

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: P559093 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-940-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559093 (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-SA5D-940-U-MWR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQUARE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (80) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

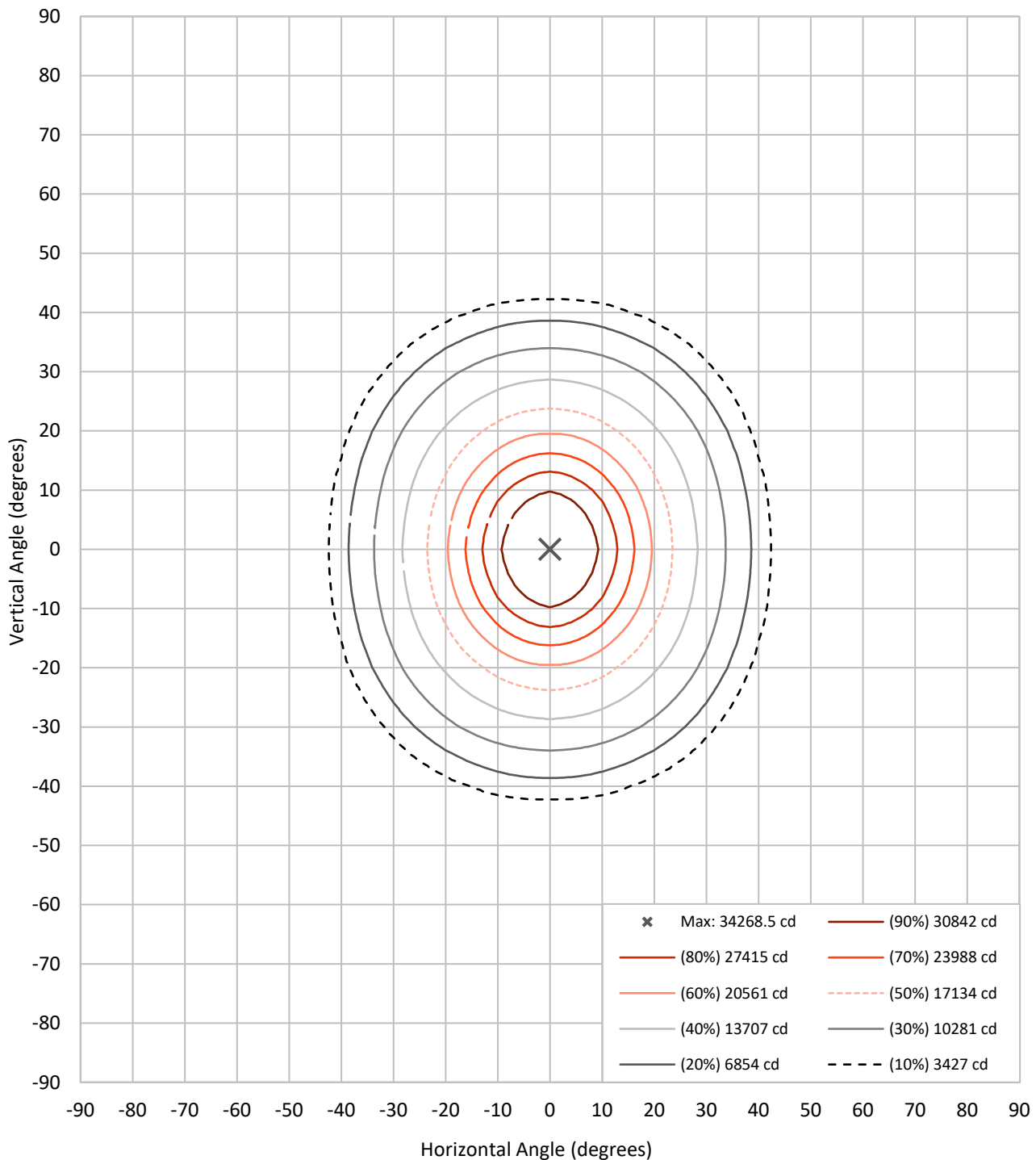
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	26676.2 lumens	Max Intensity:	34268.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	100.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	12587.6 lumens	Field Lumens:	24221.9 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 266
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





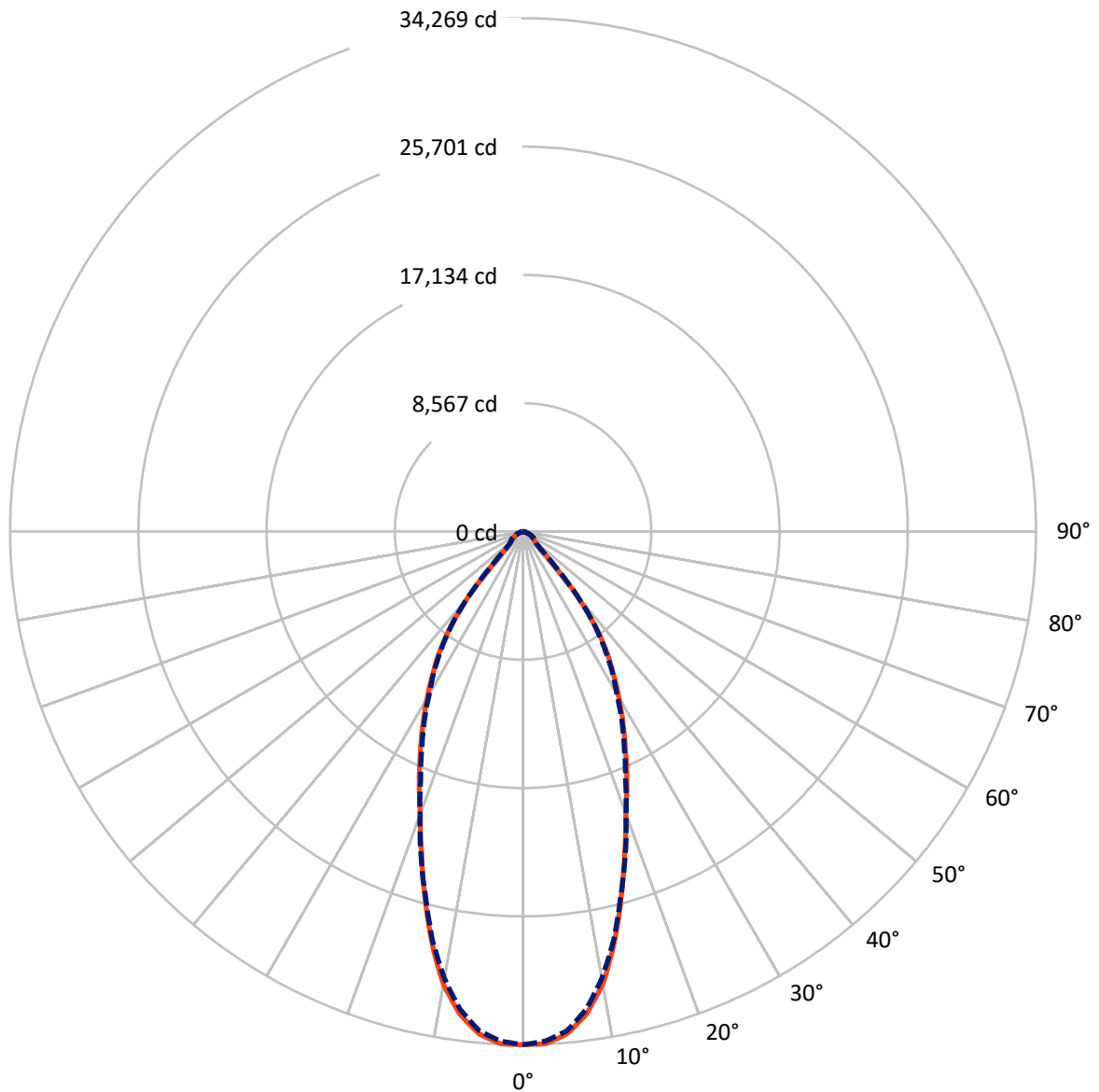
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Lumen Table

90																
80	0.4	3.3		7.3		12.0		9.4		12.0		7.3		3.3		0.4
70																
60	1.9	2.1	3.9	6.0	8.5	10.6	12.2	13.2	13.2	12.2	10.6	8.5	6.0	3.9	2.1	1.9
50		3.2	6.4	10.7	15.3	19.1	21.9	24.1	24.1	21.9	19.1	15.3	10.7	6.4	3.2	
40	2.8	4.3	8.9	15.0	21.8	29.9	47.4	66.4	66.4	47.4	29.9	21.8	15.0	8.9	4.3	2.8
30		5.2	11.2	18.7	35.2	112.4	218.9	278.9	278.9	218.9	112.4	35.2	18.7	11.2	5.2	
20	3.1	6.0	13.0	23.4	102.8	268.6	396.3	479.9	479.9	396.3	268.6	102.8	23.4	13.0	6.0	3.1
10		6.8	14.5	35.9	186.9	370.7	563.2	733.1	733.1	563.2	370.7	186.9	35.9	14.5	6.8	
0	3.3	7.2	15.7	49.6	227.7	432.5	708.4	958.1	958.1	708.4	432.5	227.7	49.6	15.7	7.2	3.3
-10		7.2	15.7	49.6	227.7	432.5	708.4	958.1	958.1	708.4	432.5	227.7	49.6	15.7	7.2	
-20	3.1	6.8	14.5	35.9	186.9	370.7	563.2	733.1	733.1	563.2	370.7	186.9	35.9	14.5	6.8	3.1
-30		6.0	13.0	23.4	102.8	268.6	396.3	479.9	479.9	396.3	268.6	102.8	23.4	13.0	6.0	
-40	2.8	5.2	11.2	18.7	35.2	112.4	218.9	278.9	278.9	218.9	112.4	35.2	18.7	11.2	5.2	2.8
-50		4.3	8.9	15.0	21.8	29.9	47.4	66.4	66.4	47.4	29.9	21.8	15.0	8.9	4.3	
-60	1.9	3.2	6.4	10.7	15.3	19.1	21.9	24.1	24.1	21.9	19.1	15.3	10.7	6.4	3.2	1.9
-70		2.1	3.9	6.0	8.5	10.6	12.2	13.2	13.2	12.2	10.6	8.5	6.0	3.9	2.1	
-80																
-90	0.4	3.3		7.3		12.0		9.4		12.0		7.3		3.3		0.4

