

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: P558654 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-927-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558654 (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-SA2C-927-U-NAT-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (32) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

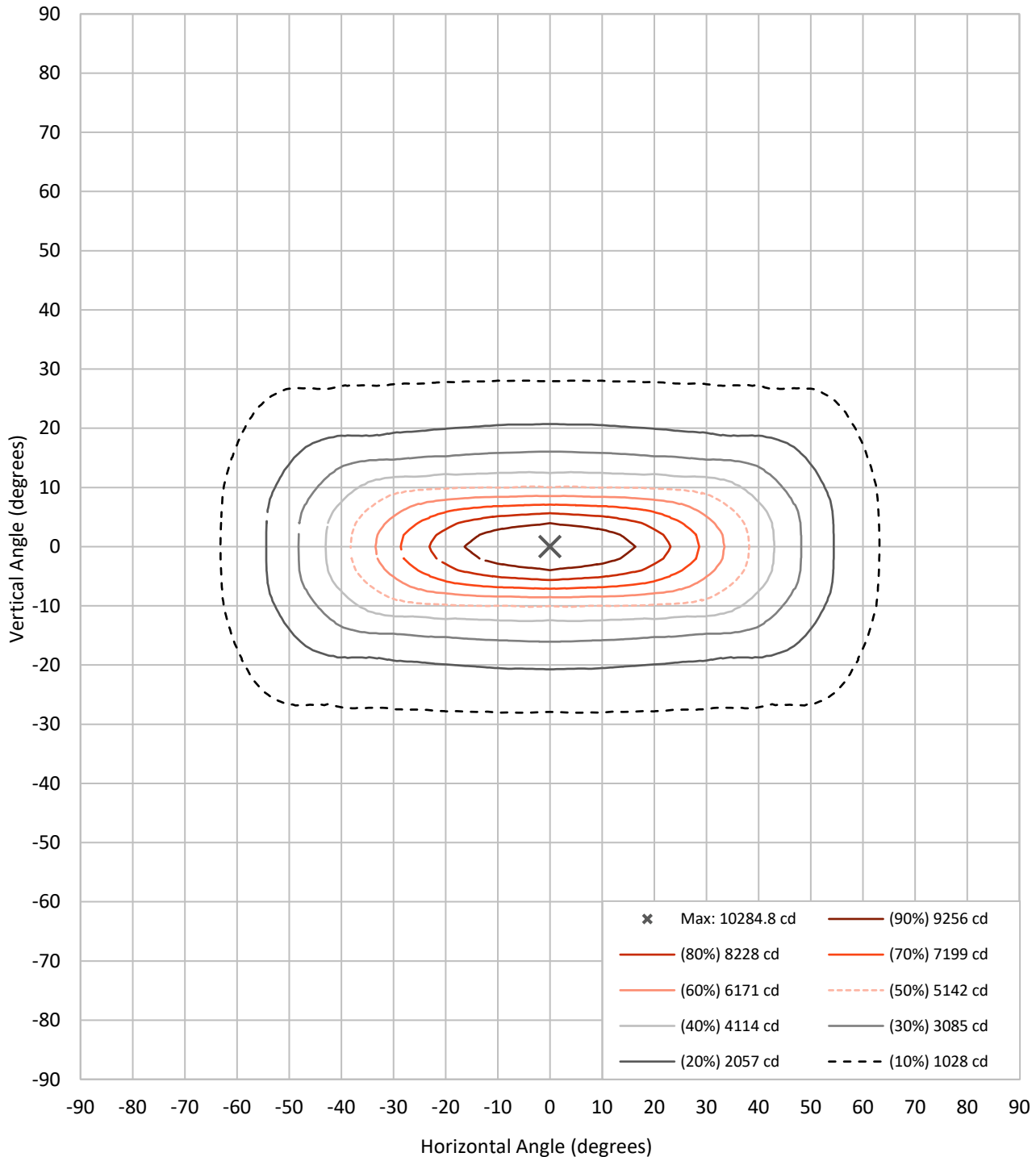
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	7365.8 lumens	Max Intensity:	10284.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	88.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	2947 lumens	Field Lumens:	6037 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 83
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





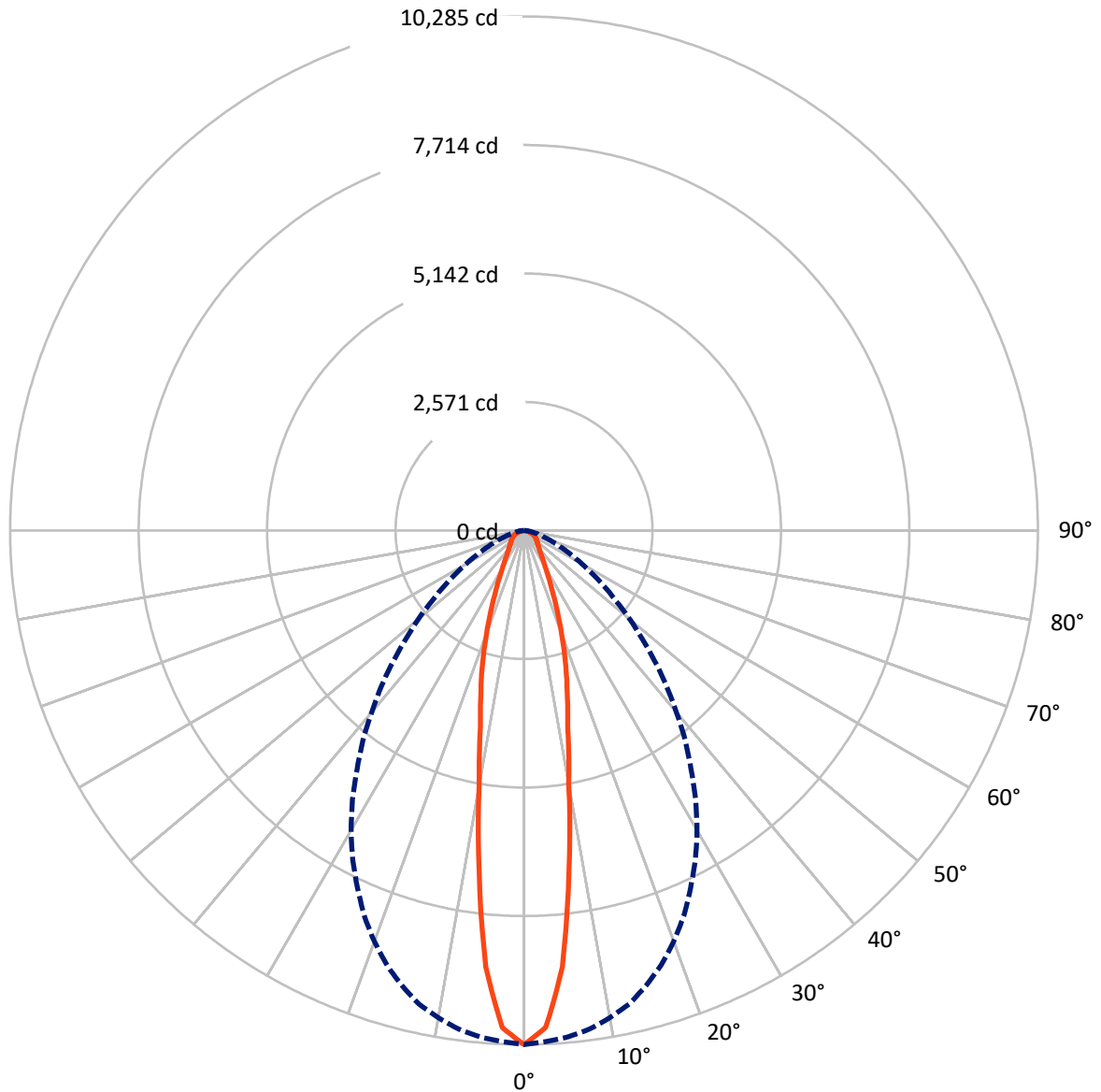
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Lumen Table

90																			
80	0.4	2.5		5.2		7.5		8.4		7.5		5.2		2.5		0.4			
70																			
60	1.6	1.5	2.6	3.5	4.4	5.2	6.0	6.4	6.4	6.0	5.2	4.4	3.5	2.6	1.5	1.6			
50		2.4	4.2	5.6	6.7	7.7	8.5	9.0	9.0	8.5	7.7	6.7	5.6	4.2	2.4				
40	3.2	3.7	6.4	8.5	9.8	10.8	11.6	12.0	12.0	11.6	10.8	9.8	8.5	6.4	3.7	3.2			
30		5.4	10.2	13.5	15.8	17.4	18.6	19.1	19.1	18.6	17.4	15.8	13.5	10.2	5.4				
20	4.9	7.6	17.4	25.9	31.4	36.4	40.5	42.9	42.9	40.5	36.4	31.4	25.9	17.4	7.6	4.9			
10		10.1	26.9	51.7	74.3	88.5	98.6	104.3	104.3	98.6	88.5	74.3	51.7	26.9	10.1				
0	5.6	11.6	34.5	76.1	131.7	186.8	227.3	248.6	248.6	227.3	186.8	131.7	76.1	34.5	11.6	5.6			
-10		11.6	34.5	76.1	131.7	186.8	227.3	248.6	248.6	227.3	186.8	131.7	76.1	34.5	11.6				
-20	4.9	10.1	26.9	51.7	74.3	88.5	98.6	104.3	104.3	98.6	88.5	74.3	51.7	26.9	10.1	4.9			
-30		7.6	17.4	25.9	31.4	36.4	40.5	42.9	42.9	40.5	36.4	31.4	25.9	17.4	7.6				
-40	3.2	5.4	10.2	13.5	15.8	17.4	18.6	19.1	19.1	18.6	17.4	15.8	13.5	10.2	5.4	3.2			
-50		3.7	6.4	8.5	9.8	10.8	11.6	12.0	12.0	11.6	10.8	9.8	8.5	6.4	3.7				
-60	1.6	2.4	4.2	5.6	6.7	7.7	8.5	9.0	9.0	8.5	7.7	6.7	5.6	4.2	2.4	1.6			
-70		1.5	2.6	3.5	4.4	5.2	6.0	6.4	6.4	6.0	5.2	4.4	3.5	2.6	1.5				
-80	0.4	2.5		5.2		7.5		8.4		7.5		5.2		2.5		0.4			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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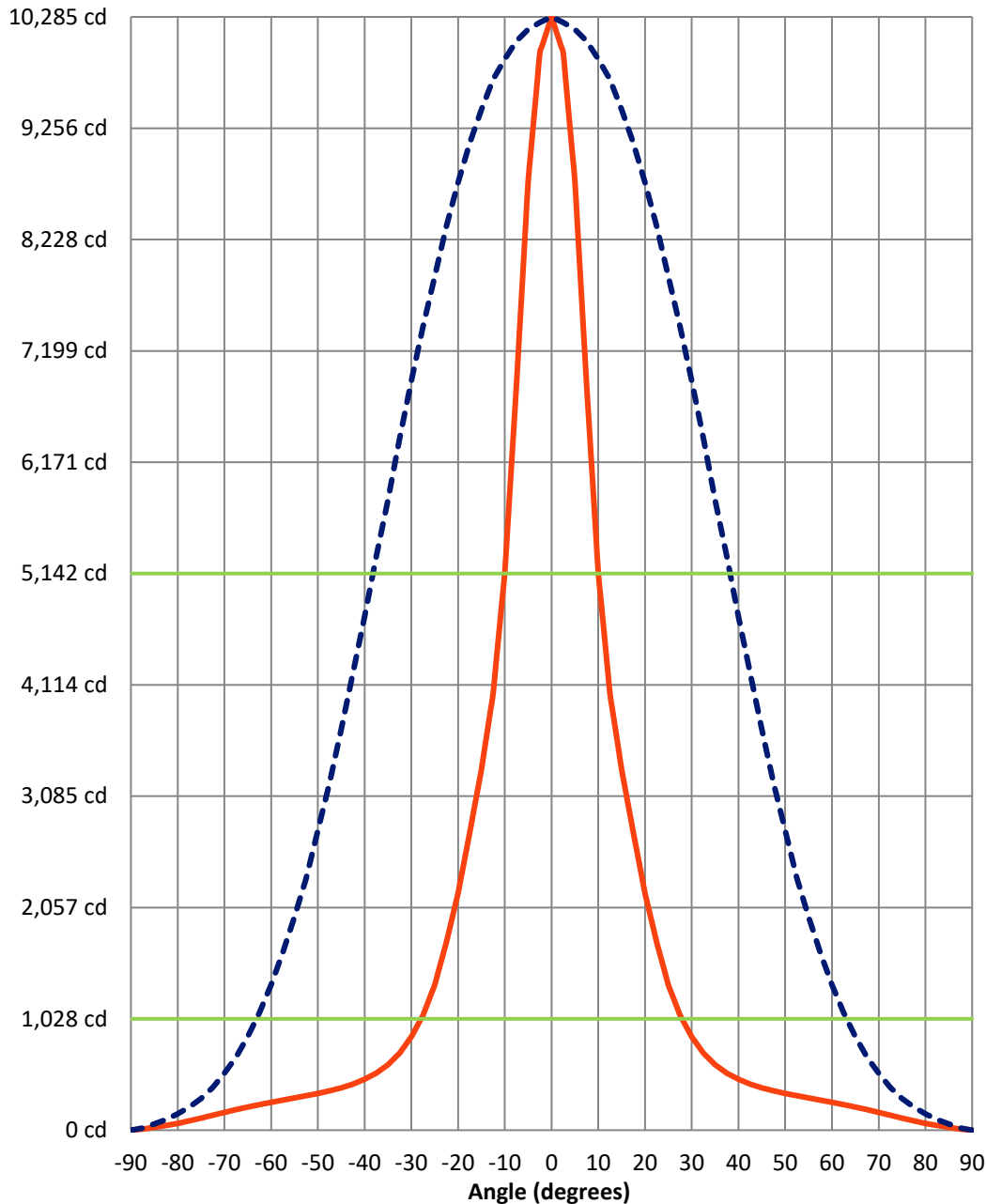
Luminous Intensity Polar Plot



— 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: 2947
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 6037
 Efficiency: 82.0%

Spill:
 Lumens: 1328.8
 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	0.9	1.7	2.4	3.1	3.6	4.1	4.6	5.1	5.6	6.0
85°	0.0	1.7	3.4	4.9	6.1	7.2	8.2	9.3	10.3	11.2	12.1
82.5°	0.0	2.6	5.1	7.3	9.2	10.9	12.3	13.9	15.8	18.8	21.6
80°	0.0	3.4	6.8	9.7	12.3	14.5	16.8	21.4	25.7	29.5	33.0
77.5°	0.0	4.2	8.5	12.1	15.3	19.2	24.8	30.4	35.5	40.3	44.7
75°	0.0	5.1	10.1	14.5	18.8	26.1	32.7	39.3	45.5	51.8	57.2
72.5°	0.0	5.9	11.8	16.9	24.5	32.9	40.6	48.5	56.7	63.7	69.7
70°	0.0	6.7	13.4	19.6	30.1	39.7	48.7	58.7	67.8	75.7	83.5
67.5°	0.0	7.5	15.0	23.9	35.6	46.4	57.8	68.9	79.0	89.4	97.7
65°	0.0	8.3	16.5	28.1	41.1	53.7	67.0	79.0	91.9	103.1	113.0
62.5°	0.0	9.0	18.1	32.2	46.5	61.5	76.1	90.4	104.9	117.5	130.3
60°	0.0	9.8	19.6	36.3	51.8	69.3	85.1	102.3	117.9	133.8	147.8
57.5°	0.0	10.5	22.2	40.3	58.1	77.0	95.4	114.1	132.5	150.1	166.7
55°	0.0	11.2	24.8	44.3	64.3	84.6	105.7	126.0	147.4	167.1	186.7
52.5°	0.0	11.9	27.4	48.1	70.4	92.3	115.8	139.2	162.3	186.3	207.1
50°	0.0	12.6	29.9	51.8	76.4	100.7	125.8	152.7	178.1	205.8	231.5
47.5°	0.0	13.2	32.2	55.7	82.3	109.0	135.9	166.3	196.0	225.6	257.2
45°	0.0	13.9	34.6	60.0	88.0	117.0	147.7	179.9	214.4	249.8	283.7
42.5°	0.0	14.4	36.8	64.2	93.6	124.9	159.3	194.9	232.8	274.6	314.0
40°	0.0	15.0	38.9	68.1	99.3	132.5	170.8	210.8	252.4	299.9	345.8
37.5°	0.0	15.5	40.9	71.7	105.2	139.9	182.2	226.6	274.7	326.4	378.6
35°	0.0	16.1	42.9	75.1	110.8	148.3	193.4	242.0	296.9	355.7	414.2
32.5°	0.0	16.5	44.7	78.3	116.2	157.1	204.9	257.3	319.0	385.4	453.4
30°	0.0	17.0	46.4	81.2	121.4	165.6	217.2	273.0	340.8	415.4	493.5
27.5°	0.0	17.4	48.0	83.9	125.6	173.8	229.0	290.7	363.6	445.5	534.2
25°	0.0	17.8	49.5	86.4	129.6	181.7	240.4	308.0	388.1	478.2	575.6
22.5°	0.0	18.1	50.9	88.6	133.2	188.7	251.3	324.6	412.3	512.0	620.9
20°	0.0	18.4	52.1	90.5	136.6	194.0	261.7	340.5	435.8	545.4	665.7
17.5°	0.0	18.7	53.3	92.3	139.6	198.7	269.5	355.7	458.5	578.0	709.9
15°	0.0	18.9	54.3	93.7	142.3	202.8	275.3	367.6	480.2	609.6	752.9
12.5°	0.0	19.1	55.1	94.9	144.7	206.2	280.3	375.4	495.8	639.9	794.4
10°	0.0	19.3	55.9	95.9	146.7	208.9	284.4	381.8	505.8	654.2	826.8
7.5°	0.0	19.4	56.5	96.6	148.3	211.1	287.7	386.9	513.8	663.6	841.5
5°	0.0	19.5	56.9	97.1	149.6	212.5	290.1	390.6	519.9	670.1	852.8
