

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: P561405 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-AMB-U-MWR-BK**

Issue Date: 7/30/2021

Test Information

Test Method: LM-79-08
Report Number: P561405 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2107-305-5)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/30/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA6B-AMB-U-MWR-BK
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (96) 1549K CCT, -21.5 CRI LEDS
Ballast/Driver: -

Summary

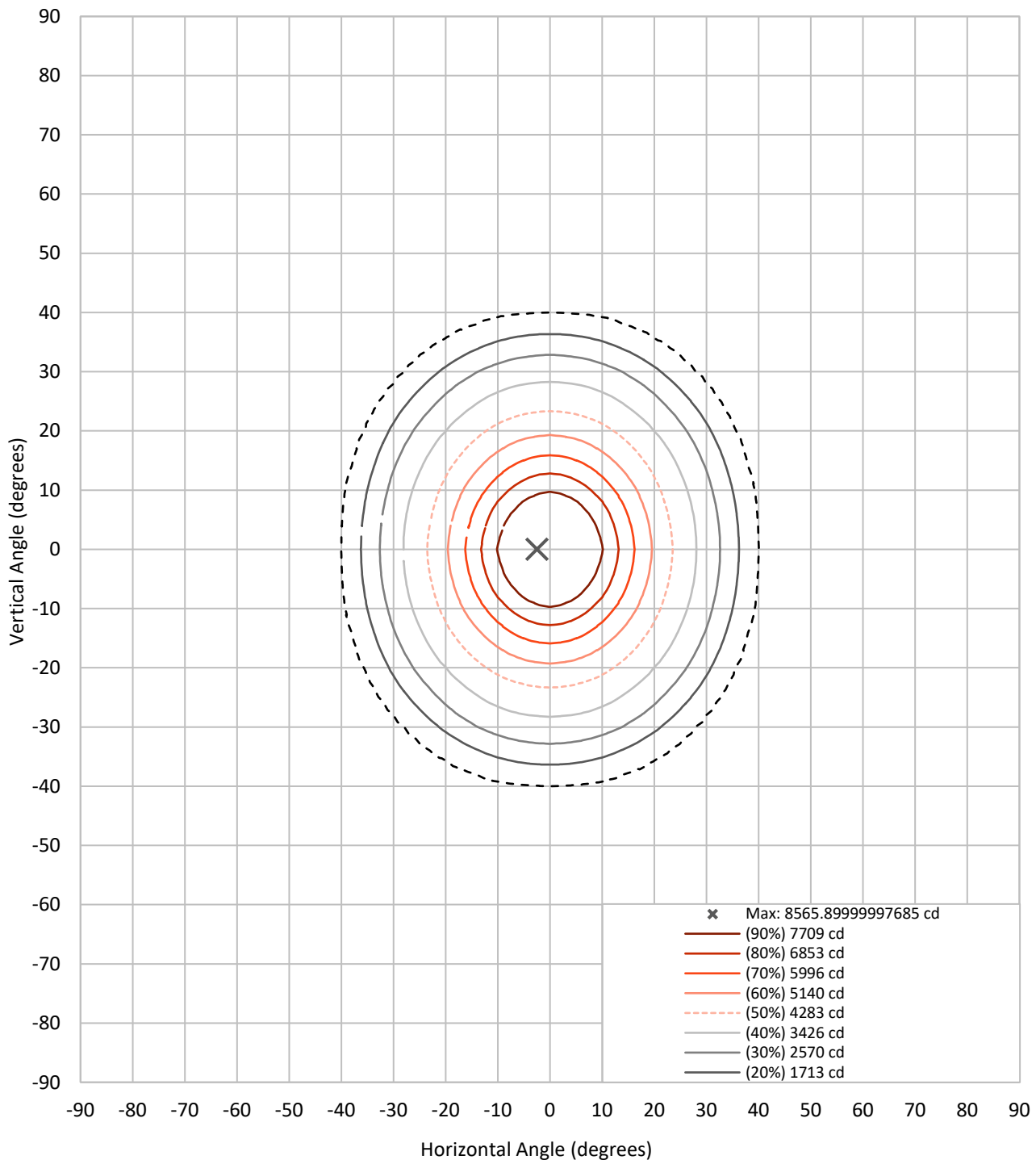
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	6527.6 lumens	Max Intensity:	8565.9 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	54.9 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	47.1°H x 46.4°V	Field Angle (10%):	80.1°H x 79.9°V
Beam Lumens:	3139.5 lumens	Field Lumens:	5590.9 lumens
Beam Efficiency:	48.1%	Field Efficiency:	85.6%

Input Watts (W): 118.8
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



REPORT NUMBER: P561405 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6B-AMB-U-MWR-BK

Iso-Candela Plot





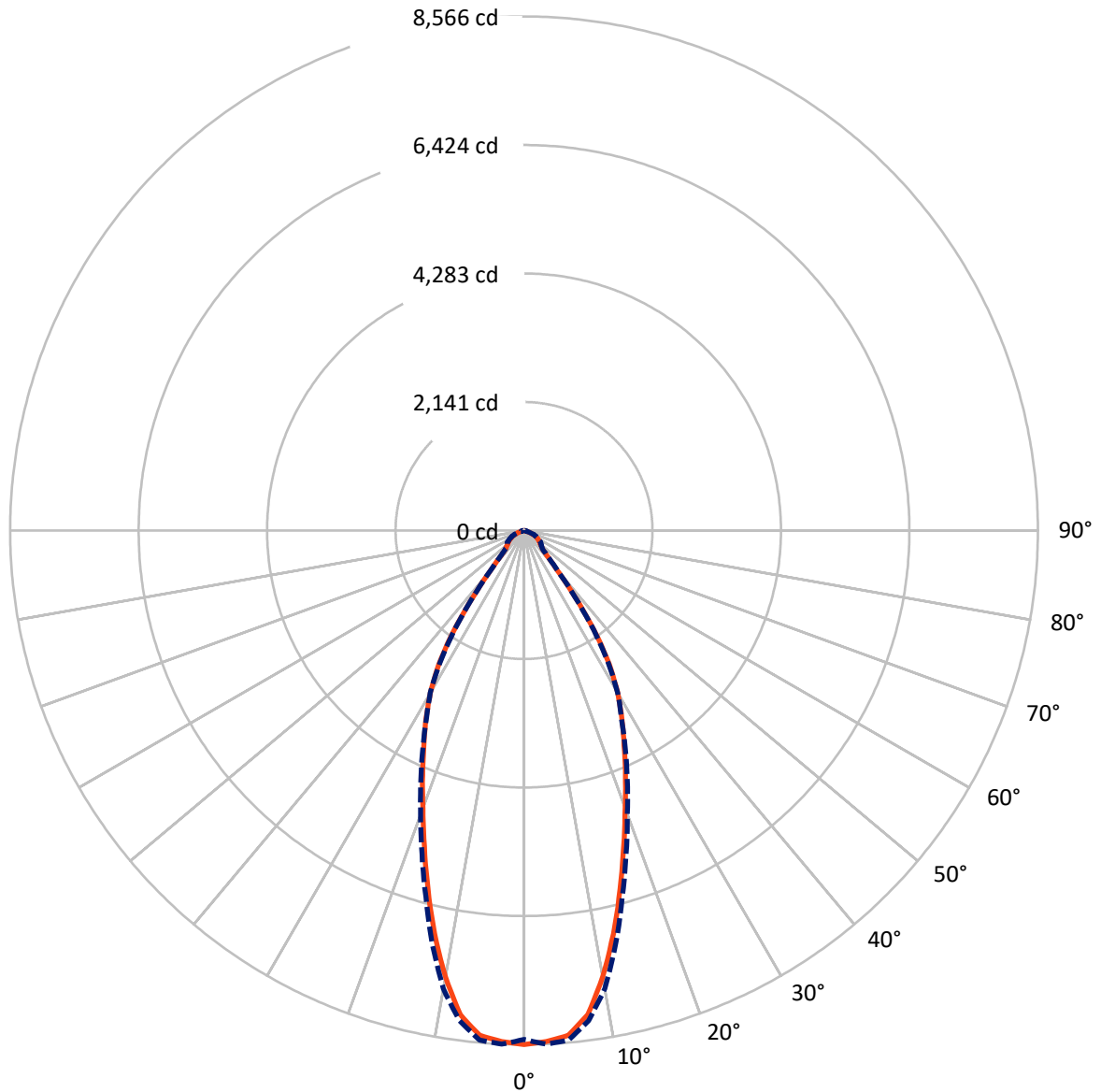
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Lumen Table

