

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: P559199 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-927-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559199 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-3)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA6D-927-U-NR-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, NARROW SYMMETRICAL ROUND N3
Light Source: (96) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

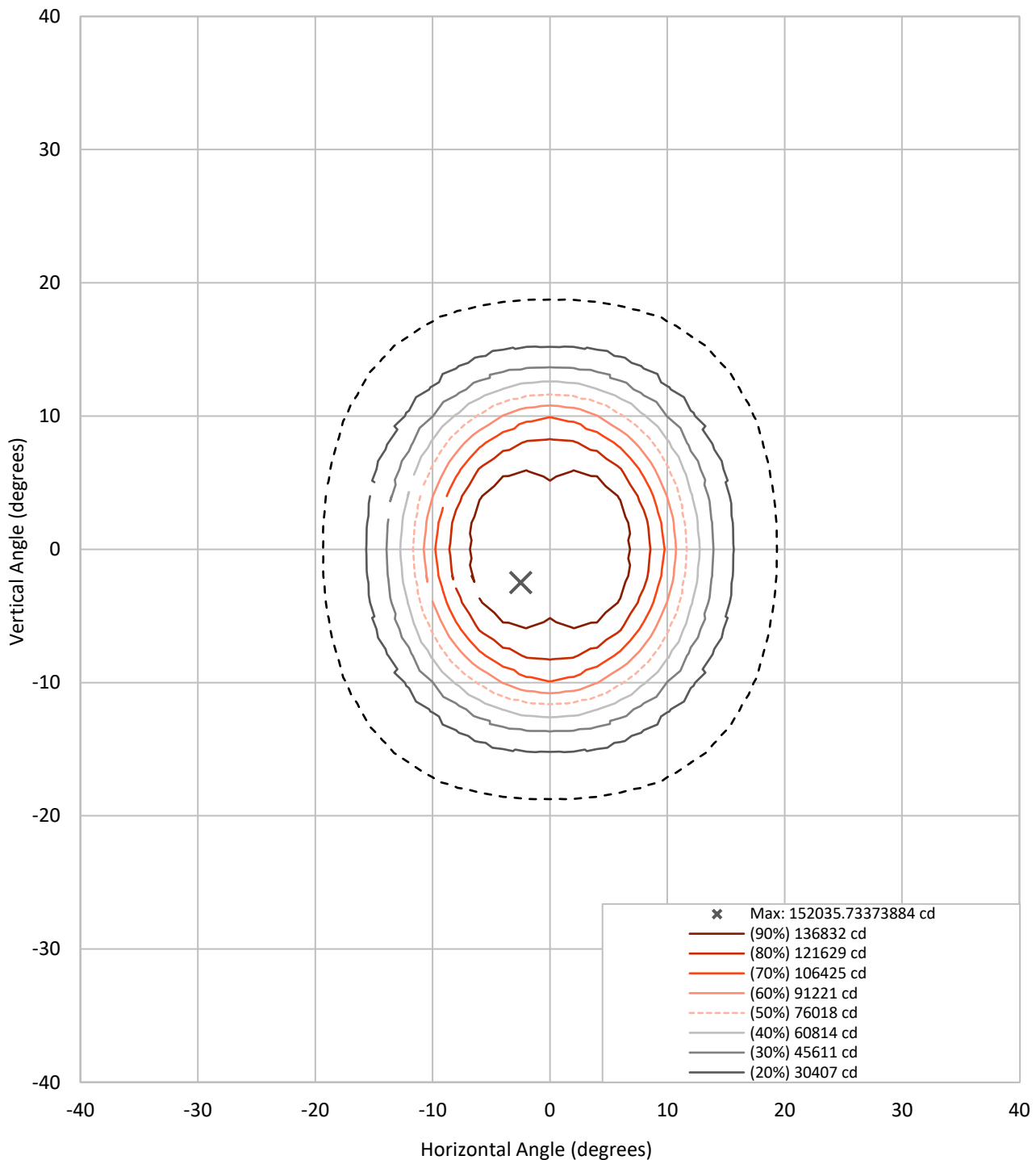
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	28749.8 lumens	Max Intensity:	152035.7 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	90.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	15521.1 lumens	Field Lumens:	23406.6 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

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



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Iso-Candela Plot





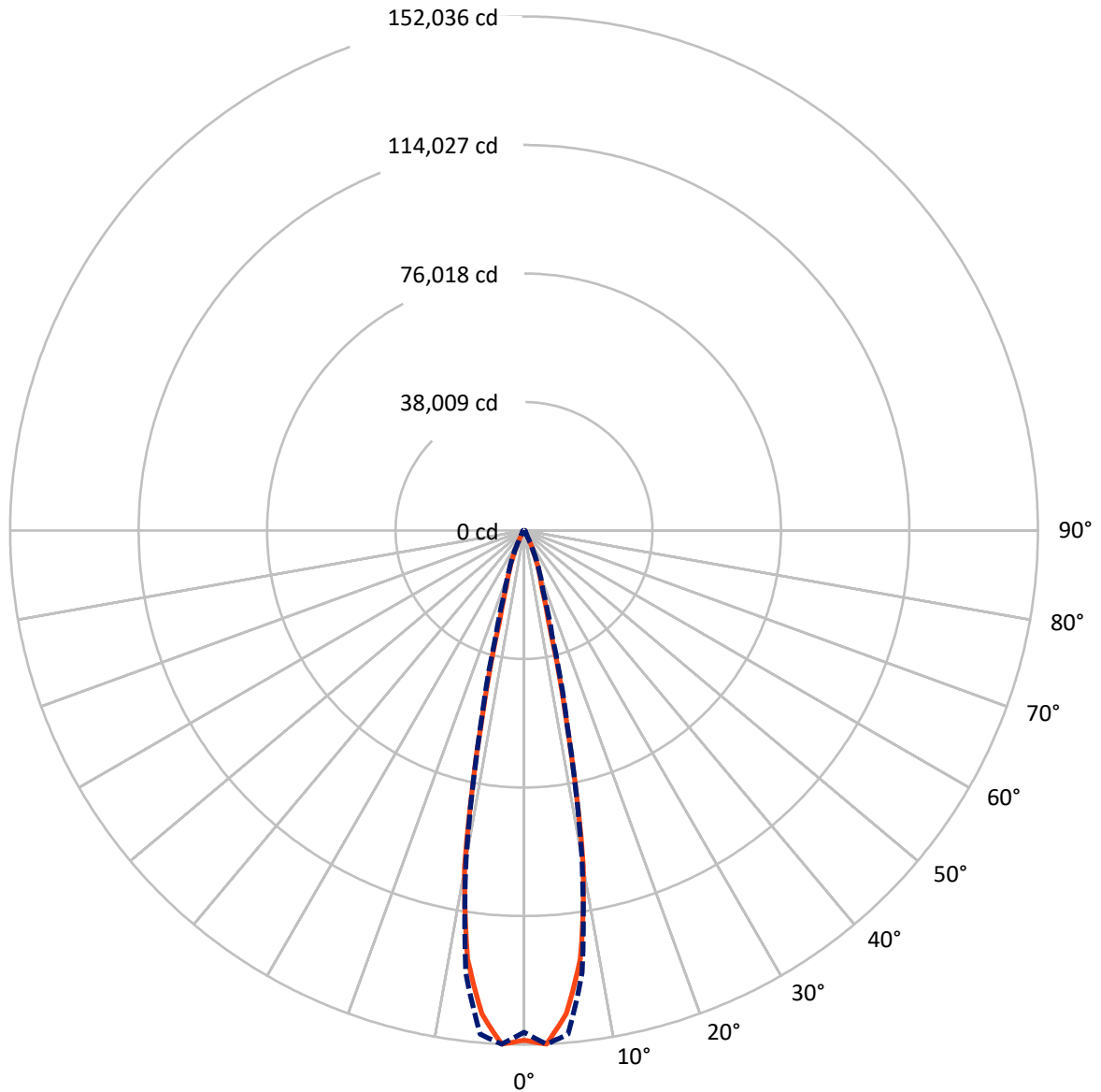
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Lumen Table