2.5°	0.0	19.6	57.2	97.4	150.4	213.4	291.5	393.0	524.0	673.8	860.7
0°	0.0	19.6	57.4	97.4	150.9	213.6	292.1	393.9	526.0	674.7	864.9
-2.5°	0.0	19.6	57.2	97.4	150.4	213.4	291.5	393.0	524.0	673.8	860.7
-5°	0.0	19.5	56.9	97.1	149.6	212.5	290.1	390.6	519.9	670.1	852.8
-7.5°	0.0	19.4	56.5	96.6	148.3	211.1	287.7	386.9	513.8	663.6	841.5
-10°	0.0	19.3	55.9	95.9	146.7	208.9	284.4	381.8	505.8	654.2	826.8
-12.5°	0.0	19.1	55.1	94.9	144.7	206.2	280.3	375.4	495.8	639.9	794.4
-15°	0.0	18.9	54.3	93.7	142.3	202.8	275.3	367.6	480.2	609.6	752.9
-17.5°	0.0	18.7	53.3	92.3	139.6	198.7	269.5	355.7	458.5	578.0	709.9
-20°	0.0	18.4	52.1	90.5	136.6	194.0	261.7	340.5	435.8	545.4	665.7



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 CATALOG NUMBER: GFLD-SA2C-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	18.1	50.9	88.6	133.2	188.7	251.3	324.6	412.3	512.0	620.9
-25°	0.0	17.8	49.5	86.4	129.6	181.7	240.4	308.0	388.1	478.2	575.6
-27.5°	0.0	17.4	48.0	83.9	125.6	173.8	229.0	290.7	363.6	445.5	534.2
-30°	0.0	17.0	46.4	81.2	121.4	165.6	217.2	273.0	340.8	415.4	493.5
-32.5°	0.0	16.5	44.7	78.3	116.2	157.1	204.9	257.3	319.0	385.4	453.4
-35°	0.0	16.1	42.9	75.1	110.8	148.3	193.4	242.0	296.9	355.7	414.2
-37.5°	0.0	15.5	40.9	71.7	105.2	139.9	182.2	226.6	274.7	326.4	378.6
-40°	0.0	15.0	38.9	68.1	99.3	132.5	170.8	210.8	252.4	299.9	345.8
-42.5°	0.0	14.4	36.8	64.2	93.6	124.9	159.3	194.9	232.8	274.6	314.0
-45°	0.0	13.9	34.6	60.0	88.0	117.0	147.7	179.9	214.4	249.8	283.7
-47.5°	0.0	13.2	32.2	55.7	82.3	109.0	135.9	166.3	196.0	225.6	257.2
-50°	0.0	12.6	29.9	51.8	76.4	100.7	125.8	152.7	178.1	205.8	231.5
-52.5°	0.0	11.9	27.4	48.1	70.4	92.3	115.8	139.2	162.3	186.3	207.1
-55°	0.0	11.2	24.8	44.3	64.3	84.6	105.7	126.0	147.4	167.1	186.7
-57.5°	0.0	10.5	22.2	40.3	58.1	77.0	95.4	114.1	132.5	150.1	166.7
-60°	0.0	9.8	19.6	36.3	51.8	69.3	85.1	102.3	117.9	133.8	147.8
-62.5°	0.0	9.0	18.1	32.2	46.5	61.5	76.1	90.4	104.9	117.5	130.3
-65°	0.0	8.3	16.5	28.1	41.1	53.7	67.0	79.0	91.9	103.1	113.0
-67.5°	0.0	7.5	15.0	23.9	35.6	46.4	57.8	68.9	79.0	89.4	97.7
-70°	0.0	6.7	13.4	19.6	30.1	39.7	48.7	58.7	67.8	75.7	83.5
-72.5°	0.0	5.9	11.8	16.9	24.5	32.9	40.6	48.5	56.7	63.7	69.7
-75°	0.0	5.1	10.1	14.5	18.8	26.1	32.7	39.3	45.5	51.8	57.2
-77.5°	0.0	4.2	8.5	12.1	15.3	19.2	24.8	30.4	35.5	40.3	44.7
-80°	0.0	3.4	6.8	9.7	12.3	14.5	16.8	21.4	25.7	29.5	33.0
-82.5°	0.0	2.6	5.1	7.3	9.2	10.9	12.3	13.9	15.8	18.8	21.6
-85°	0.0	1.7	3.4	4.9	6.1	7.2	8.2	9.3	10.3	11.2	12.1
-87.5°	0.0	0.9	1.7	2.4	3.1	3.6	4.1	4.6	5.1	5.6	6.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-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°	6.5	7.0	7.4	7.8	8.2	8.5	8.8	9.1	9.4	9.8	10.2
85°	13.0	13.9	15.5	16.7	17.8	18.8	19.6	20.3	21.0	21.6	22.1
82.5°	24.0	26.0	27.6	28.9	30.2	31.4	32.5	33.3	34.3	35.2	35.9
80°	35.9	38.2	40.5	42.6	44.6	46.1	47.1	47.5	48.7	50.2	51.8
77.5°	48.7	52.1	55.2	57.8	60.0	61.9	63.2	64.1	65.9	68.1	70.0
75°	61.9	66.1	70.3	74.1	77.0	79.2	80.8	82.1	84.3	87.2	89.7
72.5°	75.7	81.4	86.4	90.7	94.6	97.7	99.9	101.3	103.6	107.1	109.8
70°	90.2	96.8	103.5	109.1	113.2	116.8	119.8	121.8	123.9	127.3	129.9
67.5°	105.3	114.6	122.1	127.9	132.6	137.0	140.3	142.5	143.5	146.9	149.8
65°	123.0	132.9	141.3	147.9	152.6	158.0	161.7	163.5	164.1	167.9	171.4
62.5°	141.0	152.0	161.2	168.8	174.9	180.0	184.1	186.5	186.8	189.6	193.8
60°	160.3	171.6	182.5	191.6	198.1	203.4	207.8	210.3	210.9	212.0	216.7
57.5°	180.4	192.5	205.3	215.6	223.1	227.4	232.4	235.1	236.2	235.6	240.4
55°	202.2	214.9	229.3	241.2	249.3	253.2	257.8	261.8	263.1	262.2	265.1
52.5°	226.9	239.5	254.9	268.0	277.0	281.8	285.1	289.8	292.0	291.0	290.4
50°	253.0	268.8	281.5	296.5	307.4	313.6	313.8	319.6	322.5	321.6	317.7
47.5°	282.4	300.3	309.8	327.0	341.2	348.6	349.1	351.4	354.9	355.8	352.5
45°	314.2	336.0	346.3	361.6	377.6	386.5	389.3	385.1	391.3	393.3	391.2
42.5°	347.7	375.5	391.8	398.0	416.5	429.0	433.9	430.9	430.6	434.9	434.9
40°	386.4	418.3	442.8	449.3	458.6	475.9	486.1	485.5	474.1	482.2	484.4
37.5°	427.7	469.2	499.5	513.0	505.9	528.9	543.8	549.8	542.7	534.8	543.9
35°	471.3	523.7	564.5	587.5	588.5	588.0	611.3	623.9	624.8	610.2	613.5
32.5°	520.0	581.5	635.6	672.7	689.6	679.2	685.2	711.6	724.6	719.0	697.8
30°	572.2	647.8	714.1	766.5	804.2	815.3	790.2	810.8	839.4	850.8	841.6
27.5°	625.1	718.2	802.2	874.9	933.2	970.2	971.1	939.4	971.8	999.3	1010.0
25°	678.9	788.6	895.7	994.1	1082.5	1146.1	1175.4	1178.8	1133.4	1174.6	1213.0
22.5°	736.1	861.0	988.1	1121.1	1244.2	1337.6	1408.6	1451.4	1450.0	1406.7	1440.4
20°	796.8	939.8	1087.8	1245.6	1413.5	1541.9	1660.9	1751.8	1806.6	1824.7	1789.3
17.5°	857.2	1019.3	1192.5	1380.4	1574.8	1752.7	1931.0	2076.1	2191.1	2285.5	2319.3
15°	917.0	1098.6	1297.6	1516.2	1740.7	1963.5	2192.7	2414.9	2610.6	2783.4	2885.8
