

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: P559006 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-927-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559006 (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-SA5B-927-U-NAT-XX
Description: GALLEON FLOOD, FIVE LIGHT SQUARE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (80) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

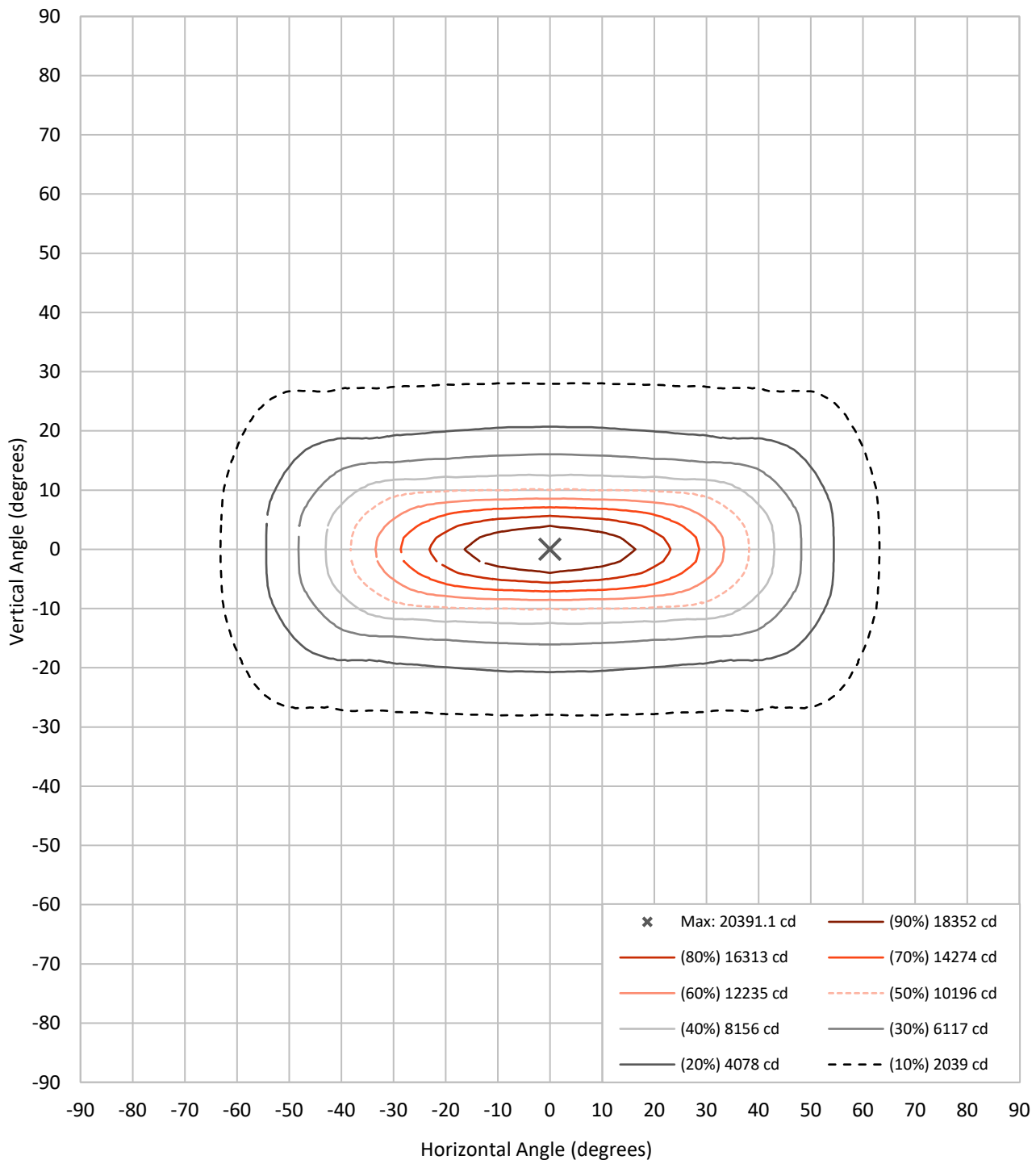
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	14603.7 lumens	Max Intensity:	20391.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	94.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	5842.9 lumens	Field Lumens:	11969.3 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 154
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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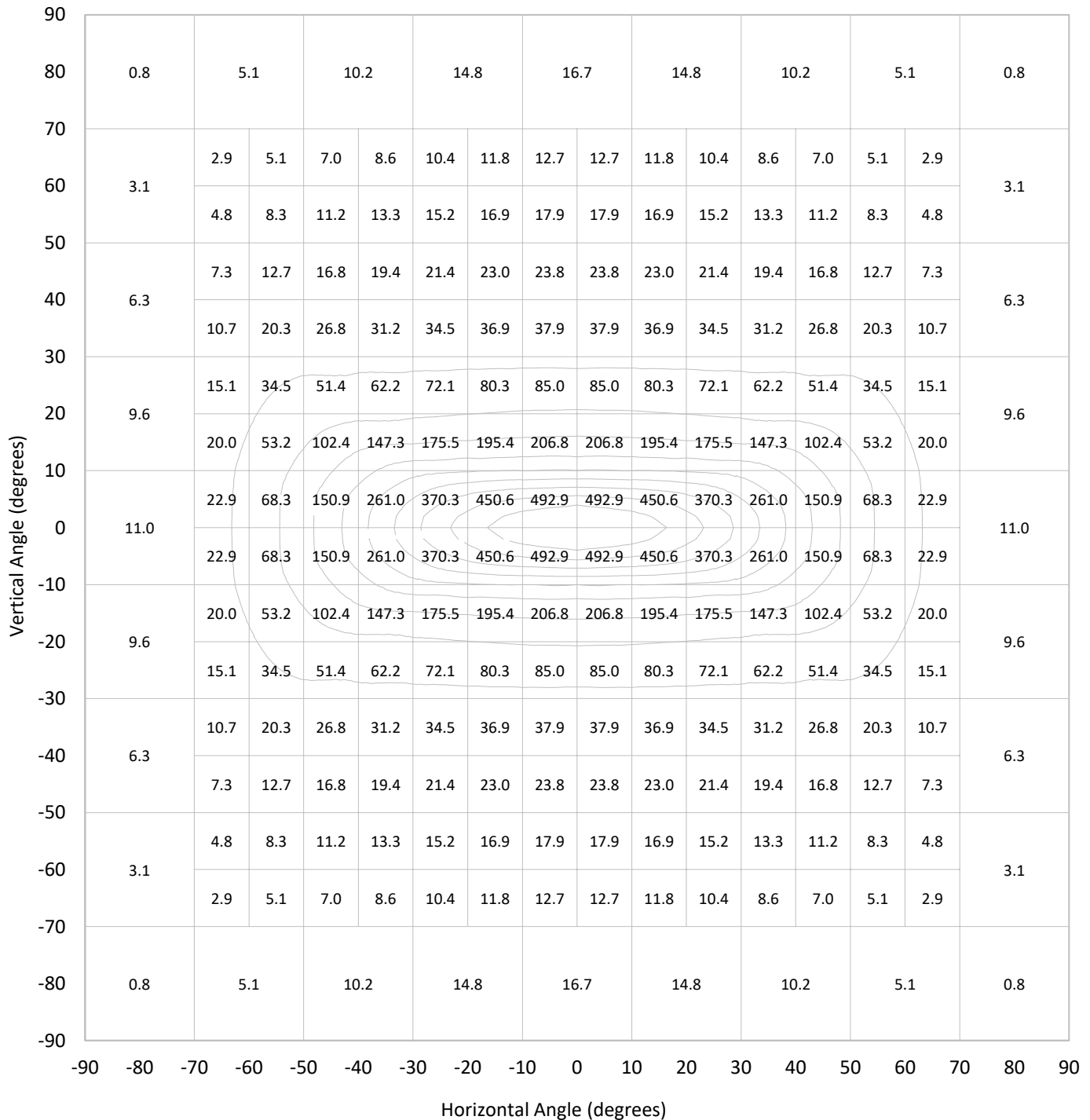
Iso-Candela Plot





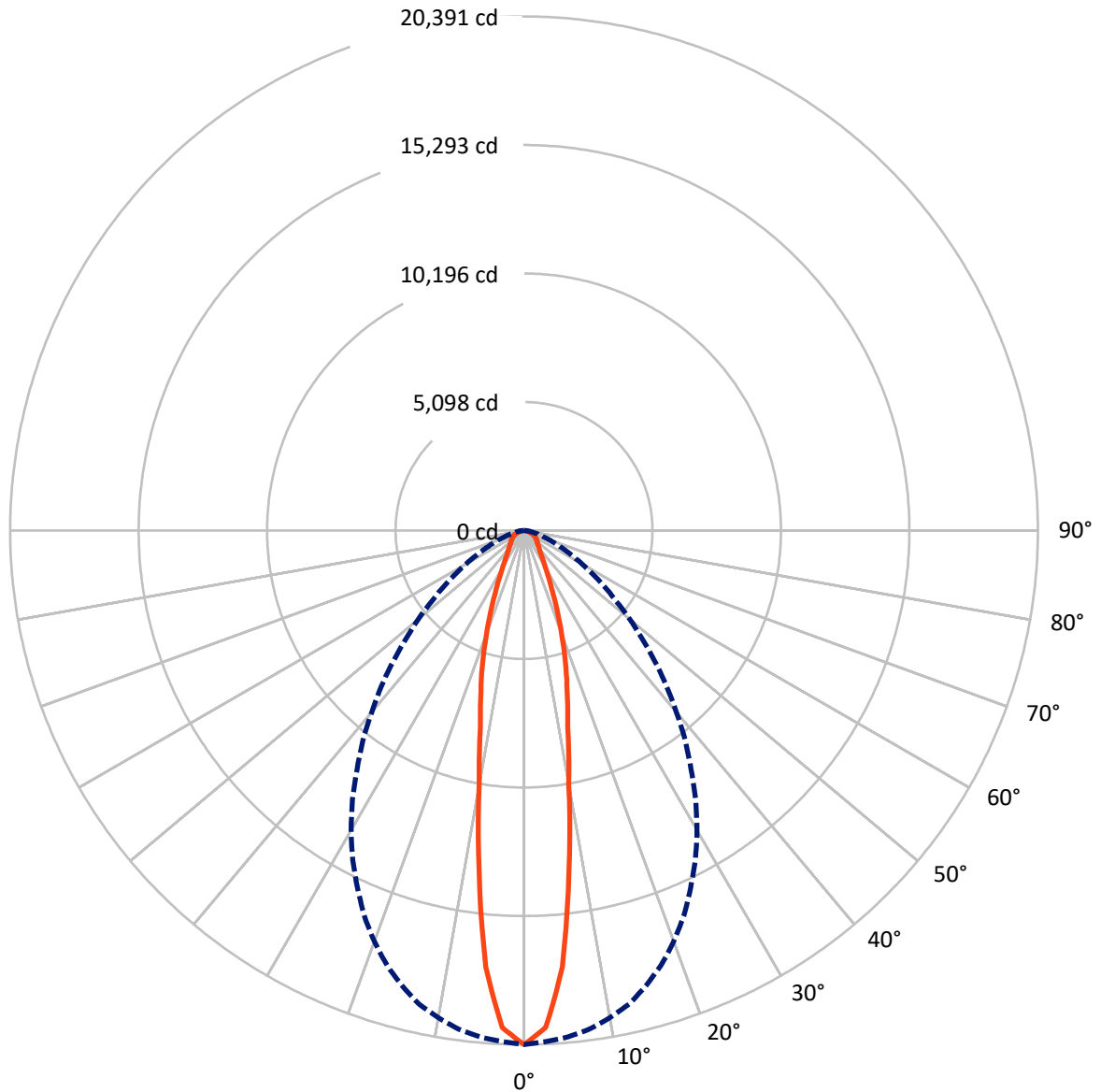
REPORT NUMBER: P559006 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



REPORT NUMBER: P559006 (CONVERTED FROM TYPE C PHOTOMETRY)
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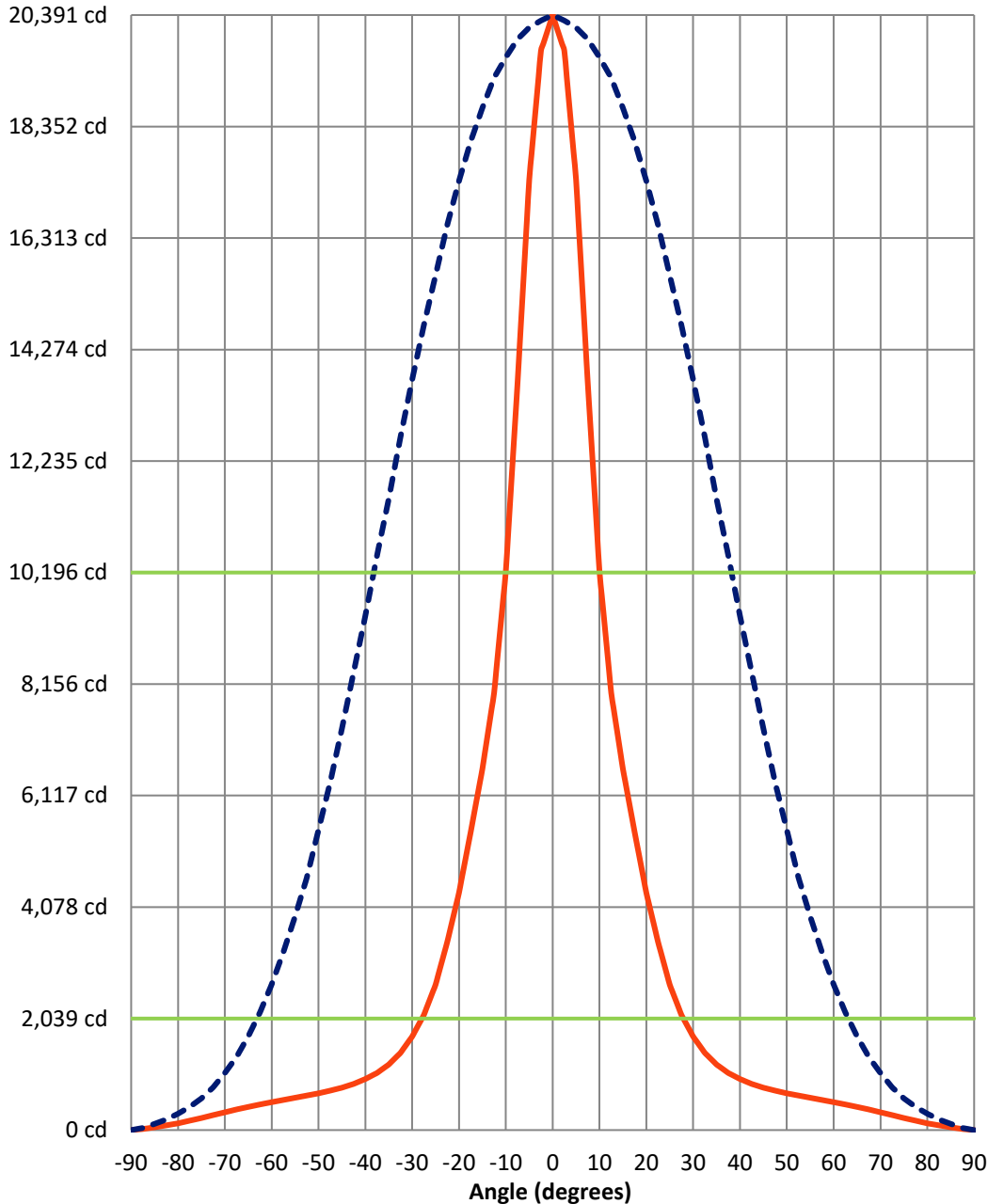
Luminous Intensity Polar Plot



— 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: 5842.9
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 11969.3
 Efficiency: 82.0%

Spill:
 Lumens: 2634.4
 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	1.7	3.4	4.8	6.1	7.2	8.1	9.2	10.2	11.2	12.0
85°	0.0	3.4	6.8	9.7	12.2	14.4	16.3	18.4	20.4	22.3	24.0
82.5°	0.0	5.1	10.1	14.5	18.3	21.6	24.4	27.6	31.3	37.3	42.8
80°	0.0	6.8	13.5	19.3	24.4	28.8	33.4	42.5	50.9	58.6	65.5
77.5°	0.0	8.4	16.8	24.1	30.4	38.2	49.2	60.2	70.5	79.8	88.7
75°	0.0	10.1	20.1	28.8	37.4	51.8	64.9	77.9	90.3	102.8	113.5
72.5°	0.0	11.7	23.4	33.5	48.6	65.3	80.6	96.2	112.4	126.4	138.3
70°	0.0	13.3	26.6	39.0	59.6	78.7	96.5	116.4	134.5	150.2	165.6
67.5°	0.0	14.9	29.7	47.4	70.6	92.0	114.7	136.6	156.6	177.2	193.8
65°	0.0	16.4	32.8	55.7	81.4	106.4	132.8	156.7	182.2	204.5	224.0
62.5°	0.0	18.0	35.9	64.0	92.1	122.0	150.8	179.3	208.0	232.9	258.4
60°	0.0	19.4	38.9	72.0	102.6	137.4	168.7	202.8	233.8	265.2	293.0
57.5°	0.0	20.9	44.1	80.0	115.1	152.7	189.1	226.4	262.7	297.6	330.5
55°	0.0	22.3	49.3	87.7	127.4	167.8	209.5	249.8	292.3	331.3	370.1
52.5°	0.0	23.7	54.3	95.3	139.5	183.0	229.7	276.1	321.8	369.3	410.7
50°	0.0	25.0	59.2	102.7	151.4	199.7	249.5	302.8	353.0	408.0	459.0
47.5°	0.0	26.3	63.9	110.3	163.1	216.0	269.6	329.7	388.6	447.4	509.8
45°	0.0	27.5	68.5	118.9	174.4	232.0	292.8	356.6	425.1	495.3	562.4
42.5°	0.0	28.7	72.9	127.2	185.5	247.6	315.9	386.4	461.5	544.5	622.4
40°	0.0	29.8	77.1	134.9	196.9	262.7	338.7	418.0	500.5	594.6	685.5
37.5°	0.0	30.9	81.1	142.1	208.5	277.4	361.3	449.2	544.7	647.1	750.7
35°	0.0	31.9	84.9	148.9	219.7	294.1	383.5	479.9	588.7	705.2	821.3
32.5°	0.0	32.8	88.6	155.1	230.4	311.5	406.2	510.1	632.4	764.1	898.9
30°	0.0	33.7	92.0	161.0	240.6	328.4	430.6	541.2	675.6	823.5	978.4
27.5°	0.0	34.5	95.2	166.3	249.1	344.6	454.1	576.4	720.8	883.2	1059.2
25°	0.0	35.3	98.1	171.2	256.9	360.2	476.7	610.6	769.6	948.1	1141.3
22.5°	0.0	35.9	100.8	175.5	264.1	374.1	498.3	643.6	817.4	1015.2	1231.0
20°	0.0	36.6	103.3	179.4	270.8	384.7	518.9	675.2	864.1	1081.4	1319.9
17.5°	0.0	37.1	105.5	182.8	276.8	394.0	534.3	705.3	909.1	1146.1	1407.4
15°	0.0	37.6	107.5	185.7	282.2	402.1	545.9	729.0	952.2	1208.7	1492.7
12.5°	0.0	38.0	109.2	188.1	286.9	408.8	555.7	744.4	983.1	1268.8	1575.0
10°	0.0	38.3	110.7	190.1	290.9	414.2	563.9	757.2	1002.8	1297.1	1639.2
7.5°	0.0	38.6	111.8	191.5	294.1	418.4	570.4	767.2	1018.8	1315.8	1668.3
5°	0.0	38.8	112.7	192.5	296.6	421.3	575.1	774.6	1030.9	1328.7	1690.8
2.5°	0.0	38.9	113.4	193.0	298.4	423.0	578.0	779.2	1038.9	1335.9	1706.4
0°	0.0	38.9	113.7	193.0	299.3	423.4	579.1	781.1	1042.9	1337.7	1714.7
-2.5°	0.0	38.9	113.4	193.0	298.4	423.0	578.0	779.2	1038.9	1335.9	1706.4
-5°	0.0	38.8	112.7	192.5	296.6	421.3	575.1	774.6	1030.9	1328.7	1690.8
-7.5°	0.0	38.6	111.8	191.5	294.1	418.4	570.4	767.2	1018.8	1315.8	1668.3
-10°	0.0	38.3	110.7	190.1	290.9	414.2	563.9	757.2	1002.8	1297.1	1639.2
-12.5°	0.0	38.0	109.2	188.1	286.9	408.8	555.7	744.4	983.1	1268.8	1575.0
-15°	0.0	37.6	107.5	185.7	282.2	402.1	545.9	729.0	952.2	1208.7	1492.7
-17.5°	0.0	37.1	105.5	182.8	276.8	394.0	534.3	705.3	909.1	1146.1	1407.4
-20°	0.0	36.6	103.3	179.4	270.8	384.7	518.9	675.2	864.1	1081.4	1319.9



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 CATALOG NUMBER: GFLD-SA5B-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	35.9	100.8	175.5	264.1	374.1	498.3	643.6	817.4	1015.2	1231.0
-25°	0.0	35.3	98.1	171.2	256.9	360.2	476.7	610.6	769.6	948.1	1141.3
