

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: P559241 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-930-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559241 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA6E-930-U-TSB-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, TIGHT SPOT BAFFLE N1
Light Source: (96) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

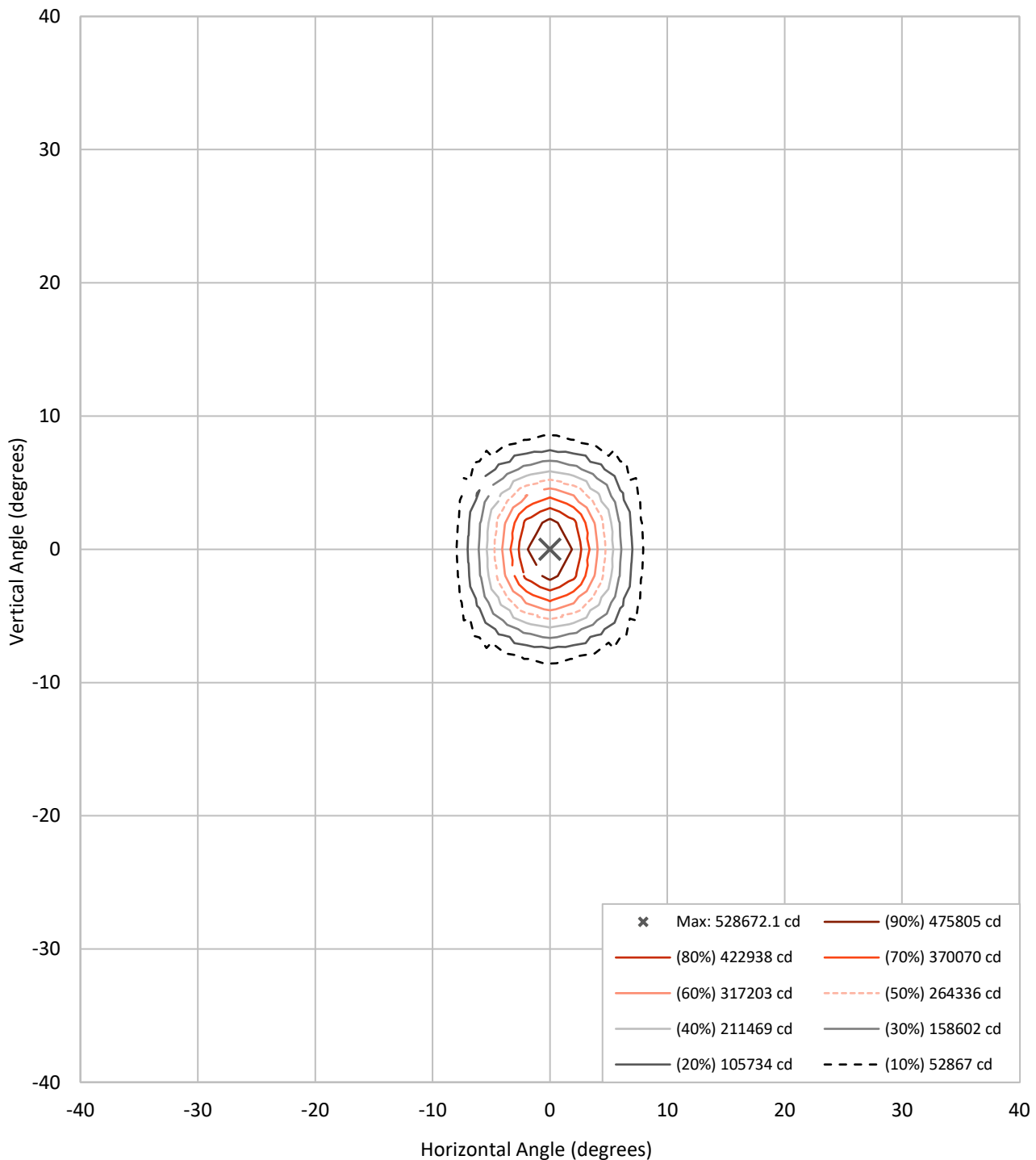
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	20587.6 lumens	Max Intensity:	528672.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	55.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	8824.2 lumens	Field Lumens:	15208.4 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 368
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





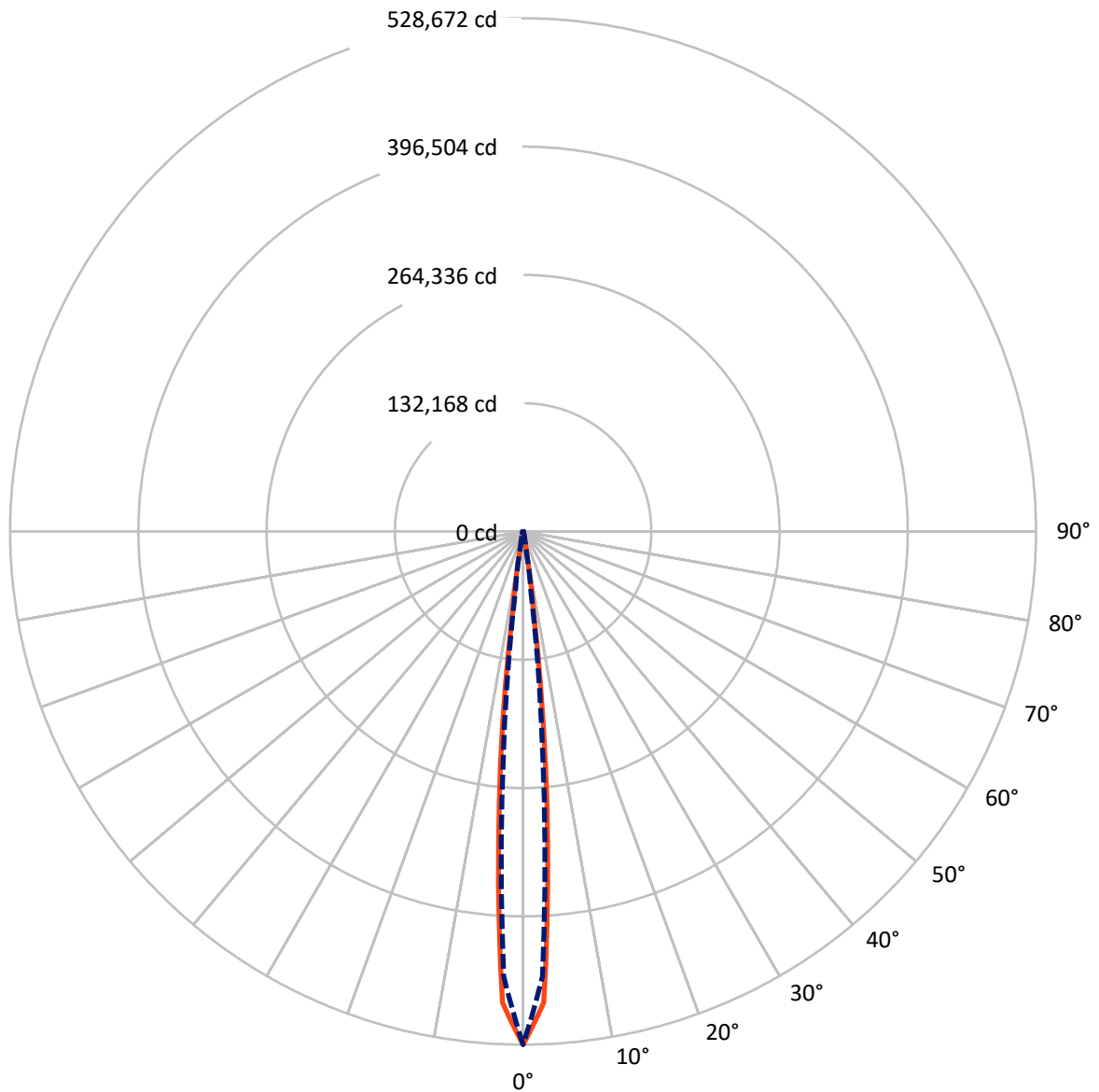
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Lumen Table

90	0.1	0.6		2.1		5.0		8.5		5.0		2.1		0.6		0.1			
80	0.1	0.6		2.1		5.0		8.5		5.0		2.1		0.6		0.1			
70	0.3	0.4	1.1	2.3	3.5	4.5	7.2	12.8	12.8	7.2	4.5	3.5	2.3	1.1	0.4	0.3			
60		0.8	2.0	4.2	6.7	9.1	12.3	16.6	16.6	12.3	9.1	6.7	4.2	2.0	0.8				
50	1.0	1.4	3.2	6.6	11.6	17.5	22.4	26.8	26.8	22.4	17.5	11.6	6.6	3.2	1.4	1.0			
40		2.3	4.6	10.0	18.1	24.4	27.6	29.2	29.2	27.6	24.4	18.1	10.0	4.6	2.3				
30	2.1	3.3	6.4	14.2	22.2	26.5	36.1	47.5	47.5	36.1	26.5	22.2	14.2	6.4	3.3	2.1			
20		4.5	8.8	17.9	24.5	34.9	70.7	141.4	141.4	70.7	34.9	24.5	17.9	8.8	4.5				
10	2.4	5.1	10.5	20.0	25.5	44.8	139.9	4136.4	4136.4	139.9	44.8	25.5	20.0	10.5	5.1	2.4			
0		5.1	10.5	20.0	25.5	44.8	139.9	4136.4	4136.4	139.9	44.8	25.5	20.0	10.5	5.1				
-10	2.1	4.5	8.8	17.9	24.5	34.9	70.7	141.4	141.4	70.7	34.9	24.5	17.9	8.8	4.5	2.1			
-20		3.3	6.4	14.2	22.2	26.5	36.1	47.5	47.5	36.1	26.5	22.2	14.2	6.4	3.3				
-30	1.0	2.3	4.6	10.0	18.1	24.4	27.6	29.2	29.2	27.6	24.4	18.1	10.0	4.6	2.3	1.0			
-40		1.4	3.2	6.6	11.6	17.5	22.4	26.8	26.8	22.4	17.5	11.6	6.6	3.2	1.4				
-50	0.3	0.8	2.0	4.2	6.7	9.1	12.3	16.6	16.6	12.3	9.1	6.7	4.2	2.0	0.8	0.3			
-60		0.4	1.1	2.3	3.5	4.5	7.2	12.8	12.8	7.2	4.5	3.5	2.3	1.1	0.4				
-70	0.1	0.6		2.1		5.0		8.5		5.0		2.1		0.6		0.1			
-80		0.6		2.1		5.0		8.5		5.0		2.1		0.6					
-90	0.1	0.6		2.1		5.0		8.5		5.0		2.1		0.6		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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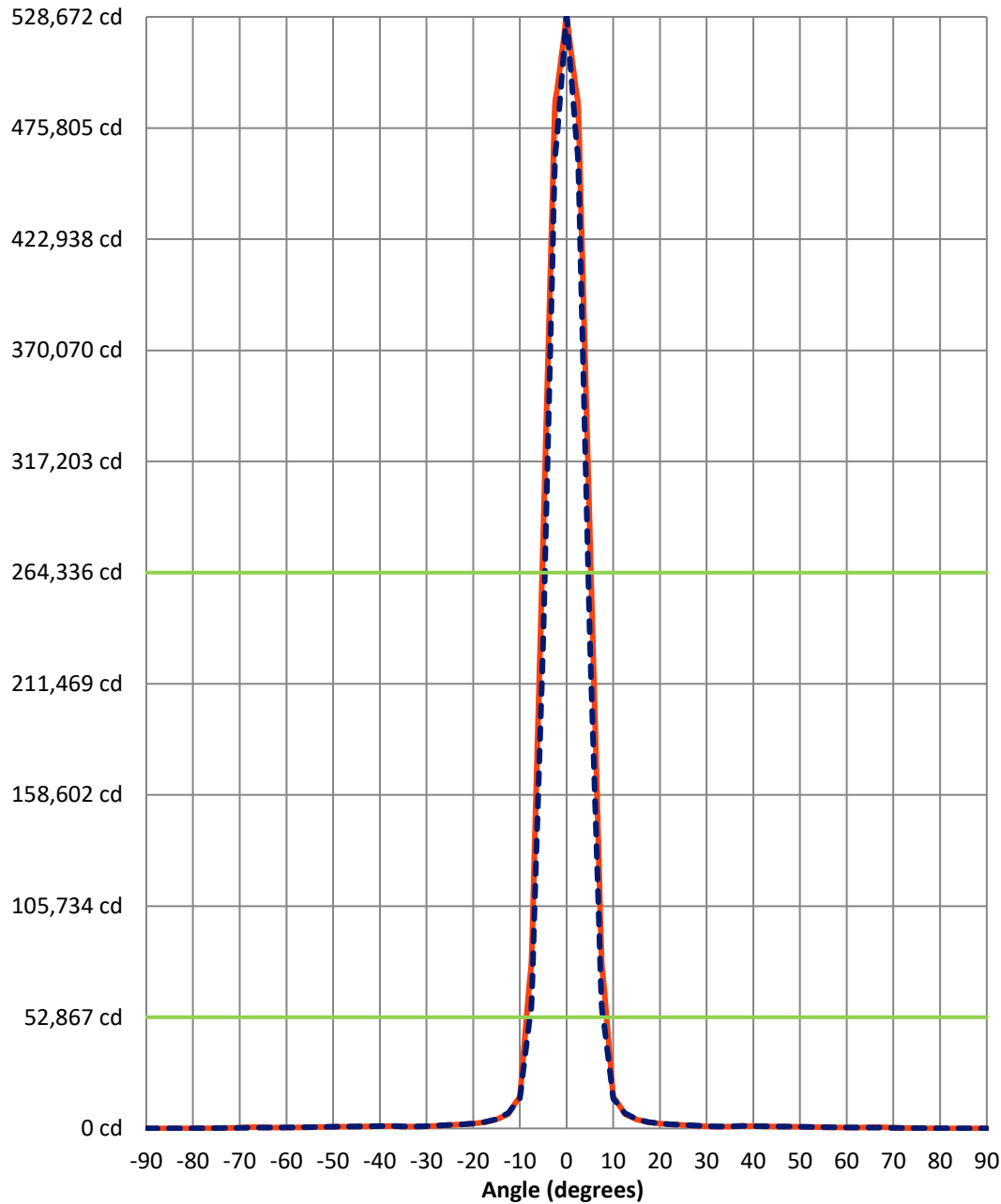
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 9.3°
V Angle: 10.4°
Lumens: 8824.2
Efficiency: 42.9%

Field:
H Angle: 15.7°
V Angle: 17.1°
Lumens: 15208.4
Efficiency: 73.9%

Spill:
Lumens: 5379.2
Efficiency: 26.1%

- 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	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.5
85°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
82.5°	0.0	0.8	1.6	2.3	3.1	3.9	4.6	5.4	6.0	6.0	6.0
80°	0.0	1.0	2.1	3.1	4.1	5.2	6.0	6.0	6.0	6.0	6.0
77.5°	0.0	1.3	2.6	3.9	5.2	6.0	6.0	6.0	6.0	6.0	6.6
75°	0.0	1.6	3.1	4.6	6.0	6.0	6.0	6.0	6.2	7.9	9.2
72.5°	0.0	1.8	3.6	5.4	6.0	6.0	6.0	6.6	8.8	10.5	11.8
70°	0.0	2.1	4.1	6.0	6.0	6.0	6.3	9.1	11.4	13.2	16.5
67.5°	0.0	2.3	4.6	6.0	6.0	6.0	8.6	11.5	14.0	18.1	21.6
65°	0.0	2.5	5.1	6.0	6.0	7.0	10.8	14.0	18.6	23.0	27.6
62.5°	0.0	2.8	5.5	6.0	6.0	9.0	13.1	17.7	23.2	28.5	35.4
60°	0.0	3.0	6.0	6.0	6.0	11.0	15.3	21.8	27.7	36.0	43.3
57.5°	0.0	3.2	6.0	6.0	7.6	12.9	19.2	26.0	34.2	43.5	52.4
55°	0.0	3.4	6.1	6.0	9.2	14.9	23.4	30.4	41.2	51.5	62.2
52.5°	0.0	3.7	6.1	6.0	10.7	17.1	27.6	37.2	48.3	60.9	72.1
50°	0.0	3.9	6.2	6.0	12.3	20.9	32.0	44.4	55.8	70.3	84.2
47.5°	0.0	4.1	6.3	6.3	13.8	24.7	36.7	51.9	64.4	79.8	96.9
45°	0.0	4.2	6.4	7.4	15.3	28.5	43.4	59.6	74.7	91.8	110.0
42.5°	0.0	4.4	6.5	8.5	16.8	32.3	50.2	68.4	85.5	104.0	125.6
40°	0.0	4.6	6.6	9.6	19.0	36.2	57.2	78.1	97.3	116.8	142.0
37.5°	0.0	4.8	6.7	10.6	22.0	40.0	64.1	88.0	110.8	133.0	159.0
35°	0.0	4.9	6.8	11.5	24.9	45.0	71.2	98.0	124.4	151.6	175.4
32.5°	0.0	5.1	7.0	12.3	27.7	50.5	78.6	108.2	138.1	170.9	196.0
30°	0.0	5.2	7.1	13.0	30.4	55.9	86.7	118.8	152.0	190.9	219.3
27.5°	0.0	5.3	7.2	13.6	32.2	61.2	94.9	130.2	167.0	211.4	245.0
25°	0.0	5.4	7.4	14.1	33.6	66.3	102.9	141.4	183.8	232.8	272.6
22.5°	0.0	5.5	7.6	14.6	34.7	70.4	110.7	152.4	200.7	255.3	296.1
20°	0.0	5.6	7.7	14.9	35.5	71.9	118.3	163.2	217.4	278.8	319.2
17.5°	0.0	5.7	7.9	15.1	36.0	72.8	122.3	173.7	233.9	302.9	341.9
15°	0.0	5.8	8.1	15.3	36.2	73.2	123.8	181.1	250.0	327.3	364.1
12.5°	0.0	5.9	8.2	15.4	36.2	73.2	124.7	185.0	260.4	351.7	385.9
10°	0.0	5.9	8.4	15.4	36.0	72.6	125.0	188.5	265.7	361.1	401.3
