

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: P558964 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-940-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558964 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-4)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA4D-940-U-MR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQUARE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (64) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

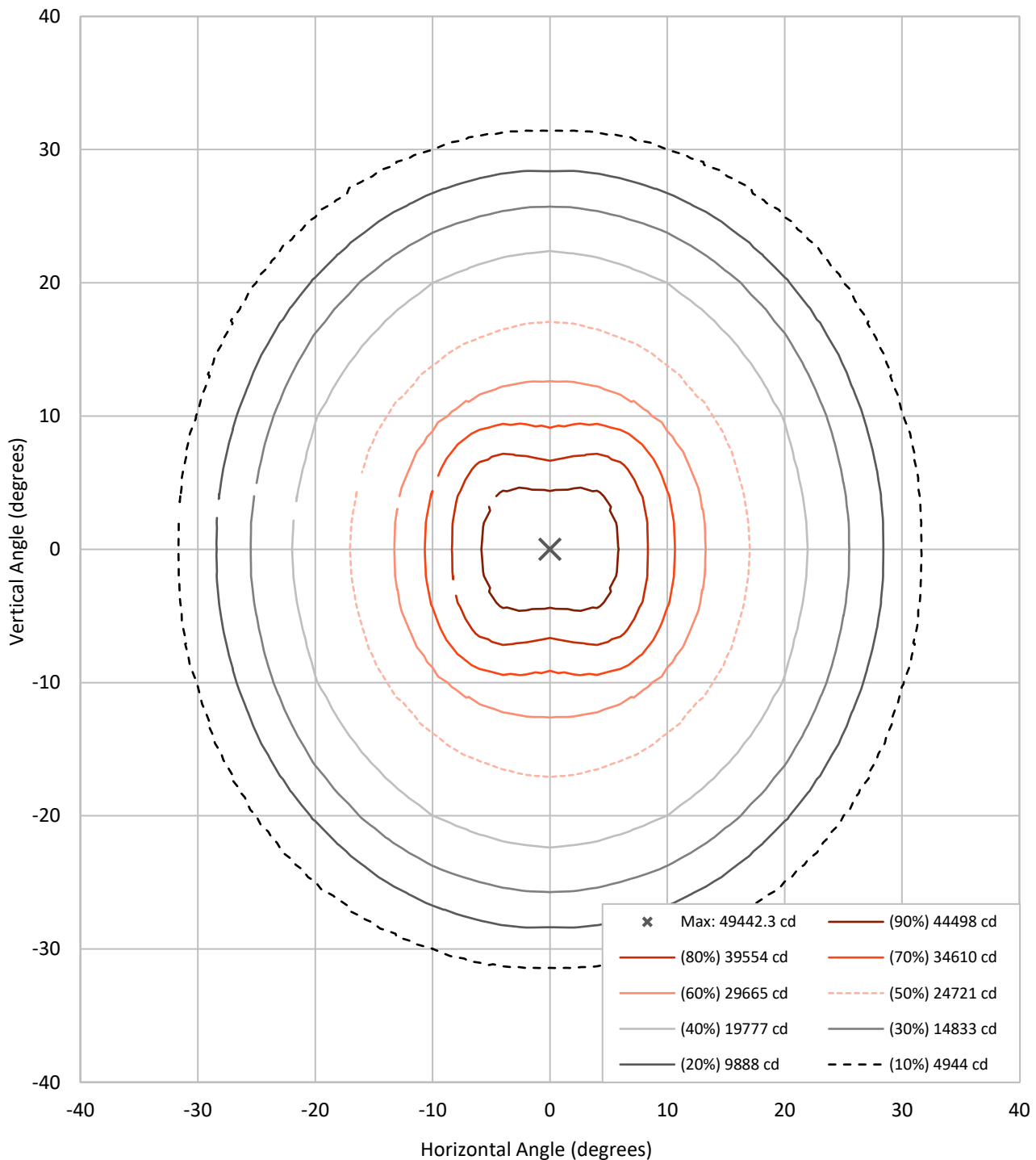
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	21871.9 lumens	Max Intensity:	49442.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	100.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	9316 lumens	Field Lumens:	19040.1 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 217
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot





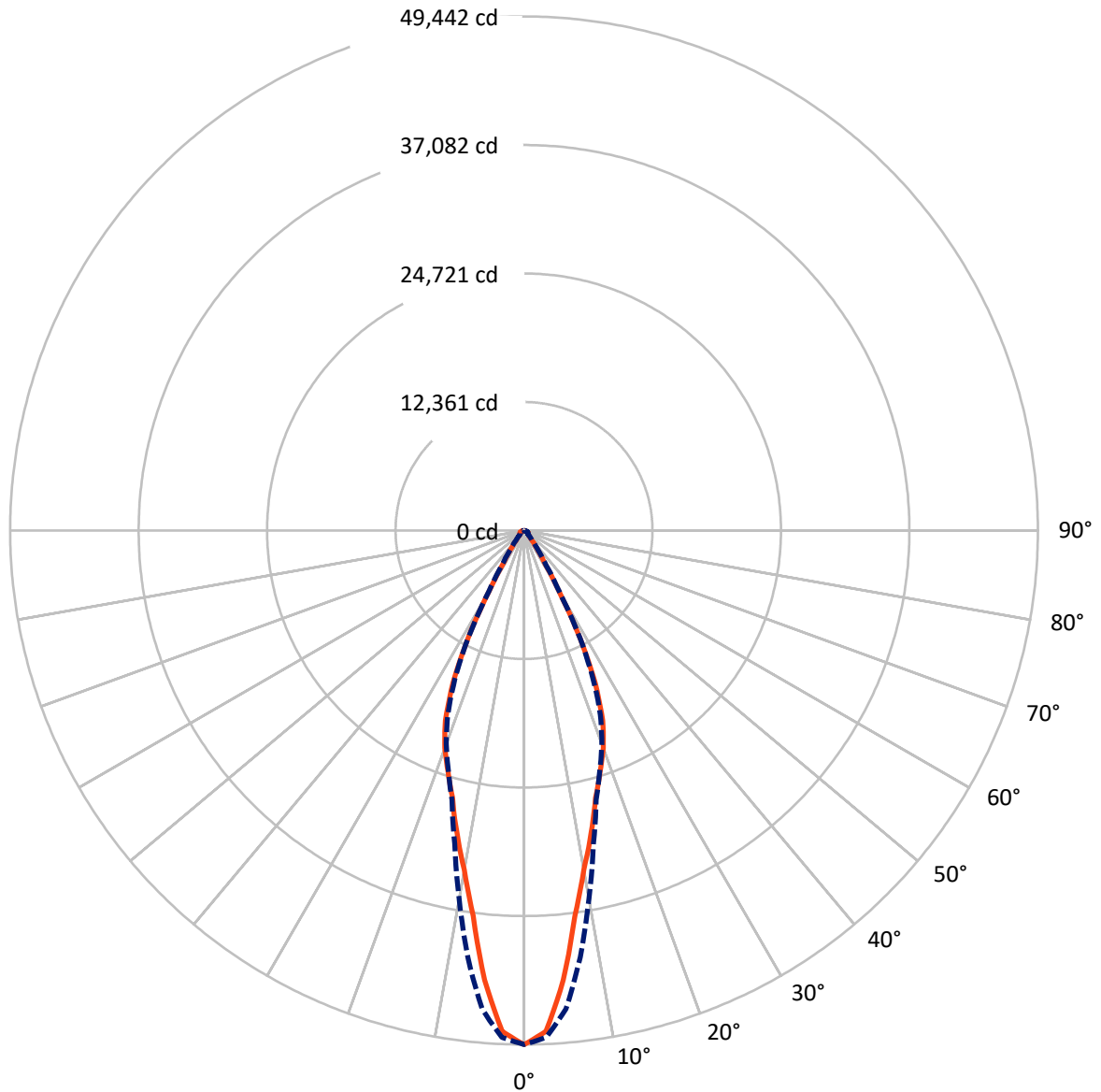
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Lumen Table

90																			
80	0.3	2.4		6.8		11.2		13.1		11.2		6.8		2.4		0.3			
70																			
60	1.1	1.3	2.8	4.8	7.1	9.1	10.7	11.6	11.6	10.7	9.1	7.1	4.8	2.8	1.3	1.1			
50		2.0	4.5	7.7	10.5	11.9	12.6	12.9	12.9	12.6	11.9	10.5	7.7	4.5	2.0				
40	2.1	2.8	6.2	9.3	10.9	13.5	17.3	19.9	19.9	17.3	13.5	10.9	9.3	6.2	2.8	2.1			
30		3.6	7.2	9.4	14.1	27.9	53.0	81.0	81.0	53.0	27.9	14.1	9.4	7.2	3.6				
20	2.8	4.2	7.4	10.5	25.6	85.1	267.6	440.6	440.6	267.6	85.1	25.6	10.5	7.4	4.2	2.8			
10		4.6	7.4	12.9	47.8	252.3	596.1	789.5	789.5	596.1	252.3	47.8	12.9	7.4	4.6				
0	3.1	4.8	7.5	14.9	72.7	397.4	775.3	1223.4	1223.4	775.3	397.4	72.7	14.9	7.5	4.8	3.1			
-10		4.8	7.5	14.9	72.7	397.4	775.3	1223.4	1223.4	775.3	397.4	72.7	14.9	7.5	4.8				
-20	2.8	4.6	7.4	12.9	47.8	252.3	596.1	789.5	789.5	596.1	252.3	47.8	12.9	7.4	4.6	2.8			
-30		4.2	7.4	10.5	25.6	85.1	267.6	440.6	440.6	267.6	85.1	25.6	10.5	7.4	4.2				
-40	2.1	3.6	7.2	9.4	14.1	27.9	53.0	81.0	81.0	53.0	27.9	14.1	9.4	7.2	3.6	2.1			