12.5°	975.4	1176.9	1401.9	1651.3	1909.0	2177.2	2450.6	2721.4	3003.3	3283.2	3495.9
10°	1031.6	1253.0	1504.0	1784.1	2077.2	2390.8	2708.1	3029.5	3372.0	3702.0	4019.7
7.5°	1055.7	1302.9	1592.0	1912.7	2242.5	2601.1	2961.8	3334.8	3735.0	4120.1	4508.1
5°	1070.5	1322.6	1616.7	1950.9	2317.7	2738.4	3168.7	3630.8	4087.4	4530.8	4988.0
2.5°	1080.4	1336.1	1633.2	1965.9	2328.9	2760.9	3196.6	3676.5	4188.8	4701.5	5245.7
0°	1085.2	1343.3	1641.4	1970.5	2327.4	2768.2	3207.4	3702.5	4221.7	4743.2	5300.1
-2.5°	1080.4	1336.1	1633.2	1965.9	2328.9	2760.9	3196.6	3676.5	4188.8	4701.5	5245.7
-5°	1070.5	1322.6	1616.7	1950.9	2317.7	2738.4	3168.7	3630.8	4087.4	4530.8	4988.0
-7.5°	1055.7	1302.9	1592.0	1912.7	2242.5	2601.1	2961.8	3334.8	3735.0	4120.1	4508.1
-10°	1031.6	1253.0	1504.0	1784.1	2077.2	2390.8	2708.1	3029.5	3372.0	3702.0	4019.7
-12.5°	975.4	1176.9	1401.9	1651.3	1909.0	2177.2	2450.6	2721.4	3003.3	3283.2	3495.9
-15°	917.0	1098.6	1297.6	1516.2	1740.7	1963.5	2192.7	2414.9	2610.6	2783.4	2885.8
-17.5°	857.2	1019.3	1192.5	1380.4	1574.8	1752.7	1931.0	2076.1	2191.1	2285.5	2319.3
-20°	796.8	939.8	1087.8	1245.6	1413.5	1541.9	1660.9	1751.8	1806.6	1824.7	1789.3



REPORT NUMBER: P558654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-927-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°	736.1	861.0	988.1	1121.1	1244.2	1337.6	1408.6	1451.4	1450.0	1406.7	1440.4
-25°	678.9	788.6	895.7	994.1	1082.5	1146.1	1175.4	1178.8	1133.4	1174.6	1213.0
-27.5°	625.1	718.2	802.2	874.9	933.2	970.2	971.1	939.4	971.8	999.3	1010.0
-30°	572.2	647.8	714.1	766.5	804.2	815.3	790.2	810.8	839.4	850.8	841.6
-32.5°	520.0	581.5	635.6	672.7	689.6	679.2	685.2	711.6	724.6	719.0	697.8
-35°	471.3	523.7	564.5	587.5	588.5	588.0	611.3	623.9	624.8	610.2	613.5
-37.5°	427.7	469.2	499.5	513.0	505.9	528.9	543.8	549.8	542.7	534.8	543.9
-40°	386.4	418.3	442.8	449.3	458.6	475.9	486.1	485.5	474.1	482.2	484.4
-42.5°	347.7	375.5	391.8	398.0	416.5	429.0	433.9	430.9	430.6	434.9	434.9
-45°	314.2	336.0	346.3	361.6	377.6	386.5	389.3	385.1	391.3	393.3	391.2
-47.5°	282.4	300.3	309.8	327.0	341.2	348.6	349.1	351.4	354.9	355.8	352.5
-50°	253.0	268.8	281.5	296.5	307.4	313.6	313.8	319.6	322.5	321.6	317.7
-52.5°	226.9	239.5	254.9	268.0	277.0	281.8	285.1	289.8	292.0	291.0	290.4
-55°	202.2	214.9	229.3	241.2	249.3	253.2	257.8	261.8	263.1	262.2	265.1
-57.5°	180.4	192.5	205.3	215.6	223.1	227.4	232.4	235.1	236.2	235.6	240.4
-60°	160.3	171.6	182.5	191.6	198.1	203.4	207.8	210.3	210.9	212.0	216.7
-62.5°	141.0	152.0	161.2	168.8	174.9	180.0	184.1	186.5	186.8	189.6	193.8
-65°	123.0	132.9	141.3	147.9	152.6	158.0	161.7	163.5	164.1	167.9	171.4
-67.5°	105.3	114.6	122.1	127.9	132.6	137.0	140.3	142.5	143.5	146.9	149.8
-70°	90.2	96.8	103.5	109.1	113.2	116.8	119.8	121.8	123.9	127.3	129.9
-72.5°	75.7	81.4	86.4	90.7	94.6	97.7	99.9	101.3	103.6	107.1	109.8
-75°	61.9	66.1	70.3	74.1	77.0	79.2	80.8	82.1	84.3	87.2	89.7
-77.5°	48.7	52.1	55.2	57.8	60.0	61.9	63.2	64.1	65.9	68.1	70.0
-80°	35.9	38.2	40.5	42.6	44.6	46.1	47.1	47.5	48.7	50.2	51.8
-82.5°	24.0	26.0	27.6	28.9	30.2	31.4	32.5	33.3	34.3	35.2	35.9
-85°	13.0	13.9	15.5	16.7	17.8	18.8	19.6	20.3	21.0	21.6	22.1
-87.5°	6.5	7.0	7.4	7.8	8.2	8.5	8.8	9.1	9.4	9.8	10.2
-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: P558654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-927-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°	10.5	10.3	10.1	9.9	9.6	9.6	9.6	9.5	9.5	9.4	9.3
85°	22.4	22.9	23.3	23.7	24.1	24.5	24.8	25.1	25.3	25.3	25.2
82.5°	36.6	37.8	39.0	40.2	41.3	41.8	42.3	42.5	42.7	43.0	43.3
80°	53.1	54.9	56.6	57.9	59.1	59.9	60.5	61.1	61.5	61.9	62.2
77.5°	71.8	73.8	75.7	77.4	78.9	80.2	81.4	82.3	83.0	84.0	85.0
75°	91.8	94.0	96.4	98.5	100.4	102.4	104.4	106.1	107.7	109.1	110.1
72.5°	111.9	114.3	117.2	119.9	122.5	125.1	127.8	130.1	132.0	133.9	135.6
70°	131.8	134.0	137.8	141.4	144.8	148.0	151.2	154.0	156.5	159.0	161.2
67.5°	152.3	154.7	159.3	163.5	167.3	170.8	174.5	177.8	180.7	183.2	185.5
65°	174.2	176.3	181.3	185.9	189.9	193.2	197.2	200.8	204.0	206.8	209.2
62.5°	196.9	199.0	203.1	207.7	211.4	214.6	219.3	223.3	226.8	229.6	232.0
60°	219.9	221.7	224.9	229.9	234.1	237.6	241.7	245.6	249.0	251.8	254.3
57.5°	243.8	245.6	247.1	252.1	256.2	259.4	263.0	266.8	270.1	272.7	275.3
55°	268.4	269.8	269.3	274.0	277.8	280.4	283.1	287.2	290.4	292.7	295.1
52.5°	293.7	295.3	294.2	296.1	300.3	302.6	303.8	308.2	311.5	313.6	315.8
50°	321.8	323.1	322.1	321.0	325.0	327.4	328.0	331.6	334.6	336.2	337.8
47.5°	352.2	353.9	353.1	348.7	352.2	355.3	355.3	356.8	360.0	361.2	362.1
45°	385.4	388.5	387.8	384.8	384.3	387.4	387.1	385.9	389.4	391.0	391.5
42.5°	428.9	427.8	428.8	427.0	421.5	425.0	425.5	421.0	425.5	427.4	426.3