7.5°	0.0	5.9	8.6	15.4	35.6	71.6	124.7	191.4	269.6	366.7	404.0
5°	0.0	6.0	8.7	15.3	34.9	70.2	123.9	193.6	272.3	370.6	406.2
2.5°	0.0	6.0	8.9	15.2	34.1	68.4	122.4	195.0	273.6	372.6	407.9
0°	0.0	6.0	9.0	15.0	33.1	66.2	120.3	195.5	273.7	372.9	409.0
-2.5°	0.0	6.0	8.9	15.2	34.1	68.4	122.4	195.0	273.6	372.6	407.9
-5°	0.0	6.0	8.7	15.3	34.9	70.2	123.9	193.6	272.3	370.6	406.2
-7.5°	0.0	5.9	8.6	15.4	35.6	71.6	124.7	191.4	269.6	366.7	404.0
-10°	0.0	5.9	8.4	15.4	36.0	72.6	125.0	188.5	265.7	361.1	401.3
-12.5°	0.0	5.9	8.2	15.4	36.2	73.2	124.7	185.0	260.4	351.7	385.9
-15°	0.0	5.8	8.1	15.3	36.2	73.2	123.8	181.1	250.0	327.3	364.1
-17.5°	0.0	5.7	7.9	15.1	36.0	72.8	122.3	173.7	233.9	302.9	341.9
-20°	0.0	5.6	7.7	14.9	35.5	71.9	118.3	163.2	217.4	278.8	319.2



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 CATALOG NUMBER: GFLD-SA6E-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.5	7.6	14.6	34.7	70.4	110.7	152.4	200.7	255.3	296.1
-25°	0.0	5.4	7.4	14.1	33.6	66.3	102.9	141.4	183.8	232.8	272.6
-27.5°	0.0	5.3	7.2	13.6	32.2	61.2	94.9	130.2	167.0	211.4	245.0
-30°	0.0	5.2	7.1	13.0	30.4	55.9	86.7	118.8	152.0	190.9	219.3
-32.5°	0.0	5.1	7.0	12.3	27.7	50.5	78.6	108.2	138.1	170.9	196.0
-35°	0.0	4.9	6.8	11.5	24.9	45.0	71.2	98.0	124.4	151.6	175.4
-37.5°	0.0	4.8	6.7	10.6	22.0	40.0	64.1	88.0	110.8	133.0	159.0
-40°	0.0	4.6	6.6	9.6	19.0	36.2	57.2	78.1	97.3	116.8	142.0
-42.5°	0.0	4.4	6.5	8.5	16.8	32.3	50.2	68.4	85.5	104.0	125.6
-45°	0.0	4.2	6.4	7.4	15.3	28.5	43.4	59.6	74.7	91.8	110.0
-47.5°	0.0	4.1	6.3	6.3	13.8	24.7	36.7	51.9	64.4	79.8	96.9
-50°	0.0	3.9	6.2	6.0	12.3	20.9	32.0	44.4	55.8	70.3	84.2
-52.5°	0.0	3.7	6.1	6.0	10.7	17.1	27.6	37.2	48.3	60.9	72.1
-55°	0.0	3.4	6.1	6.0	9.2	14.9	23.4	30.4	41.2	51.5	62.2
-57.5°	0.0	3.2	6.0	6.0	7.6	12.9	19.2	26.0	34.2	43.5	52.4
-60°	0.0	3.0	6.0	6.0	6.0	11.0	15.3	21.8	27.7	36.0	43.3
-62.5°	0.0	2.8	5.5	6.0	6.0	9.0	13.1	17.7	23.2	28.5	35.4
-65°	0.0	2.5	5.1	6.0	6.0	7.0	10.8	14.0	18.6	23.0	27.6
-67.5°	0.0	2.3	4.6	6.0	6.0	6.0	8.6	11.5	14.0	18.1	21.6
-70°	0.0	2.1	4.1	6.0	6.0	6.0	6.3	9.1	11.4	13.2	16.5
-72.5°	0.0	1.8	3.6	5.4	6.0	6.0	6.0	6.6	8.8	10.5	11.8
-75°	0.0	1.6	3.1	4.6	6.0	6.0	6.0	6.0	6.2	7.9	9.2
-77.5°	0.0	1.3	2.6	3.9	5.2	6.0	6.0	6.0	6.0	6.0	6.6
-80°	0.0	1.0	2.1	3.1	4.1	5.2	6.0	6.0	6.0	6.0	6.0
-82.5°	0.0	0.8	1.6	2.3	3.1	3.9	4.6	5.4	6.0	6.0	6.0
-85°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
-87.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	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-SA6E-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.4	2.3	2.0	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4
85°	4.9	4.5	3.9	3.5	3.6	3.9	4.1	4.2	4.4	4.6	4.8
82.5°	5.6	5.3	5.1	5.2	5.5	5.8	6.1	6.7	7.3	7.8	8.3
80°	5.9	6.0	6.8	7.7	8.6	9.4	10.2	10.9	11.7	12.8	14.4
77.5°	7.8	8.9	10.0	11.1	12.4	14.7	16.7	18.4	20.5	23.0	25.5
75°	10.5	11.8	14.8	18.1	21.2	23.5	25.7	29.0	33.0	37.4	41.6
72.5°	14.4	18.1	22.1	26.3	31.3	35.6	39.7	43.6	50.1	57.2	62.5
70°	19.9	24.3	30.5	37.4	43.8	49.4	57.6	67.4	77.3	82.4	85.3
67.5°	25.6	32.8	40.4	48.5	57.6	66.9	78.3	88.9	99.0	103.1	106.8
65°	33.2	41.4	50.7	60.8	71.2	82.4	94.0	105.9	116.4	121.8	127.9
62.5°	41.0	50.7	61.5	72.8	84.2	96.4	110.5	122.4	131.4	142.3	155.0
60°	50.4	60.1	72.3	84.8	98.0	115.0	129.1	142.3	154.5	166.9	186.0
57.5°	60.3	69.7	83.2	98.0	116.1	135.5	151.6	165.9	182.7	200.3	219.6
55°	71.0	79.5	94.8	113.0	133.9	156.9	175.7	195.3	214.7	230.4	247.5
52.5°	83.4	91.1	107.1	128.1	152.3	178.1	203.2	223.6	241.7	258.9	278.3
50°	96.3	106.0	119.1	144.3	171.2	200.5	228.9	249.4	269.9	290.2	312.1
47.5°	111.3	122.2	133.2	160.4	190.9	220.8	250.3	276.5	299.2	326.3	351.3
45°	127.6	140.4	152.2	177.5	208.8	239.3	272.0	303.6	335.5	367.4	407.5
42.5°	144.9	158.9	173.9	193.5	224.8	258.6	293.7	335.7	376.1	420.6	472.6
40°	161.7	177.2	195.2	212.9	240.7	278.3	321.0	368.1	425.1	482.8	545.7
37.5°	178.2	196.1	215.3	233.7	258.2	300.6	347.7	407.8	476.5	549.3	629.4
35°	194.2	214.1	233.8	255.4	282.9	324.0	382.2	450.4	532.8	624.8	698.0
32.5°	210.0	231.3	251.3	277.4	311.3	353.4	415.4	501.2	596.3	689.6	738.6
30°	229.8	246.9	268.7	298.1	339.1	392.7	460.0	552.5	660.6	724.3	769.9
27.5°	256.1	262.3	287.0	321.4	367.5	431.4	514.9	611.1	700.6	756.5	797.3
25°	282.1	288.5	304.0	344.8	401.8	477.1	570.9	680.6	733.7	780.9	828.1
22.5°	306.9	313.6	333.2	366.9	435.0	523.6	632.7	728.7	779.3	809.3	860.5
20°	330.2	340.6	364.7	403.7	469.0	567.7	692.6	773.3	821.4	857.5	904.7
17.5°	352.7	367.0	396.6	444.0	516.8	617.1	747.1	817.7	864.7	899.6	958.0
15°	374.4	392.7	427.2	481.6	561.3	670.1	783.4	854.1	904.7	939.0	1007.3