-27.5°	0.0	34.5	95.2	166.3	249.1	344.6	454.1	576.4	720.8	883.2	1059.2
-30°	0.0	33.7	92.0	161.0	240.6	328.4	430.6	541.2	675.6	823.5	978.4
-32.5°	0.0	32.8	88.6	155.1	230.4	311.5	406.2	510.1	632.4	764.1	898.9
-35°	0.0	31.9	84.9	148.9	219.7	294.1	383.5	479.9	588.7	705.2	821.3
-37.5°	0.0	30.9	81.1	142.1	208.5	277.4	361.3	449.2	544.7	647.1	750.7
-40°	0.0	29.8	77.1	134.9	196.9	262.7	338.7	418.0	500.5	594.6	685.5
-42.5°	0.0	28.7	72.9	127.2	185.5	247.6	315.9	386.4	461.5	544.5	622.4
-45°	0.0	27.5	68.5	118.9	174.4	232.0	292.8	356.6	425.1	495.3	562.4
-47.5°	0.0	26.3	63.9	110.3	163.1	216.0	269.6	329.7	388.6	447.4	509.8
-50°	0.0	25.0	59.2	102.7	151.4	199.7	249.5	302.8	353.0	408.0	459.0
-52.5°	0.0	23.7	54.3	95.3	139.5	183.0	229.7	276.1	321.8	369.3	410.7
-55°	0.0	22.3	49.3	87.7	127.4	167.8	209.5	249.8	292.3	331.3	370.1
-57.5°	0.0	20.9	44.1	80.0	115.1	152.7	189.1	226.4	262.7	297.6	330.5
-60°	0.0	19.4	38.9	72.0	102.6	137.4	168.7	202.8	233.8	265.2	293.0
-62.5°	0.0	18.0	35.9	64.0	92.1	122.0	150.8	179.3	208.0	232.9	258.4
-65°	0.0	16.4	32.8	55.7	81.4	106.4	132.8	156.7	182.2	204.5	224.0
-67.5°	0.0	14.9	29.7	47.4	70.6	92.0	114.7	136.6	156.6	177.2	193.8
-70°	0.0	13.3	26.6	39.0	59.6	78.7	96.5	116.4	134.5	150.2	165.6
-72.5°	0.0	11.7	23.4	33.5	48.6	65.3	80.6	96.2	112.4	126.4	138.3
-75°	0.0	10.1	20.1	28.8	37.4	51.8	64.9	77.9	90.3	102.8	113.5
-77.5°	0.0	8.4	16.8	24.1	30.4	38.2	49.2	60.2	70.5	79.8	88.7
-80°	0.0	6.8	13.5	19.3	24.4	28.8	33.4	42.5	50.9	58.6	65.5
-82.5°	0.0	5.1	10.1	14.5	18.3	21.6	24.4	27.6	31.3	37.3	42.8
-85°	0.0	3.4	6.8	9.7	12.2	14.4	16.3	18.4	20.4	22.3	24.0
-87.5°	0.0	1.7	3.4	4.8	6.1	7.2	8.1	9.2	10.2	11.2	12.0
-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: P559006 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-927-U-NAT-XX

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°	12.9	13.8	14.7	15.4	16.1	16.8	17.4	18.0	18.7	19.5	20.1
85°	25.9	27.6	30.6	33.1	35.3	37.3	38.9	40.3	41.7	42.9	43.9
82.5°	47.6	51.6	54.8	57.2	59.9	62.3	64.4	66.1	68.0	69.8	71.3
80°	71.2	75.7	80.4	84.4	88.4	91.4	93.3	94.1	96.4	99.5	102.6
77.5°	96.5	103.4	109.4	114.7	118.9	122.7	125.3	126.9	130.7	135.1	138.9
75°	122.7	131.1	139.5	146.9	152.7	157.0	160.1	162.7	167.2	172.9	177.8
72.5°	150.1	161.4	171.3	179.9	187.7	193.7	198.1	201.0	205.5	212.2	217.7
70°	178.9	191.8	205.3	216.3	224.6	231.6	237.5	241.5	245.6	252.4	257.5
67.5°	208.7	227.1	242.1	253.7	263.0	271.6	278.2	282.5	284.3	291.2	296.9
65°	243.8	263.6	280.2	293.3	302.5	313.2	320.5	324.2	325.3	332.8	339.9
62.5°	279.6	301.4	319.6	334.6	346.7	356.8	365.1	369.7	370.5	376.0	384.1
60°	317.8	340.1	361.8	379.9	392.8	403.2	412.2	417.1	418.0	420.3	429.5
57.5°	357.6	381.7	407.0	427.4	442.4	451.0	460.8	466.2	468.4	467.0	476.6
55°	400.9	426.0	454.6	478.2	494.3	502.1	511.2	519.0	521.7	520.0	525.6
52.5°	450.0	475.0	505.4	531.4	549.3	558.7	565.2	574.6	578.8	576.9	575.8
50°	501.5	532.9	558.1	587.8	609.5	621.8	622.0	633.7	639.3	637.6	629.9
47.5°	559.9	595.3	614.3	648.4	676.5	691.1	692.1	696.7	703.7	705.5	698.9
45°	622.9	666.1	686.6	717.0	748.6	766.4	771.8	763.4	775.8	779.7	775.5
42.5°	689.3	744.5	776.8	789.2	825.9	850.6	860.2	854.3	853.6	862.3	862.2
40°	766.0	829.3	877.9	890.8	909.3	943.5	963.7	962.6	939.9	956.1	960.3
37.5°	848.0	930.3	990.4	1017.1	1003.0	1048.5	1078.2	1090.1	1076.1	1060.2	1078.3
35°	934.3	1038.3	1119.2	1164.8	1166.8	1165.7	1212.1	1237.0	1238.7	1209.6	1216.2
32.5°	1030.9	1153.0	1260.2	1333.8	1367.2	1346.6	1358.7	1410.9	1436.5	1425.4	1383.6
30°	1134.5	1284.4	1415.9	1519.8	1594.5	1616.4	1566.7	1607.4	1664.1	1686.8	1668.6
27.5°	1239.4	1423.9	1590.6	1734.6	1850.3	1923.7	1925.4	1862.4	1926.7	1981.3	2002.4
25°	1345.9	1563.4	1775.8	1971.0	2146.1	2272.3	2330.3	2337.0	2247.1	2328.9	2405.1
22.5°	1459.5	1707.0	1959.1	2222.7	2466.8	2652.0	2792.7	2877.5	2874.8	2789.0	2856.0
20°	1579.7	1863.3	2156.8	2469.5	2802.5	3057.0	3292.8	3473.2	3581.8	3617.9	3547.6
17.5°	1699.6	2020.9	2364.3	2736.9	3122.1	3475.0	3828.4	4116.2	4344.2	4531.4	4598.4
15°	1818.0	2178.2	2572.7	3006.0	3451.2	3892.9	4347.3	4788.0	5176.0	5518.5	5721.6
12.5°	1933.8	2333.4	2779.4	3273.9	3784.9	4316.5	4858.7	5395.6	5954.6	6509.4	6931.1
10°	2045.3	2484.4	2981.9	3537.2	4118.2	4740.1	5369.3	6006.5	6685.5	7339.8	7969.8
7.5°	2093.0	2583.2	3156.3	3792.2	4446.0	5157.0	5872.0	6611.8	7405.2	8168.7	8937.9
5°	2122.4	2622.4	3205.3	3867.8	4595.1	5429.1	6282.3	7198.6	8104.0	8983.1	9889.5
2.5°	2142.0	2649.2	3238.1	3897.6	4617.3	5473.8	6337.7	7289.2	8305.0	9321.4	10400.5
0°	2151.6	2663.4	3254.4	3906.7	4614.5	5488.3	6359.1	7340.7	8370.1	9404.0	10508.3
-2.5°	2142.0	2649.2	3238.1	3897.6	4617.3	5473.8	6337.7	7289.2	8305.0	9321.4	10400.5
-5°	2122.4	2622.4	3205.3	3867.8	4595.1	5429.1	6282.3	7198.6	8104.0	8983.1	9889.5
