

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: P559255 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-940-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559255 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-3)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA6E-940-U-NR-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, NARROW SYMMETRICAL ROUND N3
Light Source: (96) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

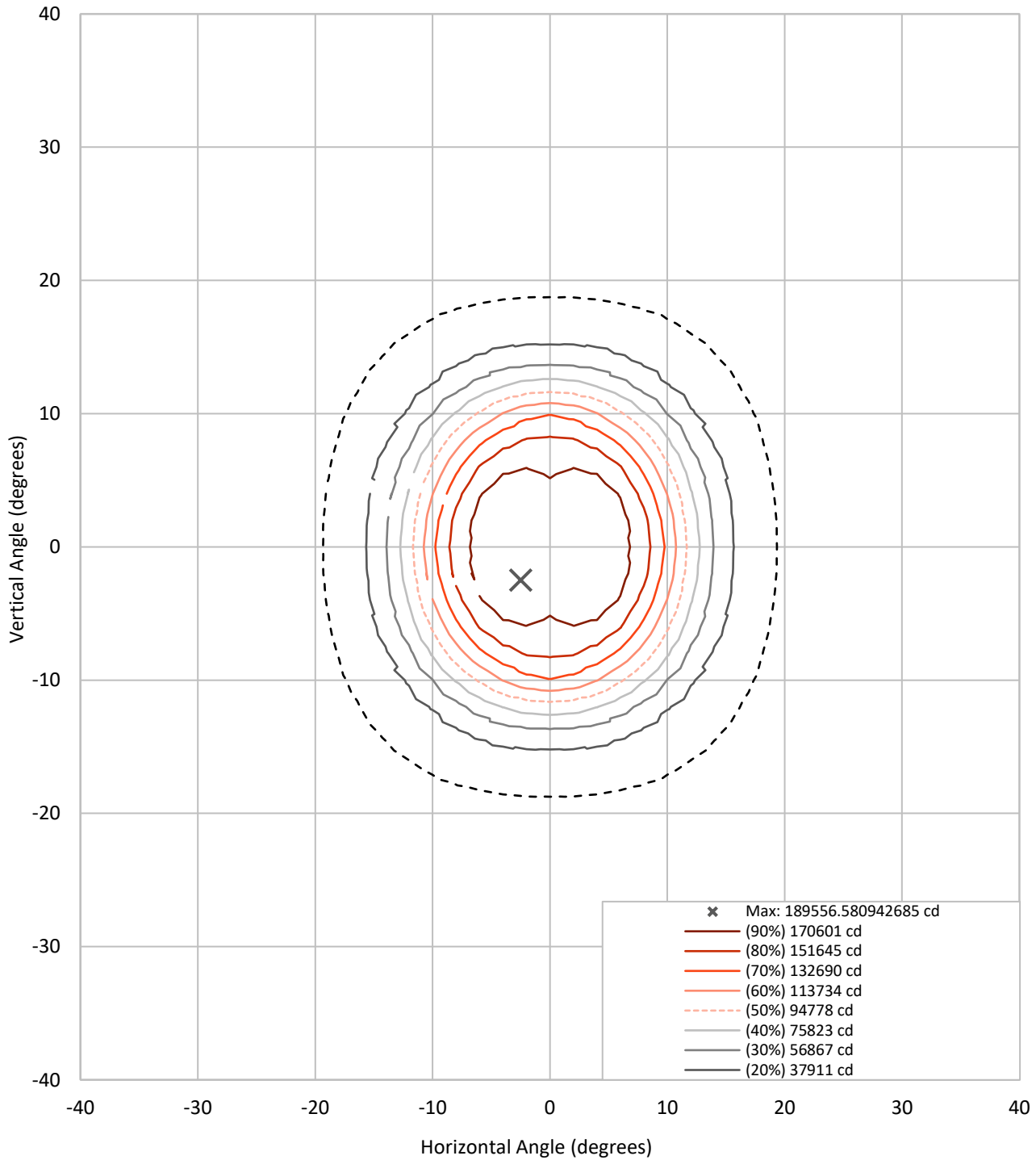
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	35844.9 lumens	Max Intensity:	189556.6 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	97.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	19351.5 lumens	Field Lumens:	29183.1 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

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





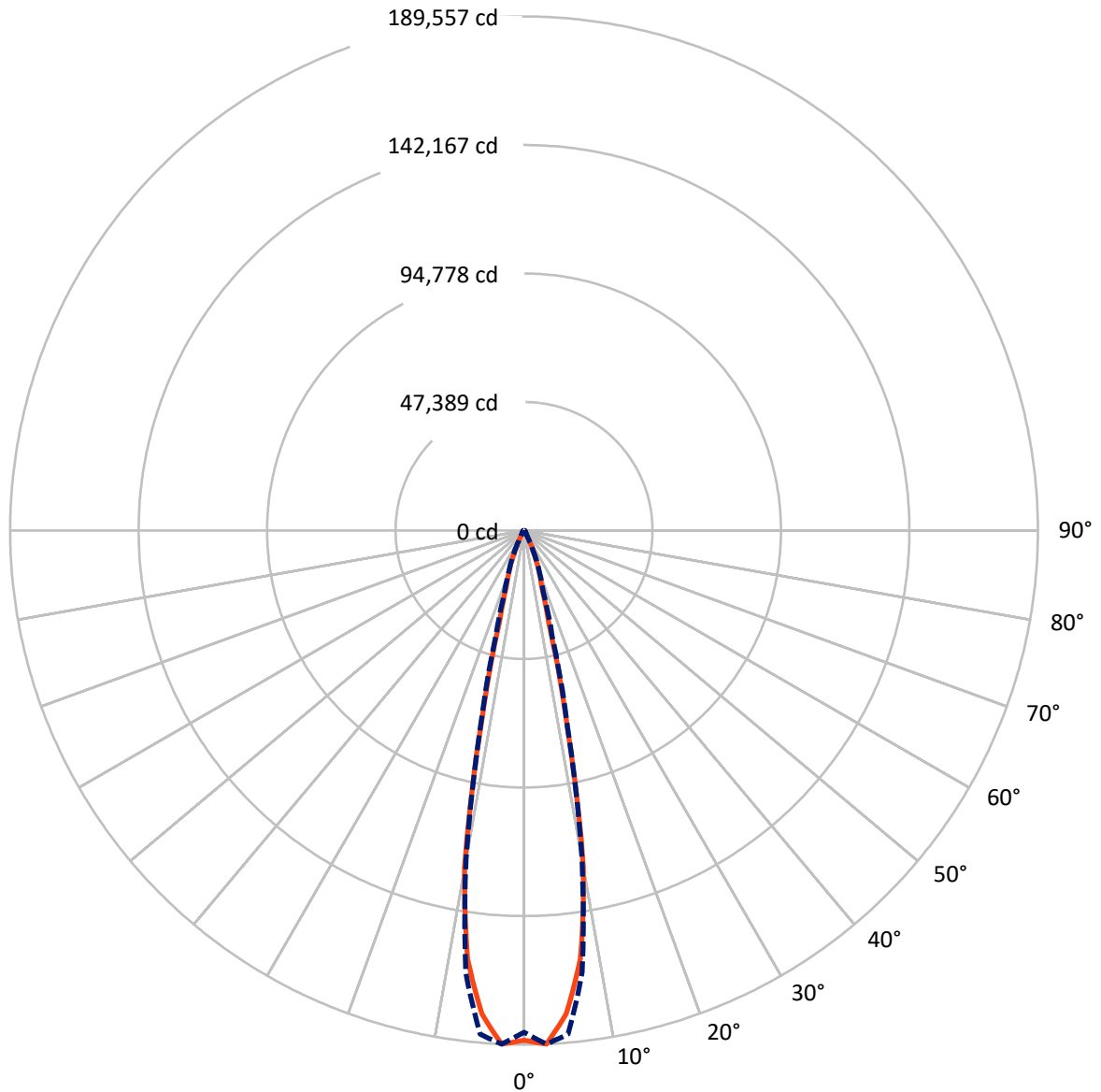
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Lumen Table

90	0.4	3.6		9.6		15.4		17.9		15.4		9.6		3.6		0.4			
80	0.4	3.6		9.6		15.4		17.9		15.4		9.6		3.6		0.4			
70	1.7	1.9	3.9	6.3	8.6	10.7	12.2	13.0	13.0	12.2	10.7	8.6	6.3	3.9	1.9	1.7			
60		2.8	5.7	8.9	11.8	14.2	15.7	16.4	16.4	15.7	14.2	11.8	8.9	5.7	2.8				
50	3.0	3.7	7.2	10.8	13.8	16.9	19.4	20.6	20.6	19.4	16.9	13.8	10.8	7.2	3.7	3.0			
40		4.5	8.3	12.1	16.3	22.3	29.3	35.1	35.1	29.3	22.3	16.3	12.1	8.3	4.5				
30	4.0	5.0	9.1	13.4	20.3	36.6	110.1	214.5	214.5	110.1	36.6	20.3	13.4	9.1	5.0	4.0			
20		5.4	9.5	14.2	25.3	108.8	501.9	1290.4	1290.4	501.9	108.8	25.3	14.2	9.5	5.4				
10	4.4	5.5	9.6	14.9	30.3	211.8	1306.8	4616.8	4616.8	1306.8	211.8	30.3	14.9	9.6	5.5	4.4			
0		5.5	9.6	14.9	30.3	211.8	1306.8	4616.8	4616.8	1306.8	211.8	30.3	14.9	9.6	5.5				
-10	4.0	5.4	9.5	14.2	25.3	108.8	501.9	1290.4	1290.4	501.9	108.8	25.3	14.2	9.5	5.4	4.0			
-20		5.0	9.1	13.4	20.3	36.6	110.1	214.5	214.5	110.1	36.6	20.3	13.4	9.1	5.0				
-30	3.0	4.5	8.3	12.1	16.3	22.3	29.3	35.1	35.1	29.3	22.3	16.3	12.1	8.3	4.5	3.0			
-40		3.7	7.2	10.8	13.8	16.9	19.4	20.6	20.6	19.4	16.9	13.8	10.8	7.2	3.7				
-50	1.7	2.8	5.7	8.9	11.8	14.2	15.7	16.4	16.4	15.7	14.2	11.8	8.9	5.7	2.8	1.7			
-60		1.9	3.9	6.3	8.6	10.7	12.2	13.0	13.0	12.2	10.7	8.6	6.3	3.9	1.9				
-70	0.4	3.6		9.6		15.4		17.9		15.4		9.6		3.6		0.4			
-80		3.6		9.6		15.4		17.9		15.4		9.6		3.6					
-90	0.4	3.6		9.6		15.4		17.9		15.4		9.6		3.6		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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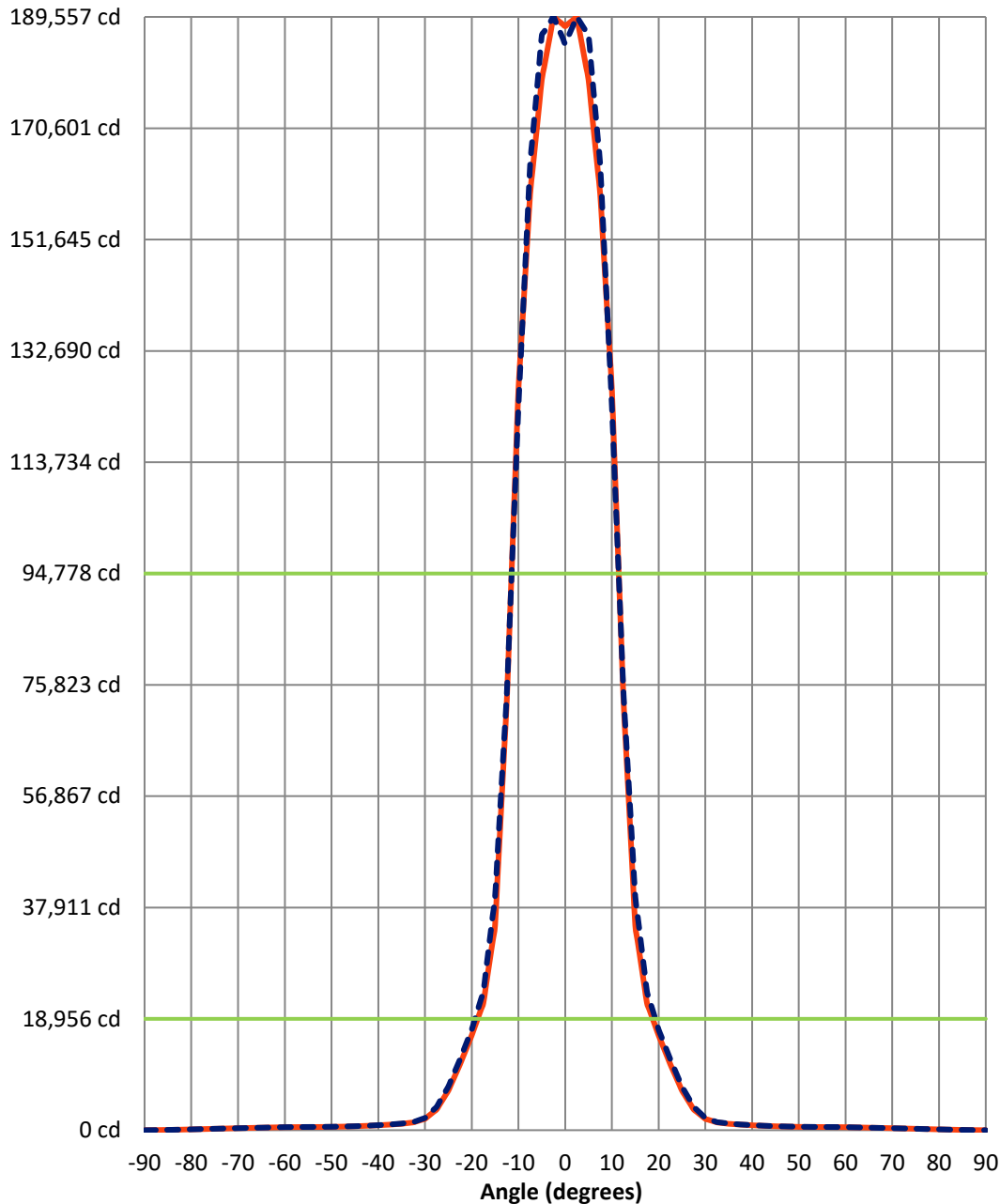
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 22.9°
 V Angle: 22.9°
 Lumens: 19351.5
 Efficiency: 54.0%

Field:
 H Angle: 38.6°
 V Angle: 37.5°
 Lumens: 29183.1
 Efficiency: 81.4%

Spill:
 Lumens: 6661.8
 Efficiency: 18.6%

- Vertical Distribution through -2.5-Deg
- - - Horizontal Distribution through -2.5-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	0.9	1.8	2.6	3.5	4.3	5.2	6.0	6.9	7.7	8.5
85°	0.0	1.8	3.5	5.2	7.0	8.7	10.4	12.1	13.7	15.4	17.0
82.5°	0.0	2.6	5.2	7.8	10.4	13.0	15.6	18.1	20.8	24.8	29.0
80°	0.0	3.5	7.0	10.4	13.9	17.3	21.0	26.2	31.6	37.2	42.9
77.5°	0.0	4.3	8.7	13.0	17.3	22.4	28.7	35.3	42.2	49.4	57.1
75°	0.0	5.2	10.4	15.6	21.1	29.0	36.4	44.3	53.0	62.9	72.4
72.5°	0.0	6.0	12.1	18.1	26.4	35.5	44.0	53.9	65.7	76.9	87.5
70°	0.0	6.9	13.7	20.9	31.7	41.9	51.8	65.1	78.3	90.9	105.7
67.5°	0.0	7.7	15.4	24.9	36.9	48.3	61.6	76.3	90.9	107.8	124.5
65°	0.0	8.5	17.0	28.8	42.1	55.4	71.1	87.3	105.7	124.5	143.3
62.5°	0.0	9.3	18.5	32.7	47.1	63.0	80.4	99.5	120.3	141.1	162.7
60°	0.0	10.0	20.1	36.5	52.1	70.5	89.5	112.1	134.6	158.2	181.7
57.5°	0.0	10.8	22.6	40.2	57.8	77.8	99.8	124.3	149.4	175.0	200.3
55°	0.0	11.5	25.0	43.9	63.4	84.8	110.0	136.2	163.9	191.4	218.5
52.5°	0.0	12.2	27.4	47.4	68.8	91.8	119.9	148.6	178.1	207.3	236.2
50°	0.0	12.9	29.6	50.9	74.0	99.8	129.5	160.7	191.8	222.7	253.9
47.5°	0.0	13.6	31.8	54.3	79.0	107.6	138.9	172.6	205.1	237.7	271.3
45°	0.0	14.2	33.9	57.9	83.8	115.0	148.8	184.0	218.0	252.9	288.2
42.5°	0.0	14.8	36.0	61.3	88.3	122.1	158.3	195.0	230.5	267.7	303.4
40°	0.0	15.4	37.9	64.5	93.2	128.9	167.4	205.4	242.6	282.0	317.5
37.5°	0.0	15.9	39.7	67.5	98.4	135.4	176.1	215.3	254.6	295.0	330.9
35°	0.0	16.5	41.5	70.4	103.2	142.0	184.4	224.7	265.8	306.1	343.7
32.5°	0.0	17.0	43.1	73.1	107.8	148.5	192.2	233.6	276.3	316.6	356.1
30°	0.0	17.4	44.6	75.6	112.1	154.6	199.3	242.0	286.1	326.5	367.4
27.5°	0.0	17.8	46.0	77.9	116.2	160.3	206.0	249.9	294.7	335.7	377.6
25°	0.0	18.2	47.3	80.1	120.0	165.6	212.1	257.2	302.2	344.1	386.7
22.5°	0.0	18.6	48.5	82.0	123.6	170.4	217.7	263.8	309.0	351.6	394.7
20°	0.0	18.9	49.6	83.8	126.8	174.8	222.7	269.7	315.1	358.2	401.8
17.5°	0.0	19.2	50.5	85.3	129.8	178.7	227.1	274.9	320.5	363.9	408.1
15°	0.0	19.4	51.3	86.7	132.4	182.0	230.9	279.3	325.3	368.6	413.4
