

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: P558806 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-940-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558806 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA3C-940-U-NAT-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR
6x4
Light Source: (48) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

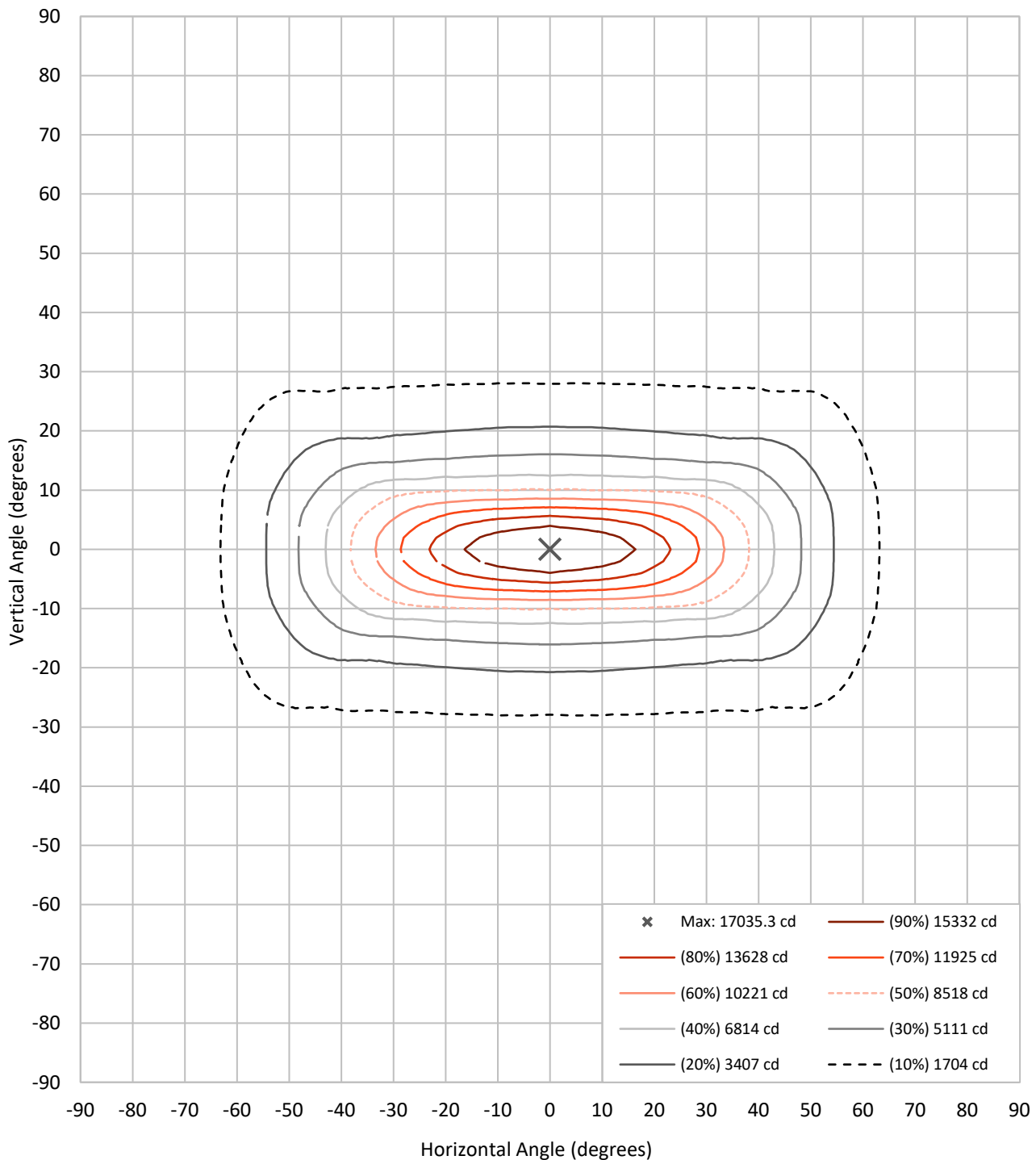
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	12200.5 lumens	Max Intensity:	17035.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	102.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	4881.3 lumens	Field Lumens:	9999.5 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 119
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





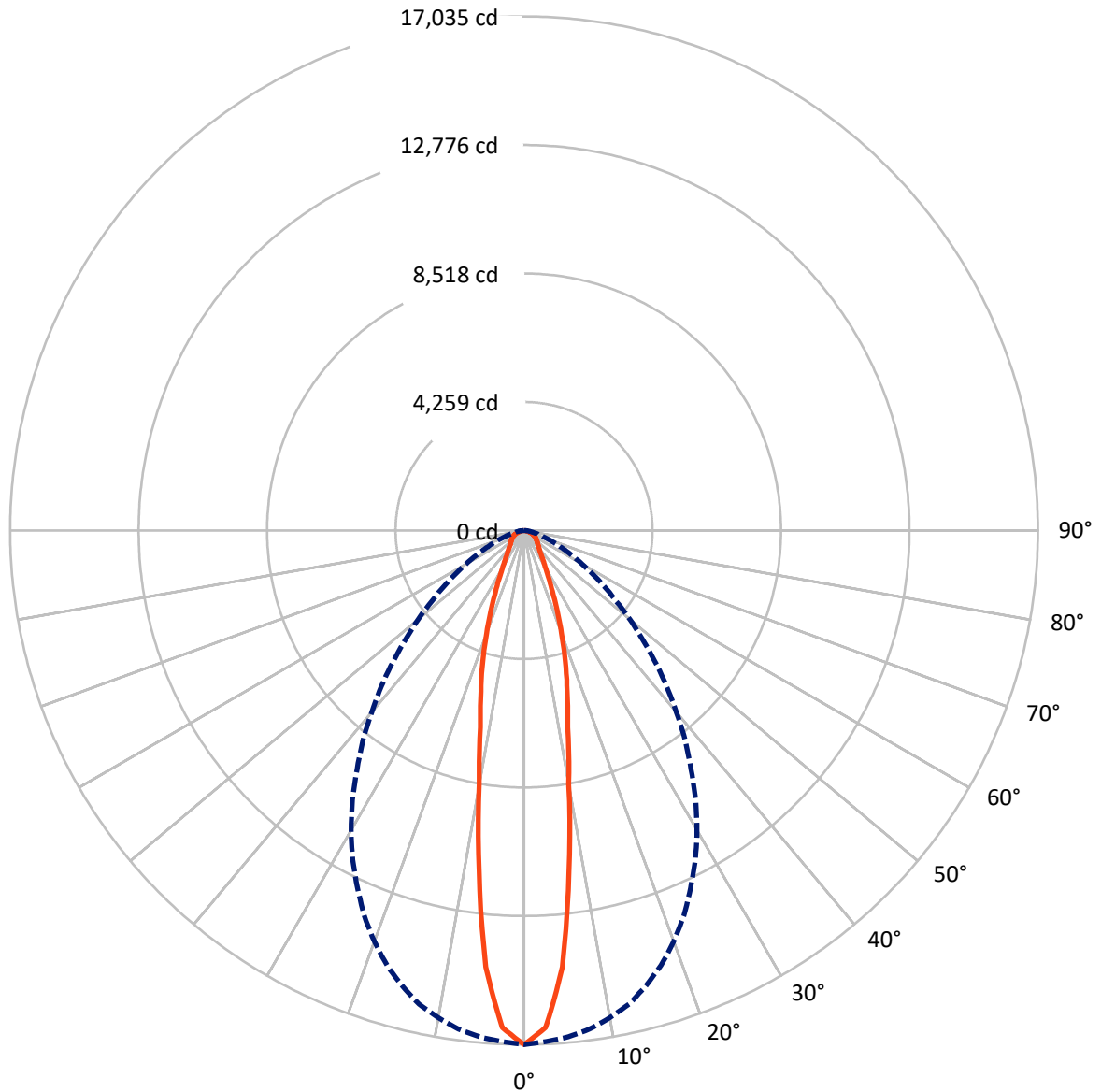
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Lumen Table

90																
80	0.6	4.2		8.6		12.4		14.0		12.4		8.6		4.2		0.6
70																
60	2.6	2.4	4.3	5.8	7.2	8.6	9.9	10.6	10.6	9.9	8.6	7.2	5.8	4.3	2.4	2.6
50		4.0	7.0	9.3	11.1	12.7	14.1	14.9	14.9	14.1	12.7	11.1	9.3	7.0	4.0	
40	5.2	6.1	10.6	14.0	16.2	17.8	19.2	19.9	19.9	19.2	17.8	16.2	14.0	10.6	6.1	5.2
30		9.0	16.9	22.4	26.1	28.8	30.8	31.7	31.7	30.8	28.8	26.1	22.4	16.9	9.0	
20	8.1	12.6	28.8	43.0	51.9	60.3	67.1	71.0	71.0	67.1	60.3	51.9	43.0	28.8	12.6	8.1
10		16.7	44.5	85.6	123.0	146.6	163.3	172.7	172.7	163.3	146.6	123.0	85.6	44.5	16.7	
0	9.2	19.1	57.1	126.1	218.1	309.3	376.5	411.8	411.8	376.5	309.3	218.1	126.1	57.1	19.1	9.2
-10		19.1	57.1	126.1	218.1	309.3	376.5	411.8	411.8	376.5	309.3	218.1	126.1	57.1	19.1	
-20	8.1	16.7	44.5	85.6	123.0	146.6	163.3	172.7	172.7	163.3	146.6	123.0	85.6	44.5	16.7	8.1
-30		12.6	28.8	43.0	51.9	60.3	67.1	71.0	71.0	67.1	60.3	51.9	43.0	28.8	12.6	
-40	5.2	9.0	16.9	22.4	26.1	28.8	30.8	31.7	31.7	30.8	28.8	26.1	22.4	16.9	9.0	5.2
-50		6.1	10.6	14.0	16.2	17.8	19.2	19.9	19.9	19.2	17.8	16.2	14.0	10.6	6.1	
-60	2.6	4.0	7.0	9.3	11.1	12.7	14.1	14.9	14.9	14.1	12.7	11.1	9.3	7.0	4.0	2.6
-70		2.4	4.3	5.8	7.2	8.6	9.9	10.6	10.6	9.9	8.6	7.2	5.8	4.3	2.4	
-80																
-90	0.6	4.2		8.6		12.4		14.0		12.4		8.6		4.2		0.6