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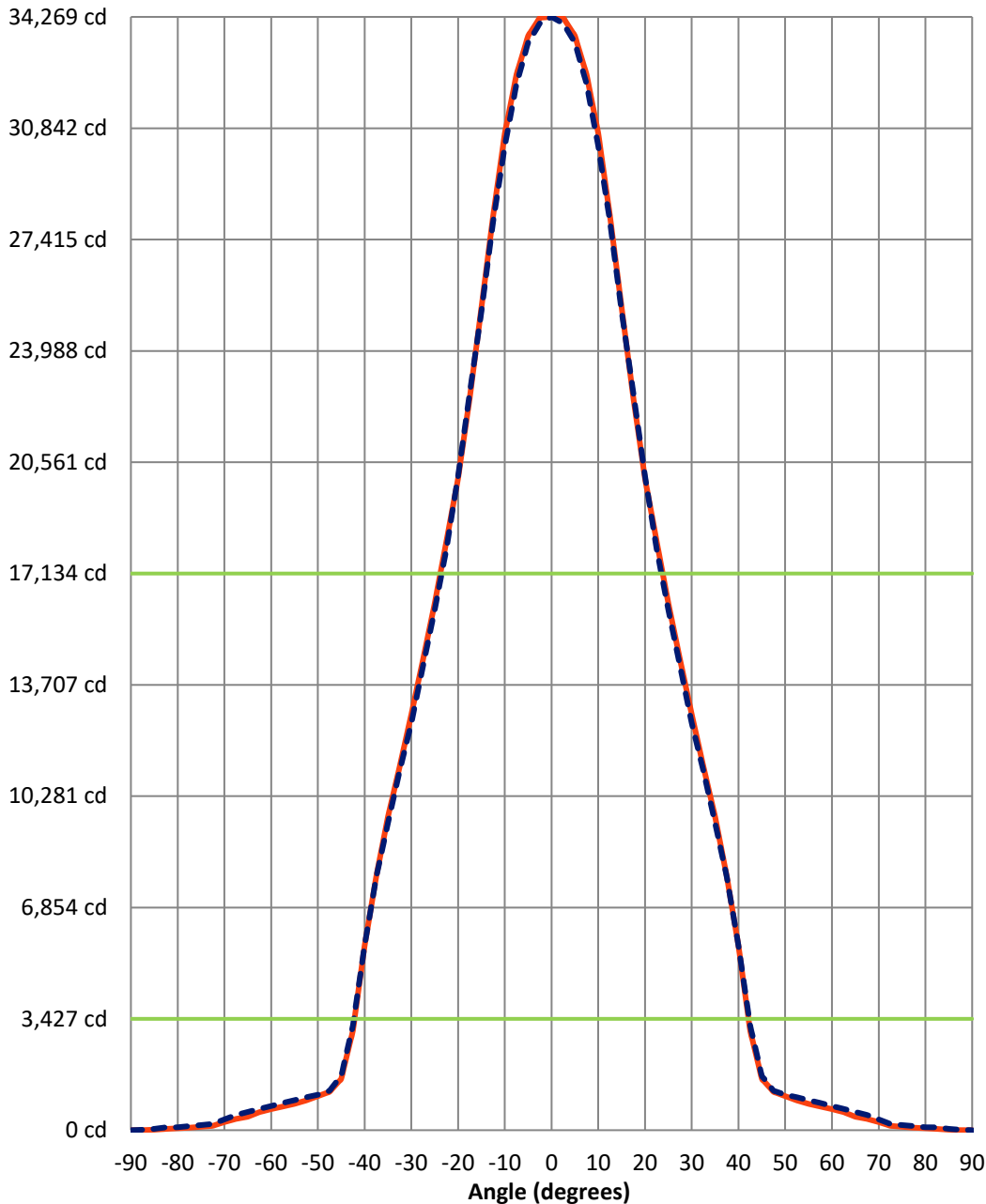
Luminous Intensity Polar Plot



— 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: 12587.6
 Efficiency: 47.2%

Field:
 H Angle: 84.6°
 V Angle: 84.3°
 Lumens: 24221.9
 Efficiency: 90.8%

Spill:
 Lumens: 2454.3
 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	1.1	1.8	2.7	3.6	4.7	5.2	5.7	6.1	6.5
85°	0.0	1.1	2.2	3.7	5.4	7.2	9.3	10.4	11.4	12.3	13.0
82.5°	0.0	1.7	3.4	5.5	8.0	10.8	13.9	15.6	17.6	21.1	23.7
80°	0.0	2.2	4.5	7.3	10.6	14.3	19.2	25.5	30.4	34.2	36.9
77.5°	0.0	2.8	5.6	9.1	13.2	19.5	30.1	37.7	43.2	47.4	51.3
75°	0.0	3.3	6.7	10.9	16.4	27.9	40.9	49.9	56.5	63.6	69.0
72.5°	0.0	3.9	7.7	12.6	22.5	36.0	51.3	62.9	72.9	81.0	87.0
70°	0.0	4.4	8.8	14.7	28.4	43.9	61.8	78.2	89.5	98.6	112.7
67.5°	0.0	4.9	9.9	18.7	34.1	51.6	74.0	93.6	106.1	120.7	139.3
65°	0.0	5.5	10.9	22.6	39.6	59.9	85.7	108.9	123.5	142.0	164.3
62.5°	0.0	6.0	11.9	26.3	45.0	68.6	96.9	122.8	140.1	162.5	187.6
60°	0.0	6.4	12.9	29.9	50.1	76.9	107.5	135.4	155.8	183.3	210.4
57.5°	0.0	6.9	15.1	33.4	55.9	84.8	114.8	146.6	173.4	203.7	230.4
55°	0.0	7.4	17.3	36.7	61.5	92.1	120.9	154.8	191.3	223.0	248.8
52.5°	0.0	7.9	19.5	39.8	66.7	98.5	126.1	165.9	208.9	239.3	266.8
50°	0.0	8.3	21.5	42.7	71.6	101.6	130.4	176.3	225.1	255.3	286.8
47.5°	0.0	8.7	23.5	45.6	76.1	104.1	134.4	185.4	239.0	270.8	306.3
45°	0.0	9.1	25.3	48.6	80.3	106.0	140.9	193.2	246.0	287.6	325.1
42.5°	0.0	9.5	27.1	51.4	84.0	107.3	146.4	198.7	251.5	303.7	344.2
40°	0.0	9.9	28.8	54.4	86.0	107.9	150.9	202.3	256.3	318.1	362.8
37.5°	0.0	10.2	30.4	57.4	86.2	107.8	154.4	204.8	261.6	325.0	380.5
35°	0.0	10.6	31.9	60.4	86.1	109.2	156.9	206.3	266.0	335.4	397.6
32.5°	0.0	10.9	33.2	63.3	85.6	110.9	158.2	206.6	269.6	348.1	413.2
30°	0.0	11.2	34.5	66.1	84.7	111.9	158.0	206.6	272.3	362.8	428.4
27.5°	0.0	11.4	35.7	68.8	85.6	112.2	157.1	208.0	277.6	379.3	443.4
25°	0.0	11.7	36.7	71.4	86.6	111.9	155.4	208.5	288.8	393.2	458.2
22.5°	0.0	11.9	37.7	73.8	87.4	112.2	152.9	208.3	300.4	404.5	476.3
20°	0.0	12.1	38.5	76.1	88.1	115.1	149.7	207.2	312.3	415.2	492.7
17.5°	0.0	12.3	39.3	78.2	88.7	117.6	149.9	205.2	324.0	425.1	507.3
15°	0.0	12.5	39.9	80.1	89.1	119.9	152.1	204.6	335.2	434.0	520.2
12.5°	0.0	12.6	40.4	81.9	89.4	121.8	153.9	205.5	343.0	442.0	531.3
10°	0.0	12.7	40.8	83.5	89.7	123.3	155.3	205.0	346.2	448.6	540.7
7.5°	0.0	12.8	41.0	84.8	89.8	124.5	156.3	203.4	346.5	455.1	548.7
5°	0.0	12.9	41.2	86.0	89.9	125.4	156.9	200.7	344.1	460.9	554.7
2.5°	0.0	12.9	41.3	86.9	90.0	125.9	157.1	197.2	339.2	465.5	558.7
0°	0.0	12.9	41.2	87.5	90.0	126.1	156.9	193.0	331.9	468.2	560.9
-2.5°	0.0	12.9	41.3	86.9	90.0	125.9	157.1	197.2	339.2	465.5	558.7
-5°	0.0	12.9	41.2	86.0	89.9	125.4	156.9	200.7	344.1	460.9	554.7
-7.5°	0.0	12.8	41.0	84.8	89.8	124.5	156.3	203.4	346.5	455.1	548.7
-10°	0.0	12.7	40.8	83.5	89.7	123.3	155.3	205.0	346.2	448.6	540.7
-12.5°	0.0	12.6	40.4	81.9	89.4	121.8	153.9	205.5	343.0	442.0	531.3
-15°	0.0	12.5	39.9	80.1	89.1	119.9	152.1	204.6	335.2	434.0	520.2
-17.5°	0.0	12.3	39.3	78.2	88.7	117.6	149.9	205.2	324.0	425.1	507.3
-20°	0.0	12.1	38.5	76.1	88.1	115.1	149.7	207.2	312.3	415.2	492.7



