

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: P559213 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-935-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559213 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA6D-935-U-MWR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (96) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

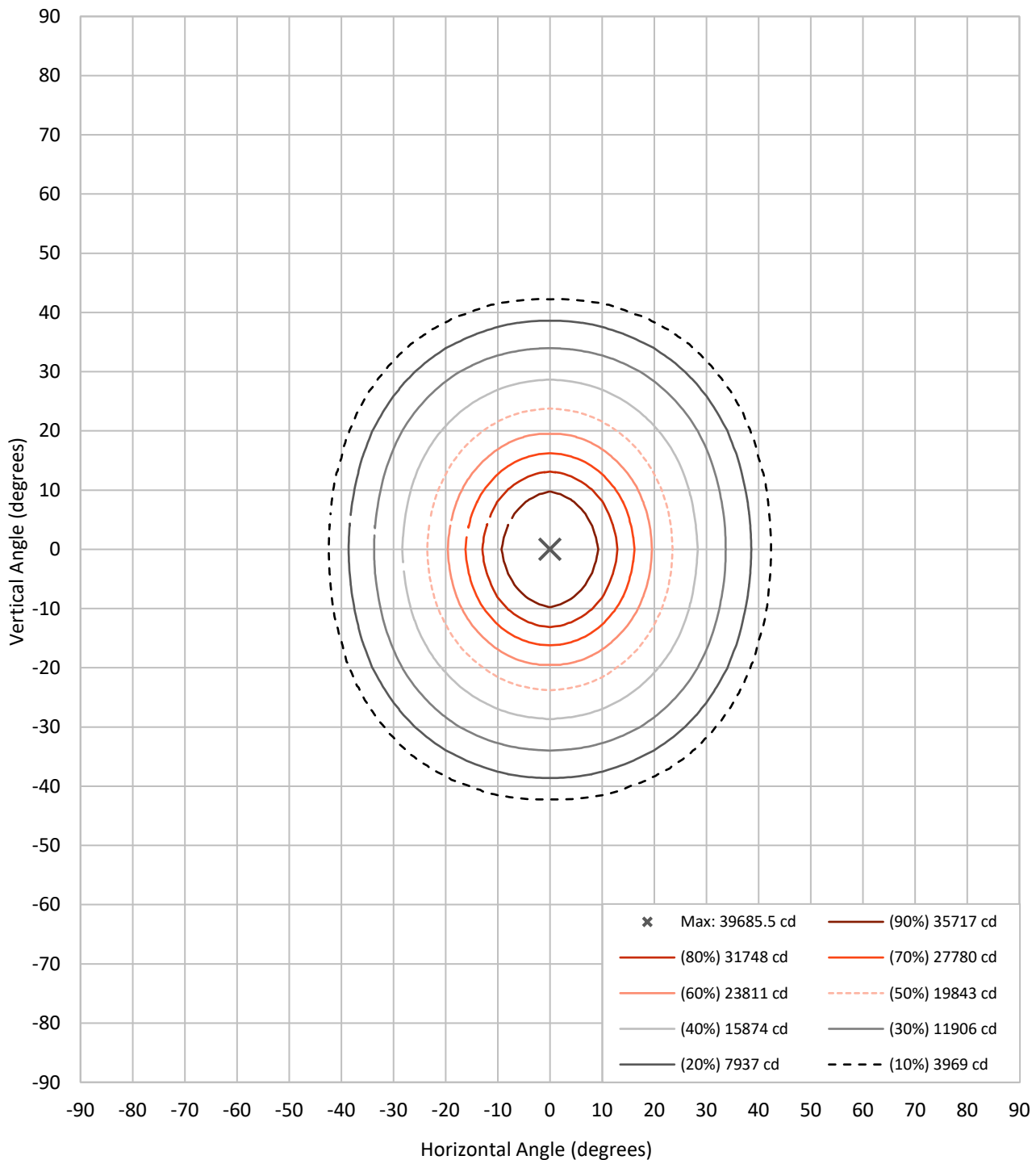
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	30893 lumens	Max Intensity:	39685.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	96.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	14577.4 lumens	Field Lumens:	28050.8 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 319
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P559213 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





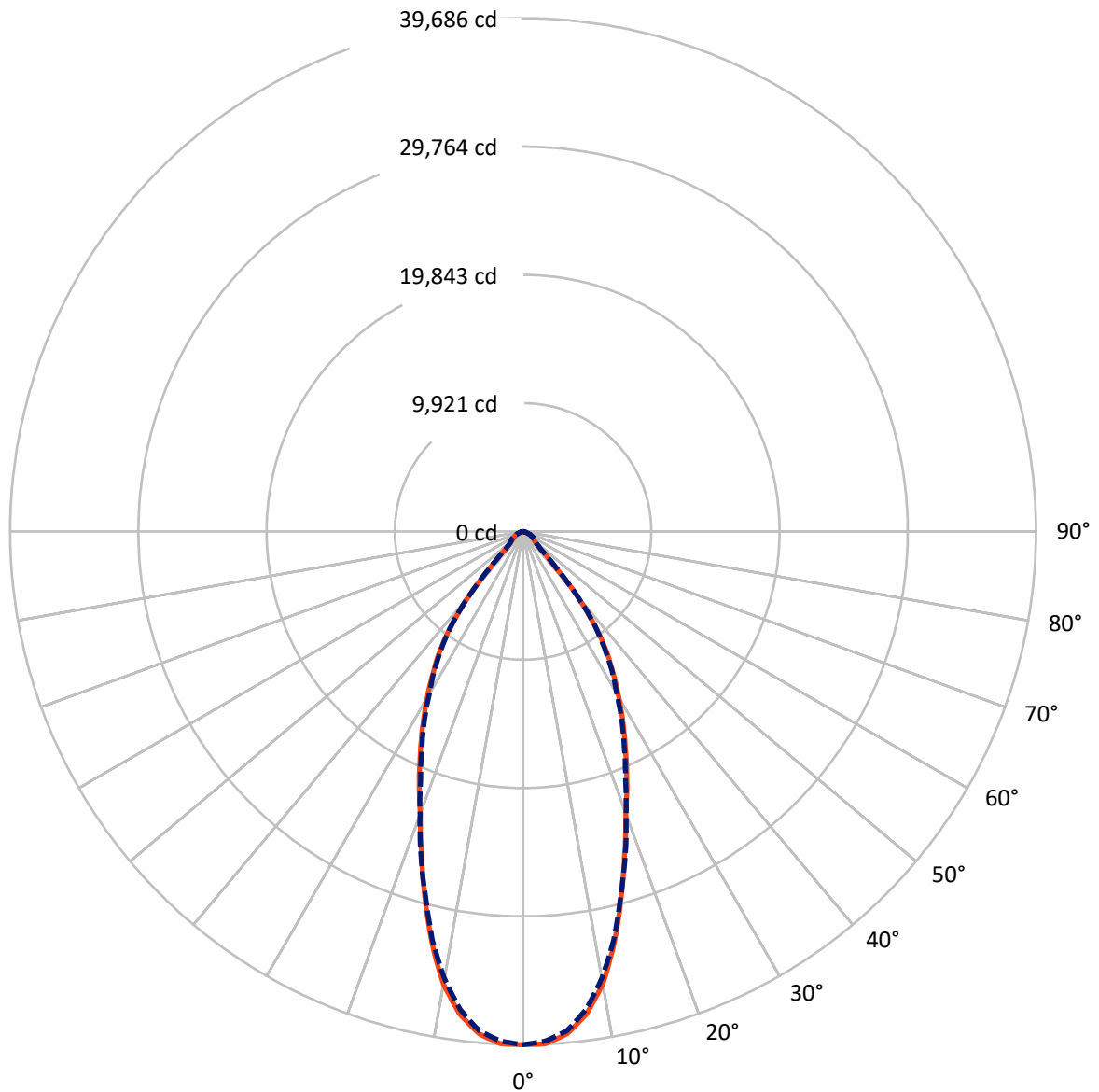
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Lumen Table

90																			
80	0.5	3.8		8.5		13.9		10.8		13.9		8.5		3.8		0.5			
70																			
60	2.2	2.5	4.5	7.0	9.8	12.3	14.2	15.3	15.3	14.2	12.3	9.8	7.0	4.5	2.5	2.2			
50		3.7	7.4	12.4	17.8	22.2	25.3	27.9	27.9	25.3	22.2	17.8	12.4	7.4	3.7				
40	3.3	4.9	10.3	17.4	25.3	34.6	54.9	76.9	76.9	54.9	34.6	25.3	17.4	10.3	4.9	3.3			
30		6.0	12.9	21.7	40.7	130.2	253.5	323.0	323.0	253.5	130.2	40.7	21.7	12.9	6.0				
20	3.6	7.0	15.1	27.1	119.0	311.0	458.9	555.7	555.7	458.9	311.0	119.0	27.1	15.1	7.0	3.6			
10		7.8	16.8	41.6	216.4	429.3	652.2	849.0	849.0	652.2	429.3	216.4	41.6	16.8	7.8				
0	3.8	8.3	18.2	57.4	263.7	500.9	820.4	1109.6	1109.6	820.4	500.9	263.7	57.4	18.2	8.3	3.8			
-10		8.3	18.2	57.4	263.7	500.9	820.4	1109.6	1109.6	820.4	500.9	263.7	57.4	18.2	8.3				
-20	3.6	7.8	16.8	41.6	216.4	429.3	652.2	849.0	849.0	652.2	429.3	216.4	41.6	16.8	7.8	3.6			
-30		7.0	15.1	27.1	119.0	311.0	458.9	555.7	555.7	458.9	311.0	119.0	27.1	15.1	7.0				
-40	3.3	6.0	12.9	21.7	40.7	130.2	253.5	323.0	323.0	253.5	130.2	40.7	21.7	12.9	6.0	3.3			
-50		4.9	10.3	17.4	25.3	34.6	54.9	76.9	76.9	54.9	34.6	25.3	17.4	10.3	4.9				
-60	2.2	3.7	7.4	12.4	17.8	22.2	25.3	27.9	27.9	25.3	22.2	17.8	12.4	7.4	3.7	2.2			
-70		2.5	4.5	7.0	9.8	12.3	14.2	15.3	15.3	14.2	12.3	9.8	7.0	4.5	2.5				
-80																			
-90	0.5	3.8		8.5		13.9		10.8		13.9		8.5		3.8		0.5			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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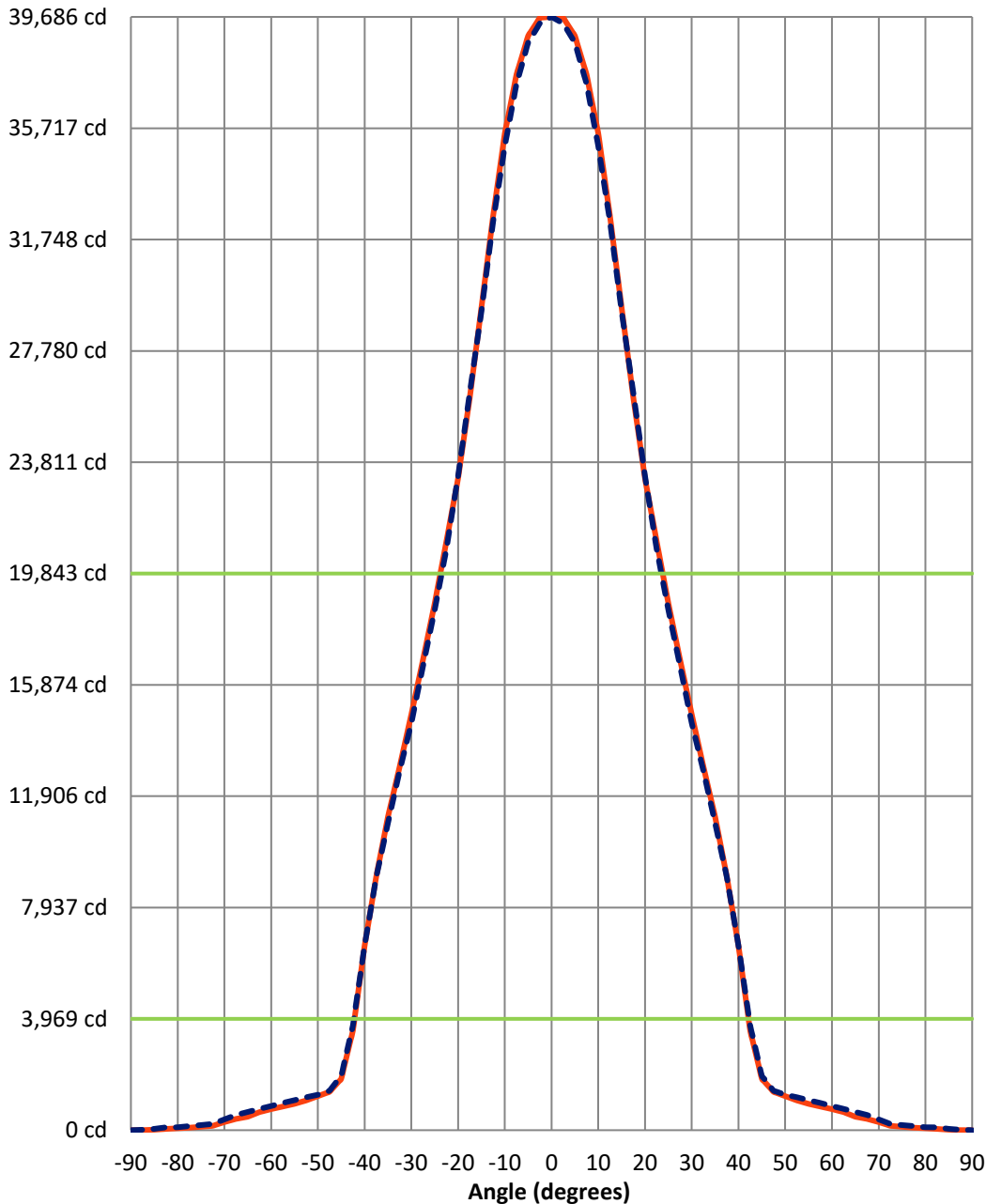
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 47°
 V Angle: 47.6°
 Lumens: 14577.4
 Efficiency: 47.2%

Field:
 H Angle: 84.6°
 V Angle: 84.3°
 Lumens: 28050.8
 Efficiency: 90.8%

Spill:
 Lumens: 2842.2
 Efficiency: 9.2%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.6	1.3	2.1	3.1	4.2	5.4	6.1	6.6	7.1	7.6
85°	0.0	1.3	2.6	4.3	6.2	8.4	10.8	12.1	13.3	14.3	15.1
82.5°	0.0	1.9	3.9	6.4	9.3	12.5	16.1	18.2	20.5	24.5	27.5
80°	0.0	2.6	5.2	8.5	12.3	16.6	22.3	29.5	35.3	39.6	42.7
77.5°	0.0	3.2	6.4	10.6	15.3	22.7	34.9	43.6	50.1	54.9	59.3
75°	0.0	3.9	7.7	12.6	19.0	32.3	47.4	57.8	65.4	73.7	79.9
72.5°	0.0	4.5	9.0	14.6	26.0	41.7	59.5	72.9	84.5	93.7	100.7
70°	0.0	5.1	10.2	17.0	32.8	50.9	71.6	90.6	103.6	114.1	130.5
67.5°	0.0	5.7	11.4	21.7	39.5	59.8	85.7	108.4	122.8	139.8	161.3
65°	0.0	6.3	12.6	26.2	45.9	69.4	99.3	126.1	143.0	164.4	190.3
62.5°	0.0	6.9	13.7	30.5	52.1	79.5	112.2	142.2	162.2	188.1	217.2
60°	0.0	7.4	14.9	34.7	58.0	89.1	124.5	156.8	180.4	212.2	243.7
57.5°	0.0	8.0	17.5	38.6	64.8	98.1	132.9	169.7	200.8	235.9	266.8
55°	0.0	8.5	20.0	42.4	71.2	106.7	140.0	179.2	221.5	258.2	288.1
52.5°	0.0	9.1	22.5	46.0	77.3	114.0	146.0	192.1	241.8	277.1	309.0
50°	0.0	9.6	24.9	49.4	82.9	117.7	151.0	204.1	260.6	295.6	332.1
47.5°	0.0	10.1	27.1	52.8	88.2	120.6	155.6	214.6	276.7	313.6	354.7
45°	0.0	10.5	29.3	56.3	92.9	122.8	163.2	223.7	284.9	333.1	376.5
42.5°	0.0	11.0	31.4	59.5	97.2	124.2	169.6	230.0	291.2	351.8	398.6
40°	0.0	11.4	33.3	63.0	99.5	124.9	174.8	234.2	296.8	368.4	420.1
37.5°	0.0	11.8	35.2	66.5	99.8	124.9	178.8	237.2	302.9	376.4	440.7
35°	0.0	12.2	36.9	70.0	99.7	126.5	181.7	238.8	308.0	388.5	460.4
32.5°	0.0	12.6	38.5	73.3	99.1	128.5	183.1	239.2	312.2	403.1	478.5
30°	0.0	12.9	40.0	76.5	98.1	129.6	183.0	239.2	315.3	420.1	496.2
27.5°	0.0	13.2	41.3	79.6	99.2	130.0	181.9	240.8	321.5	439.3	513.5
25°	0.0	13.5	42.5	82.6	100.3	129.6	179.9	241.5	334.4	455.3	530.6
22.5°	0.0	13.8	43.6	85.4	101.3	129.9	177.0	241.2	347.9	468.5	551.5
20°	0.0	14.0	44.6	88.1	102.1	133.2	173.3	239.9	361.6	480.8	570.5
17.5°	0.0	14.2	45.4	90.5	102.7	136.2	173.5	237.6	375.2	492.3	587.5
15°	0.0	14.4	46.2	92.8	103.2	138.8	176.1	236.9	388.2	502.7	602.4
12.5°	0.0	14.5	46.7	94.8	103.6	141.0	178.2	237.9	397.2	511.9	615.2
10°	0.0	14.7	47.2	96.7	103.9	142.8	179.8	237.4	400.9	519.6	626.1
7.5°	0.0	14.8	47.5	98.2	104.1	144.2	181.0	235.5	401.2	527.1	635.3
5°	0.0	14.8	47.7	99.5	104.2	145.2	181.6	232.4	398.5	533.8	642.3