-50		2.8	6.2	9.3	10.9	13.5	17.3	19.9	19.9	17.3	13.5	10.9	9.3	6.2	2.8				
-60	1.1	2.0	4.5	7.7	10.5	11.9	12.6	12.9	12.9	12.6	11.9	10.5	7.7	4.5	2.0	1.1			
-70		1.3	2.8	4.8	7.1	9.1	10.7	11.6	11.6	10.7	9.1	7.1	4.8	2.8	1.3				
-80	0.3	2.4		6.8		11.2		13.1		11.2		6.8		2.4		0.3			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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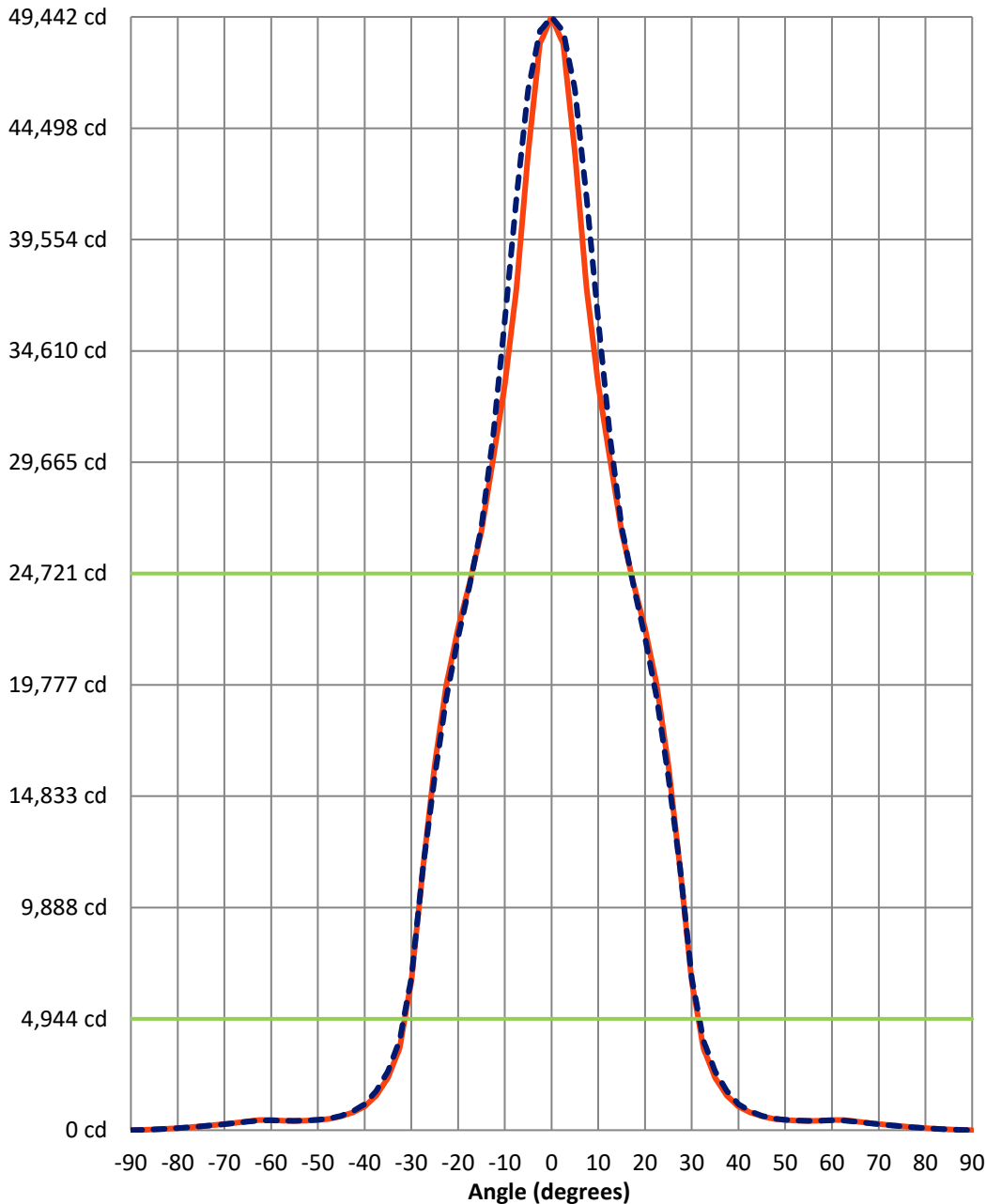
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 34°
 V Angle: 34.1°
 Lumens: 9316
 Efficiency: 42.6%

Field:
 H Angle: 63.3°
 V Angle: 62.8°
 Lumens: 19040.1
 Efficiency: 87.1%

Spill:
 Lumens: 2831.8
 Efficiency: 12.9%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.3	4.8	5.3
85°	0.0	1.1	2.2	3.3	4.4	5.4	6.5	7.6	8.6	9.6	10.6
82.5°	0.0	1.6	3.3	4.9	6.5	8.2	9.8	11.3	13.1	15.7	18.2
80°	0.0	2.2	4.4	6.5	8.7	10.9	13.3	17.1	20.6	23.9	27.0
77.5°	0.0	2.7	5.4	8.2	10.9	14.3	19.2	23.8	28.1	32.1	36.2
75°	0.0	3.3	6.5	9.8	13.3	19.0	24.9	30.4	35.5	41.0	46.5
72.5°	0.0	3.8	7.6	11.3	16.9	23.7	30.6	37.1	43.5	50.0	56.7
70°	0.0	4.3	8.6	13.1	20.5	28.3	36.3	43.8	51.2	59.0	68.9
67.5°	0.0	4.8	9.6	15.7	24.1	32.8	41.9	50.4	59.0	70.3	81.5
65°	0.0	5.3	10.6	18.3	27.5	37.4	47.5	56.9	68.9	81.5	94.8
62.5°	0.0	5.8	11.6	20.8	30.9	42.1	53.0	64.8	78.7	93.0	110.1
60°	0.0	6.3	12.6	23.2	34.2	46.8	58.5	73.2	88.3	106.6	125.2
57.5°	0.0	6.8	14.2	25.6	38.0	51.5	65.4	81.4	99.6	119.9	140.7
55°	0.0	7.2	15.7	27.8	41.7	56.0	72.3	89.5	111.1	133.0	155.9
52.5°	0.0	7.7	17.2	30.0	45.3	60.7	79.1	99.0	122.3	146.0	170.6
50°	0.0	8.1	18.7	32.2	48.9	66.1	85.6	108.5	133.2	158.5	186.0
47.5°	0.0	8.5	20.1	34.4	52.3	71.3	92.1	117.5	143.7	170.5	201.2
45°	0.0	8.9	21.5	36.9	55.7	76.4	99.4	126.0	153.8	183.8	216.0
42.5°	0.0	9.3	22.9	39.3	58.9	81.3	106.3	134.4	163.6	196.8	231.3
40°	0.0	9.7	24.2	41.7	62.3	85.9	112.9	142.6	173.5	209.3	246.1
37.5°	0.0	10.0	25.4	43.9	65.8	90.3	119.1	150.4	184.1	221.4	260.1