90	0.4	2.9	7.7	12.4	14.4	12.4	7.7	2.9	0.4							
80	0.4	2.9	7.7	12.4	14.4	12.4	7.7	2.9	0.4							
70	1.3	1.5	3.1	5.0	6.9	8.6	9.8	10.4	10.4	9.8	8.6	6.9	5.0	3.1	1.5	1.3
60		2.3	4.6	7.2	9.5	11.4	12.6	13.1	13.1	12.6	11.4	9.5	7.2	4.6	2.3	
50	2.4	3.0	5.8	8.6	11.1	13.5	15.6	16.5	16.5	15.6	13.5	11.1	8.6	5.8	3.0	2.4
40		3.6	6.7	9.7	13.1	17.9	23.5	28.2	28.2	23.5	17.9	13.1	9.7	6.7	3.6	
30	3.2	4.0	7.3	10.7	16.2	29.4	88.3	172.0	172.0	88.3	29.4	16.2	10.7	7.3	4.0	3.2
20		4.3	7.6	11.4	20.3	87.2	402.5	1035.0	1035.0	402.5	87.2	20.3	11.4	7.6	4.3	
10	3.5	4.4	7.7	12.0	24.3	169.9	1048.1	3702.9	3702.9	1048.1	169.9	24.3	12.0	7.7	4.4	3.5
0		4.4	7.7	12.0	24.3	169.9	1048.1	3702.9	3702.9	1048.1	169.9	24.3	12.0	7.7	4.4	
-10	3.2	4.3	7.6	11.4	20.3	87.2	402.5	1035.0	1035.0	402.5	87.2	20.3	11.4	7.6	4.3	3.2
-20		4.0	7.3	10.7	16.2	29.4	88.3	172.0	172.0	88.3	29.4	16.2	10.7	7.3	4.0	
-30	2.4	3.6	6.7	9.7	13.1	17.9	23.5	28.2	28.2	23.5	17.9	13.1	9.7	6.7	3.6	2.4
-40		3.0	5.8	8.6	11.1	13.5	15.6	16.5	16.5	15.6	13.5	11.1	8.6	5.8	3.0	
-50	1.3	2.3	4.6	7.2	9.5	11.4	12.6	13.1	13.1	12.6	11.4	9.5	7.2	4.6	2.3	1.3
-60		1.5	3.1	5.0	6.9	8.6	9.8	10.4	10.4	9.8	8.6	6.9	5.0	3.1	1.5	
-70	0.4	2.9	7.7	12.4	14.4	12.4	7.7	2.9	0.4							
-80		0.4	2.9	7.7	12.4	14.4	12.4	7.7	2.9	0.4						
-90	0.4	2.9	7.7	12.4	14.4	12.4	7.7	2.9	0.4							

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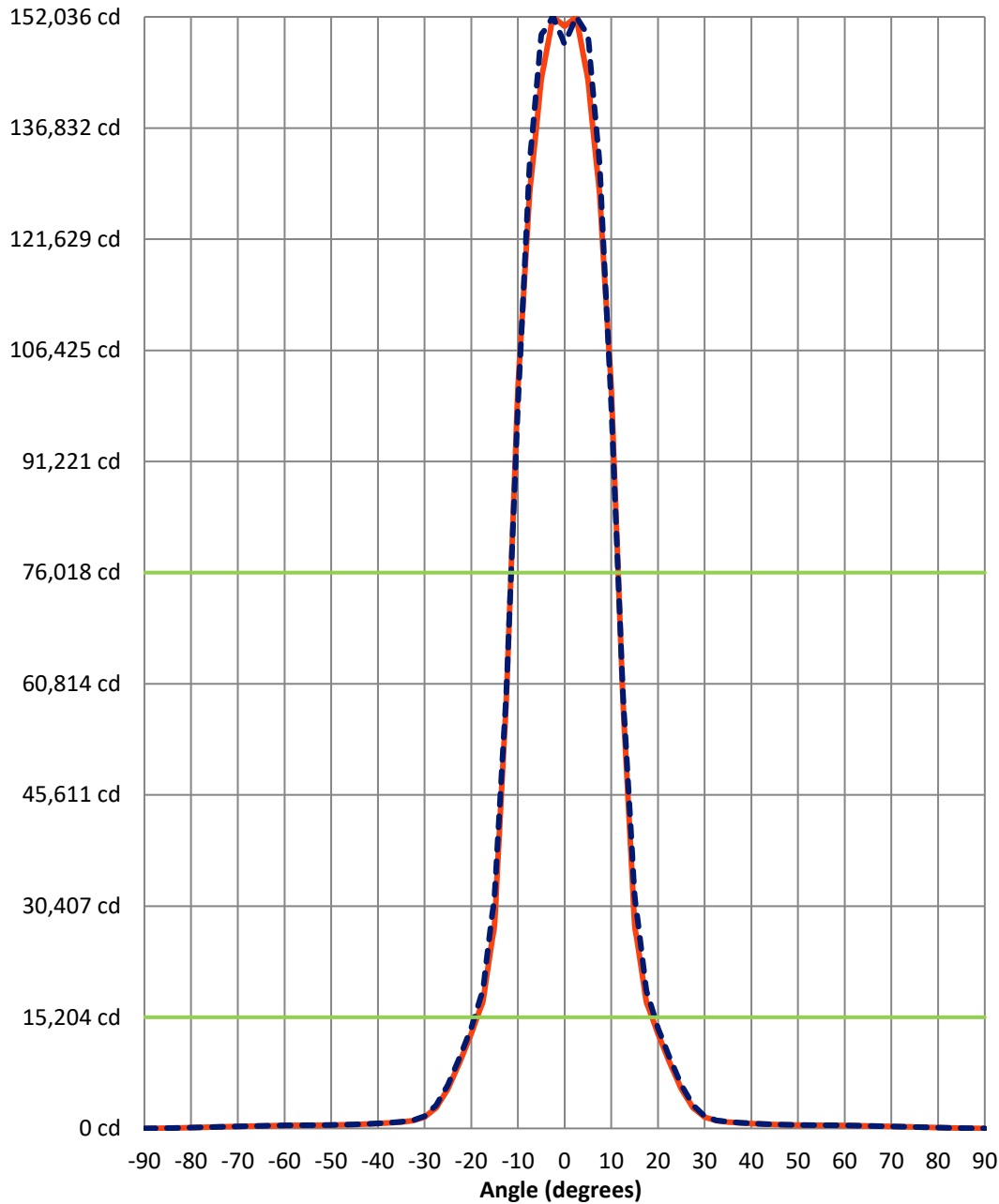
Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg - - - Horizontal Distribution Through -2.5-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 22.9°
 V Angle: 22.9°
 Lumens: 15521.1
 Efficiency: 54.0%

Field:
 H Angle: 38.6°
 V Angle: 37.5°
 Lumens: 23406.6
 Efficiency: 81.4%

Spill:
 Lumens: 5343.2
 Efficiency: 18.6%

— Vertical Distribution through -2.5-Deg
 - - Horizontal Distribution through -2.5-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	0.7	1.4	2.1	2.8	3.5	4.2	4.8	5.5	6.2	6.8
85°	0.0	1.4	2.8	4.2	5.6	7.0	8.3	9.7	11.0	12.3	13.6
82.5°	0.0	2.1	4.2	6.3	8.4	10.4	12.5	14.5	16.7	19.9	23.2
80°	0.0	2.8	5.6	8.4	11.1	13.9	16.8	21.0	25.3	29.8	34.4
77.5°	0.0	3.5	7.0	10.4	13.9	17.9	23.0	28.3	33.9	39.6	45.8
75°	0.0	4.2	8.3	12.5	16.9	23.2	29.2	35.5	42.5	50.5	58.1
72.5°	0.0	4.8	9.7	14.5	21.2	28.4	35.3	43.2	52.7	61.7	70.2
70°	0.0	5.5	11.0	16.7	25.4	33.6	41.5	52.2	62.8	72.9	84.8
67.5°	0.0	6.2	12.3	19.9	29.6	38.7	49.4	61.2	72.9	86.5	99.9
65°	0.0	6.8	13.6	23.1	33.7	44.4	57.0	70.1	84.8	99.9	115.0
62.5°	0.0	7.4	14.9	26.2	37.8	50.5	64.5	79.9	96.5	113.2	130.5
60°	0.0	8.0	16.1	29.3	41.8	56.5	71.8	89.9	108.0	126.9	145.7
57.5°	0.0	8.6	18.1	32.3	46.4	62.4	80.0	99.7	119.8	140.4	160.7
55°	0.0	9.2	20.0	35.2	50.9	68.0	88.2	109.3	131.5	153.5	175.2
52.5°	0.0	9.8	21.9	38.0	55.2	73.7	96.2	119.2	142.8	166.3	189.4
50°	0.0	10.3	23.8	40.8	59.4	80.1	103.9	128.9	153.8	178.6	203.7
47.5°	0.0	10.9	25.5	43.6	63.4	86.3	111.5	138.4	164.5	190.6	217.6
45°	0.0	11.4	27.2	46.4	67.2	92.3	119.3	147.6	174.9	202.9	231.2
42.5°	0.0	11.9	28.8	49.2	70.9	98.0	126.9	156.4	184.9	214.7	243.4
40°	0.0	12.3	30.4	51.7	74.8	103.4	134.3	164.7	194.6	226.2	254.7
37.5°	0.0	12.8	31.9	54.2	78.9	108.6	141.3	172.7	204.2	236.6	265.4
35°	0.0	13.2	33.3	56.5	82.8	113.9	147.9	180.3	213.2	245.6	275.7
32.5°	0.0	13.6	34.6	58.6	86.5	119.1	154.2	187.4	221.7	254.0	285.6
30°	0.0	13.9	35.8	60.6	89.9	124.0	159.9	194.1	229.5	261.9	294.7
27.5°	0.0	14.3	36.9	62.5	93.2	128.6	165.2	200.5	236.4	269.2	302.9
25°	0.0	14.6	37.9	64.2	96.3	132.8	170.1	206.3	242.4	276.0	310.2
22.5°	0.0	14.9	38.9	65.8	99.1	136.7	174.6	211.6	247.8	282.1	316.6
20°	0.0	15.1	39.7	67.2	101.7	140.2	178.6	216.3	252.8	287.4	322.3
17.5°	0.0	15.4	40.5	68.5	104.1	143.3	182.2	220.5	257.1	291.9	327.3
15°	0.0	15.6	41.2	69.6	106.2	146.0	185.2	224.1	260.9	295.7	331.6
12.5°	0.0	15.7	41.7	70.5	108.0	148.3	187.7	227.1	264.2	298.8	335.1
10°	0.0	15.9	42.2	71.2	109.6	150.1	189.8	229.6	266.8	302.0	338.0
7.5°	0.0	16.0	42.5	71.8	110.8	151.5	191.5	231.5	268.9	304.7	340.1
5°	0.0	16.0	42.8	72.3	111.8	152.5	192.7	232.9	270.4	306.8	341.3
2.5°	0.0	16.1	42.9	72.5	112.5	153.1	193.4	233.7	271.3	308.3	341.8
0°	0.0	16.1	43.0	72.6	112.9	153.3	193.6	234.0	271.6	309.2	341.5
-2.5°	0.0	16.1	43.0	72.6	112.9	153.3	193.6	234.0	271.6	309.2	341.5
-5°	0.0	16.0	42.8	72.3	111.8	152.5	192.7	232.9	270.4	306.8	341.3
-7.5°	0.0	16.0	42.5	71.8	110.8	151.5	191.5	231.5	268.9	304.7	340.1
-10°	0.0	15.9	42.2	71.2	109.6	150.1	189.8	229.6	266.8	302.0	338.0
-12.5°	0.0	15.7	41.7	70.5	108.0	148.3	187.7	227.1	264.2	298.8	335.1
-15°	0.0	15.6	41.2	69.6	106.2	146.0	185.2	224.1	260.9	295.7	331.6
-17.5°	0.0	15.4	40.5	68.5	104.1	143.3	182.2	220.5	257.1	291.9	327.3
-20°	0.0	15.1	39.7	67.2	101.7	140.2	178.6	216.3	252.8	287.4	322.3



