

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: P558790 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-930-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558790 (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-930-U-NAT-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR
6x4
Light Source: (48) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

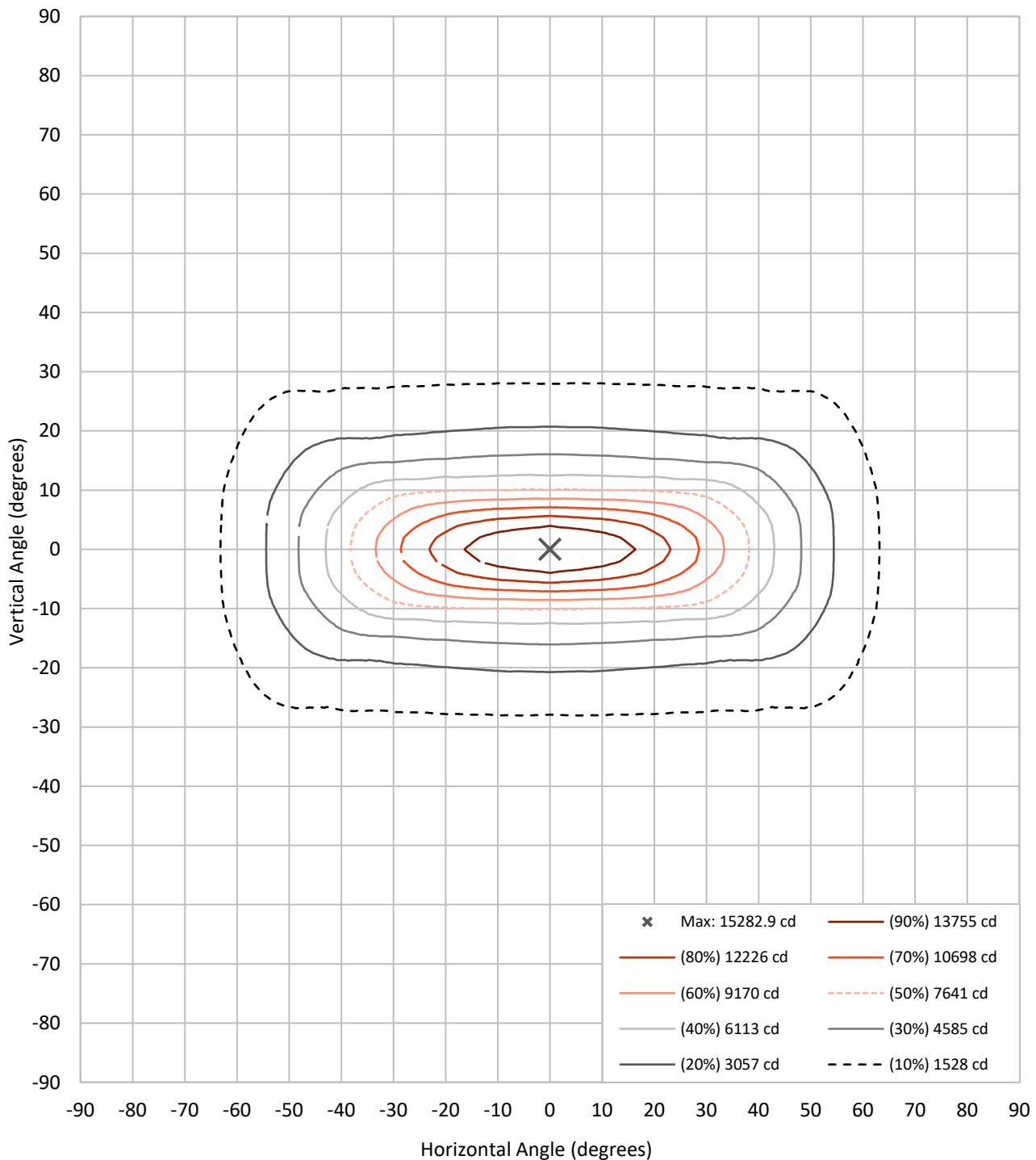
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	10945.3 lumens	Max Intensity:	15282.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	92.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	4379.2 lumens	Field Lumens:	8970.8 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





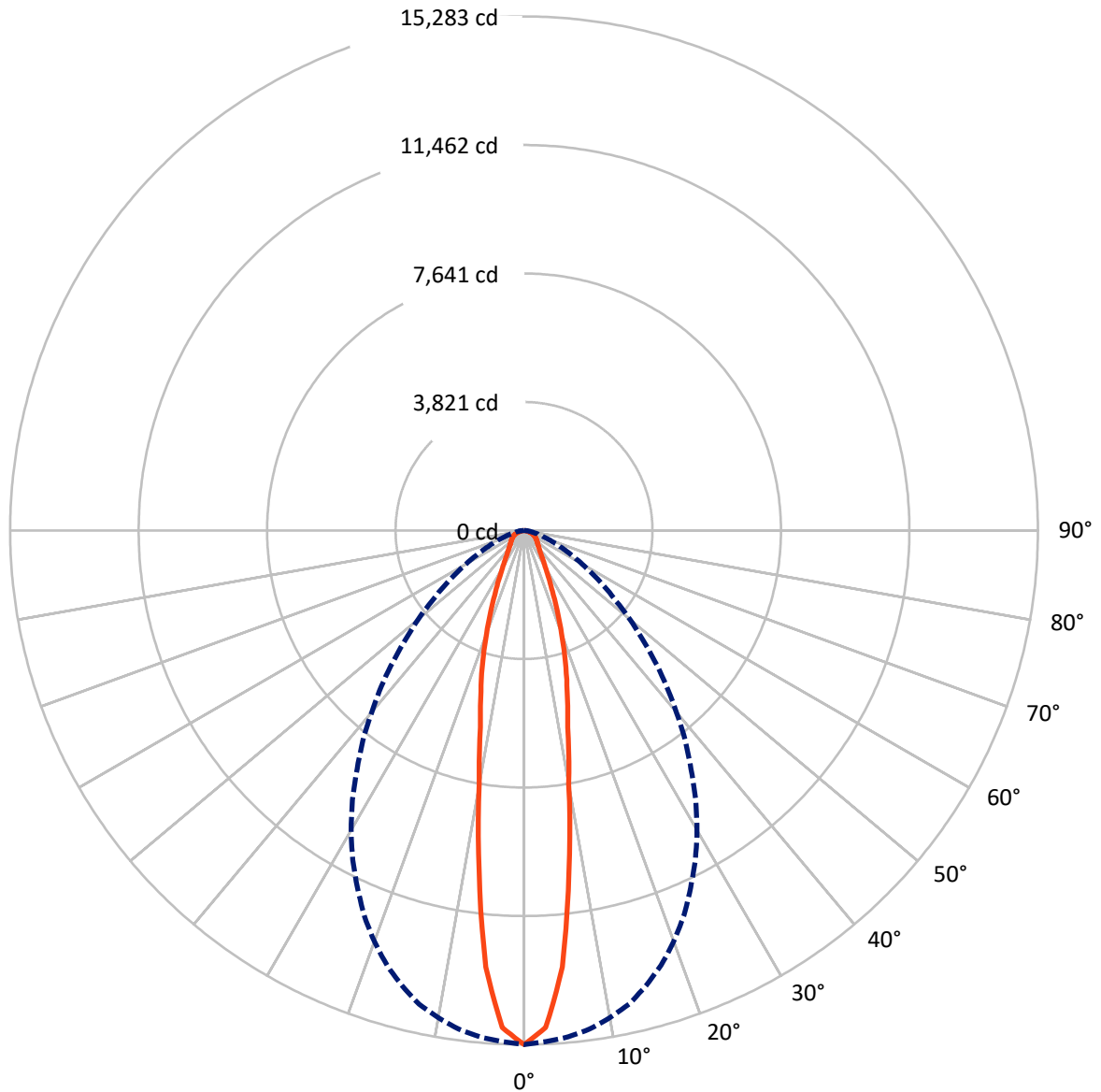
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Lumen Table

90																			
80	0.6	3.8		7.7		11.1		12.5		11.1		7.7		3.8		0.6			
70																			
60	2.3	2.2	3.8	5.2	6.5	7.8	8.9	9.5	9.5	8.9	7.8	6.5	5.2	3.8	2.2	2.3			
50		3.6	6.2	8.4	9.9	11.4	12.7	13.4	13.4	12.7	11.4	9.9	8.4	6.2	3.6				
40	4.7	5.5	9.5	12.6	14.6	16.0	17.2	17.9	17.9	17.2	16.0	14.6	12.6	9.5	5.5	4.7			
30		8.1	15.2	20.1	23.4	25.9	27.6	28.4	28.4	27.6	25.9	23.4	20.1	15.2	8.1				
20	7.2	11.3	25.9	38.6	46.6	54.1	60.2	63.7	63.7	60.2	54.1	46.6	38.6	25.9	11.3	7.2			
10		15.0	39.9	76.8	110.4	131.6	146.5	155.0	155.0	146.5	131.6	110.4	76.8	39.9	15.0				
0	8.3	17.2	51.2	113.1	195.6	277.5	337.7	369.4	369.4	337.7	277.5	195.6	113.1	51.2	17.2	8.3			
-10		17.2	51.2	113.1	195.6	277.5	337.7	369.4	369.4	337.7	277.5	195.6	113.1	51.2	17.2				
-20	7.2	15.0	39.9	76.8	110.4	131.6	146.5	155.0	155.0	146.5	131.6	110.4	76.8	39.9	15.0	7.2			
-30		11.3	25.9	38.6	46.6	54.1	60.2	63.7	63.7	60.2	54.1	46.6	38.6	25.9	11.3				
-40	4.7	8.1	15.2	20.1	23.4	25.9	27.6	28.4	28.4	27.6	25.9	23.4	20.1	15.2	8.1	4.7			
-50		5.5	9.5	12.6	14.6	16.0	17.2	17.9	17.9	17.2	16.0	14.6	12.6	9.5	5.5				
-60	2.3	3.6	6.2	8.4	9.9	11.4	12.7	13.4	13.4	12.7	11.4	9.9	8.4	6.2	3.6	2.3			
-70		2.2	3.8	5.2	6.5	7.8	8.9	9.5	9.5	8.9	7.8	6.5	5.2	3.8	2.2				
-80	0.6	3.8		7.7		11.1		12.5		11.1		7.7		3.8		0.6			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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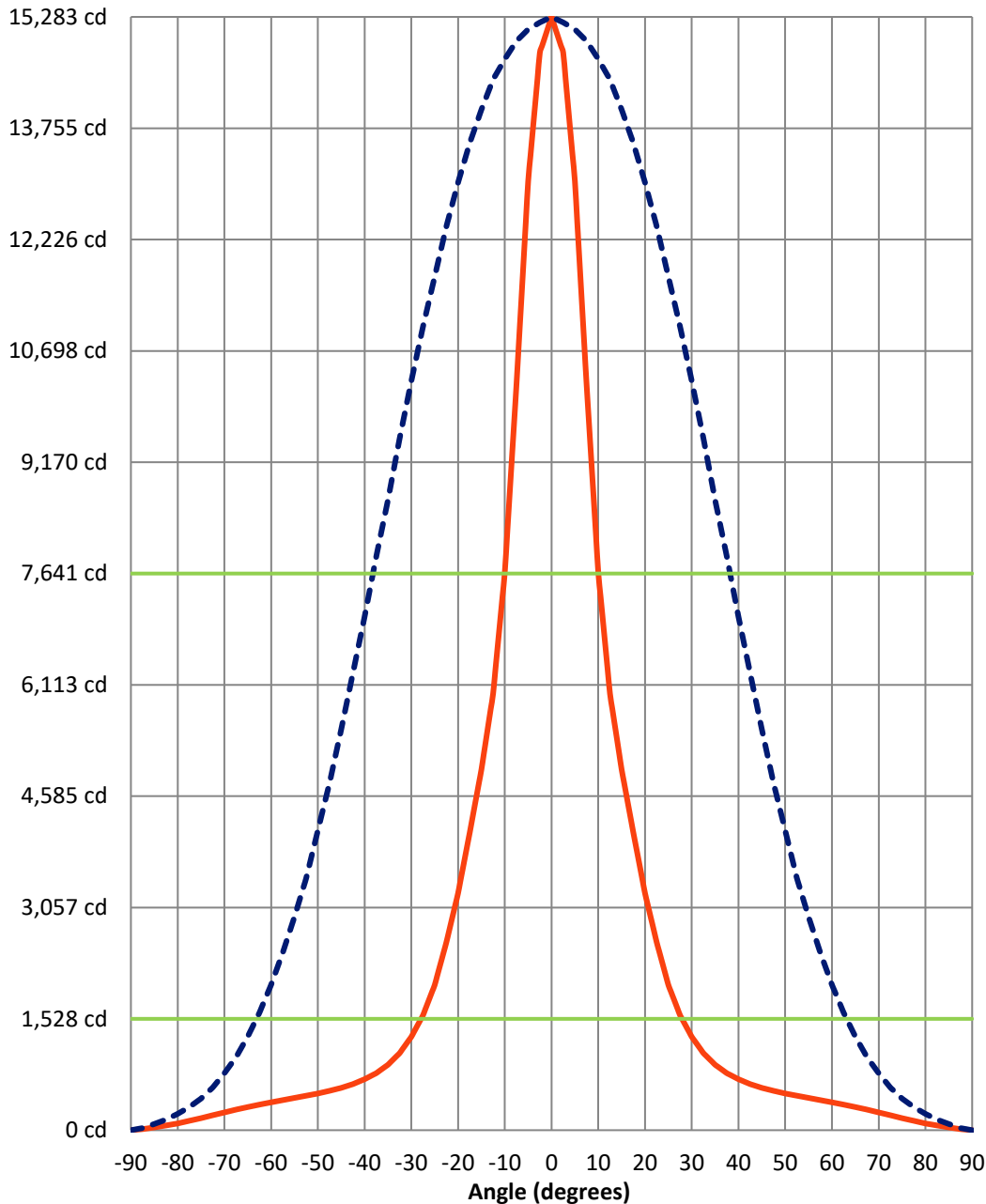
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 76.4°
V Angle: 20°
Lumens: 4379.2
Efficiency: 40.0%

Field:
H Angle: 126.3°
V Angle: 55.8°
Lumens: 8970.8
Efficiency: 82.0%

Spill:
Lumens: 1974.5
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	1.3	2.5	3.6	4.6	5.4	6.1	6.9	7.7	8.4	9.0
85°	0.0	2.5	5.1	7.3	9.2	10.8	12.2	13.8	15.4	16.7	18.0
82.5°	0.0	3.8	7.6	10.9	13.7	16.2	18.3	20.7	23.5	28.0	32.1
80°	0.0	5.1	10.1	14.5	18.3	21.6	25.1	31.9	38.2	43.9	49.1
77.5°	0.0	6.3	12.6	18.1	22.9	28.7	36.9	45.2	52.8	59.8	66.5
75°	0.0	7.6	15.1	21.6	28.1	38.9	48.7	58.4	67.6	77.0	85.0
72.5°	0.0	8.8	17.5	25.2	36.4	49.0	60.4	72.1	84.2	94.8	103.7
70°	0.0	10.0	20.0	29.3	44.7	59.0	72.3	87.2	100.8	112.6	124.1
67.5°	0.0	11.2	22.3	35.6	52.9	68.9	85.9	102.4	117.4	132.8	145.2
65°	0.0	12.3	24.7	41.8	61.0	79.8	99.5	117.5	136.6	153.2	167.8
62.5°	0.0	13.5	26.9	48.0	69.0	91.4	113.1	134.4	155.9	174.6	193.6
60°	0.0	14.6	29.2	54.0	77.0	103.0	126.5	152.0	175.2	198.8	219.6
57.5°	0.0	15.7	33.1	60.0	86.3	114.4	141.7	169.7	196.9	223.1	247.7
55°	0.0	16.7	37.0	65.8	95.5	125.7	157.0	187.2	219.1	248.3	277.4
52.5°	0.0	17.8	40.8	71.5	104.6	137.2	172.1	206.9	241.2	276.8	307.8
50°	0.0	18.8	44.4	77.1	113.5	149.7	187.0	227.0	264.6	305.9	344.0
47.5°	0.0	19.7	48.0	82.7	122.2	161.9	202.1	247.1	291.3	335.3	382.1
45°	0.0	20.6	51.4	89.2	130.7	173.9	219.5	267.3	318.6	371.3	421.6
42.5°	0.0	21.5	54.7	95.4	139.0	185.6	236.8	289.6	345.9	408.1	466.5
40°	0.0	22.4	57.8	101.2	147.6	196.9	253.9	313.3	375.1	445.7	513.8
37.5°	0.0	23.2	60.8	106.5	156.3	207.9	270.8	336.7	408.3	485.0	562.6
35°	0.0	23.9	63.7	111.6	164.7	220.4	287.5	359.7	441.2	528.6	615.5
32.5°	0.0	24.6	66.4	116.3	172.7	233.5	304.5	382.3	474.0	572.7	673.7
30°	0.0	25.3	69.0	120.7	180.3	246.1	322.7	405.6	506.4	617.2	733.3
27.5°	0.0	25.9	71.3	124.7	186.7	258.3	340.4	432.0	540.2	661.9	793.8
25°	0.0	26.5	73.5	128.3	192.5	270.0	357.3	457.6	576.8	710.6	855.4
22.5°	0.0	27.0	75.6	131.6	198.0	280.4	373.5	482.3	612.6	760.9	922.6
20°	0.0	27.4	77.4	134.5	202.9	288.4	388.9	506.0	647.6	810.5	989.3
17.5°	0.0	27.8	79.1	137.0	207.5	295.4	400.5	528.6	681.3	859.0	1054.9
15°	0.0	28.2	80.6	139.2	211.5	301.4	409.1	546.3	713.7	905.9	1118.8
12.5°	0.0	28.5	81.9	141.0	215.0	306.4	416.5	557.9	736.8	950.9	1180.5
10°	0.0	28.8	82.9	142.5	218.0	310.5	422.7	567.4	751.6	972.2	1228.6
7.5°	0.0	29.0	83.8	143.6	220.4	313.6	427.5	575.0	763.6	986.1	1250.4
5°	0.0	29.1	84.5	144.3	222.3	315.8	431.0	580.5	772.6	995.8	1267.3
2.5°	0.0	29.2	84.9	144.7	223.6	317.1	433.2	584.0	778.6	1001.3	1279.0