35°	0.0	10.3	26.6	46.0	69.2	94.9	124.8	157.8	194.0	233.2	273.7
32.5°	0.0	10.6	27.7	47.9	72.3	99.5	130.4	164.8	203.4	244.3	286.7
30°	0.0	10.9	28.7	49.7	75.3	103.6	136.0	171.7	212.0	254.7	298.9
27.5°	0.0	11.2	29.7	51.3	77.8	107.5	141.2	178.7	220.2	264.4	310.1
25°	0.0	11.4	30.6	52.8	80.1	111.0	146.0	185.1	228.0	273.5	320.6
22.5°	0.0	11.6	31.5	54.1	82.1	114.1	150.4	190.9	235.1	281.9	331.0
20°	0.0	11.8	32.3	55.2	84.0	116.7	154.4	196.1	241.5	289.5	340.3
17.5°	0.0	12.0	33.0	56.2	85.6	119.0	157.9	200.7	247.2	296.3	348.5
15°	0.0	12.2	33.6	57.0	87.0	121.0	161.0	204.7	252.1	302.1	355.5
12.5°	0.0	12.3	34.2	57.6	88.1	122.7	163.7	208.1	256.2	307.0	361.4
10°	0.0	12.4	34.6	58.1	89.0	124.0	165.9	210.9	259.4	311.5	366.6
7.5°	0.0	12.5	35.0	58.5	89.7	124.9	167.6	213.2	261.9	315.2	372.0
5°	0.0	12.6	35.3	58.7	90.1	125.6	168.9	214.7	263.5	318.0	376.4
2.5°	0.0	12.6	35.6	58.8	90.3	125.9	169.6	215.7	264.3	320.0	379.6
0°	0.0	12.6	35.7	58.7	90.2	125.8	169.9	216.0	264.3	320.9	381.7
-2.5°	0.0	12.6	35.6	58.8	90.3	125.9	169.6	215.7	264.3	320.0	379.6
-5°	0.0	12.6	35.3	58.7	90.1	125.6	168.9	214.7	263.5	318.0	376.4
-7.5°	0.0	12.5	35.0	58.5	89.7	124.9	167.6	213.2	261.9	315.2	372.0
-10°	0.0	12.4	34.6	58.1	89.0	124.0	165.9	210.9	259.4	311.5	366.6
-12.5°	0.0	12.3	34.2	57.6	88.1	122.7	163.7	208.1	256.2	307.0	361.4
-15°	0.0	12.2	33.6	57.0	87.0	121.0	161.0	204.7	252.1	302.1	355.5
-17.5°	0.0	12.0	33.0	56.2	85.6	119.0	157.9	200.7	247.2	296.3	348.5
-20°	0.0	11.8	32.3	55.2	84.0	116.7	154.4	196.1	241.5	289.5	340.3



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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	11.6	31.5	54.1	82.1	114.1	150.4	190.9	235.1	281.9	331.0
-25°	0.0	11.4	30.6	52.8	80.1	111.0	146.0	185.1	228.0	273.5	320.6
-27.5°	0.0	11.2	29.7	51.3	77.8	107.5	141.2	178.7	220.2	264.4	310.1
-30°	0.0	10.9	28.7	49.7	75.3	103.6	136.0	171.7	212.0	254.7	298.9
-32.5°	0.0	10.6	27.7	47.9	72.3	99.5	130.4	164.8	203.4	244.3	286.7
