

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: P559219 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-935-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559219 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-6)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA6D-935-U-WR-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, WIDE SYMMETRICAL ROUND N6
Light Source: (96) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

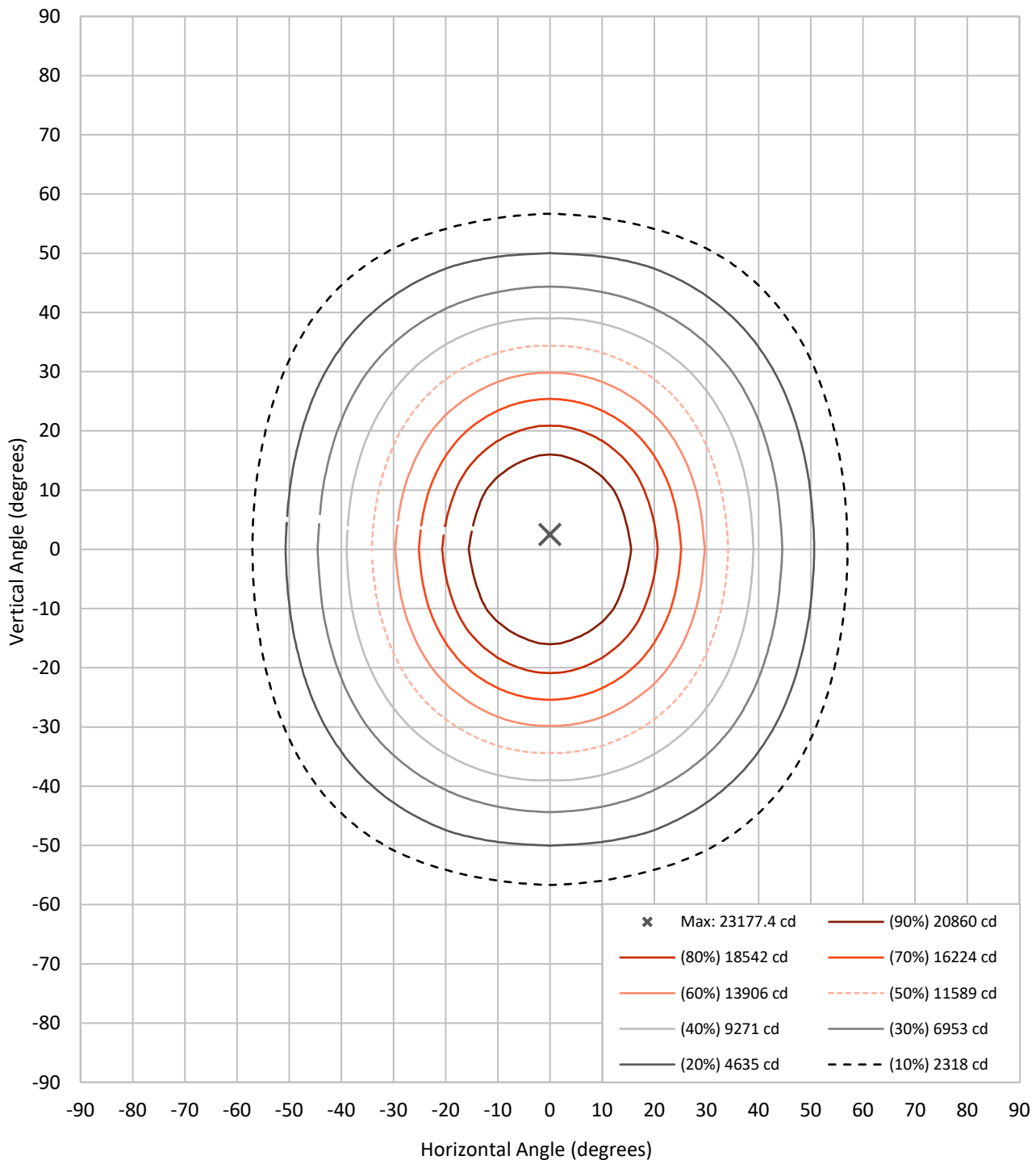
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	31368.5 lumens	Max Intensity:	23177.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	98.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	18807.7 lumens	Field Lumens:	29965.3 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 319
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot





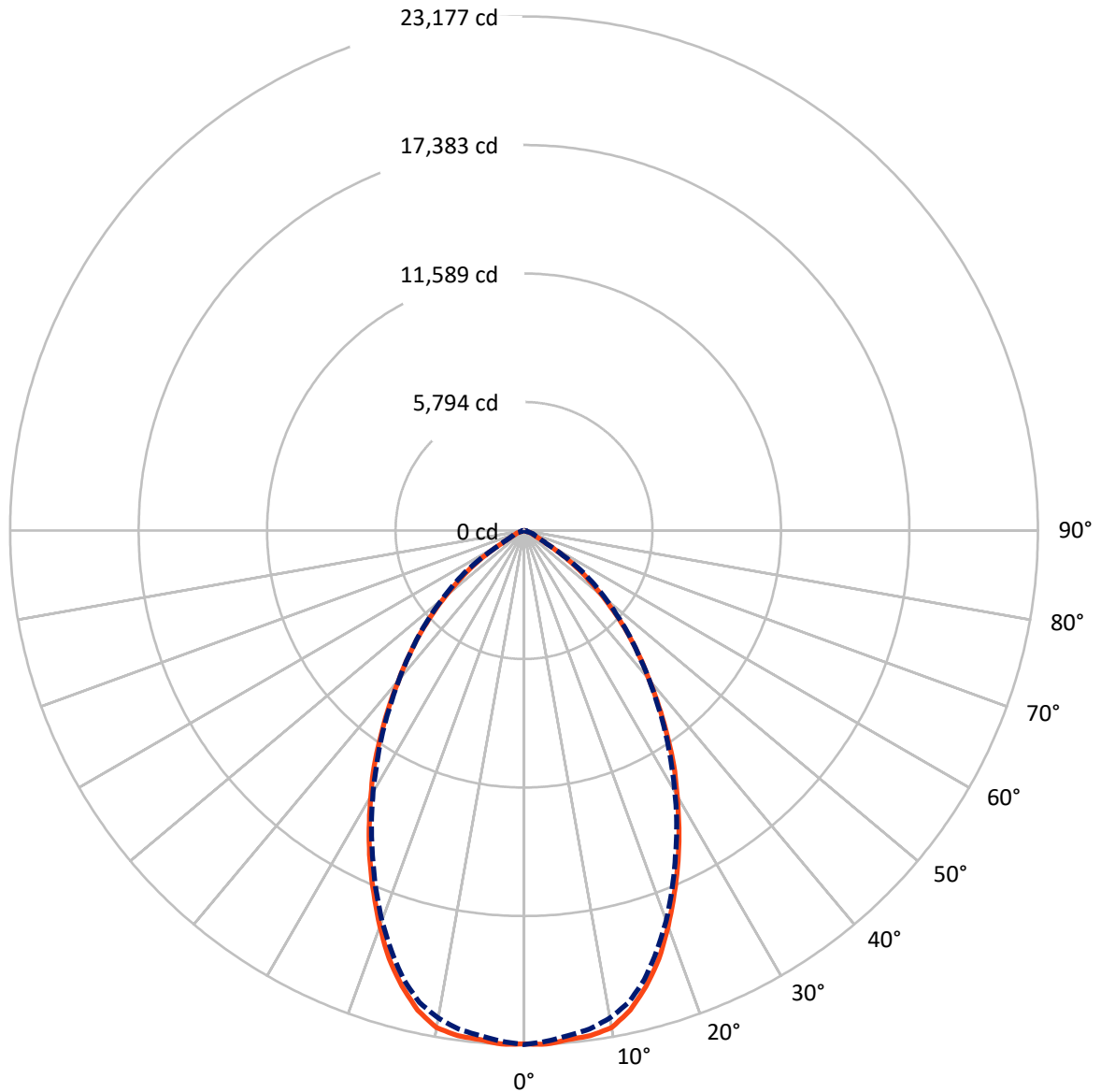
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Lumen Table

90																			
80	0.3	3.0		7.5		13.1		9.2		13.1		7.5		3.0		0.3			
70																			
60	1.4	2.2	4.2	6.7	9.7	12.6	15.6	17.5	17.5	15.6	12.6	9.7	6.7	4.2	2.2	1.4			
50		3.4	7.0	12.6	24.4	47.2	70.7	84.6	84.6	70.7	47.2	24.4	12.6	7.0	3.4				
40	2.5	4.5	10.3	30.0	79.1	131.5	174.9	199.4	199.4	174.9	131.5	79.1	30.0	10.3	4.5	2.5			
30		5.6	17.7	69.3	142.0	221.7	293.7	336.9	336.9	293.7	221.7	142.0	69.3	17.7	5.6				
20	2.7	6.7	32.1	104.7	201.4	315.2	421.3	488.0	488.0	421.3	315.2	201.4	104.7	32.1	6.7	2.7			
10		7.9	45.8	130.4	248.2	393.8	536.4	626.6	626.6	536.4	393.8	248.2	130.4	45.8	7.9				
0	2.8	8.6	53.5	144.1	274.6	440.1	602.5	688.8	688.8	602.5	440.1	274.6	144.1	53.5	8.6	2.8			
-10		8.6	53.5	144.1	274.6	440.1	602.5	688.8	688.8	602.5	440.1	274.6	144.1	53.5	8.6				
-20	2.7	7.9	45.8	130.4	248.2	393.8	536.4	626.6	626.6	536.4	393.8	248.2	130.4	45.8	7.9	2.7			
-30		6.7	32.1	104.7	201.4	315.2	421.3	488.0	488.0	421.3	315.2	201.4	104.7	32.1	6.7				
-40	2.5	5.6	17.7	69.3	142.0	221.7	293.7	336.9	336.9	293.7	221.7	142.0	69.3	17.7	5.6	2.5			
-50		4.5	10.3	30.0	79.1	131.5	174.9	199.4	199.4	174.9	131.5	79.1	30.0	10.3	4.5				
-60	1.4	3.4	7.0	12.6	24.4	47.2	70.7	84.6	84.6	70.7	47.2	24.4	12.6	7.0	3.4	1.4			
-70		2.2	4.2	6.7	9.7	12.6	15.6	17.5	17.5	15.6	12.6	9.7	6.7	4.2	2.2				
-80	0.3	3.0		7.5		13.1		9.2		13.1		7.5		3.0		0.3			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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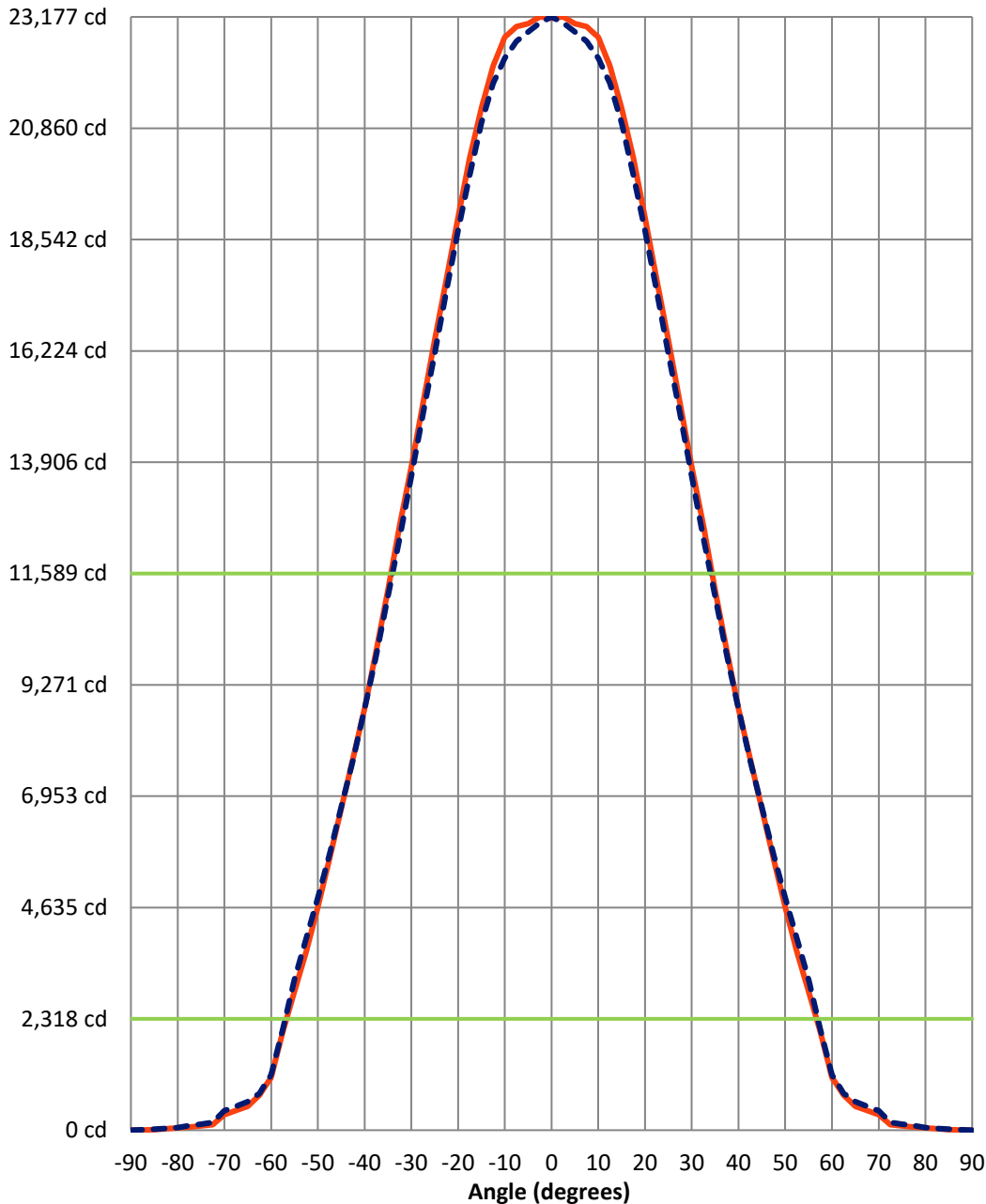
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 68°
 V Angle: 68.7°
 Lumens: 18807.7
 Efficiency: 60.0%

Field:
 H Angle: 114°
 V Angle: 113.4°
 Lumens: 29965.3
 Efficiency: 95.5%

Spill:
 Lumens: 1403.2
 Efficiency: 4.5%

- Vertical Distribution through 0-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	0.4	0.8	1.2	1.5	1.9	2.3	2.7	3.0	3.4	3.8
85°	0.0	0.8	1.5	2.3	3.1	3.8	4.6	5.3	6.1	6.8	7.5
82.5°	0.0	1.2	2.3	3.5	4.6	5.8	6.9	8.0	9.6	13.1	16.8
80°	0.0	1.5	3.1	4.6	6.2	7.7	9.7	14.3	19.1	24.1	29.2
77.5°	0.0	1.9	3.8	5.8	7.7	10.6	16.4	22.5	28.6	35.0	43.6
75°	0.0	2.3	4.6	6.9	9.5	15.3	22.9	30.5	38.7	51.6	64.4
72.5°	0.0	2.7	5.3	8.0	12.6	19.9	29.3	40.1	55.3	70.3	85.1
70°	0.0	3.0	6.1	9.3	15.6	24.3	36.0	54.5	71.7	88.9	113.2
67.5°	0.0	3.4	6.8	11.1	18.5	28.5	46.9	68.7	88.0	113.6	142.4
65°	0.0	3.8	7.5	12.8	21.3	34.1	57.2	82.7	107.9	137.4	170.0
62.5°	0.0	4.1	8.2	14.4	23.8	40.8	66.8	97.7	127.0	160.7	196.3
60°	0.0	4.4	8.9	16.0	26.3	47.0	75.5	112.7	145.2	185.9	222.9
57.5°	0.0	4.8	9.8	17.4	29.9	52.6	84.2	126.2	167.3	211.0	245.1
55°	0.0	5.1	10.7	18.7	33.3	57.6	92.1	136.7	190.5	234.7	265.1
52.5°	0.0	5.4	11.5	20.0	36.2	62.0	98.8	152.2	213.5	253.2	285.2
50°	0.0	5.7	12.3	21.0	38.7	66.1	104.4	166.7	234.5	271.6	306.3
47.5°	0.0	6.0	13.1	22.1	40.8	69.4	109.7	179.3	250.9	289.8	326.3
45°	0.0	6.3	13.9	23.3	42.5	71.8	118.5	190.0	258.0	306.4	344.9
42.5°	0.0	6.6	14.6	24.2	43.6	73.5	125.9	195.9	262.7	321.7	365.4
40°	0.0	6.8	15.3	25.3	44.4	74.3	131.8	198.2	265.5	334.6	385.8
37.5°	0.0	7.1	15.9	26.5	44.8	74.3	136.2	198.9	268.3	340.2	405.5
35°	0.0	7.3	16.6	27.7	44.6	76.0	139.2	197.9	271.1	352.7	425.0
32.5°	0.0	7.5	17.1	28.8	44.0	78.0	139.8	195.2	273.8	368.6	444.5
30°	0.0	7.7	17.7	29.8	42.9	79.0	137.1	192.3	276.4	387.5	463.0
27.5°	0.0	7.9	18.2	30.7	44.0	79.1	133.4	192.9	283.2	409.2	480.3
25°	0.0	8.1	18.6	31.6	45.3	78.1	128.6	193.0	297.8	426.4	496.7
22.5°	0.0	8.2	19.1	32.4	46.6	78.1	122.7	192.6	313.3	439.5	517.6
20°	0.0	8.4	19.4	33.1	47.8	81.8	116.0	191.5	329.3	451.3	536.2
17.5°	0.0	8.5	19.8	33.7	48.8	85.0	114.7	189.7	345.4	462.0	552.5
15°	0.0	8.6	20.1	34.3	49.8	87.8	117.1	188.7	361.1	471.4	566.4
12.5°	0.0	8.7	20.3	34.7	50.7	90.1	119.1	187.5	374.9	479.5	578.0
10°	0.0	8.8	20.5	35.1	51.6	92.0	120.9	183.7	386.4	485.7	586.7
7.5°	0.0	8.8	20.7	35.4	52.2	93.4	122.4	177.9	395.6	490.7	591.7
5°	0.0	8.9	20.8	35.6	52.8	94.5	123.6	170.4	402.1	494.4	594.3