-7.5°	2093.0	2583.2	3156.3	3792.2	4446.0	5157.0	5872.0	6611.8	7405.2	8168.7	8937.9
-10°	2045.3	2484.4	2981.9	3537.2	4118.2	4740.1	5369.3	6006.5	6685.5	7339.8	7969.8
-12.5°	1933.8	2333.4	2779.4	3273.9	3784.9	4316.5	4858.7	5395.6	5954.6	6509.4	6931.1
-15°	1818.0	2178.2	2572.7	3006.0	3451.2	3892.9	4347.3	4788.0	5176.0	5518.5	5721.6
-17.5°	1699.6	2020.9	2364.3	2736.9	3122.1	3475.0	3828.4	4116.2	4344.2	4531.4	4598.4
-20°	1579.7	1863.3	2156.8	2469.5	2802.5	3057.0	3292.8	3473.2	3581.8	3617.9	3547.6



REPORT NUMBER: P559006 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1459.5	1707.0	1959.1	2222.7	2466.8	2652.0	2792.7	2877.5	2874.8	2789.0	2856.0
-25°	1345.9	1563.4	1775.8	1971.0	2146.1	2272.3	2330.3	2337.0	2247.1	2328.9	2405.1
-27.5°	1239.4	1423.9	1590.6	1734.6	1850.3	1923.7	1925.4	1862.4	1926.7	1981.3	2002.4
-30°	1134.5	1284.4	1415.9	1519.8	1594.5	1616.4	1566.7	1607.4	1664.1	1686.8	1668.6
-32.5°	1030.9	1153.0	1260.2	1333.8	1367.2	1346.6	1358.7	1410.9	1436.5	1425.4	1383.6
-35°	934.3	1038.3	1119.2	1164.8	1166.8	1165.7	1212.1	1237.0	1238.7	1209.6	1216.2
-37.5°	848.0	930.3	990.4	1017.1	1003.0	1048.5	1078.2	1090.1	1076.1	1060.2	1078.3
-40°	766.0	829.3	877.9	890.8	909.3	943.5	963.7	962.6	939.9	956.1	960.3
-42.5°	689.3	744.5	776.8	789.2	825.9	850.6	860.2	854.3	853.6	862.3	862.2
-45°	622.9	666.1	686.6	717.0	748.6	766.4	771.8	763.4	775.8	779.7	775.5
-47.5°	559.9	595.3	614.3	648.4	676.5	691.1	692.1	696.7	703.7	705.5	698.9
-50°	501.5	532.9	558.1	587.8	609.5	621.8	622.0	633.7	639.3	637.6	629.9
-52.5°	450.0	475.0	505.4	531.4	549.3	558.7	565.2	574.6	578.8	576.9	575.8
-55°	400.9	426.0	454.6	478.2	494.3	502.1	511.2	519.0	521.7	520.0	525.6
-57.5°	357.6	381.7	407.0	427.4	442.4	451.0	460.8	466.2	468.4	467.0	476.6
-60°	317.8	340.1	361.8	379.9	392.8	403.2	412.2	417.1	418.0	420.3	429.5
-62.5°	279.6	301.4	319.6	334.6	346.7	356.8	365.1	369.7	370.5	376.0	384.1
-65°	243.8	263.6	280.2	293.3	302.5	313.2	320.5	324.2	325.3	332.8	339.9
-67.5°	208.7	227.1	242.1	253.7	263.0	271.6	278.2	282.5	284.3	291.2	296.9
-70°	178.9	191.8	205.3	216.3	224.6	231.6	237.5	241.5	245.6	252.4	257.5
-72.5°	150.1	161.4	171.3	179.9	187.7	193.7	198.1	201.0	205.5	212.2	217.7
-75°	122.7	131.1	139.5	146.9	152.7	157.0	160.1	162.7	167.2	172.9	177.8
-77.5°	96.5	103.4	109.4	114.7	118.9	122.7	125.3	126.9	130.7	135.1	138.9
-80°	71.2	75.7	80.4	84.4	88.4	91.4	93.3	94.1	96.4	99.5	102.6
-82.5°	47.6	51.6	54.8	57.2	59.9	62.3	64.4	66.1	68.0	69.8	71.3
-85°	25.9	27.6	30.6	33.1	35.3	37.3	38.9	40.3	41.7	42.9	43.9
-87.5°	12.9	13.8	14.7	15.4	16.1	16.8	17.4	18.0	18.7	19.5	20.1
-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: P559006 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	20.8	20.5	20.1	19.5	18.9	19.0	19.0	18.9	18.8	18.7	18.5
85°	44.6	45.4	46.2	47.0	47.7	48.5	49.2	49.7	50.2	50.1	49.9
82.5°	72.6	75.0	77.4	79.7	81.8	83.0	83.8	84.4	84.7	85.3	85.9
80°	105.3	108.9	112.2	114.9	117.1	118.8	120.1	121.2	121.9	122.8	123.4
77.5°	142.5	146.4	150.2	153.6	156.4	159.1	161.4	163.2	164.5	166.6	168.5
75°	181.9	186.4	191.1	195.3	199.1	203.0	206.9	210.4	213.6	216.3	218.3
72.5°	221.8	226.5	232.3	237.7	242.7	248.0	253.2	257.8	261.8	265.5	268.8
70°	261.3	265.7	273.1	280.3	287.0	293.4	299.7	305.3	310.3	315.1	319.5
67.5°	302.0	306.6	315.9	324.2	331.6	338.6	346.0	352.5	358.2	363.3	367.7
65°	345.4	349.5	359.5	368.6	376.5	383.1	390.9	398.1	404.4	410.0	414.8
62.5°	390.3	394.4	402.7	411.7	419.2	425.5	434.8	442.8	449.6	455.3	460.0
60°	435.9	439.5	445.8	455.7	464.1	471.0	479.1	487.0	493.6	499.2	504.2
57.5°	483.3	486.9	490.0	499.9	507.9	514.2	521.3	529.0	535.4	540.7	545.8
55°	532.2	535.0	534.1	543.2	550.7	555.8	561.2	569.3	575.6	580.3	585.0
52.5°	582.3	585.5	583.3	587.1	595.3	600.0	602.3	611.0	617.6	621.8	626.1
50°	637.9	640.6	638.5	636.3	644.3	649.1	650.4	657.5	663.4	666.7	669.7
47.5°	698.3	701.5	699.9	691.2	698.3	704.4	704.5	707.5	713.7	716.2	718.0
45°	764.0	770.2	768.9	762.8	761.9	768.0	767.4	765.0	772.1	775.3	776.3
42.5°	850.2	848.1	850.1	846.6	835.7	842.7	843.6	834.7	843.6	847.4	845.2
40°	955.7	936.4	947.0	945.5	935.3	933.8	939.3	932.1	933.4	938.9	934.7
37.5°	1081.2	1067.4	1061.6	1066.4	1063.4	1050.4	1060.8	1058.3	1050.1	1059.3	1055.3
35°	1235.7	1231.5	1200.6	1219.4	1223.3	1210.9	1214.5	1219.9	1202.1	1216.1	1214.6
32.5°	1416.3	1425.4	1418.8	1407.2	1424.8	1427.0	1406.6	1431.1	1421.3	1424.8	1434.4
30°	1620.8	1667.8	1690.7	1670.2	1681.2	1703.1	1693.1	1710.1	1718.2	1705.5	1729.6
27.5°	1978.3	1961.6	2016.3	2040.2	2014.7	2054.5	2083.5	2070.7	2113.0	2088.0	2123.7
25°	2432.5	2408.0	2422.6	2501.4	2518.8	2498.6	2580.2	2589.8	2623.4	2627.5	2652.4
22.5°	2966.1	3025.1	3018.2	3042.2	3141.1	3174.2	3204.3	3282.7	3264.8	3336.0	3348.3
20°	3562.7	3711.2	3813.4	3834.9	3877.2	3990.9	4043.1	4105.0	4146.5	4213.8	4270.7