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	11.9	37.7	73.8	87.4	112.2	152.9	208.3	300.4	404.5	476.3
-25°	0.0	11.7	36.7	71.4	86.6	111.9	155.4	208.5	288.8	393.2	458.2
-27.5°	0.0	11.4	35.7	68.8	85.6	112.2	157.1	208.0	277.6	379.3	443.4
-30°	0.0	11.2	34.5	66.1	84.7	111.9	158.0	206.6	272.3	362.8	428.4
-32.5°	0.0	10.9	33.2	63.3	85.6	110.9	158.2	206.6	269.6	348.1	413.2
-35°	0.0	10.6	31.9	60.4	86.1	109.2	156.9	206.3	266.0	335.4	397.6
-37.5°	0.0	10.2	30.4	57.4	86.2	107.8	154.4	204.8	261.6	325.0	380.5
-40°	0.0	9.9	28.8	54.4	86.0	107.9	150.9	202.3	256.3	318.1	362.8
-42.5°	0.0	9.5	27.1	51.4	84.0	107.3	146.4	198.7	251.5	303.7	344.2
-45°	0.0	9.1	25.3	48.6	80.3	106.0	140.9	193.2	246.0	287.6	325.1
-47.5°	0.0	8.7	23.5	45.6	76.1	104.1	134.4	185.4	239.0	270.8	306.3
-50°	0.0	8.3	21.5	42.7	71.6	101.6	130.4	176.3	225.1	255.3	286.8
-52.5°	0.0	7.9	19.5	39.8	66.7	98.5	126.1	165.9	208.9	239.3	266.8
-55°	0.0	7.4	17.3	36.7	61.5	92.1	120.9	154.8	191.3	223.0	248.8
-57.5°	0.0	6.9	15.1	33.4	55.9	84.8	114.8	146.6	173.4	203.7	230.4
-60°	0.0	6.4	12.9	29.9	50.1	76.9	107.5	135.4	155.8	183.3	210.4
-62.5°	0.0	6.0	11.9	26.3	45.0	68.6	96.9	122.8	140.1	162.5	187.6
-65°	0.0	5.5	10.9	22.6	39.6	59.9	85.7	108.9	123.5	142.0	164.3
-67.5°	0.0	4.9	9.9	18.7	34.1	51.6	74.0	93.6	106.1	120.7	139.3
-70°	0.0	4.4	8.8	14.7	28.4	43.9	61.8	78.2	89.5	98.6	112.7
-72.5°	0.0	3.9	7.7	12.6	22.5	36.0	51.3	62.9	72.9	81.0	87.0
-75°	0.0	3.3	6.7	10.9	16.4	27.9	40.9	49.9	56.5	63.6	69.0
-77.5°	0.0	2.8	5.6	9.1	13.2	19.5	30.1	37.7	43.2	47.4	51.3
-80°	0.0	2.2	4.5	7.3	10.6	14.3	19.2	25.5	30.4	34.2	36.9
-82.5°	0.0	1.7	3.4	5.5	8.0	10.8	13.9	15.6	17.6	21.1	23.7
-85°	0.0	1.1	2.2	3.7	5.4	7.2	9.3	10.4	11.4	12.3	13.0
-87.5°	0.0	0.6	1.1	1.8	2.7	3.6	4.7	5.2	5.7	6.1	6.5
-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	6.4	6.2	5.9	5.5	5.0	4.3	3.6	3.8	3.9	4.0
85°	13.1	12.9	13.9	14.9	15.2	15.1	14.6	13.7	15.7	18.0	20.5
82.5°	26.0	28.3	30.5	32.6	32.6	31.9	30.7	29.5	34.0	39.5	45.5
80°	40.3	43.7	48.8	53.9	55.3	54.8	53.1	50.2	56.5	65.6	75.9
77.5°	57.6	64.6	71.6	78.6	80.4	79.0	75.6	70.3	78.2	93.1	109.5
75°	76.5	85.3	96.5	105.2	107.1	104.1	98.9	94.3	104.0	122.3	139.9
72.5°	99.9	114.3	125.3	133.1	133.6	130.9	128.3	125.9	136.7	158.4	176.5
70°	129.7	144.2	152.8	157.5	158.6	160.4	167.7	174.5	185.2	203.9	218.7
67.5°	159.3	170.8	178.6	184.2	195.3	205.8	215.8	226.2	238.2	254.0	265.3
65°	185.6	197.5	207.7	221.1	237.2	249.9	263.4	278.1	294.6	309.4	320.2
62.5°	211.7	224.4	238.8	256.4	275.1	292.2	312.1	332.4	352.1	368.9	387.3
60°	233.1	250.1	269.3	290.5	313.1	339.1	363.0	386.5	407.9	429.0	454.9
57.5°	253.5	276.5	300.0	325.4	355.0	386.7	414.7	440.4	467.4	497.9	523.4
55°	274.9	303.8	330.7	361.5	396.8	435.0	465.7	494.6	527.9	564.6	593.1
52.5°	298.0	329.9	361.5	398.5	441.0	479.0	511.2	547.3	587.7	627.5	660.6
50°	320.4	355.6	392.3	439.2	481.5	517.8	557.6	601.3	643.4	684.3	723.4
47.5°	343.0	380.6	429.4	477.3	517.0	559.4	605.9	650.8	695.1	737.7	778.7
45°	365.1	409.7	464.0	509.5	553.5	602.3	650.3	697.3	743.9	789.3	834.0
42.5°	386.4	438.3	492.9	540.6	591.2	642.2	692.4	742.2	791.4	839.9	887.6
40°	409.7	464.3	521.8	573.9	626.7	679.8	732.7	785.3	837.2	888.6	939.2
37.5°	431.2	491.4	551.3	605.7	660.0	715.7	771.2	826.9	881.6	935.1	992.8
35°	450.5	518.7	579.1	636.2	693.2	749.6	808.4	866.9	924.5	982.6	1056.2
32.5°	472.1	546.2	605.5	665.6	724.6	782.8	843.8	905.7	967.1	1034.9	1140.7
30°	496.4	569.2	630.4	693.7	754.1	815.2	878.2	942.9	1007.4	1113.0	1357.1
27.5°	520.1	590.3	654.7	719.4	781.6	845.1	911.2	978.1	1068.1	1230.4	1626.4
25°	542.0	610.6	677.4	743.0	807.2	873.0	941.3	1010.9	1133.0	1460.9	2335.7
22.5°	560.5	630.2	699.7	764.6	830.4	898.4	969.3	1061.8	1250.4	1693.6	3125.0
20°	576.3	648.8	719.8	787.3	852.0	920.9	994.8	1110.1	1428.8	2358.0	4070.8
17.5°	590.9	665.7	738.4	808.9	876.9	944.5	1020.2	1152.0	1589.4	2935.3	5021.8
15°	604.4	680.9	755.7	829.2	899.6	969.9	1060.4	1270.7	1914.1	3508.6	5868.9
12.5°	616.5	694.2	771.5	848.0	920.0	992.7	1096.5	1388.7	2311.9	4181.0	6447.0
10°	627.1	705.6	785.6	865.1	938.0	1012.6	1127.1	1485.6	2639.0	4734.1	6911.7
7.5°	637.0	716.6	798.7	880.2	953.5	1029.8	1152.0	1561.1	2891.6	5150.7	7282.5
5°	645.2	727.5	814.1	896.8	972.9	1048.4	1173.4	1615.4	3069.1	5431.3	7552.5
2.5°	651.6	736.5	827.6	911.5	994.4	1071.0	1197.8	1655.6	3183.6	5610.1	7725.2
0°	656.0	743.5	838.7	923.6	1013.6	1090.8	1216.9	1674.8	3226.2	5675.4	7790.2
-2.5°	651.6	736.5	827.6	911.5	994.4	1071.0	1197.8	1655.6	3183.6	5610.1	7725.2
-5°	645.2	727.5	814.1	896.8	972.9	1048.4	1173.4	1615.4	3069.1	5431.3	7552.5
-7.5°	637.0	716.6	798.7	880.2	953.5	1029.8	1152.0	1561.1	2891.6	5150.7	7282.5
-10°	627.1	705.6	785.6	865.1	938.0	1012.6	1127.1	1485.6	2639.0	4734.1	6911.7
-12.5°	616.5	694.2	771.5	848.0	920.0	992.7	1096.5	1388.7	2311.9	4181.0	6447.0
-15°	604.4	680.9	755.7	829.2	899.6	969.9	1060.4	1270.7	1914.1	3508.6	5868.9
-17.5°	590.9	665.7	738.4	808.9	876.9	944.5	1020.2	1152.0	1589.4	2935.3	5021.8
-20°	576.3	648.8	719.8	787.3	852.0	920.9	994.8	1110.1	1428.8	2358.0	4070.8



