	397.0	372.3
-42.5°	673.5	593.4	541.6	511.6	484.1	464.7	443.0	420.8	398.2	375.2	351.9
-45°	525.7	504.3	481.8	467.6	451.1	433.9	415.9	395.4	374.2	352.7	330.7
-47.5°	468.7	458.8	447.3	434.6	419.9	404.0	387.1	369.2	349.8	329.6	308.5
-50°	430.8	419.2	409.0	400.2	387.2	372.3	357.3	343.0	324.4	305.0	285.0
-52.5°	380.3	374.6	368.4	361.8	351.8	338.5	325.8	313.2	297.4	278.6	259.5
-55°	336.9	332.3	328.2	321.9	313.4	302.6	291.9	281.2	267.6	250.3	234.5
-57.5°	300.5	294.3	290.4	283.8	274.4	266.5	258.2	248.1	236.1	221.6	208.8
-60°	268.0	261.7	256.0	249.1	241.0	233.2	225.6	215.7	203.4	193.4	183.2
-62.5°	230.8	228.1	221.2	213.6	207.8	203.0	193.8	183.6	174.9	166.9	157.6
-65°	184.9	178.7	175.0	174.5	171.0	164.2	156.7	151.8	146.7	139.7	131.8
-67.5°	150.5	147.7	145.1	141.4	137.8	133.1	130.0	125.8	120.4	112.9	107.2
-70°	127.4	125.8	123.4	119.9	116.1	112.2	108.7	103.7	96.7	87.8	82.7
-72.5°	107.3	106.2	104.3	101.5	98.4	95.2	90.6	83.7	75.1	64.8	59.7
-75°	88.5	87.7	86.4	84.1	81.6	78.9	74.3	66.3	58.0	49.3	44.7
-77.5°	68.7	68.3	67.7	66.2	64.6	63.0	59.9	51.9	44.1	37.1	33.3
-80°	45.9	46.6	46.6	45.6	44.6	43.5	41.5	36.0	31.1	26.8	23.8
-82.5°	26.8	25.8	24.8	24.9	24.9	25.0	24.6	21.6	18.8	16.1	14.0
-85°	9.4	8.9	8.5	9.3	10.1	10.7	11.0	9.7	8.6	7.5	6.5
-87.5°	2.3	2.2	2.2	2.1	2.1	2.0	2.0	1.9	1.8	1.8	1.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA4B-927-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°	2.0	2.4	2.6	2.8	3.0	3.1	3.1	3.1	2.9	2.7	2.5
85°	6.9	7.2	7.2	7.1	6.6	6.1	6.2	6.2	5.8	5.4	4.9
82.5°	14.6	15.1	15.5	15.4	14.5	13.4	12.4	11.2	10.0	8.3	7.4
80°	25.2	26.0	26.2	25.5	23.1	20.7	19.1	17.5	16.2	14.4	12.1
77.5°	35.8	37.5	38.2	37.3	34.0	30.6	27.3	24.3	22.5	20.5	17.9
75°	46.9	49.3	50.8	49.9	45.8	40.5	36.3	32.8	30.2	26.8	23.7
72.5°	60.8	62.0	63.4	63.1	59.4	54.2	47.4	41.3	38.4	34.6	29.9
70°	79.5	76.0	75.2	74.7	72.5	68.4	61.5	53.4	46.7	42.4	37.1
67.5°	102.3	97.5	92.6	87.3	84.7	81.0	75.5	66.1	57.2	50.3	44.4
65°	124.9	118.5	112.4	104.8	98.5	93.7	88.0	77.9	67.3	58.5	51.6
62.5°	148.0	138.5	130.4	121.5	113.2	106.4	100.4	88.9	77.0	66.4	58.2
60°	172.1	160.8	148.4	137.7	127.6	118.5	110.5	99.8	86.9	73.8	64.2
57.5°	196.6	183.3	168.3	154.2	142.2	131.0	120.2	109.2	96.6	82.2	69.5
55°	220.8	206.2	188.1	171.4	156.8	144.0	130.3	117.9	105.7	90.7	73.4