90																			
80	0.2	1.3		3.1		5.4		3.7		5.4		3.1		1.3		0.2			
70																			
60	0.7	0.9	1.6	2.5	3.5	4.4	5.1	5.5	5.5	5.1	4.4	3.5	2.5	1.6	0.9	0.7			
50		1.3	2.5	4.1	5.7	7.1	8.2	9.1	9.1	8.2	7.1	5.7	4.1	2.5	1.3				
40	1.0	1.7	3.4	5.7	8.0	9.9	12.2	14.6	14.6	12.2	9.9	8.0	5.7	3.4	1.7	1.0			
30		2.0	4.2	6.8	9.8	19.6	41.6	58.8	58.8	41.6	19.6	9.8	6.8	4.2	2.0				
20	1.0	2.3	4.8	7.6	17.9	55.7	95.5	117.9	117.9	95.5	55.7	17.9	7.6	4.8	2.3	1.0			
10		2.5	5.3	9.0	35.4	89.4	138.9	181.0	181.0	138.9	89.4	35.4	9.0	5.3	2.5				
0	1.0	2.7	5.6	10.6	48.1	107.4	177.1	242.4	242.4	177.1	107.4	48.1	10.6	5.6	2.7	1.0			
-10		2.7	5.6	10.6	48.1	107.4	177.1	242.4	242.4	177.1	107.4	48.1	10.6	5.6	2.7				
-20	1.0	2.5	5.3	9.0	35.4	89.4	138.9	181.0	181.0	138.9	89.4	35.4	9.0	5.3	2.5	1.0			
-30		2.3	4.8	7.6	17.9	55.7	95.5	117.9	117.9	95.5	55.7	17.9	7.6	4.8	2.3				
-40	1.0	2.0	4.2	6.8	9.8	19.6	41.6	58.8	58.8	41.6	19.6	9.8	6.8	4.2	2.0	1.0			
-50		1.7	3.4	5.7	8.0	9.9	12.2	14.6	14.6	12.2	9.9	8.0	5.7	3.4	1.7				
-60	0.7	1.3	2.5	4.1	5.7	7.1	8.2	9.1	9.1	8.2	7.1	5.7	4.1	2.5	1.3	0.7			
-70		0.9	1.6	2.5	3.5	4.4	5.1	5.5	5.5	5.1	4.4	3.5	2.5	1.6	0.9				
-80																			
-90	0.2	1.3		3.1		5.4		3.7		5.4		3.1		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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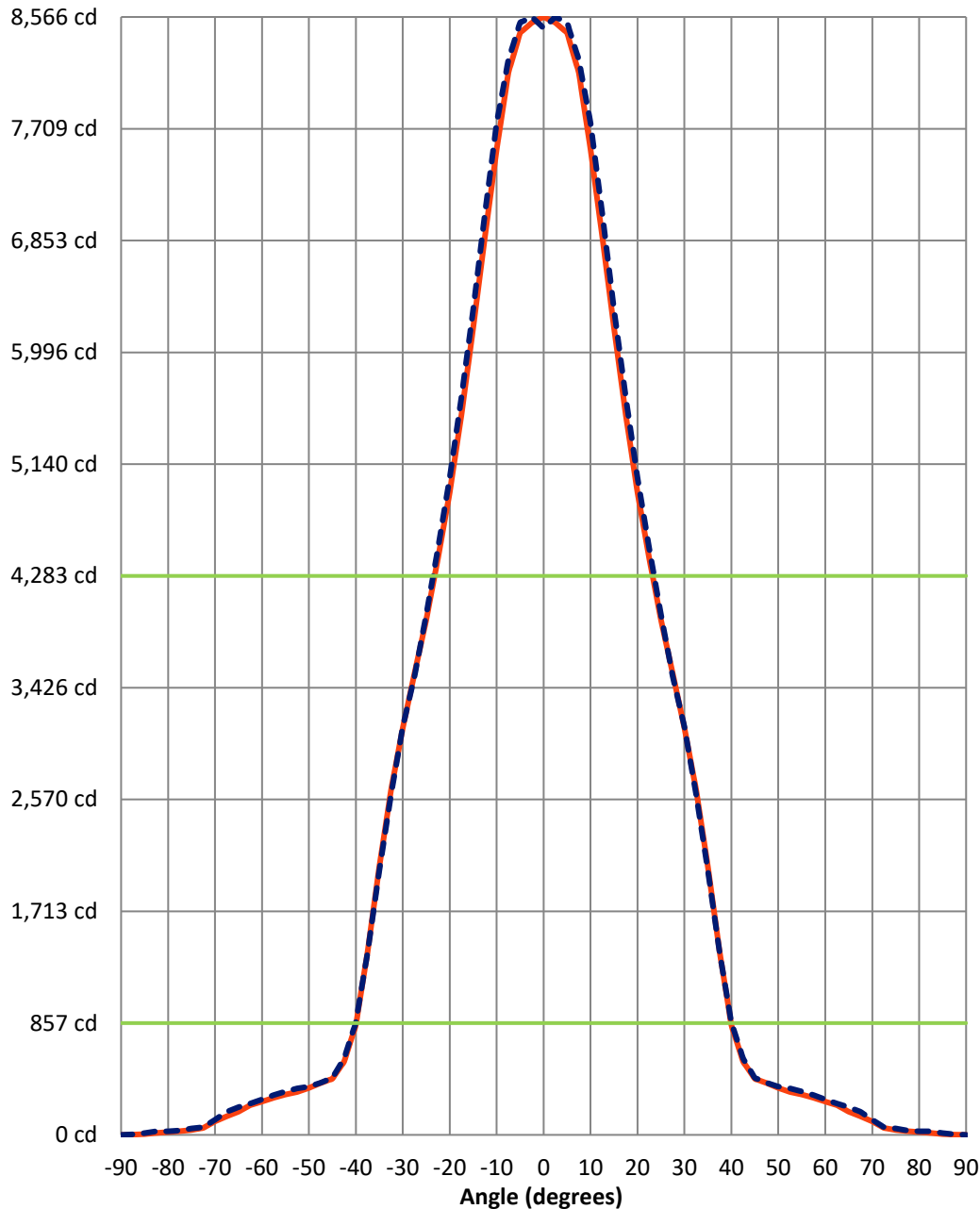
Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 47.1°
 V Angle: 46.4°
 Lumens: 3139.5
 Efficiency: 48.1%

Field:
 H Angle: 80.1°
 V Angle: 79.9°
 Lumens: 5590.9
 Efficiency: 85.6%

Spill:
 Lumens: 936.8
 Efficiency: 14.4%

— Vertical Distribution through -2.5-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	0.5	0.8	1.2	1.6	2.0	2.2	2.4	2.4	2.5
85°	0.0	0.4	1.0	1.7	2.4	3.2	4.1	4.5	4.7	4.9	5.0
82.5°	0.0	0.6	1.5	2.5	3.6	4.8	6.1	6.7	7.3	8.3	9.1
80°	0.0	0.8	2.0	3.3	4.7	6.3	8.3	10.4	12.0	13.2	14.1
77.5°	0.0	1.1	2.5	4.1	5.9	8.3	12.2	14.8	16.7	18.2	19.8
75°	0.0	1.3	3.0	4.9	7.2	11.1	16.0	19.3	21.7	24.9	27.4
72.5°	0.0	1.5	3.5	5.7	9.1	13.8	19.7	24.3	28.8	32.4	35.2
70°	0.0	1.7	3.9	6.5	10.9	16.5	23.5	30.9	36.0	40.0	46.3
67.5°	0.0	1.8	4.4	7.7	12.6	18.9	28.6	37.6	43.2	50.2	58.0
65°	0.0	2.0	4.8	8.7	14.3	21.9	33.4	44.2	51.6	60.1	68.9
62.5°	0.0	2.2	5.2	9.7	15.9	25.2	37.9	51.1	59.8	69.4	78.5
60°	0.0	2.4	5.6	10.7	17.3	28.2	42.1	57.8	67.8	77.3	87.6
57.5°	0.0	2.5	6.2	11.6	19.3	31.0	45.6	63.8	74.5	84.9	95.4
55°	0.0	2.7	6.7	12.4	21.0	33.6	48.7	67.9	80.7	91.9	102.5
52.5°	0.0	2.9	7.3	13.2	22.6	35.7	51.2	70.7	86.6	98.1	109.4
50°	0.0	3.0	7.8	13.9	24.1	37.1	53.2	72.8	92.1	104.1	115.8
47.5°	0.0	3.1	8.3	14.6	25.3	38.2	54.6	74.3	97.2	110.0	122.1
45°	0.0	3.3	8.8	15.3	26.3	38.9	55.3	75.2	98.9	115.5	128.3
42.5°	0.0	3.4	9.3	16.0	27.1	39.2	55.5	75.8	99.9	121.0	135.1
40°	0.0	3.5	9.8	16.7	27.5	39.1	55.3	76.2	100.5	125.7	141.7
37.5°	0.0	3.6	10.2	17.6	27.3	38.7	54.7	76.3	101.0	126.7	147.9
35°	0.0	3.7	10.6	18.5	26.9	38.0	53.6	75.9	101.2	129.3	154.5
32.5°	0.0	3.7	11.0	19.4	26.3	37.0	52.4	75.1	101.1	133.0	160.8
30°	0.0	3.8	11.4	20.2	25.5	35.7	51.5	74.1	100.8	137.7	166.9
27.5°	0.0	3.9	11.8	21.0	25.8	34.2	50.2	73.4	101.6	143.2	172.7
25°	0.0	3.9	12.1	21.8	26.2	32.4	48.7	72.3	105.0	148.3	178.2
22.5°	0.0	4.0	12.4	22.6	26.6	31.1	46.9	71.0	108.7	152.5	183.2
20°	0.0	4.0	12.7	23.4	26.8	31.6	44.8	69.3	112.6	156.4	187.9
17.5°	0.0	4.0	12.9	24.1	27.1	32.0	44.7	67.4	116.5	159.8	192.2
15°	0.0	4.0	13.2	24.7	27.2	32.4	45.9	66.3	120.3	162.8	196.2
12.5°	0.0	4.0	13.4	25.3	27.3	32.7	46.9	66.3	122.9	165.3	199.7
10°	0.0	4.0	13.5	25.9	27.4	32.9	47.7	65.6	123.8	168.0	203.1
7.5°	0.0	4.0	13.6	26.4	27.5	33.1	48.4	64.5	123.4	170.9	206.4
5°	0.0	4.0	13.7	26.8	27.5	33.3	48.8	63.0	122.0	173.6	209.1
2.5°	0.0	3.9	13.8	27.2	27.5	33.4	49.1	61.1	119.5	175.7	211.1
0°	0.0	3.9	13.8	27.5	27.5	33.4	49.2	59.0	116.0	177.0	212.4
-2.5°	0.0	3.9	13.8	27.2	27.5	33.4	49.1	61.1	119.5	175.7	211.1
-5°	0.0	4.0	13.7	26.8	27.5	33.3	48.8	63.0	122.0	173.6	209.1
-7.5°	0.0	4.0	13.6	26.4	27.5	33.1	48.4	64.5	123.4	170.9	206.4
-10°	0.0	4.0	13.5	25.9	27.4	32.9	47.7	65.6	123.8	168.0	203.1
-12.5°	0.0	4.0	13.4	25.3	27.3	32.7	46.9	66.3	122.9	165.3	199.7
-15°	0.0	4.0	13.2	24.7	27.2	32.4	45.9	66.3	120.3	162.8	196.2
-17.5°	0.0	4.0	12.9	24.1	27.1	32.0	44.7	67.4	116.5	159.8	192.2
-20°	0.0	4.0	12.7	23.4	26.8	31.6	44.8	69.3	112.6	156.4	187.9