-35°	0.0	10.3	26.6	46.0	69.2	94.9	124.8	157.8	194.0	233.2	273.7
-37.5°	0.0	10.0	25.4	43.9	65.8	90.3	119.1	150.4	184.1	221.4	260.1
-40°	0.0	9.7	24.2	41.7	62.3	85.9	112.9	142.6	173.5	209.3	246.1
-42.5°	0.0	9.3	22.9	39.3	58.9	81.3	106.3	134.4	163.6	196.8	231.3
-45°	0.0	8.9	21.5	36.9	55.7	76.4	99.4	126.0	153.8	183.8	216.0
-47.5°	0.0	8.5	20.1	34.4	52.3	71.3	92.1	117.5	143.7	170.5	201.2
-50°	0.0	8.1	18.7	32.2	48.9	66.1	85.6	108.5	133.2	158.5	186.0
-52.5°	0.0	7.7	17.2	30.0	45.3	60.7	79.1	99.0	122.3	146.0	170.6
-55°	0.0	7.2	15.7	27.8	41.7	56.0	72.3	89.5	111.1	133.0	155.9
-57.5°	0.0	6.8	14.2	25.6	38.0	51.5	65.4	81.4	99.6	119.9	140.7
-60°	0.0	6.3	12.6	23.2	34.2	46.8	58.5	73.2	88.3	106.6	125.2
-62.5°	0.0	5.8	11.6	20.8	30.9	42.1	53.0	64.8	78.7	93.0	110.1
-65°	0.0	5.3	10.6	18.3	27.5	37.4	47.5	56.9	68.9	81.5	94.8
-67.5°	0.0	4.8	9.6	15.7	24.1	32.8	41.9	50.4	59.0	70.3	81.5
-70°	0.0	4.3	8.6	13.1	20.5	28.3	36.3	43.8	51.2	59.0	68.9
-72.5°	0.0	3.8	7.6	11.3	16.9	23.7	30.6	37.1	43.5	50.0	56.7
-75°	0.0	3.3	6.5	9.8	13.3	19.0	24.9	30.4	35.5	41.0	46.5
-77.5°	0.0	2.7	5.4	8.2	10.9	14.3	19.2	23.8	28.1	32.1	36.2
-80°	0.0	2.2	4.4	6.5	8.7	10.9	13.3	17.1	20.6	23.9	27.0
-82.5°	0.0	1.6	3.3	4.9	6.5	8.2	9.8	11.3	13.1	15.7	18.2
-85°	0.0	1.1	2.2	3.3	4.4	5.4	6.5	7.6	8.6	9.6	10.6
-87.5°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.3	4.8	5.3
-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°	5.8	6.3	6.8	7.2	7.7	8.1	8.5	8.9	9.3	9.7	10.0
85°	11.6	12.6	14.1	15.7	17.0	18.3	19.4	20.4	21.6	22.6	23.7
82.5°	20.6	23.0	25.4	27.7	29.5	31.1	32.8	35.0	37.6	40.2	42.6
80°	30.2	33.4	37.4	41.4	45.0	48.5	52.0	55.6	59.1	62.8	66.5
77.5°	41.1	46.2	51.4	56.7	61.8	67.7	73.5	79.3	84.6	89.2	93.5
75°	52.6	58.9	66.6	74.5	82.0	89.4	96.9	105.0	112.1	118.5	124.6
72.5°	65.1	74.3	83.6	93.0	103.4	113.4	123.1	132.5	141.1	149.1	157.1
70°	79.1	89.7	102.1	114.6	126.7	138.2	149.4	160.0	170.0	180.5	191.8