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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	14.9	38.9	65.8	99.1	136.7	174.6	211.6	247.8	282.1	316.6
-25°	0.0	14.6	37.9	64.2	96.3	132.8	170.1	206.3	242.4	276.0	310.2
-27.5°	0.0	14.3	36.9	62.5	93.2	128.6	165.2	200.5	236.4	269.2	302.9
-30°	0.0	13.9	35.8	60.6	89.9	124.0	159.9	194.1	229.5	261.9	294.7
-32.5°	0.0	13.6	34.6	58.6	86.5	119.1	154.2	187.4	221.7	254.0	285.6
-35°	0.0	13.2	33.3	56.5	82.8	113.9	147.9	180.3	213.2	245.6	275.7
-37.5°	0.0	12.8	31.9	54.2	78.9	108.6	141.3	172.7	204.2	236.6	265.4
-40°	0.0	12.3	30.4	51.7	74.8	103.4	134.3	164.7	194.6	226.2	254.7
-42.5°	0.0	11.9	28.8	49.2	70.9	98.0	126.9	156.4	184.9	214.7	243.4
-45°	0.0	11.4	27.2	46.4	67.2	92.3	119.3	147.6	174.9	202.9	231.2
-47.5°	0.0	10.9	25.5	43.6	63.4	86.3	111.5	138.4	164.5	190.6	217.6
-50°	0.0	10.3	23.8	40.8	59.4	80.1	103.9	128.9	153.8	178.6	203.7
-52.5°	0.0	9.8	21.9	38.0	55.2	73.7	96.2	119.2	142.8	166.3	189.4
-55°	0.0	9.2	20.0	35.2	50.9	68.0	88.2	109.3	131.5	153.5	175.2
-57.5°	0.0	8.6	18.1	32.3	46.4	62.4	80.0	99.7	119.8	140.4	160.7
-60°	0.0	8.0	16.1	29.3	41.8	56.5	71.8	89.9	108.0	126.9	145.7
-62.5°	0.0	7.4	14.9	26.2	37.8	50.5	64.5	79.9	96.5	113.2	130.5
-65°	0.0	6.8	13.6	23.1	33.7	44.4	57.0	70.1	84.8	99.9	115.0
-67.5°	0.0	6.2	12.3	19.9	29.6	38.7	49.4	61.2	72.9	86.5	99.9
-70°	0.0	5.5	11.0	16.7	25.4	33.6	41.5	52.2	62.8	72.9	84.8
-72.5°	0.0	4.8	9.7	14.5	21.2	28.4	35.3	43.2	52.7	61.7	70.2
-75°	0.0	4.2	8.3	12.5	16.9	23.2	29.2	35.5	42.5	50.5	58.1
-77.5°	0.0	3.5	7.0	10.4	13.9	17.9	23.0	28.3	33.9	39.6	45.8
-80°	0.0	2.8	5.6	8.4	11.1	13.9	16.8	21.0	25.3	29.8	34.4
-82.5°	0.0	2.1	4.2	6.3	8.4	10.4	12.5	14.5	16.7	19.9	23.2
-85°	0.0	1.4	2.8	4.2	5.6	7.0	8.3	9.7	11.0	12.3	13.6
-87.5°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.8	5.5	6.2	6.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.4	8.0	8.6	9.2	9.8	10.3	10.9	11.4	11.9	12.3	12.8
85°	14.9	16.1	17.9	19.6	21.2	22.6	23.9	25.0	26.6	28.2	29.9
82.5°	26.1	28.8	31.3	33.5	35.5	37.3	39.2	41.8	45.3	48.5	51.3
80°	38.2	41.6	45.5	49.6	53.8	58.0	62.2	66.4	70.1	73.6	77.3
77.5°	51.3	56.7	62.3	67.9	73.7	80.1	86.3	92.3	97.8	103.2	108.5
75°	65.0	71.8	80.0	88.2	96.2	103.9	111.5	119.1	126.4	133.4	140.1
72.5°	79.9	89.9	99.7	109.3	119.7	129.5	138.8	147.3	156.2	165.2	173.5
70°	96.5	108.0	120.2	132.7	144.8	155.8	166.7	177.8	188.9	198.5	206.8
67.5°	113.2	127.3	141.5	155.6	168.9	181.6	194.7	207.1	218.6	228.6	238.0
65°	130.5	146.4	162.0	177.2	192.1	207.1	221.4	234.8	247.2	258.5	269.1
62.5°	147.5	164.9	181.9	198.8	216.1	232.6	247.5	261.8	275.4	287.4	298.9
60°	164.3	182.9	201.6	220.6	239.4	256.8	272.8	287.6	301.5	314.9	326.8
57.5°	180.7	200.7	221.1	241.5	261.2	280.1	296.3	312.0	326.3	339.9	352.3
55°	196.8	218.0	239.9	261.4	282.0	301.3	318.8	334.6	349.8	362.2	374.1
52.5°	212.7	235.0	257.9	280.4	301.4	321.4	339.6	355.5	369.4	382.1	392.5
50°	228.3	251.6	275.2	297.9	319.6	340.0	358.3	373.7	386.8	398.5	408.4
47.5°	243.0	267.5	291.0	314.6	336.6	356.8	374.8	389.2	402.2	412.6	421.8
45°	256.9	282.4	306.8	329.9	352.3	372.3	388.9	403.4	415.2	425.8	435.0
42.5°	270.1	296.8	321.5	344.6	366.6	385.8	402.1	415.6	427.7	438.1	448.3
40°	282.9	310.8	335.7	358.5	380.0	398.2	413.4	427.2	439.1	450.8	461.9
37.5°	295.2	323.4	349.3	372.4	391.3	409.1	424.1	437.8	451.2	464.1	479.0
35°	307.1	335.7	361.8	384.5	403.1	418.6	434.0	448.9	464.4	480.6	498.1
32.5°	318.0	347.5	373.9	394.7	412.2	427.8	443.8	461.7	480.1	498.6	520.1
30°	327.8	358.1	384.7	404.2	420.4	435.9	454.8	475.3	496.8	518.2	543.2
27.5°	336.4	368.1	392.9	411.7	427.6	442.6	463.6	490.2	513.5	536.3	563.8
25°	344.3	376.1	400.3	418.1	433.0	449.1	470.9	498.3	527.7	552.5	590.9
22.5°	351.1	383.3	407.3	423.8	437.2	454.6	476.7	503.7	533.9	565.2	618.4
20°	357.0	388.6	413.2	428.6	440.4	458.5	479.9	507.5	541.0	586.3	645.1
17.5°	362.1	394.0	417.6	431.8	444.4	461.5	481.0	509.7	548.7	605.2	669.7
15°	366.5	399.2	421.3	434.4	447.4	464.3	485.5	515.4	560.4	622.7	692.3
12.5°	370.1	404.2	424.3	436.6	449.4	466.4	490.3	524.4	574.3	640.2	717.1
10°	373.0	408.9	426.8	438.3	450.4	467.8	494.4	531.4	585.8	656.4	739.2
7.5°	375.6	412.5	428.7	439.5	450.7	468.5	497.8	536.5	594.2	669.8	757.7
5°	377.6	414.9	430.4	440.4	450.5	468.8	500.3	539.7	599.6	679.8	771.5
2.5°	378.8	416.3	431.9	440.9	450.0	468.7	502.2	545.0	606.0	687.4	779.9
0°	379.2	416.8	432.9	441.0	449.1	467.9	502.9	548.6	610.4	691.1	782.5
-2.5°	378.8	416.3	431.9	440.9	450.0	468.7	502.2	545.0	606.0	687.4	779.9
-5°	377.6	414.9	430.4	440.4	450.5	468.8	500.3	539.7	599.6	679.8	771.5
-7.5°	375.6	412.5	428.7	439.5	450.7	468.5	497.8	536.5	594.2	669.8	757.7
-10°	373.0	408.9	426.8	438.3	450.4	467.8	494.4	531.4	585.8	656.4	739.2
-12.5°	370.1	404.2	424.3	436.6	449.4	466.4	490.3	524.4	574.3	640.2	717.1
-15°	366.5	399.2	421.3	434.4	447.4	464.3	485.5	515.4	560.4	622.7	692.3
-17.5°	362.1	394.0	417.6	431.8	444.4	461.5	481.0	509.7	548.7	605.2	669.7
-20°	357.0	388.6	413.2	428.6	440.4	458.5	479.9	507.5	541.0	586.3	645.1