17.5°	4572.1	4496.0	4696.6	4822.6	4888.8	4912.5	5049.5	5094.1	5197.0	5255.8	5314.2
15°	5868.0	5912.3	5821.8	5941.9	6144.8	6213.4	6134.6	6318.5	6370.2	6469.2	6486.8
12.5°	7253.2	7477.4	7587.4	7617.2	7511.2	7799.8	7915.4	7770.3	7934.9	7905.3	8040.7
10°	8574.8	9119.7	9445.8	9675.2	9814.7	9898.6	9982.1	10132.1	10134.8	10245.9	10181.0
7.5°	9659.9	10350.7	11010.6	11650.8	12162.8	12449.9	12675.2	12891.4	13179.9	13318.0	13407.8
5°	10721.5	11518.5	12308.1	13084.1	13786.7	14462.8	15125.4	15700.1	16004.7	16360.6	16678.0
2.5°	11408.1	12416.3	13424.6	14423.4	15235.3	15980.3	16669.9	17310.5	17872.4	18392.1	18831.1
0°	11542.2	12670.4	13722.2	14718.8	15633.0	16553.2	17356.7	18080.9	18692.8	19245.0	19617.5
-2.5°	11408.1	12416.3	13424.6	14423.4	15235.3	15980.3	16669.9	17310.5	17872.4	18392.1	18831.1
-5°	10721.5	11518.5	12308.1	13084.1	13786.7	14462.8	15125.4	15700.1	16004.7	16360.6	16678.0
-7.5°	9659.9	10350.7	11010.6	11650.8	12162.8	12449.9	12675.2	12891.4	13179.9	13318.0	13407.8
-10°	8574.8	9119.7	9445.8	9675.2	9814.7	9898.6	9982.1	10132.1	10134.8	10245.9	10181.0
-12.5°	7253.2	7477.4	7587.4	7617.2	7511.2	7799.8	7915.4	7770.3	7934.9	7905.3	8040.7
-15°	5868.0	5912.3	5821.8	5941.9	6144.8	6213.4	6134.6	6318.5	6370.2	6469.2	6486.8
-17.5°	4572.1	4496.0	4696.6	4822.6	4888.8	4912.5	5049.5	5094.1	5197.0	5255.8	5314.2
-20°	3562.7	3711.2	3813.4	3834.9	3877.2	3990.9	4043.1	4105.0	4146.5	4213.8	4270.7



REPORT NUMBER: P559006 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2966.1	3025.1	3018.2	3042.2	3141.1	3174.2	3204.3	3282.7	3264.8	3336.0	3348.3
-25°	2432.5	2408.0	2422.6	2501.4	2518.8	2498.6	2580.2	2589.8	2623.4	2627.5	2652.4
-27.5°	1978.3	1961.6	2016.3	2040.2	2014.7	2054.5	2083.5	2070.7	2113.0	2088.0	2123.7
-30°	1620.8	1667.8	1690.7	1670.2	1681.2	1703.1	1693.1	1710.1	1718.2	1705.5	1729.6
-32.5°	1416.3	1425.4	1418.8	1407.2	1424.8	1427.0	1406.6	1431.1	1421.3	1424.8	1434.4
-35°	1235.7	1231.5	1200.6	1219.4	1223.3	1210.9	1214.5	1219.9	1202.1	1216.1	1214.6
-37.5°	1081.2	1067.4	1061.6	1066.4	1063.4	1050.4	1060.8	1058.3	1050.1	1059.3	1055.3
-40°	955.7	936.4	947.0	945.5	935.3	933.8	939.3	932.1	933.4	938.9	934.7
-42.5°	850.2	848.1	850.1	846.6	835.7	842.7	843.6	834.7	843.6	847.4	845.2
-45°	764.0	770.2	768.9	762.8	761.9	768.0	767.4	765.0	772.1	775.3	776.3
-47.5°	698.3	701.5	699.9	691.2	698.3	704.4	704.5	707.5	713.7	716.2	718.0
-50°	637.9	640.6	638.5	636.3	644.3	649.1	650.4	657.5	663.4	666.7	669.7
-52.5°	582.3	585.5	583.3	587.1	595.3	600.0	602.3	611.0	617.6	621.8	626.1
-55°	532.2	535.0	534.1	543.2	550.7	555.8	561.2	569.3	575.6	580.3	585.0
-57.5°	483.3	486.9	490.0	499.9	507.9	514.2	521.3	529.0	535.4	540.7	545.8
-60°	435.9	439.5	445.8	455.7	464.1	471.0	479.1	487.0	493.6	499.2	504.2
-62.5°	390.3	394.4	402.7	411.7	419.2	425.5	434.8	442.8	449.6	455.3	460.0
-65°	345.4	349.5	359.5	368.6	376.5	383.1	390.9	398.1	404.4	410.0	414.8
-67.5°	302.0	306.6	315.9	324.2	331.6	338.6	346.0	352.5	358.2	363.3	367.7
-70°	261.3	265.7	273.1	280.3	287.0	293.4	299.7	305.3	310.3	315.1	319.5
-72.5°	221.8	226.5	232.3	237.7	242.7	248.0	253.2	257.8	261.8	265.5	268.8
-75°	181.9	186.4	191.1	195.3	199.1	203.0	206.9	210.4	213.6	216.3	218.3
-77.5°	142.5	146.4	150.2	153.6	156.4	159.1	161.4	163.2	164.5	166.6	168.5
-80°	105.3	108.9	112.2	114.9	117.1	118.8	120.1	121.2	121.9	122.8	123.4
-82.5°	72.6	75.0	77.4	79.7	81.8	83.0	83.8	84.4	84.7	85.3	85.9
-85°	44.6	45.4	46.2	47.0	47.7	48.5	49.2	49.7	50.2	50.1	49.9
-87.5°	20.8	20.5	20.1	19.5	18.9	19.0	19.0	18.9	18.8	18.7	18.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559006 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	18.2	17.9	18.7	19.5	18.7	17.9	18.2	18.5	18.7	18.8	18.9
85°	49.6	49.2	50.1	50.9	50.1	49.2	49.6	49.9	50.1	50.2	49.7
82.5°	86.2	86.4	86.7	86.8	86.7	86.4	86.2	85.9	85.3	84.7	84.4
80°	123.7	123.6	123.3	122.7	123.3	123.6	123.7	123.4	122.8	121.9	121.2
77.5°	170.1	171.2	171.9	172.1	171.9	171.2	170.1	168.5	166.6	164.5	163.2
75°	219.6	220.3	220.4	220.0	220.4	220.3	219.6	218.3	216.3	213.6	210.4
72.5°	271.6	273.8	274.2	273.8	274.2	273.8	271.6	268.8	265.5	261.8	257.8
70°	323.1	325.9	325.9	324.7	325.9	325.9	323.1	319.5	315.1	310.3	305.3
67.5°	371.2	373.8	375.8	377.1	375.8	373.8	371.2	367.7	363.3	358.2	352.5
65°	418.5	421.4	422.9	423.4	422.9	421.4	418.5	414.8	410.0	404.4	398.1
62.5°	463.7	466.3	467.8	468.3	467.8	466.3	463.7	460.0	455.3	449.6	442.8
60°	508.1	510.9	511.4	510.2	511.4	510.9	508.1	504.2	499.2	493.6	487.0
57.5°	549.9	552.8	552.7	550.6	552.7	552.8	549.9	545.8	540.7	535.4	529.0
55°	588.4	590.5	591.3	591.0	591.3	590.5	588.4	585.0	580.3	575.6	569.3
52.5°	629.3	630.9	631.7	631.4	631.7	630.9	629.3	626.1	621.8	617.6	611.0
50°	671.9	672.1	672.0	671.8	672.0	672.1	671.9	669.7	666.7	663.4	657.5