12.5°	0.0	19.6	52.0	87.9	134.7	184.8	234.1	283.1	329.3	372.5	417.8
10°	0.0	19.8	52.6	88.8	136.6	187.1	236.7	286.2	332.7	376.4	421.4
7.5°	0.0	19.9	53.0	89.5	138.2	188.9	238.8	288.6	335.3	379.9	424.1
5°	0.0	20.0	53.3	90.1	139.5	190.1	240.2	290.3	337.1	382.5	425.6
2.5°	0.0	20.1	53.5	90.4	140.3	190.9	241.1	291.4	338.2	384.5	426.2
0°	0.0	20.1	53.6	90.5	140.8	191.1	241.4	291.7	338.6	385.6	425.8
-2.5°	0.0	20.1	53.6	90.5	140.8	191.1	241.4	291.7	338.6	385.6	425.8
-5°	0.0	20.0	53.3	90.1	139.5	190.1	240.2	290.3	337.1	382.5	425.6
-7.5°	0.0	19.9	53.0	89.5	138.2	188.9	238.8	288.6	335.3	379.9	424.1
-10°	0.0	19.8	52.6	88.8	136.6	187.1	236.7	286.2	332.7	376.4	421.4
-12.5°	0.0	19.6	52.0	87.9	134.7	184.8	234.1	283.1	329.3	372.5	417.8
-15°	0.0	19.4	51.3	86.7	132.4	182.0	230.9	279.3	325.3	368.6	413.4
-17.5°	0.0	19.2	50.5	85.3	129.8	178.7	227.1	274.9	320.5	363.9	408.1
-20°	0.0	18.9	49.6	83.8	126.8	174.8	222.7	269.7	315.1	358.2	401.8



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	18.6	48.5	82.0	123.6	170.4	217.7	263.8	309.0	351.6	394.7
-25°	0.0	18.2	47.3	80.1	120.0	165.6	212.1	257.2	302.2	344.1	386.7
-27.5°	0.0	17.8	46.0	77.9	116.2	160.3	206.0	249.9	294.7	335.7	377.6
-30°	0.0	17.4	44.6	75.6	112.1	154.6	199.3	242.0	286.1	326.5	367.4
-32.5°	0.0	17.0	43.1	73.1	107.8	148.5	192.2	233.6	276.3	316.6	356.1
-35°	0.0	16.5	41.5	70.4	103.2	142.0	184.4	224.7	265.8	306.1	343.7
-37.5°	0.0	15.9	39.7	67.5	98.4	135.4	176.1	215.3	254.6	295.0	330.9
-40°	0.0	15.4	37.9	64.5	93.2	128.9	167.4	205.4	242.6	282.0	317.5
-42.5°	0.0	14.8	36.0	61.3	88.3	122.1	158.3	195.0	230.5	267.7	303.4
-45°	0.0	14.2	33.9	57.9	83.8	115.0	148.8	184.0	218.0	252.9	288.2
-47.5°	0.0	13.6	31.8	54.3	79.0	107.6	138.9	172.6	205.1	237.7	271.3
-50°	0.0	12.9	29.6	50.9	74.0	99.8	129.5	160.7	191.8	222.7	253.9
-52.5°	0.0	12.2	27.4	47.4	68.8	91.8	119.9	148.6	178.1	207.3	236.2
-55°	0.0	11.5	25.0	43.9	63.4	84.8	110.0	136.2	163.9	191.4	218.5
-57.5°	0.0	10.8	22.6	40.2	57.8	77.8	99.8	124.3	149.4	175.0	200.3
-60°	0.0	10.0	20.1	36.5	52.1	70.5	89.5	112.1	134.6	158.2	181.7
-62.5°	0.0	9.3	18.5	32.7	47.1	63.0	80.4	99.5	120.3	141.1	162.7
-65°	0.0	8.5	17.0	28.8	42.1	55.4	71.1	87.3	105.7	124.5	143.3
-67.5°	0.0	7.7	15.4	24.9	36.9	48.3	61.6	76.3	90.9	107.8	124.5
-70°	0.0	6.9	13.7	20.9	31.7	41.9	51.8	65.1	78.3	90.9	105.7
-72.5°	0.0	6.0	12.1	18.1	26.4	35.5	44.0	53.9	65.7	76.9	87.5
-75°	0.0	5.2	10.4	15.6	21.1	29.0	36.4	44.3	53.0	62.9	72.4
-77.5°	0.0	4.3	8.7	13.0	17.3	22.4	28.7	35.3	42.2	49.4	57.1
-80°	0.0	3.5	7.0	10.4	13.9	17.3	21.0	26.2	31.6	37.2	42.9
-82.5°	0.0	2.6	5.2	7.8	10.4	13.0	15.6	18.1	20.8	24.8	29.0
-85°	0.0	1.8	3.5	5.2	7.0	8.7	10.4	12.1	13.7	15.4	17.0
-87.5°	0.0	0.9	1.8	2.6	3.5	4.3	5.2	6.0	6.9	7.7	8.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.3	10.0	10.8	11.5	12.2	12.9	13.6	14.2	14.8	15.4	15.9
85°	18.5	20.1	22.4	24.5	26.5	28.2	29.8	31.2	33.2	35.2	37.3
82.5°	32.6	36.0	39.0	41.8	44.3	46.5	48.8	52.1	56.5	60.5	64.0
80°	47.6	51.8	56.8	61.9	67.1	72.3	77.5	82.7	87.4	91.8	96.4
77.5°	64.0	70.8	77.6	84.6	91.8	99.8	107.6	115.0	121.9	128.7	135.3
75°	81.0	89.5	99.8	110.0	119.9	129.5	138.9	148.5	157.6	166.4	174.7
72.5°	99.5	112.1	124.3	136.2	149.2	161.5	173.0	183.7	194.8	206.0	216.4
70°	120.3	134.6	149.8	165.4	180.5	194.2	207.8	221.8	235.6	247.5	257.8
67.5°	141.1	158.7	176.4	194.0	210.6	226.5	242.8	258.3	272.6	285.0	296.8
65°	162.8	182.5	202.0	221.0	239.5	258.3	276.1	292.7	308.2	322.2	335.5
62.5°	184.0	205.5	226.8	247.9	269.4	290.0	308.6	326.3	343.4	358.4	372.7
60°	204.8	228.0	251.4	275.0	298.5	320.1	340.1	358.6	376.0	392.7	407.5
57.5°	225.2	250.2	275.7	301.1	325.6	349.1	369.4	389.1	406.9	423.8	439.3
55°	245.3	271.7	299.1	325.9	351.6	375.7	397.5	417.2	436.1	451.6	466.3
52.5°	265.1	292.9	321.5	349.5	375.8	400.7	423.4	443.2	460.5	476.3	489.4
50°	284.6	313.6	343.1	371.5	398.6	424.0	446.8	465.8	482.2	496.8	509.1
47.5°	302.9	333.5	362.8	392.4	419.7	444.9	467.3	485.2	501.4	514.4	525.9
45°	320.2	352.1	382.6	411.4	439.3	464.1	484.8	502.9	517.6	530.8	542.4
42.5°	336.7	370.1	401.0	429.7	457.1	481.0	501.3	518.1	533.3	546.2	559.0
40°	352.7	387.5	418.7	446.9	473.7	496.4	515.4	532.6	547.4	562.1	575.9
37.5°	368.1	403.3	435.6	464.3	487.9	510.0	528.7	545.8	562.5	578.6	597.3
35°	382.9	418.6	451.1	479.3	502.6	521.9	541.1	559.8	579.0	599.2	621.1
32.5°	396.5	433.3	466.2	492.1	513.9	533.4	553.4	575.7	598.6	621.7	648.4
30°	408.8	446.5	479.6	504.0	524.1	543.5	567.1	592.6	619.4	646.1	677.2
27.5°	419.5	459.0	489.8	513.3	533.1	551.8	578.0	611.2	640.2	668.6	703.0
25°	429.3	468.9	499.2	521.3	539.9	560.0	587.1	621.2	657.9	688.8	736.7
22.5°	437.8	477.9	507.8	528.4	545.2	566.8	594.3	627.9	665.7	704.7	771.0
20°	445.1	484.5	515.1	534.4	549.2	571.7	598.3	632.7	674.6	730.9	804.3