REPORT NUMBER: P559199 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	351.1	383.3	407.3	423.8	437.2	454.6	476.7	503.7	533.9	565.2	618.4
-25°	344.3	376.1	400.3	418.1	433.0	449.1	470.9	498.3	527.7	552.5	590.9
-27.5°	336.4	368.1	392.9	411.7	427.6	442.6	463.6	490.2	513.5	536.3	563.8
-30°	327.8	358.1	384.7	404.2	420.4	435.9	454.8	475.3	496.8	518.2	543.2
-32.5°	318.0	347.5	373.9	394.7	412.2	427.8	443.8	461.7	480.1	498.6	520.1
-35°	307.1	335.7	361.8	384.5	403.1	418.6	434.0	448.9	464.4	480.6	498.1
-37.5°	295.2	323.4	349.3	372.4	391.3	409.1	424.1	437.8	451.2	464.1	479.0
-40°	282.9	310.8	335.7	358.5	380.0	398.2	413.4	427.2	439.1	450.8	461.9
-42.5°	270.1	296.8	321.5	344.6	366.6	385.8	402.1	415.6	427.7	438.1	448.3
-45°	256.9	282.4	306.8	329.9	352.3	372.3	388.9	403.4	415.2	425.8	435.0
-47.5°	243.0	267.5	291.0	314.6	336.6	356.8	374.8	389.2	402.2	412.6	421.8
-50°	228.3	251.6	275.2	297.9	319.6	340.0	358.3	373.7	386.8	398.5	408.4
-52.5°	212.7	235.0	257.9	280.4	301.4	321.4	339.6	355.5	369.4	382.1	392.5
-55°	196.8	218.0	239.9	261.4	282.0	301.3	318.8	334.6	349.8	362.2	374.1
-57.5°	180.7	200.7	221.1	241.5	261.2	280.1	296.3	312.0	326.3	339.9	352.3
-60°	164.3	182.9	201.6	220.6	239.4	256.8	272.8	287.6	301.5	314.9	326.8
-62.5°	147.5	164.9	181.9	198.8	216.1	232.6	247.5	261.8	275.4	287.4	298.9
-65°	130.5	146.4	162.0	177.2	192.1	207.1	221.4	234.8	247.2	258.5	269.1
-67.5°	113.2	127.3	141.5	155.6	168.9	181.6	194.7	207.1	218.6	228.6	238.0
-70°	96.5	108.0	120.2	132.7	144.8	155.8	166.7	177.8	188.9	198.5	206.8
-72.5°	79.9	89.9	99.7	109.3	119.7	129.5	138.8	147.3	156.2	165.2	173.5
-75°	65.0	71.8	80.0	88.2	96.2	103.9	111.5	119.1	126.4	133.4	140.1
-77.5°	51.3	56.7	62.3	67.9	73.7	80.1	86.3	92.3	97.8	103.2	108.5
-80°	38.2	41.6	45.5	49.6	53.8	58.0	62.2	66.4	70.1	73.6	77.3
-82.5°	26.1	28.8	31.3	33.5	35.5	37.3	39.2	41.8	45.3	48.5	51.3
-85°	14.9	16.1	17.9	19.6	21.2	22.6	23.9	25.0	26.6	28.2	29.9
-87.5°	7.4	8.0	8.6	9.2	9.8	10.3	10.9	11.4	11.9	12.3	12.8
-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: P559199 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-NR-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°	13.2	13.0	12.8	12.5	12.1	13.0	13.9	14.7	15.5	15.7	15.9
85°	31.5	32.5	33.4	34.4	35.3	36.3	37.2	38.0	38.6	39.8	40.9
82.5°	53.8	55.9	57.9	59.8	61.5	63.6	65.6	67.5	69.3	70.3	71.2
80°	80.9	84.6	87.9	90.8	93.4	96.6	99.7	102.5	105.1	106.7	108.0
77.5°	113.7	118.2	122.4	126.5	130.2	133.9	137.0	139.5	141.5	143.9	146.2
75°	146.4	152.4	158.2	163.3	167.9	171.9	175.6	178.9	181.9	184.7	187.0
72.5°	181.1	188.0	194.1	199.8	205.1	210.4	215.3	219.6	223.4	226.6	229.3
70°	214.6	222.1	229.5	236.6	243.0	248.8	254.1	258.8	262.9	266.3	269.2
67.5°	247.0	255.4	263.9	271.8	278.8	285.0	290.9	296.4	301.4	305.2	307.8
65°	279.1	288.5	297.6	305.7	312.8	319.3	326.0	331.8	336.8	340.4	342.8
62.5°	310.3	320.5	329.3	337.7	345.7	352.6	358.3	363.6	368.5	372.5	375.0
60°	338.1	348.8	357.4	365.3	372.6	379.3	385.0	390.5	395.8	400.4	403.9
57.5°	362.8	372.6	381.4	388.5	395.1	401.1	406.6	411.2	414.8	417.6	420.1
55°	384.3	393.0	401.3	408.2	414.0	418.8	422.9	426.2	428.7	430.6	431.9
52.5°	402.5	410.7	418.8	425.6	430.0	434.0	437.5	441.5	443.7	444.1	443.9
50°	417.2	425.9	433.2	439.2	445.3	452.0	459.1	462.6	464.0	463.1	461.9
47.5°	430.7	439.1	447.1	454.7	463.4	474.8	486.3	491.8	491.3	488.9	487.7
45°	444.0	453.1	462.5	474.1	486.4	501.1	514.6	523.0	523.1	523.3	525.3
42.5°	457.7	469.2	482.0	497.8	513.9	530.4	544.7	555.2	563.0	572.6	580.5
40°	474.7	487.5	506.7	526.2	547.2	564.8	586.9	606.0	621.7	635.9	646.8
37.5°	494.7	513.0	537.3	562.5	589.6	617.0	642.9	667.1	687.7	711.3	728.8
35°	518.6	544.8	574.3	605.8	639.6	674.3	707.6	746.2	780.0	810.3	835.0
32.5°	546.7	578.2	614.3	656.1	698.3	744.2	792.2	841.7	889.4	939.1	988.8
30°	574.7	616.3	662.5	713.1	762.8	822.7	885.2	966.2	1051.1	1147.9	1296.8
27.5°	608.8	658.6	712.3	770.7	838.9	915.6	1035.9	1185.7	1441.2	1632.2	2145.2
25°	642.3	699.0	768.1	843.8	935.5	1075.6	1363.3	1696.0	2437.1	3130.8	3932.3
22.5°	676.3	747.0	829.8	922.0	1081.5	1442.2	1990.1	2993.4	4138.1	5353.1	6590.6
20°	710.4	793.8	897.4	1051.5	1385.3	2002.5	3232.3	4844.4	6471.0	8458.0	10176.4
17.5°	749.0	852.3	987.7	1219.4	1769.4	3092.0	4911.0	7148.0	9665.0	12219.6	14364.5
15°	780.8	901.7	1083.2	1536.1	2574.4	4329.1	6709.5	9741.8	13173.9	16403.4	19158.1
12.5°	815.9	956.7	1195.3	1793.0	3317.0	5624.2	8761.1	12492.6	16610.0	21035.1	28041.6
10°	848.3	1012.0	1383.3	2326.4	4173.2	6932.7	10598.5	14802.9	19796.3	28656.1	45218.4
7.5°	875.6	1055.8	1524.7	2724.0	4948.1	8167.3	12096.2	16778.4	24285.8	39170.7	67041.1
5°	894.1	1084.9	1623.0	3021.5	5565.3	9077.9	13053.8	18079.2	28866.0	52023.5	85582.1
2.5°	907.2	1100.6	1675.4	3194.9	5955.9	9680.9	13732.2	18954.5	31941.1	59457.9	98776.0
0°	917.0	1105.2	1686.1	3345.3	6088.2	9885.2	13765.6	19189.5	32995.4	62360.6	103477.2
-2.5°	907.2	1100.6	1675.4	3194.9	5955.9	9680.9	13732.2	18954.5	31941.1	59457.9	98776.0
-5°	894.1	1084.9	1623.0	3021.5	5565.3	9077.9	13053.8	18079.2	28866.0	52023.5	85582.1
-7.5°	875.6	1055.8	1524.7	2724.0	4948.1	8167.3	12096.2	16778.4	24285.8	39170.7	67041.1
-10°	848.3	1012.0	1383.3	2326.4	4173.2	6932.7	10598.5	14802.9	19796.3	28656.1	45218.4
-12.5°	815.9	956.7	1195.3	1793.0	3317.0	5624.2	8761.1	12492.6	16610.0	21035.1	28041.6
-15°	780.8	901.7	1083.2	1536.1	2574.4	4329.1	6709.5	9741.8	13173.9	16403.4	19158.1
-17.5°	749.0	852.3	987.7	1219.4	1769.4	3092.0	4911.0	7148.0	9665.0	12219.6	14364.5
-20°	710.4	793.8	897.4	1051.5	1385.3	2002.5	3232.3	4844.4	6471.0	8458.0	10176.4