12.5°	395.5	417.7	456.5	516.7	601.5	716.3	814.3	877.6	928.1	980.6	1051.1
10°	415.9	442.0	484.4	549.1	637.4	756.2	840.1	896.5	946.9	1013.7	1087.3
7.5°	419.0	454.2	507.2	579.0	669.2	789.9	861.2	911.2	966.0	1044.1	1120.1
5°	419.1	453.2	509.0	586.8	684.4	809.8	876.1	922.4	984.4	1071.1	1149.3
2.5°	418.7	451.2	509.4	589.3	688.2	811.8	878.3	925.3	994.9	1097.6	1176.2
0°	418.0	448.1	508.3	589.5	688.7	809.0	878.2	926.3	1001.5	1121.8	1200.0
-2.5°	418.7	451.2	509.4	589.3	688.2	811.8	878.3	925.3	994.9	1097.6	1176.2
-5°	419.1	453.2	509.0	586.8	684.4	809.8	876.1	922.4	984.4	1071.1	1149.3
-7.5°	419.0	454.2	507.2	579.0	669.2	789.9	861.2	911.2	966.0	1044.1	1120.1
-10°	415.9	442.0	484.4	549.1	637.4	756.2	840.1	896.5	946.9	1013.7	1087.3
-12.5°	395.5	417.7	456.5	516.7	601.5	716.3	814.3	877.6	928.1	980.6	1051.1
-15°	374.4	392.7	427.2	481.6	561.3	670.1	783.4	854.1	904.7	939.0	1007.3
-17.5°	352.7	367.0	396.6	444.0	516.8	617.1	747.1	817.7	864.7	899.6	958.0
-20°	330.2	340.6	364.7	403.7	469.0	567.7	692.6	773.3	821.4	857.5	904.7



REPORT NUMBER: P559241 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	306.9	313.6	333.2	366.9	435.0	523.6	632.7	728.7	779.3	809.3	860.5
-25°	282.1	288.5	304.0	344.8	401.8	477.1	570.9	680.6	733.7	780.9	828.1
-27.5°	256.1	262.3	287.0	321.4	367.5	431.4	514.9	611.1	700.6	756.5	797.3
-30°	229.8	246.9	268.7	298.1	339.1	392.7	460.0	552.5	660.6	724.3	769.9
-32.5°	210.0	231.3	251.3	277.4	311.3	353.4	415.4	501.2	596.3	689.6	738.6
-35°	194.2	214.1	233.8	255.4	282.9	324.0	382.2	450.4	532.8	624.8	698.0
-37.5°	178.2	196.1	215.3	233.7	258.2	300.6	347.7	407.8	476.5	549.3	629.4
-40°	161.7	177.2	195.2	212.9	240.7	278.3	321.0	368.1	425.1	482.8	545.7
-42.5°	144.9	158.9	173.9	193.5	224.8	258.6	293.7	335.7	376.1	420.6	472.6
-45°	127.6	140.4	152.2	177.5	208.8	239.3	272.0	303.6	335.5	367.4	407.5
-47.5°	111.3	122.2	133.2	160.4	190.9	220.8	250.3	276.5	299.2	326.3	351.3
-50°	96.3	106.0	119.1	144.3	171.2	200.5	228.9	249.4	269.9	290.2	312.1
-52.5°	83.4	91.1	107.1	128.1	152.3	178.1	203.2	223.6	241.7	258.9	278.3
-55°	71.0	79.5	94.8	113.0	133.9	156.9	175.7	195.3	214.7	230.4	247.5
-57.5°	60.3	69.7	83.2	98.0	116.1	135.5	151.6	165.9	182.7	200.3	219.6
-60°	50.4	60.1	72.3	84.8	98.0	115.0	129.1	142.3	154.5	166.9	186.0
-62.5°	41.0	50.7	61.5	72.8	84.2	96.4	110.5	122.4	131.4	142.3	155.0
-65°	33.2	41.4	50.7	60.8	71.2	82.4	94.0	105.9	116.4	121.8	127.9
-67.5°	25.6	32.8	40.4	48.5	57.6	66.9	78.3	88.9	99.0	103.1	106.8
-70°	19.9	24.3	30.5	37.4	43.8	49.4	57.6	67.4	77.3	82.4	85.3
-72.5°	14.4	18.1	22.1	26.3	31.3	35.6	39.7	43.6	50.1	57.2	62.5
-75°	10.5	11.8	14.8	18.1	21.2	23.5	25.7	29.0	33.0	37.4	41.6
-77.5°	7.8	8.9	10.0	11.1	12.4	14.7	16.7	18.4	20.5	23.0	25.5
-80°	5.9	6.0	6.8	7.7	8.6	9.4	10.2	10.9	11.7	12.8	14.4
-82.5°	5.6	5.3	5.1	5.2	5.5	5.8	6.1	6.7	7.3	7.8	8.3
-85°	4.9	4.5	3.9	3.5	3.6	3.9	4.1	4.2	4.4	4.6	4.8
-87.5°	2.4	2.3	2.0	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4
-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: P559241 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-U-TSB-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°	2.5	2.5	2.6	2.7	2.7	2.8	2.8	2.9	2.9	2.9	3.0
85°	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.9
82.5°	8.7	9.2	9.6	10.0	10.3	10.6	10.9	11.2	11.4	11.6	11.7
80°	16.1	17.3	18.3	19.1	19.6	21.7	24.4	27.1	30.0	31.1	31.8
77.5°	28.7	30.8	32.1	33.1	33.8	38.5	44.5	50.8	57.3	60.7	63.5
75°	45.6	48.2	49.8	50.9	51.7	58.9	69.5	80.7	92.3	98.4	102.7
72.5°	66.0	68.1	69.8	71.2	72.1	82.7	101.9	122.9	145.1	158.7	168.6
70°	88.0	90.3	92.3	93.9	95.1	107.9	135.8	165.0	195.2	225.5	257.6
67.5°	111.2	116.2	118.8	120.4	121.9	132.8	162.6	190.0	215.5	270.1	356.2
65°	136.6	148.2	153.0	155.7	156.8	161.7	187.2	210.2	230.8	273.4	339.1
62.5°	168.9	184.2	191.3	194.4	196.2	196.5	217.3	236.6	254.2	280.8	322.6
60°	203.8	220.3	229.0	231.4	232.9	233.5	250.1	269.1	286.8	308.4	347.4
57.5°	235.7	251.2	264.0	269.1	273.1	275.9	290.5	312.8	333.7	355.4	397.3
55°	266.1	284.9	302.7	312.5	321.7	329.8	344.2	372.4	399.3	424.7	468.2
52.5°	299.4	323.4	347.1	364.9	382.4	397.7	413.1	449.7	485.6	519.4	561.7
50°	339.0	368.7	403.3	432.5	457.5	482.2	504.3	547.6	596.2	642.4	686.8
47.5°	389.2	428.4	472.6	514.2	548.2	586.5	621.1	665.6	708.6	751.5	788.3
45°	450.9	505.2	556.2	611.4	659.8	685.1	705.2	732.9	777.1	819.3	853.6
42.5°	529.9	593.0	655.8	696.8	728.0	748.5	763.1	777.7	824.0	864.8	898.0
40°	617.7	681.0	719.7	753.4	775.0	793.3	816.2	838.7	875.1	916.9	953.9
37.5°	693.7	734.4	768.5	794.8	820.9	845.2	878.3	910.8	945.4	992.2	1026.6