52.5°	242.4	227.1	209.1	188.9	171.4	156.4	141.3	126.5	113.5	99.0	78.6
50°	264.4	245.5	228.3	208.3	186.0	168.6	151.9	135.9	121.0	106.7	83.5
47.5°	287.2	265.2	245.1	226.3	203.6	180.4	162.6	145.2	128.4	113.3	87.9
45°	308.3	285.5	262.4	241.6	220.0	194.2	173.1	154.1	136.4	116.6	91.6
42.5°	328.3	304.4	280.3	256.3	233.7	207.8	183.2	163.2	144.0	119.2	94.2
40°	347.4	322.3	297.1	272.1	247.4	220.1	194.3	172.0	150.8	121.5	95.9
37.5°	365.6	339.3	312.9	287.1	261.4	233.0	204.4	180.4	154.1	124.0	97.1
35°	383.2	355.4	328.6	301.6	274.6	245.9	213.6	188.5	159.0	126.1	97.8
32.5°	400.0	371.1	343.5	315.6	287.0	258.9	223.8	195.9	165.0	127.8	97.9
30°	416.4	386.5	357.5	328.9	298.9	269.8	235.3	203.1	172.0	129.1	97.9
27.5°	432.0	400.7	370.6	341.1	310.4	279.8	246.5	210.2	179.8	131.6	98.6
25°	446.3	413.9	382.7	352.3	321.2	289.5	256.9	217.2	186.4	136.9	98.8
22.5°	459.6	426.0	393.7	362.5	331.7	298.7	265.7	225.8	191.8	142.4	98.7
20°	471.7	436.7	404.0	373.3	341.3	307.6	273.2	233.6	196.8	148.0	98.2
17.5°	483.7	447.8	415.8	383.6	350.1	315.6	280.2	240.5	201.5	153.6	97.3
15°	502.8	459.9	426.6	393.2	358.3	322.8	286.5	246.6	205.8	158.9	97.0
12.5°	519.9	470.7	436.2	402.1	365.8	329.1	292.3	251.9	209.5	162.6	97.4
10°	534.4	480.1	444.7	410.2	372.5	334.6	297.3	256.4	212.7	164.1	97.2
7.5°	546.2	488.2	452.1	417.4	378.7	339.8	302.0	260.1	215.8	164.2	96.4
5°	556.3	497.1	461.3	425.2	386.0	344.9	305.9	263.0	218.5	163.1	95.1
2.5°	567.9	507.8	471.5	432.2	392.3	349.2	308.9	264.9	220.7	160.8	93.5
0°	576.9	517.2	480.6	437.9	397.6	352.5	311.0	265.9	222.0	157.3	91.5
-2.5°	567.9	507.8	471.5	432.2	392.3	349.2	308.9	264.9	220.7	160.8	93.5
-5°	556.3	497.1	461.3	425.2	386.0	344.9	305.9	263.0	218.5	163.1	95.1
-7.5°	546.2	488.2	452.1	417.4	378.7	339.8	302.0	260.1	215.8	164.2	96.4
-10°	534.4	480.1	444.7	410.2	372.5	334.6	297.3	256.4	212.7	164.1	97.2
-12.5°	519.9	470.7	436.2	402.1	365.8	329.1	292.3	251.9	209.5	162.6	97.4
-15°	502.8	459.9	426.6	393.2	358.3	322.8	286.5	246.6	205.8	158.9	97.0
-17.5°	483.7	447.8	415.8	383.6	350.1	315.6	280.2	240.5	201.5	153.6	97.3
-20°	471.7	436.7	404.0	373.3	341.3	307.6	273.2	233.6	196.8	148.0	98.2



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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°	459.6	426.0	393.7	362.5	331.7	298.7	265.7	225.8	191.8	142.4	98.7