REPORT NUMBER: P559199 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	676.3	747.0	829.8	922.0	1081.5	1442.2	1990.1	2993.4	4138.1	5353.1	6590.6
-25°	642.3	699.0	768.1	843.8	935.5	1075.6	1363.3	1696.0	2437.1	3130.8	3932.3
-27.5°	608.8	658.6	712.3	770.7	838.9	915.6	1035.9	1185.7	1441.2	1632.2	2145.2
-30°	574.7	616.3	662.5	713.1	762.8	822.7	885.2	966.2	1051.1	1147.9	1296.8
-32.5°	546.7	578.2	614.3	656.1	698.3	744.2	792.2	841.7	889.4	939.1	988.8
-35°	518.6	544.8	574.3	605.8	639.6	674.3	707.6	746.2	780.0	810.3	835.0
-37.5°	494.7	513.0	537.3	562.5	589.6	617.0	642.9	667.1	687.7	711.3	728.8
-40°	474.7	487.5	506.7	526.2	547.2	564.8	586.9	606.0	621.7	635.9	646.8
-42.5°	457.7	469.2	482.0	497.8	513.9	530.4	544.7	555.2	563.0	572.6	580.5
-45°	444.0	453.1	462.5	474.1	486.4	501.1	514.6	523.0	523.1	523.3	525.3
-47.5°	430.7	439.1	447.1	454.7	463.4	474.8	486.3	491.8	491.3	488.9	487.7
-50°	417.2	425.9	433.2	439.2	445.3	452.0	459.1	462.6	464.0	463.1	461.9
-52.5°	402.5	410.7	418.8	425.6	430.0	434.0	437.5	441.5	443.7	444.1	443.9
-55°	384.3	393.0	401.3	408.2	414.0	418.8	422.9	426.2	428.7	430.6	431.9
-57.5°	362.8	372.6	381.4	388.5	395.1	401.1	406.6	411.2	414.8	417.6	420.1
-60°	338.1	348.8	357.4	365.3	372.6	379.3	385.0	390.5	395.8	400.4	403.9
-62.5°	310.3	320.5	329.3	337.7	345.7	352.6	358.3	363.6	368.5	372.5	375.0
-65°	279.1	288.5	297.6	305.7	312.8	319.3	326.0	331.8	336.8	340.4	342.8
-67.5°	247.0	255.4	263.9	271.8	278.8	285.0	290.9	296.4	301.4	305.2	307.8
-70°	214.6	222.1	229.5	236.6	243.0	248.8	254.1	258.8	262.9	266.3	269.2
-72.5°	181.1	188.0	194.1	199.8	205.1	210.4	215.3	219.6	223.4	226.6	229.3
-75°	146.4	152.4	158.2	163.3	167.9	171.9	175.6	178.9	181.9	184.7	187.0
-77.5°	113.7	118.2	122.4	126.5	130.2	133.9	137.0	139.5	141.5	143.9	146.2
-80°	80.9	84.6	87.9	90.8	93.4	96.6	99.7	102.5	105.1	106.7	108.0
-82.5°	53.8	55.9	57.9	59.8	61.5	63.6	65.6	67.5	69.3	70.3	71.2
-85°	31.5	32.5	33.4	34.4	35.3	36.3	37.2	38.0	38.6	39.8	40.9
-87.5°	13.2	13.0	12.8	12.5	12.1	13.0	13.9	14.7	15.5	15.7	15.9
-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: P559199 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-NR-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°	16.0	16.0	16.1	16.1	16.1	16.0	16.0	15.9	15.7	15.5	14.7
85°	41.9	42.8	41.6	40.3	41.6	42.8	41.9	40.9	39.8	38.6	38.0
82.5°	71.8	72.3	72.5	72.6	72.5	72.3	71.8	71.2	70.3	69.3	67.5
80°	109.0	109.7	111.4	112.9	111.4	109.7	109.0	108.0	106.7	105.1	102.5
77.5°	148.2	149.8	150.4	150.6	150.4	149.8	148.2	146.2	143.9	141.5	139.5
75°	188.7	190.0	193.3	196.3	193.3	190.0	188.7	187.0	184.7	181.9	178.9
72.5°	231.3	232.8	234.9	236.6	234.9	232.8	231.3	229.3	226.6	223.4	219.6
70°	271.4	273.0	274.0	274.3	274.0	273.0	271.4	269.2	266.3	262.9	258.8
67.5°	309.6	310.6	310.3	309.2	310.3	310.6	309.6	307.8	305.2	301.4	296.4
65°	344.6	345.6	345.3	344.2	345.3	345.6	344.6	342.8	340.4	336.8	331.8
62.5°	376.8	377.9	378.8	379.2	378.8	377.9	376.8	375.0	372.5	368.5	363.6
60°	407.0	409.6	411.0	411.4	411.0	409.6	407.0	403.9	400.4	395.8	390.5
57.5°	422.2	423.9	424.7	424.9	424.7	423.9	422.2	420.1	417.6	414.8	411.2
55°	432.6	432.7	431.8	430.3	431.8	432.7	432.6	431.9	430.6	428.7	426.2
52.5°	443.0	441.5	440.8	441.0	440.8	441.5	443.0	443.9	444.1	443.7	441.5
50°	460.5	457.9	456.8	457.1	456.8	457.9	460.5	461.9	463.1	464.0	462.6
47.5°	489.3	490.4	491.4	492.1	491.4	490.4	489.3	487.7	488.9	491.3	491.8
45°	530.7	534.4	536.8	537.8	536.8	534.4	530.7	525.3	523.3	523.1	523.0
42.5°	588.6	593.2	594.9	594.3	594.9	593.2	588.6	580.5	572.6	563.0	555.2
40°	658.1	667.1	672.4	672.3	672.4	667.1	658.1	646.8	635.9	621.7	606.0
37.5°	744.7	756.8	762.8	761.0	762.8	756.8	744.7	728.8	711.3	687.7	667.1
35°	853.9	866.0	871.0	876.7	871.0	866.0	853.9	835.0	810.3	780.0	746.2
32.5°	1027.9	1052.4	1062.1	1048.8	1062.1	1052.4	1027.9	988.8	939.1	889.4	841.7
30°	1397.4	1486.7	1546.5	1575.8	1546.5	1486.7	1397.4	1296.8	1147.9	1051.1	966.2
27.5°	2498.2	2731.9	2830.8	2885.4	2830.8	2731.9	2498.2	2145.2	1632.2	1441.2	1185.7
25°	4618.6	5117.3	5404.3	5380.9	5404.3	5117.3	4618.6	3932.3	3130.8	2437.1	1696.0
22.5°	7740.5	8527.2	8999.2	9172.6	8999.2	8527.2	7740.5	6590.6	5353.1	4138.1	2993.4
20°	11610.7	12492.9	12954.3	13023.4	12954.3	12492.9	11610.7	10176.4	8458.0	6471.0	4844.4
17.5°	16052.6	16889.0	17375.1	17369.0	17375.1	16889.0	16052.6	14364.5	12219.6	9665.0	7148.0
15°	22910.0	26147.2	27972.6	27706.0	27972.6	26147.2	22910.0	19158.1	16403.4	13173.9	9741.8
12.5°	37539.6	50469.3	58489.5	60470.1	58489.5	50469.3	37539.6	28041.6	21035.1	16610.0	12492.6
10°	66337.5	85681.1	101129.2	105593.5	101129.2	85681.1	66337.5	45218.4	28656.1	19796.3	14802.9
7.5°	95422.1	118379.8	127828.0	128925.6	127828.0	118379.8	95422.1	67041.1	39170.7	24285.8	16778.4
5°	117375.2	140735.5	143439.4	136647.4	143439.4	140735.5	117375.2	85582.1	52023.5	28866.0	18079.2
2.5°	131866.2	149515.3	152035.7	148380.0	152035.7	149515.3	131866.2	98776.0	59457.9	31941.1	18954.5
0°	135171.1	147180.7	150761.2	151152.5	150761.2	147180.7	135171.1	103477.2	62360.6	32995.4	19189.5
-2.5°	131866.2	149515.3	152035.7	148380.0	152035.7	149515.3	131866.2	98776.0	59457.9	31941.1	18954.5
-5°	117375.2	140735.5	143439.4	136647.4	143439.4	140735.5	117375.2	85582.1	52023.5	28866.0	18079.2
-7.5°	95422.1	118379.8	127828.0	128925.6	127828.0	118379.8	95422.1	67041.1	39170.7	24285.8	16778.4
-10°	66337.5	85681.1	101129.2	105593.5	101129.2	85681.1	66337.5	45218.4	28656.1	19796.3	14802.9
-12.5°	37539.6	50469.3	58489.5	60470.1	58489.5	50469.3	37539.6	28041.6	21035.1	16610.0	12492.6
-15°	22910.0	26147.2	27972.6	27706.0	27972.6	26147.2	22910.0	19158.1	16403.4	13173.9	9741.8
-17.5°	16052.6	16889.0	17375.1	17369.0	17375.1	16889.0	16052.6	14364.5	12219.6	9665.0	7148.0
-20°	11610.7	12492.9	12954.3	13023.4	12954.3	12492.9	11610.7	10176.4	8458.0	6471.0	4844.4



