

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: P559085 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-935-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559085 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA5D-935-U-MWR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQUARE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (80) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

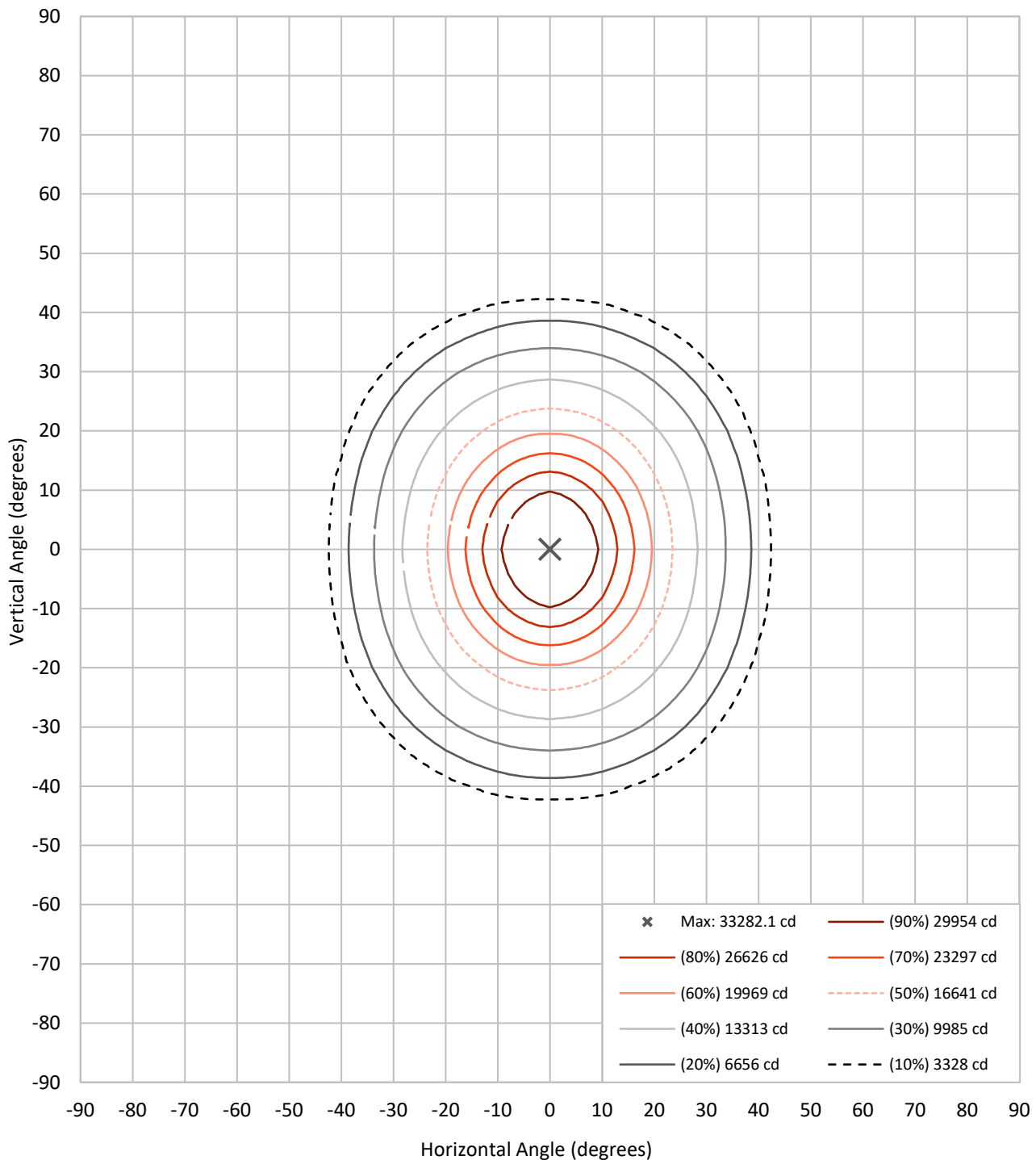
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	25908.3 lumens	Max Intensity:	33282.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	97.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	12225.2 lumens	Field Lumens:	23524.7 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 266
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P559085 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





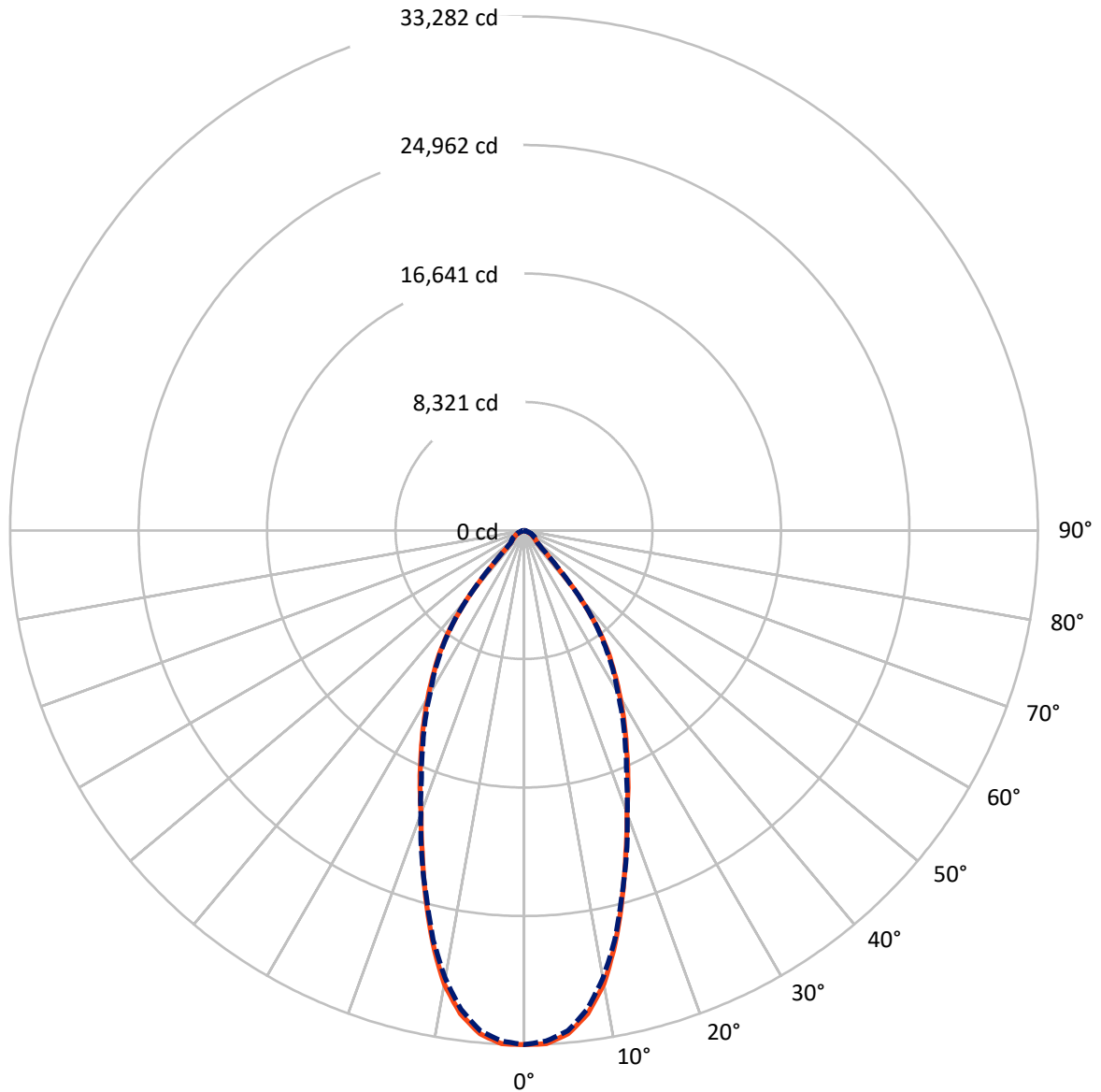
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Lumen Table

90																
80	0.4	3.2		7.1		11.7		9.1		11.7		7.1		3.2		0.4
70																
60	1.8	2.1	3.8	5.9	8.3	10.3	11.9	12.8	12.8	11.9	10.3	8.3	5.9	3.8	2.1	1.8
50		3.1	6.2	10.4	14.9	18.6	21.2	23.4	23.4	21.2	18.6	14.9	10.4	6.2	3.1	
40	2.8	4.1	8.7	14.6	21.2	29.1	46.0	64.5	64.5	46.0	29.1	21.2	14.6	8.7	4.1	2.8
30		5.0	10.8	18.2	34.1	109.2	212.6	270.9	270.9	212.6	109.2	34.1	18.2	10.8	5.0	
20	3.0	5.9	12.6	22.8	99.8	260.8	384.9	466.1	466.1	384.9	260.8	99.8	22.8	12.6	5.9	3.0
10		6.6	14.1	34.9	181.5	360.0	547.0	712.0	712.0	547.0	360.0	181.5	34.9	14.1	6.6	
0	3.2	7.0	15.2	48.1	221.2	420.1	688.0	930.5	930.5	688.0	420.1	221.2	48.1	15.2	7.0	3.2
-10		7.0	15.2	48.1	221.2	420.1	688.0	930.5	930.5	688.0	420.1	221.2	48.1	15.2	7.0	
-20	3.0	6.6	14.1	34.9	181.5	360.0	547.0	712.0	712.0	547.0	360.0	181.5	34.9	14.1	6.6	3.0
-30		5.9	12.6	22.8	99.8	260.8	384.9	466.1	466.1	384.9	260.8	99.8	22.8	12.6	5.9	
-40	2.8	5.0	10.8	18.2	34.1	109.2	212.6	270.9	270.9	212.6	109.2	34.1	18.2	10.8	5.0	2.8
-50		4.1	8.7	14.6	21.2	29.1	46.0	64.5	64.5	46.0	29.1	21.2	14.6	8.7	4.1	
-60	1.8	3.1	6.2	10.4	14.9	18.6	21.2	23.4	23.4	21.2	18.6	14.9	10.4	6.2	3.1	1.8
-70		2.1	3.8	5.9	8.3	10.3	11.9	12.8	12.8	11.9	10.3	8.3	5.9	3.8	2.1	
-80																
-90	0.4	3.2		7.1		11.7		9.1		11.7		7.1		3.2		0.4

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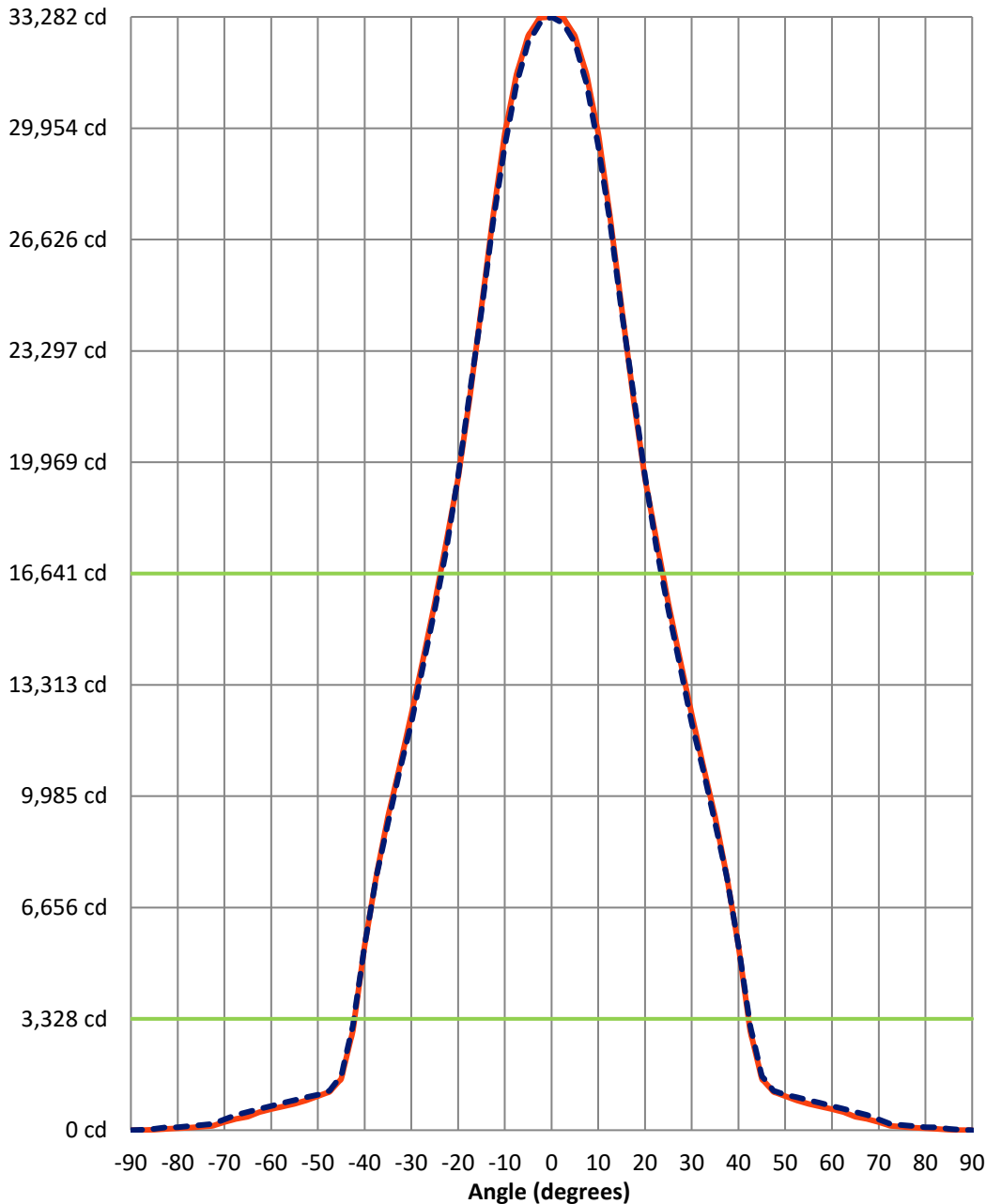
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 47°
 V Angle: 47.6°
 Lumens: 12225.2
 Efficiency: 47.2%

Field:
 H Angle: 84.6°
 V Angle: 84.3°
 Lumens: 23524.7
 Efficiency: 90.8%

Spill:
 Lumens: 2383.6
 Efficiency: 9.2%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.5	1.1	1.8	2.6	3.5	4.5	5.1	5.6	6.0	6.3
85°	0.0	1.1	2.2	3.6	5.2	7.0	9.0	10.1	11.1	12.0	12.7
82.5°	0.0	1.6	3.3	5.4	7.8	10.5	13.5	15.2	17.1	20.5	23.1
80°	0.0	2.2	4.3	7.1	10.3	13.9	18.7	24.8	29.6	33.3	35.9
77.5°	0.0	2.7	5.4	8.8	12.8	19.0	29.3	36.6	42.0	46.1	49.8
75°	0.0	3.2	6.5	10.5	15.9	27.1	39.7	48.5	54.9	61.8	67.1
72.5°	0.0	3.8	7.5	12.2	21.8	35.0	49.9	61.2	70.9	78.6	84.5
70°	0.0	4.3	8.5	14.3	27.6	42.7	60.1	76.0	86.9	95.7	109.4
67.5°	0.0	4.8	9.6	18.2	33.1	50.2	71.9	90.9	103.0	117.2	135.3
65°	0.0	5.3	10.6	21.9	38.5	58.2	83.3	105.7	119.9	137.9	159.6
62.5°	0.0	5.8	11.5	25.6	43.7	66.7	94.1	119.2	136.0	157.8	182.2
60°	0.0	6.2	12.5	29.1	48.7	74.7	104.4	131.5	151.3	178.0	204.4
57.5°	0.0	6.7	14.7	32.4	54.4	82.3	111.4	142.3	168.4	197.8	223.8
55°	0.0	7.2	16.8	35.6	59.8	89.5	117.4	150.3	185.8	216.6	241.6
52.5°	0.0	7.6	18.9	38.7	64.8	95.6	122.4	161.1	202.8	232.4	259.1
50°	0.0	8.0	20.9	41.5	69.6	98.7	126.7	171.2	218.6	247.9	278.5
47.5°	0.0	8.4	22.8	44.3	73.9	101.1	130.5	180.0	232.1	263.1	297.5
45°	0.0	8.8	24.6	47.3	77.9	103.0	136.9	187.6	239.0	279.4	315.7
42.5°	0.0	9.2	26.3	50.0	81.6	104.2	142.2	192.9	244.3	295.0	334.3
40°	0.0	9.6	28.0	52.9	83.5	104.8	146.6	196.5	249.0	308.9	352.3
37.5°	0.0	9.9	29.5	55.8	83.7	104.8	150.0	198.9	254.0	315.6	369.5
35°	0.0	10.2	31.0	58.7	83.6	106.1	152.4	200.3	258.3	325.7	386.1
32.5°	0.0	10.5	32.3	61.5	83.1	107.7	153.6	200.7	261.8	338.0	401.2
30°	0.0	10.8	33.5	64.2	82.3	108.7	153.5	200.6	264.4	352.3	416.1
27.5°	0.0	11.1	34.7	66.8	83.2	109.0	152.5	202.0	269.6	368.4	430.7
25°	0.0	11.3	35.7	69.3	84.1	108.7	150.9	202.5	280.5	381.8	445.0
22.5°	0.0	11.5	36.6	71.7	85.0	108.9	148.5	202.3	291.8	392.9	462.6
20°	0.0	11.7	37.4	73.9	85.6	111.7	145.3	201.2	303.3	403.3	478.5
17.5°	0.0	11.9	38.1	76.0	86.2	114.2	145.5	199.3	314.6	412.8	492.7
15°	0.0	12.1	38.7	77.8	86.6	116.4	147.7	198.7	325.6	421.6	505.2
12.5°	0.0	12.2	39.2	79.6	86.9	118.2	149.5	199.5	333.1	429.3	516.0
10°	0.0	12.3	39.6	81.1	87.2	119.7	150.8	199.1	336.2	435.8	525.1
7.5°	0.0	12.4	39.8	82.4	87.3	120.9	151.8	197.5	336.5	442.0	532.8
5°	0.0	12.5	40.0	83.5	87.4	121.7	152.4	194.9	334.2	447.7	538.7