2.5°	0.0	8.9	20.9	35.8	53.3	95.1	124.5	161.6	405.4	496.8	594.7
0°	0.0	8.9	20.9	35.8	53.6	95.3	125.1	152.0	405.2	497.6	592.9
-2.5°	0.0	8.9	20.9	35.8	53.3	95.1	124.5	161.6	405.4	496.8	594.7
-5°	0.0	8.9	20.8	35.6	52.8	94.5	123.6	170.4	402.1	494.4	594.3
-7.5°	0.0	8.8	20.7	35.4	52.2	93.4	122.4	177.9	395.6	490.7	591.7
-10°	0.0	8.8	20.5	35.1	51.6	92.0	120.9	183.7	386.4	485.7	586.7
-12.5°	0.0	8.7	20.3	34.7	50.7	90.1	119.1	187.5	374.9	479.5	578.0
-15°	0.0	8.6	20.1	34.3	49.8	87.8	117.1	188.7	361.1	471.4	566.4
-17.5°	0.0	8.5	19.8	33.7	48.8	85.0	114.7	189.7	345.4	462.0	552.5
-20°	0.0	8.4	19.4	33.1	47.8	81.8	116.0	191.5	329.3	451.3	536.2



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 CATALOG NUMBER: GFLD-SA6D-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	8.2	19.1	32.4	46.6	78.1	122.7	192.6	313.3	439.5	517.6
-25°	0.0	8.1	18.6	31.6	45.3	78.1	128.6	193.0	297.8	426.4	496.7
-27.5°	0.0	7.9	18.2	30.7	44.0	79.1	133.4	192.9	283.2	409.2	480.3
-30°	0.0	7.7	17.7	29.8	42.9	79.0	137.1	192.3	276.4	387.5	463.0
-32.5°	0.0	7.5	17.1	28.8	44.0	78.0	139.8	195.2	273.8	368.6	444.5
-35°	0.0	7.3	16.6	27.7	44.6	76.0	139.2	197.9	271.1	352.7	425.0
-37.5°	0.0	7.1	15.9	26.5	44.8	74.3	136.2	198.9	268.3	340.2	405.5
-40°	0.0	6.8	15.3	25.3	44.4	74.3	131.8	198.2	265.5	334.6	385.8
-42.5°	0.0	6.6	14.6	24.2	43.6	73.5	125.9	195.9	262.7	321.7	365.4
-45°	0.0	6.3	13.9	23.3	42.5	71.8	118.5	190.0	258.0	306.4	344.9
-47.5°	0.0	6.0	13.1	22.1	40.8	69.4	109.7	179.3	250.9	289.8	326.3
-50°	0.0	5.7	12.3	21.0	38.7	66.1	104.4	166.7	234.5	271.6	306.3
-52.5°	0.0	5.4	11.5	20.0	36.2	62.0	98.8	152.2	213.5	253.2	285.2
-55°	0.0	5.1	10.7	18.7	33.3	57.6	92.1	136.7	190.5	234.7	265.1
-57.5°	0.0	4.8	9.8	17.4	29.9	52.6	84.2	126.2	167.3	211.0	245.1
-60°	0.0	4.4	8.9	16.0	26.3	47.0	75.5	112.7	145.2	185.9	222.9
-62.5°	0.0	4.1	8.2	14.4	23.8	40.8	66.8	97.7	127.0	160.7	196.3
-65°	0.0	3.8	7.5	12.8	21.3	34.1	57.2	82.7	107.9	137.4	170.0
-67.5°	0.0	3.4	6.8	11.1	18.5	28.5	46.9	68.7	88.0	113.6	142.4
-70°	0.0	3.0	6.1	9.3	15.6	24.3	36.0	54.5	71.7	88.9	113.2
-72.5°	0.0	2.7	5.3	8.0	12.6	19.9	29.3	40.1	55.3	70.3	85.1
-75°	0.0	2.3	4.6	6.9	9.5	15.3	22.9	30.5	38.7	51.6	64.4
-77.5°	0.0	1.9	3.8	5.8	7.7	10.6	16.4	22.5	28.6	35.0	43.6
-80°	0.0	1.5	3.1	4.6	6.2	7.7	9.7	14.3	19.1	24.1	29.2
-82.5°	0.0	1.2	2.3	3.5	4.6	5.8	6.9	8.0	9.6	13.1	16.8
-85°	0.0	0.8	1.5	2.3	3.1	3.8	4.6	5.3	6.1	6.8	7.5
-87.5°	0.0	0.4	0.8	1.2	1.5	1.9	2.3	2.7	3.0	3.4	3.8
-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):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.8	3.7	3.6	3.4	3.7	3.9	4.1	4.2	3.9	3.5	3.0
85°	7.6	7.5	8.5	9.1	10.0	10.7	11.0	11.0	12.3	13.9	15.9
82.5°	18.8	20.2	20.9	21.1	21.5	21.3	21.1	21.0	25.9	32.1	39.1
80°	31.7	33.0	38.0	43.4	46.2	46.2	43.7	39.0	46.2	57.8	71.7
77.5°	51.6	59.3	67.3	75.5	77.0	73.1	66.7	57.9	68.2	88.8	112.1
75°	75.2	85.5	97.2	106.0	106.1	99.7	91.4	89.6	107.0	131.9	152.4
72.5°	102.8	117.9	129.3	136.8	136.1	135.0	138.3	145.7	159.9	178.1	193.9
70°	136.1	151.3	159.7	163.5	165.0	173.3	185.6	194.9	205.0	222.9	239.6
67.5°	169.2	180.8	188.1	193.2	207.1	222.9	235.2	246.6	259.1	277.5	292.6
65°	198.6	210.4	220.9	236.3	256.6	271.6	286.3	301.5	323.3	343.8	356.2
62.5°	227.3	240.0	255.8	276.8	298.8	317.9	341.9	369.0	397.3	418.3	442.4
60°	249.7	267.7	290.1	315.1	341.2	372.5	403.2	434.9	463.9	492.0	527.5
57.5°	271.0	296.9	324.8	354.1	388.8	427.8	465.3	499.5	535.9	575.2	615.2
55°	294.2	328.1	359.1	394.1	436.5	485.9	527.6	568.1	611.8	677.9	735.6
52.5°	319.7	357.2	392.3	435.1	487.7	540.5	588.0	644.7	717.6	815.8	975.1
50°	343.7	383.9	425.0	480.3	537.3	592.9	661.6	740.6	886.6	1069.7	1390.3
47.5°	367.6	410.2	464.7	524.5	586.5	659.8	746.8	919.6	1118.7	1574.7	2029.1
45°	391.3	442.0	502.1	570.0	643.9	736.0	916.7	1129.8	1671.5	2196.1	2742.5
42.5°	414.4	473.8	542.6	614.9	711.4	878.0	1110.9	1673.8	2260.2	2862.7	3387.2
40°	440.8	503.5	583.1	674.8	802.3	1055.3	1578.1	2211.8	2872.9	3442.0	3952.3
37.5°	465.6	539.8	626.2	732.9	962.3	1384.6	2058.1	2761.1	3401.2	3957.3	4502.4
35°	488.2	574.9	677.9	837.9	1119.0	1815.0	2545.1	3260.0	3871.8	4465.6	5061.9
32.5°	514.9	608.8	727.5	977.0	1478.5	2230.6	3007.5	3688.6	4329.3	4962.5	5643.6
30°	544.3	650.9	796.7	1109.8	1834.6	2634.3	3404.1	4099.8	4764.1	5467.3	6196.8
27.5°	572.2	691.5	911.3	1367.1	2169.5	3011.4	3764.8	4480.8	5193.9	5942.7	6728.1
25°	597.4	730.1	1018.8	1649.3	2492.7	3333.0	4096.7	4825.4	5595.3	6409.2	7235.6
22.5°	624.5	767.7	1115.7	1906.2	2788.3	3619.2	4389.8	5162.4	5977.4	6840.0	7702.0
20°	653.9	848.0	1275.2	2143.5	3057.0	3879.4	4652.9	5475.6	6334.9	7228.2	8138.8
17.5°	680.6	919.0	1465.8	2368.6	3282.9	4105.5	4889.7	5759.2	6645.7	7579.6	8538.7
15°	704.7	980.5	1633.6	2567.7	3474.6	4297.7	5120.6	6011.0	6922.0	7894.8	8890.9
12.5°	725.8	1032.5	1777.9	2739.8	3636.3	4462.0	5314.8	6223.3	7168.2	8170.2	9208.3
10°	743.8	1074.8	1897.9	2883.8	3767.9	4597.6	5470.6	6400.0	7364.3	8392.1	9464.2