REPORT NUMBER: P559093 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-940-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°	560.5	630.2	699.7	764.6	830.4	898.4	969.3	1061.8	1250.4	1693.6	3125.0
-25°	542.0	610.6	677.4	743.0	807.2	873.0	941.3	1010.9	1133.0	1460.9	2335.7
-27.5°	520.1	590.3	654.7	719.4	781.6	845.1	911.2	978.1	1068.1	1230.4	1626.4
-30°	496.4	569.2	630.4	693.7	754.1	815.2	878.2	942.9	1007.4	1113.0	1357.1
-32.5°	472.1	546.2	605.5	665.6	724.6	782.8	843.8	905.7	967.1	1034.9	1140.7
-35°	450.5	518.7	579.1	636.2	693.2	749.6	808.4	866.9	924.5	982.6	1056.2
-37.5°	431.2	491.4	551.3	605.7	660.0	715.7	771.2	826.9	881.6	935.1	992.8
-40°	409.7	464.3	521.8	573.9	626.7	679.8	732.7	785.3	837.2	888.6	939.2
-42.5°	386.4	438.3	492.9	540.6	591.2	642.2	692.4	742.2	791.4	839.9	887.6
-45°	365.1	409.7	464.0	509.5	553.5	602.3	650.3	697.3	743.9	789.3	834.0
-47.5°	343.0	380.6	429.4	477.3	517.0	559.4	605.9	650.8	695.1	737.7	778.7
-50°	320.4	355.6	392.3	439.2	481.5	517.8	557.6	601.3	643.4	684.3	723.4
-52.5°	298.0	329.9	361.5	398.5	441.0	479.0	511.2	547.3	587.7	627.5	660.6
-55°	274.9	303.8	330.7	361.5	396.8	435.0	465.7	494.6	527.9	564.6	593.1
-57.5°	253.5	276.5	300.0	325.4	355.0	386.7	414.7	440.4	467.4	497.9	523.4
-60°	233.1	250.1	269.3	290.5	313.1	339.1	363.0	386.5	407.9	429.0	454.9
-62.5°	211.7	224.4	238.8	256.4	275.1	292.2	312.1	332.4	352.1	368.9	387.3
-65°	185.6	197.5	207.7	221.1	237.2	249.9	263.4	278.1	294.6	309.4	320.2
-67.5°	159.3	170.8	178.6	184.2	195.3	205.8	215.8	226.2	238.2	254.0	265.3
-70°	129.7	144.2	152.8	157.5	158.6	160.4	167.7	174.5	185.2	203.9	218.7
-72.5°	99.9	114.3	125.3	133.1	133.6	130.9	128.3	125.9	136.7	158.4	176.5
-75°	76.5	85.3	96.5	105.2	107.1	104.1	98.9	94.3	104.0	122.3	139.9
-77.5°	57.6	64.6	71.6	78.6	80.4	79.0	75.6	70.3	78.2	93.1	109.5
-80°	40.3	43.7	48.8	53.9	55.3	54.8	53.1	50.2	56.5	65.6	75.9
-82.5°	26.0	28.3	30.5	32.6	32.6	31.9	30.7	29.5	34.0	39.5	45.5
-85°	13.1	12.9	13.9	14.9	15.2	15.1	14.6	13.7	15.7	18.0	20.5
-87.5°	6.5	6.4	6.2	5.9	5.5	5.0	4.3	3.6	3.8	3.9	4.0
-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: P559093 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-940-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°	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.9	4.4	3.8
85°	23.1	22.4	21.2	19.7	17.8	18.8	19.9	20.9	22.0	20.5	18.9
82.5°	51.8	52.5	52.6	52.4	52.2	54.4	56.6	58.5	60.1	55.5	50.2
80°	87.4	91.6	94.0	96.2	98.2	98.2	96.9	94.6	91.4	83.6	75.0
77.5°	126.4	132.9	136.2	139.5	142.9	144.0	144.8	145.7	146.6	133.0	115.7
75°	156.8	166.5	172.1	177.4	182.2	185.0	186.5	187.5	187.9	171.5	150.5
72.5°	191.1	200.7	207.5	214.0	220.1	224.0	226.3	228.1	229.2	215.0	194.8
70°	229.2	236.7	244.9	252.9	260.3	265.4	268.8	271.4	273.4	272.1	271.0
67.5°	274.1	280.7	290.6	298.3	306.1	311.6	317.4	321.9	325.4	329.1	333.4
65°	330.4	346.2	360.7	368.0	369.1	377.0	390.1	398.5	402.7	406.1	410.3
62.5°	408.7	428.0	438.3	450.6	466.5	481.2	486.9	494.5	503.6	514.6	527.1
60°	475.8	491.8	508.3	525.3	539.9	552.1	565.4	578.6	590.5	601.5	612.2
57.5°	544.5	562.0	578.7	598.7	612.6	620.8	633.7	649.5	661.7	671.2	685.6
55°	615.7	638.3	661.1	679.0	692.2	700.8	710.6	725.8	734.8	738.3	754.9
52.5°	687.3	714.0	742.1	763.2	777.1	790.0	802.0	815.4	824.5	829.0	845.3
50°	753.6	785.3	816.7	844.1	862.6	884.2	908.6	920.7	928.4	937.1	955.3
47.5°	816.6	852.1	885.7	916.7	943.5	967.7	988.6	1008.9	1038.7	1062.4	1085.8
45°	877.2	915.2	951.5	986.3	1016.1	1063.5	1108.6	1147.0	1249.7	1336.0	1401.8
42.5°	934.3	980.1	1021.0	1079.0	1142.1	1251.6	1420.5	1577.0	1879.9	2269.8	2595.4
40°	993.9	1053.2	1126.5	1239.4	1453.1	1672.6	2329.2	2914.3	3489.7	4144.1	4704.8
37.5°	1063.3	1152.7	1367.7	1622.8	2307.7	3065.3	3995.8	4909.2	5704.4	6384.9	6953.1
35°	1155.3	1431.6	1833.3	2762.9	3774.8	5016.9	6089.3	6948.3	7733.9	8364.5	8839.1
32.5°	1426.4	1931.9	2993.1	4271.6	5663.4	6863.5	7908.0	8730.5	9447.1	10012.2	10452.2
30°	1823.2	2985.3	4426.4	5957.6	7343.9	8489.8	9454.8	10238.8	10878.5	11453.5	11936.3
27.5°	2766.4	4261.7	5955.5	7517.3	8778.3	9851.0	10716.8	11493.3	12198.7	12804.2	13374.9
25°	3798.5	5649.5	7358.0	8779.4	9956.2	10962.7	11875.8	12725.3	13514.9	14223.5	14887.5
22.5°	5038.0	6884.0	8516.8	9832.3	10972.7	12006.7	12976.6	13921.9	14841.1	15705.9	16509.1
20°	6160.2	7972.0	9395.7	10709.6	11894.4	12971.8	14040.6	15142.5	16203.3	17245.0	18212.2
17.5°	7034.7	8720.2	10149.6	11481.4	12687.3	13907.4	15130.7	16396.2	17675.7	18885.4	20042.5
15°	7764.9	9344.3	10792.9	12124.5	13450.5	14796.7	16163.3	17654.1	19176.1	20624.0	22098.8
12.5°	8282.5	9865.1	11333.8	12669.9	14156.5	15617.8	17208.7	18907.8	20665.4	22352.0	24163.6
10°	8698.7	10280.6	11737.0	13177.7	14750.9	16371.2	18155.5	20026.9	22124.4	24121.5	26073.3
7.5°	9055.8	10627.3	12060.9	13591.6	15245.5	17026.4	18967.0	21082.8	23352.6	25574.9	27898.2
5°	9317.1	10863.6	12312.6	13931.1	15625.7	17505.1	19592.9	21853.7	24287.9	26722.9	29020.5
2.5°	9455.3	10998.4	12469.1	14141.6	15848.7	17795.1	19969.4	22365.8	24937.0	27593.9	29859.3
0°	9452.1	11054.9	12529.1	14283.7	16012.6	17882.9	20131.5	22693.9	25202.3	27962.8	30288.5
-2.5°	9455.3	10998.4	12469.1	14141.6	15848.7	17795.1	19969.4	22365.8	24937.0	27593.9	29859.3
-5°	9317.1	10863.6	12312.6	13931.1	15625.7	17505.1	19592.9	21853.7	24287.9	26722.9	29020.5
-7.5°	9055.8	10627.3	12060.9	13591.6	15245.5	17026.4	18967.0	21082.8	23352.6	25574.9	27898.2
-10°	8698.7	10280.6	11737.0	13177.7	14750.9	16371.2	18155.5	20026.9	22124.4	24121.5	26073.3
-12.5°	8282.5	9865.1	11333.8	12669.9	14156.5	15617.8	17208.7	18907.8	20665.4	22352.0	24163.6
-15°	7764.9	9344.3	10792.9	12124.5	13450.5	14796.7	16163.3	17654.1	19176.1	20624.0	22098.8
-17.5°	7034.7	8720.2	10149.6	11481.4	12687.3	13907.4	15130.7	16396.2	17675.7	18885.4	20042.5
-20°	6160.2	7972.0	9395.7	10709.6	11894.4	12971.8	14040.6	15142.5	16203.3	17245.0	18212.2