0°	0.0	29.2	85.2	144.7	224.3	317.4	434.0	585.4	781.6	1002.6	1285.2
-2.5°	0.0	29.2	84.9	144.7	223.6	317.1	433.2	584.0	778.6	1001.3	1279.0
-5°	0.0	29.1	84.5	144.3	222.3	315.8	431.0	580.5	772.6	995.8	1267.3
-7.5°	0.0	29.0	83.8	143.6	220.4	313.6	427.5	575.0	763.6	986.1	1250.4
-10°	0.0	28.8	82.9	142.5	218.0	310.5	422.7	567.4	751.6	972.2	1228.6
-12.5°	0.0	28.5	81.9	141.0	215.0	306.4	416.5	557.9	736.8	950.9	1180.5
-15°	0.0	28.2	80.6	139.2	211.5	301.4	409.1	546.3	713.7	905.9	1118.8
-17.5°	0.0	27.8	79.1	137.0	207.5	295.4	400.5	528.6	681.3	859.0	1054.9
-20°	0.0	27.4	77.4	134.5	202.9	288.4	388.9	506.0	647.6	810.5	989.3



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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	27.0	75.6	131.6	198.0	280.4	373.5	482.3	612.6	760.9	922.6
-25°	0.0	26.5	73.5	128.3	192.5	270.0	357.3	457.6	576.8	710.6	855.4
-27.5°	0.0	25.9	71.3	124.7	186.7	258.3	340.4	432.0	540.2	661.9	793.8
-30°	0.0	25.3	69.0	120.7	180.3	246.1	322.7	405.6	506.4	617.2	733.3
-32.5°	0.0	24.6	66.4	116.3	172.7	233.5	304.5	382.3	474.0	572.7	673.7
-35°	0.0	23.9	63.7	111.6	164.7	220.4	287.5	359.7	441.2	528.6	615.5
-37.5°	0.0	23.2	60.8	106.5	156.3	207.9	270.8	336.7	408.3	485.0	562.6
-40°	0.0	22.4	57.8	101.2	147.6	196.9	253.9	313.3	375.1	445.7	513.8
-42.5°	0.0	21.5	54.7	95.4	139.0	185.6	236.8	289.6	345.9	408.1	466.5
-45°	0.0	20.6	51.4	89.2	130.7	173.9	219.5	267.3	318.6	371.3	421.6
-47.5°	0.0	19.7	48.0	82.7	122.2	161.9	202.1	247.1	291.3	335.3	382.1
-50°	0.0	18.8	44.4	77.1	113.5	149.7	187.0	227.0	264.6	305.9	344.0
-52.5°	0.0	17.8	40.8	71.5	104.6	137.2	172.1	206.9	241.2	276.8	307.8
-55°	0.0	16.7	37.0	65.8	95.5	125.7	157.0	187.2	219.1	248.3	277.4
-57.5°	0.0	15.7	33.1	60.0	86.3	114.4	141.7	169.7	196.9	223.1	247.7
-60°	0.0	14.6	29.2	54.0	77.0	103.0	126.5	152.0	175.2	198.8	219.6
-62.5°	0.0	13.5	26.9	48.0	69.0	91.4	113.1	134.4	155.9	174.6	193.6
-65°	0.0	12.3	24.7	41.8	61.0	79.8	99.5	117.5	136.6	153.2	167.8
-67.5°	0.0	11.2	22.3	35.6	52.9	68.9	85.9	102.4	117.4	132.8	145.2
-70°	0.0	10.0	20.0	29.3	44.7	59.0	72.3	87.2	100.8	112.6	124.1
-72.5°	0.0	8.8	17.5	25.2	36.4	49.0	60.4	72.1	84.2	94.8	103.7
-75°	0.0	7.6	15.1	21.6	28.1	38.9	48.7	58.4	67.6	77.0	85.0
-77.5°	0.0	6.3	12.6	18.1	22.9	28.7	36.9	45.2	52.8	59.8	66.5
-80°	0.0	5.1	10.1	14.5	18.3	21.6	25.1	31.9	38.2	43.9	49.1
-82.5°	0.0	3.8	7.6	10.9	13.7	16.2	18.3	20.7	23.5	28.0	32.1
-85°	0.0	2.5	5.1	7.3	9.2	10.8	12.2	13.8	15.4	16.7	18.0
-87.5°	0.0	1.3	2.5	3.6	4.6	5.4	6.1	6.9	7.7	8.4	9.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.7	10.4	11.0	11.6	12.1	12.6	13.1	13.5	14.1	14.6	15.2
85°	19.4	20.7	23.0	24.8	26.5	28.0	29.2	30.3	31.3	32.2	32.9
82.5°	35.7	38.7	41.1	42.9	45.0	46.7	48.3	49.6	51.0	52.3	53.4
80°	53.4	56.8	60.3	63.3	66.3	68.5	69.9	70.5	72.3	74.6	76.9
77.5°	72.3	77.5	82.0	85.9	89.1	91.9	93.9	95.1	98.0	101.3	104.1
75°	92.0	98.3	104.6	110.1	114.5	117.7	120.0	121.9	125.3	129.6	133.3
72.5°	112.5	120.9	128.4	134.9	140.7	145.2	148.5	150.7	154.1	159.1	163.2
70°	134.1	143.8	153.9	162.1	168.3	173.6	178.0	181.0	184.1	189.2	193.0
67.5°	156.4	170.2	181.4	190.2	197.1	203.6	208.6	211.8	213.1	218.2	222.5
65°	182.7	197.5	210.0	219.8	226.8	234.8	240.3	243.0	243.8	249.4	254.7
62.5°	209.6	225.9	239.6	250.9	259.9	267.5	273.6	277.1	277.7	281.8	287.9
60°	238.2	255.0	271.2	284.8	294.4	302.2	308.9	312.6	313.3	315.0	322.0
57.5°	268.0	286.1	305.1	320.3	331.6	338.0	345.4	349.4	351.1	350.0	357.2
55°	300.5	319.3	340.7	358.4	370.5	376.3	383.2	389.0	391.0	389.7	393.9
52.5°	337.2	356.0	378.8	398.3	411.7	418.8	423.6	430.6	433.8	432.4	431.5
50°	375.9	399.4	418.3	440.6	456.8	466.1	466.2	475.0	479.1	477.8	472.0
47.5°	419.6	446.1	460.4	486.0	507.1	518.0	518.8	522.2	527.4	528.8	523.9
45°	466.8	499.2	514.6	537.5	561.1	574.4	578.5	572.2	581.5	584.4	581.3
42.5°	516.6	558.0	582.2	591.5	619.0	637.5	644.7	640.3	639.8	646.3	646.2
40°	574.1	621.6	658.0	667.6	681.5	707.1	722.3	721.4	704.4	716.6	719.7
37.5°	635.6	697.3	742.3	762.3	751.7	785.9	808.1	817.0	806.5	794.6	808.2
35°	700.2	778.2	838.9	873.0	874.5	873.7	908.5	927.1	928.4	906.6	911.6
32.5°	772.6	864.2	944.5	999.7	1024.7	1009.3	1018.3	1057.5	1076.6	1068.4	1037.0
30°	850.3	962.7	1061.2	1139.0	1195.0	1211.6	1174.2	1204.7	1247.2	1264.2	1250.6
27.5°	928.9	1067.2	1192.1	1300.0	1386.8	1441.8	1443.1	1395.9	1444.1	1485.0	1500.8
25°	1008.8	1171.7	1331.0	1477.2	1608.5	1703.1	1746.5	1751.6	1684.2	1745.5	1802.6
22.5°	1093.9	1279.4	1468.3	1665.9	1848.9	1987.7	2093.1	2156.7	2154.6	2090.3	2140.5
20°	1184.0	1396.5	1616.5	1850.9	2100.5	2291.2	2467.9	2603.1	2684.5	2711.5	2658.9
17.5°	1273.8	1514.7	1772.0	2051.3	2340.0	2604.4	2869.3	3085.0	3255.9	3396.2	3446.4
15°	1362.6	1632.6	1928.2	2253.0	2586.6	2917.7	3258.2	3588.6	3879.4	4136.0	4288.3
12.5°	1449.3	1748.8	2083.1	2453.8	2836.7	3235.2	3641.6	4044.0	4462.9	4878.7	5194.7