7.5°	755.3	1109.7	1992.9	2998.7	3869.4	4703.8	5588.1	6539.2	7507.6	8565.2	9657.8
5°	762.6	1138.2	2061.5	3083.7	3943.4	4783.8	5672.7	6639.3	7599.7	8686.7	9788.0
2.5°	766.1	1157.9	2103.3	3138.1	3989.8	4839.9	5742.8	6727.0	7696.5	8773.2	9888.8
0°	765.7	1168.0	2118.4	3161.2	4007.4	4865.5	5777.2	6772.4	7758.6	8810.3	9957.4
-2.5°	766.1	1157.9	2103.3	3138.1	3989.8	4839.9	5742.8	6727.0	7696.5	8773.2	9888.8
-5°	762.6	1138.2	2061.5	3083.7	3943.4	4783.8	5672.7	6639.3	7599.7	8686.7	9788.0
-7.5°	755.3	1109.7	1992.9	2998.7	3869.4	4703.8	5588.1	6539.2	7507.6	8565.2	9657.8
-10°	743.8	1074.8	1897.9	2883.8	3767.9	4597.6	5470.6	6400.0	7364.3	8392.1	9464.2
-12.5°	725.8	1032.5	1777.9	2739.8	3636.3	4462.0	5314.8	6223.3	7168.2	8170.2	9208.3
-15°	704.7	980.5	1633.6	2567.7	3474.6	4297.7	5120.6	6011.0	6922.0	7894.8	8890.9
-17.5°	680.6	919.0	1465.8	2368.6	3282.9	4105.5	4889.7	5759.2	6645.7	7579.6	8538.7
-20°	653.9	848.0	1275.2	2143.5	3057.0	3879.4	4652.9	5475.6	6334.9	7228.2	8138.8



REPORT NUMBER: P559219 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	624.5	767.7	1115.7	1906.2	2788.3	3619.2	4389.8	5162.4	5977.4	6840.0	7702.0
-25°	597.4	730.1	1018.8	1649.3	2492.7	3333.0	4096.7	4825.4	5595.3	6409.2	7235.6
-27.5°	572.2	691.5	911.3	1367.1	2169.5	3011.4	3764.8	4480.8	5193.9	5942.7	6728.1
-30°	544.3	650.9	796.7	1109.8	1834.6	2634.3	3404.1	4099.8	4764.1	5467.3	6196.8
-32.5°	514.9	608.8	727.5	977.0	1478.5	2230.6	3007.5	3688.6	4329.3	4962.5	5643.6
-35°	488.2	574.9	677.9	837.9	1119.0	1815.0	2545.1	3260.0	3871.8	4465.6	5061.9
-37.5°	465.6	539.8	626.2	732.9	962.3	1384.6	2058.1	2761.1	3401.2	3957.3	4502.4
-40°	440.8	503.5	583.1	674.8	802.3	1055.3	1578.1	2211.8	2872.9	3442.0	3952.3
-42.5°	414.4	473.8	542.6	614.9	711.4	878.0	1110.9	1673.8	2260.2	2862.7	3387.2
-45°	391.3	442.0	502.1	570.0	643.9	736.0	916.7	1129.8	1671.5	2196.1	2742.5
-47.5°	367.6	410.2	464.7	524.5	586.5	659.8	746.8	919.6	1118.7	1574.7	2029.1
-50°	343.7	383.9	425.0	480.3	537.3	592.9	661.6	740.6	886.6	1069.7	1390.3
-52.5°	319.7	357.2	392.3	435.1	487.7	540.5	588.0	644.7	717.6	815.8	975.1
-55°	294.2	328.1	359.1	394.1	436.5	485.9	527.6	568.1	611.8	677.9	735.6
-57.5°	271.0	296.9	324.8	354.1	388.8	427.8	465.3	499.5	535.9	575.2	615.2
-60°	249.7	267.7	290.1	315.1	341.2	372.5	403.2	434.9	463.9	492.0	527.5
-62.5°	227.3	240.0	255.8	276.8	298.8	317.9	341.9	369.0	397.3	418.3	442.4
-65°	198.6	210.4	220.9	236.3	256.6	271.6	286.3	301.5	323.3	343.8	356.2
-67.5°	169.2	180.8	188.1	193.2	207.1	222.9	235.2	246.6	259.1	277.5	292.6
-70°	136.1	151.3	159.7	163.5	165.0	173.3	185.6	194.9	205.0	222.9	239.6
-72.5°	102.8	117.9	129.3	136.8	136.1	135.0	138.3	145.7	159.9	178.1	193.9
-75°	75.2	85.5	97.2	106.0	106.1	99.7	91.4	89.6	107.0	131.9	152.4
-77.5°	51.6	59.3	67.3	75.5	77.0	73.1	66.7	57.9	68.2	88.8	112.1
-80°	31.7	33.0	38.0	43.4	46.2	46.2	43.7	39.0	46.2	57.8	71.7
-82.5°	18.8	20.2	20.9	21.1	21.5	21.3	21.1	21.0	25.9	32.1	39.1
-85°	7.6	7.5	8.5	9.1	10.0	10.7	11.0	11.0	12.3	13.9	15.9
-87.5°	3.8	3.7	3.6	3.4	3.7	3.9	4.1	4.2	3.9	3.5	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: P559219 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-935-U-WR-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°	18.1	17.9	17.2	16.3	15.2	15.6	16.1	16.5	16.9	15.8	14.6
82.5°	46.7	50.2	53.4	57.0	60.6	60.1	58.4	55.9	52.9	47.1	40.7
80°	87.6	95.8	101.2	105.7	109.1	105.7	100.6	94.8	88.2	78.3	67.6
77.5°	136.0	144.2	148.5	153.6	159.3	160.5	160.7	161.3	161.9	143.7	120.5
75°	168.8	179.7	188.7	196.6	203.6	207.1	209.4	211.6	213.8	189.6	157.8
72.5°	207.5	218.1	226.7	235.3	242.8	248.7	253.2	256.9	259.8	240.1	212.4
70°	252.8	263.4	273.2	282.0	290.7	298.6	305.7	312.3	318.3	319.4	320.8
67.5°	303.9	310.1	321.9	333.0	346.4	356.2	367.1	377.3	386.7	394.7	401.3
65°	367.1	389.7	412.4	423.6	424.4	438.7	460.9	473.3	477.0	479.7	486.8
62.5°	473.3	502.3	517.6	537.5	564.9	594.8	606.3	622.7	642.7	665.4	685.9
60°	557.6	582.3	619.2	656.7	690.0	720.3	793.8	859.0	914.9	963.0	1009.4
57.5°	662.3	703.1	759.4	861.0	953.9	1037.8	1181.5	1356.8	1513.0	1649.7	1769.8
55°	829.1	947.8	1054.7	1294.5	1550.7	1772.4	1980.0	2202.0	2382.7	2524.0	2654.7
52.5°	1113.6	1440.1	1771.1	2082.4	2388.5	2667.2	2917.2	3114.0	3267.6	3382.8	3492.0
50°	1782.8	2176.3	2579.5	2950.8	3251.5	3526.2	3786.5	3981.6	4145.0	4285.6	4410.0
47.5°	2512.3	2973.0	3354.0	3696.5	4020.6	4325.3	4610.0	4847.6	5048.8	5234.3	5388.7
45°	3238.3	3650.3	4041.0	4408.4	4761.0	5102.7	5408.9	5679.1	5945.3	6165.3	6339.3
42.5°	3852.2	4288.4	4704.0	5124.4	5518.6	5901.9	6271.8	6600.5	6883.2	7123.6	7317.1
40°	4441.4	4911.7	5405.3	5872.0	6340.2	6777.5	7187.4	7562.6	7884.6	8169.3	8410.1
37.5°	5041.1	5590.2	6132.5	6664.4	7180.3	7655.9	8126.3	8559.1	8936.5	9269.5	9549.2
35°	5674.0	6279.2	6869.4	7468.7	8032.0	8582.3	9102.3	9578.7	9996.7	10389.0	10726.2