47.5°	720.6	721.1	721.2	721.2	721.2	721.1	720.6	718.0	716.2	713.7	707.5
45°	778.2	776.6	775.0	775.1	775.0	776.6	778.2	776.3	775.3	772.1	765.0
42.5°	847.3	845.5	843.4	843.9	843.4	845.5	847.3	845.2	847.4	843.6	834.7
40°	938.3	937.9	934.8	933.7	934.8	937.9	938.3	934.7	938.9	933.4	932.1
37.5°	1055.9	1054.2	1047.3	1044.4	1047.3	1054.2	1055.9	1055.3	1059.3	1050.1	1058.3
35°	1210.5	1208.2	1197.7	1198.5	1197.7	1208.2	1210.5	1214.6	1216.1	1202.1	1219.9
32.5°	1429.6	1430.3	1414.6	1411.0	1414.6	1430.3	1429.6	1434.4	1424.8	1421.3	1431.1
30°	1714.6	1720.8	1702.2	1710.2	1702.2	1720.8	1714.6	1729.6	1705.5	1718.2	1710.1
27.5°	2123.0	2134.9	2118.5	2105.2	2118.5	2134.9	2123.0	2123.7	2088.0	2113.0	2070.7
25°	2685.2	2694.1	2675.3	2658.9	2675.3	2694.1	2685.2	2652.4	2627.5	2623.4	2589.8
22.5°	3417.0	3416.4	3415.4	3441.4	3415.4	3416.4	3417.0	3348.3	3336.0	3264.8	3282.7
20°	4307.5	4285.9	4318.2	4339.2	4318.2	4285.9	4307.5	4270.7	4213.8	4146.5	4105.0
17.5°	5327.7	5368.1	5399.1	5450.9	5399.1	5368.1	5327.7	5314.2	5255.8	5197.0	5094.1
15°	6530.6	6591.6	6622.7	6606.0	6622.7	6591.6	6530.6	6486.8	6469.2	6370.2	6318.5
12.5°	8045.4	8118.3	8064.5	7997.5	8064.5	8118.3	8045.4	8040.7	7905.3	7934.9	7770.3
10°	10181.9	10338.8	10347.6	10216.5	10347.6	10338.8	10181.9	10181.0	10245.9	10134.8	10132.1
7.5°	13460.0	13536.2	13652.0	13657.9	13652.0	13536.2	13460.0	13407.8	13318.0	13179.9	12891.4
5°	16821.8	17024.8	17155.8	17382.1	17155.8	17024.8	16821.8	16678.0	16360.6	16004.7	15700.1
2.5°	19114.6	19377.0	19477.8	19734.2	19477.8	19377.0	19114.6	18831.1	18392.1	17872.4	17310.5
0°	19949.7	20162.2	20289.4	20391.1	20289.4	20162.2	19949.7	19617.5	19245.0	18692.8	18080.9
-2.5°	19114.6	19377.0	19477.8	19734.2	19477.8	19377.0	19114.6	18831.1	18392.1	17872.4	17310.5
-5°	16821.8	17024.8	17155.8	17382.1	17155.8	17024.8	16821.8	16678.0	16360.6	16004.7	15700.1
-7.5°	13460.0	13536.2	13652.0	13657.9	13652.0	13536.2	13460.0	13407.8	13318.0	13179.9	12891.4
-10°	10181.9	10338.8	10347.6	10216.5	10347.6	10338.8	10181.9	10181.0	10245.9	10134.8	10132.1
-12.5°	8045.4	8118.3	8064.5	7997.5	8064.5	8118.3	8045.4	8040.7	7905.3	7934.9	7770.3
-15°	6530.6	6591.6	6622.7	6606.0	6622.7	6591.6	6530.6	6486.8	6469.2	6370.2	6318.5
-17.5°	5327.7	5368.1	5399.1	5450.9	5399.1	5368.1	5327.7	5314.2	5255.8	5197.0	5094.1
-20°	4307.5	4285.9	4318.2	4339.2	4318.2	4285.9	4307.5	4270.7	4213.8	4146.5	4105.0



REPORT NUMBER: P559006 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3417.0	3416.4	3415.4	3441.4	3415.4	3416.4	3417.0	3348.3	3336.0	3264.8	3282.7
-25°	2685.2	2694.1	2675.3	2658.9	2675.3	2694.1	2685.2	2652.4	2627.5	2623.4	2589.8
-27.5°	2123.0	2134.9	2118.5	2105.2	2118.5	2134.9	2123.0	2123.7	2088.0	2113.0	2070.7
-30°	1714.6	1720.8	1702.2	1710.2	1702.2	1720.8	1714.6	1729.6	1705.5	1718.2	1710.1
-32.5°	1429.6	1430.3	1414.6	1411.0	1414.6	1430.3	1429.6	1434.4	1424.8	1421.3	1431.1
-35°	1210.5	1208.2	1197.7	1198.5	1197.7	1208.2	1210.5	1214.6	1216.1	1202.1	1219.9
-37.5°	1055.9	1054.2	1047.3	1044.4	1047.3	1054.2	1055.9	1055.3	1059.3	1050.1	1058.3
-40°	938.3	937.9	934.8	933.7	934.8	937.9	938.3	934.7	938.9	933.4	932.1
-42.5°	847.3	845.5	843.4	843.9	843.4	845.5	847.3	845.2	847.4	843.6	834.7
-45°	778.2	776.6	775.0	775.1	775.0	776.6	778.2	776.3	775.3	772.1	765.0
-47.5°	720.6	721.1	721.2	721.2	721.2	721.1	720.6	718.0	716.2	713.7	707.5
-50°	671.9	672.1	672.0	671.8	672.0	672.1	671.9	669.7	666.7	663.4	657.5
-52.5°	629.3	630.9	631.7	631.4	631.7	630.9	629.3	626.1	621.8	617.6	611.0
-55°	588.4	590.5	591.3	591.0	591.3	590.5	588.4	585.0	580.3	575.6	569.3
-57.5°	549.9	552.8	552.7	550.6	552.7	552.8	549.9	545.8	540.7	535.4	529.0
-60°	508.1	510.9	511.4	510.2	511.4	510.9	508.1	504.2	499.2	493.6	487.0
-62.5°	463.7	466.3	467.8	468.3	467.8	466.3	463.7	460.0	455.3	449.6	442.8
-65°	418.5	421.4	422.9	423.4	422.9	421.4	418.5	414.8	410.0	404.4	398.1
-67.5°	371.2	373.8	375.8	377.1	375.8	373.8	371.2	367.7	363.3	358.2	352.5
-70°	323.1	325.9	325.9	324.7	325.9	325.9	323.1	319.5	315.1	310.3	305.3
-72.5°	271.6	273.8	274.2	273.8	274.2	273.8	271.6	268.8	265.5	261.8	257.8
-75°	219.6	220.3	220.4	220.0	220.4	220.3	219.6	218.3	216.3	213.6	210.4
-77.5°	170.1	171.2	171.9	172.1	171.9	171.2	170.1	168.5	166.6	164.5	163.2
-80°	123.7	123.6	123.3	122.7	123.3	123.6	123.7	123.4	122.8	121.9	121.2
-82.5°	86.2	86.4	86.7	86.8	86.7	86.4	86.2	85.9	85.3	84.7	84.4
-85°	49.6	49.2	50.1	50.9	50.1	49.2	49.6	49.9	50.1	50.2	49.7
-87.5°	18.2	17.9	18.7	19.5	18.7	17.9	18.2	18.5	18.7	18.8	18.9
-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: P559006 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-927-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°	19.0	19.0	18.9	19.5	20.1	20.5	20.8	20.1	19.5	18.7	18.0