17.5°	451.4	491.2	520.6	538.3	554.1	575.4	599.7	635.4	684.2	754.5	835.0
15°	456.9	497.7	525.2	541.6	557.9	578.8	605.3	642.5	698.7	776.4	863.1
12.5°	461.4	504.0	529.0	544.3	560.3	581.4	611.3	653.8	716.0	798.1	894.1
10°	464.9	509.8	532.1	546.5	561.6	583.2	616.4	662.6	730.4	818.4	921.6
7.5°	468.2	514.4	534.5	548.0	561.9	584.1	620.6	669.0	740.9	835.1	944.7
5°	470.7	517.3	536.6	549.1	561.7	584.4	623.8	672.9	747.5	847.6	962.0
2.5°	472.2	519.1	538.5	549.7	561.0	584.4	626.2	679.5	755.6	857.0	972.4
0°	472.7	519.7	539.8	549.9	559.9	583.4	627.0	684.0	761.1	861.7	975.7
-2.5°	472.2	519.1	538.5	549.7	561.0	584.4	626.2	679.5	755.6	857.0	972.4
-5°	470.7	517.3	536.6	549.1	561.7	584.4	623.8	672.9	747.5	847.6	962.0
-7.5°	468.2	514.4	534.5	548.0	561.9	584.1	620.6	669.0	740.9	835.1	944.7
-10°	464.9	509.8	532.1	546.5	561.6	583.2	616.4	662.6	730.4	818.4	921.6
-12.5°	461.4	504.0	529.0	544.3	560.3	581.4	611.3	653.8	716.0	798.1	894.1
-15°	456.9	497.7	525.2	541.6	557.9	578.8	605.3	642.5	698.7	776.4	863.1
-17.5°	451.4	491.2	520.6	538.3	554.1	575.4	599.7	635.4	684.2	754.5	835.0
-20°	445.1	484.5	515.1	534.4	549.2	571.7	598.3	632.7	674.6	730.9	804.3



REPORT NUMBER: P559255 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	437.8	477.9	507.8	528.4	545.2	566.8	594.3	627.9	665.7	704.7	771.0
-25°	429.3	468.9	499.2	521.3	539.9	560.0	587.1	621.2	657.9	688.8	736.7
-27.5°	419.5	459.0	489.8	513.3	533.1	551.8	578.0	611.2	640.2	668.6	703.0
-30°	408.8	446.5	479.6	504.0	524.1	543.5	567.1	592.6	619.4	646.1	677.2
-32.5°	396.5	433.3	466.2	492.1	513.9	533.4	553.4	575.7	598.6	621.7	648.4
-35°	382.9	418.6	451.1	479.3	502.6	521.9	541.1	559.8	579.0	599.2	621.1
-37.5°	368.1	403.3	435.6	464.3	487.9	510.0	528.7	545.8	562.5	578.6	597.3
-40°	352.7	387.5	418.7	446.9	473.7	496.4	515.4	532.6	547.4	562.1	575.9
-42.5°	336.7	370.1	401.0	429.7	457.1	481.0	501.3	518.1	533.3	546.2	559.0
-45°	320.2	352.1	382.6	411.4	439.3	464.1	484.8	502.9	517.6	530.8	542.4
-47.5°	302.9	333.5	362.8	392.4	419.7	444.9	467.3	485.2	501.4	514.4	525.9
-50°	284.6	313.6	343.1	371.5	398.6	424.0	446.8	465.8	482.2	496.8	509.1
-52.5°	265.1	292.9	321.5	349.5	375.8	400.7	423.4	443.2	460.5	476.3	489.4
-55°	245.3	271.7	299.1	325.9	351.6	375.7	397.5	417.2	436.1	451.6	466.3
-57.5°	225.2	250.2	275.7	301.1	325.6	349.1	369.4	389.1	406.9	423.8	439.3
-60°	204.8	228.0	251.4	275.0	298.5	320.1	340.1	358.6	376.0	392.7	407.5
-62.5°	184.0	205.5	226.8	247.9	269.4	290.0	308.6	326.3	343.4	358.4	372.7
-65°	162.8	182.5	202.0	221.0	239.5	258.3	276.1	292.7	308.2	322.2	335.5
-67.5°	141.1	158.7	176.4	194.0	210.6	226.5	242.8	258.3	272.6	285.0	296.8
-70°	120.3	134.6	149.8	165.4	180.5	194.2	207.8	221.8	235.6	247.5	257.8
-72.5°	99.5	112.1	124.3	136.2	149.2	161.5	173.0	183.7	194.8	206.0	216.4
-75°	81.0	89.5	99.8	110.0	119.9	129.5	138.9	148.5	157.6	166.4	174.7
-77.5°	64.0	70.8	77.6	84.6	91.8	99.8	107.6	115.0	121.9	128.7	135.3
-80°	47.6	51.8	56.8	61.9	67.1	72.3	77.5	82.7	87.4	91.8	96.4
-82.5°	32.6	36.0	39.0	41.8	44.3	46.5	48.8	52.1	56.5	60.5	64.0
-85°	18.5	20.1	22.4	24.5	26.5	28.2	29.8	31.2	33.2	35.2	37.3
-87.5°	9.3	10.0	10.8	11.5	12.2	12.9	13.6	14.2	14.8	15.4	15.9
-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: P559255 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-NR-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°	16.5	16.3	16.0	15.6	15.2	16.3	17.3	18.4	19.4	19.6	19.8
85°	39.3	40.6	41.8	42.9	44.0	45.3	46.4	47.4	48.2	49.6	51.0
82.5°	67.1	69.8	72.3	74.6	76.8	79.3	81.8	84.1	86.3	87.7	88.7
80°	100.9	105.5	109.6	113.3	116.4	120.4	124.3	127.8	131.0	133.0	134.6
77.5°	141.8	147.4	152.7	157.7	162.4	166.9	170.8	173.9	176.4	179.4	182.3
75°	182.6	190.1	197.2	203.7	209.3	214.3	218.9	223.1	226.8	230.3	233.1
72.5°	225.8	234.4	242.1	249.1	255.7	262.3	268.4	273.8	278.5	282.5	285.8
70°	267.5	276.8	286.1	294.9	302.9	310.2	316.8	322.6	327.7	332.1	335.6
67.5°	307.9	318.4	329.0	338.8	347.6	355.3	362.7	369.6	375.8	380.6	383.8
65°	347.9	359.8	371.1	381.2	390.0	398.1	406.5	413.7	419.9	424.5	427.5
62.5°	386.9	399.6	410.6	421.1	431.1	439.6	446.7	453.3	459.5	464.4	467.6
60°	421.6	434.9	445.6	455.4	464.5	472.8	479.9	486.9	493.4	499.2	503.6
57.5°	452.3	464.5	475.5	484.3	492.5	500.0	506.9	512.7	517.2	520.7	523.7
55°	479.0	490.0	500.3	508.9	516.1	522.2	527.3	531.4	534.5	536.8	538.6
52.5°	501.8	512.0	522.1	530.6	536.1	541.1	545.5	550.4	553.2	553.6	553.4
50°	520.2	531.0	540.1	547.7	555.2	563.6	572.5	576.8	578.6	577.3	575.9
47.5°	537.0	547.6	557.5	566.9	577.8	592.0	606.3	613.1	612.6	609.6	608.1
45°	553.6	565.0	576.7	591.1	606.4	624.8	641.5	652.1	652.1	652.5	654.9
42.5°	570.7	585.0	600.9	620.6	640.7	661.2	679.1	692.3	702.0	713.9	723.8
40°	591.9	607.9	631.7	656.1	682.2	704.2	731.8	755.5	775.0	792.8	806.3