REPORT NUMBER: P559093 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-940-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5038.0	6884.0	8516.8	9832.3	10972.7	12006.7	12976.6	13921.9	14841.1	15705.9	16509.1
-25°	3798.5	5649.5	7358.0	8779.4	9956.2	10962.7	11875.8	12725.3	13514.9	14223.5	14887.5
-27.5°	2766.4	4261.7	5955.5	7517.3	8778.3	9851.0	10716.8	11493.3	12198.7	12804.2	13374.9
-30°	1823.2	2985.3	4426.4	5957.6	7343.9	8489.8	9454.8	10238.8	10878.5	11453.5	11936.3
-32.5°	1426.4	1931.9	2993.1	4271.6	5663.4	6863.5	7908.0	8730.5	9447.1	10012.2	10452.2
-35°	1155.3	1431.6	1833.3	2762.9	3774.8	5016.9	6089.3	6948.3	7733.9	8364.5	8839.1
-37.5°	1063.3	1152.7	1367.7	1622.8	2307.7	3065.3	3995.8	4909.2	5704.4	6384.9	6953.1
-40°	993.9	1053.2	1126.5	1239.4	1453.1	1672.6	2329.2	2914.3	3489.7	4144.1	4704.8
-42.5°	934.3	980.1	1021.0	1079.0	1142.1	1251.6	1420.5	1577.0	1879.9	2269.8	2595.4
-45°	877.2	915.2	951.5	986.3	1016.1	1063.5	1108.6	1147.0	1249.7	1336.0	1401.8
-47.5°	816.6	852.1	885.7	916.7	943.5	967.7	988.6	1008.9	1038.7	1062.4	1085.8
-50°	753.6	785.3	816.7	844.1	862.6	884.2	908.6	920.7	928.4	937.1	955.3
-52.5°	687.3	714.0	742.1	763.2	777.1	790.0	802.0	815.4	824.5	829.0	845.3
-55°	615.7	638.3	661.1	679.0	692.2	700.8	710.6	725.8	734.8	738.3	754.9
-57.5°	544.5	562.0	578.7	598.7	612.6	620.8	633.7	649.5	661.7	671.2	685.6
-60°	475.8	491.8	508.3	525.3	539.9	552.1	565.4	578.6	590.5	601.5	612.2
-62.5°	408.7	428.0	438.3	450.6	466.5	481.2	486.9	494.5	503.6	514.6	527.1
-65°	330.4	346.2	360.7	368.0	369.1	377.0	390.1	398.5	402.7	406.1	410.3
-67.5°	274.1	280.7	290.6	298.3	306.1	311.6	317.4	321.9	325.4	329.1	333.4
-70°	229.2	236.7	244.9	252.9	260.3	265.4	268.8	271.4	273.4	272.1	271.0
-72.5°	191.1	200.7	207.5	214.0	220.1	224.0	226.3	228.1	229.2	215.0	194.8
-75°	156.8	166.5	172.1	177.4	182.2	185.0	186.5	187.5	187.9	171.5	150.5
-77.5°	126.4	132.9	136.2	139.5	142.9	144.0	144.8	145.7	146.6	133.0	115.7
-80°	87.4	91.6	94.0	96.2	98.2	98.2	96.9	94.6	91.4	83.6	75.0
-82.5°	51.8	52.5	52.6	52.4	52.2	54.4	56.6	58.5	60.1	55.5	50.2
-85°	23.1	22.4	21.2	19.7	17.8	18.8	19.9	20.9	22.0	20.5	18.9
-87.5°	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.9	4.4	3.8
-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: P559093 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-940-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°	3.2	2.6	2.6	2.6	2.6	2.6	3.2	3.8	4.4	4.9	4.9
85°	17.1	15.3	15.4	15.4	15.4	15.3	17.1	18.9	20.5	22.0	20.9
82.5°	44.5	38.4	38.5	38.6	38.5	38.4	44.5	50.2	55.5	60.1	58.5
80°	66.0	56.6	57.8	59.2	57.8	56.6	66.0	75.0	83.6	91.4	94.6
77.5°	97.2	77.8	77.1	77.2	77.1	77.8	97.2	115.7	133.0	146.6	145.7
75°	128.7	106.4	105.3	105.5	105.3	106.4	128.7	150.5	171.5	187.9	187.5
72.5°	174.0	152.6	143.0	133.8	143.0	152.6	174.0	194.8	215.0	229.2	228.1
70°	271.2	271.8	262.3	249.6	262.3	271.8	271.2	271.0	272.1	273.4	271.4
67.5°	337.0	339.8	343.8	347.3	343.8	339.8	337.0	333.4	329.1	325.4	321.9
65°	412.2	412.0	413.5	414.2	413.5	412.0	412.2	410.3	406.1	402.7	398.5
62.5°	537.9	546.5	552.6	555.7	552.6	546.5	537.9	527.1	514.6	503.6	494.5
60°	621.2	628.3	638.3	648.3	638.3	628.3	621.2	612.2	601.5	590.5	578.6
57.5°	699.0	711.0	720.8	728.1	720.8	711.0	699.0	685.6	671.2	661.7	649.5
55°	770.8	784.8	798.2	810.4	798.2	784.8	770.8	754.9	738.3	734.8	725.8
52.5°	861.0	872.6	891.6	915.9	891.6	872.6	861.0	845.3	829.0	824.5	815.4
50°	976.2	993.7	1017.9	1047.1	1017.9	993.7	976.2	955.3	937.1	928.4	920.7
47.5°	1109.5	1127.1	1150.3	1180.9	1150.3	1127.1	1109.5	1085.8	1062.4	1038.7	1008.9
45°	1462.0	1503.2	1540.8	1582.2	1540.8	1503.2	1462.0	1401.8	1336.0	1249.7	1147.0
42.5°	2856.4	3036.8	3114.7	3069.2	3114.7	3036.8	2856.4	2595.4	2269.8	1879.9	1577.0
40°	5132.4	5432.3	5608.9	5670.3	5608.9	5432.3	5132.4	4704.8	4144.1	3489.7	2914.3
37.5°	7368.1	7644.2	7793.2	7810.8	7793.2	7644.2	7368.1	6953.1	6384.9	5704.4	4909.2
35°	9181.7	9409.1	9543.9	9645.1	9543.9	9409.1	9181.7	8839.1	8364.5	7733.9	6948.3
32.5°	10810.5	11069.6	11219.5	11186.2	11219.5	11069.6	10810.5	10452.2	10012.2	9447.1	8730.5
30°	12332.0	12615.5	12791.5	12796.7	12791.5	12615.5	12332.0	11936.3	11453.5	10878.5	10238.8
27.5°	13836.3	14154.5	14338.0	14481.8	14338.0	14154.5	13836.3	13374.9	12804.2	12198.7	11493.3
25°	15441.1	15837.7	16073.3	16215.8	16073.3	15837.7	15441.1	14887.5	14223.5	13514.9	12725.3
22.5°	17171.4	17662.7	17985.5	18119.6	17985.5	17662.7	17171.4	16509.1	15705.9	14841.1	13921.9
20°	19053.5	19662.3	20074.5	20062.0	20074.5	19662.3	19053.5	18212.2	17245.0	16203.3	15142.5
17.5°	21153.5	21938.9	22470.4	22547.2	22470.4	21938.9	21153.5	20042.5	18885.4	17675.7	16396.2
15°	23405.0	24417.5	25105.0	25318.1	25105.0	24417.5	23405.0	22098.8	20624.0	19176.1	17654.1
12.5°	25712.2	26916.6	27833.0	28137.7	27833.0	26916.6	25712.2	24163.6	22352.0	20665.4	18907.8
10°	27910.5	29244.5	30239.3	30679.6	30239.3	29244.5	27910.5	26073.3	24121.5	22124.4	20026.9
7.5°	29748.2	31103.6	32128.3	32490.8	32128.3	31103.6	29748.2	27898.2	25574.9	23352.6	21082.8
5°	30959.0	32439.7	33236.5	33684.5	33236.5	32439.7	30959.0	29020.5	26722.9	24287.9	21853.7
2.5°	31767.8	33023.6	33830.4	34242.8	33830.4	33023.6	31767.8	29859.3	27593.9	24937.0	22365.8
0°	32197.5	33476.1	34067.8	34268.5	34067.8	33476.1	32197.5	30288.5	27962.8	25202.3	22693.9
-2.5°	31767.8	33023.6	33830.4	34242.8	33830.4	33023.6	31767.8	29859.3	27593.9	24937.0	22365.8
-5°	30959.0	32439.7	33236.5	33684.5	33236.5	32439.7	30959.0	29020.5	26722.9	24287.9	21853.7
-7.5°	29748.2	31103.6	32128.3	32490.8	32128.3	31103.6	29748.2	27898.2	25574.9	23352.6	21082.8
-10°	27910.5	29244.5	30239.3	30679.6	30239.3	29244.5	27910.5	26073.3	24121.5	22124.4	20026.9
-12.5°	25712.2	26916.6	27833.0	28137.7	27833.0	26916.6	25712.2	24163.6	22352.0	20665.4	18907.8
-15°	23405.0	24417.5	25105.0	25318.1	25105.0	24417.5	23405.0	22098.8	20624.0	19176.1	17654.1
-17.5°	21153.5	21938.9	22470.4	22547.2	22470.4	21938.9	21153.5	20042.5	18885.4	17675.7	16396.2
-20°	19053.5	19662.3	20074.5	20062.0	20074.5	19662.3	19053.5	18212.2	17245.0	16203.3	15142.5