40°	482.1	472.3	477.7	476.8	471.7	470.9	473.7	470.1	470.8	473.5	471.4
37.5°	545.3	538.4	535.5	537.9	536.3	529.8	535.0	533.8	529.6	534.2	532.2
35°	623.2	621.1	605.5	615.0	617.0	610.8	612.6	615.3	606.3	613.3	612.6
32.5°	714.3	719.0	715.6	709.7	718.7	719.7	709.4	721.8	716.8	718.6	723.4
30°	817.5	841.2	852.7	842.4	848.0	859.0	854.0	862.5	866.6	860.1	872.3
27.5°	997.8	989.4	1017.0	1029.0	1016.2	1036.3	1050.8	1044.3	1065.7	1053.1	1071.1
25°	1226.8	1214.5	1221.9	1261.6	1270.5	1260.2	1301.3	1306.2	1323.2	1325.2	1337.8
22.5°	1496.0	1525.8	1522.3	1534.4	1584.3	1601.0	1616.1	1655.8	1646.7	1682.6	1688.8
20°	1797.0	1871.8	1923.4	1934.2	1955.5	2012.9	2039.3	2070.5	2091.4	2125.3	2154.0
17.5°	2306.0	2267.6	2368.8	2432.4	2465.9	2477.8	2546.8	2569.3	2621.3	2650.9	2680.3
15°	2959.7	2982.0	2936.4	2997.0	3099.3	3133.9	3094.1	3186.9	3213.0	3262.9	3271.8
12.5°	3658.3	3771.4	3826.9	3842.0	3788.5	3934.0	3992.3	3919.1	4002.2	3987.2	4055.5
10°	4325.0	4599.8	4764.2	4879.9	4950.3	4992.7	5034.8	5110.4	5111.7	5167.8	5135.0
7.5°	4872.3	5220.7	5553.5	5876.3	6134.6	6279.4	6393.1	6502.1	6647.6	6717.3	6762.6
5°	5407.7	5809.7	6207.9	6599.3	6953.7	7294.7	7628.9	7918.8	8072.4	8251.9	8411.9
2.5°	5754.0	6262.4	6771.0	7274.8	7684.4	8060.1	8407.9	8731.0	9014.4	9276.6	9497.9
0°	5821.6	6390.6	6921.2	7423.8	7884.9	8349.0	8754.3	9119.5	9428.2	9706.7	9894.6
-2.5°	5754.0	6262.4	6771.0	7274.8	7684.4	8060.1	8407.9	8731.0	9014.4	9276.6	9497.9
-5°	5407.7	5809.7	6207.9	6599.3	6953.7	7294.7	7628.9	7918.8	8072.4	8251.9	8411.9
-7.5°	4872.3	5220.7	5553.5	5876.3	6134.6	6279.4	6393.1	6502.1	6647.6	6717.3	6762.6
-10°	4325.0	4599.8	4764.2	4879.9	4950.3	4992.7	5034.8	5110.4	5111.7	5167.8	5135.0
-12.5°	3658.3	3771.4	3826.9	3842.0	3788.5	3934.0	3992.3	3919.1	4002.2	3987.2	4055.5
-15°	2959.7	2982.0	2936.4	2997.0	3099.3	3133.9	3094.1	3186.9	3213.0	3262.9	3271.8
-17.5°	2306.0	2267.6	2368.8	2432.4	2465.9	2477.8	2546.8	2569.3	2621.3	2650.9	2680.3
-20°	1797.0	1871.8	1923.4	1934.2	1955.5	2012.9	2039.3	2070.5	2091.4	2125.3	2154.0



REPORT NUMBER: P558654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1496.0	1525.8	1522.3	1534.4	1584.3	1601.0	1616.1	1655.8	1646.7	1682.6	1688.8
-25°	1226.8	1214.5	1221.9	1261.6	1270.5	1260.2	1301.3	1306.2	1323.2	1325.2	1337.8
-27.5°	997.8	989.4	1017.0	1029.0	1016.2	1036.3	1050.8	1044.3	1065.7	1053.1	1071.1
-30°	817.5	841.2	852.7	842.4	848.0	859.0	854.0	862.5	866.6	860.1	872.3
-32.5°	714.3	719.0	715.6	709.7	718.7	719.7	709.4	721.8	716.8	718.6	723.4
-35°	623.2	621.1	605.5	615.0	617.0	610.8	612.6	615.3	606.3	613.3	612.6
-37.5°	545.3	538.4	535.5	537.9	536.3	529.8	535.0	533.8	529.6	534.2	532.2
-40°	482.1	472.3	477.7	476.8	471.7	470.9	473.7	470.1	470.8	473.5	471.4
-42.5°	428.9	427.8	428.8	427.0	421.5	425.0	425.5	421.0	425.5	427.4	426.3
-45°	385.4	388.5	387.8	384.8	384.3	387.4	387.1	385.9	389.4	391.0	391.5
-47.5°	352.2	353.9	353.1	348.7	352.2	355.3	355.3	356.8	360.0	361.2	362.1
-50°	321.8	323.1	322.1	321.0	325.0	327.4	328.0	331.6	334.6	336.2	337.8
-52.5°	293.7	295.3	294.2	296.1	300.3	302.6	303.8	308.2	311.5	313.6	315.8
-55°	268.4	269.8	269.3	274.0	277.8	280.4	283.1	287.2	290.4	292.7	295.1
-57.5°	243.8	245.6	247.1	252.1	256.2	259.4	263.0	266.8	270.1	272.7	275.3
-60°	219.9	221.7	224.9	229.9	234.1	237.6	241.7	245.6	249.0	251.8	254.3
-62.5°	196.9	199.0	203.1	207.7	211.4	214.6	219.3	223.3	226.8	229.6	232.0
-65°	174.2	176.3	181.3	185.9	189.9	193.2	197.2	200.8	204.0	206.8	209.2
-67.5°	152.3	154.7	159.3	163.5	167.3	170.8	174.5	177.8	180.7	183.2	185.5
-70°	131.8	134.0	137.8	141.4	144.8	148.0	151.2	154.0	156.5	159.0	161.2
-72.5°	111.9	114.3	117.2	119.9	122.5	125.1	127.8	130.1	132.0	133.9	135.6
-75°	91.8	94.0	96.4	98.5	100.4	102.4	104.4	106.1	107.7	109.1	110.1
-77.5°	71.8	73.8	75.7	77.4	78.9	80.2	81.4	82.3	83.0	84.0	85.0
-80°	53.1	54.9	56.6	57.9	59.1	59.9	60.5	61.1	61.5	61.9	62.2
-82.5°	36.6	37.8	39.0	40.2	41.3	41.8	42.3	42.5	42.7	43.0	43.3
-85°	22.4	22.9	23.3	23.7	24.1	24.5	24.8	25.1	25.3	25.3	25.2
-87.5°	10.5	10.3	10.1	9.9	9.6	9.6	9.6	9.5	9.5	9.4	9.3
-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: P558654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-927-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°	9.2	9.1	9.4	9.8	9.4	9.1	9.2	9.3	9.4	9.5	9.5
85°	25.0	24.8	25.3	25.7	25.3	24.8	25.0	25.2	25.3	25.3	25.1
82.5°	43.5	43.6	43.7	43.8	43.7	43.6	43.5	43.3	43.0	42.7	42.5
80°	62.3	62.3	62.2	61.9	62.2	62.3	62.3	62.2	61.9	61.5	61.1
77.5°	85.8	86.3	86.7	86.8	86.7	86.3	85.8	85.0	84.0	83.0	82.3
75°	110.8	111.1	111.2	110.9	111.2	111.1	110.8	110.1	109.1	107.7	106.1
72.5°	137.0	138.1	138.3	138.1	138.3	138.1	137.0	135.6	133.9	132.0	130.1