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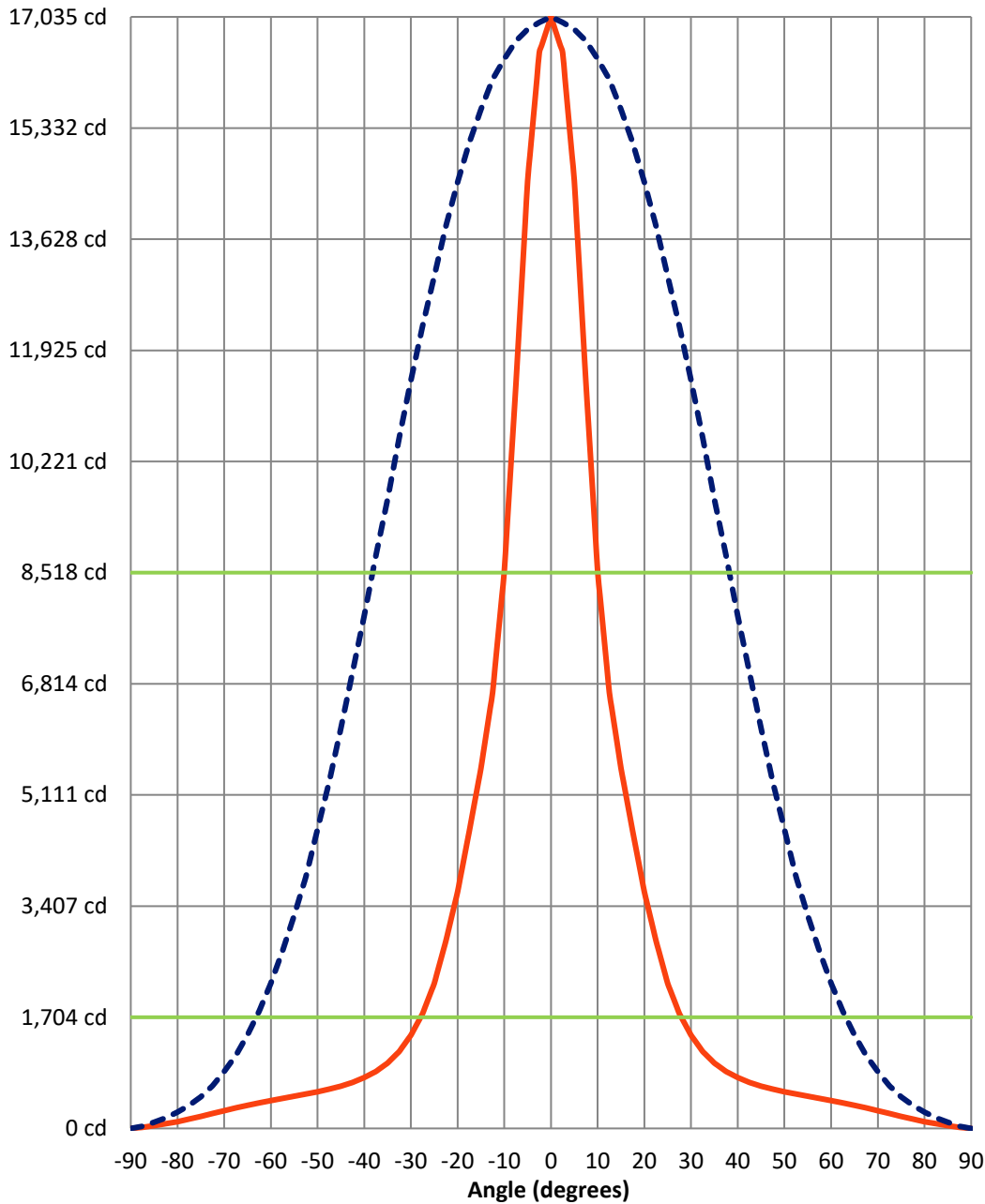
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 76.4°
V Angle: 20°
Lumens: 4881.3
Efficiency: 40.0%

Field:
H Angle: 126.3°
V Angle: 55.8°
Lumens: 9999.5
Efficiency: 82.0%

Spill:
Lumens: 2201
Efficiency: 18.0%

— 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	1.4	2.8	4.0	5.1	6.0	6.8	7.7	8.6	9.3	10.1
85°	0.0	2.8	5.7	8.1	10.2	12.1	13.6	15.4	17.1	18.7	20.1
82.5°	0.0	4.2	8.5	12.1	15.3	18.1	20.4	23.1	26.2	31.2	35.8
80°	0.0	5.6	11.3	16.1	20.4	24.1	28.0	35.6	42.6	49.0	54.8
77.5°	0.0	7.0	14.1	20.1	25.5	32.0	41.2	50.4	58.9	66.7	74.1
75°	0.0	8.4	16.8	24.1	31.3	43.3	54.3	65.1	75.4	85.9	94.8
72.5°	0.0	9.8	19.5	28.0	40.6	54.6	67.3	80.4	93.9	105.6	115.6
70°	0.0	11.1	22.2	32.6	49.8	65.8	80.6	97.3	112.3	125.5	138.4
67.5°	0.0	12.4	24.8	39.6	59.0	76.9	95.8	114.1	130.9	148.1	161.9
65°	0.0	13.7	27.4	46.6	68.0	88.9	110.9	130.9	152.3	170.8	187.1
62.5°	0.0	15.0	30.0	53.5	77.0	101.9	126.0	149.8	173.8	194.6	215.9
60°	0.0	16.2	32.5	60.2	85.8	114.8	141.0	169.5	195.3	221.6	244.8
57.5°	0.0	17.5	36.9	66.8	96.2	127.6	158.0	189.1	219.5	248.7	276.1
55°	0.0	18.6	41.2	73.3	106.5	140.2	175.1	208.7	244.2	276.8	309.2
52.5°	0.0	19.8	45.4	79.7	116.6	152.9	191.9	230.7	268.8	308.6	343.2
50°	0.0	20.9	49.5	85.9	126.5	166.8	208.5	253.0	294.9	340.9	383.5
47.5°	0.0	22.0	53.4	92.2	136.3	180.5	225.2	275.4	324.7	373.8	426.0
45°	0.0	23.0	57.2	99.4	145.8	193.8	244.7	297.9	355.2	413.9	469.9
42.5°	0.0	24.0	60.9	106.3	155.0	206.8	263.9	322.8	385.6	455.0	520.0
40°	0.0	24.9	64.4	112.8	164.5	219.5	283.0	349.2	418.2	496.8	572.7
37.5°	0.0	25.8	67.8	118.8	174.2	231.7	301.8	375.3	455.1	540.7	627.2
35°	0.0	26.6	71.0	124.4	183.6	245.7	320.4	400.9	491.9	589.2	686.1
32.5°	0.0	27.4	74.0	129.7	192.5	260.2	339.4	426.2	528.3	638.4	751.0
30°	0.0	28.1	76.9	134.5	201.0	274.3	359.7	452.2	564.4	688.0	817.3
27.5°	0.0	28.8	79.5	139.0	208.1	287.9	379.4	481.6	602.2	737.9	884.9
25°	0.0	29.5	82.0	143.0	214.6	300.9	398.3	510.1	642.9	792.1	953.5
22.5°	0.0	30.0	84.3	146.7	220.7	312.6	416.3	537.7	682.9	848.1	1028.4
20°	0.0	30.5	86.3	149.9	226.2	321.4	433.5	564.1	721.8	903.4	1102.7
17.5°	0.0	31.0	88.2	152.8	231.2	329.2	446.4	589.2	759.5	957.5	1175.8
15°	0.0	31.4	89.8	155.2	235.7	335.9	456.0	609.0	795.5	1009.8	1247.1
12.5°	0.0	31.7	91.3	157.2	239.6	341.6	464.3	621.8	821.3	1060.0	1315.8
10°	0.0	32.0	92.5	158.8	243.0	346.1	471.1	632.5	837.8	1083.7	1369.4
7.5°	0.0	32.2	93.5	160.0	245.7	349.6	476.5	640.9	851.2	1099.2	1393.7
5°	0.0	32.4	94.2	160.9	247.8	352.0	480.4	647.1	861.2	1110.0	1412.5
2.5°	0.0	32.5	94.7	161.3	249.2	353.4	482.9	650.9	868.0	1116.0	1425.6
0°	0.0	32.5	95.0	161.3	250.0	353.8	483.8	652.5	871.3	1117.5	1432.5
-2.5°	0.0	32.5	94.7	161.3	249.2	353.4	482.9	650.9	868.0	1116.0	1425.6
-5°	0.0	32.4	94.2	160.9	247.8	352.0	480.4	647.1	861.2	1110.0	1412.5
-7.5°	0.0	32.2	93.5	160.0	245.7	349.6	476.5	640.9	851.2	1099.2	1393.7
-10°	0.0	32.0	92.5	158.8	243.0	346.1	471.1	632.5	837.8	1083.7	1369.4
-12.5°	0.0	31.7	91.3	157.2	239.6	341.6	464.3	621.8	821.3	1060.0	1315.8
-15°	0.0	31.4	89.8	155.2	235.7	335.9	456.0	609.0	795.5	1009.8	1247.1
-17.5°	0.0	31.0	88.2	152.8	231.2	329.2	446.4	589.2	759.5	957.5	1175.8
-20°	0.0	30.5	86.3	149.9	226.2	321.4	433.5	564.1	721.8	903.4	1102.7