32.5°	6308.0	6963.8	7628.3	8276.8	8900.8	9517.2	10087.5	10624.6	11118.6	11552.9	11912.9
30°	6925.4	7647.4	8358.3	9064.9	9777.1	10448.6	11080.3	11670.2	12206.3	12679.3	13088.4
27.5°	7517.7	8293.9	9056.4	9864.5	10638.4	11369.0	12055.2	12689.5	13287.8	13825.8	14290.1
25°	8065.9	8890.3	9779.1	10626.6	11454.8	12265.0	13016.9	13705.8	14389.9	14981.8	15486.0
22.5°	8583.7	9503.8	10439.5	11328.4	12242.1	13133.0	13974.7	14773.1	15503.7	16123.9	16661.5
20°	9076.1	10066.3	11030.4	12014.6	13004.0	13965.3	14892.0	15745.3	16517.3	17193.1	17799.4
17.5°	9541.3	10565.8	11590.4	12641.3	13709.9	14720.4	15702.3	16630.6	17473.3	18223.1	18906.6
15°	9943.6	11002.2	12099.4	13216.3	14333.9	15408.4	16450.5	17461.7	18410.0	19226.2	19915.3
12.5°	10285.5	11388.3	12548.9	13720.8	14898.9	16025.3	17129.8	18211.8	19219.8	20097.3	20804.9
10°	10569.1	11724.6	12936.9	14157.5	15365.8	16536.1	17684.9	18804.5	19887.1	20796.6	21523.4
7.5°	10805.4	12005.3	13245.6	14503.0	15722.3	16937.6	18135.7	19266.7	20333.2	21292.3	22039.2
5°	10982.0	12201.9	13468.4	14757.1	15995.1	17253.8	18487.5	19644.9	20700.8	21569.9	22179.7
2.5°	11113.4	12324.3	13613.0	14910.4	16164.7	17468.8	18728.8	19887.4	20968.1	21790.7	22318.7
0°	11202.9	12391.7	13744.3	15016.6	16291.8	17629.6	18875.0	20046.0	21130.5	21934.9	22480.2
-2.5°	11113.4	12324.3	13613.0	14910.4	16164.7	17468.8	18728.8	19887.4	20968.1	21790.7	22318.7
-5°	10982.0	12201.9	13468.4	14757.1	15995.1	17253.8	18487.5	19644.9	20700.8	21569.9	22179.7
-7.5°	10805.4	12005.3	13245.6	14503.0	15722.3	16937.6	18135.7	19266.7	20333.2	21292.3	22039.2
-10°	10569.1	11724.6	12936.9	14157.5	15365.8	16536.1	17684.9	18804.5	19887.1	20796.6	21523.4
-12.5°	10285.5	11388.3	12548.9	13720.8	14898.9	16025.3	17129.8	18211.8	19219.8	20097.3	20804.9
-15°	9943.6	11002.2	12099.4	13216.3	14333.9	15408.4	16450.5	17461.7	18410.0	19226.2	19915.3
-17.5°	9541.3	10565.8	11590.4	12641.3	13709.9	14720.4	15702.3	16630.6	17473.3	18223.1	18906.6
-20°	9076.1	10066.3	11030.4	12014.6	13004.0	13965.3	14892.0	15745.3	16517.3	17193.1	17799.4



REPORT NUMBER: P559219 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	8583.7	9503.8	10439.5	11328.4	12242.1	13133.0	13974.7	14773.1	15503.7	16123.9	16661.5
-25°	8065.9	8890.3	9779.1	10626.6	11454.8	12265.0	13016.9	13705.8	14389.9	14981.8	15486.0
-27.5°	7517.7	8293.9	9056.4	9864.5	10638.4	11369.0	12055.2	12689.5	13287.8	13825.8	14290.1
-30°	6925.4	7647.4	8358.3	9064.9	9777.1	10448.6	11080.3	11670.2	12206.3	12679.3	13088.4
-32.5°	6308.0	6963.8	7628.3	8276.8	8900.8	9517.2	10087.5	10624.6	11118.6	11552.9	11912.9
-35°	5674.0	6279.2	6869.4	7468.7	8032.0	8582.3	9102.3	9578.7	9996.7	10389.0	10726.2
-37.5°	5041.1	5590.2	6132.5	6664.4	7180.3	7655.9	8126.3	8559.1	8936.5	9269.5	9549.2
-40°	4441.4	4911.7	5405.3	5872.0	6340.2	6777.5	7187.4	7562.6	7884.6	8169.3	8410.1
-42.5°	3852.2	4288.4	4704.0	5124.4	5518.6	5901.9	6271.8	6600.5	6883.2	7123.6	7317.1
-45°	3238.3	3650.3	4041.0	4408.4	4761.0	5102.7	5408.9	5679.1	5945.3	6165.3	6339.3
-47.5°	2512.3	2973.0	3354.0	3696.5	4020.6	4325.3	4610.0	4847.6	5048.8	5234.3	5388.7
-50°	1782.8	2176.3	2579.5	2950.8	3251.5	3526.2	3786.5	3981.6	4145.0	4285.6	4410.0
-52.5°	1113.6	1440.1	1771.1	2082.4	2388.5	2667.2	2917.2	3114.0	3267.6	3382.8	3492.0
-55°	829.1	947.8	1054.7	1294.5	1550.7	1772.4	1980.0	2202.0	2382.7	2524.0	2654.7
-57.5°	662.3	703.1	759.4	861.0	953.9	1037.8	1181.5	1356.8	1513.0	1649.7	1769.8
-60°	557.6	582.3	619.2	656.7	690.0	720.3	793.8	859.0	914.9	963.0	1009.4
-62.5°	473.3	502.3	517.6	537.5	564.9	594.8	606.3	622.7	642.7	665.4	685.9
-65°	367.1	389.7	412.4	423.6	424.4	438.7	460.9	473.3	477.0	479.7	486.8
-67.5°	303.9	310.1	321.9	333.0	346.4	356.2	367.1	377.3	386.7	394.7	401.3
-70°	252.8	263.4	273.2	282.0	290.7	298.6	305.7	312.3	318.3	319.4	320.8
-72.5°	207.5	218.1	226.7	235.3	242.8	248.7	253.2	256.9	259.8	240.1	212.4
-75°	168.8	179.7	188.7	196.6	203.6	207.1	209.4	211.6	213.8	189.6	157.8
-77.5°	136.0	144.2	148.5	153.6	159.3	160.5	160.7	161.3	161.9	143.7	120.5
-80°	87.6	95.8	101.2	105.7	109.1	105.7	100.6	94.8	88.2	78.3	67.6
-82.5°	46.7	50.2	53.4	57.0	60.6	60.1	58.4	55.9	52.9	47.1	40.7
-85°	18.1	17.9	17.2	16.3	15.2	15.6	16.1	16.5	16.9	15.8	14.6
-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: P559219 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-935-U-WR-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°	13.2	11.8	11.9	11.9	11.9	11.8	13.2	14.6	15.8	16.9	16.5
82.5°	33.9	26.8	28.2	29.8	28.2	26.8	33.9	40.7	47.1	52.9	55.9
80°	56.4	44.8	46.1	47.7	46.1	44.8	56.4	67.6	78.3	88.2	94.8
77.5°	95.5	69.3	66.9	65.5	66.9	69.3	95.5	120.5	143.7	161.9	161.3
75°	124.9	91.3	89.3	89.4	89.3	91.3	124.9	157.8	189.6	213.8	211.6
72.5°	184.4	155.9	136.2	116.2	136.2	155.9	184.4	212.4	240.1	259.8	256.9
70°	324.2	328.2	326.6	321.8	326.6	328.2	324.2	320.8	319.4	318.3	312.3
67.5°	406.8	411.1	412.0	411.2	412.0	411.1	406.8	401.3	394.7	386.7	377.3
