

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: P558702 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-935-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558702 (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-SA2D-935-U-NAT-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (32) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

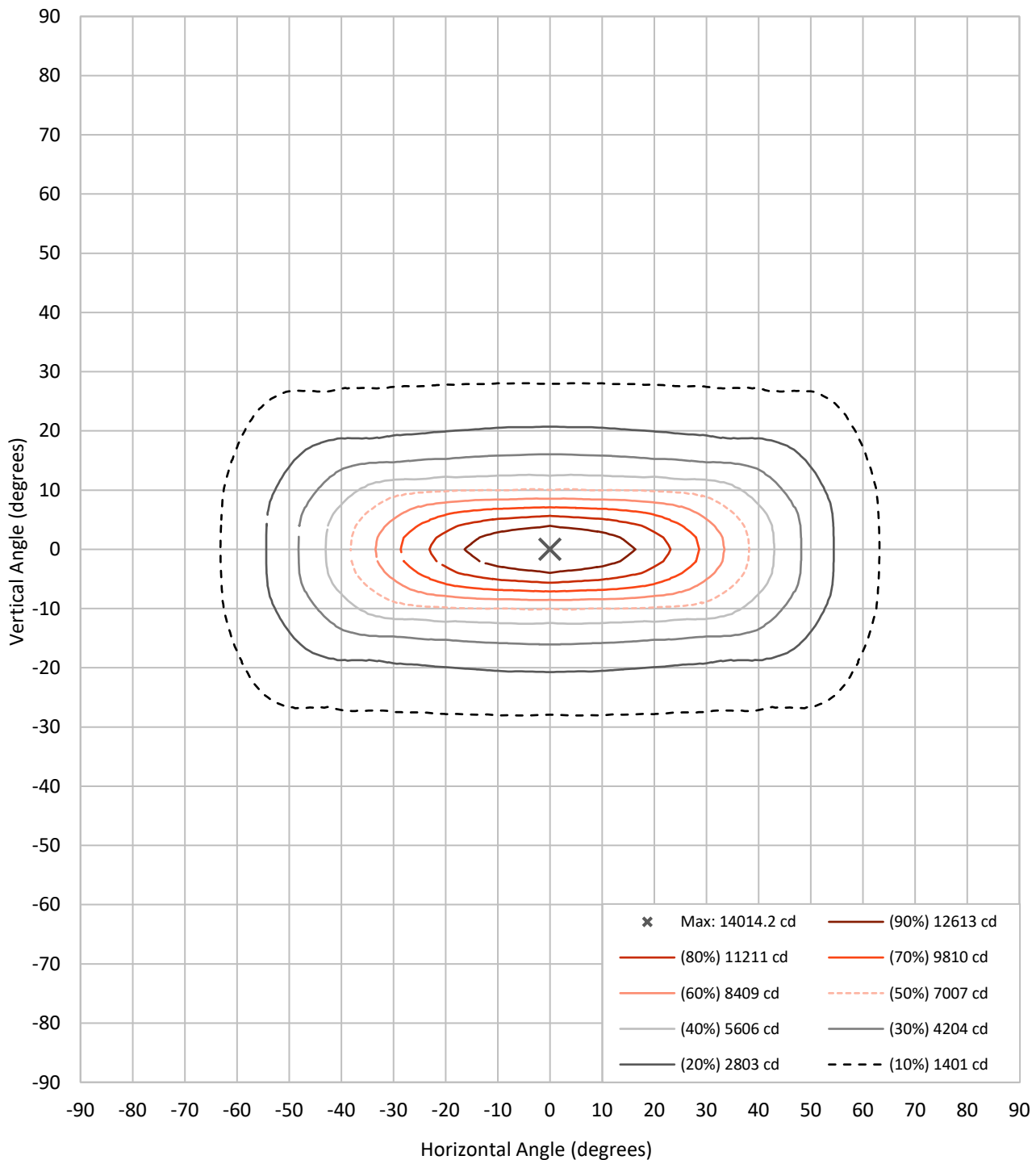
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	10036.7 lumens	Max Intensity:	14014.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	91.2 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	4015.6 lumens	Field Lumens:	8226.1 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 110
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





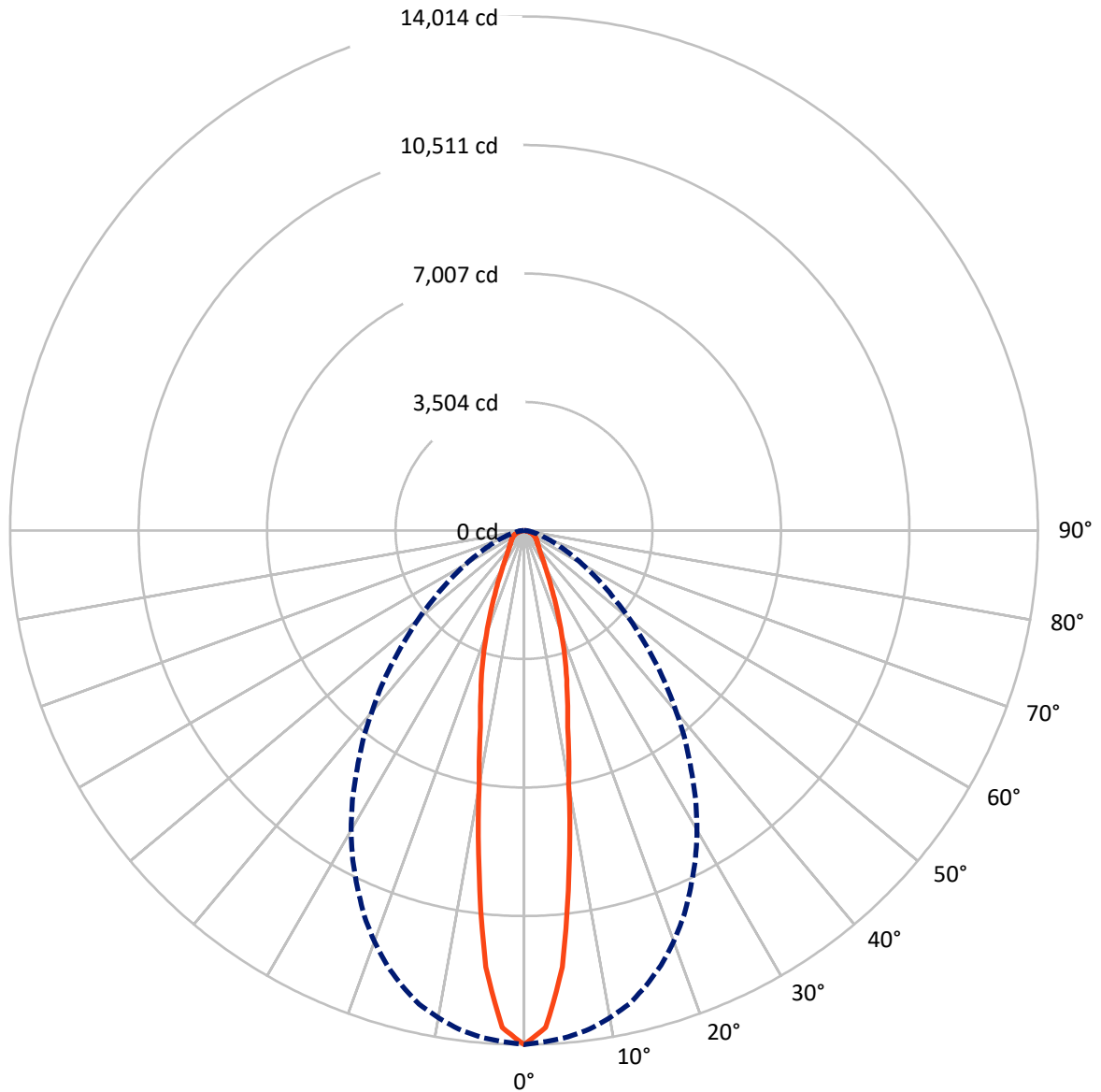
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Lumen Table

90																			
80	0.5	3.5		7.0		10.2		11.5		10.2		7.0		3.5		0.5			
70																			
60	2.2	2.0	3.5	4.8	5.9	7.1	8.1	8.7	8.7	8.1	7.1	5.9	4.8	3.5	2.0	2.2			
50		3.3	5.7	7.7	9.1	10.4	11.6	12.3	12.3	11.6	10.4	9.1	7.7	5.7	3.3				
40	4.3	5.0	8.7	11.5	13.4	14.7	15.8	16.4	16.4	15.8	14.7	13.4	11.5	8.7	5.0	4.3			
30		7.4	13.9	18.4	21.5	23.7	25.3	26.1	26.1	25.3	23.7	21.5	18.4	13.9	7.4				
20	6.6	10.4	23.7	35.4	42.7	49.6	55.2	58.4	58.4	55.2	49.6	42.7	35.4	23.7	10.4	6.6			
10		13.7	36.6	70.4	101.2	120.6	134.3	142.1	142.1	134.3	120.6	101.2	70.4	36.6	13.7				
0	7.6	15.7	47.0	103.7	179.4	254.5	309.7	338.8	338.8	309.7	254.5	179.4	103.7	47.0	15.7	7.6			
-10		15.7	47.0	103.7	179.4	254.5	309.7	338.8	338.8	309.7	254.5	179.4	103.7	47.0	15.7				
-20	6.6	13.7	36.6	70.4	101.2	120.6	134.3	142.1	142.1	134.3	120.6	101.2	70.4	36.6	13.7	6.6			
-30		10.4	23.7	35.4	42.7	49.6	55.2	58.4	58.4	55.2	49.6	42.7	35.4	23.7	10.4				
-40	4.3	7.4	13.9	18.4	21.5	23.7	25.3	26.1	26.1	25.3	23.7	21.5	18.4	13.9	7.4	4.3			
-50		5.0	8.7	11.5	13.4	14.7	15.8	16.4	16.4	15.8	14.7	13.4	11.5	8.7	5.0				
-60	2.2	3.3	5.7	7.7	9.1	10.4	11.6	12.3	12.3	11.6	10.4	9.1	7.7	5.7	3.3	2.2			
-70		2.0	3.5	4.8	5.9	7.1	8.1	8.7	8.7	8.1	7.1	5.9	4.8	3.5	2.0				
-80	0.5	3.5		7.0		10.2		11.5		10.2		7.0		3.5		0.5			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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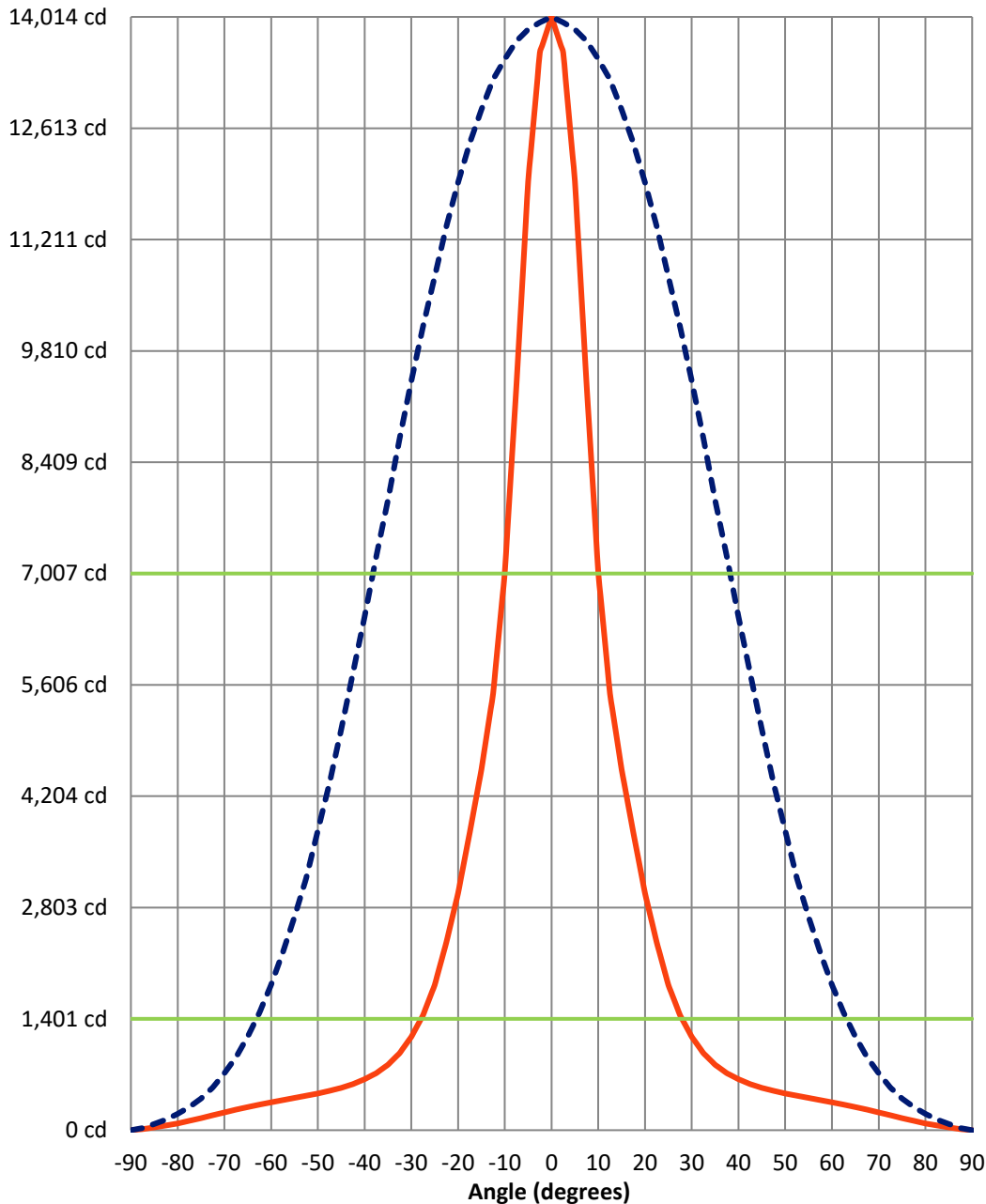
Luminous Intensity Polar Plot



— 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: 4015.6
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 8226.1
 Efficiency: 82.0%

Spill:
 Lumens: 1810.6
 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	1.2	2.3	3.3	4.2	5.0	5.6	6.3	7.0	7.7	8.2
85°	0.0	2.3	4.6	6.6	8.4	9.9	11.2	12.7	14.1	15.3	16.5
82.5°	0.0	3.5	7.0	9.9	12.6	14.8	16.8	19.0	21.5	25.6	29.4
80°	0.0	4.6	9.3	13.2	16.7	19.8	23.0	29.2	35.0	40.3	45.0
77.5°	0.0	5.8	11.5	16.5	20.9	26.3	33.8	41.4	48.5	54.9	61.0
75°	0.0	6.9	13.8	19.8	25.7	35.6	44.6	53.6	62.1	70.7	78.0
72.5°	0.0	8.0	16.0	23.0	33.4	44.9	55.4	66.1	77.3	86.9	95.1
70°	0.0	9.1	18.2	26.8	41.0	54.1	66.4	80.0	92.4	103.2	113.9
67.5°	0.0	10.2	20.4	32.6	48.5	63.3	78.8	93.9	107.7	121.8	133.2
65°	0.0	11.3	22.5	38.3	56.0	73.2	91.3	107.7	125.2	140.5	153.9
62.5°	0.0	12.3	24.6	44.0	63.3	83.9	103.6	123.2	142.9	160.1	177.6
60°	0.0	13.3	26.7	49.5	70.6	94.4	116.0	139.4	160.6	182.3	201.4
57.5°	0.0	14.3	30.3	55.0	79.1	104.9	129.9	155.5	180.5	204.6	227.1
55°	0.0	15.3	33.9	60.3	87.6	115.3	144.0	171.6	200.9	227.7	254.3
52.5°	0.0	16.3	37.3	65.6	95.9	125.7	157.8	189.7	221.2	253.9	282.3
50°	0.0	17.2	40.7	70.7	104.1	137.2	171.5	208.1	242.6	280.5	315.5
47.5°	0.0	18.0	43.9	75.9	112.1	148.5	185.3	226.6	267.1	307.5	350.4
45°	0.0	18.9	47.1	81.8	119.9	159.4	201.3	245.1	292.2	340.5	386.6
42.5°	0.0	19.7	50.1	87.4	127.5	170.2	217.1	265.6	317.2	374.3	427.8
40°	0.0	20.5	53.0	92.8	135.3	180.6	232.8	287.3	344.0	408.7	471.1
37.5°	0.0	21.2	55.8	97.7	143.3	190.7	248.3	308.7	374.4	444.8	515.9
35°	0.0	21.9	58.4	102.3	151.0	202.1	263.6	329.8	404.6	484.7	564.4
32.5°	0.0	22.5	60.9	106.7	158.3	214.1	279.2	350.6	434.6	525.2	617.8
30°	0.0	23.1	63.2	110.6	165.4	225.7	295.9	371.9	464.3	566.0	672.4
27.5°	0.0	23.7	65.4	114.3	171.2	236.9	312.1	396.1	495.4	607.0	728.0
25°	0.0	24.2	67.5	117.7	176.6	247.6	327.6	419.6	528.9	651.6	784.4
22.5°	0.0	24.7	69.3	120.7	181.6	257.1	342.4	442.3	561.8	697.7	846.0
20°	0.0	25.1	71.0	123.3	186.1	264.4	356.6	464.0	593.8	743.2	907.2
17.5°	0.0	25.5	72.6	125.7	190.3	270.8	367.2	484.7	624.8	787.7	967.3
15°	0.0	25.8	73.9	127.7	193.9	276.3	375.1	501.0	654.4	830.7	1025.9
12.5°	0.0	26.1	75.1	129.3	197.2	280.9	381.9	511.5	675.7	872.0	1082.4
10°	0.0	26.3	76.1	130.7	199.9	284.7	387.5	520.3	689.3	891.5	1126.6
7.5°	0.0	26.5	76.9	131.7	202.2	287.6	392.0	527.3	700.2	904.3	1146.5
5°	0.0	26.6	77.5	132.3	203.9	289.6	395.2	532.3	708.5	913.1	1162.0