70°	163.0	164.4	164.4	163.8	164.4	164.4	163.0	161.2	159.0	156.5	154.0
67.5°	187.2	188.5	189.5	190.2	189.5	188.5	187.2	185.5	183.2	180.7	177.8
65°	211.1	212.6	213.4	213.6	213.4	212.6	211.1	209.2	206.8	204.0	200.8
62.5°	233.9	235.2	235.9	236.2	235.9	235.2	233.9	232.0	229.6	226.8	223.3
60°	256.3	257.8	257.9	257.3	257.9	257.8	256.3	254.3	251.8	249.0	245.6
57.5°	277.4	278.8	278.8	277.7	278.8	278.8	277.4	275.3	272.7	270.1	266.8
55°	296.8	297.9	298.3	298.1	298.3	297.9	296.8	295.1	292.7	290.4	287.2
52.5°	317.4	318.2	318.6	318.5	318.6	318.2	317.4	315.8	313.6	311.5	308.2
50°	338.9	339.0	339.0	338.9	339.0	339.0	338.9	337.8	336.2	334.6	331.6
47.5°	363.5	363.7	363.8	363.8	363.8	363.7	363.5	362.1	361.2	360.0	356.8
45°	392.5	391.7	390.9	390.9	390.9	391.7	392.5	391.5	391.0	389.4	385.9
42.5°	427.3	426.5	425.4	425.6	425.4	426.5	427.3	426.3	427.4	425.5	421.0
40°	473.2	473.0	471.5	470.9	471.5	473.0	473.2	471.4	473.5	470.8	470.1
37.5°	532.5	531.6	528.2	526.8	528.2	531.6	532.5	532.2	534.2	529.6	533.8
35°	610.5	609.4	604.1	604.5	604.1	609.4	610.5	612.6	613.3	606.3	615.3
32.5°	721.0	721.4	713.5	711.7	713.5	721.4	721.0	723.4	718.6	716.8	721.8
30°	864.8	867.9	858.6	862.6	858.6	867.9	864.8	872.3	860.1	866.6	862.5
27.5°	1070.8	1076.8	1068.6	1061.8	1068.6	1076.8	1070.8	1071.1	1053.1	1065.7	1044.3
25°	1354.3	1358.8	1349.4	1341.1	1349.4	1358.8	1354.3	1337.8	1325.2	1323.2	1306.2
22.5°	1723.4	1723.1	1722.7	1735.8	1722.7	1723.1	1723.4	1688.8	1682.6	1646.7	1655.8
20°	2172.6	2161.7	2178.0	2188.6	2178.0	2161.7	2172.6	2154.0	2125.3	2091.4	2070.5
17.5°	2687.1	2707.6	2723.2	2749.3	2723.2	2707.6	2687.1	2680.3	2650.9	2621.3	2569.3
15°	3293.9	3324.7	3340.3	3331.9	3340.3	3324.7	3293.9	3271.8	3262.9	3213.0	3186.9
12.5°	4057.9	4094.7	4067.6	4033.8	4067.6	4094.7	4057.9	4055.5	3987.2	4002.2	3919.1
10°	5135.5	5214.6	5219.1	5153.0	5219.1	5214.6	5135.5	5135.0	5167.8	5111.7	5110.4
7.5°	6788.9	6827.3	6885.7	6888.7	6885.7	6827.3	6788.9	6762.6	6717.3	6647.6	6502.1
5°	8484.5	8586.9	8652.9	8767.1	8652.9	8586.9	8484.5	8411.9	8251.9	8072.4	7918.8
2.5°	9640.9	9773.3	9824.1	9953.5	9824.1	9773.3	9640.9	9497.9	9276.6	9014.4	8731.0
0°	10062.1	10169.3	10233.5	10284.8	10233.5	10169.3	10062.1	9894.6	9706.7	9428.2	9119.5
-2.5°	9640.9	9773.3	9824.1	9953.5	9824.1	9773.3	9640.9	9497.9	9276.6	9014.4	8731.0
-5°	8484.5	8586.9	8652.9	8767.1	8652.9	8586.9	8484.5	8411.9	8251.9	8072.4	7918.8
-7.5°	6788.9	6827.3	6885.7	6888.7	6885.7	6827.3	6788.9	6762.6	6717.3	6647.6	6502.1
-10°	5135.5	5214.6	5219.1	5153.0	5219.1	5214.6	5135.5	5135.0	5167.8	5111.7	5110.4
-12.5°	4057.9	4094.7	4067.6	4033.8	4067.6	4094.7	4057.9	4055.5	3987.2	4002.2	3919.1
-15°	3293.9	3324.7	3340.3	3331.9	3340.3	3324.7	3293.9	3271.8	3262.9	3213.0	3186.9
-17.5°	2687.1	2707.6	2723.2	2749.3	2723.2	2707.6	2687.1	2680.3	2650.9	2621.3	2569.3
-20°	2172.6	2161.7	2178.0	2188.6	2178.0	2161.7	2172.6	2154.0	2125.3	2091.4	2070.5



REPORT NUMBER: P558654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-927-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°	1723.4	1723.1	1722.7	1735.8	1722.7	1723.1	1723.4	1688.8	1682.6	1646.7	1655.8
-25°	1354.3	1358.8	1349.4	1341.1	1349.4	1358.8	1354.3	1337.8	1325.2	1323.2	1306.2
-27.5°	1070.8	1076.8	1068.6	1061.8	1068.6	1076.8	1070.8	1071.1	1053.1	1065.7	1044.3
-30°	864.8	867.9	858.6	862.6	858.6	867.9	864.8	872.3	860.1	866.6	862.5
-32.5°	721.0	721.4	713.5	711.7	713.5	721.4	721.0	723.4	718.6	716.8	721.8
-35°	610.5	609.4	604.1	604.5	604.1	609.4	610.5	612.6	613.3	606.3	615.3
-37.5°	532.5	531.6	528.2	526.8	528.2	531.6	532.5	532.2	534.2	529.6	533.8
-40°	473.2	473.0	471.5	470.9	471.5	473.0	473.2	471.4	473.5	470.8	470.1
-42.5°	427.3	426.5	425.4	425.6	425.4	426.5	427.3	426.3	427.4	425.5	421.0
-45°	392.5	391.7	390.9	390.9	390.9	391.7	392.5	391.5	391.0	389.4	385.9
-47.5°	363.5	363.7	363.8	363.8	363.8	363.7	363.5	362.1	361.2	360.0	356.8
-50°	338.9	339.0	339.0	338.9	339.0	339.0	338.9	337.8	336.2	334.6	331.6
-52.5°	317.4	318.2	318.6	318.5	318.6	318.2	317.4	315.8	313.6	311.5	308.2
-55°	296.8	297.9	298.3	298.1	298.3	297.9	296.8	295.1	292.7	290.4	287.2
-57.5°	277.4	278.8	278.8	277.7	278.8	278.8	277.4	275.3	272.7	270.1	266.8
-60°	256.3	257.8	257.9	257.3	257.9	257.8	256.3	254.3	251.8	249.0	245.6
-62.5°	233.9	235.2	235.9	236.2	235.9	235.2	233.9	232.0	229.6	226.8	223.3
-65°	211.1	212.6	213.4	213.6	213.4	212.6	211.1	209.2	206.8	204.0	200.8
-67.5°	187.2	188.5	189.5	190.2	189.5	188.5	187.2	185.5	183.2	180.7	177.8
-70°	163.0	164.4	164.4	163.8	164.4	164.4	163.0	161.2	159.0	156.5	154.0
-72.5°	137.0	138.1	138.3	138.1	138.3	138.1	137.0	135.6	133.9	132.0	130.1
-75°	110.8	111.1	111.2	110.9	111.2	111.1	110.8	110.1	109.1	107.7	106.1
