

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: P558902 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-940-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558902 (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-SA4B-940-U-NAT-XX
Description: GALLEON FLOOD, FOUR LIGHT SQUARE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (64) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

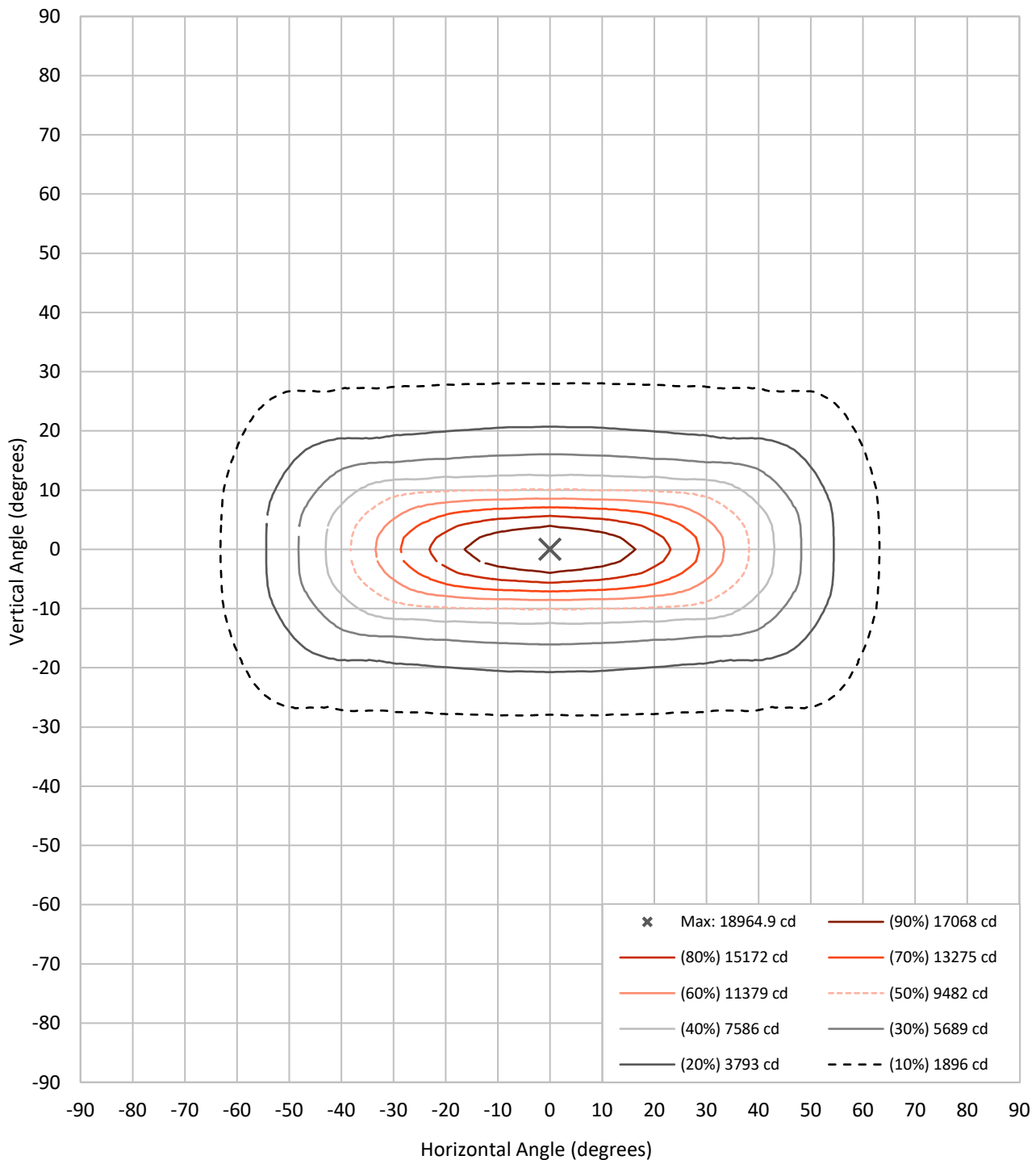
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	13582.3 lumens	Max Intensity:	18964.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	107.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	5434.2 lumens	Field Lumens:	11132.1 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 126
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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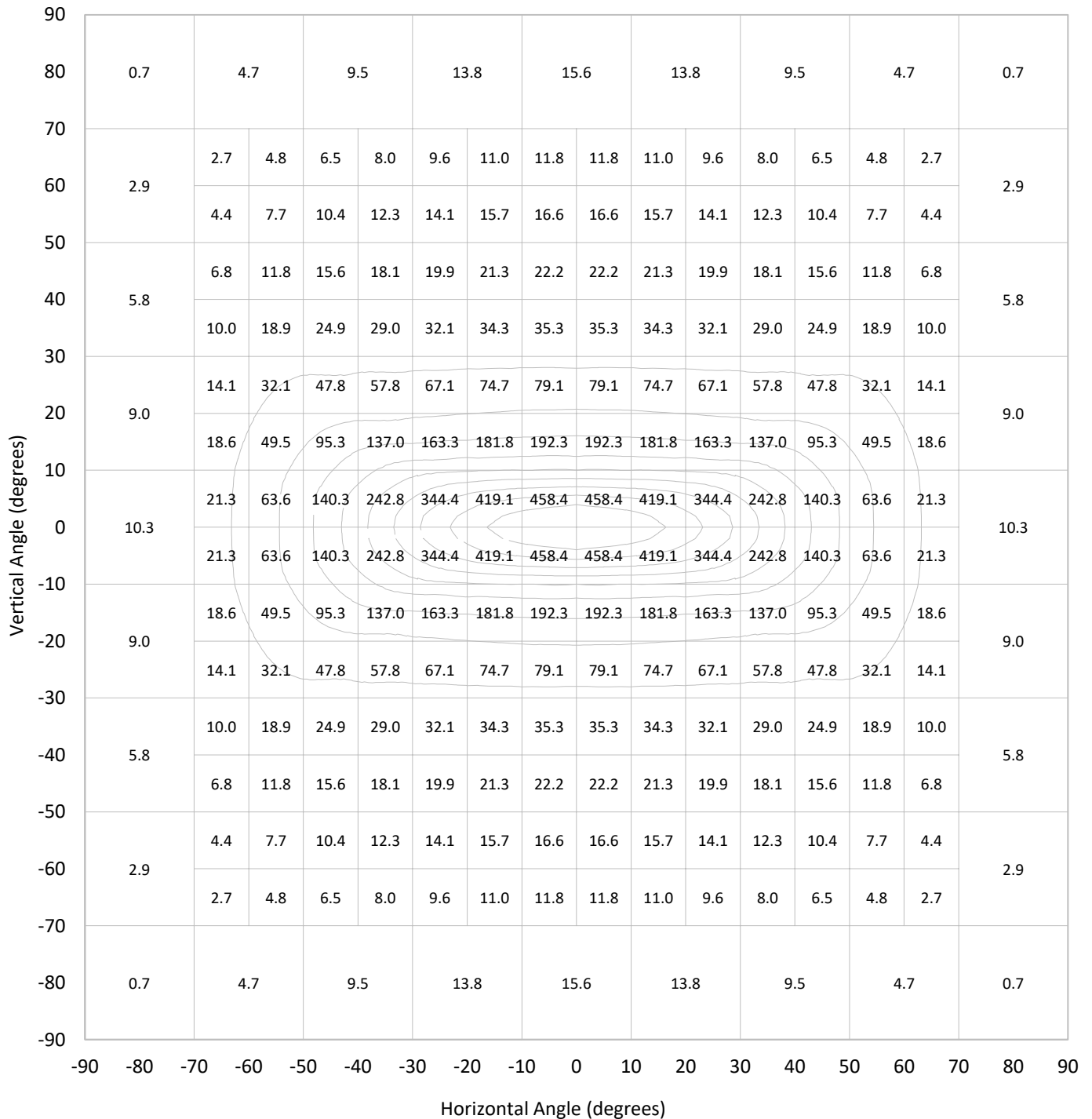
Iso-Candela Plot





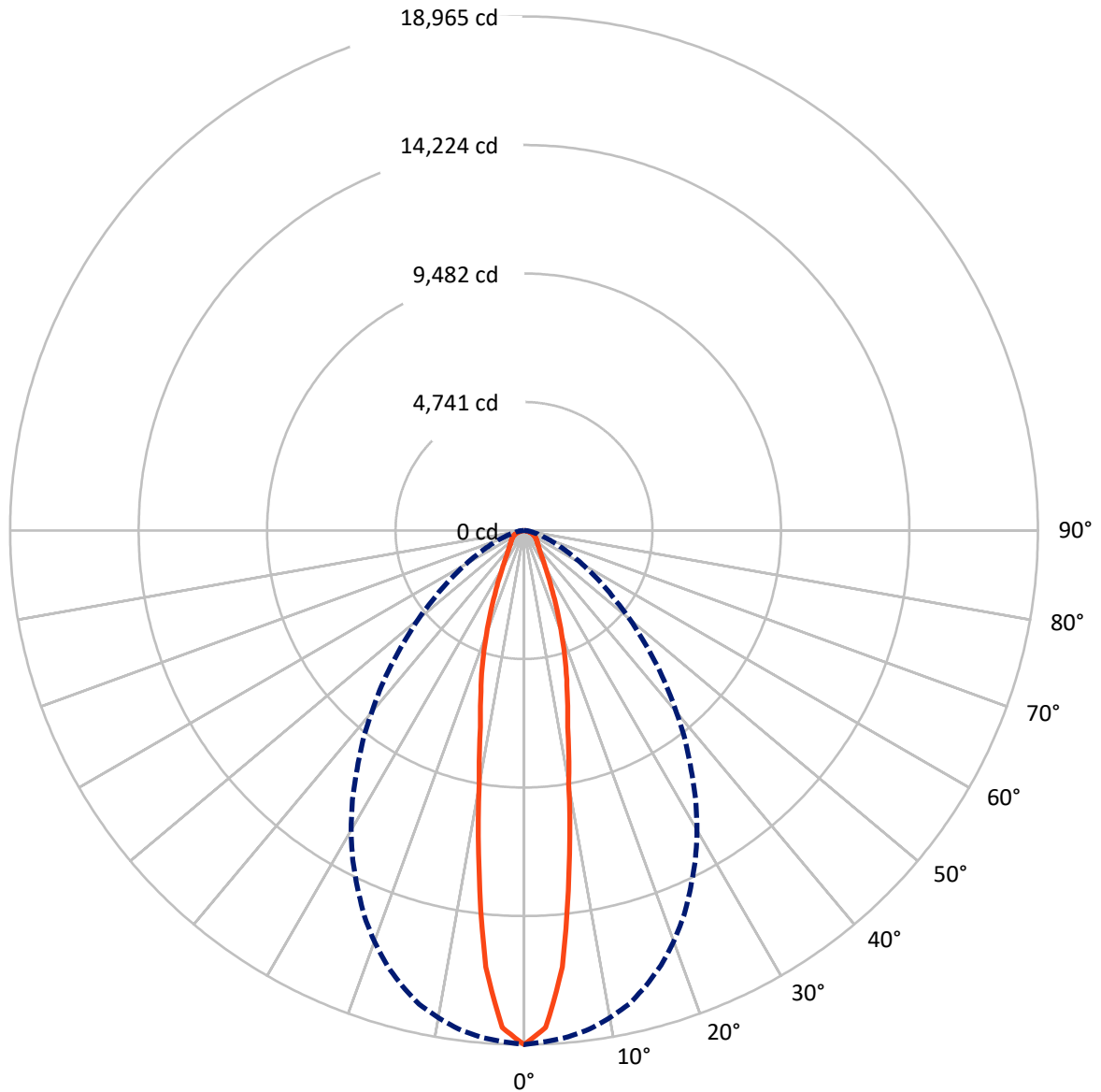
REPORT NUMBER: P558902 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



REPORT NUMBER: P558902 (CONVERTED FROM TYPE C PHOTOMETRY)
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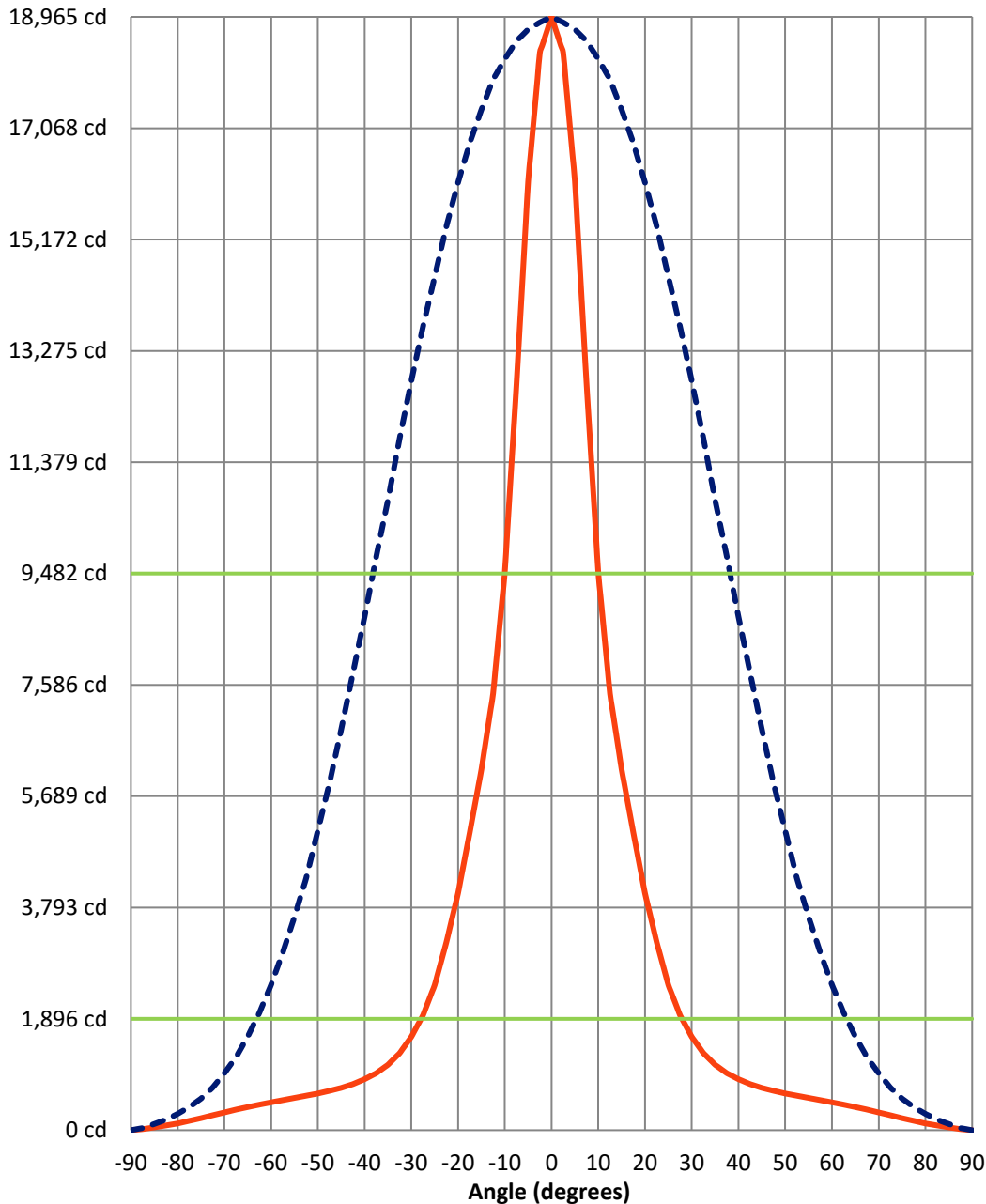
Luminous Intensity Polar Plot



— 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: 5434.2
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 11132.1
 Efficiency: 82.0%

Spill:
 Lumens: 2450.2
 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	1.6	3.2	4.5	5.7	6.7	7.6	8.6	9.5	10.4	11.2
85°	0.0	3.2	6.3	9.0	11.4	13.4	15.1	17.1	19.0	20.7	22.3
82.5°	0.0	4.7	9.4	13.5	17.0	20.1	22.7	25.7	29.1	34.7	39.8
80°	0.0	6.3	12.6	17.9	22.7	26.8	31.1	39.5	47.3	54.5	60.9
77.5°	0.0	7.8	15.7	22.4	28.3	35.5	45.8	56.0	65.6	74.2	82.5
75°	0.0	9.4	18.7	26.8	34.8	48.2	60.4	72.4	83.9	95.6	105.5
72.5°	0.0	10.9	21.7	31.2	45.2	60.7	75.0	89.5	104.5	117.6	128.7
70°	0.0	12.4	24.7	36.3	55.5	73.2	89.8	108.3	125.1	139.7	154.1
67.5°	0.0	13.8	27.7	44.1	65.6	85.6	106.7	127.1	145.7	164.8	180.3
65°	0.0	15.3	30.6	51.9	75.7	99.0	123.5	145.8	169.5	190.2	208.3
62.5°	0.0	16.7	33.4	59.5	85.7	113.5	140.3	166.7	193.4	216.6	240.3
60°	0.0	18.1	36.2	67.0	95.5	127.8	157.0	188.6	217.4	246.7	272.5
57.5°	0.0	19.4	41.1	74.4	107.0	142.0	175.9	210.5	244.3	276.8	307.4
55°	0.0	20.8	45.9	81.6	118.5	156.0	194.9	232.3	271.9	308.1	344.2
52.5°	0.0	22.0	50.5	88.7	129.8	170.2	213.6	256.8	299.3	343.5	382.0
50°	0.0	23.3	55.1	95.6	140.8	185.7	232.1	281.7	328.4	379.5	426.9
47.5°	0.0	24.5	59.5	102.7	151.7	200.9	250.7	306.6	361.5	416.1	474.2
45°	0.0	25.6	63.7	110.6	162.2	215.8	272.4	331.7	395.4	460.7	523.1
42.5°	0.0	26.7	67.8	118.3	172.5	230.3	293.8	359.4	429.3	506.4	578.9
40°	0.0	27.7	71.7	125.5	183.1	244.4	315.1	388.8	465.6	553.0	637.6
37.5°	0.0	28.7	75.5	132.2	193.9	258.0	336.0	417.8	506.6	601.8	698.2
35°	0.0	29.7	79.0	138.5	204.3	273.5	356.7	446.4	547.5	655.9	763.8
32.5°	0.0	30.5	82.4	144.3	214.3	289.7	377.9	474.5	588.2	710.7	836.0
30°	0.0	31.3	85.6	149.7	223.8	305.4	400.5	503.4	628.3	765.9	909.9
27.5°	0.0	32.1	88.5	154.7	231.7	320.6	422.4	536.1	670.4	821.4	985.1
25°	0.0	32.8	91.3	159.2	238.9	335.0	443.4	567.9	715.7	881.8	1061.4
22.5°	0.0	33.4	93.8	163.3	245.7	348.0	463.5	598.6	760.2	944.2	1144.9
20°	0.0	34.0	96.1	166.9	251.8	357.8	482.6	628.0	803.6	1005.8	1227.6
17.5°	0.0	34.5	98.2	170.0	257.4	366.5	497.0	655.9	845.5	1065.9	1309.0
15°	0.0	35.0	100.0	172.7	262.4	374.0	507.7	677.9	885.6	1124.2	1388.3
12.5°	0.0	35.3	101.6	175.0	266.8	380.2	516.9	692.3	914.3	1180.1	1464.8
10°	0.0	35.6	103.0	176.8	270.5	385.3	524.5	704.1	932.7	1206.4	1524.5
7.5°	0.0	35.9	104.1	178.1	273.5	389.1	530.5	713.5	947.6	1223.8	1551.6
5°	0.0	36.1	104.9	179.0	275.8	391.8	534.9	720.4	958.8	1235.7	1572.5
2.5°	0.0	36.2	105.5	179.5	277.4	393.4	537.6	724.7	966.3	1242.5	1587.1
0°	0.0	36.2	105.8	179.5	278.3	393.8	538.6	726.4	970.0	1244.1	1594.8
-2.5°	0.0	36.2	105.5	179.5	277.4	393.4	537.6	724.7	966.3	1242.5	1587.1
-5°	0.0	36.1	104.9	179.0	275.8	391.8	534.9	720.4	958.8	1235.7	1572.5
-7.5°	0.0	35.9	104.1	178.1	273.5	389.1	530.5	713.5	947.6	1223.8	1551.6
-10°	0.0	35.6	103.0	176.8	270.5	385.3	524.5	704.1	932.7	1206.4	1524.5
-12.5°	0.0	35.3	101.6	175.0	266.8	380.2	516.9	692.3	914.3	1180.1	1464.8
-15°	0.0	35.0	100.0	172.7	262.4	374.0	507.7	677.9	885.6	1124.2	1388.3
-17.5°	0.0	34.5	98.2	170.0	257.4	366.5	497.0	655.9	845.5	1065.9	1309.0
-20°	0.0	34.0	96.1	166.9	251.8	357.8	482.6	628.0	803.6	1005.8	1227.6



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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	33.4	93.8	163.3	245.7	348.0	463.5	598.6	760.2	944.2	1144.9
-25°	0.0	32.8	91.3	159.2	238.9	335.0	443.4	567.9	715.7	881.8	1061.4
-27.5°	0.0	32.1	88.5	154.7	231.7	320.6	422.4	536.1	670.4	821.4	985.1