65°	491.6	494.5	496.7	497.6	496.7	494.5	491.6	486.8	479.7	477.0	473.3
62.5°	701.2	711.4	722.3	730.0	722.3	711.4	701.2	685.9	665.4	642.7	622.7
60°	1049.8	1083.3	1098.1	1099.4	1098.1	1083.3	1049.8	1009.4	963.0	914.9	859.0
57.5°	1866.0	1937.9	2001.9	2049.9	2001.9	1937.9	1866.0	1769.8	1649.7	1513.0	1356.8
55°	2758.9	2835.3	2878.5	2890.1	2878.5	2835.3	2758.9	2654.7	2524.0	2382.7	2202.0
52.5°	3574.8	3625.7	3673.9	3715.4	3673.9	3625.7	3574.8	3492.0	3382.8	3267.6	3114.0
50°	4504.0	4560.6	4608.4	4645.0	4608.4	4560.6	4504.0	4410.0	4285.6	4145.0	3981.6
47.5°	5497.2	5566.5	5617.7	5652.1	5617.7	5566.5	5497.2	5388.7	5234.3	5048.8	4847.6
45°	6488.2	6607.0	6679.2	6691.9	6679.2	6607.0	6488.2	6339.3	6165.3	5945.3	5679.1
42.5°	7484.3	7598.2	7675.1	7731.8	7675.1	7598.2	7484.3	7317.1	7123.6	6883.2	6600.5
40°	8610.9	8753.9	8819.4	8777.6	8819.4	8753.9	8610.9	8410.1	8169.3	7884.6	7562.6
37.5°	9764.9	9911.9	9987.7	9984.2	9987.7	9911.9	9764.9	9549.2	9269.5	8936.5	8559.1
35°	10988.4	11170.8	11269.4	11244.6	11269.4	11170.8	10988.4	10726.2	10389.0	9996.7	9578.7
32.5°	12200.5	12420.9	12563.3	12585.3	12563.3	12420.9	12200.5	11912.9	11552.9	11118.6	10624.6
30°	13416.3	13654.6	13796.1	13809.9	13796.1	13654.6	13416.3	13088.4	12679.3	12206.3	11670.2
27.5°	14679.8	14946.2	15094.4	15129.8	15094.4	14946.2	14679.8	14290.1	13825.8	13287.8	12689.5
25°	15915.8	16211.6	16381.6	16446.7	16381.6	16211.6	15915.8	15486.0	14981.8	14389.9	13705.8
22.5°	17107.7	17432.0	17653.6	17710.0	17653.6	17432.0	17107.7	16661.5	16123.9	15503.7	14773.1
20°	18303.2	18685.9	18969.2	18997.2	18969.2	18685.9	18303.2	17799.4	17193.1	16517.3	15745.3
17.5°	19454.2	19868.3	20171.5	20245.6	20171.5	19868.3	19454.2	18906.6	18223.1	17473.3	16630.6
15°	20484.6	20919.3	21212.1	21276.5	21212.1	20919.3	20484.6	19915.3	19226.2	18410.0	17461.7
12.5°	21373.9	21774.6	22047.8	22152.4	22047.8	21774.6	21373.9	20804.9	20097.3	19219.8	18211.8
10°	22090.3	22399.7	22644.1	22754.3	22644.1	22399.7	22090.3	21523.4	20796.6	19887.1	18804.5
7.5°	22490.1	22744.7	22913.9	22974.8	22913.9	22744.7	22490.1	22039.2	21292.3	20333.2	19266.7
5°	22648.2	22892.2	22983.9	23037.4	22983.9	22892.2	22648.2	22179.7	21569.9	20700.8	19644.9
2.5°	22669.7	22865.1	23053.5	23177.4	23053.5	22865.1	22669.7	22318.7	21790.7	20968.1	19887.4
0°	22796.0	22986.7	23091.0	23150.6	23091.0	22986.7	22796.0	22480.2	21934.9	21130.5	20046.0
-2.5°	22669.7	22865.1	23053.5	23177.4	23053.5	22865.1	22669.7	22318.7	21790.7	20968.1	19887.4
-5°	22648.2	22892.2	22983.9	23037.4	22983.9	22892.2	22648.2	22179.7	21569.9	20700.8	19644.9
-7.5°	22490.1	22744.7	22913.9	22974.8	22913.9	22744.7	22490.1	22039.2	21292.3	20333.2	19266.7
-10°	22090.3	22399.7	22644.1	22754.3	22644.1	22399.7	22090.3	21523.4	20796.6	19887.1	18804.5
-12.5°	21373.9	21774.6	22047.8	22152.4	22047.8	21774.6	21373.9	20804.9	20097.3	19219.8	18211.8
-15°	20484.6	20919.3	21212.1	21276.5	21212.1	20919.3	20484.6	19915.3	19226.2	18410.0	17461.7
-17.5°	19454.2	19868.3	20171.5	20245.6	20171.5	19868.3	19454.2	18906.6	18223.1	17473.3	16630.6
-20°	18303.2	18685.9	18969.2	18997.2	18969.2	18685.9	18303.2	17799.4	17193.1	16517.3	15745.3



REPORT NUMBER: P559219 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	17107.7	17432.0	17653.6	17710.0	17653.6	17432.0	17107.7	16661.5	16123.9	15503.7	14773.1
-25°	15915.8	16211.6	16381.6	16446.7	16381.6	16211.6	15915.8	15486.0	14981.8	14389.9	13705.8
-27.5°	14679.8	14946.2	15094.4	15129.8	15094.4	14946.2	14679.8	14290.1	13825.8	13287.8	12689.5
-30°	13416.3	13654.6	13796.1	13809.9	13796.1	13654.6	13416.3	13088.4	12679.3	12206.3	11670.2
-32.5°	12200.5	12420.9	12563.3	12585.3	12563.3	12420.9	12200.5	11912.9	11552.9	11118.6	10624.6
-35°	10988.4	11170.8	11269.4	11244.6	11269.4	11170.8	10988.4	10726.2	10389.0	9996.7	9578.7
-37.5°	9764.9	9911.9	9987.7	9984.2	9987.7	9911.9	9764.9	9549.2	9269.5	8936.5	8559.1
-40°	8610.9	8753.9	8819.4	8777.6	8819.4	8753.9	8610.9	8410.1	8169.3	7884.6	7562.6
-42.5°	7484.3	7598.2	7675.1	7731.8	7675.1	7598.2	7484.3	7317.1	7123.6	6883.2	6600.5
-45°	6488.2	6607.0	6679.2	6691.9	6679.2	6607.0	6488.2	6339.3	6165.3	5945.3	5679.1
-47.5°	5497.2	5566.5	5617.7	5652.1	5617.7	5566.5	5497.2	5388.7	5234.3	5048.8	4847.6
-50°	4504.0	4560.6	4608.4	4645.0	4608.4	4560.6	4504.0	4410.0	4285.6	4145.0	3981.6
-52.5°	3574.8	3625.7	3673.9	3715.4	3673.9	3625.7	3574.8	3492.0	3382.8	3267.6	3114.0
-55°	2758.9	2835.3	2878.5	2890.1	2878.5	2835.3	2758.9	2654.7	2524.0	2382.7	2202.0
-57.5°	1866.0	1937.9	2001.9	2049.9	2001.9	1937.9	1866.0	1769.8	1649.7	1513.0	1356.8
-60°	1049.8	1083.3	1098.1	1099.4	1098.1	1083.3	1049.8	1009.4	963.0	914.9	859.0
-62.5°	701.2	711.4	722.3	730.0	722.3	711.4	701.2	685.9	665.4	642.7	622.7
-65°	491.6	494.5	496.7	497.6	496.7	494.5	491.6	486.8	479.7	477.0	473.3
-67.5°	406.8	411.1	412.0	411.2	412.0	411.1	406.8	401.3	394.7	386.7	377.3