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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	30.0	84.3	146.7	220.7	312.6	416.3	537.7	682.9	848.1	1028.4
-25°	0.0	29.5	82.0	143.0	214.6	300.9	398.3	510.1	642.9	792.1	953.5
-27.5°	0.0	28.8	79.5	139.0	208.1	287.9	379.4	481.6	602.2	737.9	884.9
-30°	0.0	28.1	76.9	134.5	201.0	274.3	359.7	452.2	564.4	688.0	817.3
-32.5°	0.0	27.4	74.0	129.7	192.5	260.2	339.4	426.2	528.3	638.4	751.0
-35°	0.0	26.6	71.0	124.4	183.6	245.7	320.4	400.9	491.9	589.2	686.1
-37.5°	0.0	25.8	67.8	118.8	174.2	231.7	301.8	375.3	455.1	540.7	627.2
-40°	0.0	24.9	64.4	112.8	164.5	219.5	283.0	349.2	418.2	496.8	572.7
-42.5°	0.0	24.0	60.9	106.3	155.0	206.8	263.9	322.8	385.6	455.0	520.0
-45°	0.0	23.0	57.2	99.4	145.8	193.8	244.7	297.9	355.2	413.9	469.9
-47.5°	0.0	22.0	53.4	92.2	136.3	180.5	225.2	275.4	324.7	373.8	426.0
-50°	0.0	20.9	49.5	85.9	126.5	166.8	208.5	253.0	294.9	340.9	383.5
-52.5°	0.0	19.8	45.4	79.7	116.6	152.9	191.9	230.7	268.8	308.6	343.2
-55°	0.0	18.6	41.2	73.3	106.5	140.2	175.1	208.7	244.2	276.8	309.2
-57.5°	0.0	17.5	36.9	66.8	96.2	127.6	158.0	189.1	219.5	248.7	276.1
-60°	0.0	16.2	32.5	60.2	85.8	114.8	141.0	169.5	195.3	221.6	244.8
-62.5°	0.0	15.0	30.0	53.5	77.0	101.9	126.0	149.8	173.8	194.6	215.9
-65°	0.0	13.7	27.4	46.6	68.0	88.9	110.9	130.9	152.3	170.8	187.1
-67.5°	0.0	12.4	24.8	39.6	59.0	76.9	95.8	114.1	130.9	148.1	161.9
-70°	0.0	11.1	22.2	32.6	49.8	65.8	80.6	97.3	112.3	125.5	138.4
-72.5°	0.0	9.8	19.5	28.0	40.6	54.6	67.3	80.4	93.9	105.6	115.6
-75°	0.0	8.4	16.8	24.1	31.3	43.3	54.3	65.1	75.4	85.9	94.8
-77.5°	0.0	7.0	14.1	20.1	25.5	32.0	41.2	50.4	58.9	66.7	74.1
-80°	0.0	5.6	11.3	16.1	20.4	24.1	28.0	35.6	42.6	49.0	54.8
-82.5°	0.0	4.2	8.5	12.1	15.3	18.1	20.4	23.1	26.2	31.2	35.8
-85°	0.0	2.8	5.7	8.1	10.2	12.1	13.6	15.4	17.1	18.7	20.1
-87.5°	0.0	1.4	2.8	4.0	5.1	6.0	6.8	7.7	8.6	9.3	10.1
-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):

	-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°	10.8	11.6	12.3	12.9	13.5	14.1	14.6	15.1	15.7	16.3	16.9
85°	21.7	23.1	25.6	27.6	29.5	31.2	32.6	33.7	34.9	35.9	36.7
82.5°	39.8	43.2	45.8	47.8	50.1	52.1	53.8	55.3	56.9	58.3	59.6
80°	59.5	63.3	67.2	70.6	73.9	76.4	78.0	78.7	80.6	83.2	85.7
77.5°	80.7	86.4	91.5	95.8	99.4	102.5	104.8	106.1	109.3	112.9	116.1
75°	102.6	109.6	116.6	122.8	127.6	131.2	133.8	136.0	139.7	144.5	148.6
72.5°	125.4	134.9	143.2	150.3	156.8	161.8	165.5	167.9	171.7	177.3	181.9
70°	149.5	160.3	171.5	180.7	187.7	193.5	198.4	201.8	205.2	210.9	215.1
67.5°	174.4	189.8	202.2	212.0	219.7	226.9	232.5	236.0	237.6	243.3	248.1
65°	203.7	220.2	234.1	245.0	252.8	261.7	267.8	270.8	271.8	278.1	284.0
62.5°	233.6	251.8	267.1	279.6	289.7	298.1	305.0	308.9	309.5	314.2	320.9
60°	265.5	284.2	302.3	317.4	328.2	336.9	344.3	348.4	349.3	351.2	358.9
57.5°	298.8	318.9	340.1	357.0	369.6	376.8	385.0	389.5	391.3	390.2	398.1
55°	335.0	355.9	379.8	399.5	413.0	419.5	427.1	433.6	435.8	434.4	439.1
52.5°	375.9	396.8	422.3	444.0	458.9	466.8	472.2	480.0	483.6	482.0	481.0
50°	419.0	445.2	466.3	491.1	509.2	519.5	519.6	529.4	534.1	532.6	526.2
47.5°	467.8	497.4	513.3	541.7	565.2	577.4	578.2	582.1	587.9	589.4	583.9
45°	520.4	556.5	573.7	599.1	625.4	640.3	644.8	637.8	648.2	651.4	647.9
42.5°	575.9	622.0	649.0	659.3	690.0	710.7	718.6	713.7	713.2	720.4	720.3
40°	639.9	692.9	733.5	744.2	759.7	788.2	805.1	804.2	785.2	798.7	802.3
37.5°	708.4	777.2	827.4	849.7	838.0	876.0	900.8	910.7	899.0	885.7	900.9
35°	780.5	867.5	935.1	973.1	974.8	973.9	1012.7	1033.4	1034.9	1010.6	1016.1
32.5°	861.2	963.2	1052.8	1114.3	1142.3	1125.0	1135.1	1178.7	1200.1	1190.8	1155.9
30°	947.8	1073.1	1182.9	1269.6	1332.1	1350.5	1308.9	1342.9	1390.3	1409.1	1394.0
27.5°	1035.4	1189.5	1328.8	1449.1	1545.8	1607.1	1608.6	1556.0	1609.7	1655.2	1672.8
25°	1124.4	1306.1	1483.5	1646.6	1792.9	1898.4	1946.8	1952.5	1877.3	1945.6	2009.2
22.5°	1219.3	1426.0	1636.6	1856.9	2060.9	2215.6	2333.2	2404.0	2401.6	2330.0	2385.9
20°	1319.7	1556.6	1801.8	2063.1	2341.3	2553.9	2750.9	2901.6	2992.3	3022.5	2963.8
17.5°	1419.9	1688.3	1975.2	2286.5	2608.3	2903.1	3198.4	3438.8	3629.2	3785.7	3841.6
15°	1518.8	1819.7	2149.3	2511.4	2883.2	3252.2	3631.8	4000.0	4324.2	4610.4	4780.0
12.5°	1615.5	1949.3	2322.0	2735.2	3162.0	3606.2	4059.1	4507.7	4974.7	5438.2	5790.4
10°	1708.7	2075.5	2491.2	2955.1	3440.5	3960.0	4485.6	5018.0	5585.3	6131.9	6658.2
7.5°	1748.5	2158.0	2636.9	3168.1	3714.3	4308.3	4905.7	5523.7	6186.5	6824.4	7467.0
5°	1773.1	2190.7	2677.9	3231.3	3838.9	4535.7	5248.4	6014.0	6770.3	7504.8	8262.0
2.5°	1789.4	2213.2	2705.2	3256.2	3857.5	4573.0	5294.7	6089.6	6938.2	7787.4	8688.8
0°	1797.5	2225.0	2718.8	3263.8	3855.1	4585.1	5312.6	6132.6	6992.6	7856.4	8778.9
-2.5°	1789.4	2213.2	2705.2	3256.2	3857.5	4573.0	5294.7	6089.6	6938.2	7787.4	8688.8
-5°	1773.1	2190.7	2677.9	3231.3	3838.9	4535.7	5248.4	6014.0	6770.3	7504.8	8262.0
-7.5°	1748.5	2158.0	2636.9	3168.1	3714.3	4308.3	4905.7	5523.7	6186.5	6824.4	7467.0
-10°	1708.7	2075.5	2491.2	2955.1	3440.5	3960.0	4485.6	5018.0	5585.3	6131.9	6658.2
-12.5°	1615.5	1949.3	2322.0	2735.2	3162.0	3606.2	4059.1	4507.7	4974.7	5438.2	5790.4
-15°	1518.8	1819.7	2149.3	2511.4	2883.2	3252.2	3631.8	4000.0	4324.2	4610.4	4780.0
-17.5°	1419.9	1688.3	1975.2	2286.5	2608.3	2903.1	3198.4	3438.8	3629.2	3785.7	3841.6
-20°	1319.7	1556.6	1801.8	2063.1	2341.3	2553.9	2750.9	2901.6	2992.3	3022.5	2963.8