2.5°	0.0	14.9	47.8	100.6	104.3	145.8	181.9	228.3	392.8	539.1	647.0
0°	0.0	14.9	47.7	101.3	104.3	146.0	181.7	223.5	384.3	542.3	649.5
-2.5°	0.0	14.9	47.8	100.6	104.3	145.8	181.9	228.3	392.8	539.1	647.0
-5°	0.0	14.8	47.7	99.5	104.2	145.2	181.6	232.4	398.5	533.8	642.3
-7.5°	0.0	14.8	47.5	98.2	104.1	144.2	181.0	235.5	401.2	527.1	635.3
-10°	0.0	14.7	47.2	96.7	103.9	142.8	179.8	237.4	400.9	519.6	626.1
-12.5°	0.0	14.5	46.7	94.8	103.6	141.0	178.2	237.9	397.2	511.9	615.2
-15°	0.0	14.4	46.2	92.8	103.2	138.8	176.1	236.9	388.2	502.7	602.4
-17.5°	0.0	14.2	45.4	90.5	102.7	136.2	173.5	237.6	375.2	492.3	587.5
-20°	0.0	14.0	44.6	88.1	102.1	133.2	173.3	239.9	361.6	480.8	570.5



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 CATALOG NUMBER: GFLD-SA6D-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	13.8	43.6	85.4	101.3	129.9	177.0	241.2	347.9	468.5	551.5
-25°	0.0	13.5	42.5	82.6	100.3	129.6	179.9	241.5	334.4	455.3	530.6
-27.5°	0.0	13.2	41.3	79.6	99.2	130.0	181.9	240.8	321.5	439.3	513.5
-30°	0.0	12.9	40.0	76.5	98.1	129.6	183.0	239.2	315.3	420.1	496.2
-32.5°	0.0	12.6	38.5	73.3	99.1	128.5	183.1	239.2	312.2	403.1	478.5
-35°	0.0	12.2	36.9	70.0	99.7	126.5	181.7	238.8	308.0	388.5	460.4
-37.5°	0.0	11.8	35.2	66.5	99.8	124.9	178.8	237.2	302.9	376.4	440.7
-40°	0.0	11.4	33.3	63.0	99.5	124.9	174.8	234.2	296.8	368.4	420.1
-42.5°	0.0	11.0	31.4	59.5	97.2	124.2	169.6	230.0	291.2	351.8	398.6
-45°	0.0	10.5	29.3	56.3	92.9	122.8	163.2	223.7	284.9	333.1	376.5
-47.5°	0.0	10.1	27.1	52.8	88.2	120.6	155.6	214.6	276.7	313.6	354.7
-50°	0.0	9.6	24.9	49.4	82.9	117.7	151.0	204.1	260.6	295.6	332.1
-52.5°	0.0	9.1	22.5	46.0	77.3	114.0	146.0	192.1	241.8	277.1	309.0
-55°	0.0	8.5	20.0	42.4	71.2	106.7	140.0	179.2	221.5	258.2	288.1
-57.5°	0.0	8.0	17.5	38.6	64.8	98.1	132.9	169.7	200.8	235.9	266.8
-60°	0.0	7.4	14.9	34.7	58.0	89.1	124.5	156.8	180.4	212.2	243.7
-62.5°	0.0	6.9	13.7	30.5	52.1	79.5	112.2	142.2	162.2	188.1	217.2
-65°	0.0	6.3	12.6	26.2	45.9	69.4	99.3	126.1	143.0	164.4	190.3
-67.5°	0.0	5.7	11.4	21.7	39.5	59.8	85.7	108.4	122.8	139.8	161.3
-70°	0.0	5.1	10.2	17.0	32.8	50.9	71.6	90.6	103.6	114.1	130.5
-72.5°	0.0	4.5	9.0	14.6	26.0	41.7	59.5	72.9	84.5	93.7	100.7
-75°	0.0	3.9	7.7	12.6	19.0	32.3	47.4	57.8	65.4	73.7	79.9
-77.5°	0.0	3.2	6.4	10.6	15.3	22.7	34.9	43.6	50.1	54.9	59.3
-80°	0.0	2.6	5.2	8.5	12.3	16.6	22.3	29.5	35.3	39.6	42.7
-82.5°	0.0	1.9	3.9	6.4	9.3	12.5	16.1	18.2	20.5	24.5	27.5
-85°	0.0	1.3	2.6	4.3	6.2	8.4	10.8	12.1	13.3	14.3	15.1
-87.5°	0.0	0.6	1.3	2.1	3.1	4.2	5.4	6.1	6.6	7.1	7.6
-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):

	-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°	7.6	7.5	7.2	6.8	6.4	5.8	5.1	4.3	4.4	4.6	4.8
85°	15.2	14.9	16.1	17.2	17.6	17.5	17.0	16.0	18.3	21.0	23.8
82.5°	30.2	32.8	35.3	37.7	37.8	36.9	35.6	34.2	39.4	45.8	52.7
80°	46.6	50.6	56.4	62.4	64.0	63.5	61.5	58.2	65.4	76.0	88.0
77.5°	66.7	74.8	82.9	91.1	93.1	91.5	87.5	81.4	90.6	107.8	126.8
75°	88.5	98.8	111.7	121.8	124.0	120.5	114.5	109.2	120.4	141.6	162.0
72.5°	115.6	132.3	145.1	154.1	154.7	151.5	148.6	145.8	158.3	183.5	204.4
70°	150.2	167.0	176.9	182.4	183.6	185.7	194.1	202.1	214.5	236.1	253.3
67.5°	184.4	197.8	206.8	213.3	226.1	238.3	249.9	262.0	275.8	294.2	307.2
65°	215.0	228.7	240.6	256.0	274.7	289.4	305.1	322.0	341.1	358.3	370.8
62.5°	245.2	259.9	276.5	296.9	318.6	338.4	361.4	385.0	407.7	427.2	448.6
60°	270.0	289.6	311.9	336.5	362.6	392.8	420.4	447.6	472.5	496.9	526.9
57.5°	293.6	320.2	347.4	376.8	411.1	447.8	480.3	510.1	541.3	576.7	606.1
55°	318.3	351.7	383.0	418.6	459.5	503.7	539.3	572.8	611.4	653.8	686.9
52.5°	345.1	382.0	418.7	461.5	510.7	554.7	591.9	633.8	680.6	726.7	765.0
50°	371.0	411.8	454.3	508.7	557.6	599.6	645.7	696.4	745.1	792.4	837.8
47.5°	397.2	440.7	497.3	552.8	598.6	647.8	701.7	753.7	804.9	854.3	901.7
45°	422.8	474.4	537.3	590.0	641.0	697.5	753.1	807.6	861.5	914.0	965.8
42.5°	447.5	507.5	570.8	626.0	684.6	743.7	801.8	859.5	916.5	972.7	1027.9
40°	474.5	537.7	604.3	664.6	725.7	787.3	848.5	909.4	969.5	1029.0	1087.6
37.5°	499.4	569.0	638.4	701.5	764.4	828.8	893.0	957.6	1020.9	1082.9	1149.7
35°	521.7	600.7	670.7	736.8	802.7	868.1	936.1	1003.9	1070.7	1137.9	1223.1
32.5°	546.7	632.5	701.1	770.9	839.1	906.5	977.1	1048.9	1119.9	1198.5	1320.9
30°	574.9	659.1	730.1	803.4	873.3	944.1	1017.1	1092.0	1166.7	1289.0	1571.6
27.5°	602.3	683.6	758.2	833.2	905.2	978.7	1055.2	1132.7	1236.9	1424.8	1883.5
25°	627.6	707.1	784.6	860.5	934.9	1011.1	1090.1	1170.8	1312.1	1691.8	2705.0
22.5°	649.1	729.7	810.3	885.5	961.7	1040.4	1122.6	1229.6	1448.0	1961.3	3619.0
20°	667.3	751.3	833.7	911.9	986.8	1066.5	1152.1	1285.6	1654.6	2730.7	4714.3
17.5°	684.3	771.0	855.2	936.9	1015.6	1093.8	1181.6	1334.1	1840.6	3399.4	5815.6
15°	699.9	788.5	875.2	960.4	1041.9	1123.3	1228.1	1471.5	2216.7	4063.2	6796.6
12.5°	713.9	803.9	893.5	982.2	1065.5	1149.6	1269.9	1608.2	2677.4	4842.0	7466.2