2.5°	0.0	12.5	40.1	84.4	87.5	122.2	152.6	191.5	329.4	452.1	542.6
0°	0.0	12.5	40.0	85.0	87.5	122.4	152.4	187.4	322.3	454.8	544.7
-2.5°	0.0	12.5	40.1	84.4	87.5	122.2	152.6	191.5	329.4	452.1	542.6
-5°	0.0	12.5	40.0	83.5	87.4	121.7	152.4	194.9	334.2	447.7	538.7
-7.5°	0.0	12.4	39.8	82.4	87.3	120.9	151.8	197.5	336.5	442.0	532.8
-10°	0.0	12.3	39.6	81.1	87.2	119.7	150.8	199.1	336.2	435.8	525.1
-12.5°	0.0	12.2	39.2	79.6	86.9	118.2	149.5	199.5	333.1	429.3	516.0
-15°	0.0	12.1	38.7	77.8	86.6	116.4	147.7	198.7	325.6	421.6	505.2
-17.5°	0.0	11.9	38.1	76.0	86.2	114.2	145.5	199.3	314.6	412.8	492.7
-20°	0.0	11.7	37.4	73.9	85.6	111.7	145.3	201.2	303.3	403.3	478.5



REPORT NUMBER: P559085 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	11.5	36.6	71.7	85.0	108.9	148.5	202.3	291.8	392.9	462.6
-25°	0.0	11.3	35.7	69.3	84.1	108.7	150.9	202.5	280.5	381.8	445.0
-27.5°	0.0	11.1	34.7	66.8	83.2	109.0	152.5	202.0	269.6	368.4	430.7
-30°	0.0	10.8	33.5	64.2	82.3	108.7	153.5	200.6	264.4	352.3	416.1
-32.5°	0.0	10.5	32.3	61.5	83.1	107.7	153.6	200.7	261.8	338.0	401.2
-35°	0.0	10.2	31.0	58.7	83.6	106.1	152.4	200.3	258.3	325.7	386.1
-37.5°	0.0	9.9	29.5	55.8	83.7	104.8	150.0	198.9	254.0	315.6	369.5
-40°	0.0	9.6	28.0	52.9	83.5	104.8	146.6	196.5	249.0	308.9	352.3
-42.5°	0.0	9.2	26.3	50.0	81.6	104.2	142.2	192.9	244.3	295.0	334.3
-45°	0.0	8.8	24.6	47.3	77.9	103.0	136.9	187.6	239.0	279.4	315.7
-47.5°	0.0	8.4	22.8	44.3	73.9	101.1	130.5	180.0	232.1	263.1	297.5
-50°	0.0	8.0	20.9	41.5	69.6	98.7	126.7	171.2	218.6	247.9	278.5
-52.5°	0.0	7.6	18.9	38.7	64.8	95.6	122.4	161.1	202.8	232.4	259.1
-55°	0.0	7.2	16.8	35.6	59.8	89.5	117.4	150.3	185.8	216.6	241.6
-57.5°	0.0	6.7	14.7	32.4	54.4	82.3	111.4	142.3	168.4	197.8	223.8
-60°	0.0	6.2	12.5	29.1	48.7	74.7	104.4	131.5	151.3	178.0	204.4
-62.5°	0.0	5.8	11.5	25.6	43.7	66.7	94.1	119.2	136.0	157.8	182.2
-65°	0.0	5.3	10.6	21.9	38.5	58.2	83.3	105.7	119.9	137.9	159.6
-67.5°	0.0	4.8	9.6	18.2	33.1	50.2	71.9	90.9	103.0	117.2	135.3
-70°	0.0	4.3	8.5	14.3	27.6	42.7	60.1	76.0	86.9	95.7	109.4
-72.5°	0.0	3.8	7.5	12.2	21.8	35.0	49.9	61.2	70.9	78.6	84.5
-75°	0.0	3.2	6.5	10.5	15.9	27.1	39.7	48.5	54.9	61.8	67.1
-77.5°	0.0	2.7	5.4	8.8	12.8	19.0	29.3	36.6	42.0	46.1	49.8
-80°	0.0	2.2	4.3	7.1	10.3	13.9	18.7	24.8	29.6	33.3	35.9
-82.5°	0.0	1.6	3.3	5.4	7.8	10.5	13.5	15.2	17.1	20.5	23.1
-85°	0.0	1.1	2.2	3.6	5.2	7.0	9.0	10.1	11.1	12.0	12.7
-87.5°	0.0	0.5	1.1	1.8	2.6	3.5	4.5	5.1	5.6	6.0	6.3
-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°	6.4	6.3	6.0	5.7	5.3	4.8	4.2	3.5	3.7	3.8	4.0
85°	12.7	12.5	13.5	14.4	14.8	14.7	14.2	13.4	15.3	17.6	20.0
82.5°	25.3	27.5	29.6	31.6	31.7	31.0	29.9	28.7	33.0	38.4	44.3
80°	39.1	42.5	47.4	52.4	53.7	53.2	51.6	48.8	54.9	63.7	73.8
77.5°	55.9	62.7	69.6	76.4	78.2	76.7	73.4	68.3	76.0	90.4	106.3
75°	74.3	82.9	93.7	102.2	104.1	101.1	96.0	91.6	101.0	118.8	135.8
72.5°	97.0	111.0	121.7	129.3	129.8	127.1	124.6	122.3	132.7	153.8	171.4
70°	126.0	140.0	148.4	153.0	154.0	155.7	162.8	169.5	179.9	198.0	212.4
67.5°	154.7	165.9	173.4	178.9	189.7	199.8	209.6	219.7	231.4	246.7	257.7
65°	180.3	191.8	201.8	214.7	230.4	242.7	255.8	270.1	286.1	300.5	311.0
62.5°	205.6	217.9	231.9	249.0	267.2	283.8	303.1	322.8	341.9	358.2	376.2
60°	226.5	242.9	261.5	282.1	304.0	329.3	352.5	375.3	396.2	416.7	441.9
57.5°	246.2	268.5	291.3	316.0	344.7	375.5	402.8	427.8	454.0	483.6	508.3
55°	267.0	295.0	321.2	351.1	385.3	422.4	452.3	480.4	512.7	548.3	576.1
52.5°	289.4	320.3	351.1	387.0	428.3	465.3	496.4	531.5	570.8	609.4	641.5
50°	311.1	345.3	381.0	426.6	467.7	502.8	541.5	584.0	624.9	664.5	702.6
47.5°	333.0	369.6	417.1	463.6	502.0	543.3	588.5	632.1	675.0	716.4	756.3
45°	354.6	397.9	450.6	494.8	537.5	584.9	631.6	677.2	722.5	766.5	810.0
42.5°	375.3	425.7	478.7	525.0	574.2	623.7	672.4	720.8	768.6	815.7	862.0
40°	397.9	451.0	506.8	557.3	608.6	660.2	711.6	762.7	813.1	863.0	912.1
37.5°	418.8	477.2	535.3	588.3	641.0	695.1	749.0	803.1	856.2	908.2	964.2
35°	437.5	503.7	562.4	617.9	673.2	728.1	785.1	842.0	897.9	954.3	1025.8
32.5°	458.5	530.4	588.0	646.5	703.7	760.3	819.5	879.7	939.2	1005.2	1107.8
30°	482.1	552.8	612.3	673.7	732.4	791.8	853.0	915.8	978.5	1081.0	1318.0
27.5°	505.1	573.3	635.8	698.7	759.2	820.8	884.9	950.0	1037.4	1195.0	1579.6
25°	526.4	593.0	657.9	721.6	784.0	847.9	914.2	981.9	1100.4	1418.8	2268.5
22.5°	544.3	612.0	679.5	742.6	806.5	872.6	941.4	1031.3	1214.4	1644.8	3035.0
20°	559.7	630.1	699.1	764.7	827.6	894.5	966.2	1078.2	1387.7	2290.0	3953.6
17.5°	573.9	646.6	717.2	785.7	851.7	917.3	990.9	1118.8	1543.6	2850.8	4877.2
15°	587.0	661.3	734.0	805.4	873.8	942.1	1030.0	1234.1	1859.0	3407.6	5700.0
12.5°	598.7	674.2	749.3	823.7	893.5	964.2	1065.0	1348.7	2245.4	4060.7	6261.5
10°	609.1	685.3	763.0	840.2	911.0	983.5	1094.7	1442.8	2563.0	4597.9	6712.8