10°	1533.0	1862.1	2234.9	2651.1	3086.6	3552.6	4024.2	4501.8	5010.7	5501.1	5973.2
7.5°	1568.7	1936.1	2365.6	2842.2	3332.2	3865.2	4401.1	4955.5	5550.1	6122.3	6698.8
5°	1590.8	1965.4	2402.3	2898.9	3444.0	4069.1	4708.6	5395.3	6073.8	6732.6	7412.0
2.5°	1605.4	1985.5	2426.9	2921.3	3460.6	4102.6	4750.1	5463.2	6224.5	6986.2	7795.0
0°	1612.6	1996.1	2439.1	2928.1	3458.5	4113.4	4766.1	5501.7	6273.3	7048.2	7875.8
-2.5°	1605.4	1985.5	2426.9	2921.3	3460.6	4102.6	4750.1	5463.2	6224.5	6986.2	7795.0
-5°	1590.8	1965.4	2402.3	2898.9	3444.0	4069.1	4708.6	5395.3	6073.8	6732.6	7412.0
-7.5°	1568.7	1936.1	2365.6	2842.2	3332.2	3865.2	4401.1	4955.5	5550.1	6122.3	6698.8
-10°	1533.0	1862.1	2234.9	2651.1	3086.6	3552.6	4024.2	4501.8	5010.7	5501.1	5973.2
-12.5°	1449.3	1748.8	2083.1	2453.8	2836.7	3235.2	3641.6	4044.0	4462.9	4878.7	5194.7
-15°	1362.6	1632.6	1928.2	2253.0	2586.6	2917.7	3258.2	3588.6	3879.4	4136.0	4288.3
-17.5°	1273.8	1514.7	1772.0	2051.3	2340.0	2604.4	2869.3	3085.0	3255.9	3396.2	3446.4
-20°	1184.0	1396.5	1616.5	1850.9	2100.5	2291.2	2467.9	2603.1	2684.5	2711.5	2658.9



REPORT NUMBER: P558790 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-930-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°	1093.9	1279.4	1468.3	1665.9	1848.9	1987.7	2093.1	2156.7	2154.6	2090.3	2140.5
-25°	1008.8	1171.7	1331.0	1477.2	1608.5	1703.1	1746.5	1751.6	1684.2	1745.5	1802.6
-27.5°	928.9	1067.2	1192.1	1300.0	1386.8	1441.8	1443.1	1395.9	1444.1	1485.0	1500.8
-30°	850.3	962.7	1061.2	1139.0	1195.0	1211.6	1174.2	1204.7	1247.2	1264.2	1250.6
-32.5°	772.6	864.2	944.5	999.7	1024.7	1009.3	1018.3	1057.5	1076.6	1068.4	1037.0
-35°	700.2	778.2	838.9	873.0	874.5	873.7	908.5	927.1	928.4	906.6	911.6
-37.5°	635.6	697.3	742.3	762.3	751.7	785.9	808.1	817.0	806.5	794.6	808.2
-40°	574.1	621.6	658.0	667.6	681.5	707.1	722.3	721.4	704.4	716.6	719.7
-42.5°	516.6	558.0	582.2	591.5	619.0	637.5	644.7	640.3	639.8	646.3	646.2
-45°	466.8	499.2	514.6	537.5	561.1	574.4	578.5	572.2	581.5	584.4	581.3
-47.5°	419.6	446.1	460.4	486.0	507.1	518.0	518.8	522.2	527.4	528.8	523.9
-50°	375.9	399.4	418.3	440.6	456.8	466.1	466.2	475.0	479.1	477.8	472.0
-52.5°	337.2	356.0	378.8	398.3	411.7	418.8	423.6	430.6	433.8	432.4	431.5
-55°	300.5	319.3	340.7	358.4	370.5	376.3	383.2	389.0	391.0	389.7	393.9
-57.5°	268.0	286.1	305.1	320.3	331.6	338.0	345.4	349.4	351.1	350.0	357.2
-60°	238.2	255.0	271.2	284.8	294.4	302.2	308.9	312.6	313.3	315.0	322.0
-62.5°	209.6	225.9	239.6	250.9	259.9	267.5	273.6	277.1	277.7	281.8	287.9
-65°	182.7	197.5	210.0	219.8	226.8	234.8	240.3	243.0	243.8	249.4	254.7
-67.5°	156.4	170.2	181.4	190.2	197.1	203.6	208.6	211.8	213.1	218.2	222.5
-70°	134.1	143.8	153.9	162.1	168.3	173.6	178.0	181.0	184.1	189.2	193.0
-72.5°	112.5	120.9	128.4	134.9	140.7	145.2	148.5	150.7	154.1	159.1	163.2
-75°	92.0	98.3	104.6	110.1	114.5	117.7	120.0	121.9	125.3	129.6	133.3
-77.5°	72.3	77.5	82.0	85.9	89.1	91.9	93.9	95.1	98.0	101.3	104.1
-80°	53.4	56.8	60.3	63.3	66.3	68.5	69.9	70.5	72.3	74.6	76.9
-82.5°	35.7	38.7	41.1	42.9	45.0	46.7	48.3	49.6	51.0	52.3	53.4
-85°	19.4	20.7	23.0	24.8	26.5	28.0	29.2	30.3	31.3	32.2	32.9
-87.5°	9.7	10.4	11.0	11.6	12.1	12.6	13.1	13.5	14.1	14.6	15.2
-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: P558790 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-930-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°	15.6	15.4	15.1	14.7	14.2	14.3	14.2	14.2	14.1	14.0	13.8
85°	33.4	34.0	34.6	35.2	35.8	36.4	36.9	37.3	37.6	37.6	37.4
82.5°	54.4	56.2	58.0	59.7	61.3	62.2	62.8	63.2	63.5	64.0	64.4
80°	78.9	81.6	84.0	86.1	87.8	89.0	90.0	90.8	91.4	92.0	92.5
77.5°	106.8	109.8	112.6	115.1	117.2	119.2	121.0	122.3	123.3	124.9	126.3
75°	136.4	139.8	143.3	146.4	149.2	152.1	155.0	157.7	160.1	162.1	163.6
72.5°	166.3	169.8	174.1	178.1	181.9	185.9	189.8	193.2	196.2	199.0	201.5
70°	195.8	199.1	204.7	210.1	215.1	219.9	224.6	228.8	232.6	236.2	239.5
67.5°	226.3	229.8	236.7	243.0	248.6	253.8	259.3	264.2	268.5	272.3	275.6
65°	258.9	261.9	269.5	276.3	282.2	287.1	293.0	298.3	303.1	307.3	310.9
62.5°	292.6	295.7	301.8	308.6	314.1	318.9	325.8	331.9	337.0	341.2	344.8
60°	326.7	329.4	334.2	341.6	347.8	353.0	359.1	365.0	370.0	374.2	377.9
57.5°	362.2	364.9	367.2	374.6	380.7	385.4	390.7	396.5	401.3	405.3	409.2
55°	398.9	401.0	400.3	407.1	412.8	416.6	420.6	426.7	431.4	435.0	438.5
52.5°	436.4	438.8	437.1	440.0	446.2	449.7	451.4	458.0	462.9	466.0	469.3
50°	478.1	480.1	478.6	476.9	482.9	486.5	487.5	492.8	497.2	499.7	501.9
47.5°	523.4	525.8	524.6	518.0	523.4	527.9	528.1	530.3	534.9	536.7	538.1
45°	572.6	577.3	576.3	571.7	571.0	575.6	575.2	573.3	578.6	581.0	581.8
42.5°	637.2	635.7	637.1	634.5	626.4	631.6	632.2	625.6	632.3	635.2	633.5
40°	716.3	701.8	709.8	708.6	701.0	699.9	704.0	698.5	699.5	703.7	700.5
37.5°	810.3	800.0	795.7	799.3	797.0	787.3	795.1	793.1	787.0	793.9	790.9