REPORT NUMBER: P558806 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-940-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1219.3	1426.0	1636.6	1856.9	2060.9	2215.6	2333.2	2404.0	2401.6	2330.0	2385.9
-25°	1124.4	1306.1	1483.5	1646.6	1792.9	1898.4	1946.8	1952.5	1877.3	1945.6	2009.2
-27.5°	1035.4	1189.5	1328.8	1449.1	1545.8	1607.1	1608.6	1556.0	1609.7	1655.2	1672.8
-30°	947.8	1073.1	1182.9	1269.6	1332.1	1350.5	1308.9	1342.9	1390.3	1409.1	1394.0
-32.5°	861.2	963.2	1052.8	1114.3	1142.3	1125.0	1135.1	1178.7	1200.1	1190.8	1155.9
-35°	780.5	867.5	935.1	973.1	974.8	973.9	1012.7	1033.4	1034.9	1010.6	1016.1
-37.5°	708.4	777.2	827.4	849.7	838.0	876.0	900.8	910.7	899.0	885.7	900.9
-40°	639.9	692.9	733.5	744.2	759.7	788.2	805.1	804.2	785.2	798.7	802.3
-42.5°	575.9	622.0	649.0	659.3	690.0	710.7	718.6	713.7	713.2	720.4	720.3
-45°	520.4	556.5	573.7	599.1	625.4	640.3	644.8	637.8	648.2	651.4	647.9
-47.5°	467.8	497.4	513.3	541.7	565.2	577.4	578.2	582.1	587.9	589.4	583.9
-50°	419.0	445.2	466.3	491.1	509.2	519.5	519.6	529.4	534.1	532.6	526.2
-52.5°	375.9	396.8	422.3	444.0	458.9	466.8	472.2	480.0	483.6	482.0	481.0
-55°	335.0	355.9	379.8	399.5	413.0	419.5	427.1	433.6	435.8	434.4	439.1
-57.5°	298.8	318.9	340.1	357.0	369.6	376.8	385.0	389.5	391.3	390.2	398.1
-60°	265.5	284.2	302.3	317.4	328.2	336.9	344.3	348.4	349.3	351.2	358.9
-62.5°	233.6	251.8	267.1	279.6	289.7	298.1	305.0	308.9	309.5	314.2	320.9
-65°	203.7	220.2	234.1	245.0	252.8	261.7	267.8	270.8	271.8	278.1	284.0
-67.5°	174.4	189.8	202.2	212.0	219.7	226.9	232.5	236.0	237.6	243.3	248.1
-70°	149.5	160.3	171.5	180.7	187.7	193.5	198.4	201.8	205.2	210.9	215.1
-72.5°	125.4	134.9	143.2	150.3	156.8	161.8	165.5	167.9	171.7	177.3	181.9
-75°	102.6	109.6	116.6	122.8	127.6	131.2	133.8	136.0	139.7	144.5	148.6
-77.5°	80.7	86.4	91.5	95.8	99.4	102.5	104.8	106.1	109.3	112.9	116.1
-80°	59.5	63.3	67.2	70.6	73.9	76.4	78.0	78.7	80.6	83.2	85.7
-82.5°	39.8	43.2	45.8	47.8	50.1	52.1	53.8	55.3	56.9	58.3	59.6
-85°	21.7	23.1	25.6	27.6	29.5	31.2	32.6	33.7	34.9	35.9	36.7
-87.5°	10.8	11.6	12.3	12.9	13.5	14.1	14.6	15.1	15.7	16.3	16.9
-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: P558806 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-940-U-NAT-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°	17.4	17.2	16.8	16.4	15.9	15.9	15.9	15.8	15.7	15.6	15.4
85°	37.3	38.0	38.6	39.3	39.9	40.5	41.1	41.6	41.9	41.9	41.7
82.5°	60.6	62.6	64.7	66.6	68.3	69.3	70.0	70.5	70.8	71.3	71.8
80°	88.0	90.9	93.7	96.0	97.8	99.2	100.3	101.2	101.9	102.6	103.1
77.5°	119.0	122.3	125.5	128.3	130.7	132.9	134.8	136.4	137.5	139.2	140.8
75°	152.0	155.7	159.7	163.2	166.3	169.6	172.9	175.8	178.5	180.7	182.4
72.5°	185.3	189.3	194.1	198.6	202.8	207.2	211.6	215.4	218.7	221.8	224.6
70°	218.3	222.0	228.2	234.2	239.8	245.1	250.4	255.1	259.3	263.3	266.9
67.5°	252.3	256.2	263.9	270.9	277.1	282.9	289.0	294.5	299.2	303.5	307.2
65°	288.6	292.0	300.4	307.9	314.5	320.0	326.6	332.6	337.9	342.6	346.5
62.5°	326.1	329.6	336.4	343.9	350.2	355.5	363.2	370.0	375.6	380.4	384.4
60°	364.2	367.2	372.5	380.7	387.7	393.5	400.3	406.9	412.4	417.1	421.3
57.5°	403.8	406.8	409.4	417.6	424.4	429.6	435.6	442.0	447.3	451.7	456.1
55°	444.7	447.0	446.2	453.8	460.1	464.4	468.8	475.6	480.9	484.8	488.8
52.5°	486.4	489.2	487.3	490.5	497.4	501.2	503.1	510.5	515.9	519.5	523.1
50°	533.0	535.2	533.5	531.6	538.3	542.3	543.4	549.3	554.2	557.0	559.5
47.5°	583.4	586.1	584.8	577.5	583.4	588.5	588.6	591.1	596.2	598.3	599.8
45°	638.3	643.5	642.4	637.3	636.5	641.6	641.1	639.1	645.0	647.7	648.5
42.5°	710.3	708.6	710.2	707.3	698.2	704.1	704.8	697.3	704.8	708.0	706.1
40°	798.4	782.3	791.2	789.9	781.4	780.1	784.7	778.7	779.8	784.4	780.8
37.5°	903.2	891.8	886.9	890.9	888.4	877.6	886.2	884.1	877.2	884.9	881.6
35°	1032.3	1028.8	1002.9	1018.7	1022.0	1011.7	1014.6	1019.1	1004.3	1016.0	1014.7
32.5°	1183.2	1190.8	1185.2	1175.6	1190.3	1192.2	1175.1	1195.6	1187.4	1190.3	1198.3
30°	1354.1	1393.3	1412.4	1395.4	1404.5	1422.8	1414.4	1428.7	1435.5	1424.8	1444.9
27.5°	1652.7	1638.7	1684.5	1704.4	1683.1	1716.4	1740.6	1729.9	1765.2	1744.3	1774.2
25°	2032.1	2011.7	2023.9	2089.7	2104.3	2087.4	2155.6	2163.6	2191.6	2195.1	2215.9
22.5°	2477.9	2527.3	2521.5	2541.6	2624.2	2651.8	2677.0	2742.5	2727.6	2787.0	2797.3
20°	2976.4	3100.4	3185.9	3203.8	3239.1	3334.1	3377.7	3429.4	3464.1	3520.4	3567.9
17.5°	3819.6	3756.1	3923.7	4028.9	4084.3	4104.1	4218.5	4255.8	4341.7	4390.8	4439.6
15°	4902.3	4939.3	4863.7	4964.1	5133.6	5190.8	5125.0	5278.6	5321.9	5404.6	5419.2
12.5°	6059.5	6246.8	6338.7	6363.7	6275.0	6516.2	6612.8	6491.5	6629.1	6604.3	6717.5
10°	7163.7	7618.8	7891.3	8083.0	8199.5	8269.6	8339.4	8464.7	8466.9	8559.7	8505.5
7.5°	8070.2	8647.3	9198.6	9733.4	10161.1	10401.0	10589.3	10769.9	11010.9	11126.3	11201.3
5°	8957.1	9622.9	10282.6	10930.8	11517.9	12082.7	12636.2	13116.4	13370.8	13668.1	13933.3
2.5°	9530.7	10372.9	11215.3	12049.7	12728.1	13350.5	13926.6	14461.7	14931.1	15365.3	15732.0
0°	9642.7	10585.2	11464.0	12296.5	13060.3	13829.0	14500.3	15105.3	15616.6	16077.8	16389.1
-2.5°	9530.7	10372.9	11215.3	12049.7	12728.1	13350.5	13926.6	14461.7	14931.1	15365.3	15732.0
-5°	8957.1	9622.9	10282.6	10930.8	11517.9	12082.7	12636.2	13116.4	13370.8	13668.1	13933.3
-7.5°	8070.2	8647.3	9198.6	9733.4	10161.1	10401.0	10589.3	10769.9	11010.9	11126.3	11201.3
-10°	7163.7	7618.8	7891.3	8083.0	8199.5	8269.6	8339.4	8464.7	8466.9	8559.7	8505.5
-12.5°	6059.5	6246.8	6338.7	6363.7	6275.0	6516.2	6612.8	6491.5	6629.1	6604.3	6717.5
-15°	4902.3	4939.3	4863.7	4964.1	5133.6	5190.8	5125.0	5278.6	5321.9	5404.6	5419.2
-17.5°	3819.6	3756.1	3923.7	4028.9	4084.3	4104.1	4218.5	4255.8	4341.7	4390.8	4439.6
-20°	2976.4	3100.4	3185.9	3203.8	3239.1	3334.1	3377.7	3429.4	3464.1	3520.4	3567.9