-77.5°	85.8	86.3	86.7	86.8	86.7	86.3	85.8	85.0	84.0	83.0	82.3
-80°	62.3	62.3	62.2	61.9	62.2	62.3	62.3	62.2	61.9	61.5	61.1
-82.5°	43.5	43.6	43.7	43.8	43.7	43.6	43.5	43.3	43.0	42.7	42.5
-85°	25.0	24.8	25.3	25.7	25.3	24.8	25.0	25.2	25.3	25.3	25.1
-87.5°	9.2	9.1	9.4	9.8	9.4	9.1	9.2	9.3	9.4	9.5	9.5
-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: P558654 (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°	9.6	9.6	9.6	9.9	10.1	10.3	10.5	10.2	9.8	9.4	9.1
85°	24.8	24.5	24.1	23.7	23.3	22.9	22.4	22.1	21.6	21.0	20.3
82.5°	42.3	41.8	41.3	40.2	39.0	37.8	36.6	35.9	35.2	34.3	33.3
80°	60.5	59.9	59.1	57.9	56.6	54.9	53.1	51.8	50.2	48.7	47.5
77.5°	81.4	80.2	78.9	77.4	75.7	73.8	71.8	70.0	68.1	65.9	64.1
75°	104.4	102.4	100.4	98.5	96.4	94.0	91.8	89.7	87.2	84.3	82.1
72.5°	127.8	125.1	122.5	119.9	117.2	114.3	111.9	109.8	107.1	103.6	101.3
70°	151.2	148.0	144.8	141.4	137.8	134.0	131.8	129.9	127.3	123.9	121.8
67.5°	174.5	170.8	167.3	163.5	159.3	154.7	152.3	149.8	146.9	143.5	142.5
65°	197.2	193.2	189.9	185.9	181.3	176.3	174.2	171.4	167.9	164.1	163.5
62.5°	219.3	214.6	211.4	207.7	203.1	199.0	196.9	193.8	189.6	186.8	186.5
60°	241.7	237.6	234.1	229.9	224.9	221.7	219.9	216.7	212.0	210.9	210.3
57.5°	263.0	259.4	256.2	252.1	247.1	245.6	243.8	240.4	235.6	236.2	235.1
55°	283.1	280.4	277.8	274.0	269.3	269.8	268.4	265.1	262.2	263.1	261.8
52.5°	303.8	302.6	300.3	296.1	294.2	295.3	293.7	290.4	291.0	292.0	289.8
50°	328.0	327.4	325.0	321.0	322.1	323.1	321.8	317.7	321.6	322.5	319.6
47.5°	355.3	355.3	352.2	348.7	353.1	353.9	352.2	352.5	355.8	354.9	351.4
45°	387.1	387.4	384.3	384.8	387.8	388.5	385.4	391.2	393.3	391.3	385.1
42.5°	425.5	425.0	421.5	427.0	428.8	427.8	428.9	434.9	434.9	430.6	430.9
40°	473.7	470.9	471.7	476.8	477.7	472.3	482.1	484.4	482.2	474.1	485.5
37.5°	535.0	529.8	536.3	537.9	535.5	538.4	545.3	543.9	534.8	542.7	549.8
35°	612.6	610.8	617.0	615.0	605.5	621.1	623.2	613.5	610.2	624.8	623.9
32.5°	709.4	719.7	718.7	709.7	715.6	719.0	714.3	697.8	719.0	724.6	711.6
30°	854.0	859.0	848.0	842.4	852.7	841.2	817.5	841.6	850.8	839.4	810.8
27.5°	1050.8	1036.3	1016.2	1029.0	1017.0	989.4	997.8	1010.0	999.3	971.8	939.4
25°	1301.3	1260.2	1270.5	1261.6	1221.9	1214.5	1226.8	1213.0	1174.6	1133.4	1178.8
22.5°	1616.1	1601.0	1584.3	1534.4	1522.3	1525.8	1496.0	1440.4	1406.7	1450.0	1451.4
20°	2039.3	2012.9	1955.5	1934.2	1923.4	1871.8	1797.0	1789.3	1824.7	1806.6	1751.8
17.5°	2546.8	2477.8	2465.9	2432.4	2368.8	2267.6	2306.0	2319.3	2285.5	2191.1	2076.1
15°	3094.1	3133.9	3099.3	2997.0	2936.4	2982.0	2959.7	2885.8	2783.4	2610.6	2414.9
12.5°	3992.3	3934.0	3788.5	3842.0	3826.9	3771.4	3658.3	3495.9	3283.2	3003.3	2721.4
10°	5034.8	4992.7	4950.3	4879.9	4764.2	4599.8	4325.0	4019.7	3702.0	3372.0	3029.5
7.5°	6393.1	6279.4	6134.6	5876.3	5553.5	5220.7	4872.3	4508.1	4120.1	3735.0	3334.8
5°	7628.9	7294.7	6953.7	6599.3	6207.9	5809.7	5407.7	4988.0	4530.8	4087.4	3630.8
2.5°	8407.9	8060.1	7684.4	7274.8	6771.0	6262.4	5754.0	5245.7	4701.5	4188.8	3676.5
0°	8754.3	8349.0	7884.9	7423.8	6921.2	6390.6	5821.6	5300.1	4743.2	4221.7	3702.5
-2.5°	8407.9	8060.1	7684.4	7274.8	6771.0	6262.4	5754.0	5245.7	4701.5	4188.8	3676.5
-5°	7628.9	7294.7	6953.7	6599.3	6207.9	5809.7	5407.7	4988.0	4530.8	4087.4	3630.8
-7.5°	6393.1	6279.4	6134.6	5876.3	5553.5	5220.7	4872.3	4508.1	4120.1	3735.0	3334.8
-10°	5034.8	4992.7	4950.3	4879.9	4764.2	4599.8	4325.0	4019.7	3702.0	3372.0	3029.5
-12.5°	3992.3	3934.0	3788.5	3842.0	3826.9	3771.4	3658.3	3495.9	3283.2	3003.3	2721.4
-15°	3094.1	3133.9	3099.3	2997.0	2936.4	2982.0	2959.7	2885.8	2783.4	2610.6	2414.9
-17.5°	2546.8	2477.8	2465.9	2432.4	2368.8	2267.6	2306.0	2319.3	2285.5	2191.1	2076.1
-20°	2039.3	2012.9	1955.5	1934.2	1923.4	1871.8	1797.0	1789.3	1824.7	1806.6	1751.8



REPORT NUMBER: P558654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1616.1	1601.0	1584.3	1534.4	1522.3	1525.8	1496.0	1440.4	1406.7	1450.0	1451.4
-25°	1301.3	1260.2	1270.5	1261.6	1221.9	1214.5	1226.8	1213.0	1174.6	1133.4	1178.8
-27.5°	1050.8	1036.3	1016.2	1029.0	1017.0	989.4	997.8	1010.0	999.3	971.8	939.4
-30°	854.0	859.0	848.0	842.4	852.7	841.2	817.5	841.6	850.8	839.4	810.8
-32.5°	709.4	719.7	718.7	709.7	715.6	719.0	714.3	697.8	719.0	724.6	711.6
-35°	612.6	610.8	617.0	615.0	605.5	621.1	623.2	613.5	610.2	624.8	623.9
-37.5°	535.0	529.8	536.3	537.9	535.5	538.4	545.3	543.9	534.8	542.7	549.8
-40°	473.7	470.9	471.7	476.8	477.7	472.3	482.1	484.4	482.2	474.1	485.5
-42.5°	425.5	425.0	421.5	427.0	428.8	427.8	428.9	434.9	434.9	430.6	430.9
-45°	387.1	387.4	384.3	384.8	387.8	388.5	385.4	391.2	393.3	391.3	385.1
-47.5°	355.3	355.3	352.2	348.7	353.1	353.9	352.2	352.5	355.8	354.9	351.4
-50°	328.0	327.4	325.0	321.0	322.1	323.1	321.8	317.7	321.6	322.5	319.6