10°	726.2	817.2	909.8	1001.9	1086.3	1172.7	1305.2	1720.4	3056.2	5482.5	8004.3
7.5°	737.6	829.9	924.9	1019.5	1104.3	1192.6	1334.1	1807.9	3348.7	5964.9	8433.6
5°	747.2	842.4	942.8	1038.7	1126.8	1214.2	1358.8	1870.8	3554.2	6289.9	8746.3
2.5°	754.6	852.9	958.4	1055.6	1151.7	1240.4	1387.2	1917.4	3686.8	6497.0	8946.4
0°	759.7	861.0	971.3	1069.6	1173.9	1263.3	1409.3	1939.6	3736.2	6572.5	9021.6
-2.5°	754.6	852.9	958.4	1055.6	1151.7	1240.4	1387.2	1917.4	3686.8	6497.0	8946.4
-5°	747.2	842.4	942.8	1038.7	1126.8	1214.2	1358.8	1870.8	3554.2	6289.9	8746.3
-7.5°	737.6	829.9	924.9	1019.5	1104.3	1192.6	1334.1	1807.9	3348.7	5964.9	8433.6
-10°	726.2	817.2	909.8	1001.9	1086.3	1172.7	1305.2	1720.4	3056.2	5482.5	8004.3
-12.5°	713.9	803.9	893.5	982.2	1065.5	1149.6	1269.9	1608.2	2677.4	4842.0	7466.2
-15°	699.9	788.5	875.2	960.4	1041.9	1123.3	1228.1	1471.5	2216.7	4063.2	6796.6
-17.5°	684.3	771.0	855.2	936.9	1015.6	1093.8	1181.6	1334.1	1840.6	3399.4	5815.6
-20°	667.3	751.3	833.7	911.9	986.8	1066.5	1152.1	1285.6	1654.6	2730.7	4714.3



REPORT NUMBER: P559213 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	649.1	729.7	810.3	885.5	961.7	1040.4	1122.6	1229.6	1448.0	1961.3	3619.0
-25°	627.6	707.1	784.6	860.5	934.9	1011.1	1090.1	1170.8	1312.1	1691.8	2705.0
-27.5°	602.3	683.6	758.2	833.2	905.2	978.7	1055.2	1132.7	1236.9	1424.8	1883.5
-30°	574.9	659.1	730.1	803.4	873.3	944.1	1017.1	1092.0	1166.7	1289.0	1571.6
-32.5°	546.7	632.5	701.1	770.9	839.1	906.5	977.1	1048.9	1119.9	1198.5	1320.9
-35°	521.7	600.7	670.7	736.8	802.7	868.1	936.1	1003.9	1070.7	1137.9	1223.1
-37.5°	499.4	569.0	638.4	701.5	764.4	828.8	893.0	957.6	1020.9	1082.9	1149.7
-40°	474.5	537.7	604.3	664.6	725.7	787.3	848.5	909.4	969.5	1029.0	1087.6
-42.5°	447.5	507.5	570.8	626.0	684.6	743.7	801.8	859.5	916.5	972.7	1027.9
-45°	422.8	474.4	537.3	590.0	641.0	697.5	753.1	807.6	861.5	914.0	965.8
-47.5°	397.2	440.7	497.3	552.8	598.6	647.8	701.7	753.7	804.9	854.3	901.7
-50°	371.0	411.8	454.3	508.7	557.6	599.6	645.7	696.4	745.1	792.4	837.8
-52.5°	345.1	382.0	418.7	461.5	510.7	554.7	591.9	633.8	680.6	726.7	765.0
-55°	318.3	351.7	383.0	418.6	459.5	503.7	539.3	572.8	611.4	653.8	686.9
-57.5°	293.6	320.2	347.4	376.8	411.1	447.8	480.3	510.1	541.3	576.7	606.1
-60°	270.0	289.6	311.9	336.5	362.6	392.8	420.4	447.6	472.5	496.9	526.9
-62.5°	245.2	259.9	276.5	296.9	318.6	338.4	361.4	385.0	407.7	427.2	448.6
-65°	215.0	228.7	240.6	256.0	274.7	289.4	305.1	322.0	341.1	358.3	370.8
-67.5°	184.4	197.8	206.8	213.3	226.1	238.3	249.9	262.0	275.8	294.2	307.2
-70°	150.2	167.0	176.9	182.4	183.6	185.7	194.1	202.1	214.5	236.1	253.3
-72.5°	115.6	132.3	145.1	154.1	154.7	151.5	148.6	145.8	158.3	183.5	204.4
-75°	88.5	98.8	111.7	121.8	124.0	120.5	114.5	109.2	120.4	141.6	162.0
-77.5°	66.7	74.8	82.9	91.1	93.1	91.5	87.5	81.4	90.6	107.8	126.8
-80°	46.6	50.6	56.4	62.4	64.0	63.5	61.5	58.2	65.4	76.0	88.0
-82.5°	30.2	32.8	35.3	37.7	37.8	36.9	35.6	34.2	39.4	45.8	52.7
-85°	15.2	14.9	16.1	17.2	17.6	17.5	17.0	16.0	18.3	21.0	23.8
-87.5°	7.6	7.5	7.2	6.8	6.4	5.8	5.1	4.3	4.4	4.6	4.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559213 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.1	4.4
85°	26.8	26.0	24.6	22.8	20.6	21.7	22.9	24.2	25.4	23.7	21.8
82.5°	60.0	60.9	60.9	60.7	60.4	63.0	65.5	67.7	69.6	64.3	58.1
80°	101.2	106.1	108.9	111.5	113.8	113.8	112.3	109.5	105.8	96.8	86.8
77.5°	146.4	153.9	157.7	161.6	165.5	166.8	167.7	168.7	169.8	154.0	134.0
75°	181.5	192.8	199.3	205.4	211.0	214.3	216.0	217.1	217.6	198.7	174.2
72.5°	221.4	232.5	240.3	247.9	254.9	259.4	262.1	264.1	265.5	248.9	225.6
70°	265.4	274.1	283.5	292.8	301.4	307.3	311.2	314.3	316.6	315.0	313.8
67.5°	317.4	325.1	336.5	345.4	354.4	360.9	367.5	372.8	376.8	381.2	386.1
65°	382.7	401.0	417.7	426.2	427.5	436.7	451.8	461.6	466.4	470.3	475.2
62.5°	473.3	495.7	507.6	521.8	540.2	557.3	563.8	572.7	583.2	595.9	610.4
60°	551.1	569.6	588.7	608.3	625.2	639.4	654.7	670.0	683.8	696.6	709.0
57.5°	630.6	650.8	670.2	693.3	709.4	718.9	733.9	752.2	766.3	777.3	793.9
55°	713.1	739.2	765.5	786.3	801.6	811.6	822.9	840.5	851.0	855.0	874.3
52.5°	795.9	826.8	859.4	883.8	899.9	914.9	928.8	944.3	954.9	960.0	978.9
50°	872.7	909.5	945.8	977.5	999.0	1024.0	1052.2	1066.2	1075.2	1085.2	1106.3
47.5°	945.7	986.9	1025.7	1061.6	1092.7	1120.7	1144.9	1168.4	1202.9	1230.4	1257.5
45°	1016.0	1059.8	1101.9	1142.2	1176.8	1231.7	1283.9	1328.3	1447.3	1547.2	1623.5
42.5°	1082.0	1135.0	1182.5	1249.6	1322.7	1449.4	1645.0	1826.3	2177.1	2628.6	3005.7
40°	1150.9	1219.7	1304.6	1435.4	1682.8	1937.1	2697.4	3374.9	4041.3	4799.2	5448.6
37.5°	1231.4	1334.9	1583.9	1879.4	2672.5	3549.9	4627.4	5685.2	6606.1	7394.2	8052.2
35°	1337.9	1657.9	2123.1	3199.6	4371.5	5810.0	7051.9	8046.6	8956.4	9686.7	10236.3
32.5°	1651.8	2237.3	3466.2	4946.8	6558.7	7948.4	9158.0	10110.5	10940.5	11594.9	12104.5