REPORT NUMBER: P558806 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-940-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2477.9	2527.3	2521.5	2541.6	2624.2	2651.8	2677.0	2742.5	2727.6	2787.0	2797.3
-25°	2032.1	2011.7	2023.9	2089.7	2104.3	2087.4	2155.6	2163.6	2191.6	2195.1	2215.9
-27.5°	1652.7	1638.7	1684.5	1704.4	1683.1	1716.4	1740.6	1729.9	1765.2	1744.3	1774.2
-30°	1354.1	1393.3	1412.4	1395.4	1404.5	1422.8	1414.4	1428.7	1435.5	1424.8	1444.9
-32.5°	1183.2	1190.8	1185.2	1175.6	1190.3	1192.2	1175.1	1195.6	1187.4	1190.3	1198.3
-35°	1032.3	1028.8	1002.9	1018.7	1022.0	1011.7	1014.6	1019.1	1004.3	1016.0	1014.7
-37.5°	903.2	891.8	886.9	890.9	888.4	877.6	886.2	884.1	877.2	884.9	881.6
-40°	798.4	782.3	791.2	789.9	781.4	780.1	784.7	778.7	779.8	784.4	780.8
-42.5°	710.3	708.6	710.2	707.3	698.2	704.1	704.8	697.3	704.8	708.0	706.1
-45°	638.3	643.5	642.4	637.3	636.5	641.6	641.1	639.1	645.0	647.7	648.5
-47.5°	583.4	586.1	584.8	577.5	583.4	588.5	588.6	591.1	596.2	598.3	599.8
-50°	533.0	535.2	533.5	531.6	538.3	542.3	543.4	549.3	554.2	557.0	559.5
-52.5°	486.4	489.2	487.3	490.5	497.4	501.2	503.1	510.5	515.9	519.5	523.1
-55°	444.7	447.0	446.2	453.8	460.1	464.4	468.8	475.6	480.9	484.8	488.8
-57.5°	403.8	406.8	409.4	417.6	424.4	429.6	435.6	442.0	447.3	451.7	456.1
-60°	364.2	367.2	372.5	380.7	387.7	393.5	400.3	406.9	412.4	417.1	421.3
-62.5°	326.1	329.6	336.4	343.9	350.2	355.5	363.2	370.0	375.6	380.4	384.4
-65°	288.6	292.0	300.4	307.9	314.5	320.0	326.6	332.6	337.9	342.6	346.5
-67.5°	252.3	256.2	263.9	270.9	277.1	282.9	289.0	294.5	299.2	303.5	307.2
-70°	218.3	222.0	228.2	234.2	239.8	245.1	250.4	255.1	259.3	263.3	266.9
-72.5°	185.3	189.3	194.1	198.6	202.8	207.2	211.6	215.4	218.7	221.8	224.6
-75°	152.0	155.7	159.7	163.2	166.3	169.6	172.9	175.8	178.5	180.7	182.4
-77.5°	119.0	122.3	125.5	128.3	130.7	132.9	134.8	136.4	137.5	139.2	140.8
-80°	88.0	90.9	93.7	96.0	97.8	99.2	100.3	101.2	101.9	102.6	103.1
-82.5°	60.6	62.6	64.7	66.6	68.3	69.3	70.0	70.5	70.8	71.3	71.8
-85°	37.3	38.0	38.6	39.3	39.9	40.5	41.1	41.6	41.9	41.9	41.7
-87.5°	17.4	17.2	16.8	16.4	15.9	15.9	15.9	15.8	15.7	15.6	15.4
-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: P558806 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-940-U-NAT-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°	15.2	14.9	15.6	16.3	15.6	14.9	15.2	15.4	15.6	15.7	15.8
85°	41.5	41.1	41.8	42.5	41.8	41.1	41.5	41.7	41.9	41.9	41.6
82.5°	72.0	72.1	72.4	72.5	72.4	72.1	72.0	71.8	71.3	70.8	70.5
80°	103.4	103.3	103.0	102.5	103.0	103.3	103.4	103.1	102.6	101.9	101.2
77.5°	142.1	143.0	143.6	143.8	143.6	143.0	142.1	140.8	139.2	137.5	136.4
75°	183.5	184.1	184.2	183.8	184.2	184.1	183.5	182.4	180.7	178.5	175.8
72.5°	226.9	228.7	229.1	228.8	229.1	228.7	226.9	224.6	221.8	218.7	215.4
70°	270.0	272.3	272.3	271.3	272.3	272.3	270.0	266.9	263.3	259.3	255.1
67.5°	310.1	312.3	314.0	315.0	314.0	312.3	310.1	307.2	303.5	299.2	294.5
65°	349.7	352.1	353.4	353.8	353.4	352.1	349.7	346.5	342.6	337.9	332.6
62.5°	387.4	389.6	390.9	391.3	390.9	389.6	387.4	384.4	380.4	375.6	370.0
60°	424.6	426.9	427.3	426.3	427.3	426.9	424.6	421.3	417.1	412.4	406.9
57.5°	459.4	461.9	461.8	460.0	461.8	461.9	459.4	456.1	451.7	447.3	442.0
55°	491.6	493.4	494.0	493.8	494.0	493.4	491.6	488.8	484.8	480.9	475.6
52.5°	525.8	527.2	527.8	527.5	527.8	527.2	525.8	523.1	519.5	515.9	510.5
50°	561.3	561.5	561.5	561.3	561.5	561.5	561.3	559.5	557.0	554.2	549.3
47.5°	602.0	602.5	602.6	602.5	602.6	602.5	602.0	599.8	598.3	596.2	591.1
45°	650.2	648.8	647.4	647.5	647.4	648.8	650.2	648.5	647.7	645.0	639.1
42.5°	707.9	706.4	704.6	705.0	704.6	706.4	707.9	706.1	708.0	704.8	697.3
40°	783.9	783.5	781.0	780.0	781.0	783.5	783.9	780.8	784.4	779.8	778.7
37.5°	882.1	880.7	875.0	872.5	875.0	880.7	882.1	881.6	884.9	877.2	884.1
35°	1011.3	1009.3	1000.6	1001.3	1000.6	1009.3	1011.3	1014.7	1016.0	1004.3	1019.1
32.5°	1194.3	1195.0	1181.8	1178.8	1181.8	1195.0	1194.3	1198.3	1190.3	1187.4	1195.6
30°	1432.4	1437.6	1422.1	1428.8	1422.1	1437.6	1432.4	1444.9	1424.8	1435.5	1428.7
27.5°	1773.6	1783.6	1769.8	1758.8	1769.8	1783.6	1773.6	1774.2	1744.3	1765.2	1729.9
25°	2243.3	2250.7	2235.0	2221.3	2235.0	2250.7	2243.3	2215.9	2195.1	2191.6	2163.6
22.5°	2854.6	2854.2	2853.4	2875.1	2853.4	2854.2	2854.6	2797.3	2787.0	2727.6	2742.5
20°	3598.6	3580.6	3607.6	3625.1	3607.6	3580.6	3598.6	3567.9	3520.4	3464.1	3429.4
17.5°	4450.9	4484.7	4510.6	4553.8	4510.6	4484.7	4450.9	4439.6	4390.8	4341.7	4255.8
15°	5455.9	5506.9	5532.8	5518.9	5532.8	5506.9	5455.9	5419.2	5404.6	5321.9	5278.6
12.5°	6721.4	6782.3	6737.3	6681.4	6737.3	6782.3	6721.4	6717.5	6604.3	6629.1	6491.5
10°	8506.3	8637.3	8644.6	8535.2	8644.6	8637.3	8506.3	8505.5	8559.7	8466.9	8464.7
7.5°	11244.9	11308.6	11405.3	11410.2	11405.3	11308.6	11244.9	11201.3	11126.3	11010.9	10769.9
5°	14053.4	14223.1	14332.4	14521.5	14332.4	14223.1	14053.4	13933.3	13668.1	13370.8	13116.4
2.5°	15968.9	16188.1	16272.3	16486.6	16272.3	16188.1	15968.9	15732.0	15365.3	14931.1	14461.7
0°	16666.6	16844.1	16950.3	17035.3	16950.3	16844.1	16666.6	16389.1	16077.8	15616.6	15105.3
-2.5°	15968.9	16188.1	16272.3	16486.6	16272.3	16188.1	15968.9	15732.0	15365.3	14931.1	14461.7
-5°	14053.4	14223.1	14332.4	14521.5	14332.4	14223.1	14053.4	13933.3	13668.1	13370.8	13116.4
-7.5°	11244.9	11308.6	11405.3	11410.2	11405.3	11308.6	11244.9	11201.3	11126.3	11010.9	10769.9
-10°	8506.3	8637.3	8644.6	8535.2	8644.6	8637.3	8506.3	8505.5	8559.7	8466.9	8464.7
-12.5°	6721.4	6782.3	6737.3	6681.4	6737.3	6782.3	6721.4	6717.5	6604.3	6629.1	6491.5
-15°	5455.9	5506.9	5532.8	5518.9	5532.8	5506.9	5455.9	5419.2	5404.6	5321.9	5278.6
-17.5°	4450.9	4484.7	4510.6	4553.8	4510.6	4484.7	4450.9	4439.6	4390.8	4341.7	4255.8
-20°	3598.6	3580.6	3607.6	3625.1	3607.6	3580.6	3598.6	3567.9	3520.4	3464.1	3429.4