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 CATALOG NUMBER: GFLD-SA6B-AMB-U-MWR-BK

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.0	12.4	22.6	26.6	31.1	46.9	71.0	108.7	152.5	183.2
-25°	0.0	3.9	12.1	21.8	26.2	32.4	48.7	72.3	105.0	148.3	178.2
-27.5°	0.0	3.9	11.8	21.0	25.8	34.2	50.2	73.4	101.6	143.2	172.7
-30°	0.0	3.8	11.4	20.2	25.5	35.7	51.5	74.1	100.8	137.7	166.9
-32.5°	0.0	3.7	11.0	19.4	26.3	37.0	52.4	75.1	101.1	133.0	160.8
-35°	0.0	3.7	10.6	18.5	26.9	38.0	53.6	75.9	101.2	129.3	154.5
-37.5°	0.0	3.6	10.2	17.6	27.3	38.7	54.7	76.3	101.0	126.7	147.9
-40°	0.0	3.5	9.8	16.7	27.5	39.1	55.3	76.2	100.5	125.7	141.7
-42.5°	0.0	3.4	9.3	16.0	27.1	39.2	55.5	75.8	99.9	121.0	135.1
-45°	0.0	3.3	8.8	15.3	26.3	38.9	55.3	75.2	98.9	115.5	128.3
-47.5°	0.0	3.1	8.3	14.6	25.3	38.2	54.6	74.3	97.2	110.0	122.1
-50°	0.0	3.0	7.8	13.9	24.1	37.1	53.2	72.8	92.1	104.1	115.8
-52.5°	0.0	2.9	7.3	13.2	22.6	35.7	51.2	70.7	86.6	98.1	109.4
-55°	0.0	2.7	6.7	12.4	21.0	33.6	48.7	67.9	80.7	91.9	102.5
-57.5°	0.0	2.5	6.2	11.6	19.3	31.0	45.6	63.8	74.5	84.9	95.4
-60°	0.0	2.4	5.6	10.7	17.3	28.2	42.1	57.8	67.8	77.3	87.6
-62.5°	0.0	2.2	5.2	9.7	15.9	25.2	37.9	51.1	59.8	69.4	78.5
-65°	0.0	2.0	4.8	8.7	14.3	21.9	33.4	44.2	51.6	60.1	68.9
-67.5°	0.0	1.8	4.4	7.7	12.6	18.9	28.6	37.6	43.2	50.2	58.0
-70°	0.0	1.7	3.9	6.5	10.9	16.5	23.5	30.9	36.0	40.0	46.3
-72.5°	0.0	1.5	3.5	5.7	9.1	13.8	19.7	24.3	28.8	32.4	35.2
-75°	0.0	1.3	3.0	4.9	7.2	11.1	16.0	19.3	21.7	24.9	27.4
-77.5°	0.0	1.1	2.5	4.1	5.9	8.3	12.2	14.8	16.7	18.2	19.8
-80°	0.0	0.8	2.0	3.3	4.7	6.3	8.3	10.4	12.0	13.2	14.1
-82.5°	0.0	0.6	1.5	2.5	3.6	4.8	6.1	6.7	7.3	8.3	9.1
-85°	0.0	0.4	1.0	1.7	2.4	3.2	4.1	4.5	4.7	4.9	5.0
-87.5°	0.0	0.2	0.5	0.8	1.2	1.6	2.0	2.2	2.4	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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 CATALOG NUMBER: GFLD-SA6B-AMB-U-MWR-BK

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	2.2	2.1	1.9	1.7	1.4	1.5	1.5	1.6
85°	5.0	4.9	5.4	5.9	6.1	6.1	5.8	5.3	6.1	7.2	8.3
82.5°	10.1	11.3	12.5	13.8	13.7	13.1	12.2	11.0	12.9	15.7	18.9
80°	15.7	17.6	20.4	23.3	23.4	22.2	20.0	17.1	20.3	25.8	31.9
77.5°	23.0	26.7	30.5	34.4	34.2	31.5	28.2	24.4	28.6	36.7	45.6
75°	31.1	35.8	40.7	44.3	43.6	40.5	37.1	35.1	40.8	50.8	60.1
72.5°	41.0	47.3	51.6	54.1	54.8	53.9	53.1	52.2	57.0	67.0	75.4
70°	53.4	59.3	63.4	66.7	68.6	69.0	70.2	72.1	76.7	85.4	92.3
67.5°	65.9	71.3	75.9	79.5	82.4	84.7	87.9	93.5	100.2	107.3	111.6
65°	77.4	83.4	87.8	91.7	95.9	101.3	108.1	116.2	122.4	127.0	131.8
62.5°	88.6	94.0	98.8	104.0	110.6	118.4	126.5	133.6	139.7	146.7	154.8
60°	97.2	103.8	109.6	116.6	125.1	134.9	143.4	151.9	159.7	167.5	177.2
57.5°	105.1	113.1	120.1	129.2	140.2	151.8	162.5	171.9	180.7	189.9	199.4
55°	112.7	121.6	130.7	142.4	155.6	170.2	181.8	191.7	202.0	213.4	223.3
52.5°	119.8	130.0	142.3	156.2	172.3	187.1	199.5	210.8	222.9	235.9	246.6
50°	126.7	139.7	153.9	171.4	187.6	202.1	216.0	228.5	242.4	256.2	269.9
47.5°	134.8	149.1	167.6	185.6	200.9	215.9	230.4	246.0	261.4	276.7	292.0
45°	142.9	160.2	180.6	197.4	213.3	228.6	245.7	263.5	280.1	296.1	310.4
42.5°	150.6	171.5	191.3	208.7	224.6	242.0	260.9	279.8	297.2	312.0	325.8
40°	160.1	182.2	201.2	218.7	235.6	255.3	274.7	294.2	310.9	325.1	338.6
37.5°	169.4	191.1	210.8	228.6	247.3	267.4	287.5	306.5	322.3	336.3	347.4
35°	178.0	199.7	219.9	238.8	258.6	278.2	299.0	317.6	331.9	344.6	357.9
32.5°	185.7	207.9	228.7	248.6	269.3	289.2	310.3	325.8	339.9	353.5	371.0
30°	192.6	215.6	237.2	257.4	279.9	300.6	318.5	333.1	347.4	365.1	391.9
27.5°	199.1	223.1	244.8	266.5	290.3	311.0	326.6	340.0	356.7	379.0	416.2
25°	205.4	229.9	251.5	275.8	299.1	318.8	334.3	347.5	366.4	400.2	475.6
22.5°	211.3	236.1	258.3	284.8	306.9	325.9	340.7	356.6	380.7	422.0	543.6
20°	216.4	241.6	265.8	293.1	313.9	332.8	346.1	365.6	398.1	480.0	645.3
17.5°	220.9	246.9	273.0	299.4	320.5	338.7	351.2	374.1	413.3	531.6	754.2
15°	224.9	251.9	279.4	305.1	326.5	343.9	359.6	386.1	442.6	589.3	854.3
12.5°	228.2	256.5	285.0	310.3	331.8	349.1	367.1	397.7	479.7	667.1	1015.0
10°	231.0	260.7	289.6	314.9	336.4	354.2	373.4	407.4	511.5	733.6	1147.6
7.5°	234.1	264.5	293.7	318.9	340.4	359.1	378.4	415.3	537.1	786.0	1250.8
5°	236.7	267.6	298.2	324.0	345.5	363.5	383.2	421.3	556.2	823.8	1323.7
2.5°	238.6	269.9	301.9	328.6	351.1	367.0	391.6	429.9	574.0	849.5	1372.4
0°	240.0	271.4	304.9	332.4	356.0	369.8	399.3	436.7	586.1	861.5	1396.5
-2.5°	238.6	269.9	301.9	328.6	351.1	367.0	391.6	429.9	574.0	849.5	1372.4
-5°	236.7	267.6	298.2	324.0	345.5	363.5	383.2	421.3	556.2	823.8	1323.7
-7.5°	234.1	264.5	293.7	318.9	340.4	359.1	378.4	415.3	537.1	786.0	1250.8
-10°	231.0	260.7	289.6	314.9	336.4	354.2	373.4	407.4	511.5	733.6	1147.6
-12.5°	228.2	256.5	285.0	310.3	331.8	349.1	367.1	397.7	479.7	667.1	1015.0
-15°	224.9	251.9	279.4	305.1	326.5	343.9	359.6	386.1	442.6	589.3	854.3
-17.5°	220.9	246.9	273.0	299.4	320.5	338.7	351.2	374.1	413.3	531.6	754.2
-20°	216.4	241.6	265.8	293.1	313.9	332.8	346.1	365.6	398.1	480.0	645.3