2.5°	0.0	26.7	78.0	132.7	205.1	290.7	397.2	535.5	714.1	918.1	1172.8
0°	0.0	26.7	78.2	132.7	205.7	291.0	398.0	536.8	716.8	919.3	1178.5
-2.5°	0.0	26.7	78.0	132.7	205.1	290.7	397.2	535.5	714.1	918.1	1172.8
-5°	0.0	26.6	77.5	132.3	203.9	289.6	395.2	532.3	708.5	913.1	1162.0
-7.5°	0.0	26.5	76.9	131.7	202.2	287.6	392.0	527.3	700.2	904.3	1146.5
-10°	0.0	26.3	76.1	130.7	199.9	284.7	387.5	520.3	689.3	891.5	1126.6
-12.5°	0.0	26.1	75.1	129.3	197.2	280.9	381.9	511.5	675.7	872.0	1082.4
-15°	0.0	25.8	73.9	127.7	193.9	276.3	375.1	501.0	654.4	830.7	1025.9
-17.5°	0.0	25.5	72.6	125.7	190.3	270.8	367.2	484.7	624.8	787.7	967.3
-20°	0.0	25.1	71.0	123.3	186.1	264.4	356.6	464.0	593.8	743.2	907.2



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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	24.7	69.3	120.7	181.6	257.1	342.4	442.3	561.8	697.7	846.0
-25°	0.0	24.2	67.5	117.7	176.6	247.6	327.6	419.6	528.9	651.6	784.4
-27.5°	0.0	23.7	65.4	114.3	171.2	236.9	312.1	396.1	495.4	607.0	728.0
-30°	0.0	23.1	63.2	110.6	165.4	225.7	295.9	371.9	464.3	566.0	672.4
-32.5°	0.0	22.5	60.9	106.7	158.3	214.1	279.2	350.6	434.6	525.2	617.8
-35°	0.0	21.9	58.4	102.3	151.0	202.1	263.6	329.8	404.6	484.7	564.4
-37.5°	0.0	21.2	55.8	97.7	143.3	190.7	248.3	308.7	374.4	444.8	515.9
-40°	0.0	20.5	53.0	92.8	135.3	180.6	232.8	287.3	344.0	408.7	471.1
-42.5°	0.0	19.7	50.1	87.4	127.5	170.2	217.1	265.6	317.2	374.3	427.8
-45°	0.0	18.9	47.1	81.8	119.9	159.4	201.3	245.1	292.2	340.5	386.6
-47.5°	0.0	18.0	43.9	75.9	112.1	148.5	185.3	226.6	267.1	307.5	350.4
-50°	0.0	17.2	40.7	70.7	104.1	137.2	171.5	208.1	242.6	280.5	315.5
-52.5°	0.0	16.3	37.3	65.6	95.9	125.7	157.8	189.7	221.2	253.9	282.3
-55°	0.0	15.3	33.9	60.3	87.6	115.3	144.0	171.6	200.9	227.7	254.3
-57.5°	0.0	14.3	30.3	55.0	79.1	104.9	129.9	155.5	180.5	204.6	227.1
-60°	0.0	13.3	26.7	49.5	70.6	94.4	116.0	139.4	160.6	182.3	201.4
-62.5°	0.0	12.3	24.6	44.0	63.3	83.9	103.6	123.2	142.9	160.1	177.6
-65°	0.0	11.3	22.5	38.3	56.0	73.2	91.3	107.7	125.2	140.5	153.9
-67.5°	0.0	10.2	20.4	32.6	48.5	63.3	78.8	93.9	107.7	121.8	133.2
-70°	0.0	9.1	18.2	26.8	41.0	54.1	66.4	80.0	92.4	103.2	113.9
-72.5°	0.0	8.0	16.0	23.0	33.4	44.9	55.4	66.1	77.3	86.9	95.1
-75°	0.0	6.9	13.8	19.8	25.7	35.6	44.6	53.6	62.1	70.7	78.0
-77.5°	0.0	5.8	11.5	16.5	20.9	26.3	33.8	41.4	48.5	54.9	61.0
-80°	0.0	4.6	9.3	13.2	16.7	19.8	23.0	29.2	35.0	40.3	45.0
-82.5°	0.0	3.5	7.0	9.9	12.6	14.8	16.8	19.0	21.5	25.6	29.4
-85°	0.0	2.3	4.6	6.6	8.4	9.9	11.2	12.7	14.1	15.3	16.5
-87.5°	0.0	1.2	2.3	3.3	4.2	5.0	5.6	6.3	7.0	7.7	8.2
-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°	8.9	9.5	10.1	10.6	11.1	11.6	12.0	12.4	12.9	13.4	13.9
85°	17.8	19.0	21.0	22.7	24.3	25.6	26.8	27.7	28.7	29.5	30.2
82.5°	32.7	35.5	37.7	39.3	41.2	42.9	44.3	45.5	46.8	48.0	49.0
80°	48.9	52.0	55.3	58.0	60.8	62.9	64.1	64.7	66.3	68.4	70.6
77.5°	66.4	71.1	75.2	78.8	81.7	84.3	86.2	87.3	89.9	92.9	95.5
75°	84.4	90.2	95.9	101.0	105.0	107.9	110.1	111.8	114.9	118.9	122.2
72.5°	103.2	110.9	117.8	123.7	129.0	133.1	136.1	138.1	141.2	145.9	149.6
70°	123.0	131.9	141.1	148.7	154.3	159.2	163.2	166.0	168.8	173.4	176.9
67.5°	143.4	156.1	166.4	174.4	180.7	186.7	191.2	194.1	195.4	200.1	204.1
65°	167.6	181.1	192.5	201.6	208.0	215.3	220.3	222.8	223.6	228.7	233.6
62.5°	192.2	207.2	219.7	230.0	238.3	245.2	250.9	254.1	254.6	258.4	264.0
60°	218.4	233.7	248.6	261.1	270.0	277.1	283.3	286.6	287.3	288.8	295.2
57.5°	245.7	262.3	279.7	293.7	304.0	310.0	316.7	320.4	321.9	321.0	327.5
55°	275.5	292.7	312.4	328.7	339.7	345.1	351.4	356.7	358.6	357.4	361.3
52.5°	309.2	326.4	347.3	365.2	377.6	384.0	388.4	394.9	397.8	396.5	395.8
50°	344.7	366.2	383.5	404.0	418.9	427.3	427.5	435.5	439.4	438.2	432.9
47.5°	384.8	409.1	422.2	445.7	465.0	475.0	475.7	478.8	483.6	484.9	480.3
45°	428.1	457.8	471.9	492.8	514.5	526.7	530.4	524.6	533.2	535.9	533.0
42.5°	473.7	511.7	533.9	542.3	567.6	584.6	591.2	587.1	586.7	592.6	592.5
40°	526.4	570.0	603.4	612.2	625.0	648.4	662.3	661.5	646.0	657.1	660.0
37.5°	582.8	639.4	680.6	699.0	689.4	720.7	741.0	749.2	739.5	728.6	741.1
35°	642.1	713.6	769.2	800.5	801.9	801.2	833.1	850.2	851.3	831.3	835.8
32.5°	708.5	792.4	866.1	916.7	939.7	925.5	933.8	969.7	987.3	979.6	950.9
30°	779.7	882.7	973.1	1044.5	1095.8	1111.0	1076.8	1104.8	1143.7	1159.2	1146.8
27.5°	851.8	978.6	1093.1	1192.1	1271.6	1322.1	1323.3	1280.0	1324.2	1361.7	1376.2
25°	925.0	1074.5	1220.4	1354.6	1475.0	1561.7	1601.6	1606.2	1544.4	1600.6	1652.9
22.5°	1003.1	1173.1	1346.4	1527.6	1695.4	1822.7	1919.4	1977.6	1975.7	1916.8	1962.8
20°	1085.6	1280.6	1482.2	1697.2	1926.0	2101.0	2263.1	2387.0	2461.7	2486.5	2438.2
17.5°	1168.1	1388.9	1624.9	1881.0	2145.7	2388.3	2631.1	2828.9	2985.7	3114.3	3160.3
15°	1249.5	1497.0	1768.1	2066.0	2371.9	2675.5	2987.7	3290.6	3557.3	3792.7	3932.3