37.5°	616.8	639.7	669.9	701.3	735.1	769.2	801.5	831.7	857.4	886.8	908.7
35°	646.6	679.2	716.1	755.2	797.4	840.6	882.2	930.3	972.6	1010.3	1041.1
32.5°	681.5	720.9	765.9	818.0	870.7	927.9	987.7	1049.4	1108.9	1170.9	1232.8
30°	716.5	768.4	826.0	889.2	951.1	1025.8	1103.6	1204.6	1310.5	1431.3	1616.8
27.5°	759.1	821.1	888.1	960.9	1046.0	1141.5	1291.5	1478.3	1796.9	2035.0	2674.6
25°	800.9	871.6	957.7	1052.0	1166.4	1341.1	1699.7	2114.6	3038.5	3903.5	4902.7
22.5°	843.2	931.4	1034.5	1149.5	1348.3	1798.1	2481.2	3732.1	5159.3	6674.2	8217.1
20°	885.8	989.7	1118.9	1310.9	1727.1	2496.7	4030.0	6040.0	8068.0	10545.4	12687.8
17.5°	933.8	1062.6	1231.5	1520.3	2206.1	3855.1	6123.0	8912.1	12050.3	15235.3	17909.5
15°	973.5	1124.3	1350.4	1915.2	3209.7	5397.5	8365.3	12145.9	16425.1	20451.6	23886.1
12.5°	1017.2	1192.8	1490.3	2235.5	4135.6	7012.2	10923.2	15575.6	20709.2	26226.4	34962.0
10°	1057.6	1261.7	1724.7	2900.6	5203.1	8643.7	13213.9	18456.1	24681.9	35728.1	56377.8
7.5°	1091.6	1316.3	1901.0	3396.2	6169.2	10182.8	15081.4	20919.1	30279.2	48837.6	83586.1
5°	1114.8	1352.6	2023.5	3767.2	6938.8	11318.3	16275.3	22541.0	35989.8	64862.4	106702.9
2.5°	1131.1	1372.2	2088.9	3983.4	7425.7	12070.0	17121.2	23632.3	39823.8	74131.4	123152.9
0°	1143.3	1378.0	2102.2	4170.8	7590.7	12324.8	17162.8	23925.3	41138.4	77750.5	129014.3
-2.5°	1131.1	1372.2	2088.9	3983.4	7425.7	12070.0	17121.2	23632.3	39823.8	74131.4	123152.9
-5°	1114.8	1352.6	2023.5	3767.2	6938.8	11318.3	16275.3	22541.0	35989.8	64862.4	106702.9
-7.5°	1091.6	1316.3	1901.0	3396.2	6169.2	10182.8	15081.4	20919.1	30279.2	48837.6	83586.1
-10°	1057.6	1261.7	1724.7	2900.6	5203.1	8643.7	13213.9	18456.1	24681.9	35728.1	56377.8
-12.5°	1017.2	1192.8	1490.3	2235.5	4135.6	7012.2	10923.2	15575.6	20709.2	26226.4	34962.0
-15°	973.5	1124.3	1350.4	1915.2	3209.7	5397.5	8365.3	12145.9	16425.1	20451.6	23886.1
-17.5°	933.8	1062.6	1231.5	1520.3	2206.1	3855.1	6123.0	8912.1	12050.3	15235.3	17909.5
-20°	885.8	989.7	1118.9	1310.9	1727.1	2496.7	4030.0	6040.0	8068.0	10545.4	12687.8



REPORT NUMBER: P559255 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	843.2	931.4	1034.5	1149.5	1348.3	1798.1	2481.2	3732.1	5159.3	6674.2	8217.1
-25°	800.9	871.6	957.7	1052.0	1166.4	1341.1	1699.7	2114.6	3038.5	3903.5	4902.7
-27.5°	759.1	821.1	888.1	960.9	1046.0	1141.5	1291.5	1478.3	1796.9	2035.0	2674.6
-30°	716.5	768.4	826.0	889.2	951.1	1025.8	1103.6	1204.6	1310.5	1431.3	1616.8
-32.5°	681.5	720.9	765.9	818.0	870.7	927.9	987.7	1049.4	1108.9	1170.9	1232.8
-35°	646.6	679.2	716.1	755.2	797.4	840.6	882.2	930.3	972.6	1010.3	1041.1
-37.5°	616.8	639.7	669.9	701.3	735.1	769.2	801.5	831.7	857.4	886.8	908.7
-40°	591.9	607.9	631.7	656.1	682.2	704.2	731.8	755.5	775.0	792.8	806.3
-42.5°	570.7	585.0	600.9	620.6	640.7	661.2	679.1	692.3	702.0	713.9	723.8
-45°	553.6	565.0	576.7	591.1	606.4	624.8	641.5	652.1	652.1	652.5	654.9
-47.5°	537.0	547.6	557.5	566.9	577.8	592.0	606.3	613.1	612.6	609.6	608.1
-50°	520.2	531.0	540.1	547.7	555.2	563.6	572.5	576.8	578.6	577.3	575.9
-52.5°	501.8	512.0	522.1	530.6	536.1	541.1	545.5	550.4	553.2	553.6	553.4
-55°	479.0	490.0	500.3	508.9	516.1	522.2	527.3	531.4	534.5	536.8	538.6
-57.5°	452.3	464.5	475.5	484.3	492.5	500.0	506.9	512.7	517.2	520.7	523.7
-60°	421.6	434.9	445.6	455.4	464.5	472.8	479.9	486.9	493.4	499.2	503.6
-62.5°	386.9	399.6	410.6	421.1	431.1	439.6	446.7	453.3	459.5	464.4	467.6
-65°	347.9	359.8	371.1	381.2	390.0	398.1	406.5	413.7	419.9	424.5	427.5
-67.5°	307.9	318.4	329.0	338.8	347.6	355.3	362.7	369.6	375.8	380.6	383.8
-70°	267.5	276.8	286.1	294.9	302.9	310.2	316.8	322.6	327.7	332.1	335.6
-72.5°	225.8	234.4	242.1	249.1	255.7	262.3	268.4	273.8	278.5	282.5	285.8
-75°	182.6	190.1	197.2	203.7	209.3	214.3	218.9	223.1	226.8	230.3	233.1
-77.5°	141.8	147.4	152.7	157.7	162.4	166.9	170.8	173.9	176.4	179.4	182.3
-80°	100.9	105.5	109.6	113.3	116.4	120.4	124.3	127.8	131.0	133.0	134.6
-82.5°	67.1	69.8	72.3	74.6	76.8	79.3	81.8	84.1	86.3	87.7	88.7
-85°	39.3	40.6	41.8	42.9	44.0	45.3	46.4	47.4	48.2	49.6	51.0
-87.5°	16.5	16.3	16.0	15.6	15.2	16.3	17.3	18.4	19.4	19.6	19.8
-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: P559255 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-NR-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°	19.9	20.0	20.1	20.1	20.1	20.0	19.9	19.8	19.6	19.4	18.4
85°	52.2	53.3	51.9	50.3	51.9	53.3	52.2	51.0	49.6	48.2	47.4
82.5°	89.5	90.1	90.4	90.5	90.4	90.1	89.5	88.7	87.7	86.3	84.1
80°	135.9	136.8	138.9	140.8	138.9	136.8	135.9	134.6	133.0	131.0	127.8
77.5°	184.7	186.8	187.6	187.8	187.6	186.8	184.7	182.3	179.4	176.4	173.9
75°	235.3	236.8	241.0	244.8	241.0	236.8	235.3	233.1	230.3	226.8	223.1
72.5°	288.4	290.2	292.9	295.0	292.9	290.2	288.4	285.8	282.5	278.5	273.8
70°	338.4	340.4	341.6	342.0	341.6	340.4	338.4	335.6	332.1	327.7	322.6