7.5°	618.6	696.0	775.7	854.9	926.1	1000.2	1118.8	1516.2	2808.4	5002.4	7072.8
5°	626.7	706.5	790.7	871.0	945.0	1018.3	1139.6	1568.9	2980.8	5275.0	7335.0
2.5°	632.9	715.3	803.8	885.2	965.9	1040.2	1163.4	1608.0	3091.9	5448.6	7502.8
0°	637.2	722.1	814.6	897.0	984.5	1059.4	1181.9	1626.6	3133.3	5512.0	7565.9
-2.5°	632.9	715.3	803.8	885.2	965.9	1040.2	1163.4	1608.0	3091.9	5448.6	7502.8
-5°	626.7	706.5	790.7	871.0	945.0	1018.3	1139.6	1568.9	2980.8	5275.0	7335.0
-7.5°	618.6	696.0	775.7	854.9	926.1	1000.2	1118.8	1516.2	2808.4	5002.4	7072.8
-10°	609.1	685.3	763.0	840.2	911.0	983.5	1094.7	1442.8	2563.0	4597.9	6712.8
-12.5°	598.7	674.2	749.3	823.7	893.5	964.2	1065.0	1348.7	2245.4	4060.7	6261.5
-15°	587.0	661.3	734.0	805.4	873.8	942.1	1030.0	1234.1	1859.0	3407.6	5700.0
-17.5°	573.9	646.6	717.2	785.7	851.7	917.3	990.9	1118.8	1543.6	2850.8	4877.2
-20°	559.7	630.1	699.1	764.7	827.6	894.5	966.2	1078.2	1387.7	2290.0	3953.6



REPORT NUMBER: P559085 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	544.3	612.0	679.5	742.6	806.5	872.6	941.4	1031.3	1214.4	1644.8	3035.0
-25°	526.4	593.0	657.9	721.6	784.0	847.9	914.2	981.9	1100.4	1418.8	2268.5
-27.5°	505.1	573.3	635.8	698.7	759.2	820.8	884.9	950.0	1037.4	1195.0	1579.6
-30°	482.1	552.8	612.3	673.7	732.4	791.8	853.0	915.8	978.5	1081.0	1318.0
-32.5°	458.5	530.4	588.0	646.5	703.7	760.3	819.5	879.7	939.2	1005.2	1107.8
-35°	437.5	503.7	562.4	617.9	673.2	728.1	785.1	842.0	897.9	954.3	1025.8
-37.5°	418.8	477.2	535.3	588.3	641.0	695.1	749.0	803.1	856.2	908.2	964.2
-40°	397.9	451.0	506.8	557.3	608.6	660.2	711.6	762.7	813.1	863.0	912.1
-42.5°	375.3	425.7	478.7	525.0	574.2	623.7	672.4	720.8	768.6	815.7	862.0
-45°	354.6	397.9	450.6	494.8	537.5	584.9	631.6	677.2	722.5	766.5	810.0
-47.5°	333.0	369.6	417.1	463.6	502.0	543.3	588.5	632.1	675.0	716.4	756.3
-50°	311.1	345.3	381.0	426.6	467.7	502.8	541.5	584.0	624.9	664.5	702.6
-52.5°	289.4	320.3	351.1	387.0	428.3	465.3	496.4	531.5	570.8	609.4	641.5
-55°	267.0	295.0	321.2	351.1	385.3	422.4	452.3	480.4	512.7	548.3	576.1
-57.5°	246.2	268.5	291.3	316.0	344.7	375.5	402.8	427.8	454.0	483.6	508.3
-60°	226.5	242.9	261.5	282.1	304.0	329.3	352.5	375.3	396.2	416.7	441.9
-62.5°	205.6	217.9	231.9	249.0	267.2	283.8	303.1	322.8	341.9	358.2	376.2
-65°	180.3	191.8	201.8	214.7	230.4	242.7	255.8	270.1	286.1	300.5	311.0
-67.5°	154.7	165.9	173.4	178.9	189.7	199.8	209.6	219.7	231.4	246.7	257.7
-70°	126.0	140.0	148.4	153.0	154.0	155.7	162.8	169.5	179.9	198.0	212.4
-72.5°	97.0	111.0	121.7	129.3	129.8	127.1	124.6	122.3	132.7	153.8	171.4
-75°	74.3	82.9	93.7	102.2	104.1	101.1	96.0	91.6	101.0	118.8	135.8
-77.5°	55.9	62.7	69.6	76.4	78.2	76.7	73.4	68.3	76.0	90.4	106.3
-80°	39.1	42.5	47.4	52.4	53.7	53.2	51.6	48.8	54.9	63.7	73.8
-82.5°	25.3	27.5	29.6	31.6	31.7	31.0	29.9	28.7	33.0	38.4	44.3
-85°	12.7	12.5	13.5	14.4	14.8	14.7	14.2	13.4	15.3	17.6	20.0
-87.5°	6.4	6.3	6.0	5.7	5.3	4.8	4.2	3.5	3.7	3.8	4.0
-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: P559085 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.8	4.3	3.7
85°	22.5	21.8	20.6	19.1	17.3	18.2	19.3	20.3	21.3	19.9	18.3
82.5°	50.4	51.1	51.1	51.0	50.7	52.9	55.0	56.8	58.4	54.0	48.8
80°	84.9	89.0	91.3	93.5	95.4	95.4	94.1	91.9	88.8	81.2	72.8
77.5°	122.7	129.1	132.2	135.5	138.7	139.9	140.6	141.5	142.4	129.2	112.4
75°	152.2	161.6	167.1	172.3	177.0	179.7	181.2	182.1	182.5	166.6	146.1
72.5°	185.6	195.0	201.5	207.9	213.8	217.6	219.8	221.5	222.6	208.8	189.1
70°	222.6	229.9	237.8	245.6	252.8	257.7	261.0	263.6	265.5	264.2	263.2
67.5°	266.2	272.7	282.2	289.6	297.2	302.6	308.2	312.6	316.0	319.6	323.8
65°	320.9	336.3	350.3	357.4	358.5	366.2	378.9	387.1	391.1	394.4	398.5
62.5°	396.9	415.7	425.7	437.6	453.1	467.4	472.9	480.3	489.1	499.7	511.9
60°	462.1	477.6	493.7	510.2	524.3	536.2	549.1	561.9	573.5	584.2	594.6
57.5°	528.8	545.8	562.1	581.5	595.0	603.0	615.5	630.8	642.6	651.9	665.8
55°	598.0	619.9	642.1	659.5	672.3	680.6	690.1	704.9	713.7	717.0	733.2
52.5°	667.5	693.4	720.7	741.2	754.7	767.3	779.0	791.9	800.8	805.1	820.9
50°	731.9	762.7	793.2	819.9	837.8	858.8	882.5	894.2	901.7	910.1	927.8
47.5°	793.1	827.6	860.2	890.3	916.3	939.8	960.2	979.9	1008.8	1031.8	1054.6
45°	852.0	888.8	924.1	957.9	987.0	1033.0	1076.8	1114.1	1213.8	1297.6	1361.5
42.5°	907.4	951.9	991.7	1048.0	1109.3	1215.6	1379.6	1531.6	1825.8	2204.5	2520.7
40°	965.2	1022.9	1094.2	1203.8	1411.2	1624.4	2262.2	2830.4	3389.2	4024.8	4569.4
37.5°	1032.7	1119.6	1328.4	1576.1	2241.3	2977.1	3880.8	4767.8	5540.2	6201.1	6752.9
35°	1122.0	1390.4	1780.5	2683.3	3666.1	4872.5	5914.0	6748.3	7511.3	8123.7	8584.6
32.5°	1385.3	1876.3	2906.9	4148.6	5500.4	6665.9	7680.3	8479.1	9175.2	9724.0	10151.3
30°	1770.7	2899.3	4299.0	5786.1	7132.5	8245.4	9182.6	9944.1	10565.4	11123.9	11592.7