85°	49.2	48.5	47.7	47.0	46.2	45.4	44.6	43.9	42.9	41.7	40.3
82.5°	83.8	83.0	81.8	79.7	77.4	75.0	72.6	71.3	69.8	68.0	66.1
80°	120.1	118.8	117.1	114.9	112.2	108.9	105.3	102.6	99.5	96.4	94.1
77.5°	161.4	159.1	156.4	153.6	150.2	146.4	142.5	138.9	135.1	130.7	126.9
75°	206.9	203.0	199.1	195.3	191.1	186.4	181.9	177.8	172.9	167.2	162.7
72.5°	253.2	248.0	242.7	237.7	232.3	226.5	221.8	217.7	212.2	205.5	201.0
70°	299.7	293.4	287.0	280.3	273.1	265.7	261.3	257.5	252.4	245.6	241.5
67.5°	346.0	338.6	331.6	324.2	315.9	306.6	302.0	296.9	291.2	284.3	282.5
65°	390.9	383.1	376.5	368.6	359.5	349.5	345.4	339.9	332.8	325.3	324.2
62.5°	434.8	425.5	419.2	411.7	402.7	394.4	390.3	384.1	376.0	370.5	369.7
60°	479.1	471.0	464.1	455.7	445.8	439.5	435.9	429.5	420.3	418.0	417.1
57.5°	521.3	514.2	507.9	499.9	490.0	486.9	483.3	476.6	467.0	468.4	466.2
55°	561.2	555.8	550.7	543.2	534.1	535.0	532.2	525.6	520.0	521.7	519.0
52.5°	602.3	600.0	595.3	587.1	583.3	585.5	582.3	575.8	576.9	578.8	574.6
50°	650.4	649.1	644.3	636.3	638.5	640.6	637.9	629.9	637.6	639.3	633.7
47.5°	704.5	704.4	698.3	691.2	699.9	701.5	698.3	698.9	705.5	703.7	696.7
45°	767.4	768.0	761.9	762.8	768.9	770.2	764.0	775.5	779.7	775.8	763.4
42.5°	843.6	842.7	835.7	846.6	850.1	848.1	850.2	862.2	862.3	853.6	854.3
40°	939.3	933.8	935.3	945.5	947.0	936.4	955.7	960.3	956.1	939.9	962.6
37.5°	1060.8	1050.4	1063.4	1066.4	1061.6	1067.4	1081.2	1078.3	1060.2	1076.1	1090.1
35°	1214.5	1210.9	1223.3	1219.4	1200.6	1231.5	1235.7	1216.2	1209.6	1238.7	1237.0
32.5°	1406.6	1427.0	1424.8	1407.2	1418.8	1425.4	1416.3	1383.6	1425.4	1436.5	1410.9
30°	1693.1	1703.1	1681.2	1670.2	1690.7	1667.8	1620.8	1668.6	1686.8	1664.1	1607.4
27.5°	2083.5	2054.5	2014.7	2040.2	2016.3	1961.6	1978.3	2002.4	1981.3	1926.7	1862.4
25°	2580.2	2498.6	2518.8	2501.4	2422.6	2408.0	2432.5	2405.1	2328.9	2247.1	2337.0
22.5°	3204.3	3174.2	3141.1	3042.2	3018.2	3025.1	2966.1	2856.0	2789.0	2874.8	2877.5
20°	4043.1	3990.9	3877.2	3834.9	3813.4	3711.2	3562.7	3547.6	3617.9	3581.8	3473.2
17.5°	5049.5	4912.5	4888.8	4822.6	4696.6	4496.0	4572.1	4598.4	4531.4	4344.2	4116.2
15°	6134.6	6213.4	6144.8	5941.9	5821.8	5912.3	5868.0	5721.6	5518.5	5176.0	4788.0
12.5°	7915.4	7799.8	7511.2	7617.2	7587.4	7477.4	7253.2	6931.1	6509.4	5954.6	5395.6
10°	9982.1	9898.6	9814.7	9675.2	9445.8	9119.7	8574.8	7969.8	7339.8	6685.5	6006.5
7.5°	12675.2	12449.9	12162.8	11650.8	11010.6	10350.7	9659.9	8937.9	8168.7	7405.2	6611.8
5°	15125.4	14462.8	13786.7	13084.1	12308.1	11518.5	10721.5	9889.5	8983.1	8104.0	7198.6
2.5°	16669.9	15980.3	15235.3	14423.4	13424.6	12416.3	11408.1	10400.5	9321.4	8305.0	7289.2
0°	17356.7	16553.2	15633.0	14718.8	13722.2	12670.4	11542.2	10508.3	9404.0	8370.1	7340.7
-2.5°	16669.9	15980.3	15235.3	14423.4	13424.6	12416.3	11408.1	10400.5	9321.4	8305.0	7289.2
-5°	15125.4	14462.8	13786.7	13084.1	12308.1	11518.5	10721.5	9889.5	8983.1	8104.0	7198.6
-7.5°	12675.2	12449.9	12162.8	11650.8	11010.6	10350.7	9659.9	8937.9	8168.7	7405.2	6611.8
-10°	9982.1	9898.6	9814.7	9675.2	9445.8	9119.7	8574.8	7969.8	7339.8	6685.5	6006.5
-12.5°	7915.4	7799.8	7511.2	7617.2	7587.4	7477.4	7253.2	6931.1	6509.4	5954.6	5395.6
-15°	6134.6	6213.4	6144.8	5941.9	5821.8	5912.3	5868.0	5721.6	5518.5	5176.0	4788.0
-17.5°	5049.5	4912.5	4888.8	4822.6	4696.6	4496.0	4572.1	4598.4	4531.4	4344.2	4116.2
-20°	4043.1	3990.9	3877.2	3834.9	3813.4	3711.2	3562.7	3547.6	3617.9	3581.8	3473.2



REPORT NUMBER: P559006 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3204.3	3174.2	3141.1	3042.2	3018.2	3025.1	2966.1	2856.0	2789.0	2874.8	2877.5
-25°	2580.2	2498.6	2518.8	2501.4	2422.6	2408.0	2432.5	2405.1	2328.9	2247.1	2337.0
-27.5°	2083.5	2054.5	2014.7	2040.2	2016.3	1961.6	1978.3	2002.4	1981.3	1926.7	1862.4
-30°	1693.1	1703.1	1681.2	1670.2	1690.7	1667.8	1620.8	1668.6	1686.8	1664.1	1607.4
-32.5°	1406.6	1427.0	1424.8	1407.2	1418.8	1425.4	1416.3	1383.6	1425.4	1436.5	1410.9
-35°	1214.5	1210.9	1223.3	1219.4	1200.6	1231.5	1235.7	1216.2	1209.6	1238.7	1237.0
-37.5°	1060.8	1050.4	1063.4	1066.4	1061.6	1067.4	1081.2	1078.3	1060.2	1076.1	1090.1
-40°	939.3	933.8	935.3	945.5	947.0	936.4	955.7	960.3	956.1	939.9	962.6
-42.5°	843.6	842.7	835.7	846.6	850.1	848.1	850.2	862.2	862.3	853.6	854.3
-45°	767.4	768.0	761.9	762.8	768.9	770.2	764.0	775.5	779.7	775.8	763.4
-47.5°	704.5	704.4	698.3	691.2	699.9	701.5	698.3	698.9	705.5	703.7	696.7
-50°	650.4	649.1	644.3	636.3	638.5	640.6	637.9	629.9	637.6	639.3	633.7
-52.5°	602.3	600.0	595.3	587.1	583.3	585.5	582.3	575.8	576.9	578.8	574.6
-55°	561.2	555.8	550.7	543.2	534.1	535.0	532.2	525.6	520.0	521.7	519.0
-57.5°	521.3	514.2	507.9	499.9	490.0	486.9	483.3	476.6	467.0	468.4	466.2
-60°	479.1	471.0	464.1	455.7	445.8	439.5	435.9	429.5	420.3	418.0	417.1