REPORT NUMBER: P558806 (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°	2854.6	2854.2	2853.4	2875.1	2853.4	2854.2	2854.6	2797.3	2787.0	2727.6	2742.5
-25°	2243.3	2250.7	2235.0	2221.3	2235.0	2250.7	2243.3	2215.9	2195.1	2191.6	2163.6
-27.5°	1773.6	1783.6	1769.8	1758.8	1769.8	1783.6	1773.6	1774.2	1744.3	1765.2	1729.9
-30°	1432.4	1437.6	1422.1	1428.8	1422.1	1437.6	1432.4	1444.9	1424.8	1435.5	1428.7
-32.5°	1194.3	1195.0	1181.8	1178.8	1181.8	1195.0	1194.3	1198.3	1190.3	1187.4	1195.6
-35°	1011.3	1009.3	1000.6	1001.3	1000.6	1009.3	1011.3	1014.7	1016.0	1004.3	1019.1
-37.5°	882.1	880.7	875.0	872.5	875.0	880.7	882.1	881.6	884.9	877.2	884.1
-40°	783.9	783.5	781.0	780.0	781.0	783.5	783.9	780.8	784.4	779.8	778.7
-42.5°	707.9	706.4	704.6	705.0	704.6	706.4	707.9	706.1	708.0	704.8	697.3
-45°	650.2	648.8	647.4	647.5	647.4	648.8	650.2	648.5	647.7	645.0	639.1
-47.5°	602.0	602.5	602.6	602.5	602.6	602.5	602.0	599.8	598.3	596.2	591.1
-50°	561.3	561.5	561.5	561.3	561.5	561.5	561.3	559.5	557.0	554.2	549.3
-52.5°	525.8	527.2	527.8	527.5	527.8	527.2	525.8	523.1	519.5	515.9	510.5
-55°	491.6	493.4	494.0	493.8	494.0	493.4	491.6	488.8	484.8	480.9	475.6
-57.5°	459.4	461.9	461.8	460.0	461.8	461.9	459.4	456.1	451.7	447.3	442.0
-60°	424.6	426.9	427.3	426.3	427.3	426.9	424.6	421.3	417.1	412.4	406.9
-62.5°	387.4	389.6	390.9	391.3	390.9	389.6	387.4	384.4	380.4	375.6	370.0
-65°	349.7	352.1	353.4	353.8	353.4	352.1	349.7	346.5	342.6	337.9	332.6
-67.5°	310.1	312.3	314.0	315.0	314.0	312.3	310.1	307.2	303.5	299.2	294.5
-70°	270.0	272.3	272.3	271.3	272.3	272.3	270.0	266.9	263.3	259.3	255.1
-72.5°	226.9	228.7	229.1	228.8	229.1	228.7	226.9	224.6	221.8	218.7	215.4
-75°	183.5	184.1	184.2	183.8	184.2	184.1	183.5	182.4	180.7	178.5	175.8
-77.5°	142.1	143.0	143.6	143.8	143.6	143.0	142.1	140.8	139.2	137.5	136.4
-80°	103.4	103.3	103.0	102.5	103.0	103.3	103.4	103.1	102.6	101.9	101.2
-82.5°	72.0	72.1	72.4	72.5	72.4	72.1	72.0	71.8	71.3	70.8	70.5
-85°	41.5	41.1	41.8	42.5	41.8	41.1	41.5	41.7	41.9	41.9	41.6
-87.5°	15.2	14.9	15.6	16.3	15.6	14.9	15.2	15.4	15.6	15.7	15.8
-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: P558806 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	15.9	15.9	15.9	16.4	16.8	17.2	17.4	16.9	16.3	15.7	15.1
85°	41.1	40.5	39.9	39.3	38.6	38.0	37.3	36.7	35.9	34.9	33.7
82.5°	70.0	69.3	68.3	66.6	64.7	62.6	60.6	59.6	58.3	56.9	55.3
80°	100.3	99.2	97.8	96.0	93.7	90.9	88.0	85.7	83.2	80.6	78.7
77.5°	134.8	132.9	130.7	128.3	125.5	122.3	119.0	116.1	112.9	109.3	106.1
75°	172.9	169.6	166.3	163.2	159.7	155.7	152.0	148.6	144.5	139.7	136.0
72.5°	211.6	207.2	202.8	198.6	194.1	189.3	185.3	181.9	177.3	171.7	167.9
70°	250.4	245.1	239.8	234.2	228.2	222.0	218.3	215.1	210.9	205.2	201.8
67.5°	289.0	282.9	277.1	270.9	263.9	256.2	252.3	248.1	243.3	237.6	236.0
65°	326.6	320.0	314.5	307.9	300.4	292.0	288.6	284.0	278.1	271.8	270.8
62.5°	363.2	355.5	350.2	343.9	336.4	329.6	326.1	320.9	314.2	309.5	308.9
60°	400.3	393.5	387.7	380.7	372.5	367.2	364.2	358.9	351.2	349.3	348.4
57.5°	435.6	429.6	424.4	417.6	409.4	406.8	403.8	398.1	390.2	391.3	389.5
55°	468.8	464.4	460.1	453.8	446.2	447.0	444.7	439.1	434.4	435.8	433.6
52.5°	503.1	501.2	497.4	490.5	487.3	489.2	486.4	481.0	482.0	483.6	480.0
50°	543.4	542.3	538.3	531.6	533.5	535.2	533.0	526.2	532.6	534.1	529.4
47.5°	588.6	588.5	583.4	577.5	584.8	586.1	583.4	583.9	589.4	587.9	582.1
45°	641.1	641.6	636.5	637.3	642.4	643.5	638.3	647.9	651.4	648.2	637.8
42.5°	704.8	704.1	698.2	707.3	710.2	708.6	710.3	720.3	720.4	713.2	713.7
40°	784.7	780.1	781.4	789.9	791.2	782.3	798.4	802.3	798.7	785.2	804.2
37.5°	886.2	877.6	888.4	890.9	886.9	891.8	903.2	900.9	885.7	899.0	910.7
35°	1014.6	1011.7	1022.0	1018.7	1002.9	1028.8	1032.3	1016.1	1010.6	1034.9	1033.4
32.5°	1175.1	1192.2	1190.3	1175.6	1185.2	1190.8	1183.2	1155.9	1190.8	1200.1	1178.7
30°	1414.4	1422.8	1404.5	1395.4	1412.4	1393.3	1354.1	1394.0	1409.1	1390.3	1342.9
27.5°	1740.6	1716.4	1683.1	1704.4	1684.5	1638.7	1652.7	1672.8	1655.2	1609.7	1556.0
25°	2155.6	2087.4	2104.3	2089.7	2023.9	2011.7	2032.1	2009.2	1945.6	1877.3	1952.5
22.5°	2677.0	2651.8	2624.2	2541.6	2521.5	2527.3	2477.9	2385.9	2330.0	2401.6	2404.0
20°	3377.7	3334.1	3239.1	3203.8	3185.9	3100.4	2976.4	2963.8	3022.5	2992.3	2901.6
17.5°	4218.5	4104.1	4084.3	4028.9	3923.7	3756.1	3819.6	3841.6	3785.7	3629.2	3438.8
15°	5125.0	5190.8	5133.6	4964.1	4863.7	4939.3	4902.3	4780.0	4610.4	4324.2	4000.0
12.5°	6612.8	6516.2	6275.0	6363.7	6338.7	6246.8	6059.5	5790.4	5438.2	4974.7	4507.7
10°	8339.4	8269.6	8199.5	8083.0	7891.3	7618.8	7163.7	6658.2	6131.9	5585.3	5018.0
7.5°	10589.3	10401.0	10161.1	9733.4	9198.6	8647.3	8070.2	7467.0	6824.4	6186.5	5523.7
5°	12636.2	12082.7	11517.9	10930.8	10282.6	9622.9	8957.1	8262.0	7504.8	6770.3	6014.0
2.5°	13926.6	13350.5	12728.1	12049.7	11215.3	10372.9	9530.7	8688.8	7787.4	6938.2	6089.6
0°	14500.3	13829.0	13060.3	12296.5	11464.0	10585.2	9642.7	8778.9	7856.4	6992.6	6132.6
-2.5°	13926.6	13350.5	12728.1	12049.7	11215.3	10372.9	9530.7	8688.8	7787.4	6938.2	6089.6
-5°	12636.2	12082.7	11517.9	10930.8	10282.6	9622.9	8957.1	8262.0	7504.8	6770.3	6014.0
-7.5°	10589.3	10401.0	10161.1	9733.4	9198.6	8647.3	8070.2	7467.0	6824.4	6186.5	5523.7
-10°	8339.4	8269.6	8199.5	8083.0	7891.3	7618.8	7163.7	6658.2	6131.9	5585.3	5018.0
-12.5°	6612.8	6516.2	6275.0	6363.7	6338.7	6246.8	6059.5	5790.4	5438.2	4974.7	4507.7
-15°	5125.0	5190.8	5133.6	4964.1	4863.7	4939.3	4902.3	4780.0	4610.4	4324.2	4000.0
-17.5°	4218.5	4104.1	4084.3	4028.9	3923.7	3756.1	3819.6	3841.6	3785.7	3629.2	3438.8
-20°	3377.7	3334.1	3239.1	3203.8	3185.9	3100.4	2976.4	2963.8	3022.5	2992.3	2901.6