12.5°	1329.0	1603.6	1910.2	2250.1	2601.2	2966.6	3339.2	3708.3	4092.5	4473.7	4763.5
10°	1405.7	1707.4	2049.4	2431.0	2830.3	3257.7	3690.1	4128.1	4594.8	5044.4	5477.3
7.5°	1438.4	1775.3	2169.3	2606.2	3055.6	3544.3	4035.7	4544.1	5089.4	5614.1	6142.8
5°	1458.7	1802.2	2203.0	2658.2	3158.1	3731.3	4317.7	4947.5	5569.6	6173.8	6796.7
2.5°	1472.1	1820.7	2225.4	2678.7	3173.3	3762.0	4355.7	5009.7	5707.8	6406.3	7147.9
0°	1478.7	1830.4	2236.6	2685.0	3171.4	3771.9	4370.4	5045.0	5752.5	6463.1	7222.0
-2.5°	1472.1	1820.7	2225.4	2678.7	3173.3	3762.0	4355.7	5009.7	5707.8	6406.3	7147.9
-5°	1458.7	1802.2	2203.0	2658.2	3158.1	3731.3	4317.7	4947.5	5569.6	6173.8	6796.7
-7.5°	1438.4	1775.3	2169.3	2606.2	3055.6	3544.3	4035.7	4544.1	5089.4	5614.1	6142.8
-10°	1405.7	1707.4	2049.4	2431.0	2830.3	3257.7	3690.1	4128.1	4594.8	5044.4	5477.3
-12.5°	1329.0	1603.6	1910.2	2250.1	2601.2	2966.6	3339.2	3708.3	4092.5	4473.7	4763.5
-15°	1249.5	1497.0	1768.1	2066.0	2371.9	2675.5	2987.7	3290.6	3557.3	3792.7	3932.3
-17.5°	1168.1	1388.9	1624.9	1881.0	2145.7	2388.3	2631.1	2828.9	2985.7	3114.3	3160.3
-20°	1085.6	1280.6	1482.2	1697.2	1926.0	2101.0	2263.1	2387.0	2461.7	2486.5	2438.2



REPORT NUMBER: P558702 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-935-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°	1003.1	1173.1	1346.4	1527.6	1695.4	1822.7	1919.4	1977.6	1975.7	1916.8	1962.8
-25°	925.0	1074.5	1220.4	1354.6	1475.0	1561.7	1601.6	1606.2	1544.4	1600.6	1652.9
-27.5°	851.8	978.6	1093.1	1192.1	1271.6	1322.1	1323.3	1280.0	1324.2	1361.7	1376.2
-30°	779.7	882.7	973.1	1044.5	1095.8	1111.0	1076.8	1104.8	1143.7	1159.2	1146.8
-32.5°	708.5	792.4	866.1	916.7	939.7	925.5	933.8	969.7	987.3	979.6	950.9
-35°	642.1	713.6	769.2	800.5	801.9	801.2	833.1	850.2	851.3	831.3	835.8
-37.5°	582.8	639.4	680.6	699.0	689.4	720.7	741.0	749.2	739.5	728.6	741.1
-40°	526.4	570.0	603.4	612.2	625.0	648.4	662.3	661.5	646.0	657.1	660.0
-42.5°	473.7	511.7	533.9	542.3	567.6	584.6	591.2	587.1	586.7	592.6	592.5
-45°	428.1	457.8	471.9	492.8	514.5	526.7	530.4	524.6	533.2	535.9	533.0
-47.5°	384.8	409.1	422.2	445.7	465.0	475.0	475.7	478.8	483.6	484.9	480.3
-50°	344.7	366.2	383.5	404.0	418.9	427.3	427.5	435.5	439.4	438.2	432.9
-52.5°	309.2	326.4	347.3	365.2	377.6	384.0	388.4	394.9	397.8	396.5	395.8
-55°	275.5	292.7	312.4	328.7	339.7	345.1	351.4	356.7	358.6	357.4	361.3
-57.5°	245.7	262.3	279.7	293.7	304.0	310.0	316.7	320.4	321.9	321.0	327.5
-60°	218.4	233.7	248.6	261.1	270.0	277.1	283.3	286.6	287.3	288.8	295.2
-62.5°	192.2	207.2	219.7	230.0	238.3	245.2	250.9	254.1	254.6	258.4	264.0
-65°	167.6	181.1	192.5	201.6	208.0	215.3	220.3	222.8	223.6	228.7	233.6
-67.5°	143.4	156.1	166.4	174.4	180.7	186.7	191.2	194.1	195.4	200.1	204.1
-70°	123.0	131.9	141.1	148.7	154.3	159.2	163.2	166.0	168.8	173.4	176.9
-72.5°	103.2	110.9	117.8	123.7	129.0	133.1	136.1	138.1	141.2	145.9	149.6
-75°	84.4	90.2	95.9	101.0	105.0	107.9	110.1	111.8	114.9	118.9	122.2
-77.5°	66.4	71.1	75.2	78.8	81.7	84.3	86.2	87.3	89.9	92.9	95.5
-80°	48.9	52.0	55.3	58.0	60.8	62.9	64.1	64.7	66.3	68.4	70.6
-82.5°	32.7	35.5	37.7	39.3	41.2	42.9	44.3	45.5	46.8	48.0	49.0
-85°	17.8	19.0	21.0	22.7	24.3	25.6	26.8	27.7	28.7	29.5	30.2
-87.5°	8.9	9.5	10.1	10.6	11.1	11.6	12.0	12.4	12.9	13.4	13.9
-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: P558702 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-935-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°	14.3	14.1	13.8	13.5	13.1	13.1	13.1	13.0	12.9	12.8	12.7
85°	30.6	31.2	31.7	32.3	32.8	33.3	33.8	34.2	34.5	34.4	34.3
82.5°	49.8	51.5	53.2	54.8	56.2	57.0	57.6	58.0	58.2	58.7	59.0
80°	72.4	74.8	77.1	79.0	80.5	81.6	82.5	83.3	83.8	84.4	84.8
77.5°	97.9	100.6	103.2	105.5	107.5	109.3	110.9	112.2	113.1	114.5	115.8
75°	125.0	128.1	131.3	134.3	136.8	139.5	142.2	144.7	146.9	148.7	150.1
72.5°	152.4	155.7	159.7	163.4	166.8	170.5	174.1	177.2	179.9	182.5	184.8
70°	179.6	182.6	187.7	192.6	197.2	201.6	205.9	209.8	213.2	216.5	219.5
67.5°	207.5	210.8	217.1	222.8	227.9	232.7	237.7	242.2	246.1	249.7	252.7
65°	237.4	240.3	247.1	253.4	258.8	263.3	268.7	273.6	278.0	281.8	285.1
62.5°	268.3	271.1	276.8	283.0	288.1	292.4	298.8	304.3	309.0	312.9	316.2
60°	299.6	302.1	306.4	313.2	319.0	323.7	329.3	334.7	339.2	343.1	346.5
57.5°	332.2	334.6	336.7	343.5	349.1	353.4	358.3	363.6	368.0	371.6	375.1
55°	365.8	367.7	367.1	373.3	378.5	382.0	385.7	391.2	395.6	398.9	402.1
52.5°	400.2	402.4	400.8	403.5	409.1	412.3	413.9	419.9	424.4	427.3	430.3
50°	438.4	440.2	438.8	437.3	442.8	446.1	447.0	451.8	455.9	458.2	460.3
47.5°	479.9	482.1	481.0	475.0	479.9	484.1	484.2	486.2	490.5	492.2	493.5
45°	525.1	529.3	528.4	524.2	523.6	527.8	527.4	525.7	530.6	532.8	533.5
42.5°	584.3	582.9	584.2	581.8	574.3	579.1	579.8	573.7	579.8	582.4	580.9