-62.5°	434.8	425.5	419.2	411.7	402.7	394.4	390.3	384.1	376.0	370.5	369.7
-65°	390.9	383.1	376.5	368.6	359.5	349.5	345.4	339.9	332.8	325.3	324.2
-67.5°	346.0	338.6	331.6	324.2	315.9	306.6	302.0	296.9	291.2	284.3	282.5
-70°	299.7	293.4	287.0	280.3	273.1	265.7	261.3	257.5	252.4	245.6	241.5
-72.5°	253.2	248.0	242.7	237.7	232.3	226.5	221.8	217.7	212.2	205.5	201.0
-75°	206.9	203.0	199.1	195.3	191.1	186.4	181.9	177.8	172.9	167.2	162.7
-77.5°	161.4	159.1	156.4	153.6	150.2	146.4	142.5	138.9	135.1	130.7	126.9
-80°	120.1	118.8	117.1	114.9	112.2	108.9	105.3	102.6	99.5	96.4	94.1
-82.5°	83.8	83.0	81.8	79.7	77.4	75.0	72.6	71.3	69.8	68.0	66.1
-85°	49.2	48.5	47.7	47.0	46.2	45.4	44.6	43.9	42.9	41.7	40.3
-87.5°	19.0	19.0	18.9	19.5	20.1	20.5	20.8	20.1	19.5	18.7	18.0
-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: P559006 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	17.4	16.8	16.1	15.4	14.7	13.8	12.9	12.0	11.2	10.2	9.2
85°	38.9	37.3	35.3	33.1	30.6	27.6	25.9	24.0	22.3	20.4	18.4
82.5°	64.4	62.3	59.9	57.2	54.8	51.6	47.6	42.8	37.3	31.3	27.6
80°	93.3	91.4	88.4	84.4	80.4	75.7	71.2	65.5	58.6	50.9	42.5
77.5°	125.3	122.7	118.9	114.7	109.4	103.4	96.5	88.7	79.8	70.5	60.2
75°	160.1	157.0	152.7	146.9	139.5	131.1	122.7	113.5	102.8	90.3	77.9
72.5°	198.1	193.7	187.7	179.9	171.3	161.4	150.1	138.3	126.4	112.4	96.2
70°	237.5	231.6	224.6	216.3	205.3	191.8	178.9	165.6	150.2	134.5	116.4
67.5°	278.2	271.6	263.0	253.7	242.1	227.1	208.7	193.8	177.2	156.6	136.6
65°	320.5	313.2	302.5	293.3	280.2	263.6	243.8	224.0	204.5	182.2	156.7
62.5°	365.1	356.8	346.7	334.6	319.6	301.4	279.6	258.4	232.9	208.0	179.3
60°	412.2	403.2	392.8	379.9	361.8	340.1	317.8	293.0	265.2	233.8	202.8
57.5°	460.8	451.0	442.4	427.4	407.0	381.7	357.6	330.5	297.6	262.7	226.4
55°	511.2	502.1	494.3	478.2	454.6	426.0	400.9	370.1	331.3	292.3	249.8
52.5°	565.2	558.7	549.3	531.4	505.4	475.0	450.0	410.7	369.3	321.8	276.1
50°	622.0	621.8	609.5	587.8	558.1	532.9	501.5	459.0	408.0	353.0	302.8
47.5°	692.1	691.1	676.5	648.4	614.3	595.3	559.9	509.8	447.4	388.6	329.7
45°	771.8	766.4	748.6	717.0	686.6	666.1	622.9	562.4	495.3	425.1	356.6
42.5°	860.2	850.6	825.9	789.2	776.8	744.5	689.3	622.4	544.5	461.5	386.4
40°	963.7	943.5	909.3	890.8	877.9	829.3	766.0	685.5	594.6	500.5	418.0
37.5°	1078.2	1048.5	1003.0	1017.1	990.4	930.3	848.0	750.7	647.1	544.7	449.2
35°	1212.1	1165.7	1166.8	1164.8	1119.2	1038.3	934.3	821.3	705.2	588.7	479.9
32.5°	1358.7	1346.6	1367.2	1333.8	1260.2	1153.0	1030.9	898.9	764.1	632.4	510.1
30°	1566.7	1616.4	1594.5	1519.8	1415.9	1284.4	1134.5	978.4	823.5	675.6	541.2
27.5°	1925.4	1923.7	1850.3	1734.6	1590.6	1423.9	1239.4	1059.2	883.2	720.8	576.4
25°	2330.3	2272.3	2146.1	1971.0	1775.8	1563.4	1345.9	1141.3	948.1	769.6	610.6
22.5°	2792.7	2652.0	2466.8	2222.7	1959.1	1707.0	1459.5	1231.0	1015.2	817.4	643.6
20°	3292.8	3057.0	2802.5	2469.5	2156.8	1863.3	1579.7	1319.9	1081.4	864.1	675.2
17.5°	3828.4	3475.0	3122.1	2736.9	2364.3	2020.9	1699.6	1407.4	1146.1	909.1	705.3
15°	4347.3	3892.9	3451.2	3006.0	2572.7	2178.2	1818.0	1492.7	1208.7	952.2	729.0
12.5°	4858.7	4316.5	3784.9	3273.9	2779.4	2333.4	1933.8	1575.0	1268.8	983.1	744.4
10°	5369.3	4740.1	4118.2	3537.2	2981.9	2484.4	2045.3	1639.2	1297.1	1002.8	757.2
7.5°	5872.0	5157.0	4446.0	3792.2	3156.3	2583.2	2093.0	1668.3	1315.8	1018.8	767.2
5°	6282.3	5429.1	4595.1	3867.8	3205.3	2622.4	2122.4	1690.8	1328.7	1030.9	774.6
2.5°	6337.7	5473.8	4617.3	3897.6	3238.1	2649.2	2142.0	1706.4	1335.9	1038.9	779.2
0°	6359.1	5488.3	4614.5	3906.7	3254.4	2663.4	2151.6	1714.7	1337.7	1042.9	781.1
-2.5°	6337.7	5473.8	4617.3	3897.6	3238.1	2649.2	2142.0	1706.4	1335.9	1038.9	779.2
-5°	6282.3	5429.1	4595.1	3867.8	3205.3	2622.4	2122.4	1690.8	1328.7	1030.9	774.6
-7.5°	5872.0	5157.0	4446.0	3792.2	3156.3	2583.2	2093.0	1668.3	1315.8	1018.8	767.2
-10°	5369.3	4740.1	4118.2	3537.2	2981.9	2484.4	2045.3	1639.2	1297.1	1002.8	757.2
-12.5°	4858.7	4316.5	3784.9	3273.9	2779.4	2333.4	1933.8	1575.0	1268.8	983.1	744.4
-15°	4347.3	3892.9	3451.2	3006.0	2572.7	2178.2	1818.0	1492.7	1208.7	952.2	729.0
-17.5°	3828.4	3475.0	3122.1	2736.9	2364.3	2020.9	1699.6	1407.4	1146.1	909.1	705.3
-20°	3292.8	3057.0	2802.5	2469.5	2156.8	1863.3	1579.7	1319.9	1081.4	864.1	675.2



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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°	2792.7	2652.0	2466.8	2222.7	1959.1	1707.0	1459.5	1231.0	1015.2	817.4	643.6
-25°	2330.3	2272.3	2146.1	1971.0	1775.8	1563.4	1345.9	1141.3	948.1	769.6	610.6
-27.5°	1925.4	1923.7	1850.3	1734.6	1590.6	1423.9	1239.4	1059.2	883.2	720.8	576.4
-30°	1566.7	1616.4	1594.5	1519.8	1415.9	1284.4	1134.5	978.4	823.5	675.6	541.2
-32.5°	1358.7	1346.6	1367.2	1333.8	1260.2	1153.0	1030.9	898.9	764.1	632.4	510.1