-30°	0.0	31.3	85.6	149.7	223.8	305.4	400.5	503.4	628.3	765.9	909.9
-32.5°	0.0	30.5	82.4	144.3	214.3	289.7	377.9	474.5	588.2	710.7	836.0
-35°	0.0	29.7	79.0	138.5	204.3	273.5	356.7	446.4	547.5	655.9	763.8
-37.5°	0.0	28.7	75.5	132.2	193.9	258.0	336.0	417.8	506.6	601.8	698.2
-40°	0.0	27.7	71.7	125.5	183.1	244.4	315.1	388.8	465.6	553.0	637.6
-42.5°	0.0	26.7	67.8	118.3	172.5	230.3	293.8	359.4	429.3	506.4	578.9
-45°	0.0	25.6	63.7	110.6	162.2	215.8	272.4	331.7	395.4	460.7	523.1
-47.5°	0.0	24.5	59.5	102.7	151.7	200.9	250.7	306.6	361.5	416.1	474.2
-50°	0.0	23.3	55.1	95.6	140.8	185.7	232.1	281.7	328.4	379.5	426.9
-52.5°	0.0	22.0	50.5	88.7	129.8	170.2	213.6	256.8	299.3	343.5	382.0
-55°	0.0	20.8	45.9	81.6	118.5	156.0	194.9	232.3	271.9	308.1	344.2
-57.5°	0.0	19.4	41.1	74.4	107.0	142.0	175.9	210.5	244.3	276.8	307.4
-60°	0.0	18.1	36.2	67.0	95.5	127.8	157.0	188.6	217.4	246.7	272.5
-62.5°	0.0	16.7	33.4	59.5	85.7	113.5	140.3	166.7	193.4	216.6	240.3
-65°	0.0	15.3	30.6	51.9	75.7	99.0	123.5	145.8	169.5	190.2	208.3
-67.5°	0.0	13.8	27.7	44.1	65.6	85.6	106.7	127.1	145.7	164.8	180.3
-70°	0.0	12.4	24.7	36.3	55.5	73.2	89.8	108.3	125.1	139.7	154.1
-72.5°	0.0	10.9	21.7	31.2	45.2	60.7	75.0	89.5	104.5	117.6	128.7
-75°	0.0	9.4	18.7	26.8	34.8	48.2	60.4	72.4	83.9	95.6	105.5
-77.5°	0.0	7.8	15.7	22.4	28.3	35.5	45.8	56.0	65.6	74.2	82.5
-80°	0.0	6.3	12.6	17.9	22.7	26.8	31.1	39.5	47.3	54.5	60.9
-82.5°	0.0	4.7	9.4	13.5	17.0	20.1	22.7	25.7	29.1	34.7	39.8
-85°	0.0	3.2	6.3	9.0	11.4	13.4	15.1	17.1	19.0	20.7	22.3
-87.5°	0.0	1.6	3.2	4.5	5.7	6.7	7.6	8.6	9.5	10.4	11.2
-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°	12.0	12.8	13.6	14.3	15.0	15.7	16.2	16.8	17.5	18.2	18.8
85°	24.0	25.7	28.4	30.7	32.8	34.7	36.2	37.5	38.9	40.0	40.8
82.5°	44.2	48.0	51.0	53.2	55.8	58.0	59.9	61.6	63.3	64.9	66.3
80°	66.2	70.4	74.7	78.5	82.3	85.0	86.8	87.5	89.7	92.5	95.4
77.5°	89.7	96.1	101.8	106.6	110.6	114.1	116.6	118.1	121.6	125.7	129.2
75°	114.2	122.0	129.8	136.6	142.0	146.0	148.9	151.4	155.6	160.9	165.4
72.5°	139.6	150.1	159.3	167.3	174.6	180.1	184.3	187.0	191.2	197.4	202.5
70°	166.4	178.4	190.9	201.2	208.9	215.5	220.9	224.6	228.4	234.8	239.5
67.5°	194.1	211.3	225.2	236.0	244.6	252.6	258.8	262.8	264.5	270.9	276.2
65°	226.8	245.1	260.6	272.8	281.4	291.3	298.1	301.5	302.6	309.6	316.1
62.5°	260.0	280.3	297.3	311.2	322.5	331.9	339.6	343.9	344.6	349.8	357.3
60°	295.6	316.3	336.5	353.3	365.3	375.0	383.3	387.9	388.8	390.9	399.5
57.5°	332.6	355.0	378.5	397.5	411.4	419.4	428.6	433.6	435.6	434.4	443.3
55°	372.8	396.2	422.7	444.8	459.7	467.0	475.5	482.7	485.2	483.6	488.9
52.5°	418.4	441.7	470.1	494.2	510.9	519.6	525.6	534.4	538.4	536.6	535.5
50°	466.4	495.6	519.1	546.7	566.8	578.3	578.5	589.4	594.6	593.0	585.8
47.5°	520.7	553.7	571.4	603.0	629.2	642.7	643.7	648.0	654.5	656.2	650.0
45°	579.3	619.6	638.6	666.9	696.2	712.8	717.8	710.0	721.6	725.2	721.3
42.5°	641.1	692.4	722.4	733.9	768.1	791.1	800.0	794.5	794.0	802.0	801.9
40°	712.4	771.3	816.5	828.4	845.7	877.5	896.3	895.3	874.2	889.2	893.1
37.5°	788.7	865.2	921.1	945.9	932.9	975.2	1002.8	1013.9	1000.8	986.0	1002.9
35°	868.9	965.7	1041.0	1083.3	1085.2	1084.2	1127.4	1150.5	1152.0	1125.1	1131.2
32.5°	958.7	1072.3	1172.1	1240.6	1271.6	1252.4	1263.7	1312.2	1336.0	1325.7	1286.8
30°	1055.2	1194.6	1316.9	1413.5	1482.9	1503.4	1457.1	1495.0	1547.7	1568.8	1551.9
27.5°	1152.7	1324.3	1479.3	1613.3	1720.9	1789.2	1790.7	1732.2	1792.0	1842.7	1862.4
25°	1251.8	1454.1	1651.6	1833.1	1996.1	2113.4	2167.3	2173.6	2090.0	2166.0	2236.8
22.5°	1357.4	1587.6	1822.1	2067.3	2294.4	2466.6	2597.4	2676.3	2673.7	2593.9	2656.2
20°	1469.2	1733.0	2005.9	2296.9	2606.5	2843.2	3062.6	3230.3	3331.3	3364.8	3299.5
17.5°	1580.7	1879.6	2199.0	2545.5	2903.8	3232.0	3560.7	3828.3	4040.3	4214.4	4276.7
15°	1690.9	2025.9	2392.8	2795.8	3209.8	3620.6	4043.2	4453.1	4814.0	5132.5	5321.4
12.5°	1798.5	2170.1	2585.0	3045.0	3520.2	4014.6	4518.9	5018.3	5538.1	6054.1	6446.3
10°	1902.2	2310.6	2773.3	3289.8	3830.2	4408.5	4993.7	5586.4	6217.9	6826.4	7412.3
7.5°	1946.6	2402.5	2935.6	3527.0	4135.0	4796.3	5461.4	6149.4	6887.3	7597.4	8312.7
5°	1974.0	2438.9	2981.2	3597.3	4273.7	5049.4	5842.9	6695.2	7537.2	8354.8	9197.7
2.5°	1992.1	2463.9	3011.6	3625.1	4294.4	5091.0	5894.4	6779.4	7724.1	8669.4	9673.0
0°	2001.1	2477.1	3026.8	3633.5	4291.7	5104.4	5914.3	6827.2	7784.7	8746.3	9773.3
-2.5°	1992.1	2463.9	3011.6	3625.1	4294.4	5091.0	5894.4	6779.4	7724.1	8669.4	9673.0
-5°	1974.0	2438.9	2981.2	3597.3	4273.7	5049.4	5842.9	6695.2	7537.2	8354.8	9197.7
-7.5°	1946.6	2402.5	2935.6	3527.0	4135.0	4796.3	5461.4	6149.4	6887.3	7597.4	8312.7
-10°	1902.2	2310.6	2773.3	3289.8	3830.2	4408.5	4993.7	5586.4	6217.9	6826.4	7412.3