REPORT NUMBER: P559199 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	7740.5	8527.2	8999.2	9172.6	8999.2	8527.2	7740.5	6590.6	5353.1	4138.1	2993.4
-25°	4618.6	5117.3	5404.3	5380.9	5404.3	5117.3	4618.6	3932.3	3130.8	2437.1	1696.0
-27.5°	2498.2	2731.9	2830.8	2885.4	2830.8	2731.9	2498.2	2145.2	1632.2	1441.2	1185.7
-30°	1397.4	1486.7	1546.5	1575.8	1546.5	1486.7	1397.4	1296.8	1147.9	1051.1	966.2
-32.5°	1027.9	1052.4	1062.1	1048.8	1062.1	1052.4	1027.9	988.8	939.1	889.4	841.7
-35°	853.9	866.0	871.0	876.7	871.0	866.0	853.9	835.0	810.3	780.0	746.2
-37.5°	744.7	756.8	762.8	761.0	762.8	756.8	744.7	728.8	711.3	687.7	667.1
-40°	658.1	667.1	672.4	672.3	672.4	667.1	658.1	646.8	635.9	621.7	606.0
-42.5°	588.6	593.2	594.9	594.3	594.9	593.2	588.6	580.5	572.6	563.0	555.2
-45°	530.7	534.4	536.8	537.8	536.8	534.4	530.7	525.3	523.3	523.1	523.0
-47.5°	489.3	490.4	491.4	492.1	491.4	490.4	489.3	487.7	488.9	491.3	491.8
-50°	460.5	457.9	456.8	457.1	456.8	457.9	460.5	461.9	463.1	464.0	462.6
-52.5°	443.0	441.5	440.8	441.0	440.8	441.5	443.0	443.9	444.1	443.7	441.5
-55°	432.6	432.7	431.8	430.3	431.8	432.7	432.6	431.9	430.6	428.7	426.2
-57.5°	422.2	423.9	424.7	424.9	424.7	423.9	422.2	420.1	417.6	414.8	411.2
-60°	407.0	409.6	411.0	411.4	411.0	409.6	407.0	403.9	400.4	395.8	390.5
-62.5°	376.8	377.9	378.8	379.2	378.8	377.9	376.8	375.0	372.5	368.5	363.6
-65°	344.6	345.6	345.3	344.2	345.3	345.6	344.6	342.8	340.4	336.8	331.8
-67.5°	309.6	310.6	310.3	309.2	310.3	310.6	309.6	307.8	305.2	301.4	296.4
-70°	271.4	273.0	274.0	274.3	274.0	273.0	271.4	269.2	266.3	262.9	258.8
-72.5°	231.3	232.8	234.9	236.6	234.9	232.8	231.3	229.3	226.6	223.4	219.6
-75°	188.7	190.0	193.3	196.3	193.3	190.0	188.7	187.0	184.7	181.9	178.9
-77.5°	148.2	149.8	150.4	150.6	150.4	149.8	148.2	146.2	143.9	141.5	139.5
-80°	109.0	109.7	111.4	112.9	111.4	109.7	109.0	108.0	106.7	105.1	102.5
-82.5°	71.8	72.3	72.5	72.6	72.5	72.3	71.8	71.2	70.3	69.3	67.5
-85°	41.9	42.8	41.6	40.3	41.6	42.8	41.9	40.9	39.8	38.6	38.0
-87.5°	16.0	16.0	16.1	16.1	16.1	16.0	16.0	15.9	15.7	15.5	14.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559199 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-NR-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°	13.9	13.0	12.1	12.5	12.8	13.0	13.2	12.8	12.3	11.9	11.4
85°	37.2	36.3	35.3	34.4	33.4	32.5	31.5	29.9	28.2	26.6	25.0
82.5°	65.6	63.6	61.5	59.8	57.9	55.9	53.8	51.3	48.5	45.3	41.8
80°	99.7	96.6	93.4	90.8	87.9	84.6	80.9	77.3	73.6	70.1	66.4
77.5°	137.0	133.9	130.2	126.5	122.4	118.2	113.7	108.5	103.2	97.8	92.3
75°	175.6	171.9	167.9	163.3	158.2	152.4	146.4	140.1	133.4	126.4	119.1
72.5°	215.3	210.4	205.1	199.8	194.1	188.0	181.1	173.5	165.2	156.2	147.3
70°	254.1	248.8	243.0	236.6	229.5	222.1	214.6	206.8	198.5	188.9	177.8
67.5°	290.9	285.0	278.8	271.8	263.9	255.4	247.0	238.0	228.6	218.6	207.1
65°	326.0	319.3	312.8	305.7	297.6	288.5	279.1	269.1	258.5	247.2	234.8
62.5°	358.3	352.6	345.7	337.7	329.3	320.5	310.3	298.9	287.4	275.4	261.8
60°	385.0	379.3	372.6	365.3	357.4	348.8	338.1	326.8	314.9	301.5	287.6
57.5°	406.6	401.1	395.1	388.5	381.4	372.6	362.8	352.3	339.9	326.3	312.0
55°	422.9	418.8	414.0	408.2	401.3	393.0	384.3	374.1	362.2	349.8	334.6
52.5°	437.5	434.0	430.0	425.6	418.8	410.7	402.5	392.5	382.1	369.4	355.5
50°	459.1	452.0	445.3	439.2	433.2	425.9	417.2	408.4	398.5	386.8	373.7
47.5°	486.3	474.8	463.4	454.7	447.1	439.1	430.7	421.8	412.6	402.2	389.2
45°	514.6	501.1	486.4	474.1	462.5	453.1	444.0	435.0	425.8	415.2	403.4
42.5°	544.7	530.4	513.9	497.8	482.0	469.2	457.7	448.3	438.1	427.7	415.6
40°	586.9	564.8	547.2	526.2	506.7	487.5	474.7	461.9	450.8	439.1	427.2
37.5°	642.9	617.0	589.6	562.5	537.3	513.0	494.7	479.0	464.1	451.2	437.8
35°	707.6	674.3	639.6	605.8	574.3	544.8	518.6	498.1	480.6	464.4	448.9
32.5°	792.2	744.2	698.3	656.1	614.3	578.2	546.7	520.1	498.6	480.1	461.7
30°	885.2	822.7	762.8	713.1	662.5	616.3	574.7	543.2	518.2	496.8	475.3
27.5°	1035.9	915.6	838.9	770.7	712.3	658.6	608.8	563.8	536.3	513.5	490.2
25°	1363.3	1075.6	935.5	843.8	768.1	699.0	642.3	590.9	552.5	527.7	498.3
22.5°	1990.1	1442.2	1081.5	922.0	829.8	747.0	676.3	618.4	565.2	533.9	503.7
20°	3232.3	2002.5	1385.3	1051.5	897.4	793.8	710.4	645.1	586.3	541.0	507.5
17.5°	4911.0	3092.0	1769.4	1219.4	987.7	852.3	749.0	669.7	605.2	548.7	509.7
15°	6709.5	4329.1	2574.4	1536.1	1083.2	901.7	780.8	692.3	622.7	560.4	515.4
12.5°	8761.1	5624.2	3317.0	1793.0	1195.3	956.7	815.9	717.1	640.2	574.3	524.4
10°	10598.5	6932.7	4173.2	2326.4	1383.3	1012.0	848.3	739.2	656.4	585.8	531.4
7.5°	12096.2	8167.3	4948.1	2724.0	1524.7	1055.8	875.6	757.7	669.8	594.2	536.5
5°	13053.8	9077.9	5565.3	3021.5	1623.0	1084.9	894.1	771.5	679.8	599.6	539.7
2.5°	13732.2	9680.9	5955.9	3194.9	1675.4	1100.6	907.2	779.9	687.4	606.0	545.0
0°	13765.6	9885.2	6088.2	3345.3	1686.1	1105.2	917.0	782.5	691.1	610.4	548.6
-2.5°	13732.2	9680.9	5955.9	3194.9	1675.4	1100.6	907.2	779.9	687.4	606.0	545.0
-5°	13053.8	9077.9	5565.3	3021.5	1623.0	1084.9	894.1	771.5	679.8	599.6	539.7
-7.5°	12096.2	8167.3	4948.1	2724.0	1524.7	1055.8	875.6	757.7	669.8	594.2	536.5
-10°	10598.5	6932.7	4173.2	2326.4	1383.3	1012.0	848.3	739.2	656.4	585.8	531.4
-12.5°	8761.1	5624.2	3317.0	1793.0	1195.3	956.7	815.9	717.1	640.2	574.3	524.4
-15°	6709.5	4329.1	2574.4	1536.1	1083.2	901.7	780.8	692.3	622.7	560.4	515.4
-17.5°	4911.0	3092.0	1769.4	1219.4	987.7	852.3	749.0	669.7	605.2	548.7	509.7
-20°	3232.3	2002.5	1385.3	1051.5	897.4	793.8	710.4	645.1	586.3	541.0	507.5