27.5°	2686.7	4139.0	5784.1	7300.9	8525.6	9567.5	10408.3	11162.6	11847.5	12435.6	12990.0
25°	3689.1	5486.9	7146.2	8526.7	9669.7	10647.2	11534.0	12359.0	13125.8	13814.1	14459.0
22.5°	4892.9	6685.8	8271.7	9549.4	10656.9	11661.1	12603.0	13521.1	14413.9	15253.8	16033.9
20°	5982.8	7742.5	9125.3	10401.3	11552.0	12598.4	13636.5	14706.6	15736.8	16748.5	17688.0
17.5°	6832.2	8469.1	9857.4	11150.8	12322.1	13507.1	14695.2	15924.2	17166.9	18341.8	19465.5
15°	7541.4	9075.3	10482.2	11775.5	13063.3	14370.7	15698.0	17145.9	18624.1	20030.3	21462.7
12.5°	8044.1	9581.2	11007.5	12305.2	13749.0	15168.2	16713.3	18363.5	20070.6	21708.6	23468.1
10°	8448.3	9984.7	11399.1	12798.3	14326.3	15899.9	17632.9	19450.5	21487.5	23427.1	25322.8
7.5°	8795.1	10321.4	11713.7	13200.4	14806.6	16536.3	18421.0	20475.9	22680.4	24838.7	27095.1
5°	9048.8	10550.9	11958.2	13530.1	15175.9	17001.2	19028.8	21224.6	23588.8	25953.7	28185.1
2.5°	9183.2	10681.8	12110.2	13734.6	15392.4	17282.8	19394.6	21722.0	24219.2	26799.6	28999.8
0°	9180.1	10736.7	12168.5	13872.5	15551.6	17368.2	19552.0	22040.6	24476.8	27157.9	29416.7
-2.5°	9183.2	10681.8	12110.2	13734.6	15392.4	17282.8	19394.6	21722.0	24219.2	26799.6	28999.8
-5°	9048.8	10550.9	11958.2	13530.1	15175.9	17001.2	19028.8	21224.6	23588.8	25953.7	28185.1
-7.5°	8795.1	10321.4	11713.7	13200.4	14806.6	16536.3	18421.0	20475.9	22680.4	24838.7	27095.1
-10°	8448.3	9984.7	11399.1	12798.3	14326.3	15899.9	17632.9	19450.5	21487.5	23427.1	25322.8
-12.5°	8044.1	9581.2	11007.5	12305.2	13749.0	15168.2	16713.3	18363.5	20070.6	21708.6	23468.1
-15°	7541.4	9075.3	10482.2	11775.5	13063.3	14370.7	15698.0	17145.9	18624.1	20030.3	21462.7
-17.5°	6832.2	8469.1	9857.4	11150.8	12322.1	13507.1	14695.2	15924.2	17166.9	18341.8	19465.5
-20°	5982.8	7742.5	9125.3	10401.3	11552.0	12598.4	13636.5	14706.6	15736.8	16748.5	17688.0



REPORT NUMBER: P559085 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4892.9	6685.8	8271.7	9549.4	10656.9	11661.1	12603.0	13521.1	14413.9	15253.8	16033.9
-25°	3689.1	5486.9	7146.2	8526.7	9669.7	10647.2	11534.0	12359.0	13125.8	13814.1	14459.0
-27.5°	2686.7	4139.0	5784.1	7300.9	8525.6	9567.5	10408.3	11162.6	11847.5	12435.6	12990.0
-30°	1770.7	2899.3	4299.0	5786.1	7132.5	8245.4	9182.6	9944.1	10565.4	11123.9	11592.7
-32.5°	1385.3	1876.3	2906.9	4148.6	5500.4	6665.9	7680.3	8479.1	9175.2	9724.0	10151.3
-35°	1122.0	1390.4	1780.5	2683.3	3666.1	4872.5	5914.0	6748.3	7511.3	8123.7	8584.6
-37.5°	1032.7	1119.6	1328.4	1576.1	2241.3	2977.1	3880.8	4767.8	5540.2	6201.1	6752.9
-40°	965.2	1022.9	1094.2	1203.8	1411.2	1624.4	2262.2	2830.4	3389.2	4024.8	4569.4
-42.5°	907.4	951.9	991.7	1048.0	1109.3	1215.6	1379.6	1531.6	1825.8	2204.5	2520.7
-45°	852.0	888.8	924.1	957.9	987.0	1033.0	1076.8	1114.1	1213.8	1297.6	1361.5
-47.5°	793.1	827.6	860.2	890.3	916.3	939.8	960.2	979.9	1008.8	1031.8	1054.6
-50°	731.9	762.7	793.2	819.9	837.8	858.8	882.5	894.2	901.7	910.1	927.8
-52.5°	667.5	693.4	720.7	741.2	754.7	767.3	779.0	791.9	800.8	805.1	820.9
-55°	598.0	619.9	642.1	659.5	672.3	680.6	690.1	704.9	713.7	717.0	733.2
-57.5°	528.8	545.8	562.1	581.5	595.0	603.0	615.5	630.8	642.6	651.9	665.8
-60°	462.1	477.6	493.7	510.2	524.3	536.2	549.1	561.9	573.5	584.2	594.6
-62.5°	396.9	415.7	425.7	437.6	453.1	467.4	472.9	480.3	489.1	499.7	511.9
-65°	320.9	336.3	350.3	357.4	358.5	366.2	378.9	387.1	391.1	394.4	398.5
-67.5°	266.2	272.7	282.2	289.6	297.2	302.6	308.2	312.6	316.0	319.6	323.8
-70°	222.6	229.9	237.8	245.6	252.8	257.7	261.0	263.6	265.5	264.2	263.2
-72.5°	185.6	195.0	201.5	207.9	213.8	217.6	219.8	221.5	222.6	208.8	189.1
-75°	152.2	161.6	167.1	172.3	177.0	179.7	181.2	182.1	182.5	166.6	146.1
-77.5°	122.7	129.1	132.2	135.5	138.7	139.9	140.6	141.5	142.4	129.2	112.4
-80°	84.9	89.0	91.3	93.5	95.4	95.4	94.1	91.9	88.8	81.2	72.8
-82.5°	50.4	51.1	51.1	51.0	50.7	52.9	55.0	56.8	58.4	54.0	48.8
-85°	22.5	21.8	20.6	19.1	17.3	18.2	19.3	20.3	21.3	19.9	18.3
-87.5°	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.8	4.3	3.7
-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: P559085 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.1	2.5	2.5	2.5	2.5	2.5	3.1	3.7	4.3	4.8	4.8
85°	16.7	14.9	15.0	15.0	14.9	16.7	18.3	19.9	21.3	20.3	20.3
82.5°	43.2	37.3	37.4	37.5	37.4	37.3	43.2	48.8	54.0	58.4	56.8
80°	64.1	55.0	56.2	57.5	56.2	55.0	64.1	72.8	81.2	88.8	91.9
77.5°	94.4	75.5	74.9	75.0	74.9	75.5	94.4	112.4	129.2	142.4	141.5
75°	125.0	103.3	102.2	102.4	102.2	103.3	125.0	146.1	166.6	182.5	182.1
72.5°	169.0	148.2	138.8	129.9	138.8	148.2	169.0	189.1	208.8	222.6	221.5
70°	263.4	264.0	254.8	242.4	254.8	264.0	263.4	263.2	264.2	265.5	263.6
67.5°	327.3	330.0	333.9	337.3	333.9	330.0	327.3	323.8	319.6	316.0	312.6
65°	400.4	400.2	401.6	402.3	401.6	400.2	400.4	398.5	394.4	391.1	387.1