67.5°	93.3	107.9	122.2	136.4	150.6	163.6	175.9	189.6	203.0	216.2	228.9
65°	110.3	126.3	142.9	159.1	174.6	190.4	206.1	221.7	237.5	252.6	266.6
62.5°	127.0	145.7	164.1	182.0	200.4	218.3	236.8	255.0	272.6	290.9	308.5
60°	144.9	165.3	185.4	205.6	226.2	247.6	268.1	289.6	311.1	331.9	351.8
57.5°	162.5	184.6	206.6	229.5	253.5	277.1	301.5	325.6	350.2	373.8	394.4
55°	179.7	203.5	228.2	254.5	280.8	308.0	335.2	363.2	389.7	409.6	428.2
52.5°	196.9	222.5	250.9	279.4	308.8	339.3	370.9	397.9	420.0	436.9	441.1
50°	213.9	243.2	273.1	304.5	336.9	371.4	401.6	426.0	438.5	443.2	440.7
47.5°	231.7	263.2	295.5	329.2	365.5	398.4	426.9	439.4	445.3	438.9	430.9
45°	249.4	283.2	317.3	354.4	390.6	421.7	437.8	446.6	438.7	430.9	425.4
42.5°	266.5	302.7	340.0	378.2	411.9	433.9	444.0	438.9	432.1	426.1	428.1
40°	283.4	321.4	362.2	398.1	428.5	439.7	438.0	431.7	427.7	430.3	438.9
37.5°	299.7	341.0	382.7	417.4	433.8	438.4	430.9	426.8	429.8	439.8	458.7
35°	315.1	359.8	399.5	428.6	439.6	431.9	426.5	425.9	437.1	457.3	485.4
32.5°	330.7	377.8	415.3	433.6	435.4	426.8	422.7	432.3	450.0	476.7	523.9
30°	345.9	391.6	426.9	438.0	430.4	423.7	426.1	440.0	464.0	508.2	584.5
27.5°	359.8	404.1	430.7	436.0	426.1	420.6	431.0	451.9	486.8	545.7	654.8
25°	372.4	415.4	434.0	432.0	423.3	422.6	436.8	462.6	510.7	606.0	755.4
22.5°	382.8	425.8	437.1	428.2	420.4	426.0	445.8	481.6	546.0	662.8	860.4
20°	391.3	428.3	436.5	424.7	417.6	428.8	453.9	500.3	593.6	751.8	978.6
17.5°	399.0	430.6	433.6	422.3	419.3	433.2	462.3	516.9	635.8	828.3	1092.1
15°	405.8	432.7	430.7	420.3	421.3	439.1	475.9	548.3	686.5	900.3	1194.1
12.5°	411.7	434.4	428.1	418.7	422.9	444.0	487.5	576.9	736.5	978.4	1357.7
10°	416.6	435.8	425.6	417.3	423.9	447.9	496.9	599.5	775.0	1044.7	1494.9
7.5°	421.1	436.9	423.6	416.2	424.4	450.8	504.1	616.1	802.4	1097.9	1597.6
5°	424.5	437.7	422.4	415.7	425.9	454.0	509.3	626.8	819.1	1136.7	1666.3
2.5°	426.7	438.2	421.7	415.4	428.1	458.2	513.8	636.0	833.9	1155.9	1715.2