-25°	446.3	413.9	382.7	352.3	321.2	289.5	256.9	217.2	186.4	136.9	98.8
-27.5°	432.0	400.7	370.6	341.1	310.4	279.8	246.5	210.2	179.8	131.6	98.6
-30°	416.4	386.5	357.5	328.9	298.9	269.8	235.3	203.1	172.0	129.1	97.9
-32.5°	400.0	371.1	343.5	315.6	287.0	258.9	223.8	195.9	165.0	127.8	97.9
-35°	383.2	355.4	328.6	301.6	274.6	245.9	213.6	188.5	159.0	126.1	97.8
-37.5°	365.6	339.3	312.9	287.1	261.4	233.0	204.4	180.4	154.1	124.0	97.1
-40°	347.4	322.3	297.1	272.1	247.4	220.1	194.3	172.0	150.8	121.5	95.9
-42.5°	328.3	304.4	280.3	256.3	233.7	207.8	183.2	163.2	144.0	119.2	94.2
-45°	308.3	285.5	262.4	241.6	220.0	194.2	173.1	154.1	136.4	116.6	91.6
-47.5°	287.2	265.2	245.1	226.3	203.6	180.4	162.6	145.2	128.4	113.3	87.9
-50°	264.4	245.5	228.3	208.3	186.0	168.6	151.9	135.9	121.0	106.7	83.5
-52.5°	242.4	227.1	209.1	188.9	171.4	156.4	141.3	126.5	113.5	99.0	78.6
-55°	220.8	206.2	188.1	171.4	156.8	144.0	130.3	117.9	105.7	90.7	73.4
-57.5°	196.6	183.3	168.3	154.2	142.2	131.0	120.2	109.2	96.6	82.2	69.5
-60°	172.1	160.8	148.4	137.7	127.6	118.5	110.5	99.8	86.9	73.8	64.2
-62.5°	148.0	138.5	130.4	121.5	113.2	106.4	100.4	88.9	77.0	66.4	58.2
-65°	124.9	118.5	112.4	104.8	98.5	93.7	88.0	77.9	67.3	58.5	51.6
-67.5°	102.3	97.5	92.6	87.3	84.7	81.0	75.5	66.1	57.2	50.3	44.4
-70°	79.5	76.0	75.2	74.7	72.5	68.4	61.5	53.4	46.7	42.4	37.1
-72.5°	60.8	62.0	63.4	63.1	59.4	54.2	47.4	41.3	38.4	34.6	29.9
-75°	46.9	49.3	50.8	49.9	45.8	40.5	36.3	32.8	30.2	26.8	23.7
-77.5°	35.8	37.5	38.2	37.3	34.0	30.6	27.3	24.3	22.5	20.5	17.9
-80°	25.2	26.0	26.2	25.5	23.1	20.7	19.1	17.5	16.2	14.4	12.1
-82.5°	14.6	15.1	15.5	15.4	14.5	13.4	12.4	11.2	10.0	8.3	7.4
-85°	6.9	7.2	7.2	7.1	6.6	6.1	6.2	6.2	5.8	5.4	4.9
-87.5°	2.0	2.4	2.6	2.8	3.0	3.1	3.1	3.1	2.9	2.7	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):

	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°	2.2	1.7	1.3	0.9	0.5	0.3	0.0
85°	4.4	3.4	2.5	1.7	1.1	0.5	0.0
82.5°	6.6	5.1	3.8	2.6	1.6	0.8	0.0
80°	9.1	6.8	5.0	3.5	2.1	1.1	0.0
77.5°	14.3	9.2	6.2	4.3	2.6	1.3	0.0
75°	19.4	13.2	7.8	5.1	3.2	1.6	0.0
72.5°	24.4	17.1	10.6	6.0	3.7	1.8	0.0
70°	29.3	20.8	13.4	7.0	4.2	2.1	0.0
67.5°	35.1	24.5	16.2	8.9	4.7	2.3	0.0
65°	40.7	28.4	18.8	10.7	5.2	2.6	0.0
62.5°	45.9	32.5	21.3	12.5	5.6	2.8	0.0
60°	51.0	36.5	23.7	14.2	6.1	3.0	0.0
57.5°	54.4	40.2	26.5	15.8	7.2	3.3	0.0