35°	740.7	776.3	810.9	844.0	877.4	914.9	956.1	1003.9	1046.3	1007.8	952.1
32.5°	776.4	813.0	854.8	905.9	952.0	1003.0	1054.7	971.6	886.4	853.1	859.9
30°	807.5	850.0	907.6	974.3	1038.3	1015.4	901.8	862.1	873.9	897.2	942.2
27.5°	840.8	893.9	963.9	1046.0	995.6	869.9	876.5	899.5	977.4	1043.5	1143.8
25°	880.2	944.3	1031.2	993.3	878.0	889.9	948.2	1036.1	1184.5	1322.9	1443.9
22.5°	927.8	1009.4	1020.8	878.1	893.8	970.0	1088.2	1278.7	1459.0	1626.2	1751.0
20°	976.1	1070.2	925.5	895.3	962.3	1098.3	1317.9	1536.6	1737.8	1887.4	2012.3
17.5°	1033.9	1000.7	898.3	930.4	1065.8	1300.8	1548.0	1779.8	1969.5	2228.1	2448.2
15°	1084.6	933.8	914.8	1020.7	1224.3	1488.8	1757.4	1965.6	2308.4	2678.9	3053.7
12.5°	1055.5	910.0	944.2	1101.0	1368.8	1654.6	1892.1	2221.7	2675.2	3216.4	4029.8
10°	1012.5	923.4	1006.9	1212.2	1492.4	1770.9	2017.6	2449.6	3048.2	4042.2	5322.9
7.5°	979.2	929.1	1048.4	1297.6	1584.3	1841.1	2170.0	2693.8	3528.1	4891.9	7618.7
5°	954.0	928.9	1067.4	1346.9	1638.9	1889.6	2264.0	2871.4	3998.4	5941.6	10601.1
2.5°	942.9	924.0	1072.7	1373.5	1665.5	1916.6	2322.4	2999.0	4295.3	6916.7	13939.9
0°	950.4	914.3	1070.7	1383.5	1681.2	1912.8	2330.8	3037.6	4384.9	7276.7	14387.9
-2.5°	942.9	924.0	1072.7	1373.5	1665.5	1916.6	2322.4	2999.0	4295.3	6916.7	13939.9
-5°	954.0	928.9	1067.4	1346.9	1638.9	1889.6	2264.0	2871.4	3998.4	5941.6	10601.1
-7.5°	979.2	929.1	1048.4	1297.6	1584.3	1841.1	2170.0	2693.8	3528.1	4891.9	7618.7
-10°	1012.5	923.4	1006.9	1212.2	1492.4	1770.9	2017.6	2449.6	3048.2	4042.2	5322.9
-12.5°	1055.5	910.0	944.2	1101.0	1368.8	1654.6	1892.1	2221.7	2675.2	3216.4	4029.8
-15°	1084.6	933.8	914.8	1020.7	1224.3	1488.8	1757.4	1965.6	2308.4	2678.9	3053.7
-17.5°	1033.9	1000.7	898.3	930.4	1065.8	1300.8	1548.0	1779.8	1969.5	2228.1	2448.2
-20°	976.1	1070.2	925.5	895.3	962.3	1098.3	1317.9	1536.6	1737.8	1887.4	2012.3



REPORT NUMBER: P559241 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	927.8	1009.4	1020.8	878.1	893.8	970.0	1088.2	1278.7	1459.0	1626.2	1751.0
-25°	880.2	944.3	1031.2	993.3	878.0	889.9	948.2	1036.1	1184.5	1322.9	1443.9
-27.5°	840.8	893.9	963.9	1046.0	995.6	869.9	876.5	899.5	977.4	1043.5	1143.8
-30°	807.5	850.0	907.6	974.3	1038.3	1015.4	901.8	862.1	873.9	897.2	942.2
-32.5°	776.4	813.0	854.8	905.9	952.0	1003.0	1054.7	971.6	886.4	853.1	859.9
-35°	740.7	776.3	810.9	844.0	877.4	914.9	956.1	1003.9	1046.3	1007.8	952.1
-37.5°	693.7	734.4	768.5	794.8	820.9	845.2	878.3	910.8	945.4	992.2	1026.6
-40°	617.7	681.0	719.7	753.4	775.0	793.3	816.2	838.7	875.1	916.9	953.9
-42.5°	529.9	593.0	655.8	696.8	728.0	748.5	763.1	777.7	824.0	864.8	898.0
-45°	450.9	505.2	556.2	611.4	659.8	685.1	705.2	732.9	777.1	819.3	853.6
-47.5°	389.2	428.4	472.6	514.2	548.2	586.5	621.1	665.6	708.6	751.5	788.3
-50°	339.0	368.7	403.3	432.5	457.5	482.2	504.3	547.6	596.2	642.4	686.8
-52.5°	299.4	323.4	347.1	364.9	382.4	397.7	413.1	449.7	485.6	519.4	561.7
-55°	266.1	284.9	302.7	312.5	321.7	329.8	344.2	372.4	399.3	424.7	468.2
-57.5°	235.7	251.2	264.0	269.1	273.1	275.9	290.5	312.8	333.7	355.4	397.3
-60°	203.8	220.3	229.0	231.4	232.9	233.5	250.1	269.1	286.8	308.4	347.4
-62.5°	168.9	184.2	191.3	194.4	196.2	196.5	217.3	236.6	254.2	280.8	322.6
-65°	136.6	148.2	153.0	155.7	156.8	161.7	187.2	210.2	230.8	273.4	339.1
-67.5°	111.2	116.2	118.8	120.4	121.9	132.8	162.6	190.0	215.5	270.1	356.2
-70°	88.0	90.3	92.3	93.9	95.1	107.9	135.8	165.0	195.2	225.5	257.6
-72.5°	66.0	68.1	69.8	71.2	72.1	82.7	101.9	122.9	145.1	158.7	168.6
-75°	45.6	48.2	49.8	50.9	51.7	58.9	69.5	80.7	92.3	98.4	102.7
-77.5°	28.7	30.8	32.1	33.1	33.8	38.5	44.5	50.8	57.3	60.7	63.5
-80°	16.1	17.3	18.3	19.1	19.6	21.7	24.4	27.1	30.0	31.1	31.8
-82.5°	8.7	9.2	9.6	10.0	10.3	10.6	10.9	11.2	11.4	11.6	11.7
-85°	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.9
-87.5°	2.5	2.5	2.6	2.7	2.7	2.8	2.8	2.9	2.9	2.9	3.0
-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: P559241 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-U-TSB-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°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9
85°	5.9	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.8	5.7
82.5°	11.8	11.9	12.0	12.0	12.0	11.9	11.8	11.7	11.6	11.4	11.2
80°	32.4	32.8	31.5	30.1	31.5	32.8	32.4	31.8	31.1	30.0	27.1
77.5°	66.1	68.4	66.1	63.2	66.1	68.4	66.1	63.5	60.7	57.3	50.8
75°	106.6	110.2	108.2	105.3	108.2	110.2	106.6	102.7	98.4	92.3	80.7
72.5°	178.0	186.8	184.7	180.5	184.7	186.8	178.0	168.6	158.7	145.1	122.9
70°	291.4	325.7	324.3	315.8	324.3	325.7	291.4	257.6	225.5	195.2	165.0