-52.5°	303.8	302.6	300.3	296.1	294.2	295.3	293.7	290.4	291.0	292.0	289.8
-55°	283.1	280.4	277.8	274.0	269.3	269.8	268.4	265.1	262.2	263.1	261.8
-57.5°	263.0	259.4	256.2	252.1	247.1	245.6	243.8	240.4	235.6	236.2	235.1
-60°	241.7	237.6	234.1	229.9	224.9	221.7	219.9	216.7	212.0	210.9	210.3
-62.5°	219.3	214.6	211.4	207.7	203.1	199.0	196.9	193.8	189.6	186.8	186.5
-65°	197.2	193.2	189.9	185.9	181.3	176.3	174.2	171.4	167.9	164.1	163.5
-67.5°	174.5	170.8	167.3	163.5	159.3	154.7	152.3	149.8	146.9	143.5	142.5
-70°	151.2	148.0	144.8	141.4	137.8	134.0	131.8	129.9	127.3	123.9	121.8
-72.5°	127.8	125.1	122.5	119.9	117.2	114.3	111.9	109.8	107.1	103.6	101.3
-75°	104.4	102.4	100.4	98.5	96.4	94.0	91.8	89.7	87.2	84.3	82.1
-77.5°	81.4	80.2	78.9	77.4	75.7	73.8	71.8	70.0	68.1	65.9	64.1
-80°	60.5	59.9	59.1	57.9	56.6	54.9	53.1	51.8	50.2	48.7	47.5
-82.5°	42.3	41.8	41.3	40.2	39.0	37.8	36.6	35.9	35.2	34.3	33.3
-85°	24.8	24.5	24.1	23.7	23.3	22.9	22.4	22.1	21.6	21.0	20.3
-87.5°	9.6	9.6	9.6	9.9	10.1	10.3	10.5	10.2	9.8	9.4	9.1
-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: P558654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-927-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°	8.8	8.5	8.2	7.8	7.4	7.0	6.5	6.0	5.6	5.1	4.6
85°	19.6	18.8	17.8	16.7	15.5	13.9	13.0	12.1	11.2	10.3	9.3
82.5°	32.5	31.4	30.2	28.9	27.6	26.0	24.0	21.6	18.8	15.8	13.9
80°	47.1	46.1	44.6	42.6	40.5	38.2	35.9	33.0	29.5	25.7	21.4
77.5°	63.2	61.9	60.0	57.8	55.2	52.1	48.7	44.7	40.3	35.5	30.4
75°	80.8	79.2	77.0	74.1	70.3	66.1	61.9	57.2	51.8	45.5	39.3
72.5°	99.9	97.7	94.6	90.7	86.4	81.4	75.7	69.7	63.7	56.7	48.5
70°	119.8	116.8	113.2	109.1	103.5	96.8	90.2	83.5	75.7	67.8	58.7
67.5°	140.3	137.0	132.6	127.9	122.1	114.6	105.3	97.7	89.4	79.0	68.9
65°	161.7	158.0	152.6	147.9	141.3	132.9	123.0	113.0	103.1	91.9	79.0
62.5°	184.1	180.0	174.9	168.8	161.2	152.0	141.0	130.3	117.5	104.9	90.4
60°	207.8	203.4	198.1	191.6	182.5	171.6	160.3	147.8	133.8	117.9	102.3
57.5°	232.4	227.4	223.1	215.6	205.3	192.5	180.4	166.7	150.1	132.5	114.1
55°	257.8	253.2	249.3	241.2	229.3	214.9	202.2	186.7	167.1	147.4	126.0
52.5°	285.1	281.8	277.0	268.0	254.9	239.5	226.9	207.1	186.3	162.3	139.2
50°	313.8	313.6	307.4	296.5	281.5	268.8	253.0	231.5	205.8	178.1	152.7
47.5°	349.1	348.6	341.2	327.0	309.8	300.3	282.4	257.2	225.6	196.0	166.3
45°	389.3	386.5	377.6	361.6	346.3	336.0	314.2	283.7	249.8	214.4	179.9
42.5°	433.9	429.0	416.5	398.0	391.8	375.5	347.7	314.0	274.6	232.8	194.9
40°	486.1	475.9	458.6	449.3	442.8	418.3	386.4	345.8	299.9	252.4	210.8
37.5°	543.8	528.9	505.9	513.0	499.5	469.2	427.7	378.6	326.4	274.7	226.6
35°	611.3	588.0	588.5	587.5	564.5	523.7	471.3	414.2	355.7	296.9	242.0
32.5°	685.2	679.2	689.6	672.7	635.6	581.5	520.0	453.4	385.4	319.0	257.3
30°	790.2	815.3	804.2	766.5	714.1	647.8	572.2	493.5	415.4	340.8	273.0
27.5°	971.1	970.2	933.2	874.9	802.2	718.2	625.1	534.2	445.5	363.6	290.7
25°	1175.4	1146.1	1082.5	994.1	895.7	788.6	678.9	575.6	478.2	388.1	308.0
22.5°	1408.6	1337.6	1244.2	1121.1	988.1	861.0	736.1	620.9	512.0	412.3	324.6
20°	1660.9	1541.9	1413.5	1245.6	1087.8	939.8	796.8	665.7	545.4	435.8	340.5
17.5°	1931.0	1752.7	1574.8	1380.4	1192.5	1019.3	857.2	709.9	578.0	458.5	355.7
15°	2192.7	1963.5	1740.7	1516.2	1297.6	1098.6	917.0	752.9	609.6	480.2	367.6
12.5°	2450.6	2177.2	1909.0	1651.3	1401.9	1176.9	975.4	794.4	639.9	495.8	375.4
10°	2708.1	2390.8	2077.2	1784.1	1504.0	1253.0	1031.6	826.8	654.2	505.8	381.8
7.5°	2961.8	2601.1	2242.5	1912.7	1592.0	1302.9	1055.7	841.5	663.6	513.8	386.9
5°	3168.7	2738.4	2317.7	1950.9	1616.7	1322.6	1070.5	852.8	670.1	519.9	390.6
2.5°	3196.6	2760.9	2328.9	1965.9	1633.2	1336.1	1080.4	860.7	673.8	524.0	393.0
0°	3207.4	2768.2	2327.4	1970.5	1641.4	1343.3	1085.2	864.9	674.7	526.0	393.9
-2.5°	3196.6	2760.9	2328.9	1965.9	1633.2	1336.1	1080.4	860.7	673.8	524.0	393.0
-5°	3168.7	2738.4	2317.7	1950.9	1616.7	1322.6	1070.5	852.8	670.1	519.9	390.6
-7.5°	2961.8	2601.1	2242.5	1912.7	1592.0	1302.9	1055.7	841.5	663.6	513.8	386.9
-10°	2708.1	2390.8	2077.2	1784.1	1504.0	1253.0	1031.6	826.8	654.2	505.8	381.8
-12.5°	2450.6	2177.2	1909.0	1651.3	1401.9	1176.9	975.4	794.4	639.9	495.8	375.4
-15°	2192.7	1963.5	1740.7	1516.2	1297.6	1098.6	917.0	752.9	609.6	480.2	367.6
-17.5°	1931.0	1752.7	1574.8	1380.4	1192.5	1019.3	857.2	709.9	578.0	458.5	355.7
-20°	1660.9	1541.9	1413.5	1245.6	1087.8	939.8	796.8	665.7	545.4	435.8	340.5



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1408.6	1337.6	1244.2	1121.1	988.1	861.0	736.1	620.9	512.0	412.3	324.6
-25°	1175.4	1146.1	1082.5	994.1	895.7	788.6	678.9	575.6	478.2	388.1	308.0
-27.5°	971.1	970.2	933.2	874.9	802.2	718.2	625.1	534.2	445.5	363.6	290.7