-35°	1212.1	1165.7	1166.8	1164.8	1119.2	1038.3	934.3	821.3	705.2	588.7	479.9
-37.5°	1078.2	1048.5	1003.0	1017.1	990.4	930.3	848.0	750.7	647.1	544.7	449.2
-40°	963.7	943.5	909.3	890.8	877.9	829.3	766.0	685.5	594.6	500.5	418.0
-42.5°	860.2	850.6	825.9	789.2	776.8	744.5	689.3	622.4	544.5	461.5	386.4
-45°	771.8	766.4	748.6	717.0	686.6	666.1	622.9	562.4	495.3	425.1	356.6
-47.5°	692.1	691.1	676.5	648.4	614.3	595.3	559.9	509.8	447.4	388.6	329.7
-50°	622.0	621.8	609.5	587.8	558.1	532.9	501.5	459.0	408.0	353.0	302.8
-52.5°	565.2	558.7	549.3	531.4	505.4	475.0	450.0	410.7	369.3	321.8	276.1
-55°	511.2	502.1	494.3	478.2	454.6	426.0	400.9	370.1	331.3	292.3	249.8
-57.5°	460.8	451.0	442.4	427.4	407.0	381.7	357.6	330.5	297.6	262.7	226.4
-60°	412.2	403.2	392.8	379.9	361.8	340.1	317.8	293.0	265.2	233.8	202.8
-62.5°	365.1	356.8	346.7	334.6	319.6	301.4	279.6	258.4	232.9	208.0	179.3
-65°	320.5	313.2	302.5	293.3	280.2	263.6	243.8	224.0	204.5	182.2	156.7
-67.5°	278.2	271.6	263.0	253.7	242.1	227.1	208.7	193.8	177.2	156.6	136.6
-70°	237.5	231.6	224.6	216.3	205.3	191.8	178.9	165.6	150.2	134.5	116.4
-72.5°	198.1	193.7	187.7	179.9	171.3	161.4	150.1	138.3	126.4	112.4	96.2
-75°	160.1	157.0	152.7	146.9	139.5	131.1	122.7	113.5	102.8	90.3	77.9
-77.5°	125.3	122.7	118.9	114.7	109.4	103.4	96.5	88.7	79.8	70.5	60.2
-80°	93.3	91.4	88.4	84.4	80.4	75.7	71.2	65.5	58.6	50.9	42.5
-82.5°	64.4	62.3	59.9	57.2	54.8	51.6	47.6	42.8	37.3	31.3	27.6
-85°	38.9	37.3	35.3	33.1	30.6	27.6	25.9	24.0	22.3	20.4	18.4
-87.5°	17.4	16.8	16.1	15.4	14.7	13.8	12.9	12.0	11.2	10.2	9.2
-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°	8.1	7.2	6.1	4.8	3.4	1.7	0.0
85°	16.3	14.4	12.2	9.7	6.8	3.4	0.0
82.5°	24.4	21.6	18.3	14.5	10.1	5.1	0.0
80°	33.4	28.8	24.4	19.3	13.5	6.8	0.0
77.5°	49.2	38.2	30.4	24.1	16.8	8.4	0.0
75°	64.9	51.8	37.4	28.8	20.1	10.1	0.0
72.5°	80.6	65.3	48.6	33.5	23.4	11.7	0.0
70°	96.5	78.7	59.6	39.0	26.6	13.3	0.0
67.5°	114.7	92.0	70.6	47.4	29.7	14.9	0.0
65°	132.8	106.4	81.4	55.7	32.8	16.4	0.0
62.5°	150.8	122.0	92.1	64.0	35.9	18.0	0.0
60°	168.7	137.4	102.6	72.0	38.9	19.4	0.0
57.5°	189.1	152.7	115.1	80.0	44.1	20.9	0.0
55°	209.5	167.8	127.4	87.7	49.3	22.3	0.0
52.5°	229.7	183.0	139.5	95.3	54.3	23.7	0.0
50°	249.5	199.7	151.4	102.7	59.2	25.0	0.0
47.5°	269.6	216.0	163.1	110.3	63.9	26.3	0.0
45°	292.8	232.0	174.4	118.9	68.5	27.5	0.0
42.5°	315.9	247.6	185.5	127.2	72.9	28.7	0.0
40°	338.7	262.7	196.9	134.9	77.1	29.8	0.0
37.5°	361.3	277.4	208.5	142.1	81.1	30.9	0.0
35°	383.5	294.1	219.7	148.9	84.9	31.9	0.0
32.5°	406.2	311.5	230.4	155.1	88.6	32.8	0.0
30°	430.6	328.4	240.6	161.0	92.0	33.7	0.0
27.5°	454.1	344.6	249.1	166.3	95.2	34.5	0.0
25°	476.7	360.2	256.9	171.2	98.1	35.3	0.0
22.5°	498.3	374.1	264.1	175.5	100.8	35.9	0.0
20°	518.9	384.7	270.8	179.4	103.3	36.6	0.0
17.5°	534.3	394.0	276.8	182.8	105.5	37.1	0.0
15°	545.9	402.1	282.2	185.7	107.5	37.6	0.0
12.5°	555.7	408.8	286.9	188.1	109.2	38.0	0.0
10°	563.9	414.2	290.9	190.1	110.7	38.3	0.0
7.5°	570.4	418.4	294.1	191.5	111.8	38.6	0.0
5°	575.1	421.3	296.6	192.5	112.7	38.8	0.0
2.5°	578.0	423.0	298.4	193.0	113.4	38.9	0.0
0°	579.1	423.4	299.3	193.0	113.7	38.9	0.0
-2.5°	578.0	423.0	298.4	193.0	113.4	38.9	0.0
-5°	575.1	421.3	296.6	192.5	112.7	38.8	0.0
-7.5°	570.4	418.4	294.1	191.5	111.8	38.6	0.0
-10°	563.9	414.2	290.9	190.1	110.7	38.3	0.0
-12.5°	555.7	408.8	286.9	188.1	109.2	38.0	0.0
-15°	545.9	402.1	282.2	185.7	107.5	37.6	0.0
-17.5°	534.3	394.0	276.8	182.8	105.5	37.1	0.0
-20°	518.9	384.7	270.8	179.4	103.3	36.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	498.3	374.1	264.1	175.5	100.8	35.9	0.0
-25°	476.7	360.2	256.9	171.2	98.1	35.3	0.0
-27.5°	454.1	344.6	249.1	166.3	95.2	34.5	0.0
-30°	430.6	328.4	240.6	161.0	92.0	33.7	0.0
-32.5°	406.2	311.5	230.4	155.1	88.6	32.8	0.0
-35°	383.5	294.1	219.7	148.9	84.9	31.9	0.0
-37.5°	361.3	277.4	208.5	142.1	81.1	30.9	0.0
-40°	338.7	262.7	196.9	134.9	77.1	29.8	0.0
-42.5°	315.9	247.6	185.5	127.2	72.9	28.7	0.0
-45°	292.8	232.0	174.4	118.9	68.5	27.5	0.0
-47.5°	269.6	216.0	163.1	110.3	63.9	26.3	0.0
-50°	249.5	199.7	151.4	102.7	59.2	25.0	0.0
-52.5°	229.7	183.0	139.5	95.3	54.3	23.7	0.0
-55°	209.5	167.8	127.4	87.7	49.3	22.3	0.0
-57.5°	189.1	152.7	115.1	80.0	44.1	20.9	0.0
-60°	168.7	137.4	102.6	72.0	38.9	19.4	0.0
-62.5°	150.8	122.0	92.1	64.0	35.9	18.0	0.0
-65°	132.8	106.4	81.4	55.7	32.8	16.4	0.0
-67.5°	114.7	92.0	70.6	47.4	29.7	14.9	0.0
-70°	96.5	78.7	59.6	39.0	26.6	13.3	0.0
-72.5°	80.6	65.3	48.6	33.5	23.4	11.7	0.0
-75°	64.9	51.8	37.4	28.8	20.1	10.1	0.0
-77.5°	49.2	38.2	30.4	24.1	16.8	8.4	0.0
-80°	33.4	28.8	24.4	19.3	13.5	6.8	0.0
-82.5°	24.4	21.6	18.3	14.5	10.1	5.1	0.0
-85°	16.3	14.4	12.2	9.7	6.8	3.4	0.0
-87.5°	8.1	7.2	6.1	4.8	3.4	1.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)