-12.5°	1798.5	2170.1	2585.0	3045.0	3520.2	4014.6	4518.9	5018.3	5538.1	6054.1	6446.3
-15°	1690.9	2025.9	2392.8	2795.8	3209.8	3620.6	4043.2	4453.1	4814.0	5132.5	5321.4
-17.5°	1580.7	1879.6	2199.0	2545.5	2903.8	3232.0	3560.7	3828.3	4040.3	4214.4	4276.7
-20°	1469.2	1733.0	2005.9	2296.9	2606.5	2843.2	3062.6	3230.3	3331.3	3364.8	3299.5



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 CATALOG NUMBER: GFLD-SA4B-940-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°	1357.4	1587.6	1822.1	2067.3	2294.4	2466.6	2597.4	2676.3	2673.7	2593.9	2656.2
-25°	1251.8	1454.1	1651.6	1833.1	1996.1	2113.4	2167.3	2173.6	2090.0	2166.0	2236.8
-27.5°	1152.7	1324.3	1479.3	1613.3	1720.9	1789.2	1790.7	1732.2	1792.0	1842.7	1862.4
-30°	1055.2	1194.6	1316.9	1413.5	1482.9	1503.4	1457.1	1495.0	1547.7	1568.8	1551.9
-32.5°	958.7	1072.3	1172.1	1240.6	1271.6	1252.4	1263.7	1312.2	1336.0	1325.7	1286.8
-35°	868.9	965.7	1041.0	1083.3	1085.2	1084.2	1127.4	1150.5	1152.0	1125.1	1131.2
-37.5°	788.7	865.2	921.1	945.9	932.9	975.2	1002.8	1013.9	1000.8	986.0	1002.9
-40°	712.4	771.3	816.5	828.4	845.7	877.5	896.3	895.3	874.2	889.2	893.1
-42.5°	641.1	692.4	722.4	733.9	768.1	791.1	800.0	794.5	794.0	802.0	801.9
-45°	579.3	619.6	638.6	666.9	696.2	712.8	717.8	710.0	721.6	725.2	721.3
-47.5°	520.7	553.7	571.4	603.0	629.2	642.7	643.7	648.0	654.5	656.2	650.0
-50°	466.4	495.6	519.1	546.7	566.8	578.3	578.5	589.4	594.6	593.0	585.8
-52.5°	418.4	441.7	470.1	494.2	510.9	519.6	525.6	534.4	538.4	536.6	535.5
-55°	372.8	396.2	422.7	444.8	459.7	467.0	475.5	482.7	485.2	483.6	488.9
-57.5°	332.6	355.0	378.5	397.5	411.4	419.4	428.6	433.6	435.6	434.4	443.3
-60°	295.6	316.3	336.5	353.3	365.3	375.0	383.3	387.9	388.8	390.9	399.5
-62.5°	260.0	280.3	297.3	311.2	322.5	331.9	339.6	343.9	344.6	349.8	357.3
-65°	226.8	245.1	260.6	272.8	281.4	291.3	298.1	301.5	302.6	309.6	316.1
-67.5°	194.1	211.3	225.2	236.0	244.6	252.6	258.8	262.8	264.5	270.9	276.2
-70°	166.4	178.4	190.9	201.2	208.9	215.5	220.9	224.6	228.4	234.8	239.5
-72.5°	139.6	150.1	159.3	167.3	174.6	180.1	184.3	187.0	191.2	197.4	202.5
-75°	114.2	122.0	129.8	136.6	142.0	146.0	148.9	151.4	155.6	160.9	165.4
-77.5°	89.7	96.1	101.8	106.6	110.6	114.1	116.6	118.1	121.6	125.7	129.2
-80°	66.2	70.4	74.7	78.5	82.3	85.0	86.8	87.5	89.7	92.5	95.4
-82.5°	44.2	48.0	51.0	53.2	55.8	58.0	59.9	61.6	63.3	64.9	66.3
-85°	24.0	25.7	28.4	30.7	32.8	34.7	36.2	37.5	38.9	40.0	40.8
-87.5°	12.0	12.8	13.6	14.3	15.0	15.7	16.2	16.8	17.5	18.2	18.8
-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: P558902 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-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°	19.4	19.1	18.7	18.2	17.7	17.7	17.7	17.6	17.5	17.3	17.1
85°	41.5	42.2	43.0	43.7	44.4	45.1	45.7	46.2	46.6	46.6	46.4
82.5°	67.5	69.7	72.0	74.1	76.1	77.2	77.9	78.4	78.7	79.4	79.8
80°	97.9	101.2	104.3	106.9	108.9	110.5	111.7	112.7	113.4	114.2	114.8
77.5°	132.4	136.2	139.7	142.8	145.5	147.9	150.1	151.7	153.0	154.9	156.7
75°	169.2	173.4	177.8	181.7	185.1	188.8	192.4	195.7	198.6	201.1	203.0
72.5°	206.4	210.7	216.1	221.1	225.7	230.7	235.5	239.8	243.5	247.0	250.1
70°	243.0	247.1	254.0	260.7	267.0	272.9	278.7	284.0	288.6	293.1	297.2
67.5°	280.8	285.2	293.7	301.5	308.4	314.9	321.8	327.8	333.1	337.9	342.0
65°	321.2	325.1	334.4	342.8	350.1	356.2	363.6	370.2	376.1	381.3	385.7
62.5°	363.1	366.9	374.6	382.9	389.8	395.7	404.3	411.8	418.2	423.5	427.9
60°	405.5	408.8	414.7	423.9	431.7	438.1	445.7	452.9	459.1	464.3	468.9
57.5°	449.5	452.8	455.7	464.9	472.4	478.2	484.8	492.0	497.9	502.9	507.7
55°	495.0	497.6	496.7	505.2	512.2	517.0	522.0	529.5	535.4	539.8	544.2
52.5°	541.5	544.6	542.5	546.0	553.7	558.0	560.1	568.3	574.4	578.3	582.3
50°	593.3	595.8	593.9	591.8	599.3	603.7	604.9	611.5	617.0	620.0	622.9
47.5°	649.5	652.5	651.0	642.8	649.4	655.1	655.2	658.0	663.8	666.1	667.8
45°	710.6	716.4	715.1	709.4	708.5	714.3	713.7	711.5	718.1	721.0	721.9
42.5°	790.7	788.8	790.6	787.4	777.3	783.8	784.6	776.4	784.6	788.2	786.1
40°	888.8	870.9	880.8	879.3	869.9	868.4	873.6	866.8	868.1	873.2	869.3
37.5°	1005.5	992.8	987.4	991.8	989.0	977.0	986.6	984.2	976.6	985.2	981.4
35°	1149.2	1145.4	1116.6	1134.1	1137.8	1126.3	1129.6	1134.6	1118.0	1131.0	1129.7
32.5°	1317.2	1325.8	1319.5	1308.7	1325.1	1327.2	1308.2	1331.0	1321.9	1325.1	1334.1
30°	1507.5	1551.1	1572.4	1553.4	1563.6	1584.0	1574.7	1590.5	1598.0	1586.1	1608.6
27.5°	1839.9	1824.4	1875.3	1897.5	1873.8	1910.8	1937.7	1925.8	1965.1	1941.8	1975.1
25°	2262.3	2239.6	2253.2	2326.4	2342.7	2323.9	2399.7	2408.6	2439.9	2443.7	2466.9
22.5°	2758.6	2813.6	2807.2	2829.4	2921.4	2952.2	2980.2	3053.2	3036.5	3102.7	3114.1
20°	3313.6	3451.6	3546.7	3566.7	3606.0	3711.8	3760.3	3817.9	3856.5	3919.1	3972.0
17.5°	4252.3	4181.5	4368.1	4485.2	4546.9	4569.0	4696.3	4737.8	4833.5	4888.1	4942.4