67.5°	386.1	387.3	387.0	385.6	387.0	387.3	386.1	383.8	380.6	375.8	369.6
65°	429.6	430.9	430.6	429.2	430.6	430.9	429.6	427.5	424.5	419.9	413.7
62.5°	469.8	471.1	472.2	472.7	472.2	471.1	469.8	467.6	464.4	459.5	453.3
60°	507.5	510.7	512.5	513.0	512.5	510.7	507.5	503.6	499.2	493.4	486.9
57.5°	526.3	528.5	529.5	529.7	529.5	528.5	526.3	523.7	520.7	517.2	512.7
55°	539.4	539.5	538.3	536.4	538.3	539.5	539.4	538.6	536.8	534.5	531.4
52.5°	552.4	550.5	549.7	549.9	549.7	550.5	552.4	553.4	553.6	553.2	550.4
50°	574.1	571.0	569.6	570.0	569.6	571.0	574.1	575.9	577.3	578.6	576.8
47.5°	610.1	611.4	612.7	613.6	612.7	611.4	610.1	608.1	609.6	612.6	613.1
45°	661.7	666.4	669.4	670.6	669.4	666.4	661.7	654.9	652.5	652.1	652.1
42.5°	733.8	739.6	741.7	741.0	741.7	739.6	733.8	723.8	713.9	702.0	692.3
40°	820.5	831.7	838.2	838.2	838.2	831.7	820.5	806.3	792.8	775.0	755.5
37.5°	928.4	943.5	951.1	948.8	951.1	943.5	928.4	908.7	886.8	857.4	831.7
35°	1064.7	1079.6	1085.8	1093.0	1085.8	1079.6	1064.7	1041.1	1010.3	972.6	930.3
32.5°	1281.6	1312.0	1324.2	1307.6	1324.2	1312.0	1281.6	1232.8	1170.9	1108.9	1049.4
30°	1742.3	1853.6	1928.0	1964.7	1928.0	1853.6	1742.3	1616.8	1431.3	1310.5	1204.6
27.5°	3114.8	3406.1	3529.4	3597.5	3529.4	3406.1	3114.8	2674.6	2035.0	1796.9	1478.3
25°	5758.4	6380.2	6738.0	6708.9	6738.0	6380.2	5758.4	4902.7	3903.5	3038.5	2114.6
22.5°	9650.8	10631.7	11220.1	11436.3	11220.1	10631.7	9650.8	8217.1	6674.2	5159.3	3732.1
20°	14476.1	15576.1	16151.3	16237.4	16151.3	15576.1	14476.1	12687.8	10545.4	8068.0	6040.0
17.5°	20014.2	21057.0	21663.1	21655.5	21663.1	21057.0	20014.2	17909.5	15235.3	12050.3	8912.1
15°	28564.0	32600.1	34876.0	34543.5	34876.0	32600.1	28564.0	23886.1	20451.6	16425.1	12145.9
12.5°	46804.0	62924.6	72924.1	75393.5	72924.1	62924.6	46804.0	34962.0	26226.4	20709.2	15575.6
10°	82708.8	106826.2	126086.9	131652.9	126086.9	106826.2	82708.8	56377.8	35728.1	24681.9	18456.1
7.5°	118971.2	147594.7	159374.5	160743.1	159374.5	147594.7	118971.2	83586.1	48837.6	30279.2	20919.1
5°	146342.2	175467.6	178838.8	170370.6	178838.8	175467.6	146342.2	106702.9	64862.4	35989.8	22541.0
2.5°	164409.4	186414.0	189556.6	184998.7	189556.6	186414.0	164409.4	123152.9	74131.4	39823.8	23632.3
0°	168529.9	183503.3	187967.5	188455.4	187967.5	183503.3	168529.9	129014.3	77750.5	41138.4	23925.3
-2.5°	164409.4	186414.0	189556.6	184998.7	189556.6	186414.0	164409.4	123152.9	74131.4	39823.8	23632.3
-5°	146342.2	175467.6	178838.8	170370.6	178838.8	175467.6	146342.2	106702.9	64862.4	35989.8	22541.0
-7.5°	118971.2	147594.7	159374.5	160743.1	159374.5	147594.7	118971.2	83586.1	48837.6	30279.2	20919.1
-10°	82708.8	106826.2	126086.9	131652.9	126086.9	106826.2	82708.8	56377.8	35728.1	24681.9	18456.1
-12.5°	46804.0	62924.6	72924.1	75393.5	72924.1	62924.6	46804.0	34962.0	26226.4	20709.2	15575.6
-15°	28564.0	32600.1	34876.0	34543.5	34876.0	32600.1	28564.0	23886.1	20451.6	16425.1	12145.9
-17.5°	20014.2	21057.0	21663.1	21655.5	21663.1	21057.0	20014.2	17909.5	15235.3	12050.3	8912.1
-20°	14476.1	15576.1	16151.3	16237.4	16151.3	15576.1	14476.1	12687.8	10545.4	8068.0	6040.0



REPORT NUMBER: P559255 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	9650.8	10631.7	11220.1	11436.3	11220.1	10631.7	9650.8	8217.1	6674.2	5159.3	3732.1
-25°	5758.4	6380.2	6738.0	6708.9	6738.0	6380.2	5758.4	4902.7	3903.5	3038.5	2114.6
-27.5°	3114.8	3406.1	3529.4	3597.5	3529.4	3406.1	3114.8	2674.6	2035.0	1796.9	1478.3
-30°	1742.3	1853.6	1928.0	1964.7	1928.0	1853.6	1742.3	1616.8	1431.3	1310.5	1204.6
-32.5°	1281.6	1312.0	1324.2	1307.6	1324.2	1312.0	1281.6	1232.8	1170.9	1108.9	1049.4
-35°	1064.7	1079.6	1085.8	1093.0	1085.8	1079.6	1064.7	1041.1	1010.3	972.6	930.3
-37.5°	928.4	943.5	951.1	948.8	951.1	943.5	928.4	908.7	886.8	857.4	831.7
-40°	820.5	831.7	838.2	838.2	838.2	831.7	820.5	806.3	792.8	775.0	755.5
-42.5°	733.8	739.6	741.7	741.0	741.7	739.6	733.8	723.8	713.9	702.0	692.3
-45°	661.7	666.4	669.4	670.6	669.4	666.4	661.7	654.9	652.5	652.1	652.1
-47.5°	610.1	611.4	612.7	613.6	612.7	611.4	610.1	608.1	609.6	612.6	613.1
-50°	574.1	571.0	569.6	570.0	569.6	571.0	574.1	575.9	577.3	578.6	576.8
-52.5°	552.4	550.5	549.7	549.9	549.7	550.5	552.4	553.4	553.6	553.2	550.4
-55°	539.4	539.5	538.3	536.4	538.3	539.5	539.4	538.6	536.8	534.5	531.4
-57.5°	526.3	528.5	529.5	529.7	529.5	528.5	526.3	523.7	520.7	517.2	512.7
-60°	507.5	510.7	512.5	513.0	512.5	510.7	507.5	503.6	499.2	493.4	486.9
-62.5°	469.8	471.1	472.2	472.7	472.2	471.1	469.8	467.6	464.4	459.5	453.3
-65°	429.6	430.9	430.6	429.2	430.6	430.9	429.6	427.5	424.5	419.9	413.7
-67.5°	386.1	387.3	387.0	385.6	387.0	387.3	386.1	383.8	380.6	375.8	369.6
-70°	338.4	340.4	341.6	342.0	341.6	340.4	338.4	335.6	332.1	327.7	322.6