40°	656.8	643.6	650.9	649.8	642.8	641.7	645.5	640.6	641.5	645.3	642.3
37.5°	743.0	733.6	729.6	732.9	730.8	721.9	729.0	727.3	721.7	728.0	725.2
35°	849.2	846.4	825.1	838.0	840.7	832.2	834.7	838.4	826.2	835.8	834.8
32.5°	973.4	979.7	975.1	967.1	979.2	980.7	966.7	983.6	976.8	979.2	985.8
30°	1114.0	1146.2	1161.9	1147.9	1155.4	1170.4	1163.6	1175.3	1180.8	1172.1	1188.7
27.5°	1359.6	1348.1	1385.8	1402.1	1384.6	1412.0	1431.9	1423.1	1452.1	1434.9	1459.6
25°	1671.7	1654.9	1665.0	1719.1	1731.1	1717.2	1773.3	1779.9	1803.0	1805.8	1822.9
22.5°	2038.5	2079.1	2074.3	2090.8	2158.8	2181.5	2202.2	2256.1	2243.9	2292.7	2301.2
20°	2448.5	2550.6	2620.9	2635.6	2664.7	2742.8	2778.7	2821.2	2849.8	2896.1	2935.2
17.5°	3142.2	3090.0	3227.8	3314.4	3359.9	3376.2	3470.4	3501.1	3571.8	3612.1	3652.3
15°	4032.9	4063.4	4001.1	4083.7	4223.2	4270.2	4216.1	4342.5	4378.0	4446.1	4458.1
12.5°	4984.9	5139.0	5214.5	5235.1	5162.2	5360.6	5440.0	5340.3	5453.4	5433.0	5526.1
10°	5893.2	6267.6	6491.8	6649.5	6745.3	6803.0	6860.4	6963.5	6965.3	7041.7	6997.1
7.5°	6639.0	7113.7	7567.2	8007.2	8359.1	8556.4	8711.3	8859.9	9058.1	9153.1	9214.7
5°	7368.6	7916.3	8459.0	8992.3	9475.2	9939.9	10395.2	10790.2	10999.6	11244.1	11462.2
2.5°	7840.5	8533.3	9226.3	9912.8	10470.8	10982.8	11456.7	11896.9	12283.1	12640.4	12942.0
0°	7932.6	8708.0	9430.9	10115.7	10744.1	11376.5	11928.7	12426.4	12847.0	13226.5	13482.5
-2.5°	7840.5	8533.3	9226.3	9912.8	10470.8	10982.8	11456.7	11896.9	12283.1	12640.4	12942.0
-5°	7368.6	7916.3	8459.0	8992.3	9475.2	9939.9	10395.2	10790.2	10999.6	11244.1	11462.2
-7.5°	6639.0	7113.7	7567.2	8007.2	8359.1	8556.4	8711.3	8859.9	9058.1	9153.1	9214.7
-10°	5893.2	6267.6	6491.8	6649.5	6745.3	6803.0	6860.4	6963.5	6965.3	7041.7	6997.1
-12.5°	4984.9	5139.0	5214.5	5235.1	5162.2	5360.6	5440.0	5340.3	5453.4	5433.0	5526.1
-15°	4032.9	4063.4	4001.1	4083.7	4223.2	4270.2	4216.1	4342.5	4378.0	4446.1	4458.1
-17.5°	3142.2	3090.0	3227.8	3314.4	3359.9	3376.2	3470.4	3501.1	3571.8	3612.1	3652.3
-20°	2448.5	2550.6	2620.9	2635.6	2664.7	2742.8	2778.7	2821.2	2849.8	2896.1	2935.2



REPORT NUMBER: P558702 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2038.5	2079.1	2074.3	2090.8	2158.8	2181.5	2202.2	2256.1	2243.9	2292.7	2301.2
-25°	1671.7	1654.9	1665.0	1719.1	1731.1	1717.2	1773.3	1779.9	1803.0	1805.8	1822.9
-27.5°	1359.6	1348.1	1385.8	1402.1	1384.6	1412.0	1431.9	1423.1	1452.1	1434.9	1459.6
-30°	1114.0	1146.2	1161.9	1147.9	1155.4	1170.4	1163.6	1175.3	1180.8	1172.1	1188.7
-32.5°	973.4	979.7	975.1	967.1	979.2	980.7	966.7	983.6	976.8	979.2	985.8
-35°	849.2	846.4	825.1	838.0	840.7	832.2	834.7	838.4	826.2	835.8	834.8
-37.5°	743.0	733.6	729.6	732.9	730.8	721.9	729.0	727.3	721.7	728.0	725.2
-40°	656.8	643.6	650.9	649.8	642.8	641.7	645.5	640.6	641.5	645.3	642.3
-42.5°	584.3	582.9	584.2	581.8	574.3	579.1	579.8	573.7	579.8	582.4	580.9
-45°	525.1	529.3	528.4	524.2	523.6	527.8	527.4	525.7	530.6	532.8	533.5
-47.5°	479.9	482.1	481.0	475.0	479.9	484.1	484.2	486.2	490.5	492.2	493.5
-50°	438.4	440.2	438.8	437.3	442.8	446.1	447.0	451.8	455.9	458.2	460.3
-52.5°	400.2	402.4	400.8	403.5	409.1	412.3	413.9	419.9	424.4	427.3	430.3
-55°	365.8	367.7	367.1	373.3	378.5	382.0	385.7	391.2	395.6	398.9	402.1
-57.5°	332.2	334.6	336.7	343.5	349.1	353.4	358.3	363.6	368.0	371.6	375.1
-60°	299.6	302.1	306.4	313.2	319.0	323.7	329.3	334.7	339.2	343.1	346.5
-62.5°	268.3	271.1	276.8	283.0	288.1	292.4	298.8	304.3	309.0	312.9	316.2
-65°	237.4	240.3	247.1	253.4	258.8	263.3	268.7	273.6	278.0	281.8	285.1
-67.5°	207.5	210.8	217.1	222.8	227.9	232.7	237.7	242.2	246.1	249.7	252.7
-70°	179.6	182.6	187.7	192.6	197.2	201.6	205.9	209.8	213.2	216.5	219.5
-72.5°	152.4	155.7	159.7	163.4	166.8	170.5	174.1	177.2	179.9	182.5	184.8
-75°	125.0	128.1	131.3	134.3	136.8	139.5	142.2	144.7	146.9	148.7	150.1
-77.5°	97.9	100.6	103.2	105.5	107.5	109.3	110.9	112.2	113.1	114.5	115.8
-80°	72.4	74.8	77.1	79.0	80.5	81.6	82.5	83.3	83.8	84.4	84.8
-82.5°	49.8	51.5	53.2	54.8	56.2	57.0	57.6	58.0	58.2	58.7	59.0
-85°	30.6	31.2	31.7	32.3	32.8	33.3	33.8	34.2	34.5	34.4	34.3
-87.5°	14.3	14.1	13.8	13.5	13.1	13.1	13.1	13.0	12.9	12.8	12.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558702 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-935-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°	12.5	12.3	12.8	13.4	12.8	12.3	12.5	12.7	12.8	12.9	13.0
85°	34.1	33.7	34.4	35.0	34.4	33.7	34.1	34.3	34.4	34.5	34.2
82.5°	59.2	59.3	59.5	59.6	59.5	59.3	59.2	59.0	58.7	58.2	58.0
80°	85.0	85.0	84.8	84.3	84.8	85.0	85.0	84.8	84.4	83.8	83.3
77.5°	116.9	117.7	118.1	118.3	118.1	117.7	116.9	115.8	114.5	113.1	112.2
75°	151.0	151.4	151.5	151.2	151.5	151.4	151.0	150.1	148.7	146.9	144.7
72.5°	186.7	188.2	188.5	188.2	188.5	188.2	186.7	184.8	182.5	179.9	177.2
70°	222.0	224.0	223.9	223.1	223.9	224.0	222.0	219.5	216.5	213.2	209.8