30°	2111.4	3457.1	5126.1	6899.3	8504.8	9831.8	10949.4	11857.3	12598.2	13264.1	13823.1
27.5°	3203.7	4935.3	6896.9	8705.6	10165.9	11408.3	12410.9	13310.2	14127.0	14828.2	15489.2
25°	4398.9	6542.6	8521.1	10167.2	11530.1	12695.6	13753.1	14736.8	15651.2	16471.9	17240.8
22.5°	5834.4	7972.2	9863.1	11386.6	12707.3	13904.6	15027.8	16122.6	17187.1	18188.6	19118.8
20°	7134.0	9232.1	10881.0	12402.5	13774.6	15022.3	16260.1	17536.1	18764.6	19971.0	21091.1
17.5°	8146.7	10098.6	11754.0	13296.3	14692.8	16105.8	17522.5	18988.0	20469.8	21870.7	23210.6
15°	8992.3	10821.4	12499.0	14041.1	15576.7	17135.7	18718.3	20444.8	22207.3	23884.1	25592.1
12.5°	9591.8	11424.6	13125.4	14672.7	16394.3	18086.6	19928.9	21896.6	23932.1	25885.3	27983.3
10°	10073.8	11905.8	13592.3	15260.7	17082.6	18959.1	21025.4	23192.7	25621.7	27934.5	30194.9
7.5°	10487.3	12307.2	13967.4	15740.1	17655.4	19717.8	21965.2	24415.5	27044.1	29617.6	32308.2
5°	10789.9	12580.9	14258.9	16133.2	18095.7	20272.2	22690.0	25308.2	28127.3	30947.1	33607.9
2.5°	10950.0	12737.0	14440.1	16377.1	18353.9	20608.1	23126.1	25901.3	28878.9	31955.8	34579.3
0°	10946.3	12802.5	14509.7	16541.6	18543.8	20709.8	23313.8	26281.2	29186.2	32383.1	35076.4
-2.5°	10950.0	12737.0	14440.1	16377.1	18353.9	20608.1	23126.1	25901.3	28878.9	31955.8	34579.3
-5°	10789.9	12580.9	14258.9	16133.2	18095.7	20272.2	22690.0	25308.2	28127.3	30947.1	33607.9
-7.5°	10487.3	12307.2	13967.4	15740.1	17655.4	19717.8	21965.2	24415.5	27044.1	29617.6	32308.2
-10°	10073.8	11905.8	13592.3	15260.7	17082.6	18959.1	21025.4	23192.7	25621.7	27934.5	30194.9
-12.5°	9591.8	11424.6	13125.4	14672.7	16394.3	18086.6	19928.9	21896.6	23932.1	25885.3	27983.3
-15°	8992.3	10821.4	12499.0	14041.1	15576.7	17135.7	18718.3	20444.8	22207.3	23884.1	25592.1
-17.5°	8146.7	10098.6	11754.0	13296.3	14692.8	16105.8	17522.5	18988.0	20469.8	21870.7	23210.6
-20°	7134.0	9232.1	10881.0	12402.5	13774.6	15022.3	16260.1	17536.1	18764.6	19971.0	21091.1



REPORT NUMBER: P559213 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5834.4	7972.2	9863.1	11386.6	12707.3	13904.6	15027.8	16122.6	17187.1	18188.6	19118.8
-25°	4398.9	6542.6	8521.1	10167.2	11530.1	12695.6	13753.1	14736.8	15651.2	16471.9	17240.8
-27.5°	3203.7	4935.3	6896.9	8705.6	10165.9	11408.3	12410.9	13310.2	14127.0	14828.2	15489.2
-30°	2111.4	3457.1	5126.1	6899.3	8504.8	9831.8	10949.4	11857.3	12598.2	13264.1	13823.1
-32.5°	1651.8	2237.3	3466.2	4946.8	6558.7	7948.4	9158.0	10110.5	10940.5	11594.9	12104.5
-35°	1337.9	1657.9	2123.1	3199.6	4371.5	5810.0	7051.9	8046.6	8956.4	9686.7	10236.3
-37.5°	1231.4	1334.9	1583.9	1879.4	2672.5	3549.9	4627.4	5685.2	6606.1	7394.2	8052.2
-40°	1150.9	1219.7	1304.6	1435.4	1682.8	1937.1	2697.4	3374.9	4041.3	4799.2	5448.6
-42.5°	1082.0	1135.0	1182.5	1249.6	1322.7	1449.4	1645.0	1826.3	2177.1	2628.6	3005.7
-45°	1016.0	1059.8	1101.9	1142.2	1176.8	1231.7	1283.9	1328.3	1447.3	1547.2	1623.5
-47.5°	945.7	986.9	1025.7	1061.6	1092.7	1120.7	1144.9	1168.4	1202.9	1230.4	1257.5
-50°	872.7	909.5	945.8	977.5	999.0	1024.0	1052.2	1066.2	1075.2	1085.2	1106.3
-52.5°	795.9	826.8	859.4	883.8	899.9	914.9	928.8	944.3	954.9	960.0	978.9
-55°	713.1	739.2	765.5	786.3	801.6	811.6	822.9	840.5	851.0	855.0	874.3
-57.5°	630.6	650.8	670.2	693.3	709.4	718.9	733.9	752.2	766.3	777.3	793.9
-60°	551.1	569.6	588.7	608.3	625.2	639.4	654.7	670.0	683.8	696.6	709.0
-62.5°	473.3	495.7	507.6	521.8	540.2	557.3	563.8	572.7	583.2	595.9	610.4
-65°	382.7	401.0	417.7	426.2	427.5	436.7	451.8	461.6	466.4	470.3	475.2
-67.5°	317.4	325.1	336.5	345.4	354.4	360.9	367.5	372.8	376.8	381.2	386.1
-70°	265.4	274.1	283.5	292.8	301.4	307.3	311.2	314.3	316.6	315.0	313.8
-72.5°	221.4	232.5	240.3	247.9	254.9	259.4	262.1	264.1	265.5	248.9	225.6
-75°	181.5	192.8	199.3	205.4	211.0	214.3	216.0	217.1	217.6	198.7	174.2
-77.5°	146.4	153.9	157.7	161.6	165.5	166.8	167.7	168.7	169.8	154.0	134.0
-80°	101.2	106.1	108.9	111.5	113.8	113.8	112.3	109.5	105.8	96.8	86.8
-82.5°	60.0	60.9	60.9	60.7	60.4	63.0	65.5	67.7	69.6	64.3	58.1
-85°	26.8	26.0	24.6	22.8	20.6	21.7	22.9	24.2	25.4	23.7	21.8
-87.5°	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.1	4.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559213 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.7	3.0	3.0	3.0	3.0	3.0	3.7	4.4	5.1	5.8	5.7
85°	19.9	17.8	17.9	17.9	17.9	17.8	19.9	21.8	23.7	25.4	24.2
82.5°	51.5	44.5	44.6	44.7	44.6	44.5	51.5	58.1	64.3	69.6	67.7
80°	76.3	65.5	66.9	68.5	66.9	65.5	76.3	86.8	96.8	105.8	109.5
77.5°	112.5	90.0	89.3	89.4	89.3	90.0	112.5	134.0	154.0	169.8	168.7
75°	149.1	123.3	122.0	122.2	122.0	123.3	149.1	174.2	198.7	217.6	217.1
72.5°	201.5	176.8	165.6	154.9	165.6	176.8	201.5	225.6	248.9	265.5	264.1
70°	314.0	314.7	303.8	289.0	303.8	314.7	314.0	313.8	315.0	316.6	314.3
67.5°	390.3	393.5	398.2	402.2	398.2	393.5	390.3	386.1	381.2	376.8	372.8