REPORT NUMBER: P561405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-MWR-BK

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	211.3	236.1	258.3	284.8	306.9	325.9	340.7	356.6	380.7	422.0	543.6
-25°	205.4	229.9	251.5	275.8	299.1	318.8	334.3	347.5	366.4	400.2	475.6
-27.5°	199.1	223.1	244.8	266.5	290.3	311.0	326.6	340.0	356.7	379.0	416.2
-30°	192.6	215.6	237.2	257.4	279.9	300.6	318.5	333.1	347.4	365.1	391.9
-32.5°	185.7	207.9	228.7	248.6	269.3	289.2	310.3	325.8	339.9	353.5	371.0
-35°	178.0	199.7	219.9	238.8	258.6	278.2	299.0	317.6	331.9	344.6	357.9
-37.5°	169.4	191.1	210.8	228.6	247.3	267.4	287.5	306.5	322.3	336.3	347.4
-40°	160.1	182.2	201.2	218.7	235.6	255.3	274.7	294.2	310.9	325.1	338.6
-42.5°	150.6	171.5	191.3	208.7	224.6	242.0	260.9	279.8	297.2	312.0	325.8
-45°	142.9	160.2	180.6	197.4	213.3	228.6	245.7	263.5	280.1	296.1	310.4
-47.5°	134.8	149.1	167.6	185.6	200.9	215.9	230.4	246.0	261.4	276.7	292.0
-50°	126.7	139.7	153.9	171.4	187.6	202.1	216.0	228.5	242.4	256.2	269.9
-52.5°	119.8	130.0	142.3	156.2	172.3	187.1	199.5	210.8	222.9	235.9	246.6
-55°	112.7	121.6	130.7	142.4	155.6	170.2	181.8	191.7	202.0	213.4	223.3
-57.5°	105.1	113.1	120.1	129.2	140.2	151.8	162.5	171.9	180.7	189.9	199.4
-60°	97.2	103.8	109.6	116.6	125.1	134.9	143.4	151.9	159.7	167.5	177.2
-62.5°	88.6	94.0	98.8	104.0	110.6	118.4	126.5	133.6	139.7	146.7	154.8
-65°	77.4	83.4	87.8	91.7	95.9	101.3	108.1	116.2	122.4	127.0	131.8
-67.5°	65.9	71.3	75.9	79.5	82.4	84.7	87.9	93.5	100.2	107.3	111.6
-70°	53.4	59.3	63.4	66.7	68.6	69.0	70.2	72.1	76.7	85.4	92.3
-72.5°	41.0	47.3	51.6	54.1	54.8	53.9	53.1	52.2	57.0	67.0	75.4
-75°	31.1	35.8	40.7	44.3	43.6	40.5	37.1	35.1	40.8	50.8	60.1
-77.5°	23.0	26.7	30.5	34.4	34.2	31.5	28.2	24.4	28.6	36.7	45.6
-80°	15.7	17.6	20.4	23.3	23.4	22.2	20.0	17.1	20.3	25.8	31.9
-82.5°	10.1	11.3	12.5	13.8	13.7	13.1	12.2	11.0	12.9	15.7	18.9
-85°	5.0	4.9	5.4	5.9	6.1	6.1	5.8	5.3	6.1	7.2	8.3
-87.5°	2.5	2.5	2.4	2.2	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: P561405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-MWR-BK

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	2.0	2.0
85°	9.5	9.1	8.5	7.7	6.8	7.0	7.2	7.4	7.5	7.2	6.8
82.5°	22.5	22.8	22.7	22.4	22.1	23.4	24.7	26.0	27.3	24.4	21.1
80°	38.5	41.1	43.2	45.6	48.3	49.9	51.0	51.5	51.7	45.3	37.8
77.5°	54.8	59.8	63.1	66.2	69.0	69.9	70.4	70.9	71.4	62.3	51.2
75°	68.9	74.1	77.1	79.9	82.3	83.9	85.1	86.2	87.2	77.0	63.7
72.5°	82.3	86.8	89.9	92.7	95.4	97.6	99.4	101.0	102.3	94.2	82.7
70°	96.8	99.8	103.2	106.7	109.8	112.0	114.0	115.9	117.4	115.6	112.8
67.5°	115.0	118.7	122.6	124.9	127.6	131.0	134.2	136.0	136.3	136.8	138.0
65°	137.3	144.3	149.8	154.5	158.3	161.4	164.7	168.4	172.4	175.8	177.2
62.5°	163.6	171.2	175.8	180.6	186.1	191.4	196.4	201.3	205.9	210.2	214.6
60°	185.1	191.3	196.8	203.0	208.9	214.5	220.7	226.8	232.4	237.8	243.1
57.5°	207.1	212.4	216.9	224.7	231.7	237.8	244.3	251.1	257.3	262.9	268.8
55°	230.2	235.6	239.9	250.1	258.2	263.0	267.1	273.4	278.9	283.6	290.0
52.5°	253.6	262.7	273.2	282.4	286.2	287.1	286.4	294.8	300.1	302.0	307.8
50°	280.6	291.9	302.3	311.2	313.3	316.7	321.8	325.6	327.2	328.0	334.6
47.5°	304.1	315.8	325.3	333.9	338.7	343.4	349.6	354.3	356.8	359.3	365.9
45°	323.9	333.7	342.8	349.8	356.6	365.1	373.2	379.8	388.5	396.4	404.5
42.5°	338.6	347.4	354.9	366.1	377.6	390.6	406.0	419.4	445.3	477.8	505.1
40°	348.6	358.6	372.6	388.1	409.8	430.5	481.0	529.4	586.3	662.5	721.8
37.5°	359.7	375.7	397.6	421.8	476.7	535.1	640.3	758.5	862.0	1020.2	1159.4
35°	374.8	401.2	434.6	508.1	605.5	755.0	926.2	1153.6	1359.2	1565.4	1747.3
32.5°	399.3	441.8	524.5	663.3	832.5	1103.9	1371.5	1661.5	1924.7	2151.2	2336.5
30°	432.8	524.3	683.9	888.6	1208.1	1541.1	1885.8	2192.9	2463.2	2691.3	2855.1
27.5°	508.3	665.9	893.3	1249.2	1622.9	2012.9	2362.0	2676.9	2917.8	3132.5	3284.2
25°	610.5	836.7	1222.0	1636.7	2055.8	2432.8	2777.1	3068.0	3289.2	3508.9	3667.0
22.5°	756.3	1109.7	1555.4	2026.4	2440.9	2808.5	3137.8	3395.1	3637.1	3864.8	4058.7
20°	920.9	1377.6	1891.3	2358.4	2772.5	3136.2	3416.2	3727.5	3985.1	4258.8	4483.5
17.5°	1148.0	1660.8	2183.4	2651.0	3056.0	3393.5	3725.0	4035.4	4355.1	4657.2	4941.2
15°	1349.5	1916.0	2432.0	2886.4	3279.6	3639.7	4004.1	4341.1	4719.1	5082.6	5428.4
12.5°	1545.9	2126.9	2642.2	3090.1	3468.1	3857.2	4255.7	4670.9	5097.3	5524.4	5955.4
10°	1716.2	2294.0	2798.2	3243.8	3644.7	4055.4	4487.4	4964.4	5465.2	5964.1	6456.9
7.5°	1850.8	2429.1	2927.9	3372.6	3789.5	4217.9	4697.2	5218.0	5786.4	6387.3	6979.8
5°	1948.4	2529.6	3034.5	3458.5	3894.3	4344.4	4862.9	5440.3	6052.1	6713.3	7367.0
2.5°	2006.8	2590.8	3106.0	3513.5	3955.2	4447.3	4980.3	5577.6	6242.0	6943.1	7606.6
0°	2023.9	2606.1	3125.4	3513.9	3986.9	4494.4	5035.3	5653.8	6323.6	7059.2	7751.6
-2.5°	2006.8	2590.8	3106.0	3513.5	3955.2	4447.3	4980.3	5577.6	6242.0	6943.1	7606.6
-5°	1948.4	2529.6	3034.5	3458.5	3894.3	4344.4	4862.9	5440.3	6052.1	6713.3	7367.0
-7.5°	1850.8	2429.1	2927.9	3372.6	3789.5	4217.9	4697.2	5218.0	5786.4	6387.3	6979.8
-10°	1716.2	2294.0	2798.2	3243.8	3644.7	4055.4	4487.4	4964.4	5465.2	5964.1	6456.9
-12.5°	1545.9	2126.9	2642.2	3090.1	3468.1	3857.2	4255.7	4670.9	5097.3	5524.4	5955.4
-15°	1349.5	1916.0	2432.0	2886.4	3279.6	3639.7	4004.1	4341.1	4719.1	5082.6	5428.4
-17.5°	1148.0	1660.8	2183.4	2651.0	3056.0	3393.5	3725.0	4035.4	4355.1	4657.2	4941.2
-20°	920.9	1377.6	1891.3	2358.4	2772.5	3136.2	3416.2	3727.5	3985.1	4258.8	4483.5