62.5°	522.4	530.8	536.7	539.7	536.7	530.8	522.4	511.9	499.7	489.1	480.3
60°	603.3	610.2	620.0	629.7	620.0	610.2	603.3	594.6	584.2	573.5	561.9
57.5°	678.8	690.5	700.1	707.1	700.1	690.5	678.8	665.8	651.9	642.6	630.8
55°	748.6	762.2	775.3	787.1	775.3	762.2	748.6	733.2	717.0	713.7	704.9
52.5°	836.2	847.4	865.9	889.5	865.9	847.4	836.2	820.9	805.1	800.8	791.9
50°	948.2	965.1	988.6	1017.0	988.6	965.1	948.2	927.8	910.1	901.7	894.2
47.5°	1077.6	1094.6	1117.2	1146.9	1117.2	1094.6	1077.6	1054.6	1031.8	1008.8	979.9
45°	1420.0	1459.9	1496.5	1536.7	1496.5	1459.9	1420.0	1361.5	1297.6	1213.8	1114.1
42.5°	2774.2	2949.4	3025.1	2980.9	3025.1	2949.4	2774.2	2520.7	2204.5	1825.8	1531.6
40°	4984.7	5275.9	5447.4	5507.0	5447.4	5275.9	4984.7	4569.4	4024.8	3389.2	2830.4
37.5°	7156.0	7424.1	7568.8	7585.9	7568.8	7424.1	7156.0	6752.9	6201.1	5540.2	4767.8
35°	8917.4	9138.3	9269.2	9367.5	9269.2	9138.3	8917.4	8584.6	8123.7	7511.3	6748.3
32.5°	10499.3	10751.0	10896.5	10864.2	10896.5	10751.0	10499.3	10151.3	9724.0	9175.2	8479.1
30°	11977.0	12252.4	12423.3	12428.3	12423.3	12252.4	11977.0	11592.7	11123.9	10565.4	9944.1
27.5°	13438.0	13747.1	13925.3	14064.9	13925.3	13747.1	13438.0	12990.0	12435.6	11847.5	11162.6
25°	14996.6	15381.8	15610.6	15749.0	15610.6	15381.8	14996.6	14459.0	13814.1	13125.8	12359.0
22.5°	16677.1	17154.3	17467.7	17598.0	17467.7	17154.3	16677.1	16033.9	15253.8	14413.9	13521.1
20°	18505.0	19096.3	19496.6	19484.5	19496.6	19096.3	18505.0	17688.0	16748.5	15736.8	14706.6
17.5°	20544.6	21307.4	21823.6	21898.2	21823.6	21307.4	20544.6	19465.5	18341.8	17166.9	15924.2
15°	22731.3	23714.7	24382.4	24589.3	24382.4	23714.7	22731.3	21462.7	20030.3	18624.1	17145.9
12.5°	24972.0	26141.7	27031.8	27327.8	27031.8	26141.7	24972.0	23468.1	21708.6	20070.6	18363.5
10°	27107.1	28402.7	29368.8	29796.5	29368.8	28402.7	27107.1	25322.8	23427.1	21487.5	19450.5
7.5°	28891.8	30208.3	31203.5	31555.5	31203.5	30208.3	28891.8	27095.1	24838.7	22680.4	20475.9
5°	30067.8	31506.0	32279.8	32714.9	32279.8	31506.0	30067.8	28185.1	25953.7	23588.8	21224.6
2.5°	30853.3	32072.9	32856.6	33257.1	32856.6	32072.9	30853.3	28999.8	26799.6	24219.2	21722.0
0°	31270.7	32512.5	33087.2	33282.1	33087.2	32512.5	31270.7	29416.7	27157.9	24476.8	22040.6
-2.5°	30853.3	32072.9	32856.6	33257.1	32856.6	32072.9	30853.3	28999.8	26799.6	24219.2	21722.0
-5°	30067.8	31506.0	32279.8	32714.9	32279.8	31506.0	30067.8	28185.1	25953.7	23588.8	21224.6
-7.5°	28891.8	30208.3	31203.5	31555.5	31203.5	30208.3	28891.8	27095.1	24838.7	22680.4	20475.9
-10°	27107.1	28402.7	29368.8	29796.5	29368.8	28402.7	27107.1	25322.8	23427.1	21487.5	19450.5
-12.5°	24972.0	26141.7	27031.8	27327.8	27031.8	26141.7	24972.0	23468.1	21708.6	20070.6	18363.5
-15°	22731.3	23714.7	24382.4	24589.3	24382.4	23714.7	22731.3	21462.7	20030.3	18624.1	17145.9
-17.5°	20544.6	21307.4	21823.6	21898.2	21823.6	21307.4	20544.6	19465.5	18341.8	17166.9	15924.2
-20°	18505.0	19096.3	19496.6	19484.5	19496.6	19096.3	18505.0	17688.0	16748.5	15736.8	14706.6



REPORT NUMBER: P559085 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	16677.1	17154.3	17467.7	17598.0	17467.7	17154.3	16677.1	16033.9	15253.8	14413.9	13521.1
-25°	14996.6	15381.8	15610.6	15749.0	15610.6	15381.8	14996.6	14459.0	13814.1	13125.8	12359.0
-27.5°	13438.0	13747.1	13925.3	14064.9	13925.3	13747.1	13438.0	12990.0	12435.6	11847.5	11162.6
-30°	11977.0	12252.4	12423.3	12428.3	12423.3	12252.4	11977.0	11592.7	11123.9	10565.4	9944.1
-32.5°	10499.3	10751.0	10896.5	10864.2	10896.5	10751.0	10499.3	10151.3	9724.0	9175.2	8479.1
-35°	8917.4	9138.3	9269.2	9367.5	9269.2	9138.3	8917.4	8584.6	8123.7	7511.3	6748.3
-37.5°	7156.0	7424.1	7568.8	7585.9	7568.8	7424.1	7156.0	6752.9	6201.1	5540.2	4767.8
-40°	4984.7	5275.9	5447.4	5507.0	5447.4	5275.9	4984.7	4569.4	4024.8	3389.2	2830.4
-42.5°	2774.2	2949.4	3025.1	2980.9	3025.1	2949.4	2774.2	2520.7	2204.5	1825.8	1531.6
-45°	1420.0	1459.9	1496.5	1536.7	1496.5	1459.9	1420.0	1361.5	1297.6	1213.8	1114.1
-47.5°	1077.6	1094.6	1117.2	1146.9	1117.2	1094.6	1077.6	1054.6	1031.8	1008.8	979.9
-50°	948.2	965.1	988.6	1017.0	988.6	965.1	948.2	927.8	910.1	901.7	894.2
-52.5°	836.2	847.4	865.9	889.5	865.9	847.4	836.2	820.9	805.1	800.8	791.9
-55°	748.6	762.2	775.3	787.1	775.3	762.2	748.6	733.2	717.0	713.7	704.9
-57.5°	678.8	690.5	700.1	707.1	700.1	690.5	678.8	665.8	651.9	642.6	630.8
-60°	603.3	610.2	620.0	629.7	620.0	610.2	603.3	594.6	584.2	573.5	561.9
-62.5°	522.4	530.8	536.7	539.7	536.7	530.8	522.4	511.9	499.7	489.1	480.3
-65°	400.4	400.2	401.6	402.3	401.6	400.2	400.4	398.5	394.4	391.1	387.1
-67.5°	327.3	330.0	333.9	337.3	333.9	330.0	327.3	323.8	319.6	316.0	312.6
-70°	263.4	264.0	254.8	242.4	254.8	264.0	263.4	263.2	264.2	265.5	263.6