15°	5457.6	5498.8	5414.6	5526.3	5715.0	5778.8	5705.5	5876.5	5924.6	6016.7	6033.0
12.5°	6745.9	6954.4	7056.6	7084.5	6985.8	7254.3	7361.8	7226.8	7379.9	7352.3	7478.3
10°	7975.1	8481.8	8785.1	8998.5	9128.2	9206.3	9283.9	9423.5	9425.9	9529.3	9468.9
7.5°	8984.3	9626.7	10240.5	10835.9	11312.1	11579.0	11788.7	11989.7	12258.0	12386.5	12470.0
5°	9971.6	10712.8	11447.2	12168.9	12822.5	13451.2	14067.4	14602.0	14885.3	15216.3	15511.4
2.5°	10610.2	11547.8	12485.6	13414.5	14169.8	14862.6	15504.0	16099.7	16622.3	17105.7	17513.9
0°	10734.9	11784.2	12762.5	13689.3	14539.5	15395.4	16142.7	16816.2	17385.4	17898.9	18245.4
-2.5°	10610.2	11547.8	12485.6	13414.5	14169.8	14862.6	15504.0	16099.7	16622.3	17105.7	17513.9
-5°	9971.6	10712.8	11447.2	12168.9	12822.5	13451.2	14067.4	14602.0	14885.3	15216.3	15511.4
-7.5°	8984.3	9626.7	10240.5	10835.9	11312.1	11579.0	11788.7	11989.7	12258.0	12386.5	12470.0
-10°	7975.1	8481.8	8785.1	8998.5	9128.2	9206.3	9283.9	9423.5	9425.9	9529.3	9468.9
-12.5°	6745.9	6954.4	7056.6	7084.5	6985.8	7254.3	7361.8	7226.8	7379.9	7352.3	7478.3
-15°	5457.6	5498.8	5414.6	5526.3	5715.0	5778.8	5705.5	5876.5	5924.6	6016.7	6033.0
-17.5°	4252.3	4181.5	4368.1	4485.2	4546.9	4569.0	4696.3	4737.8	4833.5	4888.1	4942.4
-20°	3313.6	3451.6	3546.7	3566.7	3606.0	3711.8	3760.3	3817.9	3856.5	3919.1	3972.0



REPORT NUMBER: P558902 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2758.6	2813.6	2807.2	2829.4	2921.4	2952.2	2980.2	3053.2	3036.5	3102.7	3114.1
-25°	2262.3	2239.6	2253.2	2326.4	2342.7	2323.9	2399.7	2408.6	2439.9	2443.7	2466.9
-27.5°	1839.9	1824.4	1875.3	1897.5	1873.8	1910.8	1937.7	1925.8	1965.1	1941.8	1975.1
-30°	1507.5	1551.1	1572.4	1553.4	1563.6	1584.0	1574.7	1590.5	1598.0	1586.1	1608.6
-32.5°	1317.2	1325.8	1319.5	1308.7	1325.1	1327.2	1308.2	1331.0	1321.9	1325.1	1334.1
-35°	1149.2	1145.4	1116.6	1134.1	1137.8	1126.3	1129.6	1134.6	1118.0	1131.0	1129.7
-37.5°	1005.5	992.8	987.4	991.8	989.0	977.0	986.6	984.2	976.6	985.2	981.4
-40°	888.8	870.9	880.8	879.3	869.9	868.4	873.6	866.8	868.1	873.2	869.3
-42.5°	790.7	788.8	790.6	787.4	777.3	783.8	784.6	776.4	784.6	788.2	786.1
-45°	710.6	716.4	715.1	709.4	708.5	714.3	713.7	711.5	718.1	721.0	721.9
-47.5°	649.5	652.5	651.0	642.8	649.4	655.1	655.2	658.0	663.8	666.1	667.8
-50°	593.3	595.8	593.9	591.8	599.3	603.7	604.9	611.5	617.0	620.0	622.9
-52.5°	541.5	544.6	542.5	546.0	553.7	558.0	560.1	568.3	574.4	578.3	582.3
-55°	495.0	497.6	496.7	505.2	512.2	517.0	522.0	529.5	535.4	539.8	544.2
-57.5°	449.5	452.8	455.7	464.9	472.4	478.2	484.8	492.0	497.9	502.9	507.7
-60°	405.5	408.8	414.7	423.9	431.7	438.1	445.7	452.9	459.1	464.3	468.9
-62.5°	363.1	366.9	374.6	382.9	389.8	395.7	404.3	411.8	418.2	423.5	427.9
-65°	321.2	325.1	334.4	342.8	350.1	356.2	363.6	370.2	376.1	381.3	385.7
-67.5°	280.8	285.2	293.7	301.5	308.4	314.9	321.8	327.8	333.1	337.9	342.0
-70°	243.0	247.1	254.0	260.7	267.0	272.9	278.7	284.0	288.6	293.1	297.2
-72.5°	206.4	210.7	216.1	221.1	225.7	230.7	235.5	239.8	243.5	247.0	250.1
-75°	169.2	173.4	177.8	181.7	185.1	188.8	192.4	195.7	198.6	201.1	203.0
-77.5°	132.4	136.2	139.7	142.8	145.5	147.9	150.1	151.7	153.0	154.9	156.7
-80°	97.9	101.2	104.3	106.9	108.9	110.5	111.7	112.7	113.4	114.2	114.8
-82.5°	67.5	69.7	72.0	74.1	76.1	77.2	77.9	78.4	78.7	79.4	79.8
-85°	41.5	42.2	43.0	43.7	44.4	45.1	45.7	46.2	46.6	46.6	46.4
-87.5°	19.4	19.1	18.7	18.2	17.7	17.7	17.7	17.6	17.5	17.3	17.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558902 (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°
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°	16.9	16.6	17.4	18.1	17.4	16.6	16.9	17.1	17.3	17.5	17.6
85°	46.1	45.7	46.5	47.3	46.5	45.7	46.1	46.4	46.6	46.6	46.2
82.5°	80.2	80.3	80.6	80.7	80.6	80.3	80.2	79.8	79.4	78.7	78.4
80°	115.0	115.0	114.7	114.1	114.7	115.0	115.0	114.8	114.2	113.4	112.7
77.5°	158.1	159.1	159.8	160.0	159.8	159.1	158.1	156.7	154.9	153.0	151.7
75°	204.3	205.0	205.1	204.6	205.1	205.0	204.3	203.0	201.1	198.6	195.7
72.5°	252.7	254.7	255.1	254.7	255.1	254.7	252.7	250.1	247.0	243.5	239.8
70°	300.5	303.2	303.1	302.0	303.1	303.2	300.5	297.2	293.1	288.6	284.0
67.5°	345.2	347.6	349.5	350.7	349.5	347.6	345.2	342.0	337.9	333.1	327.8
65°	389.3	391.9	393.4	393.8	393.4	391.9	389.3	385.7	381.3	376.1	370.2
62.5°	431.3	433.7	435.1	435.6	435.1	433.7	431.3	427.9	423.5	418.2	411.8
60°	472.6	475.2	475.6	474.5	475.6	475.2	472.6	468.9	464.3	459.1	452.9
57.5°	511.4	514.1	514.1	512.1	514.1	514.1	511.4	507.7	502.9	497.9	492.0
55°	547.3	549.3	550.0	549.7	550.0	549.3	547.3	544.2	539.8	535.4	529.5
52.5°	585.3	586.9	587.6	587.3	587.6	586.9	585.3	582.3	578.3	574.4	568.3
50°	624.9	625.1	625.0	624.8	625.0	625.1	624.9	622.9	620.0	617.0	611.5