REPORT NUMBER: P561405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-MWR-BK

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	756.3	1109.7	1555.4	2026.4	2440.9	2808.5	3137.8	3395.1	3637.1	3864.8	4058.7
-25°	610.5	836.7	1222.0	1636.7	2055.8	2432.8	2777.1	3068.0	3289.2	3508.9	3667.0
-27.5°	508.3	665.9	893.3	1249.2	1622.9	2012.9	2362.0	2676.9	2917.8	3132.5	3284.2
-30°	432.8	524.3	683.9	888.6	1208.1	1541.1	1885.8	2192.9	2463.2	2691.3	2855.1
-32.5°	399.3	441.8	524.5	663.3	832.5	1103.9	1371.5	1661.5	1924.7	2151.2	2336.5
-35°	374.8	401.2	434.6	508.1	605.5	755.0	926.2	1153.6	1359.2	1565.4	1747.3
-37.5°	359.7	375.7	397.6	421.8	476.7	535.1	640.3	758.5	862.0	1020.2	1159.4
-40°	348.6	358.6	372.6	388.1	409.8	430.5	481.0	529.4	586.3	662.5	721.8
-42.5°	338.6	347.4	354.9	366.1	377.6	390.6	406.0	419.4	445.3	477.8	505.1
-45°	323.9	333.7	342.8	349.8	356.6	365.1	373.2	379.8	388.5	396.4	404.5
-47.5°	304.1	315.8	325.3	333.9	338.7	343.4	349.6	354.3	356.8	359.3	365.9
-50°	280.6	291.9	302.3	311.2	313.3	316.7	321.8	325.6	327.2	328.0	334.6
-52.5°	253.6	262.7	273.2	282.4	286.2	287.1	286.4	294.8	300.1	302.0	307.8
-55°	230.2	235.6	239.9	250.1	258.2	263.0	267.1	273.4	278.9	283.6	290.0
-57.5°	207.1	212.4	216.9	224.7	231.7	237.8	244.3	251.1	257.3	262.9	268.8
-60°	185.1	191.3	196.8	203.0	208.9	214.5	220.7	226.8	232.4	237.8	243.1
-62.5°	163.6	171.2	175.8	180.6	186.1	191.4	196.4	201.3	205.9	210.2	214.6
-65°	137.3	144.3	149.8	154.5	158.3	161.4	164.7	168.4	172.4	175.8	177.2
-67.5°	115.0	118.7	122.6	124.9	127.6	131.0	134.2	136.0	136.3	136.8	138.0
-70°	96.8	99.8	103.2	106.7	109.8	112.0	114.0	115.9	117.4	115.6	112.8
-72.5°	82.3	86.8	89.9	92.7	95.4	97.6	99.4	101.0	102.3	94.2	82.7
-75°	68.9	74.1	77.1	79.9	82.3	83.9	85.1	86.2	87.2	77.0	63.7
-77.5°	54.8	59.8	63.1	66.2	69.0	69.9	70.4	70.9	71.4	62.3	51.2
-80°	38.5	41.1	43.2	45.6	48.3	49.9	51.0	51.5	51.7	45.3	37.8
-82.5°	22.5	22.8	22.7	22.4	22.1	23.4	24.7	26.0	27.3	24.4	21.1
-85°	9.5	9.1	8.5	7.7	6.8	7.0	7.2	7.4	7.5	7.2	6.8
-87.5°	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	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



REPORT NUMBER: P561405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-MWR-BK

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°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9
85°	6.3	5.9	5.9	5.9	5.9	5.9	6.3	6.8	7.2	7.5	7.4
82.5°	17.5	13.8	14.7	15.7	14.7	13.8	17.5	21.1	24.4	27.3	26.0
80°	29.9	21.7	21.6	21.6	21.6	21.7	29.9	37.8	45.3	51.7	51.5
77.5°	39.7	28.0	28.4	29.5	28.4	28.0	39.7	51.2	62.3	71.4	70.9
75°	50.1	36.2	37.2	39.3	37.2	36.2	50.1	63.7	77.0	87.2	86.2
72.5°	71.2	59.5	53.3	47.2	53.3	59.5	71.2	82.7	94.2	102.3	101.0
70°	110.7	108.9	103.3	96.4	103.3	108.9	110.7	112.8	115.6	117.4	115.9
67.5°	139.3	140.5	142.2	143.6	142.2	140.5	139.3	138.0	136.8	136.3	136.0
65°	177.3	176.1	177.5	179.0	177.5	176.1	177.3	177.2	175.8	172.4	168.4
62.5°	219.2	223.5	227.3	230.1	227.3	223.5	219.2	214.6	210.2	205.9	201.3
60°	247.7	251.7	255.0	257.7	255.0	251.7	247.7	243.1	237.8	232.4	226.8
57.5°	274.1	278.9	284.1	289.1	284.1	278.9	274.1	268.8	262.9	257.3	251.1
55°	296.2	302.0	309.1	316.7	309.1	302.0	296.2	290.0	283.6	278.9	273.4
52.5°	314.7	321.2	328.5	336.3	328.5	321.2	314.7	307.8	302.0	300.1	294.8
50°	344.3	352.9	359.5	363.9	359.5	352.9	344.3	334.6	328.0	327.2	325.6
47.5°	376.4	385.6	397.0	411.1	397.0	385.6	376.4	365.9	359.3	356.8	354.3
45°	414.5	421.9	430.1	440.6	430.1	421.9	414.5	404.5	396.4	388.5	379.8
42.5°	530.4	549.5	561.3	564.5	561.3	549.5	530.4	505.1	477.8	445.3	419.4
40°	774.8	815.2	841.6	853.6	841.6	815.2	774.8	721.8	662.5	586.3	529.4
37.5°	1273.4	1354.2	1401.6	1416.2	1401.6	1354.2	1273.4	1159.4	1020.2	862.0	758.5
35°	1890.5	1992.9	2053.0	2049.5	2053.0	1992.9	1890.5	1747.3	1565.4	1359.2	1153.6
32.5°	2481.2	2581.1	2641.7	2669.1	2641.7	2581.1	2481.2	2336.5	2151.2	1924.7	1661.5
30°	2986.5	3070.6	3117.4	3154.9	3117.4	3070.6	2986.5	2855.1	2691.3	2463.2	2192.9
27.5°	3412.6	3493.1	3535.8	3552.2	3535.8	3493.1	3412.6	3284.2	3132.5	2917.8	2676.9
25°	3812.7	3903.9	3947.0	3973.1	3947.0	3903.9	3812.7	3667.0	3508.9	3289.2	3068.0
22.5°	4220.1	4327.2	4418.0	4429.5	4418.0	4327.2	4220.1	4058.7	3864.8	3637.1	3395.1
20°	4693.4	4846.4	4922.6	4974.3	4922.6	4846.4	4693.4	4483.5	4258.8	3985.1	3727.5
17.5°	5197.1	5400.6	5518.4	5565.4	5518.4	5400.6	5197.1	4941.2	4657.2	4355.1	4035.4
15°	5755.9	6018.4	6184.1	6237.0	6184.1	6018.4	5755.9	5428.4	5082.6	4719.1	4341.1
12.5°	6350.1	6673.2	6881.9	6936.3	6881.9	6673.2	6350.1	5955.4	5524.4	5097.3	4670.9
10°	6929.9	7292.0	7550.9	7647.3	7550.9	7292.0	6929.9	6456.9	5964.1	5465.2	4964.4
7.5°	7457.3	7917.8	8138.8	8241.3	8138.8	7917.8	7457.3	6979.8	6387.3	5786.4	5218.0
5°	7898.2	8276.3	8444.5	8451.8	8444.5	8276.3	7898.2	7367.0	6713.3	6052.1	5440.3
2.5°	8137.4	8448.3	8521.9	8481.3	8521.9	8448.3	8137.4	7606.6	6943.1	6242.0	5577.6
0°	8237.4	8522.6	8565.9	8481.3	8565.9	8522.6	8237.4	7751.6	7059.2	6323.6	5653.8
-2.5°	8137.4	8448.3	8521.9	8481.2	8521.9	8448.3	8137.4	7606.6	6943.1	6242.0	5577.6
-5°	7898.2	8276.3	8444.5	8451.8	8444.5	8276.3	7898.2	7367.0	6713.3	6052.1	5440.3
-7.5°	7457.3	7917.8	8138.8	8241.3	8138.8	7917.8	7457.3	6979.8	6387.3	5786.4	5218.0
-10°	6929.9	7292.0	7550.9	7647.3	7550.9	7292.0	6929.9	6456.9	5964.1	5465.2	4964.4
-12.5°	6350.1	6673.2	6881.9	6936.3	6881.9	6673.2	6350.1	5955.4	5524.4	5097.3	4670.9
-15°	5755.9	6018.4	6184.1	6237.0	6184.1	6018.4	5755.9	5428.4	5082.6	4719.1	4341.1
-17.5°	5197.1	5400.6	5518.4	5565.4	5518.4	5400.6	5197.1	4941.2	4657.2	4355.1	4035.4
-20°	4693.4	4846.4	4922.6	4974.3	4922.6	4846.4	4693.4	4483.5	4258.8	3985.1	3727.5