-72.5°	169.0	148.2	138.8	129.9	138.8	148.2	169.0	189.1	208.8	222.6	221.5
-75°	125.0	103.3	102.2	102.4	102.2	103.3	125.0	146.1	166.6	182.5	182.1
-77.5°	94.4	75.5	74.9	75.0	74.9	75.5	94.4	112.4	129.2	142.4	141.5
-80°	64.1	55.0	56.2	57.5	56.2	55.0	64.1	72.8	81.2	88.8	91.9
-82.5°	43.2	37.3	37.4	37.5	37.4	37.3	43.2	48.8	54.0	58.4	56.8
-85°	16.7	14.9	15.0	15.0	15.0	14.9	16.7	18.3	19.9	21.3	20.3
-87.5°	3.1	2.5	2.5	2.5	2.5	2.5	3.1	3.7	4.3	4.8	4.8
-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: P559085 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.8	3.7	3.5
85°	19.3	18.2	17.3	19.1	20.6	21.8	22.5	20.0	17.6	15.3	13.4
82.5°	55.0	52.9	50.7	51.0	51.1	51.1	50.4	44.3	38.4	33.0	28.7
80°	94.1	95.4	95.4	93.5	91.3	89.0	84.9	73.8	63.7	54.9	48.8
77.5°	140.6	139.9	138.7	135.5	132.2	129.1	122.7	106.3	90.4	76.0	68.3
75°	181.2	179.7	177.0	172.3	167.1	161.6	152.2	135.8	118.8	101.0	91.6
72.5°	219.8	217.6	213.8	207.9	201.5	195.0	185.6	171.4	153.8	132.7	122.3
70°	261.0	257.7	252.8	245.6	237.8	229.9	222.6	212.4	198.0	179.9	169.5
67.5°	308.2	302.6	297.2	289.6	282.2	272.7	266.2	257.7	246.7	231.4	219.7
65°	378.9	366.2	358.5	357.4	350.3	336.3	320.9	311.0	300.5	286.1	270.1
62.5°	472.9	467.4	453.1	437.6	425.7	415.7	396.9	376.2	358.2	341.9	322.8
60°	549.1	536.2	524.3	510.2	493.7	477.6	462.1	441.9	416.7	396.2	375.3
57.5°	615.5	603.0	595.0	581.5	562.1	545.8	528.8	508.3	483.6	454.0	427.8
55°	690.1	680.6	672.3	659.5	642.1	619.9	598.0	576.1	548.3	512.7	480.4
52.5°	779.0	767.3	754.7	741.2	720.7	693.4	667.5	641.5	609.4	570.8	531.5
50°	882.5	858.8	837.8	819.9	793.2	762.7	731.9	702.6	664.5	624.9	584.0
47.5°	960.2	939.8	916.3	890.3	860.2	827.6	793.1	756.3	716.4	675.0	632.1
45°	1076.8	1033.0	987.0	957.9	924.1	888.8	852.0	810.0	766.5	722.5	677.2
42.5°	1379.6	1215.6	1109.3	1048.0	991.7	951.9	907.4	862.0	815.7	768.6	720.8
40°	2262.2	1624.4	1411.2	1203.8	1094.2	1022.9	965.2	912.1	863.0	813.1	762.7
37.5°	3880.8	2977.1	2241.3	1576.1	1328.4	1119.6	1032.7	964.2	908.2	856.2	803.1
35°	5914.0	4872.5	3666.1	2683.3	1780.5	1390.4	1122.0	1025.8	954.3	897.9	842.0
32.5°	7680.3	6665.9	5500.4	4148.6	2906.9	1876.3	1385.3	1107.8	1005.2	939.2	879.7
30°	9182.6	8245.4	7132.5	5786.1	4299.0	2899.3	1770.7	1318.0	1081.0	978.5	915.8
27.5°	10408.3	9567.5	8525.6	7300.9	5784.1	4139.0	2686.7	1579.6	1195.0	1037.4	950.0
25°	11534.0	10647.2	9669.7	8526.7	7146.2	5486.9	3689.1	2268.5	1418.8	1100.4	981.9
22.5°	12603.0	11661.1	10656.9	9549.4	8271.7	6685.8	4892.9	3035.0	1644.8	1214.4	1031.3
20°	13636.5	12598.4	11552.0	10401.3	9125.3	7742.5	5982.8	3953.6	2290.0	1387.7	1078.2
17.5°	14695.2	13507.1	12322.1	11150.8	9857.4	8469.1	6832.2	4877.2	2850.8	1543.6	1118.8
15°	15698.0	14370.7	13063.3	11775.5	10482.2	9075.3	7541.4	5700.0	3407.6	1859.0	1234.1
12.5°	16713.3	15168.2	13749.0	12305.2	11007.5	9581.2	8044.1	6261.5	4060.7	2245.4	1348.7
10°	17632.9	15899.9	14326.3	12798.3	11399.1	9984.7	8448.3	6712.8	4597.9	2563.0	1442.8
7.5°	18421.0	16536.3	14806.6	13200.4	11713.7	10321.4	8795.1	7072.8	5002.4	2808.4	1516.2
5°	19028.8	17001.2	15175.9	13530.1	11958.2	10550.9	9048.8	7335.0	5275.0	2980.8	1568.9
2.5°	19394.6	17282.8	15392.4	13734.6	12110.2	10681.8	9183.2	7502.8	5448.6	3091.9	1608.0
0°	19552.0	17368.2	15551.6	13872.5	12168.5	10736.7	9180.1	7565.9	5512.0	3133.3	1626.6
-2.5°	19394.6	17282.8	15392.4	13734.6	12110.2	10681.8	9183.2	7502.8	5448.6	3091.9	1608.0
-5°	19028.8	17001.2	15175.9	13530.1	11958.2	10550.9	9048.8	7335.0	5275.0	2980.8	1568.9
-7.5°	18421.0	16536.3	14806.6	13200.4	11713.7	10321.4	8795.1	7072.8	5002.4	2808.4	1516.2
-10°	17632.9	15899.9	14326.3	12798.3	11399.1	9984.7	8448.3	6712.8	4597.9	2563.0	1442.8
-12.5°	16713.3	15168.2	13749.0	12305.2	11007.5	9581.2	8044.1	6261.5	4060.7	2245.4	1348.7
-15°	15698.0	14370.7	13063.3	11775.5	10482.2	9075.3	7541.4	5700.0	3407.6	1859.0	1234.1
-17.5°	14695.2	13507.1	12322.1	11150.8	9857.4	8469.1	6832.2	4877.2	2850.8	1543.6	1118.8
-20°	13636.5	12598.4	11552.0	10401.3	9125.3	7742.5	5982.8	3953.6	2290.0	1387.7	1078.2



REPORT NUMBER: P559085 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	12603.0	11661.1	10656.9	9549.4	8271.7	6685.8	4892.9	3035.0	1644.8	1214.4	1031.3
-25°	11534.0	10647.2	9669.7	8526.7	7146.2	5486.9	3689.1	2268.5	1418.8	1100.4	981.9
-27.5°	10408.3	9567.5	8525.6	7300.9	5784.1	4139.0	2686.7	1579.6	1195.0	1037.4	950.0
-30°	9182.6	8245.4	7132.5	5786.1	4299.0	2899.3	1770.7	1318.0	1081.0	978.5	915.8
-32.5°	7680.3	6665.9	5500.4	4148.6	2906.9	1876.3	1385.3	1107.8	1005.2	939.2	879.7
-35°	5914.0	4872.5	3666.1	2683.3	1780.5	1390.4	1122.0	1025.8	954.3	897.9	842.0
-37.5°	3880.8	2977.1	2241.3	1576.1	1328.4	1119.6	1032.7	964.2	908.2	856.2	803.1
-40°	2262.2	1624.4	1411.2	1203.8	1094.2	1022.9	965.2	912.1	863.0	813.1	762.7
-42.5°	1379.6	1215.6	1109.3	1048.0	991.7	951.9	907.4	862.0	815.7	768.6	720.8