47.5°	670.2	670.6	670.8	670.8	670.8	670.6	670.2	667.8	666.1	663.8	658.0
45°	723.7	722.2	720.7	720.9	720.7	722.2	723.7	721.9	721.0	718.1	711.5
42.5°	788.0	786.4	784.4	784.9	784.4	786.4	788.0	786.1	788.2	784.6	776.4
40°	872.7	872.2	869.4	868.4	869.4	872.2	872.7	869.3	873.2	868.1	866.8
37.5°	982.0	980.4	974.1	971.3	974.1	980.4	982.0	981.4	985.2	976.6	984.2
35°	1125.8	1123.7	1114.0	1114.7	1114.0	1123.7	1125.8	1129.7	1131.0	1118.0	1134.6
32.5°	1329.6	1330.3	1315.6	1312.3	1315.6	1330.3	1329.6	1334.1	1325.1	1321.9	1331.0
30°	1594.7	1600.5	1583.2	1590.6	1583.2	1600.5	1594.7	1608.6	1586.1	1598.0	1590.5
27.5°	1974.5	1985.6	1970.4	1958.0	1970.4	1985.6	1974.5	1975.1	1941.8	1965.1	1925.8
25°	2497.4	2505.6	2488.2	2472.9	2488.2	2505.6	2497.4	2466.9	2443.7	2439.9	2408.6
22.5°	3178.0	3177.4	3176.6	3200.7	3176.6	3177.4	3178.0	3114.1	3102.7	3036.5	3053.2
20°	4006.2	3986.1	4016.2	4035.7	4016.2	3986.1	4006.2	3972.0	3919.1	3856.5	3817.9
17.5°	4955.0	4992.6	5021.5	5069.6	5021.5	4992.6	4955.0	4942.4	4888.1	4833.5	4737.8
15°	6073.8	6130.6	6159.4	6144.0	6159.4	6130.6	6073.8	6033.0	6016.7	5924.6	5876.5
12.5°	7482.7	7550.4	7500.4	7438.2	7500.4	7550.4	7482.7	7478.3	7352.3	7379.9	7226.8
10°	9469.8	9615.7	9623.8	9501.9	9623.8	9615.7	9469.8	9468.9	9529.3	9425.9	9423.5
7.5°	12518.5	12589.4	12697.1	12702.6	12697.1	12589.4	12518.5	12470.0	12386.5	12258.0	11989.7
5°	15645.2	15834.1	15955.8	16166.3	15955.8	15834.1	15645.2	15511.4	15216.3	14885.3	14602.0
2.5°	17777.6	18021.7	18115.5	18353.9	18115.5	18021.7	17777.6	17513.9	17105.7	16622.3	16099.7
0°	18554.3	18751.9	18870.2	18964.9	18870.2	18751.9	18554.3	18245.4	17898.9	17385.4	16816.2
-2.5°	17777.6	18021.7	18115.5	18353.9	18115.5	18021.7	17777.6	17513.9	17105.7	16622.3	16099.7
-5°	15645.2	15834.1	15955.8	16166.3	15955.8	15834.1	15645.2	15511.4	15216.3	14885.3	14602.0
-7.5°	12518.5	12589.4	12697.1	12702.6	12697.1	12589.4	12518.5	12470.0	12386.5	12258.0	11989.7
-10°	9469.8	9615.7	9623.8	9501.9	9623.8	9615.7	9469.8	9468.9	9529.3	9425.9	9423.5
-12.5°	7482.7	7550.4	7500.4	7438.2	7500.4	7550.4	7482.7	7478.3	7352.3	7379.9	7226.8
-15°	6073.8	6130.6	6159.4	6144.0	6159.4	6130.6	6073.8	6033.0	6016.7	5924.6	5876.5
-17.5°	4955.0	4992.6	5021.5	5069.6	5021.5	4992.6	4955.0	4942.4	4888.1	4833.5	4737.8
-20°	4006.2	3986.1	4016.2	4035.7	4016.2	3986.1	4006.2	3972.0	3919.1	3856.5	3817.9



REPORT NUMBER: P558902 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3178.0	3177.4	3176.6	3200.7	3176.6	3177.4	3178.0	3114.1	3102.7	3036.5	3053.2
-25°	2497.4	2505.6	2488.2	2472.9	2488.2	2505.6	2497.4	2466.9	2443.7	2439.9	2408.6
-27.5°	1974.5	1985.6	1970.4	1958.0	1970.4	1985.6	1974.5	1975.1	1941.8	1965.1	1925.8
-30°	1594.7	1600.5	1583.2	1590.6	1583.2	1600.5	1594.7	1608.6	1586.1	1598.0	1590.5
-32.5°	1329.6	1330.3	1315.6	1312.3	1315.6	1330.3	1329.6	1334.1	1325.1	1321.9	1331.0
-35°	1125.8	1123.7	1114.0	1114.7	1114.0	1123.7	1125.8	1129.7	1131.0	1118.0	1134.6
-37.5°	982.0	980.4	974.1	971.3	974.1	980.4	982.0	981.4	985.2	976.6	984.2
-40°	872.7	872.2	869.4	868.4	869.4	872.2	872.7	869.3	873.2	868.1	866.8
-42.5°	788.0	786.4	784.4	784.9	784.4	786.4	788.0	786.1	788.2	784.6	776.4
-45°	723.7	722.2	720.7	720.9	720.7	722.2	723.7	721.9	721.0	718.1	711.5
-47.5°	670.2	670.6	670.8	670.8	670.8	670.6	670.2	667.8	666.1	663.8	658.0
-50°	624.9	625.1	625.0	624.8	625.0	625.1	624.9	622.9	620.0	617.0	611.5
-52.5°	585.3	586.9	587.6	587.3	587.6	586.9	585.3	582.3	578.3	574.4	568.3
-55°	547.3	549.3	550.0	549.7	550.0	549.3	547.3	544.2	539.8	535.4	529.5
-57.5°	511.4	514.1	514.1	512.1	514.1	514.1	511.4	507.7	502.9	497.9	492.0
-60°	472.6	475.2	475.6	474.5	475.6	475.2	472.6	468.9	464.3	459.1	452.9
-62.5°	431.3	433.7	435.1	435.6	435.1	433.7	431.3	427.9	423.5	418.2	411.8
-65°	389.3	391.9	393.4	393.8	393.4	391.9	389.3	385.7	381.3	376.1	370.2
-67.5°	345.2	347.6	349.5	350.7	349.5	347.6	345.2	342.0	337.9	333.1	327.8
-70°	300.5	303.2	303.1	302.0	303.1	303.2	300.5	297.2	293.1	288.6	284.0
-72.5°	252.7	254.7	255.1	254.7	255.1	254.7	252.7	250.1	247.0	243.5	239.8
-75°	204.3	205.0	205.1	204.6	205.1	205.0	204.3	203.0	201.1	198.6	195.7
-77.5°	158.1	159.1	159.8	160.0	159.8	159.1	158.1	156.7	154.9	153.0	151.7
-80°	115.0	115.0	114.7	114.1	114.7	115.0	115.0	114.8	114.2	113.4	112.7
-82.5°	80.2	80.3	80.6	80.7	80.6	80.3	80.2	79.8	79.4	78.7	78.4
-85°	46.1	45.7	46.5	47.3	46.5	45.7	46.1	46.4	46.6	46.6	46.2
-87.5°	16.9	16.6	17.4	18.1	17.4	16.6	16.9	17.1	17.3	17.5	17.6
-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: P558902 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-U-NAT-XX

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°	17.7	17.7	17.7	18.2	18.7	19.1	19.4	18.8	18.2	17.5	16.8