-72.5°	288.4	290.2	292.9	295.0	292.9	290.2	288.4	285.8	282.5	278.5	273.8
-75°	235.3	236.8	241.0	244.8	241.0	236.8	235.3	233.1	230.3	226.8	223.1
-77.5°	184.7	186.8	187.6	187.8	187.6	186.8	184.7	182.3	179.4	176.4	173.9
-80°	135.9	136.8	138.9	140.8	138.9	136.8	135.9	134.6	133.0	131.0	127.8
-82.5°	89.5	90.1	90.4	90.5	90.4	90.1	89.5	88.7	87.7	86.3	84.1
-85°	52.2	53.3	51.9	50.3	51.9	53.3	52.2	51.0	49.6	48.2	47.4
-87.5°	19.9	20.0	20.1	20.1	20.1	20.0	19.9	19.8	19.6	19.4	18.4
-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: P559255 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-NR-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°	17.3	16.3	15.2	15.6	16.0	16.3	16.5	15.9	15.4	14.8	14.2
85°	46.4	45.3	44.0	42.9	41.8	40.6	39.3	37.3	35.2	33.2	31.2
82.5°	81.8	79.3	76.8	74.6	72.3	69.8	67.1	64.0	60.5	56.5	52.1
80°	124.3	120.4	116.4	113.3	109.6	105.5	100.9	96.4	91.8	87.4	82.7
77.5°	170.8	166.9	162.4	157.7	152.7	147.4	141.8	135.3	128.7	121.9	115.0
75°	218.9	214.3	209.3	203.7	197.2	190.1	182.6	174.7	166.4	157.6	148.5
72.5°	268.4	262.3	255.7	249.1	242.1	234.4	225.8	216.4	206.0	194.8	183.7
70°	316.8	310.2	302.9	294.9	286.1	276.8	267.5	257.8	247.5	235.6	221.8
67.5°	362.7	355.3	347.6	338.8	329.0	318.4	307.9	296.8	285.0	272.6	258.3
65°	406.5	398.1	390.0	381.2	371.1	359.8	347.9	335.5	322.2	308.2	292.7
62.5°	446.7	439.6	431.1	421.1	410.6	399.6	386.9	372.7	358.4	343.4	326.3
60°	479.9	472.8	464.5	455.4	445.6	434.9	421.6	407.5	392.7	376.0	358.6
57.5°	506.9	500.0	492.5	484.3	475.5	464.5	452.3	439.3	423.8	406.9	389.1
55°	527.3	522.2	516.1	508.9	500.3	490.0	479.0	466.3	451.6	436.1	417.2
52.5°	545.5	541.1	536.1	530.6	522.1	512.0	501.8	489.4	476.3	460.5	443.2
50°	572.5	563.6	555.2	547.7	540.1	531.0	520.2	509.1	496.8	482.2	465.8
47.5°	606.3	592.0	577.8	566.9	557.5	547.6	537.0	525.9	514.4	501.4	485.2
45°	641.5	624.8	606.4	591.1	576.7	565.0	553.6	542.4	530.8	517.6	502.9
42.5°	679.1	661.2	640.7	620.6	600.9	585.0	570.7	559.0	546.2	533.3	518.1
40°	731.8	704.2	682.2	656.1	631.7	607.9	591.9	575.9	562.1	547.4	532.6
37.5°	801.5	769.2	735.1	701.3	669.9	639.7	616.8	597.3	578.6	562.5	545.8
35°	882.2	840.6	797.4	755.2	716.1	679.2	646.6	621.1	599.2	579.0	559.8
32.5°	987.7	927.9	870.7	818.0	765.9	720.9	681.5	648.4	621.7	598.6	575.7
30°	1103.6	1025.8	951.1	889.2	826.0	768.4	716.5	677.2	646.1	619.4	592.6
27.5°	1291.5	1141.5	1046.0	960.9	888.1	821.1	759.1	703.0	668.6	640.2	611.2
25°	1699.7	1341.1	1166.4	1052.0	957.7	871.6	800.9	736.7	688.8	657.9	621.2
22.5°	2481.2	1798.1	1348.3	1149.5	1034.5	931.4	843.2	771.0	704.7	665.7	627.9
20°	4030.0	2496.7	1727.1	1310.9	1118.9	989.7	885.8	804.3	730.9	674.6	632.7
17.5°	6123.0	3855.1	2206.1	1520.3	1231.5	1062.6	933.8	835.0	754.5	684.2	635.4
15°	8365.3	5397.5	3209.7	1915.2	1350.4	1124.3	973.5	863.1	776.4	698.7	642.5
12.5°	10923.2	7012.2	4135.6	2235.5	1490.3	1192.8	1017.2	894.1	798.1	716.0	653.8
10°	13213.9	8643.7	5203.1	2900.6	1724.7	1261.7	1057.6	921.6	818.4	730.4	662.6
7.5°	15081.4	10182.8	6169.2	3396.2	1901.0	1316.3	1091.6	944.7	835.1	740.9	669.0
5°	16275.3	11318.3	6938.8	3767.2	2023.5	1352.6	1114.8	962.0	847.6	747.5	672.9
2.5°	17121.2	12070.0	7425.7	3983.4	2088.9	1372.2	1131.1	972.4	857.0	755.6	679.5
0°	17162.8	12324.8	7590.7	4170.8	2102.2	1378.0	1143.3	975.7	861.7	761.1	684.0
-2.5°	17121.2	12070.0	7425.7	3983.4	2088.9	1372.2	1131.1	972.4	857.0	755.6	679.5
-5°	16275.3	11318.3	6938.8	3767.2	2023.5	1352.6	1114.8	962.0	847.6	747.5	672.9
-7.5°	15081.4	10182.8	6169.2	3396.2	1901.0	1316.3	1091.6	944.7	835.1	740.9	669.0
-10°	13213.9	8643.7	5203.1	2900.6	1724.7	1261.7	1057.6	921.6	818.4	730.4	662.6
-12.5°	10923.2	7012.2	4135.6	2235.5	1490.3	1192.8	1017.2	894.1	798.1	716.0	653.8
-15°	8365.3	5397.5	3209.7	1915.2	1350.4	1124.3	973.5	863.1	776.4	698.7	642.5
-17.5°	6123.0	3855.1	2206.1	1520.3	1231.5	1062.6	933.8	835.0	754.5	684.2	635.4
-20°	4030.0	2496.7	1727.1	1310.9	1118.9	989.7	885.8	804.3	730.9	674.6	632.7



REPORT NUMBER: P559255 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2481.2	1798.1	1348.3	1149.5	1034.5	931.4	843.2	771.0	704.7	665.7	627.9
-25°	1699.7	1341.1	1166.4	1052.0	957.7	871.6	800.9	736.7	688.8	657.9	621.2
-27.5°	1291.5	1141.5	1046.0	960.9	888.1	821.1	759.1	703.0	668.6	640.2	611.2
-30°	1103.6	1025.8	951.1	889.2	826.0	768.4	716.5	677.2	646.1	619.4	592.6
-32.5°	987.7	927.9	870.7	818.0	765.9	720.9	681.5	648.4	621.7	598.6	575.7
-35°	882.2	840.6	797.4	755.2	716.1	679.2	646.6	621.1	599.2	579.0	559.8
-37.5°	801.5	769.2	735.1	701.3	669.9	639.7	616.8	597.3	578.6	562.5	545.8
-40°	731.8	704.2	682.2	656.1	631.7	607.9	591.9	575.9	562.1	547.4	532.6
-42.5°	679.1	661.2	640.7	620.6	600.9	585.0	570.7	559.0	546.2	533.3	518.1
-45°	641.5	624.8	606.4	591.1	576.7	565.0	553.6	542.4	530.8	517.6	502.9