67.5°	255.1	256.9	258.2	259.1	258.2	256.9	255.1	252.7	249.7	246.1	242.2
65°	287.7	289.6	290.7	291.0	290.7	289.6	287.7	285.1	281.8	278.0	273.6
62.5°	318.7	320.5	321.5	321.9	321.5	320.5	318.7	316.2	312.9	309.0	304.3
60°	349.2	351.2	351.5	350.7	351.5	351.2	349.2	346.5	343.1	339.2	334.7
57.5°	377.9	379.9	379.8	378.4	379.8	379.9	377.9	375.1	371.6	368.0	363.6
55°	404.4	405.8	406.4	406.2	406.4	405.8	404.4	402.1	398.9	395.6	391.2
52.5°	432.5	433.7	434.2	434.0	434.2	433.7	432.5	430.3	427.3	424.4	419.9
50°	461.8	462.0	461.9	461.7	461.9	462.0	461.8	460.3	458.2	455.9	451.8
47.5°	495.3	495.6	495.7	495.7	495.7	495.6	495.3	493.5	492.2	490.5	486.2
45°	534.8	533.7	532.6	532.7	532.6	533.7	534.8	533.5	532.8	530.6	525.7
42.5°	582.3	581.1	579.6	580.0	579.6	581.1	582.3	580.9	582.4	579.8	573.7
40°	644.9	644.6	642.5	641.7	642.5	644.6	644.9	642.3	645.3	641.5	640.6
37.5°	725.7	724.5	719.8	717.8	719.8	724.5	725.7	725.2	728.0	721.7	727.3
35°	832.0	830.4	823.2	823.7	823.2	830.4	832.0	834.8	835.8	826.2	838.4
32.5°	982.5	983.0	972.2	969.7	972.2	983.0	982.5	985.8	979.2	976.8	983.6
30°	1178.4	1182.7	1169.9	1175.4	1169.9	1182.7	1178.4	1188.7	1172.1	1180.8	1175.3
27.5°	1459.1	1467.3	1456.0	1446.9	1456.0	1467.3	1459.1	1459.6	1434.9	1452.1	1423.1
25°	1845.5	1851.6	1838.7	1827.4	1838.7	1851.6	1845.5	1822.9	1805.8	1803.0	1779.9
22.5°	2348.4	2348.0	2347.3	2365.2	2347.3	2348.0	2348.4	2301.2	2292.7	2243.9	2256.1
20°	2960.4	2945.6	2967.8	2982.2	2967.8	2945.6	2960.4	2935.2	2896.1	2849.8	2821.2
17.5°	3661.5	3689.3	3710.6	3746.2	3710.6	3689.3	3661.5	3652.3	3612.1	3571.8	3501.1
15°	4488.3	4530.2	4551.6	4540.1	4551.6	4530.2	4488.3	4458.1	4446.1	4378.0	4342.5
12.5°	5529.4	5579.5	5542.5	5496.5	5542.5	5579.5	5529.4	5526.1	5433.0	5453.4	5340.3
10°	6997.8	7105.5	7111.6	7021.5	7111.6	7105.5	6997.8	6997.1	7041.7	6965.3	6963.5
7.5°	9250.6	9303.0	9382.6	9386.7	9382.6	9303.0	9250.6	9214.7	9153.1	9058.1	8859.9
5°	11561.1	11700.6	11790.6	11946.2	11790.6	11700.6	11561.1	11462.2	11244.1	10999.6	10790.2
2.5°	13136.8	13317.3	13386.5	13562.7	13386.5	13317.3	13136.8	12942.0	12640.4	12283.1	11896.9
0°	13710.8	13856.8	13944.2	14014.2	13944.2	13856.8	13710.8	13482.5	13226.5	12847.0	12426.4
-2.5°	13136.8	13317.3	13386.5	13562.7	13386.5	13317.3	13136.8	12942.0	12640.4	12283.1	11896.9
-5°	11561.1	11700.6	11790.6	11946.2	11790.6	11700.6	11561.1	11462.2	11244.1	10999.6	10790.2
-7.5°	9250.6	9303.0	9382.6	9386.7	9382.6	9303.0	9250.6	9214.7	9153.1	9058.1	8859.9
-10°	6997.8	7105.5	7111.6	7021.5	7111.6	7105.5	6997.8	6997.1	7041.7	6965.3	6963.5
-12.5°	5529.4	5579.5	5542.5	5496.5	5542.5	5579.5	5529.4	5526.1	5433.0	5453.4	5340.3
-15°	4488.3	4530.2	4551.6	4540.1	4551.6	4530.2	4488.3	4458.1	4446.1	4378.0	4342.5
-17.5°	3661.5	3689.3	3710.6	3746.2	3710.6	3689.3	3661.5	3652.3	3612.1	3571.8	3501.1
-20°	2960.4	2945.6	2967.8	2982.2	2967.8	2945.6	2960.4	2935.2	2896.1	2849.8	2821.2



REPORT NUMBER: P558702 (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°	2348.4	2348.0	2347.3	2365.2	2347.3	2348.0	2348.4	2301.2	2292.7	2243.9	2256.1
-25°	1845.5	1851.6	1838.7	1827.4	1838.7	1851.6	1845.5	1822.9	1805.8	1803.0	1779.9
-27.5°	1459.1	1467.3	1456.0	1446.9	1456.0	1467.3	1459.1	1459.6	1434.9	1452.1	1423.1
-30°	1178.4	1182.7	1169.9	1175.4	1169.9	1182.7	1178.4	1188.7	1172.1	1180.8	1175.3
-32.5°	982.5	983.0	972.2	969.7	972.2	983.0	982.5	985.8	979.2	976.8	983.6
-35°	832.0	830.4	823.2	823.7	823.2	830.4	832.0	834.8	835.8	826.2	838.4
-37.5°	725.7	724.5	719.8	717.8	719.8	724.5	725.7	725.2	728.0	721.7	727.3
-40°	644.9	644.6	642.5	641.7	642.5	644.6	644.9	642.3	645.3	641.5	640.6
-42.5°	582.3	581.1	579.6	580.0	579.6	581.1	582.3	580.9	582.4	579.8	573.7
-45°	534.8	533.7	532.6	532.7	532.6	533.7	534.8	533.5	532.8	530.6	525.7
-47.5°	495.3	495.6	495.7	495.7	495.7	495.6	495.3	493.5	492.2	490.5	486.2
-50°	461.8	462.0	461.9	461.7	461.9	462.0	461.8	460.3	458.2	455.9	451.8
-52.5°	432.5	433.7	434.2	434.0	434.2	433.7	432.5	430.3	427.3	424.4	419.9
-55°	404.4	405.8	406.4	406.2	406.4	405.8	404.4	402.1	398.9	395.6	391.2
-57.5°	377.9	379.9	379.8	378.4	379.8	379.9	377.9	375.1	371.6	368.0	363.6
-60°	349.2	351.2	351.5	350.7	351.5	351.2	349.2	346.5	343.1	339.2	334.7
-62.5°	318.7	320.5	321.5	321.9	321.5	320.5	318.7	316.2	312.9	309.0	304.3
-65°	287.7	289.6	290.7	291.0	290.7	289.6	287.7	285.1	281.8	278.0	273.6
-67.5°	255.1	256.9	258.2	259.1	258.2	256.9	255.1	252.7	249.7	246.1	242.2
-70°	222.0	224.0	223.9	223.1	223.9	224.0	222.0	219.5	216.5	213.2	209.8
-72.5°	186.7	188.2	188.5	188.2	188.5	188.2	186.7	184.8	182.5	179.9	177.2
-75°	151.0	151.4	151.5	151.2	151.5	151.4	151.0	150.1	148.7	146.9	144.7
-77.5°	116.9	117.7	118.1	118.3	118.1	117.7	116.9	115.8	114.5	113.1	112.2
-80°	85.0	85.0	84.8	84.3	84.8	85.0	85.0	84.8	84.4	83.8	83.3