65°	477.4	477.2	478.9	479.7	478.9	477.2	477.4	475.2	470.3	466.4	461.6
62.5°	623.0	633.0	640.0	643.5	640.0	633.0	623.0	610.4	595.9	583.2	572.7
60°	719.3	727.6	739.2	750.8	739.2	727.6	719.3	709.0	696.6	683.8	670.0
57.5°	809.5	823.4	834.8	843.2	834.8	823.4	809.5	793.9	777.3	766.3	752.2
55°	892.6	908.9	924.4	938.5	924.4	908.9	892.6	874.3	855.0	851.0	840.5
52.5°	997.1	1010.5	1032.6	1060.7	1032.6	1010.5	997.1	978.9	960.0	954.9	944.3
50°	1130.6	1150.8	1178.8	1212.6	1178.8	1150.8	1130.6	1106.3	1085.2	1075.2	1066.2
47.5°	1285.0	1305.3	1332.1	1367.5	1332.1	1305.3	1285.0	1257.5	1230.4	1202.9	1168.4
45°	1693.1	1740.8	1784.4	1832.3	1784.4	1740.8	1693.1	1623.5	1547.2	1447.3	1328.3
42.5°	3307.9	3516.9	3607.1	3554.4	3607.1	3516.9	3307.9	3005.7	2628.6	2177.1	1826.3
40°	5943.7	6291.0	6495.5	6566.6	6495.5	6291.0	5943.7	5448.6	4799.2	4041.3	3374.9
37.5°	8532.8	8852.5	9025.0	9045.4	9025.0	8852.5	8532.8	8052.2	7394.2	6606.1	5685.2
35°	10633.1	10896.5	11052.6	11169.8	11052.6	10896.5	10633.1	10236.3	9686.7	8956.4	8046.6
32.5°	12519.3	12819.5	12993.0	12954.4	12993.0	12819.5	12519.3	12104.5	11594.9	10940.5	10110.5
30°	14281.4	14609.7	14813.5	14819.5	14813.5	14609.7	14281.4	13823.1	13264.1	12598.2	11857.3
27.5°	16023.5	16392.0	16604.6	16771.0	16604.6	16392.0	16023.5	15489.2	14828.2	14127.0	13310.2
25°	17881.9	18341.2	18614.0	18779.1	18614.0	18341.2	17881.9	17240.8	16471.9	15651.2	14736.8
22.5°	19885.7	20454.8	20828.6	20983.9	20828.6	20454.8	19885.7	19118.8	18188.6	17187.1	16122.6
20°	22065.4	22770.5	23247.8	23233.3	23247.8	22770.5	22065.4	21091.1	19971.0	18764.6	17536.1
17.5°	24497.3	25406.9	26022.3	26111.4	26022.3	25406.9	24497.3	23210.6	21870.7	20469.8	18988.0
15°	27104.7	28277.3	29073.5	29320.2	29073.5	28277.3	27104.7	25592.1	23884.1	22207.3	20444.8
12.5°	29776.6	31171.4	32232.7	32585.6	32232.7	31171.4	29776.6	27983.3	25885.3	23932.1	21896.6
10°	32322.5	33867.4	35019.3	35529.3	35019.3	33867.4	32322.5	30194.9	27934.5	25621.7	23192.7
7.5°	34450.7	36020.4	37207.0	37626.8	37207.0	36020.4	34450.7	32308.2	29617.6	27044.1	24415.5
5°	35852.8	37567.7	38490.4	39009.2	38490.4	37567.7	35852.8	33607.9	30947.1	28127.3	25308.2
2.5°	36789.5	38243.8	39178.2	39655.8	39178.2	38243.8	36789.5	34579.3	31955.8	28878.9	25901.3
0°	37287.1	38767.9	39453.2	39685.5	39453.2	38767.9	37287.1	35076.4	32383.1	29186.2	26281.2
-2.5°	36789.5	38243.8	39178.2	39655.8	39178.2	38243.8	36789.5	34579.3	31955.8	28878.9	25901.3
-5°	35852.8	37567.7	38490.4	39009.2	38490.4	37567.7	35852.8	33607.9	30947.1	28127.3	25308.2
-7.5°	34450.7	36020.4	37207.0	37626.8	37207.0	36020.4	34450.7	32308.2	29617.6	27044.1	24415.5
-10°	32322.5	33867.4	35019.3	35529.3	35019.3	33867.4	32322.5	30194.9	27934.5	25621.7	23192.7
-12.5°	29776.6	31171.4	32232.7	32585.6	32232.7	31171.4	29776.6	27983.3	25885.3	23932.1	21896.6
-15°	27104.7	28277.3	29073.5	29320.2	29073.5	28277.3	27104.7	25592.1	23884.1	22207.3	20444.8
-17.5°	24497.3	25406.9	26022.3	26111.4	26022.3	25406.9	24497.3	23210.6	21870.7	20469.8	18988.0
-20°	22065.4	22770.5	23247.8	23233.3	23247.8	22770.5	22065.4	21091.1	19971.0	18764.6	17536.1



REPORT NUMBER: P559213 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	19885.7	20454.8	20828.6	20983.9	20828.6	20454.8	19885.7	19118.8	18188.6	17187.1	16122.6
-25°	17881.9	18341.2	18614.0	18779.1	18614.0	18341.2	17881.9	17240.8	16471.9	15651.2	14736.8
-27.5°	16023.5	16392.0	16604.6	16771.0	16604.6	16392.0	16023.5	15489.2	14828.2	14127.0	13310.2
-30°	14281.4	14609.7	14813.5	14819.5	14813.5	14609.7	14281.4	13823.1	13264.1	12598.2	11857.3
-32.5°	12519.3	12819.5	12993.0	12954.4	12993.0	12819.5	12519.3	12104.5	11594.9	10940.5	10110.5
-35°	10633.1	10896.5	11052.6	11169.8	11052.6	10896.5	10633.1	10236.3	9686.7	8956.4	8046.6
-37.5°	8532.8	8852.5	9025.0	9045.4	9025.0	8852.5	8532.8	8052.2	7394.2	6606.1	5685.2
-40°	5943.7	6291.0	6495.5	6566.6	6495.5	6291.0	5943.7	5448.6	4799.2	4041.3	3374.9
-42.5°	3307.9	3516.9	3607.1	3554.4	3607.1	3516.9	3307.9	3005.7	2628.6	2177.1	1826.3
-45°	1693.1	1740.8	1784.4	1832.3	1784.4	1740.8	1693.1	1623.5	1547.2	1447.3	1328.3
-47.5°	1285.0	1305.3	1332.1	1367.5	1332.1	1305.3	1285.0	1257.5	1230.4	1202.9	1168.4
-50°	1130.6	1150.8	1178.8	1212.6	1178.8	1150.8	1130.6	1106.3	1085.2	1075.2	1066.2
-52.5°	997.1	1010.5	1032.6	1060.7	1032.6	1010.5	997.1	978.9	960.0	954.9	944.3
-55°	892.6	908.9	924.4	938.5	924.4	908.9	892.6	874.3	855.0	851.0	840.5
-57.5°	809.5	823.4	834.8	843.2	834.8	823.4	809.5	793.9	777.3	766.3	752.2
-60°	719.3	727.6	739.2	750.8	739.2	727.6	719.3	709.0	696.6	683.8	670.0
-62.5°	623.0	633.0	640.0	643.5	640.0	633.0	623.0	610.4	595.9	583.2	572.7
-65°	477.4	477.2	478.9	479.7	478.9	477.2	477.4	475.2	470.3	466.4	461.6
-67.5°	390.3	393.5	398.2	402.2	398.2	393.5	390.3	386.1	381.2	376.8	372.8
-70°	314.0	314.7	303.8	289.0	303.8	314.7	314.0	313.8	315.0	316.6	314.3