-45°	1076.8	1033.0	987.0	957.9	924.1	888.8	852.0	810.0	766.5	722.5	677.2
-47.5°	960.2	939.8	916.3	890.3	860.2	827.6	793.1	756.3	716.4	675.0	632.1
-50°	882.5	858.8	837.8	819.9	793.2	762.7	731.9	702.6	664.5	624.9	584.0
-52.5°	779.0	767.3	754.7	741.2	720.7	693.4	667.5	641.5	609.4	570.8	531.5
-55°	690.1	680.6	672.3	659.5	642.1	619.9	598.0	576.1	548.3	512.7	480.4
-57.5°	615.5	603.0	595.0	581.5	562.1	545.8	528.8	508.3	483.6	454.0	427.8
-60°	549.1	536.2	524.3	510.2	493.7	477.6	462.1	441.9	416.7	396.2	375.3
-62.5°	472.9	467.4	453.1	437.6	425.7	415.7	396.9	376.2	358.2	341.9	322.8
-65°	378.9	366.2	358.5	357.4	350.3	336.3	320.9	311.0	300.5	286.1	270.1
-67.5°	308.2	302.6	297.2	289.6	282.2	272.7	266.2	257.7	246.7	231.4	219.7
-70°	261.0	257.7	252.8	245.6	237.8	229.9	222.6	212.4	198.0	179.9	169.5
-72.5°	219.8	217.6	213.8	207.9	201.5	195.0	185.6	171.4	153.8	132.7	122.3
-75°	181.2	179.7	177.0	172.3	167.1	161.6	152.2	135.8	118.8	101.0	91.6
-77.5°	140.6	139.9	138.7	135.5	132.2	129.1	122.7	106.3	90.4	76.0	68.3
-80°	94.1	95.4	95.4	93.5	91.3	89.0	84.9	73.8	63.7	54.9	48.8
-82.5°	55.0	52.9	50.7	51.0	51.1	51.1	50.4	44.3	38.4	33.0	28.7
-85°	19.3	18.2	17.3	19.1	20.6	21.8	22.5	20.0	17.6	15.3	13.4
-87.5°	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.8	3.7	3.5
-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: P559085 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.2	4.8	5.3	5.7	6.0	6.3	6.4	6.3	6.0	5.6	5.1
85°	14.2	14.7	14.8	14.4	13.5	12.5	12.7	12.7	12.0	11.1	10.1
82.5°	29.9	31.0	31.7	31.6	29.6	27.5	25.3	23.1	20.5	17.1	15.2
80°	51.6	53.2	53.7	52.4	47.4	42.5	39.1	35.9	33.3	29.6	24.8
77.5°	73.4	76.7	78.2	76.4	69.6	62.7	55.9	49.8	46.1	42.0	36.6
75°	96.0	101.1	104.1	102.2	93.7	82.9	74.3	67.1	61.8	54.9	48.5
72.5°	124.6	127.1	129.8	129.3	121.7	111.0	97.0	84.5	78.6	70.9	61.2
70°	162.8	155.7	154.0	153.0	148.4	140.0	126.0	109.4	95.7	86.9	76.0
67.5°	209.6	199.8	189.7	178.9	173.4	165.9	154.7	135.3	117.2	103.0	90.9
65°	255.8	242.7	230.4	214.7	201.8	191.8	180.3	159.6	137.9	119.9	105.7
62.5°	303.1	283.8	267.2	249.0	231.9	217.9	205.6	182.2	157.8	136.0	119.2
60°	352.5	329.3	304.0	282.1	261.5	242.9	226.5	204.4	178.0	151.3	131.5
57.5°	402.8	375.5	344.7	316.0	291.3	268.5	246.2	223.8	197.8	168.4	142.3
55°	452.3	422.4	385.3	351.1	321.2	295.0	267.0	241.6	216.6	185.8	150.3
52.5°	496.4	465.3	428.3	387.0	351.1	320.3	289.4	259.1	232.4	202.8	161.1
50°	541.5	502.8	467.7	426.6	381.0	345.3	311.1	278.5	247.9	218.6	171.2
47.5°	588.5	543.3	502.0	463.6	417.1	369.6	333.0	297.5	263.1	232.1	180.0
45°	631.6	584.9	537.5	494.8	450.6	397.9	354.6	315.7	279.4	239.0	187.6
42.5°	672.4	623.7	574.2	525.0	478.7	425.7	375.3	334.3	295.0	244.3	192.9
40°	711.6	660.2	608.6	557.3	506.8	451.0	397.9	352.3	308.9	249.0	196.5
37.5°	749.0	695.1	641.0	588.3	535.3	477.2	418.8	369.5	315.6	254.0	198.9
35°	785.1	728.1	673.2	617.9	562.4	503.7	437.5	386.1	325.7	258.3	200.3
32.5°	819.5	760.3	703.7	646.5	588.0	530.4	458.5	401.2	338.0	261.8	200.7
30°	853.0	791.8	732.4	673.7	612.3	552.8	482.1	416.1	352.3	264.4	200.6
27.5°	884.9	820.8	759.2	698.7	635.8	573.3	505.1	430.7	368.4	269.6	202.0
25°	914.2	847.9	784.0	721.6	657.9	593.0	526.4	445.0	381.8	280.5	202.5
22.5°	941.4	872.6	806.5	742.6	679.5	612.0	544.3	462.6	392.9	291.8	202.3
20°	966.2	894.5	827.6	764.7	699.1	630.1	559.7	478.5	403.3	303.3	201.2
17.5°	990.9	917.3	851.7	785.7	717.2	646.6	573.9	492.7	412.8	314.6	199.3
15°	1030.0	942.1	873.8	805.4	734.0	661.3	587.0	505.2	421.6	325.6	198.7
12.5°	1065.0	964.2	893.5	823.7	749.3	674.2	598.7	516.0	429.3	333.1	199.5
10°	1094.7	983.5	911.0	840.2	763.0	685.3	609.1	525.1	435.8	336.2	199.1
7.5°	1118.8	1000.2	926.1	854.9	775.7	696.0	618.6	532.8	442.0	336.5	197.5
5°	1139.6	1018.3	945.0	871.0	790.7	706.5	626.7	538.7	447.7	334.2	194.9
2.5°	1163.4	1040.2	965.9	885.2	803.8	715.3	632.9	542.6	452.1	329.4	191.5
0°	1181.9	1059.4	984.5	897.0	814.6	722.1	637.2	544.7	454.8	322.3	187.4
-2.5°	1163.4	1040.2	965.9	885.2	803.8	715.3	632.9	542.6	452.1	329.4	191.5
-5°	1139.6	1018.3	945.0	871.0	790.7	706.5	626.7	538.7	447.7	334.2	194.9
-7.5°	1118.8	1000.2	926.1	854.9	775.7	696.0	618.6	532.8	442.0	336.5	197.5
-10°	1094.7	983.5	911.0	840.2	763.0	685.3	609.1	525.1	435.8	336.2	199.1
-12.5°	1065.0	964.2	893.5	823.7	749.3	674.2	598.7	516.0	429.3	333.1	199.5
-15°	1030.0	942.1	873.8	805.4	734.0	661.3	587.0	505.2	421.6	325.6	198.7
-17.5°	990.9	917.3	851.7	785.7	717.2	646.6	573.9	492.7	412.8	314.6	199.3
-20°	966.2	894.5	827.6	764.7	699.1	630.1	559.7	478.5	403.3	303.3	201.2



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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°	941.4	872.6	806.5	742.6	679.5	612.0	544.3	462.6	392.9	291.8	202.3
-25°	914.2	847.9	784.0	721.6	657.9	593.0	526.4	445.0	381.8	280.5	202.5