-70°	324.2	328.2	326.6	321.8	326.6	328.2	324.2	320.8	319.4	318.3	312.3
-72.5°	184.4	155.9	136.2	116.2	136.2	155.9	184.4	212.4	240.1	259.8	256.9
-75°	124.9	91.3	89.3	89.4	89.3	91.3	124.9	157.8	189.6	213.8	211.6
-77.5°	95.5	69.3	66.9	65.5	66.9	69.3	95.5	120.5	143.7	161.9	161.3
-80°	56.4	44.8	46.1	47.7	46.1	44.8	56.4	67.6	78.3	88.2	94.8
-82.5°	33.9	26.8	28.2	29.8	28.2	26.8	33.9	40.7	47.1	52.9	55.9
-85°	13.2	11.8	11.9	11.9	11.9	11.8	13.2	14.6	15.8	16.9	16.5
-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



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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	3.0	3.5	3.9	4.2
85°	16.1	15.6	15.2	16.3	17.2	17.9	18.1	15.9	13.9	12.3	11.0
82.5°	58.4	60.1	60.6	57.0	53.4	50.2	46.7	39.1	32.1	25.9	21.0
80°	100.6	105.7	109.1	105.7	101.2	95.8	87.6	71.7	57.8	46.2	39.0
77.5°	160.7	160.5	159.3	153.6	148.5	144.2	136.0	112.1	88.8	68.2	57.9
75°	209.4	207.1	203.6	196.6	188.7	179.7	168.8	152.4	131.9	107.0	89.6
72.5°	253.2	248.7	242.8	235.3	226.7	218.1	207.5	193.9	178.1	159.9	145.7
70°	305.7	298.6	290.7	282.0	273.2	263.4	252.8	239.6	222.9	205.0	194.9
67.5°	367.1	356.2	346.4	333.0	321.9	310.1	303.9	292.6	277.5	259.1	246.6
65°	460.9	438.7	424.4	423.6	412.4	389.7	367.1	356.2	343.8	323.3	301.5
62.5°	606.3	594.8	564.9	537.5	517.6	502.3	473.3	442.4	418.3	397.3	369.0
60°	793.8	720.3	690.0	656.7	619.2	582.3	557.6	527.5	492.0	463.9	434.9
57.5°	1181.5	1037.8	953.9	861.0	759.4	703.1	662.3	615.2	575.2	535.9	499.5
55°	1980.0	1772.4	1550.7	1294.5	1054.7	947.8	829.1	735.6	677.9	611.8	568.1
52.5°	2917.2	2667.2	2388.5	2082.4	1771.1	1440.1	1113.6	975.1	815.8	717.6	644.7
50°	3786.5	3526.2	3251.5	2950.8	2579.5	2176.3	1782.8	1390.3	1069.7	886.6	740.6
47.5°	4610.0	4325.3	4020.6	3696.5	3354.0	2973.0	2512.3	2029.1	1574.7	1118.7	919.6
45°	5408.9	5102.7	4761.0	4408.4	4041.0	3650.3	3238.3	2742.5	2196.1	1671.5	1129.8
42.5°	6271.8	5901.9	5518.6	5124.4	4704.0	4288.4	3852.2	3387.2	2862.7	2260.2	1673.8
40°	7187.4	6777.5	6340.2	5872.0	5405.3	4911.7	4441.4	3952.3	3442.0	2872.9	2211.8
37.5°	8126.3	7655.9	7180.3	6664.4	6132.5	5590.2	5041.1	4502.4	3957.3	3401.2	2761.1
35°	9102.3	8582.3	8032.0	7468.7	6869.4	6279.2	5674.0	5061.9	4465.6	3871.8	3260.0
32.5°	10087.5	9517.2	8900.8	8276.8	7628.3	6963.8	6308.0	5643.6	4962.5	4329.3	3688.6
30°	11080.3	10448.6	9777.1	9064.9	8358.3	7647.4	6925.4	6196.8	5467.3	4764.1	4099.8
27.5°	12055.2	11369.0	10638.4	9864.5	9056.4	8293.9	7517.7	6728.1	5942.7	5193.9	4480.8
25°	13016.9	12265.0	11454.8	10626.6	9779.1	8890.3	8065.9	7235.6	6409.2	5595.3	4825.4
22.5°	13974.7	13133.0	12242.1	11328.4	10439.5	9503.8	8583.7	7702.0	6840.0	5977.4	5162.4
20°	14892.0	13965.3	13004.0	12014.6	11030.4	10066.3	9076.1	8138.8	7228.2	6334.9	5475.6
17.5°	15702.3	14720.4	13709.9	12641.3	11590.4	10565.8	9541.3	8538.7	7579.6	6645.7	5759.2
15°	16450.5	15408.4	14333.9	13216.3	12099.4	11002.2	9943.6	8890.9	7894.8	6922.0	6011.0
12.5°	17129.8	16025.3	14898.9	13720.8	12548.9	11388.3	10285.5	9208.3	8170.2	7168.2	6223.3
10°	17684.9	16536.1	15365.8	14157.5	12936.9	11724.6	10569.1	9464.2	8392.1	7364.3	6400.0
7.5°	18135.7	16937.6	15722.3	14503.0	13245.6	12005.3	10805.4	9657.8	8565.2	7507.6	6539.2
5°	18487.5	17253.8	15995.1	14757.1	13468.4	12201.9	10982.0	9788.0	8686.7	7599.7	6639.3
2.5°	18728.8	17468.8	16164.7	14910.4	13613.0	12324.3	11113.4	9888.8	8773.2	7696.5	6727.0
0°	18875.0	17629.6	16291.8	15016.6	13744.3	12391.7	11202.9	9957.4	8810.3	7758.6	6772.4
-2.5°	18728.8	17468.8	16164.7	14910.4	13613.0	12324.3	11113.4	9888.8	8773.2	7696.5	6727.0
-5°	18487.5	17253.8	15995.1	14757.1	13468.4	12201.9	10982.0	9788.0	8686.7	7599.7	6639.3
-7.5°	18135.7	16937.6	15722.3	14503.0	13245.6	12005.3	10805.4	9657.8	8565.2	7507.6	6539.2
-10°	17684.9	16536.1	15365.8	14157.5	12936.9	11724.6	10569.1	9464.2	8392.1	7364.3	6400.0
-12.5°	17129.8	16025.3	14898.9	13720.8	12548.9	11388.3	10285.5	9208.3	8170.2	7168.2	6223.3
-15°	16450.5	15408.4	14333.9	13216.3	12099.4	11002.2	9943.6	8890.9	7894.8	6922.0	6011.0
-17.5°	15702.3	14720.4	13709.9	12641.3	11590.4	10565.8	9541.3	8538.7	7579.6	6645.7	5759.2
-20°	14892.0	13965.3	13004.0	12014.6	11030.4	10066.3	9076.1	8138.8	7228.2	6334.9	5475.6



REPORT NUMBER: P559219 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	13974.7	13133.0	12242.1	11328.4	10439.5	9503.8	8583.7	7702.0	6840.0	5977.4	5162.4
-25°	13016.9	12265.0	11454.8	10626.6	9779.1	8890.3	8065.9	7235.6	6409.2	5595.3	4825.4
-27.5°	12055.2	11369.0	10638.4	9864.5	9056.4	8293.9	7517.7	6728.1	5942.7	5193.9	4480.8
-30°	11080.3	10448.6	9777.1	9064.9	8358.3	7647.4	6925.4	6196.8	5467.3	4764.1	4099.8
-32.5°	10087.5	9517.2	8900.8	8276.8	7628.3	6963.8	6308.0	5643.6	4962.5	4329.3	3688.6
-35°	9102.3	8582.3	8032.0	7468.7	6869.4	6279.2	5674.0	5061.9	4465.6	3871.8	3260.0
-37.5°	8126.3	7655.9	7180.3	6664.4	6132.5	5590.2	5041.1	4502.4	3957.3	3401.2	2761.1