-72.5°	201.5	176.8	165.6	154.9	165.6	176.8	201.5	225.6	248.9	265.5	264.1
-75°	149.1	123.3	122.0	122.2	122.0	123.3	149.1	174.2	198.7	217.6	217.1
-77.5°	112.5	90.0	89.3	89.4	89.3	90.0	112.5	134.0	154.0	169.8	168.7
-80°	76.3	65.5	66.9	68.5	66.9	65.5	76.3	86.8	96.8	105.8	109.5
-82.5°	51.5	44.5	44.6	44.7	44.6	44.5	51.5	58.1	64.3	69.6	67.7
-85°	19.9	17.8	17.9	17.9	17.9	17.8	19.9	21.8	23.7	25.4	24.2
-87.5°	3.7	3.0	3.0	3.0	3.0	3.0	3.7	4.4	5.1	5.8	5.7
-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: P559213 (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°	5.6	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.6	4.4	4.3
85°	22.9	21.7	20.6	22.8	24.6	26.0	26.8	23.8	21.0	18.3	16.0
82.5°	65.5	63.0	60.4	60.7	60.9	60.9	60.0	52.7	45.8	39.4	34.2
80°	112.3	113.8	113.8	111.5	108.9	106.1	101.2	88.0	76.0	65.4	58.2
77.5°	167.7	166.8	165.5	161.6	157.7	153.9	146.4	126.8	107.8	90.6	81.4
75°	216.0	214.3	211.0	205.4	199.3	192.8	181.5	162.0	141.6	120.4	109.2
72.5°	262.1	259.4	254.9	247.9	240.3	232.5	221.4	204.4	183.5	158.3	145.8
70°	311.2	307.3	301.4	292.8	283.5	274.1	265.4	253.3	236.1	214.5	202.1
67.5°	367.5	360.9	354.4	345.4	336.5	325.1	317.4	307.2	294.2	275.8	262.0
65°	451.8	436.7	427.5	426.2	417.7	401.0	382.7	370.8	358.3	341.1	322.0
62.5°	563.8	557.3	540.2	521.8	507.6	495.7	473.3	448.6	427.2	407.7	385.0
60°	654.7	639.4	625.2	608.3	588.7	569.6	551.1	526.9	496.9	472.5	447.6
57.5°	733.9	718.9	709.4	693.3	670.2	650.8	630.6	606.1	576.7	541.3	510.1
55°	822.9	811.6	801.6	786.3	765.5	739.2	713.1	686.9	653.8	611.4	572.8
52.5°	928.8	914.9	899.9	883.8	859.4	826.8	795.9	765.0	726.7	680.6	633.8
50°	1052.2	1024.0	999.0	977.5	945.8	909.5	872.7	837.8	792.4	745.1	696.4
47.5°	1144.9	1120.7	1092.7	1061.6	1025.7	986.9	945.7	901.7	854.3	804.9	753.7
45°	1283.9	1231.7	1176.8	1142.2	1101.9	1059.8	1016.0	965.8	914.0	861.5	807.6
42.5°	1645.0	1449.4	1322.7	1249.6	1182.5	1135.0	1082.0	1027.9	972.7	916.5	859.5
40°	2697.4	1937.1	1682.8	1435.4	1304.6	1219.7	1150.9	1087.6	1029.0	969.5	909.4
37.5°	4627.4	3549.9	2672.5	1879.4	1583.9	1334.9	1231.4	1149.7	1082.9	1020.9	957.6
35°	7051.9	5810.0	4371.5	3199.6	2123.1	1657.9	1337.9	1223.1	1137.9	1070.7	1003.9
32.5°	9158.0	7948.4	6558.7	4946.8	3466.2	2237.3	1651.8	1320.9	1198.5	1119.9	1048.9
30°	10949.4	9831.8	8504.8	6899.3	5126.1	3457.1	2111.4	1571.6	1289.0	1166.7	1092.0
27.5°	12410.9	11408.3	10165.9	8705.6	6896.9	4935.3	3203.7	1883.5	1424.8	1236.9	1132.7
25°	13753.1	12695.6	11530.1	10167.2	8521.1	6542.6	4398.9	2705.0	1691.8	1312.1	1170.8
22.5°	15027.8	13904.6	12707.3	11386.6	9863.1	7972.2	5834.4	3619.0	1961.3	1448.0	1229.6
20°	16260.1	15022.3	13774.6	12402.5	10881.0	9232.1	7134.0	4714.3	2730.7	1654.6	1285.6
17.5°	17522.5	16105.8	14692.8	13296.3	11754.0	10098.6	8146.7	5815.6	3399.4	1840.6	1334.1
15°	18718.3	17135.7	15576.7	14041.1	12499.0	10821.4	8992.3	6796.6	4063.2	2216.7	1471.5
12.5°	19928.9	18086.6	16394.3	14672.7	13125.4	11424.6	9591.8	7466.2	4842.0	2677.4	1608.2
10°	21025.4	18959.1	17082.6	15260.7	13592.3	11905.8	10073.8	8004.3	5482.5	3056.2	1720.4
7.5°	21965.2	19717.8	17655.4	15740.1	13967.4	12307.2	10487.3	8433.6	5964.9	3348.7	1807.9
5°	22690.0	20272.2	18095.7	16133.2	14258.9	12580.9	10789.9	8746.3	6289.9	3554.2	1870.8
2.5°	23126.1	20608.1	18353.9	16377.1	14440.1	12737.0	10950.0	8946.4	6497.0	3686.8	1917.4
0°	23313.8	20709.8	18543.8	16541.6	14509.7	12802.5	10946.3	9021.6	6572.5	3736.2	1939.6
-2.5°	23126.1	20608.1	18353.9	16377.1	14440.1	12737.0	10950.0	8946.4	6497.0	3686.8	1917.4
-5°	22690.0	20272.2	18095.7	16133.2	14258.9	12580.9	10789.9	8746.3	6289.9	3554.2	1870.8
-7.5°	21965.2	19717.8	17655.4	15740.1	13967.4	12307.2	10487.3	8433.6	5964.9	3348.7	1807.9
-10°	21025.4	18959.1	17082.6	15260.7	13592.3	11905.8	10073.8	8004.3	5482.5	3056.2	1720.4
-12.5°	19928.9	18086.6	16394.3	14672.7	13125.4	11424.6	9591.8	7466.2	4842.0	2677.4	1608.2
-15°	18718.3	17135.7	15576.7	14041.1	12499.0	10821.4	8992.3	6796.6	4063.2	2216.7	1471.5
-17.5°	17522.5	16105.8	14692.8	13296.3	11754.0	10098.6	8146.7	5815.6	3399.4	1840.6	1334.1
-20°	16260.1	15022.3	13774.6	12402.5	10881.0	9232.1	7134.0	4714.3	2730.7	1654.6	1285.6



REPORT NUMBER: P559213 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	15027.8	13904.6	12707.3	11386.6	9863.1	7972.2	5834.4	3619.0	1961.3	1448.0	1229.6
-25°	13753.1	12695.6	11530.1	10167.2	8521.1	6542.6	4398.9	2705.0	1691.8	1312.1	1170.8
-27.5°	12410.9	11408.3	10165.9	8705.6	6896.9	4935.3	3203.7	1883.5	1424.8	1236.9	1132.7
-30°	10949.4	9831.8	8504.8	6899.3	5126.1	3457.1	2111.4	1571.6	1289.0	1166.7	1092.0
-32.5°	9158.0	7948.4	6558.7	4946.8	3466.2	2237.3	1651.8	1320.9	1198.5	1119.9	1048.9
-35°	7051.9	5810.0	4371.5	3199.6	2123.1	1657.9	1337.9	1223.1	1137.9	1070.7	1003.9
-37.5°	4627.4	3549.9	2672.5	1879.4	1583.9	1334.9	1231.4	1149.7	1082.9	1020.9	957.6
-40°	2697.4	1937.1	1682.8	1435.4	1304.6	1219.7	1150.9	1087.6	1029.0	969.5	909.4