-47.5°	606.3	592.0	577.8	566.9	557.5	547.6	537.0	525.9	514.4	501.4	485.2
-50°	572.5	563.6	555.2	547.7	540.1	531.0	520.2	509.1	496.8	482.2	465.8
-52.5°	545.5	541.1	536.1	530.6	522.1	512.0	501.8	489.4	476.3	460.5	443.2
-55°	527.3	522.2	516.1	508.9	500.3	490.0	479.0	466.3	451.6	436.1	417.2
-57.5°	506.9	500.0	492.5	484.3	475.5	464.5	452.3	439.3	423.8	406.9	389.1
-60°	479.9	472.8	464.5	455.4	445.6	434.9	421.6	407.5	392.7	376.0	358.6
-62.5°	446.7	439.6	431.1	421.1	410.6	399.6	386.9	372.7	358.4	343.4	326.3
-65°	406.5	398.1	390.0	381.2	371.1	359.8	347.9	335.5	322.2	308.2	292.7
-67.5°	362.7	355.3	347.6	338.8	329.0	318.4	307.9	296.8	285.0	272.6	258.3
-70°	316.8	310.2	302.9	294.9	286.1	276.8	267.5	257.8	247.5	235.6	221.8
-72.5°	268.4	262.3	255.7	249.1	242.1	234.4	225.8	216.4	206.0	194.8	183.7
-75°	218.9	214.3	209.3	203.7	197.2	190.1	182.6	174.7	166.4	157.6	148.5
-77.5°	170.8	166.9	162.4	157.7	152.7	147.4	141.8	135.3	128.7	121.9	115.0
-80°	124.3	120.4	116.4	113.3	109.6	105.5	100.9	96.4	91.8	87.4	82.7
-82.5°	81.8	79.3	76.8	74.6	72.3	69.8	67.1	64.0	60.5	56.5	52.1
-85°	46.4	45.3	44.0	42.9	41.8	40.6	39.3	37.3	35.2	33.2	31.2
-87.5°	17.3	16.3	15.2	15.6	16.0	16.3	16.5	15.9	15.4	14.8	14.2
-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: P559255 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-NR-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°	13.6	12.9	12.2	11.5	10.8	10.0	9.3	8.5	7.7	6.9	6.0
85°	29.8	28.2	26.5	24.5	22.4	20.1	18.5	17.0	15.4	13.7	12.1
82.5°	48.8	46.5	44.3	41.8	39.0	36.0	32.6	29.0	24.8	20.8	18.1
80°	77.5	72.3	67.1	61.9	56.8	51.8	47.6	42.9	37.2	31.6	26.2
77.5°	107.6	99.8	91.8	84.6	77.6	70.8	64.0	57.1	49.4	42.2	35.3
75°	138.9	129.5	119.9	110.0	99.8	89.5	81.0	72.4	62.9	53.0	44.3
72.5°	173.0	161.5	149.2	136.2	124.3	112.1	99.5	87.5	76.9	65.7	53.9
70°	207.8	194.2	180.5	165.4	149.8	134.6	120.3	105.7	90.9	78.3	65.1
67.5°	242.8	226.5	210.6	194.0	176.4	158.7	141.1	124.5	107.8	90.9	76.3
65°	276.1	258.3	239.5	221.0	202.0	182.5	162.8	143.3	124.5	105.7	87.3
62.5°	308.6	290.0	269.4	247.9	226.8	205.5	184.0	162.7	141.1	120.3	99.5
60°	340.1	320.1	298.5	275.0	251.4	228.0	204.8	181.7	158.2	134.6	112.1
57.5°	369.4	349.1	325.6	301.1	275.7	250.2	225.2	200.3	175.0	149.4	124.3
55°	397.5	375.7	351.6	325.9	299.1	271.7	245.3	218.5	191.4	163.9	136.2
52.5°	423.4	400.7	375.8	349.5	321.5	292.9	265.1	236.2	207.3	178.1	148.6
50°	446.8	424.0	398.6	371.5	343.1	313.6	284.6	253.9	222.7	191.8	160.7
47.5°	467.3	444.9	419.7	392.4	362.8	333.5	302.9	271.3	237.7	205.1	172.6
45°	484.8	464.1	439.3	411.4	382.6	352.1	320.2	288.2	252.9	218.0	184.0
42.5°	501.3	481.0	457.1	429.7	401.0	370.1	336.7	303.4	267.7	230.5	195.0
40°	515.4	496.4	473.7	446.9	418.7	387.5	352.7	317.5	282.0	242.6	205.4
37.5°	528.7	510.0	487.9	464.3	435.6	403.3	368.1	330.9	295.0	254.6	215.3
35°	541.1	521.9	502.6	479.3	451.1	418.6	382.9	343.7	306.1	265.8	224.7
32.5°	553.4	533.4	513.9	492.1	466.2	433.3	396.5	356.1	316.6	276.3	233.6
30°	567.1	543.5	524.1	504.0	479.6	446.5	408.8	367.4	326.5	286.1	242.0
27.5°	578.0	551.8	533.1	513.3	489.8	459.0	419.5	377.6	335.7	294.7	249.9
25°	587.1	560.0	539.9	521.3	499.2	468.9	429.3	386.7	344.1	302.2	257.2
22.5°	594.3	566.8	545.2	528.4	507.8	477.9	437.8	394.7	351.6	309.0	263.8
20°	598.3	571.7	549.2	534.4	515.1	484.5	445.1	401.8	358.2	315.1	269.7
17.5°	599.7	575.4	554.1	538.3	520.6	491.2	451.4	408.1	363.9	320.5	274.9
15°	605.3	578.8	557.9	541.6	525.2	497.7	456.9	413.4	368.6	325.3	279.3
12.5°	611.3	581.4	560.3	544.3	529.0	504.0	461.4	417.8	372.5	329.3	283.1
10°	616.4	583.2	561.6	546.5	532.1	509.8	464.9	421.4	376.4	332.7	286.2
7.5°	620.6	584.1	561.9	548.0	534.5	514.4	468.2	424.1	379.9	335.3	288.6
5°	623.8	584.4	561.7	549.1	536.6	517.3	470.7	425.6	382.5	337.1	290.3
2.5°	626.2	584.4	561.0	549.7	538.5	519.1	472.2	426.2	384.5	338.2	291.4
0°	627.0	583.4	559.9	549.9	539.8	519.7	472.7	425.8	385.6	338.6	291.7
-2.5°	626.2	584.4	561.0	549.7	538.5	519.1	472.2	426.2	384.5	338.2	291.4
-5°	623.8	584.4	561.7	549.1	536.6	517.3	470.7	425.6	382.5	337.1	290.3
-7.5°	620.6	584.1	561.9	548.0	534.5	514.4	468.2	424.1	379.9	335.3	288.6
-10°	616.4	583.2	561.6	546.5	532.1	509.8	464.9	421.4	376.4	332.7	286.2
-12.5°	611.3	581.4	560.3	544.3	529.0	504.0	461.4	417.8	372.5	329.3	283.1
-15°	605.3	578.8	557.9	541.6	525.2	497.7	456.9	413.4	368.6	325.3	279.3
-17.5°	599.7	575.4	554.1	538.3	520.6	491.2	451.4	408.1	363.9	320.5	274.9
-20°	598.3	571.7	549.2	534.4	515.1	484.5	445.1	401.8	358.2	315.1	269.7



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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°	594.3	566.8	545.2	528.4	507.8	477.9	437.8	394.7	351.6	309.0	263.8
-25°	587.1	560.0	539.9	521.3	499.2	468.9	429.3	386.7	344.1	302.2	257.2
-27.5°	578.0	551.8	533.1	513.3	489.8	459.0	419.5	377.6	335.7	294.7	249.9