REPORT NUMBER: P558806 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-940-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2677.0	2651.8	2624.2	2541.6	2521.5	2527.3	2477.9	2385.9	2330.0	2401.6	2404.0
-25°	2155.6	2087.4	2104.3	2089.7	2023.9	2011.7	2032.1	2009.2	1945.6	1877.3	1952.5
-27.5°	1740.6	1716.4	1683.1	1704.4	1684.5	1638.7	1652.7	1672.8	1655.2	1609.7	1556.0
-30°	1414.4	1422.8	1404.5	1395.4	1412.4	1393.3	1354.1	1394.0	1409.1	1390.3	1342.9
-32.5°	1175.1	1192.2	1190.3	1175.6	1185.2	1190.8	1183.2	1155.9	1190.8	1200.1	1178.7
-35°	1014.6	1011.7	1022.0	1018.7	1002.9	1028.8	1032.3	1016.1	1010.6	1034.9	1033.4
-37.5°	886.2	877.6	888.4	890.9	886.9	891.8	903.2	900.9	885.7	899.0	910.7
-40°	784.7	780.1	781.4	789.9	791.2	782.3	798.4	802.3	798.7	785.2	804.2
-42.5°	704.8	704.1	698.2	707.3	710.2	708.6	710.3	720.3	720.4	713.2	713.7
-45°	641.1	641.6	636.5	637.3	642.4	643.5	638.3	647.9	651.4	648.2	637.8
-47.5°	588.6	588.5	583.4	577.5	584.8	586.1	583.4	583.9	589.4	587.9	582.1
-50°	543.4	542.3	538.3	531.6	533.5	535.2	533.0	526.2	532.6	534.1	529.4
-52.5°	503.1	501.2	497.4	490.5	487.3	489.2	486.4	481.0	482.0	483.6	480.0
-55°	468.8	464.4	460.1	453.8	446.2	447.0	444.7	439.1	434.4	435.8	433.6
-57.5°	435.6	429.6	424.4	417.6	409.4	406.8	403.8	398.1	390.2	391.3	389.5
-60°	400.3	393.5	387.7	380.7	372.5	367.2	364.2	358.9	351.2	349.3	348.4
-62.5°	363.2	355.5	350.2	343.9	336.4	329.6	326.1	320.9	314.2	309.5	308.9
-65°	326.6	320.0	314.5	307.9	300.4	292.0	288.6	284.0	278.1	271.8	270.8
-67.5°	289.0	282.9	277.1	270.9	263.9	256.2	252.3	248.1	243.3	237.6	236.0
-70°	250.4	245.1	239.8	234.2	228.2	222.0	218.3	215.1	210.9	205.2	201.8
-72.5°	211.6	207.2	202.8	198.6	194.1	189.3	185.3	181.9	177.3	171.7	167.9
-75°	172.9	169.6	166.3	163.2	159.7	155.7	152.0	148.6	144.5	139.7	136.0
-77.5°	134.8	132.9	130.7	128.3	125.5	122.3	119.0	116.1	112.9	109.3	106.1
-80°	100.3	99.2	97.8	96.0	93.7	90.9	88.0	85.7	83.2	80.6	78.7
-82.5°	70.0	69.3	68.3	66.6	64.7	62.6	60.6	59.6	58.3	56.9	55.3
-85°	41.1	40.5	39.9	39.3	38.6	38.0	37.3	36.7	35.9	34.9	33.7
-87.5°	15.9	15.9	15.9	16.4	16.8	17.2	17.4	16.9	16.3	15.7	15.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558806 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-940-U-NAT-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°	14.6	14.1	13.5	12.9	12.3	11.6	10.8	10.1	9.3	8.6	7.7
85°	32.6	31.2	29.5	27.6	25.6	23.1	21.7	20.1	18.7	17.1	15.4
82.5°	53.8	52.1	50.1	47.8	45.8	43.2	39.8	35.8	31.2	26.2	23.1
80°	78.0	76.4	73.9	70.6	67.2	63.3	59.5	54.8	49.0	42.6	35.6
77.5°	104.8	102.5	99.4	95.8	91.5	86.4	80.7	74.1	66.7	58.9	50.4
75°	133.8	131.2	127.6	122.8	116.6	109.6	102.6	94.8	85.9	75.4	65.1
72.5°	165.5	161.8	156.8	150.3	143.2	134.9	125.4	115.6	105.6	93.9	80.4
70°	198.4	193.5	187.7	180.7	171.5	160.3	149.5	138.4	125.5	112.3	97.3
67.5°	232.5	226.9	219.7	212.0	202.2	189.8	174.4	161.9	148.1	130.9	114.1
65°	267.8	261.7	252.8	245.0	234.1	220.2	203.7	187.1	170.8	152.3	130.9
62.5°	305.0	298.1	289.7	279.6	267.1	251.8	233.6	215.9	194.6	173.8	149.8
60°	344.3	336.9	328.2	317.4	302.3	284.2	265.5	244.8	221.6	195.3	169.5
57.5°	385.0	376.8	369.6	357.0	340.1	318.9	298.8	276.1	248.7	219.5	189.1
55°	427.1	419.5	413.0	399.5	379.8	355.9	335.0	309.2	276.8	244.2	208.7
52.5°	472.2	466.8	458.9	444.0	422.3	396.8	375.9	343.2	308.6	268.8	230.7
50°	519.6	519.5	509.2	491.1	466.3	445.2	419.0	383.5	340.9	294.9	253.0
47.5°	578.2	577.4	565.2	541.7	513.3	497.4	467.8	426.0	373.8	324.7	275.4
45°	644.8	640.3	625.4	599.1	573.7	556.5	520.4	469.9	413.9	355.2	297.9
42.5°	718.6	710.7	690.0	659.3	649.0	622.0	575.9	520.0	455.0	385.6	322.8
40°	805.1	788.2	759.7	744.2	733.5	692.9	639.9	572.7	496.8	418.2	349.2
37.5°	900.8	876.0	838.0	849.7	827.4	777.2	708.4	627.2	540.7	455.1	375.3
35°	1012.7	973.9	974.8	973.1	935.1	867.5	780.5	686.1	589.2	491.9	400.9
32.5°	1135.1	1125.0	1142.3	1114.3	1052.8	963.2	861.2	751.0	638.4	528.3	426.2
30°	1308.9	1350.5	1332.1	1269.6	1182.9	1073.1	947.8	817.3	688.0	564.4	452.2
27.5°	1608.6	1607.1	1545.8	1449.1	1328.8	1189.5	1035.4	884.9	737.9	602.2	481.6
25°	1946.8	1898.4	1792.9	1646.6	1483.5	1306.1	1124.4	953.5	792.1	642.9	510.1
22.5°	2333.2	2215.6	2060.9	1856.9	1636.6	1426.0	1219.3	1028.4	848.1	682.9	537.7
20°	2750.9	2553.9	2341.3	2063.1	1801.8	1556.6	1319.7	1102.7	903.4	721.8	564.1
17.5°	3198.4	2903.1	2608.3	2286.5	1975.2	1688.3	1419.9	1175.8	957.5	759.5	589.2
15°	3631.8	3252.2	2883.2	2511.4	2149.3	1819.7	1518.8	1247.1	1009.8	795.5	609.0
12.5°	4059.1	3606.2	3162.0	2735.2	2322.0	1949.3	1615.5	1315.8	1060.0	821.3	621.8
10°	4485.6	3960.0	3440.5	2955.1	2491.2	2075.5	1708.7	1369.4	1083.7	837.8	632.5
7.5°	4905.7	4308.3	3714.3	3168.1	2636.9	2158.0	1748.5	1393.7	1099.2	851.2	640.9
5°	5248.4	4535.7	3838.9	3231.3	2677.9	2190.7	1773.1	1412.5	1110.0	861.2	647.1
2.5°	5294.7	4573.0	3857.5	3256.2	2705.2	2213.2	1789.4	1425.6	1116.0	868.0	650.9
0°	5312.6	4585.1	3855.1	3263.8	2718.8	2225.0	1797.5	1432.5	1117.5	871.3	652.5
-2.5°	5294.7	4573.0	3857.5	3256.2	2705.2	2213.2	1789.4	1425.6	1116.0	868.0	650.9
-5°	5248.4	4535.7	3838.9	3231.3	2677.9	2190.7	1773.1	1412.5	1110.0	861.2	647.1
-7.5°	4905.7	4308.3	3714.3	3168.1	2636.9	2158.0	1748.5	1393.7	1099.2	851.2	640.9
-10°	4485.6	3960.0	3440.5	2955.1	2491.2	2075.5	1708.7	1369.4	1083.7	837.8	632.5
-12.5°	4059.1	3606.2	3162.0	2735.2	2322.0	1949.3	1615.5	1315.8	1060.0	821.3	621.8
-15°	3631.8	3252.2	2883.2	2511.4	2149.3	1819.7	1518.8	1247.1	1009.8	795.5	609.0
-17.5°	3198.4	2903.1	2608.3	2286.5	1975.2	1688.3	1419.9	1175.8	957.5	759.5	589.2
-20°	2750.9	2553.9	2341.3	2063.1	1801.8	1556.6	1319.7	1102.7	903.4	721.8	564.1