REPORT NUMBER: P561405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-MWR-BK

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4220.1	4327.2	4418.0	4429.5	4418.0	4327.2	4220.1	4058.7	3864.8	3637.1	3395.1
-25°	3812.7	3903.9	3947.0	3973.1	3947.0	3903.9	3812.7	3667.0	3508.9	3289.2	3068.0
-27.5°	3412.6	3493.1	3535.8	3552.2	3535.8	3493.1	3412.6	3284.2	3132.5	2917.8	2676.9
-30°	2986.5	3070.6	3117.4	3154.9	3117.4	3070.6	2986.5	2855.1	2691.3	2463.2	2192.9
-32.5°	2481.2	2581.1	2641.7	2669.1	2641.7	2581.1	2481.2	2336.5	2151.2	1924.7	1661.5
-35°	1890.5	1992.9	2053.0	2049.5	2053.0	1992.9	1890.5	1747.3	1565.4	1359.2	1153.6
-37.5°	1273.4	1354.2	1401.6	1416.2	1401.6	1354.2	1273.4	1159.4	1020.2	862.0	758.5
-40°	774.8	815.2	841.6	853.6	841.6	815.2	774.8	721.8	662.5	586.3	529.4
-42.5°	530.4	549.5	561.3	564.5	561.3	549.5	530.4	505.1	477.8	445.3	419.4
-45°	414.5	421.9	430.1	440.6	430.1	421.9	414.5	404.5	396.4	388.5	379.8
-47.5°	376.4	385.6	397.0	411.1	397.0	385.6	376.4	365.9	359.3	356.8	354.3
-50°	344.3	352.9	359.5	363.9	359.5	352.9	344.3	334.6	328.0	327.2	325.6
-52.5°	314.7	321.2	328.5	336.3	328.5	321.2	314.7	307.8	302.0	300.1	294.8
-55°	296.2	302.0	309.1	316.7	309.1	302.0	296.2	290.0	283.6	278.9	273.4
-57.5°	274.1	278.9	284.1	289.1	284.1	278.9	274.1	268.8	262.9	257.3	251.1
-60°	247.7	251.7	255.0	257.7	255.0	251.7	247.7	243.1	237.8	232.4	226.8
-62.5°	219.2	223.5	227.3	230.1	227.3	223.5	219.2	214.6	210.2	205.9	201.3
-65°	177.3	176.1	177.5	179.0	177.5	176.1	177.3	177.2	175.8	172.4	168.4
-67.5°	139.3	140.5	142.2	143.6	142.2	140.5	139.3	138.0	136.8	136.3	136.0
-70°	110.7	108.9	103.3	96.4	103.3	108.9	110.7	112.8	115.6	117.4	115.9
-72.5°	71.2	59.5	53.3	47.2	53.3	59.5	71.2	82.7	94.2	102.3	101.0
-75°	50.1	36.2	37.2	39.3	37.2	36.2	50.1	63.7	77.0	87.2	86.2
-77.5°	39.7	28.0	28.4	29.5	28.4	28.0	39.7	51.2	62.3	71.4	70.9
-80°	29.9	21.7	21.6	21.6	21.6	21.7	29.9	37.8	45.3	51.7	51.5
-82.5°	17.5	13.8	14.7	15.7	14.7	13.8	17.5	21.1	24.4	27.3	26.0
-85°	6.3	5.9	5.9	5.9	5.9	5.9	6.3	6.8	7.2	7.5	7.4
-87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	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: P561405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-MWR-BK

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°	7.2	7.0	6.8	7.7	8.5	9.1	9.5	8.3	7.2	6.1	5.3
82.5°	24.7	23.4	22.1	22.4	22.7	22.8	22.5	18.9	15.7	12.9	11.0
80°	51.0	49.9	48.3	45.6	43.2	41.1	38.5	31.9	25.8	20.3	17.1
77.5°	70.4	69.9	69.0	66.2	63.1	59.8	54.8	45.6	36.7	28.6	24.4
75°	85.1	83.9	82.3	79.9	77.1	74.1	68.9	60.1	50.8	40.8	35.1
72.5°	99.4	97.6	95.4	92.7	89.9	86.8	82.3	75.4	67.0	57.0	52.2
70°	114.0	112.0	109.8	106.7	103.2	99.8	96.8	92.3	85.4	76.7	72.1
67.5°	134.2	131.0	127.6	124.9	122.6	118.7	115.0	111.6	107.3	100.2	93.5
65°	164.7	161.4	158.3	154.5	149.8	144.3	137.3	131.8	127.0	122.4	116.2
62.5°	196.4	191.4	186.1	180.6	175.8	171.2	163.6	154.8	146.7	139.7	133.6
60°	220.7	214.5	208.9	203.0	196.8	191.3	185.1	177.2	167.5	159.7	151.9
57.5°	244.3	237.8	231.7	224.7	216.9	212.4	207.1	199.4	189.9	180.7	171.9
55°	267.1	263.0	258.2	250.1	239.9	235.6	230.2	223.3	213.4	202.0	191.7
52.5°	286.4	287.1	286.2	282.4	273.2	262.7	253.6	246.6	235.9	222.9	210.8
50°	321.8	316.7	313.3	311.2	302.3	291.9	280.6	269.9	256.2	242.4	228.5
47.5°	349.6	343.4	338.7	333.9	325.3	315.8	304.1	292.0	276.7	261.4	246.0
45°	373.2	365.1	356.6	349.8	342.8	333.7	323.9	310.4	296.1	280.1	263.5
42.5°	406.0	390.6	377.6	366.1	354.9	347.4	338.6	325.8	312.0	297.2	279.8
40°	481.0	430.5	409.8	388.1	372.6	358.6	348.6	338.6	325.1	310.9	294.2
37.5°	640.3	535.1	476.7	421.8	397.6	375.7	359.7	347.4	336.3	322.3	306.5
35°	926.2	755.0	605.5	508.1	434.6	401.2	374.8	357.9	344.6	331.9	317.6
32.5°	1371.5	1103.9	832.5	663.3	524.5	441.8	399.3	371.0	353.5	339.9	325.8
30°	1885.8	1541.1	1208.1	888.6	683.9	524.3	432.8	391.9	365.1	347.4	333.1
27.5°	2362.0	2012.9	1622.9	1249.2	893.3	665.9	508.3	416.2	379.0	356.7	340.0
25°	2777.1	2432.8	2055.8	1636.7	1222.0	836.7	610.5	475.6	400.2	366.4	347.5
22.5°	3137.8	2808.5	2440.9	2026.4	1555.4	1109.7	756.3	543.6	422.0	380.7	356.6
20°	3416.2	3136.2	2772.5	2358.4	1891.3	1377.6	920.9	645.3	480.0	398.1	365.6
17.5°	3725.0	3393.5	3056.0	2651.0	2183.4	1660.8	1148.0	754.2	531.6	413.3	374.1
15°	4004.1	3639.7	3279.6	2886.4	2432.0	1916.0	1349.5	854.3	589.3	442.6	386.1
12.5°	4255.7	3857.2	3468.1	3090.1	2642.2	2126.9	1545.9	1015.0	667.1	479.7	397.7
10°	4487.4	4055.4	3644.7	3243.8	2798.2	2294.0	1716.2	1147.6	733.6	511.5	407.4
7.5°	4697.2	4217.9	3789.5	3372.6	2927.9	2429.1	1850.8	1250.8	786.0	537.1	415.3
5°	4862.9	4344.4	3894.3	3458.5	3034.5	2529.6	1948.4	1323.7	823.8	556.2	421.3
2.5°	4980.3	4447.3	3955.2	3513.5	3106.0	2590.8	2006.8	1372.4	849.5	574.0	429.9
0°	5035.3	4494.4	3986.9	3513.9	3125.4	2606.1	2023.9	1396.5	861.5	586.1	436.7
-2.5°	4980.3	4447.3	3955.2	3513.5	3106.0	2590.8	2006.8	1372.4	849.5	574.0	429.9
-5°	4862.9	4344.4	3894.3	3458.5	3034.5	2529.6	1948.4	1323.7	823.8	556.2	421.3
-7.5°	4697.2	4217.9	3789.5	3372.6	2927.9	2429.1	1850.8	1250.8	786.0	537.1	415.3
-10°	4487.4	4055.4	3644.7	3243.8	2798.2	2294.0	1716.2	1147.6	733.6	511.5	407.4
-12.5°	4255.7	3857.2	3468.1	3090.1	2642.2	2126.9	1545.9	1015.0	667.1	479.7	397.7
-15°	4004.1	3639.7	3279.6	2886.4	2432.0	1916.0	1349.5	854.3	589.3	442.6	386.1
-17.5°	3725.0	3393.5	3056.0	2651.0	2183.4	1660.8	1148.0	754.2	531.6	413.3	374.1
-20°	3416.2	3136.2	2772.5	2358.4	1891.3	1377.6	920.9	645.3	480.0	398.1	365.6