67.5°	449.4	546.3	577.2	592.5	577.2	546.3	449.4	356.2	270.1	215.5	190.0
65°	400.2	458.8	482.0	499.2	482.0	458.8	400.2	339.1	273.4	230.8	210.2
62.5°	360.0	394.7	402.2	403.0	402.2	394.7	360.0	322.6	280.8	254.2	236.6
60°	385.3	422.2	427.7	421.1	427.7	422.2	385.3	347.4	308.4	286.8	269.1
57.5°	437.5	476.2	483.3	475.2	483.3	476.2	437.5	397.3	355.4	333.7	312.8
55°	509.9	548.9	561.9	559.4	561.9	548.9	509.9	468.2	424.7	399.3	372.4
52.5°	602.1	638.1	653.0	652.6	653.0	638.1	602.1	561.7	519.4	485.6	449.7
50°	725.5	757.7	773.7	775.9	773.7	757.7	725.5	686.8	642.4	596.2	547.6
47.5°	814.5	835.6	846.7	848.1	846.7	835.6	814.5	788.3	751.5	708.6	665.6
45°	869.0	880.3	888.9	896.2	888.9	880.3	869.0	853.6	819.3	777.1	732.9
42.5°	920.2	943.9	961.4	965.4	961.4	943.9	920.2	898.0	864.8	824.0	777.7
40°	988.9	1021.6	1052.9	1085.7	1052.9	1021.6	988.9	953.9	916.9	875.1	838.7
37.5°	1062.3	1098.7	1128.9	1145.9	1128.9	1098.7	1062.3	1026.6	992.2	945.4	910.8
35°	912.9	889.0	874.8	869.2	874.8	889.0	912.9	952.1	1007.8	1046.3	1003.9
32.5°	864.0	865.7	862.9	857.1	862.9	865.7	864.0	859.9	853.1	886.4	971.6
30°	975.6	991.4	993.4	992.5	993.4	991.4	975.6	942.2	897.2	873.9	862.1
27.5°	1218.0	1258.6	1271.2	1296.2	1271.2	1258.6	1218.0	1143.8	1043.5	977.4	899.5
25°	1537.5	1598.8	1628.3	1639.1	1628.3	1598.8	1537.5	1443.9	1322.9	1184.5	1036.1
22.5°	1821.5	1868.3	1895.7	1918.8	1895.7	1868.3	1821.5	1751.0	1626.2	1459.0	1278.7
20°	2158.1	2243.6	2282.7	2285.7	2282.7	2243.6	2158.1	2012.3	1887.4	1737.8	1536.6
17.5°	2683.5	2850.0	2933.0	2956.4	2933.0	2850.0	2683.5	2448.2	2228.1	1969.5	1779.8
15°	3512.6	3937.1	4155.4	4258.6	4155.4	3937.1	3512.6	3053.7	2678.9	2308.4	1965.6
12.5°	4864.9	5822.0	6595.9	6887.2	6595.9	5822.0	4864.9	4029.8	3216.4	2675.2	2221.7
10°	7544.3	10402.5	13741.5	15299.2	13741.5	10402.5	7544.3	5322.9	4042.2	3048.2	2449.6
7.5°	14595.2	33887.4	65679.4	80844.9	65679.4	33887.4	14595.2	7618.7	4891.9	3528.1	2693.8
5°	31110.0	134261.2	240445.1	282423.2	240445.1	134261.2	31110.0	10601.1	5941.6	3998.4	2871.4
2.5°	49551.6	220205.9	415493.2	485833.1	415493.2	220205.9	49551.6	13939.9	6916.7	4295.3	2999.0
0°	59204.3	232056.4	458487.4	528672.1	458487.4	232056.4	59204.3	14387.9	7276.7	4384.9	3037.6
-2.5°	49551.6	220205.9	415493.2	485833.1	415493.2	220205.9	49551.6	13939.9	6916.7	4295.3	2999.0
-5°	31110.0	134261.2	240445.1	282423.2	240445.1	134261.2	31110.0	10601.1	5941.6	3998.4	2871.4
-7.5°	14595.2	33887.4	65679.4	80844.9	65679.4	33887.4	14595.2	7618.7	4891.9	3528.1	2693.8
-10°	7544.3	10402.5	13741.5	15299.2	13741.5	10402.5	7544.3	5322.9	4042.2	3048.2	2449.6
-12.5°	4864.9	5822.0	6595.9	6887.2	6595.9	5822.0	4864.9	4029.8	3216.4	2675.2	2221.7
-15°	3512.6	3937.1	4155.4	4258.6	4155.4	3937.1	3512.6	3053.7	2678.9	2308.4	1965.6
-17.5°	2683.5	2850.0	2933.0	2956.4	2933.0	2850.0	2683.5	2448.2	2228.1	1969.5	1779.8
-20°	2158.1	2243.6	2282.7	2285.7	2282.7	2243.6	2158.1	2012.3	1887.4	1737.8	1536.6



REPORT NUMBER: P559241 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1821.5	1868.3	1895.7	1918.8	1895.7	1868.3	1821.5	1751.0	1626.2	1459.0	1278.7
-25°	1537.5	1598.8	1628.3	1639.1	1628.3	1598.8	1537.5	1443.9	1322.9	1184.5	1036.1
-27.5°	1218.0	1258.6	1271.2	1296.2	1271.2	1258.6	1218.0	1143.8	1043.5	977.4	899.5
-30°	975.6	991.4	993.4	992.5	993.4	991.4	975.6	942.2	897.2	873.9	862.1
-32.5°	864.0	865.7	862.9	857.1	862.9	865.7	864.0	859.9	853.1	886.4	971.6
-35°	912.9	889.0	874.8	869.2	874.8	889.0	912.9	952.1	1007.8	1046.3	1003.9
-37.5°	1062.3	1098.7	1128.9	1145.9	1128.9	1098.7	1062.3	1026.6	992.2	945.4	910.8
-40°	988.9	1021.6	1052.9	1085.7	1052.9	1021.6	988.9	953.9	916.9	875.1	838.7
-42.5°	920.2	943.9	961.4	965.4	961.4	943.9	920.2	898.0	864.8	824.0	777.7
-45°	869.0	880.3	888.9	896.2	888.9	880.3	869.0	853.6	819.3	777.1	732.9
-47.5°	814.5	835.6	846.7	848.1	846.7	835.6	814.5	788.3	751.5	708.6	665.6
-50°	725.5	757.7	773.7	775.9	773.7	757.7	725.5	686.8	642.4	596.2	547.6
-52.5°	602.1	638.1	653.0	652.6	653.0	638.1	602.1	561.7	519.4	485.6	449.7
-55°	509.9	548.9	561.9	559.4	561.9	548.9	509.9	468.2	424.7	399.3	372.4
-57.5°	437.5	476.2	483.3	475.2	483.3	476.2	437.5	397.3	355.4	333.7	312.8
-60°	385.3	422.2	427.7	421.1	427.7	422.2	385.3	347.4	308.4	286.8	269.1
-62.5°	360.0	394.7	402.2	403.0	402.2	394.7	360.0	322.6	280.8	254.2	236.6
-65°	400.2	458.8	482.0	499.2	482.0	458.8	400.2	339.1	273.4	230.8	210.2
-67.5°	449.4	546.3	577.2	592.5	577.2	546.3	449.4	356.2	270.1	215.5	190.0
-70°	291.4	325.7	324.3	315.8	324.3	325.7	291.4	257.6	225.5	195.2	165.0
-72.5°	178.0	186.8	184.7	180.5	184.7	186.8	178.0	168.6	158.7	145.1	122.9