35°	926.1	923.0	899.8	913.9	916.9	907.6	910.3	914.3	901.0	911.4	910.4
32.5°	1061.5	1068.4	1063.4	1054.7	1067.8	1069.5	1054.2	1072.6	1065.2	1067.8	1075.1
30°	1214.8	1250.0	1267.1	1251.8	1260.0	1276.4	1268.9	1281.7	1287.8	1278.2	1296.3
27.5°	1482.7	1470.2	1511.2	1529.1	1509.9	1539.8	1561.5	1551.9	1583.6	1564.9	1591.7
25°	1823.1	1804.8	1815.7	1874.7	1887.8	1872.7	1933.8	1941.0	1966.2	1969.3	1988.0
22.5°	2223.1	2267.3	2262.2	2280.1	2354.2	2379.0	2401.6	2460.4	2447.0	2500.3	2509.6
20°	2670.2	2781.5	2858.1	2874.2	2905.9	2991.1	3030.2	3076.6	3107.7	3158.2	3200.9
17.5°	3426.7	3369.7	3520.0	3614.4	3664.1	3681.8	3784.5	3818.0	3895.1	3939.2	3982.9
15°	4398.0	4431.2	4363.3	4453.4	4605.4	4656.8	4597.8	4735.6	4774.4	4848.6	4861.7
12.5°	5436.1	5604.2	5686.6	5709.0	5629.5	5845.8	5932.5	5823.7	5947.1	5924.9	6026.4
10°	6426.7	6835.0	7079.5	7251.4	7356.0	7418.9	7481.5	7593.9	7595.9	7679.2	7630.6
7.5°	7240.0	7757.7	8252.3	8732.1	9115.9	9331.0	9499.9	9661.9	9878.2	9981.7	10049.0
5°	8035.7	8633.0	9224.8	9806.3	10333.0	10839.6	11336.3	11767.0	11995.3	12262.1	12499.9
2.5°	8550.3	9305.8	10061.6	10810.1	11418.7	11977.1	12494.0	12974.0	13395.1	13784.7	14113.6
0°	8650.7	9496.3	10284.6	11031.5	11716.7	12406.4	13008.6	13551.4	14010.0	14423.9	14703.1
-2.5°	8550.3	9305.8	10061.6	10810.1	11418.7	11977.1	12494.0	12974.0	13395.1	13784.7	14113.6
-5°	8035.7	8633.0	9224.8	9806.3	10333.0	10839.6	11336.3	11767.0	11995.3	12262.1	12499.9
-7.5°	7240.0	7757.7	8252.3	8732.1	9115.9	9331.0	9499.9	9661.9	9878.2	9981.7	10049.0
-10°	6426.7	6835.0	7079.5	7251.4	7356.0	7418.9	7481.5	7593.9	7595.9	7679.2	7630.6
-12.5°	5436.1	5604.2	5686.6	5709.0	5629.5	5845.8	5932.5	5823.7	5947.1	5924.9	6026.4
-15°	4398.0	4431.2	4363.3	4453.4	4605.4	4656.8	4597.8	4735.6	4774.4	4848.6	4861.7
-17.5°	3426.7	3369.7	3520.0	3614.4	3664.1	3681.8	3784.5	3818.0	3895.1	3939.2	3982.9
-20°	2670.2	2781.5	2858.1	2874.2	2905.9	2991.1	3030.2	3076.6	3107.7	3158.2	3200.9



REPORT NUMBER: P558790 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-930-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2223.1	2267.3	2262.2	2280.1	2354.2	2379.0	2401.6	2460.4	2447.0	2500.3	2509.6
-25°	1823.1	1804.8	1815.7	1874.7	1887.8	1872.7	1933.8	1941.0	1966.2	1969.3	1988.0
-27.5°	1482.7	1470.2	1511.2	1529.1	1509.9	1539.8	1561.5	1551.9	1583.6	1564.9	1591.7
-30°	1214.8	1250.0	1267.1	1251.8	1260.0	1276.4	1268.9	1281.7	1287.8	1278.2	1296.3
-32.5°	1061.5	1068.4	1063.4	1054.7	1067.8	1069.5	1054.2	1072.6	1065.2	1067.8	1075.1
-35°	926.1	923.0	899.8	913.9	916.9	907.6	910.3	914.3	901.0	911.4	910.4
-37.5°	810.3	800.0	795.7	799.3	797.0	787.3	795.1	793.1	787.0	793.9	790.9
-40°	716.3	701.8	709.8	708.6	701.0	699.9	704.0	698.5	699.5	703.7	700.5
-42.5°	637.2	635.7	637.1	634.5	626.4	631.6	632.2	625.6	632.3	635.2	633.5
-45°	572.6	577.3	576.3	571.7	571.0	575.6	575.2	573.3	578.6	581.0	581.8
-47.5°	523.4	525.8	524.6	518.0	523.4	527.9	528.1	530.3	534.9	536.7	538.1
-50°	478.1	480.1	478.6	476.9	482.9	486.5	487.5	492.8	497.2	499.7	501.9
-52.5°	436.4	438.8	437.1	440.0	446.2	449.7	451.4	458.0	462.9	466.0	469.3
-55°	398.9	401.0	400.3	407.1	412.8	416.6	420.6	426.7	431.4	435.0	438.5
-57.5°	362.2	364.9	367.2	374.6	380.7	385.4	390.7	396.5	401.3	405.3	409.2
-60°	326.7	329.4	334.2	341.6	347.8	353.0	359.1	365.0	370.0	374.2	377.9
-62.5°	292.6	295.7	301.8	308.6	314.1	318.9	325.8	331.9	337.0	341.2	344.8
-65°	258.9	261.9	269.5	276.3	282.2	287.1	293.0	298.3	303.1	307.3	310.9
-67.5°	226.3	229.8	236.7	243.0	248.6	253.8	259.3	264.2	268.5	272.3	275.6
-70°	195.8	199.1	204.7	210.1	215.1	219.9	224.6	228.8	232.6	236.2	239.5
-72.5°	166.3	169.8	174.1	178.1	181.9	185.9	189.8	193.2	196.2	199.0	201.5
-75°	136.4	139.8	143.3	146.4	149.2	152.1	155.0	157.7	160.1	162.1	163.6
-77.5°	106.8	109.8	112.6	115.1	117.2	119.2	121.0	122.3	123.3	124.9	126.3
-80°	78.9	81.6	84.0	86.1	87.8	89.0	90.0	90.8	91.4	92.0	92.5
-82.5°	54.4	56.2	58.0	59.7	61.3	62.2	62.8	63.2	63.5	64.0	64.4
-85°	33.4	34.0	34.6	35.2	35.8	36.4	36.9	37.3	37.6	37.6	37.4
-87.5°	15.6	15.4	15.1	14.7	14.2	14.3	14.2	14.2	14.1	14.0	13.8
-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: P558790 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-930-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°	13.7	13.4	14.0	14.6	14.0	13.4	13.7	13.8	14.0	14.1	14.2
85°	37.2	36.8	37.5	38.1	37.5	36.8	37.2	37.4	37.6	37.6	37.3
82.5°	64.6	64.7	64.9	65.0	64.9	64.7	64.6	64.4	64.0	63.5	63.2
80°	92.7	92.7	92.5	92.0	92.5	92.7	92.7	92.5	92.0	91.4	90.8
77.5°	127.5	128.3	128.8	129.0	128.8	128.3	127.5	126.3	124.9	123.3	122.3
75°	164.6	165.2	165.3	164.9	165.3	165.2	164.6	163.6	162.1	160.1	157.7
72.5°	203.6	205.2	205.5	205.2	205.5	205.2	203.6	201.5	199.0	196.2	193.2
70°	242.2	244.3	244.3	243.4	244.3	244.3	242.2	239.5	236.2	232.6	228.8
67.5°	278.2	280.2	281.7	282.6	281.7	280.2	278.2	275.6	272.3	268.5	264.2