REPORT NUMBER: P561405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-MWR-BK

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3137.8	2808.5	2440.9	2026.4	1555.4	1109.7	756.3	543.6	422.0	380.7	356.6
-25°	2777.1	2432.8	2055.8	1636.7	1222.0	836.7	610.5	475.6	400.2	366.4	347.5
-27.5°	2362.0	2012.9	1622.9	1249.2	893.3	665.9	508.3	416.2	379.0	356.7	340.0
-30°	1885.8	1541.1	1208.1	888.6	683.9	524.3	432.8	391.9	365.1	347.4	333.1
-32.5°	1371.5	1103.9	832.5	663.3	524.5	441.8	399.3	371.0	353.5	339.9	325.8
-35°	926.2	755.0	605.5	508.1	434.6	401.2	374.8	357.9	344.6	331.9	317.6
-37.5°	640.3	535.1	476.7	421.8	397.6	375.7	359.7	347.4	336.3	322.3	306.5
-40°	481.0	430.5	409.8	388.1	372.6	358.6	348.6	338.6	325.1	310.9	294.2
-42.5°	406.0	390.6	377.6	366.1	354.9	347.4	338.6	325.8	312.0	297.2	279.8
-45°	373.2	365.1	356.6	349.8	342.8	333.7	323.9	310.4	296.1	280.1	263.5
-47.5°	349.6	343.4	338.7	333.9	325.3	315.8	304.1	292.0	276.7	261.4	246.0
-50°	321.8	316.7	313.3	311.2	302.3	291.9	280.6	269.9	256.2	242.4	228.5
-52.5°	286.4	287.1	286.2	282.4	273.2	262.7	253.6	246.6	235.9	222.9	210.8
-55°	267.1	263.0	258.2	250.1	239.9	235.6	230.2	223.3	213.4	202.0	191.7
-57.5°	244.3	237.8	231.7	224.7	216.9	212.4	207.1	199.4	189.9	180.7	171.9
-60°	220.7	214.5	208.9	203.0	196.8	191.3	185.1	177.2	167.5	159.7	151.9
-62.5°	196.4	191.4	186.1	180.6	175.8	171.2	163.6	154.8	146.7	139.7	133.6
-65°	164.7	161.4	158.3	154.5	149.8	144.3	137.3	131.8	127.0	122.4	116.2
-67.5°	134.2	131.0	127.6	124.9	122.6	118.7	115.0	111.6	107.3	100.2	93.5
-70°	114.0	112.0	109.8	106.7	103.2	99.8	96.8	92.3	85.4	76.7	72.1
-72.5°	99.4	97.6	95.4	92.7	89.9	86.8	82.3	75.4	67.0	57.0	52.2
-75°	85.1	83.9	82.3	79.9	77.1	74.1	68.9	60.1	50.8	40.8	35.1
-77.5°	70.4	69.9	69.0	66.2	63.1	59.8	54.8	45.6	36.7	28.6	24.4
-80°	51.0	49.9	48.3	45.6	43.2	41.1	38.5	31.9	25.8	20.3	17.1
-82.5°	24.7	23.4	22.1	22.4	22.7	22.8	22.5	18.9	15.7	12.9	11.0
-85°	7.2	7.0	6.8	7.7	8.5	9.1	9.5	8.3	7.2	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: P561405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-AMB-U-MWR-BK

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	2.2	2.4	2.5	2.5	2.5	2.4	2.4	2.2
85°	5.8	6.1	6.1	5.9	5.4	4.9	5.0	5.0	4.9	4.7	4.5
82.5°	12.2	13.1	13.7	13.8	12.5	11.3	10.1	9.1	8.3	7.3	6.7
80°	20.0	22.2	23.4	23.3	20.4	17.6	15.7	14.1	13.2	12.0	10.4
77.5°	28.2	31.5	34.2	34.4	30.5	26.7	23.0	19.8	18.2	16.7	14.8
75°	37.1	40.5	43.6	44.3	40.7	35.8	31.1	27.4	24.9	21.7	19.3
72.5°	53.1	53.9	54.8	54.1	51.6	47.3	41.0	35.2	32.4	28.8	24.3
70°	70.2	69.0	68.6	66.7	63.4	59.3	53.4	46.3	40.0	36.0	30.9
67.5°	87.9	84.7	82.4	79.5	75.9	71.3	65.9	58.0	50.2	43.2	37.6
65°	108.1	101.3	95.9	91.7	87.8	83.4	77.4	68.9	60.1	51.6	44.2
62.5°	126.5	118.4	110.6	104.0	98.8	94.0	88.6	78.5	69.4	59.8	51.1
60°	143.4	134.9	125.1	116.6	109.6	103.8	97.2	87.6	77.3	67.8	57.8
57.5°	162.5	151.8	140.2	129.2	120.1	113.1	105.1	95.4	84.9	74.5	63.8
55°	181.8	170.2	155.6	142.4	130.7	121.6	112.7	102.5	91.9	80.7	67.9
52.5°	199.5	187.1	172.3	156.2	142.3	130.0	119.8	109.4	98.1	86.6	70.7
50°	216.0	202.1	187.6	171.4	153.9	139.7	126.7	115.8	104.1	92.1	72.8
47.5°	230.4	215.9	200.9	185.6	167.6	149.1	134.8	122.1	110.0	97.2	74.3
45°	245.7	228.6	213.3	197.4	180.6	160.2	142.9	128.3	115.5	98.9	75.2
42.5°	260.9	242.0	224.6	208.7	191.3	171.5	150.6	135.1	121.0	99.9	75.8
40°	274.7	255.3	235.6	218.7	201.2	182.2	160.1	141.7	125.7	100.5	76.2
37.5°	287.5	267.4	247.3	228.6	210.8	191.1	169.4	147.9	126.7	101.0	76.3
35°	299.0	278.2	258.6	238.8	219.9	199.7	178.0	154.5	129.3	101.2	75.9
32.5°	310.3	289.2	269.3	248.6	228.7	207.9	185.7	160.8	133.0	101.1	75.1
30°	318.5	300.6	279.9	257.4	237.2	215.6	192.6	166.9	137.7	100.8	74.1
27.5°	326.6	311.0	290.3	266.5	244.8	223.1	199.1	172.7	143.2	101.6	73.4
25°	334.3	318.8	299.1	275.8	251.5	229.9	205.4	178.2	148.3	105.0	72.3
22.5°	340.7	325.9	306.9	284.8	258.3	236.1	211.3	183.2	152.5	108.7	71.0
20°	346.1	332.8	313.9	293.1	265.8	241.6	216.4	187.9	156.4	112.6	69.3
17.5°	351.2	338.7	320.5	299.4	273.0	246.9	220.9	192.2	159.8	116.5	67.4
15°	359.6	343.9	326.5	305.1	279.4	251.9	224.9	196.2	162.8	120.3	66.3
12.5°	367.1	349.1	331.8	310.3	285.0	256.5	228.2	199.7	165.3	122.9	66.3
10°	373.4	354.2	336.4	314.9	289.6	260.7	231.0	203.1	168.0	123.8	65.6
7.5°	378.4	359.1	340.4	318.9	293.7	264.5	234.1	206.4	170.9	123.4	64.5
5°	383.2	363.5	345.5	324.0	298.2	267.6	236.7	209.1	173.6	122.0	63.0
2.5°	391.6	367.0	351.1	328.6	301.9	269.9	238.6	211.1	175.7	119.5	61.1
0°	399.3	369.8	356.0	332.4	304.9	271.4	240.0	212.4	177.0	116.0	59.0
-2.5°	391.6	367.0	351.1	328.6	301.9	269.9	238.6	211.1	175.7	119.5	61.1
-5°	383.2	363.5	345.5	324.0	298.2	267.6	236.7	209.1	173.6	122.0	63.0
-7.5°	378.4	359.1	340.4	318.9	293.7	264.5	234.1	206.4	170.9	123.4	64.5
-10°	373.4	354.2	336.4	314.9	289.6	260.7	231.0	203.1	168.0	123.8	65.6
-12.5°	367.1	349.1	331.8	310.3	285.0	256.5	228.2	199.7	165.3	122.9	66.3
-15°	359.6	343.9	326.5	305.1	279.4	251.9	224.9	196.2	162.8	120.3	66.3
-17.5°	351.2	338.7	320.5	299.4	273.0	246.9	220.9	192.2	159.8	116.5	67.4
-20°	346.1	332.8	313.9	293.1	265.8	241.6	216.4	187.9	156.4	112.6	69.3