REPORT NUMBER: P559199 (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°
-22.5°	1990.1	1442.2	1081.5	922.0	829.8	747.0	676.3	618.4	565.2	533.9	503.7
-25°	1363.3	1075.6	935.5	843.8	768.1	699.0	642.3	590.9	552.5	527.7	498.3
-27.5°	1035.9	915.6	838.9	770.7	712.3	658.6	608.8	563.8	536.3	513.5	490.2
-30°	885.2	822.7	762.8	713.1	662.5	616.3	574.7	543.2	518.2	496.8	475.3
-32.5°	792.2	744.2	698.3	656.1	614.3	578.2	546.7	520.1	498.6	480.1	461.7
-35°	707.6	674.3	639.6	605.8	574.3	544.8	518.6	498.1	480.6	464.4	448.9
-37.5°	642.9	617.0	589.6	562.5	537.3	513.0	494.7	479.0	464.1	451.2	437.8
-40°	586.9	564.8	547.2	526.2	506.7	487.5	474.7	461.9	450.8	439.1	427.2
-42.5°	544.7	530.4	513.9	497.8	482.0	469.2	457.7	448.3	438.1	427.7	415.6
-45°	514.6	501.1	486.4	474.1	462.5	453.1	444.0	435.0	425.8	415.2	403.4
-47.5°	486.3	474.8	463.4	454.7	447.1	439.1	430.7	421.8	412.6	402.2	389.2
-50°	459.1	452.0	445.3	439.2	433.2	425.9	417.2	408.4	398.5	386.8	373.7
-52.5°	437.5	434.0	430.0	425.6	418.8	410.7	402.5	392.5	382.1	369.4	355.5
-55°	422.9	418.8	414.0	408.2	401.3	393.0	384.3	374.1	362.2	349.8	334.6
-57.5°	406.6	401.1	395.1	388.5	381.4	372.6	362.8	352.3	339.9	326.3	312.0
-60°	385.0	379.3	372.6	365.3	357.4	348.8	338.1	326.8	314.9	301.5	287.6
-62.5°	358.3	352.6	345.7	337.7	329.3	320.5	310.3	298.9	287.4	275.4	261.8
-65°	326.0	319.3	312.8	305.7	297.6	288.5	279.1	269.1	258.5	247.2	234.8
-67.5°	290.9	285.0	278.8	271.8	263.9	255.4	247.0	238.0	228.6	218.6	207.1
-70°	254.1	248.8	243.0	236.6	229.5	222.1	214.6	206.8	198.5	188.9	177.8
-72.5°	215.3	210.4	205.1	199.8	194.1	188.0	181.1	173.5	165.2	156.2	147.3
-75°	175.6	171.9	167.9	163.3	158.2	152.4	146.4	140.1	133.4	126.4	119.1
-77.5°	137.0	133.9	130.2	126.5	122.4	118.2	113.7	108.5	103.2	97.8	92.3
-80°	99.7	96.6	93.4	90.8	87.9	84.6	80.9	77.3	73.6	70.1	66.4
-82.5°	65.6	63.6	61.5	59.8	57.9	55.9	53.8	51.3	48.5	45.3	41.8
-85°	37.2	36.3	35.3	34.4	33.4	32.5	31.5	29.9	28.2	26.6	25.0
-87.5°	13.9	13.0	12.1	12.5	12.8	13.0	13.2	12.8	12.3	11.9	11.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559199 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-NR-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°	10.9	10.3	9.8	9.2	8.6	8.0	7.4	6.8	6.2	5.5	4.8
85°	23.9	22.6	21.2	19.6	17.9	16.1	14.9	13.6	12.3	11.0	9.7
82.5°	39.2	37.3	35.5	33.5	31.3	28.8	26.1	23.2	19.9	16.7	14.5
80°	62.2	58.0	53.8	49.6	45.5	41.6	38.2	34.4	29.8	25.3	21.0
77.5°	86.3	80.1	73.7	67.9	62.3	56.7	51.3	45.8	39.6	33.9	28.3
75°	111.5	103.9	96.2	88.2	80.0	71.8	65.0	58.1	50.5	42.5	35.5
72.5°	138.8	129.5	119.7	109.3	99.7	89.9	79.9	70.2	61.7	52.7	43.2
70°	166.7	155.8	144.8	132.7	120.2	108.0	96.5	84.8	72.9	62.8	52.2
67.5°	194.7	181.6	168.9	155.6	141.5	127.3	113.2	99.9	86.5	72.9	61.2
65°	221.4	207.1	192.1	177.2	162.0	146.4	130.5	115.0	99.9	84.8	70.1
62.5°	247.5	232.6	216.1	198.8	181.9	164.9	147.5	130.5	113.2	96.5	79.9
60°	272.8	256.8	239.4	220.6	201.6	182.9	164.3	145.7	126.9	108.0	89.9
57.5°	296.3	280.1	261.2	241.5	221.1	200.7	180.7	160.7	140.4	119.8	99.7
55°	318.8	301.3	282.0	261.4	239.9	218.0	196.8	175.2	153.5	131.5	109.3
52.5°	339.6	321.4	301.4	280.4	257.9	235.0	212.7	189.4	166.3	142.8	119.2
50°	358.3	340.0	319.6	297.9	275.2	251.6	228.3	203.7	178.6	153.8	128.9
47.5°	374.8	356.8	336.6	314.6	291.0	267.5	243.0	217.6	190.6	164.5	138.4
45°	388.9	372.3	352.3	329.9	306.8	282.4	256.9	231.2	202.9	174.9	147.6
42.5°	402.1	385.8	366.6	344.6	321.5	296.8	270.1	243.4	214.7	184.9	156.4
40°	413.4	398.2	380.0	358.5	335.7	310.8	282.9	254.7	226.2	194.6	164.7
37.5°	424.1	409.1	391.3	372.4	349.3	323.4	295.2	265.4	236.6	204.2	172.7
35°	434.0	418.6	403.1	384.5	361.8	335.7	307.1	275.7	245.6	213.2	180.3
32.5°	443.8	427.8	412.2	394.7	373.9	347.5	318.0	285.6	254.0	221.7	187.4
30°	454.8	435.9	420.4	404.2	384.7	358.1	327.8	294.7	261.9	229.5	194.1
27.5°	463.6	442.6	427.6	411.7	392.9	368.1	336.4	302.9	269.2	236.4	200.5
25°	470.9	449.1	433.0	418.1	400.3	376.1	344.3	310.2	276.0	242.4	206.3
22.5°	476.7	454.6	437.2	423.8	407.3	383.3	351.1	316.6	282.1	247.8	211.6
20°	479.9	458.5	440.4	428.6	413.2	388.6	357.0	322.3	287.4	252.8	216.3
17.5°	481.0	461.5	444.4	431.8	417.6	394.0	362.1	327.3	291.9	257.1	220.5
15°	485.5	464.3	447.4	434.4	421.3	399.2	366.5	331.6	295.7	260.9	224.1
12.5°	490.3	466.4	449.4	436.6	424.3	404.2	370.1	335.1	298.8	264.2	227.1
10°	494.4	467.8	450.4	438.3	426.8	408.9	373.0	338.0	302.0	266.8	229.6
7.5°	497.8	468.5	450.7	439.5	428.7	412.5	375.6	340.1	304.7	268.9	231.5
5°	500.3	468.8	450.5	440.4	430.4	414.9	377.6	341.3	306.8	270.4	232.9
2.5°	502.2	468.7	450.0	440.9	431.9	416.3	378.8	341.8	308.3	271.3	233.7
0°	502.9	467.9	449.1	441.0	432.9	416.8	379.2	341.5	309.2	271.6	234.0
-2.5°	502.2	468.7	450.0	440.9	431.9	416.3	378.8	341.8	308.3	271.3	233.7
-5°	500.3	468.8	450.5	440.4	430.4	414.9	377.6	341.3	306.8	270.4	232.9
-7.5°	497.8	468.5	450.7	439.5	428.7	412.5	375.6	340.1	304.7	268.9	231.5
-10°	494.4	467.8	450.4	438.3	426.8	408.9	373.0	338.0	302.0	266.8	229.6
-12.5°	490.3	466.4	449.4	436.6	424.3	404.2	370.1	335.1	298.8	264.2	227.1
-15°	485.5	464.3	447.4	434.4	421.3	399.2	366.5	331.6	295.7	260.9	224.1
-17.5°	481.0	461.5	444.4	431.8	417.6	394.0	362.1	327.3	291.9	257.1	220.5
-20°	479.9	458.5	440.4	428.6	413.2	388.6	357.0	322.3	287.4	252.8	216.3