-82.5°	59.2	59.3	59.5	59.6	59.5	59.3	59.2	59.0	58.7	58.2	58.0
-85°	34.1	33.7	34.4	35.0	34.4	33.7	34.1	34.3	34.4	34.5	34.2
-87.5°	12.5	12.3	12.8	13.4	12.8	12.3	12.5	12.7	12.8	12.9	13.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558702 (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°	13.1	13.1	13.1	13.5	13.8	14.1	14.3	13.9	13.4	12.9	12.4
85°	33.8	33.3	32.8	32.3	31.7	31.2	30.6	30.2	29.5	28.7	27.7
82.5°	57.6	57.0	56.2	54.8	53.2	51.5	49.8	49.0	48.0	46.8	45.5
80°	82.5	81.6	80.5	79.0	77.1	74.8	72.4	70.6	68.4	66.3	64.7
77.5°	110.9	109.3	107.5	105.5	103.2	100.6	97.9	95.5	92.9	89.9	87.3
75°	142.2	139.5	136.8	134.3	131.3	128.1	125.0	122.2	118.9	114.9	111.8
72.5°	174.1	170.5	166.8	163.4	159.7	155.7	152.4	149.6	145.9	141.2	138.1
70°	205.9	201.6	197.2	192.6	187.7	182.6	179.6	176.9	173.4	168.8	166.0
67.5°	237.7	232.7	227.9	222.8	217.1	210.8	207.5	204.1	200.1	195.4	194.1
65°	268.7	263.3	258.8	253.4	247.1	240.3	237.4	233.6	228.7	223.6	222.8
62.5°	298.8	292.4	288.1	283.0	276.8	271.1	268.3	264.0	258.4	254.6	254.1
60°	329.3	323.7	319.0	313.2	306.4	302.1	299.6	295.2	288.8	287.3	286.6
57.5°	358.3	353.4	349.1	343.5	336.7	334.6	332.2	327.5	321.0	321.9	320.4
55°	385.7	382.0	378.5	373.3	367.1	367.7	365.8	361.3	357.4	358.6	356.7
52.5°	413.9	412.3	409.1	403.5	400.8	402.4	400.2	395.8	396.5	397.8	394.9
50°	447.0	446.1	442.8	437.3	438.8	440.2	438.4	432.9	438.2	439.4	435.5
47.5°	484.2	484.1	479.9	475.0	481.0	482.1	479.9	480.3	484.9	483.6	478.8
45°	527.4	527.8	523.6	524.2	528.4	529.3	525.1	533.0	535.9	533.2	524.6
42.5°	579.8	579.1	574.3	581.8	584.2	582.9	584.3	592.5	592.6	586.7	587.1
40°	645.5	641.7	642.8	649.8	650.9	643.6	656.8	660.0	657.1	646.0	661.5
37.5°	729.0	721.9	730.8	732.9	729.6	733.6	743.0	741.1	728.6	739.5	749.2
35°	834.7	832.2	840.7	838.0	825.1	846.4	849.2	835.8	831.3	851.3	850.2
32.5°	966.7	980.7	979.2	967.1	975.1	979.7	973.4	950.9	979.6	987.3	969.7
30°	1163.6	1170.4	1155.4	1147.9	1161.9	1146.2	1114.0	1146.8	1159.2	1143.7	1104.8
27.5°	1431.9	1412.0	1384.6	1402.1	1385.8	1348.1	1359.6	1376.2	1361.7	1324.2	1280.0
25°	1773.3	1717.2	1731.1	1719.1	1665.0	1654.9	1671.7	1652.9	1600.6	1544.4	1606.2
22.5°	2202.2	2181.5	2158.8	2090.8	2074.3	2079.1	2038.5	1962.8	1916.8	1975.7	1977.6
20°	2778.7	2742.8	2664.7	2635.6	2620.9	2550.6	2448.5	2438.2	2486.5	2461.7	2387.0
17.5°	3470.4	3376.2	3359.9	3314.4	3227.8	3090.0	3142.2	3160.3	3114.3	2985.7	2828.9
15°	4216.1	4270.2	4223.2	4083.7	4001.1	4063.4	4032.9	3932.3	3792.7	3557.3	3290.6
12.5°	5440.0	5360.6	5162.2	5235.1	5214.5	5139.0	4984.9	4763.5	4473.7	4092.5	3708.3
10°	6860.4	6803.0	6745.3	6649.5	6491.8	6267.6	5893.2	5477.3	5044.4	4594.8	4128.1
7.5°	8711.3	8556.4	8359.1	8007.2	7567.2	7113.7	6639.0	6142.8	5614.1	5089.4	4544.1
5°	10395.2	9939.9	9475.2	8992.3	8459.0	7916.3	7368.6	6796.7	6173.8	5569.6	4947.5
2.5°	11456.7	10982.8	10470.8	9912.8	9226.3	8533.3	7840.5	7147.9	6406.3	5707.8	5009.7
0°	11928.7	11376.5	10744.1	10115.7	9430.9	8708.0	7932.6	7222.0	6463.1	5752.5	5045.0
-2.5°	11456.7	10982.8	10470.8	9912.8	9226.3	8533.3	7840.5	7147.9	6406.3	5707.8	5009.7
-5°	10395.2	9939.9	9475.2	8992.3	8459.0	7916.3	7368.6	6796.7	6173.8	5569.6	4947.5
-7.5°	8711.3	8556.4	8359.1	8007.2	7567.2	7113.7	6639.0	6142.8	5614.1	5089.4	4544.1
-10°	6860.4	6803.0	6745.3	6649.5	6491.8	6267.6	5893.2	5477.3	5044.4	4594.8	4128.1
-12.5°	5440.0	5360.6	5162.2	5235.1	5214.5	5139.0	4984.9	4763.5	4473.7	4092.5	3708.3
-15°	4216.1	4270.2	4223.2	4083.7	4001.1	4063.4	4032.9	3932.3	3792.7	3557.3	3290.6
-17.5°	3470.4	3376.2	3359.9	3314.4	3227.8	3090.0	3142.2	3160.3	3114.3	2985.7	2828.9
-20°	2778.7	2742.8	2664.7	2635.6	2620.9	2550.6	2448.5	2438.2	2486.5	2461.7	2387.0



REPORT NUMBER: P558702 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2202.2	2181.5	2158.8	2090.8	2074.3	2079.1	2038.5	1962.8	1916.8	1975.7	1977.6
-25°	1773.3	1717.2	1731.1	1719.1	1665.0	1654.9	1671.7	1652.9	1600.6	1544.4	1606.2
-27.5°	1431.9	1412.0	1384.6	1402.1	1385.8	1348.1	1359.6	1376.2	1361.7	1324.2	1280.0
-30°	1163.6	1170.4	1155.4	1147.9	1161.9	1146.2	1114.0	1146.8	1159.2	1143.7	1104.8
-32.5°	966.7	980.7	979.2	967.1	975.1	979.7	973.4	950.9	979.6	987.3	969.7
-35°	834.7	832.2	840.7	838.0	825.1	846.4	849.2	835.8	831.3	851.3	850.2
-37.5°	729.0	721.9	730.8	732.9	729.6	733.6	743.0	741.1	728.6	739.5	749.2
-40°	645.5	641.7	642.8	649.8	650.9	643.6	656.8	660.0	657.1	646.0	661.5
-42.5°	579.8	579.1	574.3	581.8	584.2	582.9	584.3	592.5	592.6	586.7	587.1
-45°	527.4	527.8	523.6	524.2	528.4	529.3	525.1	533.0	535.9	533.2	524.6
-47.5°	484.2	484.1	479.9	475.0	481.0	482.1	479.9	480.3	484.9	483.6	478.8
-50°	447.0	446.1	442.8	437.3	438.8	440.2	438.4	432.9	438.2	439.4	435.5
-52.5°	413.9	412.3	409.1	403.5	400.8	402.4	400.2	395.8	396.5	397.8	394.9