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	340.7	325.9	306.9	284.8	258.3	236.1	211.3	183.2	152.5	108.7	71.0
-25°	334.3	318.8	299.1	275.8	251.5	229.9	205.4	178.2	148.3	105.0	72.3
-27.5°	326.6	311.0	290.3	266.5	244.8	223.1	199.1	172.7	143.2	101.6	73.4
-30°	318.5	300.6	279.9	257.4	237.2	215.6	192.6	166.9	137.7	100.8	74.1
-32.5°	310.3	289.2	269.3	248.6	228.7	207.9	185.7	160.8	133.0	101.1	75.1
-35°	299.0	278.2	258.6	238.8	219.9	199.7	178.0	154.5	129.3	101.2	75.9
-37.5°	287.5	267.4	247.3	228.6	210.8	191.1	169.4	147.9	126.7	101.0	76.3
-40°	274.7	255.3	235.6	218.7	201.2	182.2	160.1	141.7	125.7	100.5	76.2
-42.5°	260.9	242.0	224.6	208.7	191.3	171.5	150.6	135.1	121.0	99.9	75.8
-45°	245.7	228.6	213.3	197.4	180.6	160.2	142.9	128.3	115.5	98.9	75.2
-47.5°	230.4	215.9	200.9	185.6	167.6	149.1	134.8	122.1	110.0	97.2	74.3
-50°	216.0	202.1	187.6	171.4	153.9	139.7	126.7	115.8	104.1	92.1	72.8
-52.5°	199.5	187.1	172.3	156.2	142.3	130.0	119.8	109.4	98.1	86.6	70.7
-55°	181.8	170.2	155.6	142.4	130.7	121.6	112.7	102.5	91.9	80.7	67.9
-57.5°	162.5	151.8	140.2	129.2	120.1	113.1	105.1	95.4	84.9	74.5	63.8
-60°	143.4	134.9	125.1	116.6	109.6	103.8	97.2	87.6	77.3	67.8	57.8
-62.5°	126.5	118.4	110.6	104.0	98.8	94.0	88.6	78.5	69.4	59.8	51.1
-65°	108.1	101.3	95.9	91.7	87.8	83.4	77.4	68.9	60.1	51.6	44.2
-67.5°	87.9	84.7	82.4	79.5	75.9	71.3	65.9	58.0	50.2	43.2	37.6
-70°	70.2	69.0	68.6	66.7	63.4	59.3	53.4	46.3	40.0	36.0	30.9
-72.5°	53.1	53.9	54.8	54.1	51.6	47.3	41.0	35.2	32.4	28.8	24.3
-75°	37.1	40.5	43.6	44.3	40.7	35.8	31.1	27.4	24.9	21.7	19.3
-77.5°	28.2	31.5	34.2	34.4	30.5	26.7	23.0	19.8	18.2	16.7	14.8
-80°	20.0	22.2	23.4	23.3	20.4	17.6	15.7	14.1	13.2	12.0	10.4
-82.5°	12.2	13.1	13.7	13.8	12.5	11.3	10.1	9.1	8.3	7.3	6.7
-85°	5.8	6.1	6.1	5.9	5.4	4.9	5.0	5.0	4.9	4.7	4.5
-87.5°	1.7	1.9	2.1	2.2	2.4	2.5	2.5	2.5	2.4	2.4	2.2
-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°	2.0	1.6	1.2	0.8	0.5	0.2	0.0
85°	4.1	3.2	2.4	1.7	1.0	0.4	0.0
82.5°	6.1	4.8	3.6	2.5	1.5	0.6	0.0
80°	8.3	6.3	4.7	3.3	2.0	0.8	0.0
77.5°	12.2	8.3	5.9	4.1	2.5	1.1	0.0
75°	16.0	11.1	7.2	4.9	3.0	1.3	0.0
72.5°	19.7	13.8	9.1	5.7	3.5	1.5	0.0
70°	23.5	16.5	10.9	6.5	3.9	1.7	0.0
67.5°	28.6	18.9	12.6	7.7	4.4	1.8	0.0
65°	33.4	21.9	14.3	8.7	4.8	2.0	0.0
62.5°	37.9	25.2	15.9	9.7	5.2	2.2	0.0
60°	42.1	28.2	17.3	10.7	5.6	2.4	0.0
57.5°	45.6	31.0	19.3	11.6	6.2	2.5	0.0
55°	48.7	33.6	21.0	12.4	6.7	2.7	0.0
52.5°	51.2	35.7	22.6	13.2	7.3	2.9	0.0
50°	53.2	37.1	24.1	13.9	7.8	3.0	0.0
47.5°	54.6	38.2	25.3	14.6	8.3	3.1	0.0
45°	55.3	38.9	26.3	15.3	8.8	3.3	0.0
42.5°	55.5	39.2	27.1	16.0	9.3	3.4	0.0
40°	55.3	39.1	27.5	16.7	9.8	3.5	0.0
37.5°	54.7	38.7	27.3	17.6	10.2	3.6	0.0
35°	53.6	38.0	26.9	18.5	10.6	3.7	0.0
32.5°	52.4	37.0	26.3	19.4	11.0	3.7	0.0
30°	51.5	35.7	25.5	20.2	11.4	3.8	0.0
27.5°	50.2	34.2	25.8	21.0	11.8	3.9	0.0
25°	48.7	32.4	26.2	21.8	12.1	3.9	0.0
22.5°	46.9	31.1	26.6	22.6	12.4	4.0	0.0
20°	44.8	31.6	26.8	23.4	12.7	4.0	0.0
17.5°	44.7	32.0	27.1	24.1	12.9	4.0	0.0
15°	45.9	32.4	27.2	24.7	13.2	4.0	0.0
12.5°	46.9	32.7	27.3	25.3	13.4	4.0	0.0
10°	47.7	32.9	27.4	25.9	13.5	4.0	0.0
7.5°	48.4	33.1	27.5	26.4	13.6	4.0	0.0
5°	48.8	33.3	27.5	26.8	13.7	4.0	0.0
2.5°	49.1	33.4	27.5	27.2	13.8	3.9	0.0
0°	49.2	33.4	27.5	27.5	13.8	3.9	0.0
-2.5°	49.1	33.4	27.5	27.2	13.8	3.9	0.0
-5°	48.8	33.3	27.5	26.8	13.7	4.0	0.0
-7.5°	48.4	33.1	27.5	26.4	13.6	4.0	0.0
-10°	47.7	32.9	27.4	25.9	13.5	4.0	0.0
-12.5°	46.9	32.7	27.3	25.3	13.4	4.0	0.0
-15°	45.9	32.4	27.2	24.7	13.2	4.0	0.0
-17.5°	44.7	32.0	27.1	24.1	12.9	4.0	0.0
-20°	44.8	31.6	26.8	23.4	12.7	4.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	46.9	31.1	26.6	22.6	12.4	4.0	0.0
-25°	48.7	32.4	26.2	21.8	12.1	3.9	0.0
-27.5°	50.2	34.2	25.8	21.0	11.8	3.9	0.0
-30°	51.5	35.7	25.5	20.2	11.4	3.8	0.0
-32.5°	52.4	37.0	26.3	19.4	11.0	3.7	0.0
-35°	53.6	38.0	26.9	18.5	10.6	3.7	0.0
-37.5°	54.7	38.7	27.3	17.6	10.2	3.6	0.0
-40°	55.3	39.1	27.5	16.7	9.8	3.5	0.0
-42.5°	55.5	39.2	27.1	16.0	9.3	3.4	0.0
-45°	55.3	38.9	26.3	15.3	8.8	3.3	0.0
-47.5°	54.6	38.2	25.3	14.6	8.3	3.1	0.0
-50°	53.2	37.1	24.1	13.9	7.8	3.0	0.0
-52.5°	51.2	35.7	22.6	13.2	7.3	2.9	0.0
-55°	48.7	33.6	21.0	12.4	6.7	2.7	0.0
-57.5°	45.6	31.0	19.3	11.6	6.2	2.5	0.0
-60°	42.1	28.2	17.3	10.7	5.6	2.4	0.0
-62.5°	37.9	25.2	15.9	9.7	5.2	2.2	0.0
-65°	33.4	21.9	14.3	8.7	4.8	2.0	0.0
-67.5°	28.6	18.9	12.6	7.7	4.4	1.8	0.0
-70°	23.5	16.5	10.9	6.5	3.9	1.7	0.0
-72.5°	19.7	13.8	9.1	5.7	3.5	1.5	0.0
-75°	16.0	11.1	7.2	4.9	3.0	1.3	0.0
-77.5°	12.2	8.3	5.9	4.1	2.5	1.1	0.0
-80°	8.3	6.3	4.7	3.3	2.0	0.8	0.0
-82.5°	6.1	4.8	3.6	2.5	1.5	0.6	0.0
-85°	4.1	3.2	2.4	1.7	1.0	0.4	0.0
-87.5°	2.0	1.6	1.2	0.8	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)