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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°	476.7	454.6	437.2	423.8	407.3	383.3	351.1	316.6	282.1	247.8	211.6
-25°	470.9	449.1	433.0	418.1	400.3	376.1	344.3	310.2	276.0	242.4	206.3
-27.5°	463.6	442.6	427.6	411.7	392.9	368.1	336.4	302.9	269.2	236.4	200.5
-30°	454.8	435.9	420.4	404.2	384.7	358.1	327.8	294.7	261.9	229.5	194.1
-32.5°	443.8	427.8	412.2	394.7	373.9	347.5	318.0	285.6	254.0	221.7	187.4
-35°	434.0	418.6	403.1	384.5	361.8	335.7	307.1	275.7	245.6	213.2	180.3
-37.5°	424.1	409.1	391.3	372.4	349.3	323.4	295.2	265.4	236.6	204.2	172.7
-40°	413.4	398.2	380.0	358.5	335.7	310.8	282.9	254.7	226.2	194.6	164.7
-42.5°	402.1	385.8	366.6	344.6	321.5	296.8	270.1	243.4	214.7	184.9	156.4
-45°	388.9	372.3	352.3	329.9	306.8	282.4	256.9	231.2	202.9	174.9	147.6
-47.5°	374.8	356.8	336.6	314.6	291.0	267.5	243.0	217.6	190.6	164.5	138.4
-50°	358.3	340.0	319.6	297.9	275.2	251.6	228.3	203.7	178.6	153.8	128.9
-52.5°	339.6	321.4	301.4	280.4	257.9	235.0	212.7	189.4	166.3	142.8	119.2
-55°	318.8	301.3	282.0	261.4	239.9	218.0	196.8	175.2	153.5	131.5	109.3
-57.5°	296.3	280.1	261.2	241.5	221.1	200.7	180.7	160.7	140.4	119.8	99.7
-60°	272.8	256.8	239.4	220.6	201.6	182.9	164.3	145.7	126.9	108.0	89.9
-62.5°	247.5	232.6	216.1	198.8	181.9	164.9	147.5	130.5	113.2	96.5	79.9
-65°	221.4	207.1	192.1	177.2	162.0	146.4	130.5	115.0	99.9	84.8	70.1
-67.5°	194.7	181.6	168.9	155.6	141.5	127.3	113.2	99.9	86.5	72.9	61.2
-70°	166.7	155.8	144.8	132.7	120.2	108.0	96.5	84.8	72.9	62.8	52.2
-72.5°	138.8	129.5	119.7	109.3	99.7	89.9	79.9	70.2	61.7	52.7	43.2
-75°	111.5	103.9	96.2	88.2	80.0	71.8	65.0	58.1	50.5	42.5	35.5
-77.5°	86.3	80.1	73.7	67.9	62.3	56.7	51.3	45.8	39.6	33.9	28.3
-80°	62.2	58.0	53.8	49.6	45.5	41.6	38.2	34.4	29.8	25.3	21.0
-82.5°	39.2	37.3	35.5	33.5	31.3	28.8	26.1	23.2	19.9	16.7	14.5
-85°	23.9	22.6	21.2	19.6	17.9	16.1	14.9	13.6	12.3	11.0	9.7
-87.5°	10.9	10.3	9.8	9.2	8.6	8.0	7.4	6.8	6.2	5.5	4.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
85°	8.3	7.0	5.6	4.2	2.8	1.4	0.0
82.5°	12.5	10.4	8.4	6.3	4.2	2.1	0.0
80°	16.8	13.9	11.1	8.4	5.6	2.8	0.0
77.5°	23.0	17.9	13.9	10.4	7.0	3.5	0.0
75°	29.2	23.2	16.9	12.5	8.3	4.2	0.0
72.5°	35.3	28.4	21.2	14.5	9.7	4.8	0.0
70°	41.5	33.6	25.4	16.7	11.0	5.5	0.0
67.5°	49.4	38.7	29.6	19.9	12.3	6.2	0.0
65°	57.0	44.4	33.7	23.1	13.6	6.8	0.0
62.5°	64.5	50.5	37.8	26.2	14.9	7.4	0.0
60°	71.8	56.5	41.8	29.3	16.1	8.0	0.0
57.5°	80.0	62.4	46.4	32.3	18.1	8.6	0.0
55°	88.2	68.0	50.9	35.2	20.0	9.2	0.0
52.5°	96.2	73.7	55.2	38.0	21.9	9.8	0.0
50°	103.9	80.1	59.4	40.8	23.8	10.3	0.0
47.5°	111.5	86.3	63.4	43.6	25.5	10.9	0.0
45°	119.3	92.3	67.2	46.4	27.2	11.4	0.0
42.5°	126.9	98.0	70.9	49.2	28.8	11.9	0.0
40°	134.3	103.4	74.8	51.7	30.4	12.3	0.0
37.5°	141.3	108.6	78.9	54.2	31.9	12.8	0.0
35°	147.9	113.9	82.8	56.5	33.3	13.2	0.0
32.5°	154.2	119.1	86.5	58.6	34.6	13.6	0.0
30°	159.9	124.0	89.9	60.6	35.8	13.9	0.0
27.5°	165.2	128.6	93.2	62.5	36.9	14.3	0.0
25°	170.1	132.8	96.3	64.2	37.9	14.6	0.0
22.5°	174.6	136.7	99.1	65.8	38.9	14.9	0.0
20°	178.6	140.2	101.7	67.2	39.7	15.1	0.0
17.5°	182.2	143.3	104.1	68.5	40.5	15.4	0.0
15°	185.2	146.0	106.2	69.6	41.2	15.6	0.0
12.5°	187.7	148.3	108.0	70.5	41.7	15.7	0.0
10°	189.8	150.1	109.6	71.2	42.2	15.9	0.0
7.5°	191.5	151.5	110.8	71.8	42.5	16.0	0.0
5°	192.7	152.5	111.8	72.3	42.8	16.0	0.0
2.5°	193.4	153.1	112.5	72.5	42.9	16.1	0.0
0°	193.6	153.3	112.9	72.6	43.0	16.1	0.0
-2.5°	193.4	153.1	112.5	72.5	42.9	16.1	0.0
-5°	192.7	152.5	111.8	72.3	42.8	16.0	0.0
-7.5°	191.5	151.5	110.8	71.8	42.5	16.0	0.0
-10°	189.8	150.1	109.6	71.2	42.2	15.9	0.0
-12.5°	187.7	148.3	108.0	70.5	41.7	15.7	0.0
-15°	185.2	146.0	106.2	69.6	41.2	15.6	0.0
-17.5°	182.2	143.3	104.1	68.5	40.5	15.4	0.0
-20°	178.6	140.2	101.7	67.2	39.7	15.1	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	174.6	136.7	99.1	65.8	38.9	14.9	0.0
-25°	170.1	132.8	96.3	64.2	37.9	14.6	0.0
-27.5°	165.2	128.6	93.2	62.5	36.9	14.3	0.0
-30°	159.9	124.0	89.9	60.6	35.8	13.9	0.0
-32.5°	154.2	119.1	86.5	58.6	34.6	13.6	0.0
-35°	147.9	113.9	82.8	56.5	33.3	13.2	0.0
-37.5°	141.3	108.6	78.9	54.2	31.9	12.8	0.0
-40°	134.3	103.4	74.8	51.7	30.4	12.3	0.0
-42.5°	126.9	98.0	70.9	49.2	28.8	11.9	0.0
-45°	119.3	92.3	67.2	46.4	27.2	11.4	0.0
-47.5°	111.5	86.3	63.4	43.6	25.5	10.9	0.0
-50°	103.9	80.1	59.4	40.8	23.8	10.3	0.0
-52.5°	96.2	73.7	55.2	38.0	21.9	9.8	0.0
-55°	88.2	68.0	50.9	35.2	20.0	9.2	0.0
-57.5°	80.0	62.4	46.4	32.3	18.1	8.6	0.0
-60°	71.8	56.5	41.8	29.3	16.1	8.0	0.0
-62.5°	64.5	50.5	37.8	26.2	14.9	7.4	0.0
-65°	57.0	44.4	33.7	23.1	13.6	6.8	0.0
-67.5°	49.4	38.7	29.6	19.9	12.3	6.2	0.0
-70°	41.5	33.6	25.4	16.7	11.0	5.5	0.0
-72.5°	35.3	28.4	21.2	14.5	9.7	4.8	0.0
-75°	29.2	23.2	16.9	12.5	8.3	4.2	0.0
-77.5°	23.0	17.9	13.9	10.4	7.0	3.5	0.0
-80°	16.8	13.9	11.1	8.4	5.6	2.8	0.0
-82.5°	12.5	10.4	8.4	6.3	4.2	2.1	0.0
-85°	8.3	7.0	5.6	4.2	2.8	1.4	0.0
-87.5°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)