-42.5°	1645.0	1449.4	1322.7	1249.6	1182.5	1135.0	1082.0	1027.9	972.7	916.5	859.5
-45°	1283.9	1231.7	1176.8	1142.2	1101.9	1059.8	1016.0	965.8	914.0	861.5	807.6
-47.5°	1144.9	1120.7	1092.7	1061.6	1025.7	986.9	945.7	901.7	854.3	804.9	753.7
-50°	1052.2	1024.0	999.0	977.5	945.8	909.5	872.7	837.8	792.4	745.1	696.4
-52.5°	928.8	914.9	899.9	883.8	859.4	826.8	795.9	765.0	726.7	680.6	633.8
-55°	822.9	811.6	801.6	786.3	765.5	739.2	713.1	686.9	653.8	611.4	572.8
-57.5°	733.9	718.9	709.4	693.3	670.2	650.8	630.6	606.1	576.7	541.3	510.1
-60°	654.7	639.4	625.2	608.3	588.7	569.6	551.1	526.9	496.9	472.5	447.6
-62.5°	563.8	557.3	540.2	521.8	507.6	495.7	473.3	448.6	427.2	407.7	385.0
-65°	451.8	436.7	427.5	426.2	417.7	401.0	382.7	370.8	358.3	341.1	322.0
-67.5°	367.5	360.9	354.4	345.4	336.5	325.1	317.4	307.2	294.2	275.8	262.0
-70°	311.2	307.3	301.4	292.8	283.5	274.1	265.4	253.3	236.1	214.5	202.1
-72.5°	262.1	259.4	254.9	247.9	240.3	232.5	221.4	204.4	183.5	158.3	145.8
-75°	216.0	214.3	211.0	205.4	199.3	192.8	181.5	162.0	141.6	120.4	109.2
-77.5°	167.7	166.8	165.5	161.6	157.7	153.9	146.4	126.8	107.8	90.6	81.4
-80°	112.3	113.8	113.8	111.5	108.9	106.1	101.2	88.0	76.0	65.4	58.2
-82.5°	65.5	63.0	60.4	60.7	60.9	60.9	60.0	52.7	45.8	39.4	34.2
-85°	22.9	21.7	20.6	22.8	24.6	26.0	26.8	23.8	21.0	18.3	16.0
-87.5°	5.6	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.6	4.4	4.3
-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: P559213 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.1	5.8	6.4	6.8	7.2	7.5	7.6	7.6	7.1	6.6	6.1
85°	17.0	17.5	17.6	17.2	16.1	14.9	15.2	15.1	14.3	13.3	12.1
82.5°	35.6	36.9	37.8	37.7	35.3	32.8	30.2	27.5	24.5	20.5	18.2
80°	61.5	63.5	64.0	62.4	56.4	50.6	46.6	42.7	39.6	35.3	29.5
77.5°	87.5	91.5	93.1	91.1	82.9	74.8	66.7	59.3	54.9	50.1	43.6
75°	114.5	120.5	124.0	121.8	111.7	98.8	88.5	79.9	73.7	65.4	57.8
72.5°	148.6	151.5	154.7	154.1	145.1	132.3	115.6	100.7	93.7	84.5	72.9
70°	194.1	185.7	183.6	182.4	176.9	167.0	150.2	130.5	114.1	103.6	90.6
67.5°	249.9	238.3	226.1	213.3	206.8	197.8	184.4	161.3	139.8	122.8	108.4
65°	305.1	289.4	274.7	256.0	240.6	228.7	215.0	190.3	164.4	143.0	126.1
62.5°	361.4	338.4	318.6	296.9	276.5	259.9	245.2	217.2	188.1	162.2	142.2
60°	420.4	392.8	362.6	336.5	311.9	289.6	270.0	243.7	212.2	180.4	156.8
57.5°	480.3	447.8	411.1	376.8	347.4	320.2	293.6	266.8	235.9	200.8	169.7
55°	539.3	503.7	459.5	418.6	383.0	351.7	318.3	288.1	258.2	221.5	179.2
52.5°	591.9	554.7	510.7	461.5	418.7	382.0	345.1	309.0	277.1	241.8	192.1
50°	645.7	599.6	557.6	508.7	454.3	411.8	371.0	332.1	295.6	260.6	204.1
47.5°	701.7	647.8	598.6	552.8	497.3	440.7	397.2	354.7	313.6	276.7	214.6
45°	753.1	697.5	641.0	590.0	537.3	474.4	422.8	376.5	333.1	284.9	223.7
42.5°	801.8	743.7	684.6	626.0	570.8	507.5	447.5	398.6	351.8	291.2	230.0
40°	848.5	787.3	725.7	664.6	604.3	537.7	474.5	420.1	368.4	296.8	234.2
37.5°	893.0	828.8	764.4	701.5	638.4	569.0	499.4	440.7	376.4	302.9	237.2
35°	936.1	868.1	802.7	736.8	670.7	600.7	521.7	460.4	388.5	308.0	238.8
32.5°	977.1	906.5	839.1	770.9	701.1	632.5	546.7	478.5	403.1	312.2	239.2
30°	1017.1	944.1	873.3	803.4	730.1	659.1	574.9	496.2	420.1	315.3	239.2
27.5°	1055.2	978.7	905.2	833.2	758.2	683.6	602.3	513.5	439.3	321.5	240.8
25°	1090.1	1011.1	934.9	860.5	784.6	707.1	627.6	530.6	455.3	334.4	241.5
22.5°	1122.6	1040.4	961.7	885.5	810.3	729.7	649.1	551.5	468.5	347.9	241.2
20°	1152.1	1066.5	986.8	911.9	833.7	751.3	667.3	570.5	480.8	361.6	239.9
17.5°	1181.6	1093.8	1015.6	936.9	855.2	771.0	684.3	587.5	492.3	375.2	237.6
15°	1228.1	1123.3	1041.9	960.4	875.2	788.5	699.9	602.4	502.7	388.2	236.9
12.5°	1269.9	1149.6	1065.5	982.2	893.5	803.9	713.9	615.2	511.9	397.2	237.9
10°	1305.2	1172.7	1086.3	1001.9	909.8	817.2	726.2	626.1	519.6	400.9	237.4
7.5°	1334.1	1192.6	1104.3	1019.5	924.9	829.9	737.6	635.3	527.1	401.2	235.5
5°	1358.8	1214.2	1126.8	1038.7	942.8	842.4	747.2	642.3	533.8	398.5	232.4
2.5°	1387.2	1240.4	1151.7	1055.6	958.4	852.9	754.6	647.0	539.1	392.8	228.3
0°	1409.3	1263.3	1173.9	1069.6	971.3	861.0	759.7	649.5	542.3	384.3	223.5
-2.5°	1387.2	1240.4	1151.7	1055.6	958.4	852.9	754.6	647.0	539.1	392.8	228.3
-5°	1358.8	1214.2	1126.8	1038.7	942.8	842.4	747.2	642.3	533.8	398.5	232.4
-7.5°	1334.1	1192.6	1104.3	1019.5	924.9	829.9	737.6	635.3	527.1	401.2	235.5
-10°	1305.2	1172.7	1086.3	1001.9	909.8	817.2	726.2	626.1	519.6	400.9	237.4
-12.5°	1269.9	1149.6	1065.5	982.2	893.5	803.9	713.9	615.2	511.9	397.2	237.9
-15°	1228.1	1123.3	1041.9	960.4	875.2	788.5	699.9	602.4	502.7	388.2	236.9
-17.5°	1181.6	1093.8	1015.6	936.9	855.2	771.0	684.3	587.5	492.3	375.2	237.6
-20°	1152.1	1066.5	986.8	911.9	833.7	751.3	667.3	570.5	480.8	361.6	239.9



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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°	1122.6	1040.4	961.7	885.5	810.3	729.7	649.1	551.5	468.5	347.9	241.2