0°	427.8	438.3	421.5	415.3	429.9	461.4	515.9	639.7	841.0	1155.6	1744.9
-2.5°	426.7	438.2	421.7	415.4	428.1	458.2	513.8	636.0	833.9	1155.9	1715.2
-5°	424.5	437.7	422.4	415.7	425.9	454.0	509.3	626.8	819.1	1136.7	1666.3
-7.5°	421.1	436.9	423.6	416.2	424.4	450.8	504.1	616.1	802.4	1097.9	1597.6
-10°	416.6	435.8	425.6	417.3	423.9	447.9	496.9	599.5	775.0	1044.7	1494.9
-12.5°	411.7	434.4	428.1	418.7	422.9	444.0	487.5	576.9	736.5	978.4	1357.7
-15°	405.8	432.7	430.7	420.3	421.3	439.1	475.9	548.3	686.5	900.3	1194.1
-17.5°	399.0	430.6	433.6	422.3	419.3	433.2	462.3	516.9	635.8	828.3	1092.1
-20°	391.3	428.3	436.5	424.7	417.6	428.8	453.9	500.3	593.6	751.8	978.6



REPORT NUMBER: P558964 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-940-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	382.8	425.8	437.1	428.2	420.4	426.0	445.8	481.6	546.0	662.8	860.4
-25°	372.4	415.4	434.0	432.0	423.3	422.6	436.8	462.6	510.7	606.0	755.4
-27.5°	359.8	404.1	430.7	436.0	426.1	420.6	431.0	451.9	486.8	545.7	654.8
-30°	345.9	391.6	426.9	438.0	430.4	423.7	426.1	440.0	464.0	508.2	584.5
-32.5°	330.7	377.8	415.3	433.6	435.4	426.8	422.7	432.3	450.0	476.7	523.9
-35°	315.1	359.8	399.5	428.6	439.6	431.9	426.5	425.9	437.1	457.3	485.4
-37.5°	299.7	341.0	382.7	417.4	433.8	438.4	430.9	426.8	429.8	439.8	458.7
-40°	283.4	321.4	362.2	398.1	428.5	439.7	438.0	431.7	427.7	430.3	438.9
-42.5°	266.5	302.7	340.0	378.2	411.9	433.9	444.0	438.9	432.1	426.1	428.1
-45°	249.4	283.2	317.3	354.4	390.6	421.7	437.8	446.6	438.7	430.9	425.4
-47.5°	231.7	263.2	295.5	329.2	365.5	398.4	426.9	439.4	445.3	438.9	430.9
-50°	213.9	243.2	273.1	304.5	336.9	371.4	401.6	426.0	438.5	443.2	440.7
-52.5°	196.9	222.5	250.9	279.4	308.8	339.3	370.9	397.9	420.0	436.9	441.1
-55°	179.7	203.5	228.2	254.5	280.8	308.0	335.2	363.2	389.7	409.6	428.2
-57.5°	162.5	184.6	206.6	229.5	253.5	277.1	301.5	325.6	350.2	373.8	394.4
-60°	144.9	165.3	185.4	205.6	226.2	247.6	268.1	289.6	311.1	331.9	351.8