-30°	790.2	815.3	804.2	766.5	714.1	647.8	572.2	493.5	415.4	340.8	273.0
-32.5°	685.2	679.2	689.6	672.7	635.6	581.5	520.0	453.4	385.4	319.0	257.3
-35°	611.3	588.0	588.5	587.5	564.5	523.7	471.3	414.2	355.7	296.9	242.0
-37.5°	543.8	528.9	505.9	513.0	499.5	469.2	427.7	378.6	326.4	274.7	226.6
-40°	486.1	475.9	458.6	449.3	442.8	418.3	386.4	345.8	299.9	252.4	210.8
-42.5°	433.9	429.0	416.5	398.0	391.8	375.5	347.7	314.0	274.6	232.8	194.9
-45°	389.3	386.5	377.6	361.6	346.3	336.0	314.2	283.7	249.8	214.4	179.9
-47.5°	349.1	348.6	341.2	327.0	309.8	300.3	282.4	257.2	225.6	196.0	166.3
-50°	313.8	313.6	307.4	296.5	281.5	268.8	253.0	231.5	205.8	178.1	152.7
-52.5°	285.1	281.8	277.0	268.0	254.9	239.5	226.9	207.1	186.3	162.3	139.2
-55°	257.8	253.2	249.3	241.2	229.3	214.9	202.2	186.7	167.1	147.4	126.0
-57.5°	232.4	227.4	223.1	215.6	205.3	192.5	180.4	166.7	150.1	132.5	114.1
-60°	207.8	203.4	198.1	191.6	182.5	171.6	160.3	147.8	133.8	117.9	102.3
-62.5°	184.1	180.0	174.9	168.8	161.2	152.0	141.0	130.3	117.5	104.9	90.4
-65°	161.7	158.0	152.6	147.9	141.3	132.9	123.0	113.0	103.1	91.9	79.0
-67.5°	140.3	137.0	132.6	127.9	122.1	114.6	105.3	97.7	89.4	79.0	68.9
-70°	119.8	116.8	113.2	109.1	103.5	96.8	90.2	83.5	75.7	67.8	58.7
-72.5°	99.9	97.7	94.6	90.7	86.4	81.4	75.7	69.7	63.7	56.7	48.5
-75°	80.8	79.2	77.0	74.1	70.3	66.1	61.9	57.2	51.8	45.5	39.3
-77.5°	63.2	61.9	60.0	57.8	55.2	52.1	48.7	44.7	40.3	35.5	30.4
-80°	47.1	46.1	44.6	42.6	40.5	38.2	35.9	33.0	29.5	25.7	21.4
-82.5°	32.5	31.4	30.2	28.9	27.6	26.0	24.0	21.6	18.8	15.8	13.9
-85°	19.6	18.8	17.8	16.7	15.5	13.9	13.0	12.1	11.2	10.3	9.3
-87.5°	8.8	8.5	8.2	7.8	7.4	7.0	6.5	6.0	5.6	5.1	4.6
-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°	4.1	3.6	3.1	2.4	1.7	0.9	0.0
85°	8.2	7.2	6.1	4.9	3.4	1.7	0.0
82.5°	12.3	10.9	9.2	7.3	5.1	2.6	0.0
80°	16.8	14.5	12.3	9.7	6.8	3.4	0.0
77.5°	24.8	19.2	15.3	12.1	8.5	4.2	0.0
75°	32.7	26.1	18.8	14.5	10.1	5.1	0.0
72.5°	40.6	32.9	24.5	16.9	11.8	5.9	0.0
70°	48.7	39.7	30.1	19.6	13.4	6.7	0.0
67.5°	57.8	46.4	35.6	23.9	15.0	7.5	0.0
65°	67.0	53.7	41.1	28.1	16.5	8.3	0.0
62.5°	76.1	61.5	46.5	32.2	18.1	9.0	0.0
60°	85.1	69.3	51.8	36.3	19.6	9.8	0.0
57.5°	95.4	77.0	58.1	40.3	22.2	10.5	0.0
55°	105.7	84.6	64.3	44.3	24.8	11.2	0.0
52.5°	115.8	92.3	70.4	48.1	27.4	11.9	0.0
50°	125.8	100.7	76.4	51.8	29.9	12.6	0.0
47.5°	135.9	109.0	82.3	55.7	32.2	13.2	0.0
45°	147.7	117.0	88.0	60.0	34.6	13.9	0.0
42.5°	159.3	124.9	93.6	64.2	36.8	14.4	0.0
40°	170.8	132.5	99.3	68.1	38.9	15.0	0.0
37.5°	182.2	139.9	105.2	71.7	40.9	15.5	0.0
35°	193.4	148.3	110.8	75.1	42.9	16.1	0.0
32.5°	204.9	157.1	116.2	78.3	44.7	16.5	0.0
30°	217.2	165.6	121.4	81.2	46.4	17.0	0.0
27.5°	229.0	173.8	125.6	83.9	48.0	17.4	0.0
25°	240.4	181.7	129.6	86.4	49.5	17.8	0.0
22.5°	251.3	188.7	133.2	88.6	50.9	18.1	0.0
20°	261.7	194.0	136.6	90.5	52.1	18.4	0.0
17.5°	269.5	198.7	139.6	92.3	53.3	18.7	0.0
15°	275.3	202.8	142.3	93.7	54.3	18.9	0.0
12.5°	280.3	206.2	144.7	94.9	55.1	19.1	0.0
10°	284.4	208.9	146.7	95.9	55.9	19.3	0.0
7.5°	287.7	211.1	148.3	96.6	56.5	19.4	0.0
5°	290.1	212.5	149.6	97.1	56.9	19.5	0.0
2.5°	291.5	213.4	150.4	97.4	57.2	19.6	0.0
0°	292.1	213.6	150.9	97.4	57.4	19.6	0.0
-2.5°	291.5	213.4	150.4	97.4	57.2	19.6	0.0
-5°	290.1	212.5	149.6	97.1	56.9	19.5	0.0
-7.5°	287.7	211.1	148.3	96.6	56.5	19.4	0.0
-10°	284.4	208.9	146.7	95.9	55.9	19.3	0.0
-12.5°	280.3	206.2	144.7	94.9	55.1	19.1	0.0
-15°	275.3	202.8	142.3	93.7	54.3	18.9	0.0
-17.5°	269.5	198.7	139.6	92.3	53.3	18.7	0.0
-20°	261.7	194.0	136.6	90.5	52.1	18.4	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	251.3	188.7	133.2	88.6	50.9	18.1	0.0
-25°	240.4	181.7	129.6	86.4	49.5	17.8	0.0
-27.5°	229.0	173.8	125.6	83.9	48.0	17.4	0.0
-30°	217.2	165.6	121.4	81.2	46.4	17.0	0.0
-32.5°	204.9	157.1	116.2	78.3	44.7	16.5	0.0
-35°	193.4	148.3	110.8	75.1	42.9	16.1	0.0
-37.5°	182.2	139.9	105.2	71.7	40.9	15.5	0.0
-40°	170.8	132.5	99.3	68.1	38.9	15.0	0.0
-42.5°	159.3	124.9	93.6	64.2	36.8	14.4	0.0
-45°	147.7	117.0	88.0	60.0	34.6	13.9	0.0
-47.5°	135.9	109.0	82.3	55.7	32.2	13.2	0.0
-50°	125.8	100.7	76.4	51.8	29.9	12.6	0.0
-52.5°	115.8	92.3	70.4	48.1	27.4	11.9	0.0
-55°	105.7	84.6	64.3	44.3	24.8	11.2	0.0
-57.5°	95.4	77.0	58.1	40.3	22.2	10.5	0.0
-60°	85.1	69.3	51.8	36.3	19.6	9.8	0.0
-62.5°	76.1	61.5	46.5	32.2	18.1	9.0	0.0
-65°	67.0	53.7	41.1	28.1	16.5	8.3	0.0
-67.5°	57.8	46.4	35.6	23.9	15.0	7.5	0.0
-70°	48.7	39.7	30.1	19.6	13.4	6.7	0.0
-72.5°	40.6	32.9	24.5	16.9	11.8	5.9	0.0
-75°	32.7	26.1	18.8	14.5	10.1	5.1	0.0
-77.5°	24.8	19.2	15.3	12.1	8.5	4.2	0.0
-80°	16.8	14.5	12.3	9.7	6.8	3.4	0.0
-82.5°	12.3	10.9	9.2	7.3	5.1	2.6	0.0
-85°	8.2	7.2	6.1	4.9	3.4	1.7	0.0
-87.5°	4.1	3.6	3.1	2.4	1.7	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)