85°	45.7	45.1	44.4	43.7	43.0	42.2	41.5	40.8	40.0	38.9	37.5
82.5°	77.9	77.2	76.1	74.1	72.0	69.7	67.5	66.3	64.9	63.3	61.6
80°	111.7	110.5	108.9	106.9	104.3	101.2	97.9	95.4	92.5	89.7	87.5
77.5°	150.1	147.9	145.5	142.8	139.7	136.2	132.4	129.2	125.7	121.6	118.1
75°	192.4	188.8	185.1	181.7	177.8	173.4	169.2	165.4	160.9	155.6	151.4
72.5°	235.5	230.7	225.7	221.1	216.1	210.7	206.4	202.5	197.4	191.2	187.0
70°	278.7	272.9	267.0	260.7	254.0	247.1	243.0	239.5	234.8	228.4	224.6
67.5°	321.8	314.9	308.4	301.5	293.7	285.2	280.8	276.2	270.9	264.5	262.8
65°	363.6	356.2	350.1	342.8	334.4	325.1	321.2	316.1	309.6	302.6	301.5
62.5°	404.3	395.7	389.8	382.9	374.6	366.9	363.1	357.3	349.8	344.6	343.9
60°	445.7	438.1	431.7	423.9	414.7	408.8	405.5	399.5	390.9	388.8	387.9
57.5°	484.8	478.2	472.4	464.9	455.7	452.8	449.5	443.3	434.4	435.6	433.6
55°	522.0	517.0	512.2	505.2	496.7	497.6	495.0	488.9	483.6	485.2	482.7
52.5°	560.1	558.0	553.7	546.0	542.5	544.6	541.5	535.5	536.6	538.4	534.4
50°	604.9	603.7	599.3	591.8	593.9	595.8	593.3	585.8	593.0	594.6	589.4
47.5°	655.2	655.1	649.4	642.8	651.0	652.5	649.5	650.0	656.2	654.5	648.0
45°	713.7	714.3	708.5	709.4	715.1	716.4	710.6	721.3	725.2	721.6	710.0
42.5°	784.6	783.8	777.3	787.4	790.6	788.8	790.7	801.9	802.0	794.0	794.5
40°	873.6	868.4	869.9	879.3	880.8	870.9	888.8	893.1	889.2	874.2	895.3
37.5°	986.6	977.0	989.0	991.8	987.4	992.8	1005.5	1002.9	986.0	1000.8	1013.9
35°	1129.6	1126.3	1137.8	1134.1	1116.6	1145.4	1149.2	1131.2	1125.1	1152.0	1150.5
32.5°	1308.2	1327.2	1325.1	1308.7	1319.5	1325.8	1317.2	1286.8	1325.7	1336.0	1312.2
30°	1574.7	1584.0	1563.6	1553.4	1572.4	1551.1	1507.5	1551.9	1568.8	1547.7	1495.0
27.5°	1937.7	1910.8	1873.8	1897.5	1875.3	1824.4	1839.9	1862.4	1842.7	1792.0	1732.2
25°	2399.7	2323.9	2342.7	2326.4	2253.2	2239.6	2262.3	2236.8	2166.0	2090.0	2173.6
22.5°	2980.2	2952.2	2921.4	2829.4	2807.2	2813.6	2758.6	2656.2	2593.9	2673.7	2676.3
20°	3760.3	3711.8	3606.0	3566.7	3546.7	3451.6	3313.6	3299.5	3364.8	3331.3	3230.3
17.5°	4696.3	4569.0	4546.9	4485.2	4368.1	4181.5	4252.3	4276.7	4214.4	4040.3	3828.3
15°	5705.5	5778.8	5715.0	5526.3	5414.6	5498.8	5457.6	5321.4	5132.5	4814.0	4453.1
12.5°	7361.8	7254.3	6985.8	7084.5	7056.6	6954.4	6745.9	6446.3	6054.1	5538.1	5018.3
10°	9283.9	9206.3	9128.2	8998.5	8785.1	8481.8	7975.1	7412.3	6826.4	6217.9	5586.4
7.5°	11788.7	11579.0	11312.1	10835.9	10240.5	9626.7	8984.3	8312.7	7597.4	6887.3	6149.4
5°	14067.4	13451.2	12822.5	12168.9	11447.2	10712.8	9971.6	9197.7	8354.8	7537.2	6695.2
2.5°	15504.0	14862.6	14169.8	13414.5	12485.6	11547.8	10610.2	9673.0	8669.4	7724.1	6779.4
0°	16142.7	15395.4	14539.5	13689.3	12762.5	11784.2	10734.9	9773.3	8746.3	7784.7	6827.2
-2.5°	15504.0	14862.6	14169.8	13414.5	12485.6	11547.8	10610.2	9673.0	8669.4	7724.1	6779.4
-5°	14067.4	13451.2	12822.5	12168.9	11447.2	10712.8	9971.6	9197.7	8354.8	7537.2	6695.2
-7.5°	11788.7	11579.0	11312.1	10835.9	10240.5	9626.7	8984.3	8312.7	7597.4	6887.3	6149.4
-10°	9283.9	9206.3	9128.2	8998.5	8785.1	8481.8	7975.1	7412.3	6826.4	6217.9	5586.4
-12.5°	7361.8	7254.3	6985.8	7084.5	7056.6	6954.4	6745.9	6446.3	6054.1	5538.1	5018.3
-15°	5705.5	5778.8	5715.0	5526.3	5414.6	5498.8	5457.6	5321.4	5132.5	4814.0	4453.1
-17.5°	4696.3	4569.0	4546.9	4485.2	4368.1	4181.5	4252.3	4276.7	4214.4	4040.3	3828.3
-20°	3760.3	3711.8	3606.0	3566.7	3546.7	3451.6	3313.6	3299.5	3364.8	3331.3	3230.3



REPORT NUMBER: P558902 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2980.2	2952.2	2921.4	2829.4	2807.2	2813.6	2758.6	2656.2	2593.9	2673.7	2676.3
-25°	2399.7	2323.9	2342.7	2326.4	2253.2	2239.6	2262.3	2236.8	2166.0	2090.0	2173.6
-27.5°	1937.7	1910.8	1873.8	1897.5	1875.3	1824.4	1839.9	1862.4	1842.7	1792.0	1732.2
-30°	1574.7	1584.0	1563.6	1553.4	1572.4	1551.1	1507.5	1551.9	1568.8	1547.7	1495.0
-32.5°	1308.2	1327.2	1325.1	1308.7	1319.5	1325.8	1317.2	1286.8	1325.7	1336.0	1312.2
-35°	1129.6	1126.3	1137.8	1134.1	1116.6	1145.4	1149.2	1131.2	1125.1	1152.0	1150.5
-37.5°	986.6	977.0	989.0	991.8	987.4	992.8	1005.5	1002.9	986.0	1000.8	1013.9
-40°	873.6	868.4	869.9	879.3	880.8	870.9	888.8	893.1	889.2	874.2	895.3
-42.5°	784.6	783.8	777.3	787.4	790.6	788.8	790.7	801.9	802.0	794.0	794.5
-45°	713.7	714.3	708.5	709.4	715.1	716.4	710.6	721.3	725.2	721.6	710.0
-47.5°	655.2	655.1	649.4	642.8	651.0	652.5	649.5	650.0	656.2	654.5	648.0
-50°	604.9	603.7	599.3	591.8	593.9	595.8	593.3	585.8	593.0	594.6	589.4
-52.5°	560.1	558.0	553.7	546.0	542.5	544.6	541.5	535.5	536.6	538.4	534.4
-55°	522.0	517.0	512.2	505.2	496.7	497.6	495.0	488.9	483.6	485.2	482.7
-57.5°	484.8	478.2	472.4	464.9	455.7	452.8	449.5	443.3	434.4	435.6	433.6
-60°	445.7	438.1	431.7	423.9	414.7	408.8	405.5	399.5	390.9	388.8	387.9
-62.5°	404.3	395.7	389.8	382.9	374.6	366.9	363.1	357.3	349.8	344.6	343.9