-55°	385.7	382.0	378.5	373.3	367.1	367.7	365.8	361.3	357.4	358.6	356.7
-57.5°	358.3	353.4	349.1	343.5	336.7	334.6	332.2	327.5	321.0	321.9	320.4
-60°	329.3	323.7	319.0	313.2	306.4	302.1	299.6	295.2	288.8	287.3	286.6
-62.5°	298.8	292.4	288.1	283.0	276.8	271.1	268.3	264.0	258.4	254.6	254.1
-65°	268.7	263.3	258.8	253.4	247.1	240.3	237.4	233.6	228.7	223.6	222.8
-67.5°	237.7	232.7	227.9	222.8	217.1	210.8	207.5	204.1	200.1	195.4	194.1
-70°	205.9	201.6	197.2	192.6	187.7	182.6	179.6	176.9	173.4	168.8	166.0
-72.5°	174.1	170.5	166.8	163.4	159.7	155.7	152.4	149.6	145.9	141.2	138.1
-75°	142.2	139.5	136.8	134.3	131.3	128.1	125.0	122.2	118.9	114.9	111.8
-77.5°	110.9	109.3	107.5	105.5	103.2	100.6	97.9	95.5	92.9	89.9	87.3
-80°	82.5	81.6	80.5	79.0	77.1	74.8	72.4	70.6	68.4	66.3	64.7
-82.5°	57.6	57.0	56.2	54.8	53.2	51.5	49.8	49.0	48.0	46.8	45.5
-85°	33.8	33.3	32.8	32.3	31.7	31.2	30.6	30.2	29.5	28.7	27.7
-87.5°	13.1	13.1	13.1	13.5	13.8	14.1	14.3	13.9	13.4	12.9	12.4
-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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 CATALOG NUMBER: GFLD-SA2D-935-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°	12.0	11.6	11.1	10.6	10.1	9.5	8.9	8.2	7.7	7.0	6.3
85°	26.8	25.6	24.3	22.7	21.0	19.0	17.8	16.5	15.3	14.1	12.7
82.5°	44.3	42.9	41.2	39.3	37.7	35.5	32.7	29.4	25.6	21.5	19.0
80°	64.1	62.9	60.8	58.0	55.3	52.0	48.9	45.0	40.3	35.0	29.2
77.5°	86.2	84.3	81.7	78.8	75.2	71.1	66.4	61.0	54.9	48.5	41.4
75°	110.1	107.9	105.0	101.0	95.9	90.2	84.4	78.0	70.7	62.1	53.6
72.5°	136.1	133.1	129.0	123.7	117.8	110.9	103.2	95.1	86.9	77.3	66.1
70°	163.2	159.2	154.3	148.7	141.1	131.9	123.0	113.9	103.2	92.4	80.0
67.5°	191.2	186.7	180.7	174.4	166.4	156.1	143.4	133.2	121.8	107.7	93.9
65°	220.3	215.3	208.0	201.6	192.5	181.1	167.6	153.9	140.5	125.2	107.7
62.5°	250.9	245.2	238.3	230.0	219.7	207.2	192.2	177.6	160.1	142.9	123.2
60°	283.3	277.1	270.0	261.1	248.6	233.7	218.4	201.4	182.3	160.6	139.4
57.5°	316.7	310.0	304.0	293.7	279.7	262.3	245.7	227.1	204.6	180.5	155.5
55°	351.4	345.1	339.7	328.7	312.4	292.7	275.5	254.3	227.7	200.9	171.6
52.5°	388.4	384.0	377.6	365.2	347.3	326.4	309.2	282.3	253.9	221.2	189.7
50°	427.5	427.3	418.9	404.0	383.5	366.2	344.7	315.5	280.5	242.6	208.1
47.5°	475.7	475.0	465.0	445.7	422.2	409.1	384.8	350.4	307.5	267.1	226.6
45°	530.4	526.7	514.5	492.8	471.9	457.8	428.1	386.6	340.5	292.2	245.1
42.5°	591.2	584.6	567.6	542.3	533.9	511.7	473.7	427.8	374.3	317.2	265.6
40°	662.3	648.4	625.0	612.2	603.4	570.0	526.4	471.1	408.7	344.0	287.3
37.5°	741.0	720.7	689.4	699.0	680.6	639.4	582.8	515.9	444.8	374.4	308.7
35°	833.1	801.2	801.9	800.5	769.2	713.6	642.1	564.4	484.7	404.6	329.8
32.5°	933.8	925.5	939.7	916.7	866.1	792.4	708.5	617.8	525.2	434.6	350.6
30°	1076.8	1111.0	1095.8	1044.5	973.1	882.7	779.7	672.4	566.0	464.3	371.9
27.5°	1323.3	1322.1	1271.6	1192.1	1093.1	978.6	851.8	728.0	607.0	495.4	396.1
25°	1601.6	1561.7	1475.0	1354.6	1220.4	1074.5	925.0	784.4	651.6	528.9	419.6
22.5°	1919.4	1822.7	1695.4	1527.6	1346.4	1173.1	1003.1	846.0	697.7	561.8	442.3
20°	2263.1	2101.0	1926.0	1697.2	1482.2	1280.6	1085.6	907.2	743.2	593.8	464.0
17.5°	2631.1	2388.3	2145.7	1881.0	1624.9	1388.9	1168.1	967.3	787.7	624.8	484.7
15°	2987.7	2675.5	2371.9	2066.0	1768.1	1497.0	1249.5	1025.9	830.7	654.4	501.0
12.5°	3339.2	2966.6	2601.2	2250.1	1910.2	1603.6	1329.0	1082.4	872.0	675.7	511.5
10°	3690.1	3257.7	2830.3	2431.0	2049.4	1707.4	1405.7	1126.6	891.5	689.3	520.3
7.5°	4035.7	3544.3	3055.6	2606.2	2169.3	1775.3	1438.4	1146.5	904.3	700.2	527.3
5°	4317.7	3731.3	3158.1	2658.2	2203.0	1802.2	1458.7	1162.0	913.1	708.5	532.3
2.5°	4355.7	3762.0	3173.3	2678.7	2225.4	1820.7	1472.1	1172.8	918.1	714.1	535.5
0°	4370.4	3771.9	3171.4	2685.0	2236.6	1830.4	1478.7	1178.5	919.3	716.8	536.8
-2.5°	4355.7	3762.0	3173.3	2678.7	2225.4	1820.7	1472.1	1172.8	918.1	714.1	535.5
-5°	4317.7	3731.3	3158.1	2658.2	2203.0	1802.2	1458.7	1162.0	913.1	708.5	532.3
-7.5°	4035.7	3544.3	3055.6	2606.2	2169.3	1775.3	1438.4	1146.5	904.3	700.2	527.3
-10°	3690.1	3257.7	2830.3	2431.0	2049.4	1707.4	1405.7	1126.6	891.5	689.3	520.3
-12.5°	3339.2	2966.6	2601.2	2250.1	1910.2	1603.6	1329.0	1082.4	872.0	675.7	511.5
-15°	2987.7	2675.5	2371.9	2066.0	1768.1	1497.0	1249.5	1025.9	830.7	654.4	501.0
-17.5°	2631.1	2388.3	2145.7	1881.0	1624.9	1388.9	1168.1	967.3	787.7	624.8	484.7
-20°	2263.1	2101.0	1926.0	1697.2	1482.2	1280.6	1085.6	907.2	743.2	593.8	464.0



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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°	1919.4	1822.7	1695.4	1527.6	1346.4	1173.1	1003.1	846.0	697.7	561.8	442.3
-25°	1601.6	1561.7	1475.0	1354.6	1220.4	1074.5	925.0	784.4	651.6	528.9	419.6
-27.5°	1323.3	1322.1	1271.6	1192.1	1093.1	978.6	851.8	728.0	607.0	495.4	396.1