-40°	7187.4	6777.5	6340.2	5872.0	5405.3	4911.7	4441.4	3952.3	3442.0	2872.9	2211.8
-42.5°	6271.8	5901.9	5518.6	5124.4	4704.0	4288.4	3852.2	3387.2	2862.7	2260.2	1673.8
-45°	5408.9	5102.7	4761.0	4408.4	4041.0	3650.3	3238.3	2742.5	2196.1	1671.5	1129.8
-47.5°	4610.0	4325.3	4020.6	3696.5	3354.0	2973.0	2512.3	2029.1	1574.7	1118.7	919.6
-50°	3786.5	3526.2	3251.5	2950.8	2579.5	2176.3	1782.8	1390.3	1069.7	886.6	740.6
-52.5°	2917.2	2667.2	2388.5	2082.4	1771.1	1440.1	1113.6	975.1	815.8	717.6	644.7
-55°	1980.0	1772.4	1550.7	1294.5	1054.7	947.8	829.1	735.6	677.9	611.8	568.1
-57.5°	1181.5	1037.8	953.9	861.0	759.4	703.1	662.3	615.2	575.2	535.9	499.5
-60°	793.8	720.3	690.0	656.7	619.2	582.3	557.6	527.5	492.0	463.9	434.9
-62.5°	606.3	594.8	564.9	537.5	517.6	502.3	473.3	442.4	418.3	397.3	369.0
-65°	460.9	438.7	424.4	423.6	412.4	389.7	367.1	356.2	343.8	323.3	301.5
-67.5°	367.1	356.2	346.4	333.0	321.9	310.1	303.9	292.6	277.5	259.1	246.6
-70°	305.7	298.6	290.7	282.0	273.2	263.4	252.8	239.6	222.9	205.0	194.9
-72.5°	253.2	248.7	242.8	235.3	226.7	218.1	207.5	193.9	178.1	159.9	145.7
-75°	209.4	207.1	203.6	196.6	188.7	179.7	168.8	152.4	131.9	107.0	89.6
-77.5°	160.7	160.5	159.3	153.6	148.5	144.2	136.0	112.1	88.8	68.2	57.9
-80°	100.6	105.7	109.1	105.7	101.2	95.8	87.6	71.7	57.8	46.2	39.0
-82.5°	58.4	60.1	60.6	57.0	53.4	50.2	46.7	39.1	32.1	25.9	21.0
-85°	16.1	15.6	15.2	16.3	17.2	17.9	18.1	15.9	13.9	12.3	11.0
-87.5°	2.8	2.8	2.7	2.7	2.6	2.5	2.5	3.0	3.5	3.9	4.2
-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: P559219 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-935-U-WR-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°	4.1	3.9	3.7	3.4	3.6	3.7	3.8	3.8	3.4	3.0	2.7
85°	11.0	10.7	10.0	9.1	8.5	7.5	7.6	7.5	6.8	6.1	5.3
82.5°	21.1	21.3	21.5	21.1	20.9	20.2	18.8	16.8	13.1	9.6	8.0
80°	43.7	46.2	46.2	43.4	38.0	33.0	31.7	29.2	24.1	19.1	14.3
77.5°	66.7	73.1	77.0	75.5	67.3	59.3	51.6	43.6	35.0	28.6	22.5
75°	91.4	99.7	106.1	106.0	97.2	85.5	75.2	64.4	51.6	38.7	30.5
72.5°	138.3	135.0	136.1	136.8	129.3	117.9	102.8	85.1	70.3	55.3	40.1
70°	185.6	173.3	165.0	163.5	159.7	151.3	136.1	113.2	88.9	71.7	54.5
67.5°	235.2	222.9	207.1	193.2	188.1	180.8	169.2	142.4	113.6	88.0	68.7
65°	286.3	271.6	256.6	236.3	220.9	210.4	198.6	170.0	137.4	107.9	82.7
62.5°	341.9	317.9	298.8	276.8	255.8	240.0	227.3	196.3	160.7	127.0	97.7
60°	403.2	372.5	341.2	315.1	290.1	267.7	249.7	222.9	185.9	145.2	112.7
57.5°	465.3	427.8	388.8	354.1	324.8	296.9	271.0	245.1	211.0	167.3	126.2
55°	527.6	485.9	436.5	394.1	359.1	328.1	294.2	265.1	234.7	190.5	136.7
52.5°	588.0	540.5	487.7	435.1	392.3	357.2	319.7	285.2	253.2	213.5	152.2
50°	661.6	592.9	537.3	480.3	425.0	383.9	343.7	306.3	271.6	234.5	166.7
47.5°	746.8	659.8	586.5	524.5	464.7	410.2	367.6	326.3	289.8	250.9	179.3
45°	916.7	736.0	643.9	570.0	502.1	442.0	391.3	344.9	306.4	258.0	190.0
42.5°	1110.9	878.0	711.4	614.9	542.6	473.8	414.4	365.4	321.7	262.7	195.9
40°	1578.1	1055.3	802.3	674.8	583.1	503.5	440.8	385.8	334.6	265.5	198.2
37.5°	2058.1	1384.6	962.3	732.9	626.2	539.8	465.6	405.5	340.2	268.3	198.9
35°	2545.1	1815.0	1119.0	837.9	677.9	574.9	488.2	425.0	352.7	271.1	197.9
32.5°	3007.5	2230.6	1478.5	977.0	727.5	608.8	514.9	444.5	368.6	273.8	195.2
30°	3404.1	2634.3	1834.6	1109.8	796.7	650.9	544.3	463.0	387.5	276.4	192.3
27.5°	3764.8	3011.4	2169.5	1367.1	911.3	691.5	572.2	480.3	409.2	283.2	192.9
25°	4096.7	3333.0	2492.7	1649.3	1018.8	730.1	597.4	496.7	426.4	297.8	193.0
22.5°	4389.8	3619.2	2788.3	1906.2	1115.7	767.7	624.5	517.6	439.5	313.3	192.6
20°	4652.9	3879.4	3057.0	2143.5	1275.2	848.0	653.9	536.2	451.3	329.3	191.5
17.5°	4889.7	4105.5	3282.9	2368.6	1465.8	919.0	680.6	552.5	462.0	345.4	189.7
15°	5120.6	4297.7	3474.6	2567.7	1633.6	980.5	704.7	566.4	471.4	361.1	188.7
12.5°	5314.8	4462.0	3636.3	2739.8	1777.9	1032.5	725.8	578.0	479.5	374.9	187.5
10°	5470.6	4597.6	3767.9	2883.8	1897.9	1074.8	743.8	586.7	485.7	386.4	183.7
7.5°	5588.1	4703.8	3869.4	2998.7	1992.9	1109.7	755.3	591.7	490.7	395.6	177.9
5°	5672.7	4783.8	3943.4	3083.7	2061.5	1138.2	762.6	594.3	494.4	402.1	170.4
2.5°	5742.8	4839.9	3989.8	3138.1	2103.3	1157.9	766.1	594.7	496.8	405.4	161.6
0°	5777.2	4865.5	4007.4	3161.2	2118.4	1168.0	765.7	592.9	497.6	405.2	152.0
-2.5°	5742.8	4839.9	3989.8	3138.1	2103.3	1157.9	766.1	594.7	496.8	405.4	161.6
-5°	5672.7	4783.8	3943.4	3083.7	2061.5	1138.2	762.6	594.3	494.4	402.1	170.4
-7.5°	5588.1	4703.8	3869.4	2998.7	1992.9	1109.7	755.3	591.7	490.7	395.6	177.9
-10°	5470.6	4597.6	3767.9	2883.8	1897.9	1074.8	743.8	586.7	485.7	386.4	183.7
-12.5°	5314.8	4462.0	3636.3	2739.8	1777.9	1032.5	725.8	578.0	479.5	374.9	187.5
-15°	5120.6	4297.7	3474.6	2567.7	1633.6	980.5	704.7	566.4	471.4	361.1	188.7
-17.5°	4889.7	4105.5	3282.9	2368.6	1465.8	919.0	680.6	552.5	462.0	345.4	189.7
-20°	4652.9	3879.4	3057.0	2143.5	1275.2	848.0	653.9	536.2	451.3	329.3	191.5