65°	313.7	315.9	317.0	317.4	317.0	315.9	313.7	310.9	307.3	303.1	298.3
62.5°	347.5	349.5	350.6	351.0	350.6	349.5	347.5	344.8	341.2	337.0	331.9
60°	380.9	383.0	383.3	382.4	383.3	383.0	380.9	377.9	374.2	370.0	365.0
57.5°	412.2	414.4	414.3	412.7	414.3	414.4	412.2	409.2	405.3	401.3	396.5
55°	441.0	442.6	443.2	443.0	443.2	442.6	441.0	438.5	435.0	431.4	426.7
52.5°	471.7	472.9	473.4	473.2	473.4	472.9	471.7	469.3	466.0	462.9	458.0
50°	503.6	503.7	503.7	503.5	503.7	503.7	503.6	501.9	499.7	497.2	492.8
47.5°	540.1	540.5	540.6	540.5	540.6	540.5	540.1	538.1	536.7	534.9	530.3
45°	583.2	582.0	580.8	580.9	580.8	582.0	583.2	581.8	581.0	578.6	573.3
42.5°	635.0	633.7	632.1	632.5	632.1	633.7	635.0	633.5	635.2	632.3	625.6
40°	703.2	702.9	700.6	699.8	700.6	702.9	703.2	700.5	703.7	699.5	698.5
37.5°	791.4	790.1	785.0	782.8	785.0	790.1	791.4	790.9	793.9	787.0	793.1
35°	907.2	905.5	897.6	898.3	897.6	905.5	907.2	910.4	911.4	901.0	914.3
32.5°	1071.5	1072.1	1060.2	1057.5	1060.2	1072.1	1071.5	1075.1	1067.8	1065.2	1072.6
30°	1285.1	1289.7	1275.8	1281.8	1275.8	1289.7	1285.1	1296.3	1278.2	1287.8	1281.7
27.5°	1591.2	1600.1	1587.8	1577.9	1587.8	1600.1	1591.2	1591.7	1564.9	1583.6	1551.9
25°	2012.5	2019.2	2005.1	1992.8	2005.1	2019.2	2012.5	1988.0	1969.3	1966.2	1941.0
22.5°	2561.0	2560.5	2559.9	2579.3	2559.9	2560.5	2561.0	2509.6	2500.3	2447.0	2460.4
20°	3228.4	3212.2	3236.4	3252.2	3236.4	3212.2	3228.4	3200.9	3158.2	3107.7	3076.6
17.5°	3993.0	4023.3	4046.6	4085.4	4046.6	4023.3	3993.0	3982.9	3939.2	3895.1	3818.0
15°	4894.6	4940.4	4963.6	4951.1	4963.6	4940.4	4894.6	4861.7	4848.6	4774.4	4735.6
12.5°	6030.0	6084.6	6044.3	5994.1	6044.3	6084.6	6030.0	6026.4	5924.9	5947.1	5823.7
10°	7631.3	7748.8	7755.3	7657.1	7755.3	7748.8	7631.3	7630.6	7679.2	7595.9	7593.9
7.5°	10088.1	10145.2	10232.0	10236.4	10232.0	10145.2	10088.1	10049.0	9981.7	9878.2	9661.9
5°	12607.7	12759.9	12858.0	13027.7	12858.0	12759.9	12607.7	12499.9	12262.1	11995.3	11767.0
2.5°	14326.1	14522.8	14598.4	14790.6	14598.4	14522.8	14326.1	14113.6	13784.7	13395.1	12974.0
0°	14952.0	15111.3	15206.6	15282.9	15206.6	15111.3	14952.0	14703.1	14423.9	14010.0	13551.4
-2.5°	14326.1	14522.8	14598.4	14790.6	14598.4	14522.8	14326.1	14113.6	13784.7	13395.1	12974.0
-5°	12607.7	12759.9	12858.0	13027.7	12858.0	12759.9	12607.7	12499.9	12262.1	11995.3	11767.0
-7.5°	10088.1	10145.2	10232.0	10236.4	10232.0	10145.2	10088.1	10049.0	9981.7	9878.2	9661.9
-10°	7631.3	7748.8	7755.3	7657.1	7755.3	7748.8	7631.3	7630.6	7679.2	7595.9	7593.9
-12.5°	6030.0	6084.6	6044.3	5994.1	6044.3	6084.6	6030.0	6026.4	5924.9	5947.1	5823.7
-15°	4894.6	4940.4	4963.6	4951.1	4963.6	4940.4	4894.6	4861.7	4848.6	4774.4	4735.6
-17.5°	3993.0	4023.3	4046.6	4085.4	4046.6	4023.3	3993.0	3982.9	3939.2	3895.1	3818.0
-20°	3228.4	3212.2	3236.4	3252.2	3236.4	3212.2	3228.4	3200.9	3158.2	3107.7	3076.6



REPORT NUMBER: P558790 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-930-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2561.0	2560.5	2559.9	2579.3	2559.9	2560.5	2561.0	2509.6	2500.3	2447.0	2460.4
-25°	2012.5	2019.2	2005.1	1992.8	2005.1	2019.2	2012.5	1988.0	1969.3	1966.2	1941.0
-27.5°	1591.2	1600.1	1587.8	1577.9	1587.8	1600.1	1591.2	1591.7	1564.9	1583.6	1551.9
-30°	1285.1	1289.7	1275.8	1281.8	1275.8	1289.7	1285.1	1296.3	1278.2	1287.8	1281.7
-32.5°	1071.5	1072.1	1060.2	1057.5	1060.2	1072.1	1071.5	1075.1	1067.8	1065.2	1072.6
-35°	907.2	905.5	897.6	898.3	897.6	905.5	907.2	910.4	911.4	901.0	914.3
-37.5°	791.4	790.1	785.0	782.8	785.0	790.1	791.4	790.9	793.9	787.0	793.1
-40°	703.2	702.9	700.6	699.8	700.6	702.9	703.2	700.5	703.7	699.5	698.5
-42.5°	635.0	633.7	632.1	632.5	632.1	633.7	635.0	633.5	635.2	632.3	625.6
-45°	583.2	582.0	580.8	580.9	580.8	582.0	583.2	581.8	581.0	578.6	573.3
-47.5°	540.1	540.5	540.6	540.5	540.6	540.5	540.1	538.1	536.7	534.9	530.3
-50°	503.6	503.7	503.7	503.5	503.7	503.7	503.6	501.9	499.7	497.2	492.8
-52.5°	471.7	472.9	473.4	473.2	473.4	472.9	471.7	469.3	466.0	462.9	458.0
-55°	441.0	442.6	443.2	443.0	443.2	442.6	441.0	438.5	435.0	431.4	426.7
-57.5°	412.2	414.4	414.3	412.7	414.3	414.4	412.2	409.2	405.3	401.3	396.5
-60°	380.9	383.0	383.3	382.4	383.3	383.0	380.9	377.9	374.2	370.0	365.0
-62.5°	347.5	349.5	350.6	351.0	350.6	349.5	347.5	344.8	341.2	337.0	331.9
-65°	313.7	315.9	317.0	317.4	317.0	315.9	313.7	310.9	307.3	303.1	298.3
-67.5°	278.2	280.2	281.7	282.6	281.7	280.2	278.2	275.6	272.3	268.5	264.2
-70°	242.2	244.3	244.3	243.4	244.3	244.3	242.2	239.5	236.2	232.6	228.8
-72.5°	203.6	205.2	205.5	205.2	205.5	205.2	203.6	201.5	199.0	196.2	193.2
-75°	164.6	165.2	165.3	164.9	165.3	165.2	164.6	163.6	162.1	160.1	157.7
-77.5°	127.5	128.3	128.8	129.0	128.8	128.3	127.5	126.3	124.9	123.3	122.3
-80°	92.7	92.7	92.5	92.0	92.5	92.7	92.7	92.5	92.0	91.4	90.8