55°	57.3	43.7	29.2	17.4	8.2	3.5	0.0
52.5°	59.8	46.7	31.6	18.8	9.2	3.7	0.0
50°	61.8	48.2	33.9	20.2	10.2	3.9	0.0
47.5°	63.7	49.4	36.1	21.6	11.1	4.1	0.0
45°	66.8	50.3	38.0	23.0	12.0	4.3	0.0
42.5°	69.4	50.9	39.8	24.4	12.8	4.5	0.0
40°	71.6	51.1	40.7	25.8	13.6	4.7	0.0
37.5°	73.2	51.1	40.8	27.2	14.4	4.8	0.0
35°	74.4	51.8	40.8	28.6	15.1	5.0	0.0
32.5°	75.0	52.6	40.6	30.0	15.7	5.1	0.0
30°	74.9	53.1	40.1	31.3	16.3	5.3	0.0
27.5°	74.5	53.2	40.6	32.6	16.9	5.4	0.0
25°	73.7	53.1	41.1	33.8	17.4	5.5	0.0
22.5°	72.5	53.2	41.5	35.0	17.8	5.6	0.0
20°	71.0	54.6	41.8	36.1	18.2	5.7	0.0
17.5°	71.0	55.8	42.1	37.1	18.6	5.8	0.0
15°	72.1	56.8	42.3	38.0	18.9	5.9	0.0
12.5°	73.0	57.7	42.4	38.8	19.1	6.0	0.0
10°	73.6	58.5	42.5	39.6	19.3	6.0	0.0
7.5°	74.1	59.1	42.6	40.2	19.4	6.0	0.0
5°	74.4	59.5	42.7	40.8	19.5	6.1	0.0
2.5°	74.5	59.7	42.7	41.2	19.5	6.1	0.0
0°	74.4	59.8	42.7	41.5	19.5	6.1	0.0
-2.5°	74.5	59.7	42.7	41.2	19.5	6.1	0.0
-5°	74.4	59.5	42.7	40.8	19.5	6.1	0.0
-7.5°	74.1	59.1	42.6	40.2	19.4	6.0	0.0
-10°	73.6	58.5	42.5	39.6	19.3	6.0	0.0
-12.5°	73.0	57.7	42.4	38.8	19.1	6.0	0.0
-15°	72.1	56.8	42.3	38.0	18.9	5.9	0.0
-17.5°	71.0	55.8	42.1	37.1	18.6	5.8	0.0
-20°	71.0	54.6	41.8	36.1	18.2	5.7	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	72.5	53.2	41.5	35.0	17.8	5.6	0.0
-25°	73.7	53.1	41.1	33.8	17.4	5.5	0.0
-27.5°	74.5	53.2	40.6	32.6	16.9	5.4	0.0
-30°	74.9	53.1	40.1	31.3	16.3	5.3	0.0
-32.5°	75.0	52.6	40.6	30.0	15.7	5.1	0.0
-35°	74.4	51.8	40.8	28.6	15.1	5.0	0.0
-37.5°	73.2	51.1	40.8	27.2	14.4	4.8	0.0
-40°	71.6	51.1	40.7	25.8	13.6	4.7	0.0
-42.5°	69.4	50.9	39.8	24.4	12.8	4.5	0.0
-45°	66.8	50.3	38.0	23.0	12.0	4.3	0.0
-47.5°	63.7	49.4	36.1	21.6	11.1	4.1	0.0
-50°	61.8	48.2	33.9	20.2	10.2	3.9	0.0
-52.5°	59.8	46.7	31.6	18.8	9.2	3.7	0.0
-55°	57.3	43.7	29.2	17.4	8.2	3.5	0.0
-57.5°	54.4	40.2	26.5	15.8	7.2	3.3	0.0
-60°	51.0	36.5	23.7	14.2	6.1	3.0	0.0
-62.5°	45.9	32.5	21.3	12.5	5.6	2.8	0.0
-65°	40.7	28.4	18.8	10.7	5.2	2.6	0.0
-67.5°	35.1	24.5	16.2	8.9	4.7	2.3	0.0
-70°	29.3	20.8	13.4	7.0	4.2	2.1	0.0
-72.5°	24.4	17.1	10.6	6.0	3.7	1.8	0.0
-75°	19.4	13.2	7.8	5.1	3.2	1.6	0.0
-77.5°	14.3	9.2	6.2	4.3	2.6	1.3	0.0
-80°	9.1	6.8	5.0	3.5	2.1	1.1	0.0
-82.5°	6.6	5.1	3.8	2.6	1.6	0.8	0.0
-85°	4.4	3.4	2.5	1.7	1.1	0.5	0.0
-87.5°	2.2	1.7	1.3	0.9	0.5	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)