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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°	2333.2	2215.6	2060.9	1856.9	1636.6	1426.0	1219.3	1028.4	848.1	682.9	537.7
-25°	1946.8	1898.4	1792.9	1646.6	1483.5	1306.1	1124.4	953.5	792.1	642.9	510.1
-27.5°	1608.6	1607.1	1545.8	1449.1	1328.8	1189.5	1035.4	884.9	737.9	602.2	481.6
-30°	1308.9	1350.5	1332.1	1269.6	1182.9	1073.1	947.8	817.3	688.0	564.4	452.2
-32.5°	1135.1	1125.0	1142.3	1114.3	1052.8	963.2	861.2	751.0	638.4	528.3	426.2
-35°	1012.7	973.9	974.8	973.1	935.1	867.5	780.5	686.1	589.2	491.9	400.9
-37.5°	900.8	876.0	838.0	849.7	827.4	777.2	708.4	627.2	540.7	455.1	375.3
-40°	805.1	788.2	759.7	744.2	733.5	692.9	639.9	572.7	496.8	418.2	349.2
-42.5°	718.6	710.7	690.0	659.3	649.0	622.0	575.9	520.0	455.0	385.6	322.8
-45°	644.8	640.3	625.4	599.1	573.7	556.5	520.4	469.9	413.9	355.2	297.9
-47.5°	578.2	577.4	565.2	541.7	513.3	497.4	467.8	426.0	373.8	324.7	275.4
-50°	519.6	519.5	509.2	491.1	466.3	445.2	419.0	383.5	340.9	294.9	253.0
-52.5°	472.2	466.8	458.9	444.0	422.3	396.8	375.9	343.2	308.6	268.8	230.7
-55°	427.1	419.5	413.0	399.5	379.8	355.9	335.0	309.2	276.8	244.2	208.7
-57.5°	385.0	376.8	369.6	357.0	340.1	318.9	298.8	276.1	248.7	219.5	189.1
-60°	344.3	336.9	328.2	317.4	302.3	284.2	265.5	244.8	221.6	195.3	169.5
-62.5°	305.0	298.1	289.7	279.6	267.1	251.8	233.6	215.9	194.6	173.8	149.8
-65°	267.8	261.7	252.8	245.0	234.1	220.2	203.7	187.1	170.8	152.3	130.9
-67.5°	232.5	226.9	219.7	212.0	202.2	189.8	174.4	161.9	148.1	130.9	114.1
-70°	198.4	193.5	187.7	180.7	171.5	160.3	149.5	138.4	125.5	112.3	97.3
-72.5°	165.5	161.8	156.8	150.3	143.2	134.9	125.4	115.6	105.6	93.9	80.4
-75°	133.8	131.2	127.6	122.8	116.6	109.6	102.6	94.8	85.9	75.4	65.1
-77.5°	104.8	102.5	99.4	95.8	91.5	86.4	80.7	74.1	66.7	58.9	50.4
-80°	78.0	76.4	73.9	70.6	67.2	63.3	59.5	54.8	49.0	42.6	35.6
-82.5°	53.8	52.1	50.1	47.8	45.8	43.2	39.8	35.8	31.2	26.2	23.1
-85°	32.6	31.2	29.5	27.6	25.6	23.1	21.7	20.1	18.7	17.1	15.4
-87.5°	14.6	14.1	13.5	12.9	12.3	11.6	10.8	10.1	9.3	8.6	7.7
-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°	6.8	6.0	5.1	4.0	2.8	1.4	0.0
85°	13.6	12.1	10.2	8.1	5.7	2.8	0.0
82.5°	20.4	18.1	15.3	12.1	8.5	4.2	0.0
80°	28.0	24.1	20.4	16.1	11.3	5.6	0.0
77.5°	41.2	32.0	25.5	20.1	14.1	7.0	0.0
75°	54.3	43.3	31.3	24.1	16.8	8.4	0.0
72.5°	67.3	54.6	40.6	28.0	19.5	9.8	0.0
70°	80.6	65.8	49.8	32.6	22.2	11.1	0.0
67.5°	95.8	76.9	59.0	39.6	24.8	12.4	0.0
65°	110.9	88.9	68.0	46.6	27.4	13.7	0.0
62.5°	126.0	101.9	77.0	53.5	30.0	15.0	0.0
60°	141.0	114.8	85.8	60.2	32.5	16.2	0.0
57.5°	158.0	127.6	96.2	66.8	36.9	17.5	0.0
55°	175.1	140.2	106.5	73.3	41.2	18.6	0.0
52.5°	191.9	152.9	116.6	79.7	45.4	19.8	0.0
50°	208.5	166.8	126.5	85.9	49.5	20.9	0.0
47.5°	225.2	180.5	136.3	92.2	53.4	22.0	0.0
45°	244.7	193.8	145.8	99.4	57.2	23.0	0.0
42.5°	263.9	206.8	155.0	106.3	60.9	24.0	0.0
40°	283.0	219.5	164.5	112.8	64.4	24.9	0.0
37.5°	301.8	231.7	174.2	118.8	67.8	25.8	0.0
35°	320.4	245.7	183.6	124.4	71.0	26.6	0.0
32.5°	339.4	260.2	192.5	129.7	74.0	27.4	0.0
30°	359.7	274.3	201.0	134.5	76.9	28.1	0.0
27.5°	379.4	287.9	208.1	139.0	79.5	28.8	0.0
25°	398.3	300.9	214.6	143.0	82.0	29.5	0.0
22.5°	416.3	312.6	220.7	146.7	84.3	30.0	0.0
20°	433.5	321.4	226.2	149.9	86.3	30.5	0.0
17.5°	446.4	329.2	231.2	152.8	88.2	31.0	0.0
15°	456.0	335.9	235.7	155.2	89.8	31.4	0.0
12.5°	464.3	341.6	239.6	157.2	91.3	31.7	0.0
10°	471.1	346.1	243.0	158.8	92.5	32.0	0.0
7.5°	476.5	349.6	245.7	160.0	93.5	32.2	0.0
5°	480.4	352.0	247.8	160.9	94.2	32.4	0.0
2.5°	482.9	353.4	249.2	161.3	94.7	32.5	0.0
0°	483.8	353.8	250.0	161.3	95.0	32.5	0.0
-2.5°	482.9	353.4	249.2	161.3	94.7	32.5	0.0
-5°	480.4	352.0	247.8	160.9	94.2	32.4	0.0
-7.5°	476.5	349.6	245.7	160.0	93.5	32.2	0.0
-10°	471.1	346.1	243.0	158.8	92.5	32.0	0.0
-12.5°	464.3	341.6	239.6	157.2	91.3	31.7	0.0
-15°	456.0	335.9	235.7	155.2	89.8	31.4	0.0
-17.5°	446.4	329.2	231.2	152.8	88.2	31.0	0.0
-20°	433.5	321.4	226.2	149.9	86.3	30.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	416.3	312.6	220.7	146.7	84.3	30.0	0.0
-25°	398.3	300.9	214.6	143.0	82.0	29.5	0.0
-27.5°	379.4	287.9	208.1	139.0	79.5	28.8	0.0
-30°	359.7	274.3	201.0	134.5	76.9	28.1	0.0
-32.5°	339.4	260.2	192.5	129.7	74.0	27.4	0.0
-35°	320.4	245.7	183.6	124.4	71.0	26.6	0.0
-37.5°	301.8	231.7	174.2	118.8	67.8	25.8	0.0
-40°	283.0	219.5	164.5	112.8	64.4	24.9	0.0
-42.5°	263.9	206.8	155.0	106.3	60.9	24.0	0.0
-45°	244.7	193.8	145.8	99.4	57.2	23.0	0.0
-47.5°	225.2	180.5	136.3	92.2	53.4	22.0	0.0
-50°	208.5	166.8	126.5	85.9	49.5	20.9	0.0
-52.5°	191.9	152.9	116.6	79.7	45.4	19.8	0.0
-55°	175.1	140.2	106.5	73.3	41.2	18.6	0.0
-57.5°	158.0	127.6	96.2	66.8	36.9	17.5	0.0
-60°	141.0	114.8	85.8	60.2	32.5	16.2	0.0
-62.5°	126.0	101.9	77.0	53.5	30.0	15.0	0.0
-65°	110.9	88.9	68.0	46.6	27.4	13.7	0.0
-67.5°	95.8	76.9	59.0	39.6	24.8	12.4	0.0
-70°	80.6	65.8	49.8	32.6	22.2	11.1	0.0
-72.5°	67.3	54.6	40.6	28.0	19.5	9.8	0.0
-75°	54.3	43.3	31.3	24.1	16.8	8.4	0.0
-77.5°	41.2	32.0	25.5	20.1	14.1	7.0	0.0
-80°	28.0	24.1	20.4	16.1	11.3	5.6	0.0
-82.5°	20.4	18.1	15.3	12.1	8.5	4.2	0.0
-85°	13.6	12.1	10.2	8.1	5.7	2.8	0.0
-87.5°	6.8	6.0	5.1	4.0	2.8	1.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)