-82.5°	64.6	64.7	64.9	65.0	64.9	64.7	64.6	64.4	64.0	63.5	63.2
-85°	37.2	36.8	37.5	38.1	37.5	36.8	37.2	37.4	37.6	37.6	37.3
-87.5°	13.7	13.4	14.0	14.6	14.0	13.4	13.7	13.8	14.0	14.1	14.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558790 (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°	14.2	14.3	14.2	14.7	15.1	15.4	15.6	15.2	14.6	14.1	13.5
85°	36.9	36.4	35.8	35.2	34.6	34.0	33.4	32.9	32.2	31.3	30.3
82.5°	62.8	62.2	61.3	59.7	58.0	56.2	54.4	53.4	52.3	51.0	49.6
80°	90.0	89.0	87.8	86.1	84.0	81.6	78.9	76.9	74.6	72.3	70.5
77.5°	121.0	119.2	117.2	115.1	112.6	109.8	106.8	104.1	101.3	98.0	95.1
75°	155.0	152.1	149.2	146.4	143.3	139.8	136.4	133.3	129.6	125.3	121.9
72.5°	189.8	185.9	181.9	178.1	174.1	169.8	166.3	163.2	159.1	154.1	150.7
70°	224.6	219.9	215.1	210.1	204.7	199.1	195.8	193.0	189.2	184.1	181.0
67.5°	259.3	253.8	248.6	243.0	236.7	229.8	226.3	222.5	218.2	213.1	211.8
65°	293.0	287.1	282.2	276.3	269.5	261.9	258.9	254.7	249.4	243.8	243.0
62.5°	325.8	318.9	314.1	308.6	301.8	295.7	292.6	287.9	281.8	277.7	277.1
60°	359.1	353.0	347.8	341.6	334.2	329.4	326.7	322.0	315.0	313.3	312.6
57.5°	390.7	385.4	380.7	374.6	367.2	364.9	362.2	357.2	350.0	351.1	349.4
55°	420.6	416.6	412.8	407.1	400.3	401.0	398.9	393.9	389.7	391.0	389.0
52.5°	451.4	449.7	446.2	440.0	437.1	438.8	436.4	431.5	432.4	433.8	430.6
50°	487.5	486.5	482.9	476.9	478.6	480.1	478.1	472.0	477.8	479.1	475.0
47.5°	528.1	527.9	523.4	518.0	524.6	525.8	523.4	523.9	528.8	527.4	522.2
45°	575.2	575.6	571.0	571.7	576.3	577.3	572.6	581.3	584.4	581.5	572.2
42.5°	632.2	631.6	626.4	634.5	637.1	635.7	637.2	646.2	646.3	639.8	640.3
40°	704.0	699.9	701.0	708.6	709.8	701.8	716.3	719.7	716.6	704.4	721.4
37.5°	795.1	787.3	797.0	799.3	795.7	800.0	810.3	808.2	794.6	806.5	817.0
35°	910.3	907.6	916.9	913.9	899.8	923.0	926.1	911.6	906.6	928.4	927.1
32.5°	1054.2	1069.5	1067.8	1054.7	1063.4	1068.4	1061.5	1037.0	1068.4	1076.6	1057.5
30°	1268.9	1276.4	1260.0	1251.8	1267.1	1250.0	1214.8	1250.6	1264.2	1247.2	1204.7
27.5°	1561.5	1539.8	1509.9	1529.1	1511.2	1470.2	1482.7	1500.8	1485.0	1444.1	1395.9
25°	1933.8	1872.7	1887.8	1874.7	1815.7	1804.8	1823.1	1802.6	1745.5	1684.2	1751.6
22.5°	2401.6	2379.0	2354.2	2280.1	2262.2	2267.3	2223.1	2140.5	2090.3	2154.6	2156.7
20°	3030.2	2991.1	2905.9	2874.2	2858.1	2781.5	2670.2	2658.9	2711.5	2684.5	2603.1
17.5°	3784.5	3681.8	3664.1	3614.4	3520.0	3369.7	3426.7	3446.4	3396.2	3255.9	3085.0
15°	4597.8	4656.8	4605.4	4453.4	4363.3	4431.2	4398.0	4288.3	4136.0	3879.4	3588.6
12.5°	5932.5	5845.8	5629.5	5709.0	5686.6	5604.2	5436.1	5194.7	4878.7	4462.9	4044.0
10°	7481.5	7418.9	7356.0	7251.4	7079.5	6835.0	6426.7	5973.2	5501.1	5010.7	4501.8
7.5°	9499.9	9331.0	9115.9	8732.1	8252.3	7757.7	7240.0	6698.8	6122.3	5550.1	4955.5
5°	11336.3	10839.6	10333.0	9806.3	9224.8	8633.0	8035.7	7412.0	6732.6	6073.8	5395.3
2.5°	12494.0	11977.1	11418.7	10810.1	10061.6	9305.8	8550.3	7795.0	6986.2	6224.5	5463.2
0°	13008.6	12406.4	11716.7	11031.5	10284.6	9496.3	8650.7	7875.8	7048.2	6273.3	5501.7
-2.5°	12494.0	11977.1	11418.7	10810.1	10061.6	9305.8	8550.3	7795.0	6986.2	6224.5	5463.2
-5°	11336.3	10839.6	10333.0	9806.3	9224.8	8633.0	8035.7	7412.0	6732.6	6073.8	5395.3
-7.5°	9499.9	9331.0	9115.9	8732.1	8252.3	7757.7	7240.0	6698.8	6122.3	5550.1	4955.5
-10°	7481.5	7418.9	7356.0	7251.4	7079.5	6835.0	6426.7	5973.2	5501.1	5010.7	4501.8
-12.5°	5932.5	5845.8	5629.5	5709.0	5686.6	5604.2	5436.1	5194.7	4878.7	4462.9	4044.0
-15°	4597.8	4656.8	4605.4	4453.4	4363.3	4431.2	4398.0	4288.3	4136.0	3879.4	3588.6
-17.5°	3784.5	3681.8	3664.1	3614.4	3520.0	3369.7	3426.7	3446.4	3396.2	3255.9	3085.0
-20°	3030.2	2991.1	2905.9	2874.2	2858.1	2781.5	2670.2	2658.9	2711.5	2684.5	2603.1



REPORT NUMBER: P558790 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-930-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2401.6	2379.0	2354.2	2280.1	2262.2	2267.3	2223.1	2140.5	2090.3	2154.6	2156.7
-25°	1933.8	1872.7	1887.8	1874.7	1815.7	1804.8	1823.1	1802.6	1745.5	1684.2	1751.6
-27.5°	1561.5	1539.8	1509.9	1529.1	1511.2	1470.2	1482.7	1500.8	1485.0	1444.1	1395.9
-30°	1268.9	1276.4	1260.0	1251.8	1267.1	1250.0	1214.8	1250.6	1264.2	1247.2	1204.7
-32.5°	1054.2	1069.5	1067.8	1054.7	1063.4	1068.4	1061.5	1037.0	1068.4	1076.6	1057.5
-35°	910.3	907.6	916.9	913.9	899.8	923.0	926.1	911.6	906.6	928.4	927.1
-37.5°	795.1	787.3	797.0	799.3	795.7	800.0	810.3	808.2	794.6	806.5	817.0
-40°	704.0	699.9	701.0	708.6	709.8	701.8	716.3	719.7	716.6	704.4	721.4
-42.5°	632.2	631.6	626.4	634.5	637.1	635.7	637.2	646.2	646.3	639.8	640.3
-45°	575.2	575.6	571.0	571.7	576.3	577.3	572.6	581.3	584.4	581.5	572.2
-47.5°	528.1	527.9	523.4	518.0	524.6	525.8	523.4	523.9	528.8	527.4	522.2
-50°	487.5	486.5	482.9	476.9	478.6	480.1	478.1	472.0	477.8	479.1	475.0
-52.5°	451.4	449.7	446.2	440.0	437.1	438.8	436.4	431.5	432.4	433.8	430.6