-75°	106.6	110.2	108.2	105.3	108.2	110.2	106.6	102.7	98.4	92.3	80.7
-77.5°	66.1	68.4	66.1	63.2	66.1	68.4	66.1	63.5	60.7	57.3	50.8
-80°	32.4	32.8	31.5	30.1	31.5	32.8	32.4	31.8	31.1	30.0	27.1
-82.5°	11.8	11.9	12.0	12.0	12.0	11.9	11.8	11.7	11.6	11.4	11.2
-85°	5.9	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.8	5.7
-87.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9
-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: P559241 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
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°	2.8	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.3	2.2	2.1
85°	5.6	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.6	4.4	4.2
82.5°	10.9	10.6	10.3	10.0	9.6	9.2	8.7	8.3	7.8	7.3	6.7
80°	24.4	21.7	19.6	19.1	18.3	17.3	16.1	14.4	12.8	11.7	10.9
77.5°	44.5	38.5	33.8	33.1	32.1	30.8	28.7	25.5	23.0	20.5	18.4
75°	69.5	58.9	51.7	50.9	49.8	48.2	45.6	41.6	37.4	33.0	29.0
72.5°	101.9	82.7	72.1	71.2	69.8	68.1	66.0	62.5	57.2	50.1	43.6
70°	135.8	107.9	95.1	93.9	92.3	90.3	88.0	85.3	82.4	77.3	67.4
67.5°	162.6	132.8	121.9	120.4	118.8	116.2	111.2	106.8	103.1	99.0	88.9
65°	187.2	161.7	156.8	155.7	153.0	148.2	136.6	127.9	121.8	116.4	105.9
62.5°	217.3	196.5	196.2	194.4	191.3	184.2	168.9	155.0	142.3	131.4	122.4
60°	250.1	233.5	232.9	231.4	229.0	220.3	203.8	186.0	166.9	154.5	142.3
57.5°	290.5	275.9	273.1	269.1	264.0	251.2	235.7	219.6	200.3	182.7	165.9
55°	344.2	329.8	321.7	312.5	302.7	284.9	266.1	247.5	230.4	214.7	195.3
52.5°	413.1	397.7	382.4	364.9	347.1	323.4	299.4	278.3	258.9	241.7	223.6
50°	504.3	482.2	457.5	432.5	403.3	368.7	339.0	312.1	290.2	269.9	249.4
47.5°	621.1	586.5	548.2	514.2	472.6	428.4	389.2	351.3	326.3	299.2	276.5
45°	705.2	685.1	659.8	611.4	556.2	505.2	450.9	407.5	367.4	335.5	303.6
42.5°	763.1	748.5	728.0	696.8	655.8	593.0	529.9	472.6	420.6	376.1	335.7
40°	816.2	793.3	775.0	753.4	719.7	681.0	617.7	545.7	482.8	425.1	368.1
37.5°	878.3	845.2	820.9	794.8	768.5	734.4	693.7	629.4	549.3	476.5	407.8
35°	956.1	914.9	877.4	844.0	810.9	776.3	740.7	698.0	624.8	532.8	450.4
32.5°	1054.7	1003.0	952.0	905.9	854.8	813.0	776.4	738.6	689.6	596.3	501.2
30°	901.8	1015.4	1038.3	974.3	907.6	850.0	807.5	769.9	724.3	660.6	552.5
27.5°	876.5	869.9	995.6	1046.0	963.9	893.9	840.8	797.3	756.5	700.6	611.1
25°	948.2	889.9	878.0	993.3	1031.2	944.3	880.2	828.1	780.9	733.7	680.6
22.5°	1088.2	970.0	893.8	878.1	1020.8	1009.4	927.8	860.5	809.3	779.3	728.7
20°	1317.9	1098.3	962.3	895.3	925.5	1070.2	976.1	904.7	857.5	821.4	773.3
17.5°	1548.0	1300.8	1065.8	930.4	898.3	1000.7	1033.9	958.0	899.6	864.7	817.7
15°	1757.4	1488.8	1224.3	1020.7	914.8	933.8	1084.6	1007.3	939.0	904.7	854.1
12.5°	1892.1	1654.6	1368.8	1101.0	944.2	910.0	1055.5	1051.1	980.6	928.1	877.6
10°	2017.6	1770.9	1492.4	1212.2	1006.9	923.4	1012.5	1087.3	1013.7	946.9	896.5
7.5°	2170.0	1841.1	1584.3	1297.6	1048.4	929.1	979.2	1120.1	1044.1	966.0	911.2
5°	2264.0	1889.6	1638.9	1346.9	1067.4	928.9	954.0	1149.3	1071.1	984.4	922.4
2.5°	2322.4	1916.6	1665.5	1373.5	1072.7	924.0	942.9	1176.2	1097.6	994.9	925.3
0°	2330.8	1912.8	1681.2	1383.5	1070.7	914.3	950.4	1200.0	1121.8	1001.5	926.3
-2.5°	2322.4	1916.6	1665.5	1373.5	1072.7	924.0	942.9	1176.2	1097.6	994.9	925.3
-5°	2264.0	1889.6	1638.9	1346.9	1067.4	928.9	954.0	1149.3	1071.1	984.4	922.4
-7.5°	2170.0	1841.1	1584.3	1297.6	1048.4	929.1	979.2	1120.1	1044.1	966.0	911.2
-10°	2017.6	1770.9	1492.4	1212.2	1006.9	923.4	1012.5	1087.3	1013.7	946.9	896.5
-12.5°	1892.1	1654.6	1368.8	1101.0	944.2	910.0	1055.5	1051.1	980.6	928.1	877.6
-15°	1757.4	1488.8	1224.3	1020.7	914.8	933.8	1084.6	1007.3	939.0	904.7	854.1
-17.5°	1548.0	1300.8	1065.8	930.4	898.3	1000.7	1033.9	958.0	899.6	864.7	817.7
-20°	1317.9	1098.3	962.3	895.3	925.5	1070.2	976.1	904.7	857.5	821.4	773.3



REPORT NUMBER: P559241 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1088.2	970.0	893.8	878.1	1020.8	1009.4	927.8	860.5	809.3	779.3	728.7
-25°	948.2	889.9	878.0	993.3	1031.2	944.3	880.2	828.1	780.9	733.7	680.6
-27.5°	876.5	869.9	995.6	1046.0	963.9	893.9	840.8	797.3	756.5	700.6	611.1
-30°	901.8	1015.4	1038.3	974.3	907.6	850.0	807.5	769.9	724.3	660.6	552.5
-32.5°	1054.7	1003.0	952.0	905.9	854.8	813.0	776.4	738.6	689.6	596.3	501.2
-35°	956.1	914.9	877.4	844.0	810.9	776.3	740.7	698.0	624.8	532.8	450.4
-37.5°	878.3	845.2	820.9	794.8	768.5	734.4	693.7	629.4	549.3	476.5	407.8
-40°	816.2	793.3	775.0	753.4	719.7	681.0	617.7	545.7	482.8	425.1	368.1
-42.5°	763.1	748.5	728.0	696.8	655.8	593.0	529.9	472.6	420.6	376.1	335.7