REPORT NUMBER: P559093 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-940-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°	17171.4	17662.7	17985.5	18119.6	17985.5	17662.7	17171.4	16509.1	15705.9	14841.1	13921.9
-25°	15441.1	15837.7	16073.3	16215.8	16073.3	15837.7	15441.1	14887.5	14223.5	13514.9	12725.3
-27.5°	13836.3	14154.5	14338.0	14481.8	14338.0	14154.5	13836.3	13374.9	12804.2	12198.7	11493.3
-30°	12332.0	12615.5	12791.5	12796.7	12791.5	12615.5	12332.0	11936.3	11453.5	10878.5	10238.8
-32.5°	10810.5	11069.6	11219.5	11186.2	11219.5	11069.6	10810.5	10452.2	10012.2	9447.1	8730.5
-35°	9181.7	9409.1	9543.9	9645.1	9543.9	9409.1	9181.7	8839.1	8364.5	7733.9	6948.3
-37.5°	7368.1	7644.2	7793.2	7810.8	7793.2	7644.2	7368.1	6953.1	6384.9	5704.4	4909.2
-40°	5132.4	5432.3	5608.9	5670.3	5608.9	5432.3	5132.4	4704.8	4144.1	3489.7	2914.3
-42.5°	2856.4	3036.8	3114.7	3069.2	3114.7	3036.8	2856.4	2595.4	2269.8	1879.9	1577.0
-45°	1462.0	1503.2	1540.8	1582.2	1540.8	1503.2	1462.0	1401.8	1336.0	1249.7	1147.0
-47.5°	1109.5	1127.1	1150.3	1180.9	1150.3	1127.1	1109.5	1085.8	1062.4	1038.7	1008.9
-50°	976.2	993.7	1017.9	1047.1	1017.9	993.7	976.2	955.3	937.1	928.4	920.7
-52.5°	861.0	872.6	891.6	915.9	891.6	872.6	861.0	845.3	829.0	824.5	815.4
-55°	770.8	784.8	798.2	810.4	798.2	784.8	770.8	754.9	738.3	734.8	725.8
-57.5°	699.0	711.0	720.8	728.1	720.8	711.0	699.0	685.6	671.2	661.7	649.5
-60°	621.2	628.3	638.3	648.3	638.3	628.3	621.2	612.2	601.5	590.5	578.6
-62.5°	537.9	546.5	552.6	555.7	552.6	546.5	537.9	527.1	514.6	503.6	494.5
-65°	412.2	412.0	413.5	414.2	413.5	412.0	412.2	410.3	406.1	402.7	398.5
-67.5°	337.0	339.8	343.8	347.3	343.8	339.8	337.0	333.4	329.1	325.4	321.9
-70°	271.2	271.8	262.3	249.6	262.3	271.8	271.2	271.0	272.1	273.4	271.4
-72.5°	174.0	152.6	143.0	133.8	143.0	152.6	174.0	194.8	215.0	229.2	228.1
-75°	128.7	106.4	105.3	105.5	105.3	106.4	128.7	150.5	171.5	187.9	187.5
-77.5°	97.2	77.8	77.1	77.2	77.1	77.8	97.2	115.7	133.0	146.6	145.7
-80°	66.0	56.6	57.8	59.2	57.8	56.6	66.0	75.0	83.6	91.4	94.6
-82.5°	44.5	38.4	38.5	38.6	38.5	38.4	44.5	50.2	55.5	60.1	58.5
-85°	17.1	15.3	15.4	15.4	15.4	15.3	17.1	18.9	20.5	22.0	20.9
-87.5°	3.2	2.6	2.6	2.6	2.6	2.6	3.2	3.8	4.4	4.9	4.9
-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: P559093 (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°	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.0	3.9	3.8	3.6
85°	19.9	18.8	17.8	19.7	21.2	22.4	23.1	20.5	18.0	15.7	13.7
82.5°	56.6	54.4	52.2	52.4	52.6	52.5	51.8	45.5	39.5	34.0	29.5
80°	96.9	98.2	98.2	96.2	94.0	91.6	87.4	75.9	65.6	56.5	50.2
77.5°	144.8	144.0	142.9	139.5	136.2	132.9	126.4	109.5	93.1	78.2	70.3
75°	186.5	185.0	182.2	177.4	172.1	166.5	156.8	139.9	122.3	104.0	94.3
72.5°	226.3	224.0	220.1	214.0	207.5	200.7	191.1	176.5	158.4	136.7	125.9
70°	268.8	265.4	260.3	252.9	244.9	236.7	229.2	218.7	203.9	185.2	174.5
67.5°	317.4	311.6	306.1	298.3	290.6	280.7	274.1	265.3	254.0	238.2	226.2
65°	390.1	377.0	369.1	368.0	360.7	346.2	330.4	320.2	309.4	294.6	278.1
62.5°	486.9	481.2	466.5	450.6	438.3	428.0	408.7	387.3	368.9	352.1	332.4
60°	565.4	552.1	539.9	525.3	508.3	491.8	475.8	454.9	429.0	407.9	386.5
57.5°	633.7	620.8	612.6	598.7	578.7	562.0	544.5	523.4	497.9	467.4	440.4
55°	710.6	700.8	692.2	679.0	661.1	638.3	615.7	593.1	564.6	527.9	494.6
52.5°	802.0	790.0	777.1	763.2	742.1	714.0	687.3	660.6	627.5	587.7	547.3
50°	908.6	884.2	862.6	844.1	816.7	785.3	753.6	723.4	684.3	643.4	601.3
47.5°	988.6	967.7	943.5	916.7	885.7	852.1	816.6	778.7	737.7	695.1	650.8
45°	1108.6	1063.5	1016.1	986.3	951.5	915.2	877.2	834.0	789.3	743.9	697.3
42.5°	1420.5	1251.6	1142.1	1079.0	1021.0	980.1	934.3	887.6	839.9	791.4	742.2
40°	2329.2	1672.6	1453.1	1239.4	1126.5	1053.2	993.9	939.2	888.6	837.2	785.3
37.5°	3995.8	3065.3	2307.7	1622.8	1367.7	1152.7	1063.3	992.8	935.1	881.6	826.9
35°	6089.3	5016.9	3774.8	2762.9	1833.3	1431.6	1155.3	1056.2	982.6	924.5	866.9
32.5°	7908.0	6863.5	5663.4	4271.6	2993.1	1931.9	1426.4	1140.7	1034.9	967.1	905.7
30°	9454.8	8489.8	7343.9	5957.6	4426.4	2985.3	1823.2	1357.1	1113.0	1007.4	942.9
27.5°	10716.8	9851.0	8778.3	7517.3	5955.5	4261.7	2766.4	1626.4	1230.4	1068.1	978.1
25°	11875.8	10962.7	9956.2	8779.4	7358.0	5649.5	3798.5	2335.7	1460.9	1133.0	1010.9
22.5°	12976.6	12006.7	10972.7	9832.3	8516.8	6884.0	5038.0	3125.0	1693.6	1250.4	1061.8
20°	14040.6	12971.8	11894.4	10709.6	9395.7	7972.0	6160.2	4070.8	2358.0	1428.8	1110.1
17.5°	15130.7	13907.4	12687.3	11481.4	10149.6	8720.2	7034.7	5021.8	2935.3	1589.4	1152.0
15°	16163.3	14796.7	13450.5	12124.5	10792.9	9344.3	7764.9	5868.9	3508.6	1914.1	1270.7
12.5°	17208.7	15617.8	14156.5	12669.9	11333.8	9865.1	8282.5	6447.0	4181.0	2311.9	1388.7
10°	18155.5	16371.2	14750.9	13177.7	11737.0	10280.6	8698.7	6911.7	4734.1	2639.0	1485.6
7.5°	18967.0	17026.4	15245.5	13591.6	12060.9	10627.3	9055.8	7282.5	5150.7	2891.6	1561.1
5°	19592.9	17505.1	15625.7	13931.1	12312.6	10863.6	9317.1	7552.5	5431.3	3069.1	1615.4
2.5°	19969.4	17795.1	15848.7	14141.6	12469.1	10998.4	9455.3	7725.2	5610.1	3183.6	1655.6
0°	20131.5	17882.9	16012.6	14283.7	12529.1	11054.9	9452.1	7790.2	5675.4	3226.2	1674.8
-2.5°	19969.4	17795.1	15848.7	14141.6	12469.1	10998.4	9455.3	7725.2	5610.1	3183.6	1655.6
-5°	19592.9	17505.1	15625.7	13931.1	12312.6	10863.6	9317.1	7552.5	5431.3	3069.1	1615.4
-7.5°	18967.0	17026.4	15245.5	13591.6	12060.9	10627.3	9055.8	7282.5	5150.7	2891.6	1561.1
-10°	18155.5	16371.2	14750.9	13177.7	11737.0	10280.6	8698.7	6911.7	4734.1	2639.0	1485.6
-12.5°	17208.7	15617.8	14156.5	12669.9	11333.8	9865.1	8282.5	6447.0	4181.0	2311.9	1388.7
-15°	16163.3	14796.7	13450.5	12124.5	10792.9	9344.3	7764.9	5868.9	3508.6	1914.1	1270.7
-17.5°	15130.7	13907.4	12687.3	11481.4	10149.6	8720.2	7034.7	5021.8	2935.3	1589.4	1152.0
-20°	14040.6	12971.8	11894.4	10709.6	9395.7	7972.0	6160.2	4070.8	2358.0	1428.8	1110.1