-30°	1076.8	1111.0	1095.8	1044.5	973.1	882.7	779.7	672.4	566.0	464.3	371.9
-32.5°	933.8	925.5	939.7	916.7	866.1	792.4	708.5	617.8	525.2	434.6	350.6
-35°	833.1	801.2	801.9	800.5	769.2	713.6	642.1	564.4	484.7	404.6	329.8
-37.5°	741.0	720.7	689.4	699.0	680.6	639.4	582.8	515.9	444.8	374.4	308.7
-40°	662.3	648.4	625.0	612.2	603.4	570.0	526.4	471.1	408.7	344.0	287.3
-42.5°	591.2	584.6	567.6	542.3	533.9	511.7	473.7	427.8	374.3	317.2	265.6
-45°	530.4	526.7	514.5	492.8	471.9	457.8	428.1	386.6	340.5	292.2	245.1
-47.5°	475.7	475.0	465.0	445.7	422.2	409.1	384.8	350.4	307.5	267.1	226.6
-50°	427.5	427.3	418.9	404.0	383.5	366.2	344.7	315.5	280.5	242.6	208.1
-52.5°	388.4	384.0	377.6	365.2	347.3	326.4	309.2	282.3	253.9	221.2	189.7
-55°	351.4	345.1	339.7	328.7	312.4	292.7	275.5	254.3	227.7	200.9	171.6
-57.5°	316.7	310.0	304.0	293.7	279.7	262.3	245.7	227.1	204.6	180.5	155.5
-60°	283.3	277.1	270.0	261.1	248.6	233.7	218.4	201.4	182.3	160.6	139.4
-62.5°	250.9	245.2	238.3	230.0	219.7	207.2	192.2	177.6	160.1	142.9	123.2
-65°	220.3	215.3	208.0	201.6	192.5	181.1	167.6	153.9	140.5	125.2	107.7
-67.5°	191.2	186.7	180.7	174.4	166.4	156.1	143.4	133.2	121.8	107.7	93.9
-70°	163.2	159.2	154.3	148.7	141.1	131.9	123.0	113.9	103.2	92.4	80.0
-72.5°	136.1	133.1	129.0	123.7	117.8	110.9	103.2	95.1	86.9	77.3	66.1
-75°	110.1	107.9	105.0	101.0	95.9	90.2	84.4	78.0	70.7	62.1	53.6
-77.5°	86.2	84.3	81.7	78.8	75.2	71.1	66.4	61.0	54.9	48.5	41.4
-80°	64.1	62.9	60.8	58.0	55.3	52.0	48.9	45.0	40.3	35.0	29.2
-82.5°	44.3	42.9	41.2	39.3	37.7	35.5	32.7	29.4	25.6	21.5	19.0
-85°	26.8	25.6	24.3	22.7	21.0	19.0	17.8	16.5	15.3	14.1	12.7
-87.5°	12.0	11.6	11.1	10.6	10.1	9.5	8.9	8.2	7.7	7.0	6.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	5.6	5.0	4.2	3.3	2.3	1.2	0.0
85°	11.2	9.9	8.4	6.6	4.6	2.3	0.0
82.5°	16.8	14.8	12.6	9.9	7.0	3.5	0.0
80°	23.0	19.8	16.7	13.2	9.3	4.6	0.0
77.5°	33.8	26.3	20.9	16.5	11.5	5.8	0.0
75°	44.6	35.6	25.7	19.8	13.8	6.9	0.0
72.5°	55.4	44.9	33.4	23.0	16.0	8.0	0.0
70°	66.4	54.1	41.0	26.8	18.2	9.1	0.0
67.5°	78.8	63.3	48.5	32.6	20.4	10.2	0.0
65°	91.3	73.2	56.0	38.3	22.5	11.3	0.0
62.5°	103.6	83.9	63.3	44.0	24.6	12.3	0.0
60°	116.0	94.4	70.6	49.5	26.7	13.3	0.0
57.5°	129.9	104.9	79.1	55.0	30.3	14.3	0.0
55°	144.0	115.3	87.6	60.3	33.9	15.3	0.0
52.5°	157.8	125.7	95.9	65.6	37.3	16.3	0.0
50°	171.5	137.2	104.1	70.7	40.7	17.2	0.0
47.5°	185.3	148.5	112.1	75.9	43.9	18.0	0.0
45°	201.3	159.4	119.9	81.8	47.1	18.9	0.0
42.5°	217.1	170.2	127.5	87.4	50.1	19.7	0.0
40°	232.8	180.6	135.3	92.8	53.0	20.5	0.0
37.5°	248.3	190.7	143.3	97.7	55.8	21.2	0.0
35°	263.6	202.1	151.0	102.3	58.4	21.9	0.0
32.5°	279.2	214.1	158.3	106.7	60.9	22.5	0.0
30°	295.9	225.7	165.4	110.6	63.2	23.1	0.0
27.5°	312.1	236.9	171.2	114.3	65.4	23.7	0.0
25°	327.6	247.6	176.6	117.7	67.5	24.2	0.0
22.5°	342.4	257.1	181.6	120.7	69.3	24.7	0.0
20°	356.6	264.4	186.1	123.3	71.0	25.1	0.0
17.5°	367.2	270.8	190.3	125.7	72.6	25.5	0.0
15°	375.1	276.3	193.9	127.7	73.9	25.8	0.0
12.5°	381.9	280.9	197.2	129.3	75.1	26.1	0.0
10°	387.5	284.7	199.9	130.7	76.1	26.3	0.0
7.5°	392.0	287.6	202.2	131.7	76.9	26.5	0.0
5°	395.2	289.6	203.9	132.3	77.5	26.6	0.0
2.5°	397.2	290.7	205.1	132.7	78.0	26.7	0.0
0°	398.0	291.0	205.7	132.7	78.2	26.7	0.0
-2.5°	397.2	290.7	205.1	132.7	78.0	26.7	0.0
-5°	395.2	289.6	203.9	132.3	77.5	26.6	0.0
-7.5°	392.0	287.6	202.2	131.7	76.9	26.5	0.0
-10°	387.5	284.7	199.9	130.7	76.1	26.3	0.0
-12.5°	381.9	280.9	197.2	129.3	75.1	26.1	0.0
-15°	375.1	276.3	193.9	127.7	73.9	25.8	0.0
-17.5°	367.2	270.8	190.3	125.7	72.6	25.5	0.0
-20°	356.6	264.4	186.1	123.3	71.0	25.1	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	342.4	257.1	181.6	120.7	69.3	24.7	0.0
-25°	327.6	247.6	176.6	117.7	67.5	24.2	0.0
-27.5°	312.1	236.9	171.2	114.3	65.4	23.7	0.0
-30°	295.9	225.7	165.4	110.6	63.2	23.1	0.0
-32.5°	279.2	214.1	158.3	106.7	60.9	22.5	0.0
-35°	263.6	202.1	151.0	102.3	58.4	21.9	0.0
-37.5°	248.3	190.7	143.3	97.7	55.8	21.2	0.0
-40°	232.8	180.6	135.3	92.8	53.0	20.5	0.0
-42.5°	217.1	170.2	127.5	87.4	50.1	19.7	0.0
-45°	201.3	159.4	119.9	81.8	47.1	18.9	0.0
-47.5°	185.3	148.5	112.1	75.9	43.9	18.0	0.0
-50°	171.5	137.2	104.1	70.7	40.7	17.2	0.0
-52.5°	157.8	125.7	95.9	65.6	37.3	16.3	0.0
-55°	144.0	115.3	87.6	60.3	33.9	15.3	0.0
-57.5°	129.9	104.9	79.1	55.0	30.3	14.3	0.0
-60°	116.0	94.4	70.6	49.5	26.7	13.3	0.0
-62.5°	103.6	83.9	63.3	44.0	24.6	12.3	0.0
-65°	91.3	73.2	56.0	38.3	22.5	11.3	0.0
-67.5°	78.8	63.3	48.5	32.6	20.4	10.2	0.0
-70°	66.4	54.1	41.0	26.8	18.2	9.1	0.0
-72.5°	55.4	44.9	33.4	23.0	16.0	8.0	0.0
-75°	44.6	35.6	25.7	19.8	13.8	6.9	0.0
-77.5°	33.8	26.3	20.9	16.5	11.5	5.8	0.0
-80°	23.0	19.8	16.7	13.2	9.3	4.6	0.0
-82.5°	16.8	14.8	12.6	9.9	7.0	3.5	0.0
-85°	11.2	9.9	8.4	6.6	4.6	2.3	0.0
-87.5°	5.6	5.0	4.2	3.3	2.3	1.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)