-62.5°	127.0	145.7	164.1	182.0	200.4	218.3	236.8	255.0	272.6	290.9	308.5
-65°	110.3	126.3	142.9	159.1	174.6	190.4	206.1	221.7	237.5	252.6	266.6
-67.5°	93.3	107.9	122.2	136.4	150.6	163.6	175.9	189.6	203.0	216.2	228.9
-70°	79.1	89.7	102.1	114.6	126.7	138.2	149.4	160.0	170.0	180.5	191.8
-72.5°	65.1	74.3	83.6	93.0	103.4	113.4	123.1	132.5	141.1	149.1	157.1
-75°	52.6	58.9	66.6	74.5	82.0	89.4	96.9	105.0	112.1	118.5	124.6
-77.5°	41.1	46.2	51.4	56.7	61.8	67.7	73.5	79.3	84.6	89.2	93.5
-80°	30.2	33.4	37.4	41.4	45.0	48.5	52.0	55.6	59.1	62.8	66.5
-82.5°	20.6	23.0	25.4	27.7	29.5	31.1	32.8	35.0	37.6	40.2	42.6
-85°	11.6	12.6	14.1	15.7	17.0	18.3	19.4	20.4	21.6	22.6	23.7
-87.5°	5.8	6.3	6.8	7.2	7.7	8.1	8.5	8.9	9.3	9.7	10.0
-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: P558964 (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°
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°	10.3	10.2	10.0	9.8	9.5	9.7	9.9	10.0	10.1	10.8	11.4
85°	24.7	25.8	26.9	28.1	29.3	30.1	30.8	31.5	32.0	32.5	32.9
82.5°	44.8	47.2	49.4	51.3	53.1	54.6	55.9	57.0	58.0	58.9	59.6
80°	69.9	73.0	75.8	78.3	80.4	82.3	83.9	85.2	86.2	88.3	90.3
77.5°	97.9	102.3	106.3	110.0	113.3	116.6	119.6	122.4	124.9	126.8	128.1
75°	130.3	135.8	141.3	146.4	151.1	155.8	160.5	164.7	168.6	171.1	173.0
72.5°	165.1	172.6	179.3	185.8	191.5	197.4	203.1	208.3	212.9	216.4	219.2
70°	202.4	212.0	219.9	227.2	234.4	241.8	248.8	255.1	260.4	264.8	268.3
67.5°	241.0	252.1	261.9	271.5	281.2	290.2	298.8	306.9	314.2	319.8	323.5
65°	280.5	294.7	307.7	319.6	330.2	340.4	351.2	361.1	370.1	377.4	383.1
62.5°	325.2	341.2	356.0	369.2	381.1	390.6	400.8	410.1	418.5	426.2	434.0
60°	370.8	388.7	401.7	412.9	423.2	432.3	435.8	439.3	442.1	444.6	447.7
57.5°	410.6	426.0	437.1	439.7	441.9	443.9	442.6	439.1	435.3	431.6	428.6
55°	438.4	442.7	447.6	443.8	437.7	431.9	426.9	423.4	420.1	417.2	414.7
52.5°	445.8	441.5	436.3	430.6	426.4	422.0	417.6	418.4	419.8	420.8	421.3