-27.5°	884.9	820.8	759.2	698.7	635.8	573.3	505.1	430.7	368.4	269.6	202.0
-30°	853.0	791.8	732.4	673.7	612.3	552.8	482.1	416.1	352.3	264.4	200.6
-32.5°	819.5	760.3	703.7	646.5	588.0	530.4	458.5	401.2	338.0	261.8	200.7
-35°	785.1	728.1	673.2	617.9	562.4	503.7	437.5	386.1	325.7	258.3	200.3
-37.5°	749.0	695.1	641.0	588.3	535.3	477.2	418.8	369.5	315.6	254.0	198.9
-40°	711.6	660.2	608.6	557.3	506.8	451.0	397.9	352.3	308.9	249.0	196.5
-42.5°	672.4	623.7	574.2	525.0	478.7	425.7	375.3	334.3	295.0	244.3	192.9
-45°	631.6	584.9	537.5	494.8	450.6	397.9	354.6	315.7	279.4	239.0	187.6
-47.5°	588.5	543.3	502.0	463.6	417.1	369.6	333.0	297.5	263.1	232.1	180.0
-50°	541.5	502.8	467.7	426.6	381.0	345.3	311.1	278.5	247.9	218.6	171.2
-52.5°	496.4	465.3	428.3	387.0	351.1	320.3	289.4	259.1	232.4	202.8	161.1
-55°	452.3	422.4	385.3	351.1	321.2	295.0	267.0	241.6	216.6	185.8	150.3
-57.5°	402.8	375.5	344.7	316.0	291.3	268.5	246.2	223.8	197.8	168.4	142.3
-60°	352.5	329.3	304.0	282.1	261.5	242.9	226.5	204.4	178.0	151.3	131.5
-62.5°	303.1	283.8	267.2	249.0	231.9	217.9	205.6	182.2	157.8	136.0	119.2
-65°	255.8	242.7	230.4	214.7	201.8	191.8	180.3	159.6	137.9	119.9	105.7
-67.5°	209.6	199.8	189.7	178.9	173.4	165.9	154.7	135.3	117.2	103.0	90.9
-70°	162.8	155.7	154.0	153.0	148.4	140.0	126.0	109.4	95.7	86.9	76.0
-72.5°	124.6	127.1	129.8	129.3	121.7	111.0	97.0	84.5	78.6	70.9	61.2
-75°	96.0	101.1	104.1	102.2	93.7	82.9	74.3	67.1	61.8	54.9	48.5
-77.5°	73.4	76.7	78.2	76.4	69.6	62.7	55.9	49.8	46.1	42.0	36.6
-80°	51.6	53.2	53.7	52.4	47.4	42.5	39.1	35.9	33.3	29.6	24.8
-82.5°	29.9	31.0	31.7	31.6	29.6	27.5	25.3	23.1	20.5	17.1	15.2
-85°	14.2	14.7	14.8	14.4	13.5	12.5	12.7	12.7	12.0	11.1	10.1
-87.5°	4.2	4.8	5.3	5.7	6.0	6.3	6.4	6.3	6.0	5.6	5.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	4.5	3.5	2.6	1.8	1.1	0.5	0.0
85°	9.0	7.0	5.2	3.6	2.2	1.1	0.0
82.5°	13.5	10.5	7.8	5.4	3.3	1.6	0.0
80°	18.7	13.9	10.3	7.1	4.3	2.2	0.0
77.5°	29.3	19.0	12.8	8.8	5.4	2.7	0.0
75°	39.7	27.1	15.9	10.5	6.5	3.2	0.0
72.5°	49.9	35.0	21.8	12.2	7.5	3.8	0.0
70°	60.1	42.7	27.6	14.3	8.5	4.3	0.0
67.5°	71.9	50.2	33.1	18.2	9.6	4.8	0.0
65°	83.3	58.2	38.5	21.9	10.6	5.3	0.0
62.5°	94.1	66.7	43.7	25.6	11.5	5.8	0.0
60°	104.4	74.7	48.7	29.1	12.5	6.2	0.0
57.5°	111.4	82.3	54.4	32.4	14.7	6.7	0.0
55°	117.4	89.5	59.8	35.6	16.8	7.2	0.0
52.5°	122.4	95.6	64.8	38.7	18.9	7.6	0.0
50°	126.7	98.7	69.6	41.5	20.9	8.0	0.0
47.5°	130.5	101.1	73.9	44.3	22.8	8.4	0.0
45°	136.9	103.0	77.9	47.3	24.6	8.8	0.0
42.5°	142.2	104.2	81.6	50.0	26.3	9.2	0.0
40°	146.6	104.8	83.5	52.9	28.0	9.6	0.0
37.5°	150.0	104.8	83.7	55.8	29.5	9.9	0.0
35°	152.4	106.1	83.6	58.7	31.0	10.2	0.0
32.5°	153.6	107.7	83.1	61.5	32.3	10.5	0.0
30°	153.5	108.7	82.3	64.2	33.5	10.8	0.0
27.5°	152.5	109.0	83.2	66.8	34.7	11.1	0.0
25°	150.9	108.7	84.1	69.3	35.7	11.3	0.0
22.5°	148.5	108.9	85.0	71.7	36.6	11.5	0.0
20°	145.3	111.7	85.6	73.9	37.4	11.7	0.0
17.5°	145.5	114.2	86.2	76.0	38.1	11.9	0.0
15°	147.7	116.4	86.6	77.8	38.7	12.1	0.0
12.5°	149.5	118.2	86.9	79.6	39.2	12.2	0.0
10°	150.8	119.7	87.2	81.1	39.6	12.3	0.0
7.5°	151.8	120.9	87.3	82.4	39.8	12.4	0.0
5°	152.4	121.7	87.4	83.5	40.0	12.5	0.0
2.5°	152.6	122.2	87.5	84.4	40.1	12.5	0.0
0°	152.4	122.4	87.5	85.0	40.0	12.5	0.0
-2.5°	152.6	122.2	87.5	84.4	40.1	12.5	0.0
-5°	152.4	121.7	87.4	83.5	40.0	12.5	0.0
-7.5°	151.8	120.9	87.3	82.4	39.8	12.4	0.0
-10°	150.8	119.7	87.2	81.1	39.6	12.3	0.0
-12.5°	149.5	118.2	86.9	79.6	39.2	12.2	0.0
-15°	147.7	116.4	86.6	77.8	38.7	12.1	0.0
-17.5°	145.5	114.2	86.2	76.0	38.1	11.9	0.0
-20°	145.3	111.7	85.6	73.9	37.4	11.7	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	148.5	108.9	85.0	71.7	36.6	11.5	0.0
-25°	150.9	108.7	84.1	69.3	35.7	11.3	0.0
-27.5°	152.5	109.0	83.2	66.8	34.7	11.1	0.0
-30°	153.5	108.7	82.3	64.2	33.5	10.8	0.0
-32.5°	153.6	107.7	83.1	61.5	32.3	10.5	0.0
-35°	152.4	106.1	83.6	58.7	31.0	10.2	0.0
-37.5°	150.0	104.8	83.7	55.8	29.5	9.9	0.0
-40°	146.6	104.8	83.5	52.9	28.0	9.6	0.0
-42.5°	142.2	104.2	81.6	50.0	26.3	9.2	0.0
-45°	136.9	103.0	77.9	47.3	24.6	8.8	0.0
-47.5°	130.5	101.1	73.9	44.3	22.8	8.4	0.0
-50°	126.7	98.7	69.6	41.5	20.9	8.0	0.0
-52.5°	122.4	95.6	64.8	38.7	18.9	7.6	0.0
-55°	117.4	89.5	59.8	35.6	16.8	7.2	0.0
-57.5°	111.4	82.3	54.4	32.4	14.7	6.7	0.0
-60°	104.4	74.7	48.7	29.1	12.5	6.2	0.0
-62.5°	94.1	66.7	43.7	25.6	11.5	5.8	0.0
-65°	83.3	58.2	38.5	21.9	10.6	5.3	0.0
-67.5°	71.9	50.2	33.1	18.2	9.6	4.8	0.0
-70°	60.1	42.7	27.6	14.3	8.5	4.3	0.0
-72.5°	49.9	35.0	21.8	12.2	7.5	3.8	0.0
-75°	39.7	27.1	15.9	10.5	6.5	3.2	0.0
-77.5°	29.3	19.0	12.8	8.8	5.4	2.7	0.0
-80°	18.7	13.9	10.3	7.1	4.3	2.2	0.0
-82.5°	13.5	10.5	7.8	5.4	3.3	1.6	0.0
-85°	9.0	7.0	5.2	3.6	2.2	1.1	0.0
-87.5°	4.5	3.5	2.6	1.8	1.1	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)