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	4389.8	3619.2	2788.3	1906.2	1115.7	767.7	624.5	517.6	439.5	313.3	192.6
-25°	4096.7	3333.0	2492.7	1649.3	1018.8	730.1	597.4	496.7	426.4	297.8	193.0
-27.5°	3764.8	3011.4	2169.5	1367.1	911.3	691.5	572.2	480.3	409.2	283.2	192.9
-30°	3404.1	2634.3	1834.6	1109.8	796.7	650.9	544.3	463.0	387.5	276.4	192.3
-32.5°	3007.5	2230.6	1478.5	977.0	727.5	608.8	514.9	444.5	368.6	273.8	195.2
-35°	2545.1	1815.0	1119.0	837.9	677.9	574.9	488.2	425.0	352.7	271.1	197.9
-37.5°	2058.1	1384.6	962.3	732.9	626.2	539.8	465.6	405.5	340.2	268.3	198.9
-40°	1578.1	1055.3	802.3	674.8	583.1	503.5	440.8	385.8	334.6	265.5	198.2
-42.5°	1110.9	878.0	711.4	614.9	542.6	473.8	414.4	365.4	321.7	262.7	195.9
-45°	916.7	736.0	643.9	570.0	502.1	442.0	391.3	344.9	306.4	258.0	190.0
-47.5°	746.8	659.8	586.5	524.5	464.7	410.2	367.6	326.3	289.8	250.9	179.3
-50°	661.6	592.9	537.3	480.3	425.0	383.9	343.7	306.3	271.6	234.5	166.7
-52.5°	588.0	540.5	487.7	435.1	392.3	357.2	319.7	285.2	253.2	213.5	152.2
-55°	527.6	485.9	436.5	394.1	359.1	328.1	294.2	265.1	234.7	190.5	136.7
-57.5°	465.3	427.8	388.8	354.1	324.8	296.9	271.0	245.1	211.0	167.3	126.2
-60°	403.2	372.5	341.2	315.1	290.1	267.7	249.7	222.9	185.9	145.2	112.7
-62.5°	341.9	317.9	298.8	276.8	255.8	240.0	227.3	196.3	160.7	127.0	97.7
-65°	286.3	271.6	256.6	236.3	220.9	210.4	198.6	170.0	137.4	107.9	82.7
-67.5°	235.2	222.9	207.1	193.2	188.1	180.8	169.2	142.4	113.6	88.0	68.7
-70°	185.6	173.3	165.0	163.5	159.7	151.3	136.1	113.2	88.9	71.7	54.5
-72.5°	138.3	135.0	136.1	136.8	129.3	117.9	102.8	85.1	70.3	55.3	40.1
-75°	91.4	99.7	106.1	106.0	97.2	85.5	75.2	64.4	51.6	38.7	30.5
-77.5°	66.7	73.1	77.0	75.5	67.3	59.3	51.6	43.6	35.0	28.6	22.5
-80°	43.7	46.2	46.2	43.4	38.0	33.0	31.7	29.2	24.1	19.1	14.3
-82.5°	21.1	21.3	21.5	21.1	20.9	20.2	18.8	16.8	13.1	9.6	8.0
-85°	11.0	10.7	10.0	9.1	8.5	7.5	7.6	7.5	6.8	6.1	5.3
-87.5°	4.1	3.9	3.7	3.4	3.6	3.7	3.8	3.8	3.4	3.0	2.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	2.3	1.9	1.5	1.2	0.8	0.4	0.0
85°	4.6	3.8	3.1	2.3	1.5	0.8	0.0
82.5°	6.9	5.8	4.6	3.5	2.3	1.2	0.0
80°	9.7	7.7	6.2	4.6	3.1	1.5	0.0
77.5°	16.4	10.6	7.7	5.8	3.8	1.9	0.0
75°	22.9	15.3	9.5	6.9	4.6	2.3	0.0
72.5°	29.3	19.9	12.6	8.0	5.3	2.7	0.0
70°	36.0	24.3	15.6	9.3	6.1	3.0	0.0
67.5°	46.9	28.5	18.5	11.1	6.8	3.4	0.0
65°	57.2	34.1	21.3	12.8	7.5	3.8	0.0
62.5°	66.8	40.8	23.8	14.4	8.2	4.1	0.0
60°	75.5	47.0	26.3	16.0	8.9	4.4	0.0
57.5°	84.2	52.6	29.9	17.4	9.8	4.8	0.0
55°	92.1	57.6	33.3	18.7	10.7	5.1	0.0
52.5°	98.8	62.0	36.2	20.0	11.5	5.4	0.0
50°	104.4	66.1	38.7	21.0	12.3	5.7	0.0
47.5°	109.7	69.4	40.8	22.1	13.1	6.0	0.0
45°	118.5	71.8	42.5	23.3	13.9	6.3	0.0
42.5°	125.9	73.5	43.6	24.2	14.6	6.6	0.0
40°	131.8	74.3	44.4	25.3	15.3	6.8	0.0
37.5°	136.2	74.3	44.8	26.5	15.9	7.1	0.0
35°	139.2	76.0	44.6	27.7	16.6	7.3	0.0
32.5°	139.8	78.0	44.0	28.8	17.1	7.5	0.0
30°	137.1	79.0	42.9	29.8	17.7	7.7	0.0
27.5°	133.4	79.1	44.0	30.7	18.2	7.9	0.0
25°	128.6	78.1	45.3	31.6	18.6	8.1	0.0
22.5°	122.7	78.1	46.6	32.4	19.1	8.2	0.0
20°	116.0	81.8	47.8	33.1	19.4	8.4	0.0
17.5°	114.7	85.0	48.8	33.7	19.8	8.5	0.0
15°	117.1	87.8	49.8	34.3	20.1	8.6	0.0
12.5°	119.1	90.1	50.7	34.7	20.3	8.7	0.0
10°	120.9	92.0	51.6	35.1	20.5	8.8	0.0
7.5°	122.4	93.4	52.2	35.4	20.7	8.8	0.0
5°	123.6	94.5	52.8	35.6	20.8	8.9	0.0
2.5°	124.5	95.1	53.3	35.8	20.9	8.9	0.0
0°	125.1	95.3	53.6	35.8	20.9	8.9	0.0
-2.5°	124.5	95.1	53.3	35.8	20.9	8.9	0.0
-5°	123.6	94.5	52.8	35.6	20.8	8.9	0.0
-7.5°	122.4	93.4	52.2	35.4	20.7	8.8	0.0
-10°	120.9	92.0	51.6	35.1	20.5	8.8	0.0
-12.5°	119.1	90.1	50.7	34.7	20.3	8.7	0.0
-15°	117.1	87.8	49.8	34.3	20.1	8.6	0.0
-17.5°	114.7	85.0	48.8	33.7	19.8	8.5	0.0
-20°	116.0	81.8	47.8	33.1	19.4	8.4	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	122.7	78.1	46.6	32.4	19.1	8.2	0.0
-25°	128.6	78.1	45.3	31.6	18.6	8.1	0.0
-27.5°	133.4	79.1	44.0	30.7	18.2	7.9	0.0
-30°	137.1	79.0	42.9	29.8	17.7	7.7	0.0
-32.5°	139.8	78.0	44.0	28.8	17.1	7.5	0.0
-35°	139.2	76.0	44.6	27.7	16.6	7.3	0.0
-37.5°	136.2	74.3	44.8	26.5	15.9	7.1	0.0
-40°	131.8	74.3	44.4	25.3	15.3	6.8	0.0
-42.5°	125.9	73.5	43.6	24.2	14.6	6.6	0.0
-45°	118.5	71.8	42.5	23.3	13.9	6.3	0.0
-47.5°	109.7	69.4	40.8	22.1	13.1	6.0	0.0
-50°	104.4	66.1	38.7	21.0	12.3	5.7	0.0
-52.5°	98.8	62.0	36.2	20.0	11.5	5.4	0.0
-55°	92.1	57.6	33.3	18.7	10.7	5.1	0.0
-57.5°	84.2	52.6	29.9	17.4	9.8	4.8	0.0
-60°	75.5	47.0	26.3	16.0	8.9	4.4	0.0
-62.5°	66.8	40.8	23.8	14.4	8.2	4.1	0.0
-65°	57.2	34.1	21.3	12.8	7.5	3.8	0.0
-67.5°	46.9	28.5	18.5	11.1	6.8	3.4	0.0
-70°	36.0	24.3	15.6	9.3	6.1	3.0	0.0
-72.5°	29.3	19.9	12.6	8.0	5.3	2.7	0.0
-75°	22.9	15.3	9.5	6.9	4.6	2.3	0.0
-77.5°	16.4	10.6	7.7	5.8	3.8	1.9	0.0
-80°	9.7	7.7	6.2	4.6	3.1	1.5	0.0
-82.5°	6.9	5.8	4.6	3.5	2.3	1.2	0.0
-85°	4.6	3.8	3.1	2.3	1.5	0.8	0.0
-87.5°	2.3	1.9	1.5	1.2	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)