-65°	363.6	356.2	350.1	342.8	334.4	325.1	321.2	316.1	309.6	302.6	301.5
-67.5°	321.8	314.9	308.4	301.5	293.7	285.2	280.8	276.2	270.9	264.5	262.8
-70°	278.7	272.9	267.0	260.7	254.0	247.1	243.0	239.5	234.8	228.4	224.6
-72.5°	235.5	230.7	225.7	221.1	216.1	210.7	206.4	202.5	197.4	191.2	187.0
-75°	192.4	188.8	185.1	181.7	177.8	173.4	169.2	165.4	160.9	155.6	151.4
-77.5°	150.1	147.9	145.5	142.8	139.7	136.2	132.4	129.2	125.7	121.6	118.1
-80°	111.7	110.5	108.9	106.9	104.3	101.2	97.9	95.4	92.5	89.7	87.5
-82.5°	77.9	77.2	76.1	74.1	72.0	69.7	67.5	66.3	64.9	63.3	61.6
-85°	45.7	45.1	44.4	43.7	43.0	42.2	41.5	40.8	40.0	38.9	37.5
-87.5°	17.7	17.7	17.7	18.2	18.7	19.1	19.4	18.8	18.2	17.5	16.8
-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: P558902 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-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°	16.2	15.7	15.0	14.3	13.6	12.8	12.0	11.2	10.4	9.5	8.6
85°	36.2	34.7	32.8	30.7	28.4	25.7	24.0	22.3	20.7	19.0	17.1
82.5°	59.9	58.0	55.8	53.2	51.0	48.0	44.2	39.8	34.7	29.1	25.7
80°	86.8	85.0	82.3	78.5	74.7	70.4	66.2	60.9	54.5	47.3	39.5
77.5°	116.6	114.1	110.6	106.6	101.8	96.1	89.7	82.5	74.2	65.6	56.0
75°	148.9	146.0	142.0	136.6	129.8	122.0	114.2	105.5	95.6	83.9	72.4
72.5°	184.3	180.1	174.6	167.3	159.3	150.1	139.6	128.7	117.6	104.5	89.5
70°	220.9	215.5	208.9	201.2	190.9	178.4	166.4	154.1	139.7	125.1	108.3
67.5°	258.8	252.6	244.6	236.0	225.2	211.3	194.1	180.3	164.8	145.7	127.1
65°	298.1	291.3	281.4	272.8	260.6	245.1	226.8	208.3	190.2	169.5	145.8
62.5°	339.6	331.9	322.5	311.2	297.3	280.3	260.0	240.3	216.6	193.4	166.7
60°	383.3	375.0	365.3	353.3	336.5	316.3	295.6	272.5	246.7	217.4	188.6
57.5°	428.6	419.4	411.4	397.5	378.5	355.0	332.6	307.4	276.8	244.3	210.5
55°	475.5	467.0	459.7	444.8	422.7	396.2	372.8	344.2	308.1	271.9	232.3
52.5°	525.6	519.6	510.9	494.2	470.1	441.7	418.4	382.0	343.5	299.3	256.8
50°	578.5	578.3	566.8	546.7	519.1	495.6	466.4	426.9	379.5	328.4	281.7
47.5°	643.7	642.7	629.2	603.0	571.4	553.7	520.7	474.2	416.1	361.5	306.6
45°	717.8	712.8	696.2	666.9	638.6	619.6	579.3	523.1	460.7	395.4	331.7
42.5°	800.0	791.1	768.1	733.9	722.4	692.4	641.1	578.9	506.4	429.3	359.4
40°	896.3	877.5	845.7	828.4	816.5	771.3	712.4	637.6	553.0	465.6	388.8
37.5°	1002.8	975.2	932.9	945.9	921.1	865.2	788.7	698.2	601.8	506.6	417.8
35°	1127.4	1084.2	1085.2	1083.3	1041.0	965.7	868.9	763.8	655.9	547.5	446.4
32.5°	1263.7	1252.4	1271.6	1240.6	1172.1	1072.3	958.7	836.0	710.7	588.2	474.5
30°	1457.1	1503.4	1482.9	1413.5	1316.9	1194.6	1055.2	909.9	765.9	628.3	503.4
27.5°	1790.7	1789.2	1720.9	1613.3	1479.3	1324.3	1152.7	985.1	821.4	670.4	536.1
25°	2167.3	2113.4	1996.1	1833.1	1651.6	1454.1	1251.8	1061.4	881.8	715.7	567.9
22.5°	2597.4	2466.6	2294.4	2067.3	1822.1	1587.6	1357.4	1144.9	944.2	760.2	598.6
20°	3062.6	2843.2	2606.5	2296.9	2005.9	1733.0	1469.2	1227.6	1005.8	803.6	628.0
17.5°	3560.7	3232.0	2903.8	2545.5	2199.0	1879.6	1580.7	1309.0	1065.9	845.5	655.9
15°	4043.2	3620.6	3209.8	2795.8	2392.8	2025.9	1690.9	1388.3	1124.2	885.6	677.9
12.5°	4518.9	4014.6	3520.2	3045.0	2585.0	2170.1	1798.5	1464.8	1180.1	914.3	692.3
10°	4993.7	4408.5	3830.2	3289.8	2773.3	2310.6	1902.2	1524.5	1206.4	932.7	704.1
7.5°	5461.4	4796.3	4135.0	3527.0	2935.6	2402.5	1946.6	1551.6	1223.8	947.6	713.5
5°	5842.9	5049.4	4273.7	3597.3	2981.2	2438.9	1974.0	1572.5	1235.7	958.8	720.4
2.5°	5894.4	5091.0	4294.4	3625.1	3011.6	2463.9	1992.1	1587.1	1242.5	966.3	724.7
0°	5914.3	5104.4	4291.7	3633.5	3026.8	2477.1	2001.1	1594.8	1244.1	970.0	726.4
-2.5°	5894.4	5091.0	4294.4	3625.1	3011.6	2463.9	1992.1	1587.1	1242.5	966.3	724.7
-5°	5842.9	5049.4	4273.7	3597.3	2981.2	2438.9	1974.0	1572.5	1235.7	958.8	720.4
-7.5°	5461.4	4796.3	4135.0	3527.0	2935.6	2402.5	1946.6	1551.6	1223.8	947.6	713.5
-10°	4993.7	4408.5	3830.2	3289.8	2773.3	2310.6	1902.2	1524.5	1206.4	932.7	704.1
-12.5°	4518.9	4014.6	3520.2	3045.0	2585.0	2170.1	1798.5	1464.8	1180.1	914.3	692.3
-15°	4043.2	3620.6	3209.8	2795.8	2392.8	2025.9	1690.9	1388.3	1124.2	885.6	677.9
-17.5°	3560.7	3232.0	2903.8	2545.5	2199.0	1879.6	1580.7	1309.0	1065.9	845.5	655.9
-20°	3062.6	2843.2	2606.5	2296.9	2005.9	1733.0	1469.2	1227.6	1005.8	803.6	628.0



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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°	2597.4	2466.6	2294.4	2067.3	1822.1	1587.6	1357.4	1144.9	944.2	760.2	598.6
-25°	2167.3	2113.4	1996.1	1833.1	1651.6	1454.1	1251.8	1061.4	881.8	715.7	567.9
-27.5°	1790.7	1789.2	1720.9	1613.3	1479.3	1324.3	1152.7	985.1	821.4	670.4	536.1
-30°	1457.1	1503.4	1482.9	1413.5	1316.9	1194.6	1055.2	909.9	765.9	628.3	503.4
-32.5°	1263.7	1252.4	1271.6	1240.6	1172.1	1072.3	958.7	836.0	710.7	588.2	474.5