-55°	420.6	416.6	412.8	407.1	400.3	401.0	398.9	393.9	389.7	391.0	389.0
-57.5°	390.7	385.4	380.7	374.6	367.2	364.9	362.2	357.2	350.0	351.1	349.4
-60°	359.1	353.0	347.8	341.6	334.2	329.4	326.7	322.0	315.0	313.3	312.6
-62.5°	325.8	318.9	314.1	308.6	301.8	295.7	292.6	287.9	281.8	277.7	277.1
-65°	293.0	287.1	282.2	276.3	269.5	261.9	258.9	254.7	249.4	243.8	243.0
-67.5°	259.3	253.8	248.6	243.0	236.7	229.8	226.3	222.5	218.2	213.1	211.8
-70°	224.6	219.9	215.1	210.1	204.7	199.1	195.8	193.0	189.2	184.1	181.0
-72.5°	189.8	185.9	181.9	178.1	174.1	169.8	166.3	163.2	159.1	154.1	150.7
-75°	155.0	152.1	149.2	146.4	143.3	139.8	136.4	133.3	129.6	125.3	121.9
-77.5°	121.0	119.2	117.2	115.1	112.6	109.8	106.8	104.1	101.3	98.0	95.1
-80°	90.0	89.0	87.8	86.1	84.0	81.6	78.9	76.9	74.6	72.3	70.5
-82.5°	62.8	62.2	61.3	59.7	58.0	56.2	54.4	53.4	52.3	51.0	49.6
-85°	36.9	36.4	35.8	35.2	34.6	34.0	33.4	32.9	32.2	31.3	30.3
-87.5°	14.2	14.3	14.2	14.7	15.1	15.4	15.6	15.2	14.6	14.1	13.5
-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: P558790 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-930-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°	13.1	12.6	12.1	11.6	11.0	10.4	9.7	9.0	8.4	7.7	6.9
85°	29.2	28.0	26.5	24.8	23.0	20.7	19.4	18.0	16.7	15.4	13.8
82.5°	48.3	46.7	45.0	42.9	41.1	38.7	35.7	32.1	28.0	23.5	20.7
80°	69.9	68.5	66.3	63.3	60.3	56.8	53.4	49.1	43.9	38.2	31.9
77.5°	93.9	91.9	89.1	85.9	82.0	77.5	72.3	66.5	59.8	52.8	45.2
75°	120.0	117.7	114.5	110.1	104.6	98.3	92.0	85.0	77.0	67.6	58.4
72.5°	148.5	145.2	140.7	134.9	128.4	120.9	112.5	103.7	94.8	84.2	72.1
70°	178.0	173.6	168.3	162.1	153.9	143.8	134.1	124.1	112.6	100.8	87.2
67.5°	208.6	203.6	197.1	190.2	181.4	170.2	156.4	145.2	132.8	117.4	102.4
65°	240.3	234.8	226.8	219.8	210.0	197.5	182.7	167.8	153.2	136.6	117.5
62.5°	273.6	267.5	259.9	250.9	239.6	225.9	209.6	193.6	174.6	155.9	134.4
60°	308.9	302.2	294.4	284.8	271.2	255.0	238.2	219.6	198.8	175.2	152.0
57.5°	345.4	338.0	331.6	320.3	305.1	286.1	268.0	247.7	223.1	196.9	169.7
55°	383.2	376.3	370.5	358.4	340.7	319.3	300.5	277.4	248.3	219.1	187.2
52.5°	423.6	418.8	411.7	398.3	378.8	356.0	337.2	307.8	276.8	241.2	206.9
50°	466.2	466.1	456.8	440.6	418.3	399.4	375.9	344.0	305.9	264.6	227.0
47.5°	518.8	518.0	507.1	486.0	460.4	446.1	419.6	382.1	335.3	291.3	247.1
45°	578.5	574.4	561.1	537.5	514.6	499.2	466.8	421.6	371.3	318.6	267.3
42.5°	644.7	637.5	619.0	591.5	582.2	558.0	516.6	466.5	408.1	345.9	289.6
40°	722.3	707.1	681.5	667.6	658.0	621.6	574.1	513.8	445.7	375.1	313.3
37.5°	808.1	785.9	751.7	762.3	742.3	697.3	635.6	562.6	485.0	408.3	336.7
35°	908.5	873.7	874.5	873.0	838.9	778.2	700.2	615.5	528.6	441.2	359.7
32.5°	1018.3	1009.3	1024.7	999.7	944.5	864.2	772.6	673.7	572.7	474.0	382.3
30°	1174.2	1211.6	1195.0	1139.0	1061.2	962.7	850.3	733.3	617.2	506.4	405.6
27.5°	1443.1	1441.8	1386.8	1300.0	1192.1	1067.2	928.9	793.8	661.9	540.2	432.0
25°	1746.5	1703.1	1608.5	1477.2	1331.0	1171.7	1008.8	855.4	710.6	576.8	457.6
22.5°	2093.1	1987.7	1848.9	1665.9	1468.3	1279.4	1093.9	922.6	760.9	612.6	482.3
20°	2467.9	2291.2	2100.5	1850.9	1616.5	1396.5	1184.0	989.3	810.5	647.6	506.0
17.5°	2869.3	2604.4	2340.0	2051.3	1772.0	1514.7	1273.8	1054.9	859.0	681.3	528.6
15°	3258.2	2917.7	2586.6	2253.0	1928.2	1632.6	1362.6	1118.8	905.9	713.7	546.3
12.5°	3641.6	3235.2	2836.7	2453.8	2083.1	1748.8	1449.3	1180.5	950.9	736.8	557.9
10°	4024.2	3552.6	3086.6	2651.1	2234.9	1862.1	1533.0	1228.6	972.2	751.6	567.4
7.5°	4401.1	3865.2	3332.2	2842.2	2365.6	1936.1	1568.7	1250.4	986.1	763.6	575.0
5°	4708.6	4069.1	3444.0	2898.9	2402.3	1965.4	1590.8	1267.3	995.8	772.6	580.5
2.5°	4750.1	4102.6	3460.6	2921.3	2426.9	1985.5	1605.4	1279.0	1001.3	778.6	584.0
0°	4766.1	4113.4	3458.5	2928.1	2439.1	1996.1	1612.6	1285.2	1002.6	781.6	585.4
-2.5°	4750.1	4102.6	3460.6	2921.3	2426.9	1985.5	1605.4	1279.0	1001.3	778.6	584.0
-5°	4708.6	4069.1	3444.0	2898.9	2402.3	1965.4	1590.8	1267.3	995.8	772.6	580.5
-7.5°	4401.1	3865.2	3332.2	2842.2	2365.6	1936.1	1568.7	1250.4	986.1	763.6	575.0
-10°	4024.2	3552.6	3086.6	2651.1	2234.9	1862.1	1533.0	1228.6	972.2	751.6	567.4
-12.5°	3641.6	3235.2	2836.7	2453.8	2083.1	1748.8	1449.3	1180.5	950.9	736.8	557.9
-15°	3258.2	2917.7	2586.6	2253.0	1928.2	1632.6	1362.6	1118.8	905.9	713.7	546.3
-17.5°	2869.3	2604.4	2340.0	2051.3	1772.0	1514.7	1273.8	1054.9	859.0	681.3	528.6
-20°	2467.9	2291.2	2100.5	1850.9	1616.5	1396.5	1184.0	989.3	810.5	647.6	506.0



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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°	2093.1	1987.7	1848.9	1665.9	1468.3	1279.4	1093.9	922.6	760.9	612.6	482.3
-25°	1746.5	1703.1	1608.5	1477.2	1331.0	1171.7	1008.8	855.4	710.6	576.8	457.6
-27.5°	1443.1	1441.8	1386.8	1300.0	1192.1	1067.2	928.9	793.8	661.9	540.2	432.0
-30°	1174.2	1211.6	1195.0	1139.0	1061.2	962.7	850.3	733.3	617.2	506.4	405.6