-45°	705.2	685.1	659.8	611.4	556.2	505.2	450.9	407.5	367.4	335.5	303.6
-47.5°	621.1	586.5	548.2	514.2	472.6	428.4	389.2	351.3	326.3	299.2	276.5
-50°	504.3	482.2	457.5	432.5	403.3	368.7	339.0	312.1	290.2	269.9	249.4
-52.5°	413.1	397.7	382.4	364.9	347.1	323.4	299.4	278.3	258.9	241.7	223.6
-55°	344.2	329.8	321.7	312.5	302.7	284.9	266.1	247.5	230.4	214.7	195.3
-57.5°	290.5	275.9	273.1	269.1	264.0	251.2	235.7	219.6	200.3	182.7	165.9
-60°	250.1	233.5	232.9	231.4	229.0	220.3	203.8	186.0	166.9	154.5	142.3
-62.5°	217.3	196.5	196.2	194.4	191.3	184.2	168.9	155.0	142.3	131.4	122.4
-65°	187.2	161.7	156.8	155.7	153.0	148.2	136.6	127.9	121.8	116.4	105.9
-67.5°	162.6	132.8	121.9	120.4	118.8	116.2	111.2	106.8	103.1	99.0	88.9
-70°	135.8	107.9	95.1	93.9	92.3	90.3	88.0	85.3	82.4	77.3	67.4
-72.5°	101.9	82.7	72.1	71.2	69.8	68.1	66.0	62.5	57.2	50.1	43.6
-75°	69.5	58.9	51.7	50.9	49.8	48.2	45.6	41.6	37.4	33.0	29.0
-77.5°	44.5	38.5	33.8	33.1	32.1	30.8	28.7	25.5	23.0	20.5	18.4
-80°	24.4	21.7	19.6	19.1	18.3	17.3	16.1	14.4	12.8	11.7	10.9
-82.5°	10.9	10.6	10.3	10.0	9.6	9.2	8.7	8.3	7.8	7.3	6.7
-85°	5.6	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.6	4.4	4.2
-87.5°	2.8	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.3	2.2	2.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559241 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-U-TSB-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	1.9	1.8	1.7	2.0	2.3	2.4	2.5	2.3	2.1	1.8
85°	4.1	3.9	3.6	3.5	3.9	4.5	4.9	5.1	4.6	4.1	3.6
82.5°	6.1	5.8	5.5	5.2	5.1	5.3	5.6	6.0	6.0	6.0	5.4
80°	10.2	9.4	8.6	7.7	6.8	6.0	5.9	6.0	6.0	6.0	6.0
77.5°	16.7	14.7	12.4	11.1	10.0	8.9	7.8	6.6	6.0	6.0	6.0
75°	25.7	23.5	21.2	18.1	14.8	11.8	10.5	9.2	7.9	6.2	6.0
72.5°	39.7	35.6	31.3	26.3	22.1	18.1	14.4	11.8	10.5	8.8	6.6
70°	57.6	49.4	43.8	37.4	30.5	24.3	19.9	16.5	13.2	11.4	9.1
67.5°	78.3	66.9	57.6	48.5	40.4	32.8	25.6	21.6	18.1	14.0	11.5
65°	94.0	82.4	71.2	60.8	50.7	41.4	33.2	27.6	23.0	18.6	14.0
62.5°	110.5	96.4	84.2	72.8	61.5	50.7	41.0	35.4	28.5	23.2	17.7
60°	129.1	115.0	98.0	84.8	72.3	60.1	50.4	43.3	36.0	27.7	21.8
57.5°	151.6	135.5	116.1	98.0	83.2	69.7	60.3	52.4	43.5	34.2	26.0
55°	175.7	156.9	133.9	113.0	94.8	79.5	71.0	62.2	51.5	41.2	30.4
52.5°	203.2	178.1	152.3	128.1	107.1	91.1	83.4	72.1	60.9	48.3	37.2
50°	228.9	200.5	171.2	144.3	119.1	106.0	96.3	84.2	70.3	55.8	44.4
47.5°	250.3	220.8	190.9	160.4	133.2	122.2	111.3	96.9	79.8	64.4	51.9
45°	272.0	239.3	208.8	177.5	152.2	140.4	127.6	110.0	91.8	74.7	59.6
42.5°	293.7	258.6	224.8	193.5	173.9	158.9	144.9	125.6	104.0	85.5	68.4
40°	321.0	278.3	240.7	212.9	195.2	177.2	161.7	142.0	116.8	97.3	78.1
37.5°	347.7	300.6	258.2	233.7	215.3	196.1	178.2	159.0	133.0	110.8	88.0
35°	382.2	324.0	282.9	255.4	233.8	214.1	194.2	175.4	151.6	124.4	98.0
32.5°	415.4	353.4	311.3	277.4	251.3	231.3	210.0	196.0	170.9	138.1	108.2
30°	460.0	392.7	339.1	298.1	268.7	246.9	229.8	219.3	190.9	152.0	118.8
27.5°	514.9	431.4	367.5	321.4	287.0	262.3	256.1	245.0	211.4	167.0	130.2
25°	570.9	477.1	401.8	344.8	304.0	288.5	282.1	272.6	232.8	183.8	141.4
22.5°	632.7	523.6	435.0	366.9	333.2	313.6	306.9	296.1	255.3	200.7	152.4
20°	692.6	567.7	469.0	403.7	364.7	340.6	330.2	319.2	278.8	217.4	163.2
17.5°	747.1	617.1	516.8	444.0	396.6	367.0	352.7	341.9	302.9	233.9	173.7
15°	783.4	670.1	561.3	481.6	427.2	392.7	374.4	364.1	327.3	250.0	181.1
12.5°	814.3	716.3	601.5	516.7	456.5	417.7	395.5	385.9	351.7	260.4	185.0
10°	840.1	756.2	637.4	549.1	484.4	442.0	415.9	401.3	361.1	265.7	188.5
7.5°	861.2	789.9	669.2	579.0	507.2	454.2	419.0	404.0	366.7	269.6	191.4
5°	876.1	809.8	684.4	586.8	509.0	453.2	419.1	406.2	370.6	272.3	193.6
2.5°	878.3	811.8	688.2	589.3	509.4	451.2	418.7	407.9	372.6	273.6	195.0
0°	878.2	809.0	688.7	589.5	508.3	448.1	418.0	409.0	372.9	273.7	195.5
-2.5°	878.3	811.8	688.2	589.3	509.4	451.2	418.7	407.9	372.6	273.6	195.0
-5°	876.1	809.8	684.4	586.8	509.0	453.2	419.1	406.2	370.6	272.3	193.6
-7.5°	861.2	789.9	669.2	579.0	507.2	454.2	419.0	404.0	366.7	269.6	191.4
-10°	840.1	756.2	637.4	549.1	484.4	442.0	415.9	401.3	361.1	265.7	188.5
-12.5°	814.3	716.3	601.5	516.7	456.5	417.7	395.5	385.9	351.7	260.4	185.0
-15°	783.4	670.1	561.3	481.6	427.2	392.7	374.4	364.1	327.3	250.0	181.1
-17.5°	747.1	617.1	516.8	444.0	396.6	367.0	352.7	341.9	302.9	233.9	173.7
-20°	692.6	567.7	469.0	403.7	364.7	340.6	330.2	319.2	278.8	217.4	163.2



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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°	632.7	523.6	435.0	366.9	333.2	313.6	306.9	296.1	255.3	200.7	152.4