REPORT NUMBER: P559093 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-940-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	12976.6	12006.7	10972.7	9832.3	8516.8	6884.0	5038.0	3125.0	1693.6	1250.4	1061.8
-25°	11875.8	10962.7	9956.2	8779.4	7358.0	5649.5	3798.5	2335.7	1460.9	1133.0	1010.9
-27.5°	10716.8	9851.0	8778.3	7517.3	5955.5	4261.7	2766.4	1626.4	1230.4	1068.1	978.1
-30°	9454.8	8489.8	7343.9	5957.6	4426.4	2985.3	1823.2	1357.1	1113.0	1007.4	942.9
-32.5°	7908.0	6863.5	5663.4	4271.6	2993.1	1931.9	1426.4	1140.7	1034.9	967.1	905.7
-35°	6089.3	5016.9	3774.8	2762.9	1833.3	1431.6	1155.3	1056.2	982.6	924.5	866.9
-37.5°	3995.8	3065.3	2307.7	1622.8	1367.7	1152.7	1063.3	992.8	935.1	881.6	826.9
-40°	2329.2	1672.6	1453.1	1239.4	1126.5	1053.2	993.9	939.2	888.6	837.2	785.3
-42.5°	1420.5	1251.6	1142.1	1079.0	1021.0	980.1	934.3	887.6	839.9	791.4	742.2
-45°	1108.6	1063.5	1016.1	986.3	951.5	915.2	877.2	834.0	789.3	743.9	697.3
-47.5°	988.6	967.7	943.5	916.7	885.7	852.1	816.6	778.7	737.7	695.1	650.8
-50°	908.6	884.2	862.6	844.1	816.7	785.3	753.6	723.4	684.3	643.4	601.3
-52.5°	802.0	790.0	777.1	763.2	742.1	714.0	687.3	660.6	627.5	587.7	547.3
-55°	710.6	700.8	692.2	679.0	661.1	638.3	615.7	593.1	564.6	527.9	494.6
-57.5°	633.7	620.8	612.6	598.7	578.7	562.0	544.5	523.4	497.9	467.4	440.4
-60°	565.4	552.1	539.9	525.3	508.3	491.8	475.8	454.9	429.0	407.9	386.5
-62.5°	486.9	481.2	466.5	450.6	438.3	428.0	408.7	387.3	368.9	352.1	332.4
-65°	390.1	377.0	369.1	368.0	360.7	346.2	330.4	320.2	309.4	294.6	278.1
-67.5°	317.4	311.6	306.1	298.3	290.6	280.7	274.1	265.3	254.0	238.2	226.2
-70°	268.8	265.4	260.3	252.9	244.9	236.7	229.2	218.7	203.9	185.2	174.5
-72.5°	226.3	224.0	220.1	214.0	207.5	200.7	191.1	176.5	158.4	136.7	125.9
-75°	186.5	185.0	182.2	177.4	172.1	166.5	156.8	139.9	122.3	104.0	94.3
-77.5°	144.8	144.0	142.9	139.5	136.2	132.9	126.4	109.5	93.1	78.2	70.3
-80°	96.9	98.2	98.2	96.2	94.0	91.6	87.4	75.9	65.6	56.5	50.2
-82.5°	56.6	54.4	52.2	52.4	52.6	52.5	51.8	45.5	39.5	34.0	29.5
-85°	19.9	18.8	17.8	19.7	21.2	22.4	23.1	20.5	18.0	15.7	13.7
-87.5°	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.0	3.9	3.8	3.6
-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: P559093 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-940-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°	4.3	5.0	5.5	5.9	6.2	6.4	6.5	6.5	6.1	5.7	5.2
85°	14.6	15.1	15.2	14.9	13.9	12.9	13.1	13.0	12.3	11.4	10.4
82.5°	30.7	31.9	32.6	32.6	30.5	28.3	26.0	23.7	21.1	17.6	15.6
80°	53.1	54.8	55.3	53.9	48.8	43.7	40.3	36.9	34.2	30.4	25.5
77.5°	75.6	79.0	80.4	78.6	71.6	64.6	57.6	51.3	47.4	43.2	37.7
75°	98.9	104.1	107.1	105.2	96.5	85.3	76.5	69.0	63.6	56.5	49.9
72.5°	128.3	130.9	133.6	133.1	125.3	114.3	99.9	87.0	81.0	72.9	62.9
70°	167.7	160.4	158.6	157.5	152.8	144.2	129.7	112.7	98.6	89.5	78.2
67.5°	215.8	205.8	195.3	184.2	178.6	170.8	159.3	139.3	120.7	106.1	93.6
65°	263.4	249.9	237.2	221.1	207.7	197.5	185.6	164.3	142.0	123.5	108.9
62.5°	312.1	292.2	275.1	256.4	238.8	224.4	211.7	187.6	162.5	140.1	122.8
60°	363.0	339.1	313.1	290.5	269.3	250.1	233.1	210.4	183.3	155.8	135.4
57.5°	414.7	386.7	355.0	325.4	300.0	276.5	253.5	230.4	203.7	173.4	146.6
55°	465.7	435.0	396.8	361.5	330.7	303.8	274.9	248.8	223.0	191.3	154.8
52.5°	511.2	479.0	441.0	398.5	361.5	329.9	298.0	266.8	239.3	208.9	165.9
50°	557.6	517.8	481.5	439.2	392.3	355.6	320.4	286.8	255.3	225.1	176.3
47.5°	605.9	559.4	517.0	477.3	429.4	380.6	343.0	306.3	270.8	239.0	185.4
45°	650.3	602.3	553.5	509.5	464.0	409.7	365.1	325.1	287.6	246.0	193.2
42.5°	692.4	642.2	591.2	540.6	492.9	438.3	386.4	344.2	303.7	251.5	198.7
40°	732.7	679.8	626.7	573.9	521.8	464.3	409.7	362.8	318.1	256.3	202.3
37.5°	771.2	715.7	660.0	605.7	551.3	491.4	431.2	380.5	325.0	261.6	204.8
35°	808.4	749.6	693.2	636.2	579.1	518.7	450.5	397.6	335.4	266.0	206.3
32.5°	843.8	782.8	724.6	665.6	605.5	546.2	472.1	413.2	348.1	269.6	206.6
30°	878.2	815.2	754.1	693.7	630.4	569.2	496.4	428.4	362.8	272.3	206.6
27.5°	911.2	845.1	781.6	719.4	654.7	590.3	520.1	443.4	379.3	277.6	208.0
25°	941.3	873.0	807.2	743.0	677.4	610.6	542.0	458.2	393.2	288.8	208.5
22.5°	969.3	898.4	830.4	764.6	699.7	630.2	560.5	476.3	404.5	300.4	208.3
20°	994.8	920.9	852.0	787.3	719.8	648.8	576.3	492.7	415.2	312.3	207.2
17.5°	1020.2	944.5	876.9	808.9	738.4	665.7	590.9	507.3	425.1	324.0	205.2
15°	1060.4	969.9	899.6	829.2	755.7	680.9	604.4	520.2	434.0	335.2	204.6
12.5°	1096.5	992.7	920.0	848.0	771.5	694.2	616.5	531.3	442.0	343.0	205.5
10°	1127.1	1012.6	938.0	865.1	785.6	705.6	627.1	540.7	448.6	346.2	205.0
7.5°	1152.0	1029.8	953.5	880.2	798.7	716.6	637.0	548.7	455.1	346.5	203.4
5°	1173.4	1048.4	972.9	896.8	814.1	727.5	645.2	554.7	460.9	344.1	200.7
2.5°	1197.8	1071.0	994.4	911.5	827.6	736.5	651.6	558.7	465.5	339.2	197.2
0°	1216.9	1090.8	1013.6	923.6	838.7	743.5	656.0	560.9	468.2	331.9	193.0
-2.5°	1197.8	1071.0	994.4	911.5	827.6	736.5	651.6	558.7	465.5	339.2	197.2
-5°	1173.4	1048.4	972.9	896.8	814.1	727.5	645.2	554.7	460.9	344.1	200.7
-7.5°	1152.0	1029.8	953.5	880.2	798.7	716.6	637.0	548.7	455.1	346.5	203.4
-10°	1127.1	1012.6	938.0	865.1	785.6	705.6	627.1	540.7	448.6	346.2	205.0
-12.5°	1096.5	992.7	920.0	848.0	771.5	694.2	616.5	531.3	442.0	343.0	205.5
-15°	1060.4	969.9	899.6	829.2	755.7	680.9	604.4	520.2	434.0	335.2	204.6
-17.5°	1020.2	944.5	876.9	808.9	738.4	665.7	590.9	507.3	425.1	324.0	205.2
-20°	994.8	920.9	852.0	787.3	719.8	648.8	576.3	492.7	415.2	312.3	207.2