-32.5°	1018.3	1009.3	1024.7	999.7	944.5	864.2	772.6	673.7	572.7	474.0	382.3
-35°	908.5	873.7	874.5	873.0	838.9	778.2	700.2	615.5	528.6	441.2	359.7
-37.5°	808.1	785.9	751.7	762.3	742.3	697.3	635.6	562.6	485.0	408.3	336.7
-40°	722.3	707.1	681.5	667.6	658.0	621.6	574.1	513.8	445.7	375.1	313.3
-42.5°	644.7	637.5	619.0	591.5	582.2	558.0	516.6	466.5	408.1	345.9	289.6
-45°	578.5	574.4	561.1	537.5	514.6	499.2	466.8	421.6	371.3	318.6	267.3
-47.5°	518.8	518.0	507.1	486.0	460.4	446.1	419.6	382.1	335.3	291.3	247.1
-50°	466.2	466.1	456.8	440.6	418.3	399.4	375.9	344.0	305.9	264.6	227.0
-52.5°	423.6	418.8	411.7	398.3	378.8	356.0	337.2	307.8	276.8	241.2	206.9
-55°	383.2	376.3	370.5	358.4	340.7	319.3	300.5	277.4	248.3	219.1	187.2
-57.5°	345.4	338.0	331.6	320.3	305.1	286.1	268.0	247.7	223.1	196.9	169.7
-60°	308.9	302.2	294.4	284.8	271.2	255.0	238.2	219.6	198.8	175.2	152.0
-62.5°	273.6	267.5	259.9	250.9	239.6	225.9	209.6	193.6	174.6	155.9	134.4
-65°	240.3	234.8	226.8	219.8	210.0	197.5	182.7	167.8	153.2	136.6	117.5
-67.5°	208.6	203.6	197.1	190.2	181.4	170.2	156.4	145.2	132.8	117.4	102.4
-70°	178.0	173.6	168.3	162.1	153.9	143.8	134.1	124.1	112.6	100.8	87.2
-72.5°	148.5	145.2	140.7	134.9	128.4	120.9	112.5	103.7	94.8	84.2	72.1
-75°	120.0	117.7	114.5	110.1	104.6	98.3	92.0	85.0	77.0	67.6	58.4
-77.5°	93.9	91.9	89.1	85.9	82.0	77.5	72.3	66.5	59.8	52.8	45.2
-80°	69.9	68.5	66.3	63.3	60.3	56.8	53.4	49.1	43.9	38.2	31.9
-82.5°	48.3	46.7	45.0	42.9	41.1	38.7	35.7	32.1	28.0	23.5	20.7
-85°	29.2	28.0	26.5	24.8	23.0	20.7	19.4	18.0	16.7	15.4	13.8
-87.5°	13.1	12.6	12.1	11.6	11.0	10.4	9.7	9.0	8.4	7.7	6.9
-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):

	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°	6.1	5.4	4.6	3.6	2.5	1.3	0.0
85°	12.2	10.8	9.2	7.3	5.1	2.5	0.0
82.5°	18.3	16.2	13.7	10.9	7.6	3.8	0.0
80°	25.1	21.6	18.3	14.5	10.1	5.1	0.0
77.5°	36.9	28.7	22.9	18.1	12.6	6.3	0.0
75°	48.7	38.9	28.1	21.6	15.1	7.6	0.0
72.5°	60.4	49.0	36.4	25.2	17.5	8.8	0.0
70°	72.3	59.0	44.7	29.3	20.0	10.0	0.0
67.5°	85.9	68.9	52.9	35.6	22.3	11.2	0.0
65°	99.5	79.8	61.0	41.8	24.7	12.3	0.0
62.5°	113.1	91.4	69.0	48.0	26.9	13.5	0.0
60°	126.5	103.0	77.0	54.0	29.2	14.6	0.0
57.5°	141.7	114.4	86.3	60.0	33.1	15.7	0.0
55°	157.0	125.7	95.5	65.8	37.0	16.7	0.0
52.5°	172.1	137.2	104.6	71.5	40.8	17.8	0.0
50°	187.0	149.7	113.5	77.1	44.4	18.8	0.0
47.5°	202.1	161.9	122.2	82.7	48.0	19.7	0.0
45°	219.5	173.9	130.7	89.2	51.4	20.6	0.0
42.5°	236.8	185.6	139.0	95.4	54.7	21.5	0.0
40°	253.9	196.9	147.6	101.2	57.8	22.4	0.0
37.5°	270.8	207.9	156.3	106.5	60.8	23.2	0.0
35°	287.5	220.4	164.7	111.6	63.7	23.9	0.0
32.5°	304.5	233.5	172.7	116.3	66.4	24.6	0.0
30°	322.7	246.1	180.3	120.7	69.0	25.3	0.0
27.5°	340.4	258.3	186.7	124.7	71.3	25.9	0.0
25°	357.3	270.0	192.5	128.3	73.5	26.5	0.0
22.5°	373.5	280.4	198.0	131.6	75.6	27.0	0.0
20°	388.9	288.4	202.9	134.5	77.4	27.4	0.0
17.5°	400.5	295.4	207.5	137.0	79.1	27.8	0.0
15°	409.1	301.4	211.5	139.2	80.6	28.2	0.0
12.5°	416.5	306.4	215.0	141.0	81.9	28.5	0.0
10°	422.7	310.5	218.0	142.5	82.9	28.8	0.0
7.5°	427.5	313.6	220.4	143.6	83.8	29.0	0.0
5°	431.0	315.8	222.3	144.3	84.5	29.1	0.0
2.5°	433.2	317.1	223.6	144.7	84.9	29.2	0.0
0°	434.0	317.4	224.3	144.7	85.2	29.2	0.0
-2.5°	433.2	317.1	223.6	144.7	84.9	29.2	0.0
-5°	431.0	315.8	222.3	144.3	84.5	29.1	0.0
-7.5°	427.5	313.6	220.4	143.6	83.8	29.0	0.0
-10°	422.7	310.5	218.0	142.5	82.9	28.8	0.0
-12.5°	416.5	306.4	215.0	141.0	81.9	28.5	0.0
-15°	409.1	301.4	211.5	139.2	80.6	28.2	0.0
-17.5°	400.5	295.4	207.5	137.0	79.1	27.8	0.0
-20°	388.9	288.4	202.9	134.5	77.4	27.4	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	373.5	280.4	198.0	131.6	75.6	27.0	0.0
-25°	357.3	270.0	192.5	128.3	73.5	26.5	0.0
-27.5°	340.4	258.3	186.7	124.7	71.3	25.9	0.0
-30°	322.7	246.1	180.3	120.7	69.0	25.3	0.0
-32.5°	304.5	233.5	172.7	116.3	66.4	24.6	0.0
-35°	287.5	220.4	164.7	111.6	63.7	23.9	0.0
-37.5°	270.8	207.9	156.3	106.5	60.8	23.2	0.0
-40°	253.9	196.9	147.6	101.2	57.8	22.4	0.0
-42.5°	236.8	185.6	139.0	95.4	54.7	21.5	0.0
-45°	219.5	173.9	130.7	89.2	51.4	20.6	0.0
-47.5°	202.1	161.9	122.2	82.7	48.0	19.7	0.0
-50°	187.0	149.7	113.5	77.1	44.4	18.8	0.0
-52.5°	172.1	137.2	104.6	71.5	40.8	17.8	0.0
-55°	157.0	125.7	95.5	65.8	37.0	16.7	0.0
-57.5°	141.7	114.4	86.3	60.0	33.1	15.7	0.0
-60°	126.5	103.0	77.0	54.0	29.2	14.6	0.0
-62.5°	113.1	91.4	69.0	48.0	26.9	13.5	0.0
-65°	99.5	79.8	61.0	41.8	24.7	12.3	0.0
-67.5°	85.9	68.9	52.9	35.6	22.3	11.2	0.0
-70°	72.3	59.0	44.7	29.3	20.0	10.0	0.0
-72.5°	60.4	49.0	36.4	25.2	17.5	8.8	0.0
-75°	48.7	38.9	28.1	21.6	15.1	7.6	0.0
-77.5°	36.9	28.7	22.9	18.1	12.6	6.3	0.0
-80°	25.1	21.6	18.3	14.5	10.1	5.1	0.0
-82.5°	18.3	16.2	13.7	10.9	7.6	3.8	0.0
-85°	12.2	10.8	9.2	7.3	5.1	2.5	0.0
-87.5°	6.1	5.4	4.6	3.6	2.5	1.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)