-35°	1127.4	1084.2	1085.2	1083.3	1041.0	965.7	868.9	763.8	655.9	547.5	446.4
-37.5°	1002.8	975.2	932.9	945.9	921.1	865.2	788.7	698.2	601.8	506.6	417.8
-40°	896.3	877.5	845.7	828.4	816.5	771.3	712.4	637.6	553.0	465.6	388.8
-42.5°	800.0	791.1	768.1	733.9	722.4	692.4	641.1	578.9	506.4	429.3	359.4
-45°	717.8	712.8	696.2	666.9	638.6	619.6	579.3	523.1	460.7	395.4	331.7
-47.5°	643.7	642.7	629.2	603.0	571.4	553.7	520.7	474.2	416.1	361.5	306.6
-50°	578.5	578.3	566.8	546.7	519.1	495.6	466.4	426.9	379.5	328.4	281.7
-52.5°	525.6	519.6	510.9	494.2	470.1	441.7	418.4	382.0	343.5	299.3	256.8
-55°	475.5	467.0	459.7	444.8	422.7	396.2	372.8	344.2	308.1	271.9	232.3
-57.5°	428.6	419.4	411.4	397.5	378.5	355.0	332.6	307.4	276.8	244.3	210.5
-60°	383.3	375.0	365.3	353.3	336.5	316.3	295.6	272.5	246.7	217.4	188.6
-62.5°	339.6	331.9	322.5	311.2	297.3	280.3	260.0	240.3	216.6	193.4	166.7
-65°	298.1	291.3	281.4	272.8	260.6	245.1	226.8	208.3	190.2	169.5	145.8
-67.5°	258.8	252.6	244.6	236.0	225.2	211.3	194.1	180.3	164.8	145.7	127.1
-70°	220.9	215.5	208.9	201.2	190.9	178.4	166.4	154.1	139.7	125.1	108.3
-72.5°	184.3	180.1	174.6	167.3	159.3	150.1	139.6	128.7	117.6	104.5	89.5
-75°	148.9	146.0	142.0	136.6	129.8	122.0	114.2	105.5	95.6	83.9	72.4
-77.5°	116.6	114.1	110.6	106.6	101.8	96.1	89.7	82.5	74.2	65.6	56.0
-80°	86.8	85.0	82.3	78.5	74.7	70.4	66.2	60.9	54.5	47.3	39.5
-82.5°	59.9	58.0	55.8	53.2	51.0	48.0	44.2	39.8	34.7	29.1	25.7
-85°	36.2	34.7	32.8	30.7	28.4	25.7	24.0	22.3	20.7	19.0	17.1
-87.5°	16.2	15.7	15.0	14.3	13.6	12.8	12.0	11.2	10.4	9.5	8.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.6	6.7	5.7	4.5	3.2	1.6	0.0
85°	15.1	13.4	11.4	9.0	6.3	3.2	0.0
82.5°	22.7	20.1	17.0	13.5	9.4	4.7	0.0
80°	31.1	26.8	22.7	17.9	12.6	6.3	0.0
77.5°	45.8	35.5	28.3	22.4	15.7	7.8	0.0
75°	60.4	48.2	34.8	26.8	18.7	9.4	0.0
72.5°	75.0	60.7	45.2	31.2	21.7	10.9	0.0
70°	89.8	73.2	55.5	36.3	24.7	12.4	0.0
67.5°	106.7	85.6	65.6	44.1	27.7	13.8	0.0
65°	123.5	99.0	75.7	51.9	30.6	15.3	0.0
62.5°	140.3	113.5	85.7	59.5	33.4	16.7	0.0
60°	157.0	127.8	95.5	67.0	36.2	18.1	0.0
57.5°	175.9	142.0	107.0	74.4	41.1	19.4	0.0
55°	194.9	156.0	118.5	81.6	45.9	20.8	0.0
52.5°	213.6	170.2	129.8	88.7	50.5	22.0	0.0
50°	232.1	185.7	140.8	95.6	55.1	23.3	0.0
47.5°	250.7	200.9	151.7	102.7	59.5	24.5	0.0
45°	272.4	215.8	162.2	110.6	63.7	25.6	0.0
42.5°	293.8	230.3	172.5	118.3	67.8	26.7	0.0
40°	315.1	244.4	183.1	125.5	71.7	27.7	0.0
37.5°	336.0	258.0	193.9	132.2	75.5	28.7	0.0
35°	356.7	273.5	204.3	138.5	79.0	29.7	0.0
32.5°	377.9	289.7	214.3	144.3	82.4	30.5	0.0
30°	400.5	305.4	223.8	149.7	85.6	31.3	0.0
27.5°	422.4	320.6	231.7	154.7	88.5	32.1	0.0
25°	443.4	335.0	238.9	159.2	91.3	32.8	0.0
22.5°	463.5	348.0	245.7	163.3	93.8	33.4	0.0
20°	482.6	357.8	251.8	166.9	96.1	34.0	0.0
17.5°	497.0	366.5	257.4	170.0	98.2	34.5	0.0
15°	507.7	374.0	262.4	172.7	100.0	35.0	0.0
12.5°	516.9	380.2	266.8	175.0	101.6	35.3	0.0
10°	524.5	385.3	270.5	176.8	103.0	35.6	0.0
7.5°	530.5	389.1	273.5	178.1	104.1	35.9	0.0
5°	534.9	391.8	275.8	179.0	104.9	36.1	0.0
2.5°	537.6	393.4	277.4	179.5	105.5	36.2	0.0
0°	538.6	393.8	278.3	179.5	105.8	36.2	0.0
-2.5°	537.6	393.4	277.4	179.5	105.5	36.2	0.0
-5°	534.9	391.8	275.8	179.0	104.9	36.1	0.0
-7.5°	530.5	389.1	273.5	178.1	104.1	35.9	0.0
-10°	524.5	385.3	270.5	176.8	103.0	35.6	0.0
-12.5°	516.9	380.2	266.8	175.0	101.6	35.3	0.0
-15°	507.7	374.0	262.4	172.7	100.0	35.0	0.0
-17.5°	497.0	366.5	257.4	170.0	98.2	34.5	0.0
-20°	482.6	357.8	251.8	166.9	96.1	34.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	463.5	348.0	245.7	163.3	93.8	33.4	0.0
-25°	443.4	335.0	238.9	159.2	91.3	32.8	0.0
-27.5°	422.4	320.6	231.7	154.7	88.5	32.1	0.0
-30°	400.5	305.4	223.8	149.7	85.6	31.3	0.0
-32.5°	377.9	289.7	214.3	144.3	82.4	30.5	0.0
-35°	356.7	273.5	204.3	138.5	79.0	29.7	0.0
-37.5°	336.0	258.0	193.9	132.2	75.5	28.7	0.0
-40°	315.1	244.4	183.1	125.5	71.7	27.7	0.0
-42.5°	293.8	230.3	172.5	118.3	67.8	26.7	0.0
-45°	272.4	215.8	162.2	110.6	63.7	25.6	0.0
-47.5°	250.7	200.9	151.7	102.7	59.5	24.5	0.0
-50°	232.1	185.7	140.8	95.6	55.1	23.3	0.0
-52.5°	213.6	170.2	129.8	88.7	50.5	22.0	0.0
-55°	194.9	156.0	118.5	81.6	45.9	20.8	0.0
-57.5°	175.9	142.0	107.0	74.4	41.1	19.4	0.0
-60°	157.0	127.8	95.5	67.0	36.2	18.1	0.0
-62.5°	140.3	113.5	85.7	59.5	33.4	16.7	0.0
-65°	123.5	99.0	75.7	51.9	30.6	15.3	0.0
-67.5°	106.7	85.6	65.6	44.1	27.7	13.8	0.0
-70°	89.8	73.2	55.5	36.3	24.7	12.4	0.0
-72.5°	75.0	60.7	45.2	31.2	21.7	10.9	0.0
-75°	60.4	48.2	34.8	26.8	18.7	9.4	0.0
-77.5°	45.8	35.5	28.3	22.4	15.7	7.8	0.0
-80°	31.1	26.8	22.7	17.9	12.6	6.3	0.0
-82.5°	22.7	20.1	17.0	13.5	9.4	4.7	0.0
-85°	15.1	13.4	11.4	9.0	6.3	3.2	0.0
-87.5°	7.6	6.7	5.7	4.5	3.2	1.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)