-25°	1090.1	1011.1	934.9	860.5	784.6	707.1	627.6	530.6	455.3	334.4	241.5
-27.5°	1055.2	978.7	905.2	833.2	758.2	683.6	602.3	513.5	439.3	321.5	240.8
-30°	1017.1	944.1	873.3	803.4	730.1	659.1	574.9	496.2	420.1	315.3	239.2
-32.5°	977.1	906.5	839.1	770.9	701.1	632.5	546.7	478.5	403.1	312.2	239.2
-35°	936.1	868.1	802.7	736.8	670.7	600.7	521.7	460.4	388.5	308.0	238.8
-37.5°	893.0	828.8	764.4	701.5	638.4	569.0	499.4	440.7	376.4	302.9	237.2
-40°	848.5	787.3	725.7	664.6	604.3	537.7	474.5	420.1	368.4	296.8	234.2
-42.5°	801.8	743.7	684.6	626.0	570.8	507.5	447.5	398.6	351.8	291.2	230.0
-45°	753.1	697.5	641.0	590.0	537.3	474.4	422.8	376.5	333.1	284.9	223.7
-47.5°	701.7	647.8	598.6	552.8	497.3	440.7	397.2	354.7	313.6	276.7	214.6
-50°	645.7	599.6	557.6	508.7	454.3	411.8	371.0	332.1	295.6	260.6	204.1
-52.5°	591.9	554.7	510.7	461.5	418.7	382.0	345.1	309.0	277.1	241.8	192.1
-55°	539.3	503.7	459.5	418.6	383.0	351.7	318.3	288.1	258.2	221.5	179.2
-57.5°	480.3	447.8	411.1	376.8	347.4	320.2	293.6	266.8	235.9	200.8	169.7
-60°	420.4	392.8	362.6	336.5	311.9	289.6	270.0	243.7	212.2	180.4	156.8
-62.5°	361.4	338.4	318.6	296.9	276.5	259.9	245.2	217.2	188.1	162.2	142.2
-65°	305.1	289.4	274.7	256.0	240.6	228.7	215.0	190.3	164.4	143.0	126.1
-67.5°	249.9	238.3	226.1	213.3	206.8	197.8	184.4	161.3	139.8	122.8	108.4
-70°	194.1	185.7	183.6	182.4	176.9	167.0	150.2	130.5	114.1	103.6	90.6
-72.5°	148.6	151.5	154.7	154.1	145.1	132.3	115.6	100.7	93.7	84.5	72.9
-75°	114.5	120.5	124.0	121.8	111.7	98.8	88.5	79.9	73.7	65.4	57.8
-77.5°	87.5	91.5	93.1	91.1	82.9	74.8	66.7	59.3	54.9	50.1	43.6
-80°	61.5	63.5	64.0	62.4	56.4	50.6	46.6	42.7	39.6	35.3	29.5
-82.5°	35.6	36.9	37.8	37.7	35.3	32.8	30.2	27.5	24.5	20.5	18.2
-85°	17.0	17.5	17.6	17.2	16.1	14.9	15.2	15.1	14.3	13.3	12.1
-87.5°	5.1	5.8	6.4	6.8	7.2	7.5	7.6	7.6	7.1	6.6	6.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.4	4.2	3.1	2.1	1.3	0.6	0.0
85°	10.8	8.4	6.2	4.3	2.6	1.3	0.0
82.5°	16.1	12.5	9.3	6.4	3.9	1.9	0.0
80°	22.3	16.6	12.3	8.5	5.2	2.6	0.0
77.5°	34.9	22.7	15.3	10.6	6.4	3.2	0.0
75°	47.4	32.3	19.0	12.6	7.7	3.9	0.0
72.5°	59.5	41.7	26.0	14.6	9.0	4.5	0.0
70°	71.6	50.9	32.8	17.0	10.2	5.1	0.0
67.5°	85.7	59.8	39.5	21.7	11.4	5.7	0.0
65°	99.3	69.4	45.9	26.2	12.6	6.3	0.0
62.5°	112.2	79.5	52.1	30.5	13.7	6.9	0.0
60°	124.5	89.1	58.0	34.7	14.9	7.4	0.0
57.5°	132.9	98.1	64.8	38.6	17.5	8.0	0.0
55°	140.0	106.7	71.2	42.4	20.0	8.5	0.0
52.5°	146.0	114.0	77.3	46.0	22.5	9.1	0.0
50°	151.0	117.7	82.9	49.4	24.9	9.6	0.0
47.5°	155.6	120.6	88.2	52.8	27.1	10.1	0.0
45°	163.2	122.8	92.9	56.3	29.3	10.5	0.0
42.5°	169.6	124.2	97.2	59.5	31.4	11.0	0.0
40°	174.8	124.9	99.5	63.0	33.3	11.4	0.0
37.5°	178.8	124.9	99.8	66.5	35.2	11.8	0.0
35°	181.7	126.5	99.7	70.0	36.9	12.2	0.0
32.5°	183.1	128.5	99.1	73.3	38.5	12.6	0.0
30°	183.0	129.6	98.1	76.5	40.0	12.9	0.0
27.5°	181.9	130.0	99.2	79.6	41.3	13.2	0.0
25°	179.9	129.6	100.3	82.6	42.5	13.5	0.0
22.5°	177.0	129.9	101.3	85.4	43.6	13.8	0.0
20°	173.3	133.2	102.1	88.1	44.6	14.0	0.0
17.5°	173.5	136.2	102.7	90.5	45.4	14.2	0.0
15°	176.1	138.8	103.2	92.8	46.2	14.4	0.0
12.5°	178.2	141.0	103.6	94.8	46.7	14.5	0.0
10°	179.8	142.8	103.9	96.7	47.2	14.7	0.0
7.5°	181.0	144.2	104.1	98.2	47.5	14.8	0.0
5°	181.6	145.2	104.2	99.5	47.7	14.8	0.0
2.5°	181.9	145.8	104.3	100.6	47.8	14.9	0.0
0°	181.7	146.0	104.3	101.3	47.7	14.9	0.0
-2.5°	181.9	145.8	104.3	100.6	47.8	14.9	0.0
-5°	181.6	145.2	104.2	99.5	47.7	14.8	0.0
-7.5°	181.0	144.2	104.1	98.2	47.5	14.8	0.0
-10°	179.8	142.8	103.9	96.7	47.2	14.7	0.0
-12.5°	178.2	141.0	103.6	94.8	46.7	14.5	0.0
-15°	176.1	138.8	103.2	92.8	46.2	14.4	0.0
-17.5°	173.5	136.2	102.7	90.5	45.4	14.2	0.0
-20°	173.3	133.2	102.1	88.1	44.6	14.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	177.0	129.9	101.3	85.4	43.6	13.8	0.0
-25°	179.9	129.6	100.3	82.6	42.5	13.5	0.0
-27.5°	181.9	130.0	99.2	79.6	41.3	13.2	0.0
-30°	183.0	129.6	98.1	76.5	40.0	12.9	0.0
-32.5°	183.1	128.5	99.1	73.3	38.5	12.6	0.0
-35°	181.7	126.5	99.7	70.0	36.9	12.2	0.0
-37.5°	178.8	124.9	99.8	66.5	35.2	11.8	0.0
-40°	174.8	124.9	99.5	63.0	33.3	11.4	0.0
-42.5°	169.6	124.2	97.2	59.5	31.4	11.0	0.0
-45°	163.2	122.8	92.9	56.3	29.3	10.5	0.0
-47.5°	155.6	120.6	88.2	52.8	27.1	10.1	0.0
-50°	151.0	117.7	82.9	49.4	24.9	9.6	0.0
-52.5°	146.0	114.0	77.3	46.0	22.5	9.1	0.0
-55°	140.0	106.7	71.2	42.4	20.0	8.5	0.0
-57.5°	132.9	98.1	64.8	38.6	17.5	8.0	0.0
-60°	124.5	89.1	58.0	34.7	14.9	7.4	0.0
-62.5°	112.2	79.5	52.1	30.5	13.7	6.9	0.0
-65°	99.3	69.4	45.9	26.2	12.6	6.3	0.0
-67.5°	85.7	59.8	39.5	21.7	11.4	5.7	0.0
-70°	71.6	50.9	32.8	17.0	10.2	5.1	0.0
-72.5°	59.5	41.7	26.0	14.6	9.0	4.5	0.0
-75°	47.4	32.3	19.0	12.6	7.7	3.9	0.0
-77.5°	34.9	22.7	15.3	10.6	6.4	3.2	0.0
-80°	22.3	16.6	12.3	8.5	5.2	2.6	0.0
-82.5°	16.1	12.5	9.3	6.4	3.9	1.9	0.0
-85°	10.8	8.4	6.2	4.3	2.6	1.3	0.0
-87.5°	5.4	4.2	3.1	2.1	1.3	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)