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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°	969.3	898.4	830.4	764.6	699.7	630.2	560.5	476.3	404.5	300.4	208.3
-25°	941.3	873.0	807.2	743.0	677.4	610.6	542.0	458.2	393.2	288.8	208.5
-27.5°	911.2	845.1	781.6	719.4	654.7	590.3	520.1	443.4	379.3	277.6	208.0
-30°	878.2	815.2	754.1	693.7	630.4	569.2	496.4	428.4	362.8	272.3	206.6
-32.5°	843.8	782.8	724.6	665.6	605.5	546.2	472.1	413.2	348.1	269.6	206.6
-35°	808.4	749.6	693.2	636.2	579.1	518.7	450.5	397.6	335.4	266.0	206.3
-37.5°	771.2	715.7	660.0	605.7	551.3	491.4	431.2	380.5	325.0	261.6	204.8
-40°	732.7	679.8	626.7	573.9	521.8	464.3	409.7	362.8	318.1	256.3	202.3
-42.5°	692.4	642.2	591.2	540.6	492.9	438.3	386.4	344.2	303.7	251.5	198.7
-45°	650.3	602.3	553.5	509.5	464.0	409.7	365.1	325.1	287.6	246.0	193.2
-47.5°	605.9	559.4	517.0	477.3	429.4	380.6	343.0	306.3	270.8	239.0	185.4
-50°	557.6	517.8	481.5	439.2	392.3	355.6	320.4	286.8	255.3	225.1	176.3
-52.5°	511.2	479.0	441.0	398.5	361.5	329.9	298.0	266.8	239.3	208.9	165.9
-55°	465.7	435.0	396.8	361.5	330.7	303.8	274.9	248.8	223.0	191.3	154.8
-57.5°	414.7	386.7	355.0	325.4	300.0	276.5	253.5	230.4	203.7	173.4	146.6
-60°	363.0	339.1	313.1	290.5	269.3	250.1	233.1	210.4	183.3	155.8	135.4
-62.5°	312.1	292.2	275.1	256.4	238.8	224.4	211.7	187.6	162.5	140.1	122.8
-65°	263.4	249.9	237.2	221.1	207.7	197.5	185.6	164.3	142.0	123.5	108.9
-67.5°	215.8	205.8	195.3	184.2	178.6	170.8	159.3	139.3	120.7	106.1	93.6
-70°	167.7	160.4	158.6	157.5	152.8	144.2	129.7	112.7	98.6	89.5	78.2
-72.5°	128.3	130.9	133.6	133.1	125.3	114.3	99.9	87.0	81.0	72.9	62.9
-75°	98.9	104.1	107.1	105.2	96.5	85.3	76.5	69.0	63.6	56.5	49.9
-77.5°	75.6	79.0	80.4	78.6	71.6	64.6	57.6	51.3	47.4	43.2	37.7
-80°	53.1	54.8	55.3	53.9	48.8	43.7	40.3	36.9	34.2	30.4	25.5
-82.5°	30.7	31.9	32.6	32.6	30.5	28.3	26.0	23.7	21.1	17.6	15.6
-85°	14.6	15.1	15.2	14.9	13.9	12.9	13.1	13.0	12.3	11.4	10.4
-87.5°	4.3	5.0	5.5	5.9	6.2	6.4	6.5	6.5	6.1	5.7	5.2
-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):

	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°	4.7	3.6	2.7	1.8	1.1	0.6	0.0
85°	9.3	7.2	5.4	3.7	2.2	1.1	0.0
82.5°	13.9	10.8	8.0	5.5	3.4	1.7	0.0
80°	19.2	14.3	10.6	7.3	4.5	2.2	0.0
77.5°	30.1	19.5	13.2	9.1	5.6	2.8	0.0
75°	40.9	27.9	16.4	10.9	6.7	3.3	0.0
72.5°	51.3	36.0	22.5	12.6	7.7	3.9	0.0
70°	61.8	43.9	28.4	14.7	8.8	4.4	0.0
67.5°	74.0	51.6	34.1	18.7	9.9	4.9	0.0
65°	85.7	59.9	39.6	22.6	10.9	5.5	0.0
62.5°	96.9	68.6	45.0	26.3	11.9	6.0	0.0
60°	107.5	76.9	50.1	29.9	12.9	6.4	0.0
57.5°	114.8	84.8	55.9	33.4	15.1	6.9	0.0
55°	120.9	92.1	61.5	36.7	17.3	7.4	0.0
52.5°	126.1	98.5	66.7	39.8	19.5	7.9	0.0
50°	130.4	101.6	71.6	42.7	21.5	8.3	0.0
47.5°	134.4	104.1	76.1	45.6	23.5	8.7	0.0
45°	140.9	106.0	80.3	48.6	25.3	9.1	0.0
42.5°	146.4	107.3	84.0	51.4	27.1	9.5	0.0
40°	150.9	107.9	86.0	54.4	28.8	9.9	0.0
37.5°	154.4	107.8	86.2	57.4	30.4	10.2	0.0
35°	156.9	109.2	86.1	60.4	31.9	10.6	0.0
32.5°	158.2	110.9	85.6	63.3	33.2	10.9	0.0
30°	158.0	111.9	84.7	66.1	34.5	11.2	0.0
27.5°	157.1	112.2	85.6	68.8	35.7	11.4	0.0
25°	155.4	111.9	86.6	71.4	36.7	11.7	0.0
22.5°	152.9	112.2	87.4	73.8	37.7	11.9	0.0
20°	149.7	115.1	88.1	76.1	38.5	12.1	0.0
17.5°	149.9	117.6	88.7	78.2	39.3	12.3	0.0
15°	152.1	119.9	89.1	80.1	39.9	12.5	0.0
12.5°	153.9	121.8	89.4	81.9	40.4	12.6	0.0
10°	155.3	123.3	89.7	83.5	40.8	12.7	0.0
7.5°	156.3	124.5	89.8	84.8	41.0	12.8	0.0
5°	156.9	125.4	89.9	86.0	41.2	12.9	0.0
2.5°	157.1	125.9	90.0	86.9	41.3	12.9	0.0
0°	156.9	126.1	90.0	87.5	41.2	12.9	0.0
-2.5°	157.1	125.9	90.0	86.9	41.3	12.9	0.0
-5°	156.9	125.4	89.9	86.0	41.2	12.9	0.0
-7.5°	156.3	124.5	89.8	84.8	41.0	12.8	0.0
-10°	155.3	123.3	89.7	83.5	40.8	12.7	0.0
-12.5°	153.9	121.8	89.4	81.9	40.4	12.6	0.0
-15°	152.1	119.9	89.1	80.1	39.9	12.5	0.0
-17.5°	149.9	117.6	88.7	78.2	39.3	12.3	0.0
-20°	149.7	115.1	88.1	76.1	38.5	12.1	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	152.9	112.2	87.4	73.8	37.7	11.9	0.0
-25°	155.4	111.9	86.6	71.4	36.7	11.7	0.0
-27.5°	157.1	112.2	85.6	68.8	35.7	11.4	0.0
-30°	158.0	111.9	84.7	66.1	34.5	11.2	0.0
-32.5°	158.2	110.9	85.6	63.3	33.2	10.9	0.0
-35°	156.9	109.2	86.1	60.4	31.9	10.6	0.0
-37.5°	154.4	107.8	86.2	57.4	30.4	10.2	0.0
-40°	150.9	107.9	86.0	54.4	28.8	9.9	0.0
-42.5°	146.4	107.3	84.0	51.4	27.1	9.5	0.0
-45°	140.9	106.0	80.3	48.6	25.3	9.1	0.0
-47.5°	134.4	104.1	76.1	45.6	23.5	8.7	0.0
-50°	130.4	101.6	71.6	42.7	21.5	8.3	0.0
-52.5°	126.1	98.5	66.7	39.8	19.5	7.9	0.0
-55°	120.9	92.1	61.5	36.7	17.3	7.4	0.0
-57.5°	114.8	84.8	55.9	33.4	15.1	6.9	0.0
-60°	107.5	76.9	50.1	29.9	12.9	6.4	0.0
-62.5°	96.9	68.6	45.0	26.3	11.9	6.0	0.0
-65°	85.7	59.9	39.6	22.6	10.9	5.5	0.0
-67.5°	74.0	51.6	34.1	18.7	9.9	4.9	0.0
-70°	61.8	43.9	28.4	14.7	8.8	4.4	0.0
-72.5°	51.3	36.0	22.5	12.6	7.7	3.9	0.0
-75°	40.9	27.9	16.4	10.9	6.7	3.3	0.0
-77.5°	30.1	19.5	13.2	9.1	5.6	2.8	0.0
-80°	19.2	14.3	10.6	7.3	4.5	2.2	0.0
-82.5°	13.9	10.8	8.0	5.5	3.4	1.7	0.0
-85°	9.3	7.2	5.4	3.7	2.2	1.1	0.0
-87.5°	4.7	3.6	2.7	1.8	1.1	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)