-30°	567.1	543.5	524.1	504.0	479.6	446.5	408.8	367.4	326.5	286.1	242.0
-32.5°	553.4	533.4	513.9	492.1	466.2	433.3	396.5	356.1	316.6	276.3	233.6
-35°	541.1	521.9	502.6	479.3	451.1	418.6	382.9	343.7	306.1	265.8	224.7
-37.5°	528.7	510.0	487.9	464.3	435.6	403.3	368.1	330.9	295.0	254.6	215.3
-40°	515.4	496.4	473.7	446.9	418.7	387.5	352.7	317.5	282.0	242.6	205.4
-42.5°	501.3	481.0	457.1	429.7	401.0	370.1	336.7	303.4	267.7	230.5	195.0
-45°	484.8	464.1	439.3	411.4	382.6	352.1	320.2	288.2	252.9	218.0	184.0
-47.5°	467.3	444.9	419.7	392.4	362.8	333.5	302.9	271.3	237.7	205.1	172.6
-50°	446.8	424.0	398.6	371.5	343.1	313.6	284.6	253.9	222.7	191.8	160.7
-52.5°	423.4	400.7	375.8	349.5	321.5	292.9	265.1	236.2	207.3	178.1	148.6
-55°	397.5	375.7	351.6	325.9	299.1	271.7	245.3	218.5	191.4	163.9	136.2
-57.5°	369.4	349.1	325.6	301.1	275.7	250.2	225.2	200.3	175.0	149.4	124.3
-60°	340.1	320.1	298.5	275.0	251.4	228.0	204.8	181.7	158.2	134.6	112.1
-62.5°	308.6	290.0	269.4	247.9	226.8	205.5	184.0	162.7	141.1	120.3	99.5
-65°	276.1	258.3	239.5	221.0	202.0	182.5	162.8	143.3	124.5	105.7	87.3
-67.5°	242.8	226.5	210.6	194.0	176.4	158.7	141.1	124.5	107.8	90.9	76.3
-70°	207.8	194.2	180.5	165.4	149.8	134.6	120.3	105.7	90.9	78.3	65.1
-72.5°	173.0	161.5	149.2	136.2	124.3	112.1	99.5	87.5	76.9	65.7	53.9
-75°	138.9	129.5	119.9	110.0	99.8	89.5	81.0	72.4	62.9	53.0	44.3
-77.5°	107.6	99.8	91.8	84.6	77.6	70.8	64.0	57.1	49.4	42.2	35.3
-80°	77.5	72.3	67.1	61.9	56.8	51.8	47.6	42.9	37.2	31.6	26.2
-82.5°	48.8	46.5	44.3	41.8	39.0	36.0	32.6	29.0	24.8	20.8	18.1
-85°	29.8	28.2	26.5	24.5	22.4	20.1	18.5	17.0	15.4	13.7	12.1
-87.5°	13.6	12.9	12.2	11.5	10.8	10.0	9.3	8.5	7.7	6.9	6.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.2	4.3	3.5	2.6	1.8	0.9	0.0
85°	10.4	8.7	7.0	5.2	3.5	1.8	0.0
82.5°	15.6	13.0	10.4	7.8	5.2	2.6	0.0
80°	21.0	17.3	13.9	10.4	7.0	3.5	0.0
77.5°	28.7	22.4	17.3	13.0	8.7	4.3	0.0
75°	36.4	29.0	21.1	15.6	10.4	5.2	0.0
72.5°	44.0	35.5	26.4	18.1	12.1	6.0	0.0
70°	51.8	41.9	31.7	20.9	13.7	6.9	0.0
67.5°	61.6	48.3	36.9	24.9	15.4	7.7	0.0
65°	71.1	55.4	42.1	28.8	17.0	8.5	0.0
62.5°	80.4	63.0	47.1	32.7	18.5	9.3	0.0
60°	89.5	70.5	52.1	36.5	20.1	10.0	0.0
57.5°	99.8	77.8	57.8	40.2	22.6	10.8	0.0
55°	110.0	84.8	63.4	43.9	25.0	11.5	0.0
52.5°	119.9	91.8	68.8	47.4	27.4	12.2	0.0
50°	129.5	99.8	74.0	50.9	29.6	12.9	0.0
47.5°	138.9	107.6	79.0	54.3	31.8	13.6	0.0
45°	148.8	115.0	83.8	57.9	33.9	14.2	0.0
42.5°	158.3	122.1	88.3	61.3	36.0	14.8	0.0
40°	167.4	128.9	93.2	64.5	37.9	15.4	0.0
37.5°	176.1	135.4	98.4	67.5	39.7	15.9	0.0
35°	184.4	142.0	103.2	70.4	41.5	16.5	0.0
32.5°	192.2	148.5	107.8	73.1	43.1	17.0	0.0
30°	199.3	154.6	112.1	75.6	44.6	17.4	0.0
27.5°	206.0	160.3	116.2	77.9	46.0	17.8	0.0
25°	212.1	165.6	120.0	80.1	47.3	18.2	0.0
22.5°	217.7	170.4	123.6	82.0	48.5	18.6	0.0
20°	222.7	174.8	126.8	83.8	49.6	18.9	0.0
17.5°	227.1	178.7	129.8	85.3	50.5	19.2	0.0
15°	230.9	182.0	132.4	86.7	51.3	19.4	0.0
12.5°	234.1	184.8	134.7	87.9	52.0	19.6	0.0
10°	236.7	187.1	136.6	88.8	52.6	19.8	0.0
7.5°	238.8	188.9	138.2	89.5	53.0	19.9	0.0
5°	240.2	190.1	139.5	90.1	53.3	20.0	0.0
2.5°	241.1	190.9	140.3	90.4	53.5	20.1	0.0
0°	241.4	191.1	140.8	90.5	53.6	20.1	0.0
-2.5°	241.1	190.9	140.3	90.4	53.5	20.1	0.0
-5°	240.2	190.1	139.5	90.1	53.3	20.0	0.0
-7.5°	238.8	188.9	138.2	89.5	53.0	19.9	0.0
-10°	236.7	187.1	136.6	88.8	52.6	19.8	0.0
-12.5°	234.1	184.8	134.7	87.9	52.0	19.6	0.0
-15°	230.9	182.0	132.4	86.7	51.3	19.4	0.0
-17.5°	227.1	178.7	129.8	85.3	50.5	19.2	0.0
-20°	222.7	174.8	126.8	83.8	49.6	18.9	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	217.7	170.4	123.6	82.0	48.5	18.6	0.0
-25°	212.1	165.6	120.0	80.1	47.3	18.2	0.0
-27.5°	206.0	160.3	116.2	77.9	46.0	17.8	0.0
-30°	199.3	154.6	112.1	75.6	44.6	17.4	0.0
-32.5°	192.2	148.5	107.8	73.1	43.1	17.0	0.0
-35°	184.4	142.0	103.2	70.4	41.5	16.5	0.0
-37.5°	176.1	135.4	98.4	67.5	39.7	15.9	0.0
-40°	167.4	128.9	93.2	64.5	37.9	15.4	0.0
-42.5°	158.3	122.1	88.3	61.3	36.0	14.8	0.0
-45°	148.8	115.0	83.8	57.9	33.9	14.2	0.0
-47.5°	138.9	107.6	79.0	54.3	31.8	13.6	0.0
-50°	129.5	99.8	74.0	50.9	29.6	12.9	0.0
-52.5°	119.9	91.8	68.8	47.4	27.4	12.2	0.0
-55°	110.0	84.8	63.4	43.9	25.0	11.5	0.0
-57.5°	99.8	77.8	57.8	40.2	22.6	10.8	0.0
-60°	89.5	70.5	52.1	36.5	20.1	10.0	0.0
-62.5°	80.4	63.0	47.1	32.7	18.5	9.3	0.0
-65°	71.1	55.4	42.1	28.8	17.0	8.5	0.0
-67.5°	61.6	48.3	36.9	24.9	15.4	7.7	0.0
-70°	51.8	41.9	31.7	20.9	13.7	6.9	0.0
-72.5°	44.0	35.5	26.4	18.1	12.1	6.0	0.0
-75°	36.4	29.0	21.1	15.6	10.4	5.2	0.0
-77.5°	28.7	22.4	17.3	13.0	8.7	4.3	0.0
-80°	21.0	17.3	13.9	10.4	7.0	3.5	0.0
-82.5°	15.6	13.0	10.4	7.8	5.2	2.6	0.0
-85°	10.4	8.7	7.0	5.2	3.5	1.8	0.0
-87.5°	5.2	4.3	3.5	2.6	1.8	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)