-25°	570.9	477.1	401.8	344.8	304.0	288.5	282.1	272.6	232.8	183.8	141.4
-27.5°	514.9	431.4	367.5	321.4	287.0	262.3	256.1	245.0	211.4	167.0	130.2
-30°	460.0	392.7	339.1	298.1	268.7	246.9	229.8	219.3	190.9	152.0	118.8
-32.5°	415.4	353.4	311.3	277.4	251.3	231.3	210.0	196.0	170.9	138.1	108.2
-35°	382.2	324.0	282.9	255.4	233.8	214.1	194.2	175.4	151.6	124.4	98.0
-37.5°	347.7	300.6	258.2	233.7	215.3	196.1	178.2	159.0	133.0	110.8	88.0
-40°	321.0	278.3	240.7	212.9	195.2	177.2	161.7	142.0	116.8	97.3	78.1
-42.5°	293.7	258.6	224.8	193.5	173.9	158.9	144.9	125.6	104.0	85.5	68.4
-45°	272.0	239.3	208.8	177.5	152.2	140.4	127.6	110.0	91.8	74.7	59.6
-47.5°	250.3	220.8	190.9	160.4	133.2	122.2	111.3	96.9	79.8	64.4	51.9
-50°	228.9	200.5	171.2	144.3	119.1	106.0	96.3	84.2	70.3	55.8	44.4
-52.5°	203.2	178.1	152.3	128.1	107.1	91.1	83.4	72.1	60.9	48.3	37.2
-55°	175.7	156.9	133.9	113.0	94.8	79.5	71.0	62.2	51.5	41.2	30.4
-57.5°	151.6	135.5	116.1	98.0	83.2	69.7	60.3	52.4	43.5	34.2	26.0
-60°	129.1	115.0	98.0	84.8	72.3	60.1	50.4	43.3	36.0	27.7	21.8
-62.5°	110.5	96.4	84.2	72.8	61.5	50.7	41.0	35.4	28.5	23.2	17.7
-65°	94.0	82.4	71.2	60.8	50.7	41.4	33.2	27.6	23.0	18.6	14.0
-67.5°	78.3	66.9	57.6	48.5	40.4	32.8	25.6	21.6	18.1	14.0	11.5
-70°	57.6	49.4	43.8	37.4	30.5	24.3	19.9	16.5	13.2	11.4	9.1
-72.5°	39.7	35.6	31.3	26.3	22.1	18.1	14.4	11.8	10.5	8.8	6.6
-75°	25.7	23.5	21.2	18.1	14.8	11.8	10.5	9.2	7.9	6.2	6.0
-77.5°	16.7	14.7	12.4	11.1	10.0	8.9	7.8	6.6	6.0	6.0	6.0
-80°	10.2	9.4	8.6	7.7	6.8	6.0	5.9	6.0	6.0	6.0	6.0
-82.5°	6.1	5.8	5.5	5.2	5.1	5.3	5.6	6.0	6.0	6.0	5.4
-85°	4.1	3.9	3.6	3.5	3.9	4.5	4.9	5.1	4.6	4.1	3.6
-87.5°	2.0	1.9	1.8	1.7	2.0	2.3	2.4	2.5	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



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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°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
85°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
82.5°	4.6	3.9	3.1	2.3	1.6	0.8	0.0
80°	6.0	5.2	4.1	3.1	2.1	1.0	0.0
77.5°	6.0	6.0	5.2	3.9	2.6	1.3	0.0
75°	6.0	6.0	6.0	4.6	3.1	1.6	0.0
72.5°	6.0	6.0	6.0	5.4	3.6	1.8	0.0
70°	6.3	6.0	6.0	6.0	4.1	2.1	0.0
67.5°	8.6	6.0	6.0	6.0	4.6	2.3	0.0
65°	10.8	7.0	6.0	6.0	5.1	2.5	0.0
62.5°	13.1	9.0	6.0	6.0	5.5	2.8	0.0
60°	15.3	11.0	6.0	6.0	6.0	3.0	0.0
57.5°	19.2	12.9	7.6	6.0	6.0	3.2	0.0
55°	23.4	14.9	9.2	6.0	6.1	3.4	0.0
52.5°	27.6	17.1	10.7	6.0	6.1	3.7	0.0
50°	32.0	20.9	12.3	6.0	6.2	3.9	0.0
47.5°	36.7	24.7	13.8	6.3	6.3	4.1	0.0
45°	43.4	28.5	15.3	7.4	6.4	4.2	0.0
42.5°	50.2	32.3	16.8	8.5	6.5	4.4	0.0
40°	57.2	36.2	19.0	9.6	6.6	4.6	0.0
37.5°	64.1	40.0	22.0	10.6	6.7	4.8	0.0
35°	71.2	45.0	24.9	11.5	6.8	4.9	0.0
32.5°	78.6	50.5	27.7	12.3	7.0	5.1	0.0
30°	86.7	55.9	30.4	13.0	7.1	5.2	0.0
27.5°	94.9	61.2	32.2	13.6	7.2	5.3	0.0
25°	102.9	66.3	33.6	14.1	7.4	5.4	0.0
22.5°	110.7	70.4	34.7	14.6	7.6	5.5	0.0
20°	118.3	71.9	35.5	14.9	7.7	5.6	0.0
17.5°	122.3	72.8	36.0	15.1	7.9	5.7	0.0
15°	123.8	73.2	36.2	15.3	8.1	5.8	0.0
12.5°	124.7	73.2	36.2	15.4	8.2	5.9	0.0
10°	125.0	72.6	36.0	15.4	8.4	5.9	0.0
7.5°	124.7	71.6	35.6	15.4	8.6	5.9	0.0
5°	123.9	70.2	34.9	15.3	8.7	6.0	0.0
2.5°	122.4	68.4	34.1	15.2	8.9	6.0	0.0
0°	120.3	66.2	33.1	15.0	9.0	6.0	0.0
-2.5°	122.4	68.4	34.1	15.2	8.9	6.0	0.0
-5°	123.9	70.2	34.9	15.3	8.7	6.0	0.0
-7.5°	124.7	71.6	35.6	15.4	8.6	5.9	0.0
-10°	125.0	72.6	36.0	15.4	8.4	5.9	0.0
-12.5°	124.7	73.2	36.2	15.4	8.2	5.9	0.0
-15°	123.8	73.2	36.2	15.3	8.1	5.8	0.0
-17.5°	122.3	72.8	36.0	15.1	7.9	5.7	0.0
-20°	118.3	71.9	35.5	14.9	7.7	5.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	110.7	70.4	34.7	14.6	7.6	5.5	0.0
-25°	102.9	66.3	33.6	14.1	7.4	5.4	0.0
-27.5°	94.9	61.2	32.2	13.6	7.2	5.3	0.0
-30°	86.7	55.9	30.4	13.0	7.1	5.2	0.0
-32.5°	78.6	50.5	27.7	12.3	7.0	5.1	0.0
-35°	71.2	45.0	24.9	11.5	6.8	4.9	0.0
-37.5°	64.1	40.0	22.0	10.6	6.7	4.8	0.0
-40°	57.2	36.2	19.0	9.6	6.6	4.6	0.0
-42.5°	50.2	32.3	16.8	8.5	6.5	4.4	0.0
-45°	43.4	28.5	15.3	7.4	6.4	4.2	0.0
-47.5°	36.7	24.7	13.8	6.3	6.3	4.1	0.0
-50°	32.0	20.9	12.3	6.0	6.2	3.9	0.0
-52.5°	27.6	17.1	10.7	6.0	6.1	3.7	0.0
-55°	23.4	14.9	9.2	6.0	6.1	3.4	0.0
-57.5°	19.2	12.9	7.6	6.0	6.0	3.2	0.0
-60°	15.3	11.0	6.0	6.0	6.0	3.0	0.0
-62.5°	13.1	9.0	6.0	6.0	5.5	2.8	0.0
-65°	10.8	7.0	6.0	6.0	5.1	2.5	0.0
-67.5°	8.6	6.0	6.0	6.0	4.6	2.3	0.0
-70°	6.3	6.0	6.0	6.0	4.1	2.1	0.0
-72.5°	6.0	6.0	6.0	5.4	3.6	1.8	0.0
-75°	6.0	6.0	6.0	4.6	3.1	1.6	0.0
-77.5°	6.0	6.0	5.2	3.9	2.6	1.3	0.0
-80°	6.0	5.2	4.1	3.1	2.1	1.0	0.0
-82.5°	4.6	3.9	3.1	2.3	1.6	0.8	0.0
-85°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
-87.5°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)