50°	434.9	429.9	427.1	423.9	424.5	426.7	428.4	432.6	437.7	441.4	444.5
47.5°	426.5	423.3	427.4	432.8	437.7	446.7	454.8	462.6	474.8	484.4	492.1
45°	424.2	432.1	440.4	453.4	464.9	484.7	503.3	518.9	547.9	574.5	595.3
42.5°	436.2	449.9	464.8	490.1	517.5	552.6	597.6	635.6	680.3	721.9	752.0
40°	456.0	476.2	509.7	550.5	614.4	671.1	745.8	809.6	869.6	933.1	980.9
37.5°	484.5	522.0	584.8	658.1	755.0	848.1	951.0	1050.8	1135.9	1264.6	1365.4
35°	526.8	602.8	691.9	814.3	940.9	1083.6	1234.0	1427.7	1598.3	1798.4	1986.6
32.5°	603.7	706.7	846.4	1012.0	1180.3	1426.5	1658.8	1973.5	2256.4	2609.4	2989.1
30°	693.9	847.5	1035.3	1251.5	1556.1	1894.9	2276.7	2759.5	3333.2	4016.4	4933.1
27.5°	818.1	1015.3	1251.5	1602.0	2034.2	2488.1	3165.2	3976.8	5455.8	6744.8	8453.0
25°	951.8	1192.7	1566.4	2037.3	2606.0	3423.4	4747.2	6435.9	8828.0	11115.2	12943.8
22.5°	1106.0	1457.9	1929.6	2515.7	3436.1	5018.6	7073.9	10048.0	12715.4	15022.3	16798.9
20°	1276.7	1718.1	2352.0	3247.6	4815.1	7132.8	10432.3	13484.6	16208.9	18194.8	19764.6
17.5°	1497.8	2074.4	2878.7	4114.6	6520.4	10091.8	13493.3	16510.2	18880.6	20625.4	22017.0
15°	1704.3	2402.4	3444.7	5553.4	8837.1	12654.1	16140.8	18832.0	20883.3	22506.9	23758.1
12.5°	1948.0	2770.9	4106.4	6796.4	10967.3	14768.1	18020.5	20533.5	22508.9	24030.8	25707.6
10°	2165.0	3167.2	5054.4	8452.8	12716.7	16429.5	19587.8	21846.2	23827.1	25810.4	28324.8
7.5°	2344.2	3499.9	5831.9	9850.4	14059.7	17658.4	20535.7	22792.3	24975.4	27624.3	31251.0
5°	2486.5	3750.8	6471.5	10905.5	15036.1	18535.5	21259.6	23547.0	26012.9	29556.3	34423.3
2.5°	2581.6	3915.2	6871.3	11542.9	15652.1	19038.6	21796.3	24040.6	26626.0	30637.9	35722.7
0°	2619.4	3991.0	6769.9	11658.5	15689.4	19202.3	21876.3	24225.2	26800.6	30818.9	35961.3
-2.5°	2581.6	3915.2	6871.3	11542.9	15652.1	19038.6	21796.3	24040.6	26626.0	30637.9	35722.7
-5°	2486.5	3750.8	6471.5	10905.5	15036.1	18535.5	21259.6	23547.0	26012.9	29556.3	34423.3
-7.5°	2344.2	3499.9	5831.9	9850.4	14059.7	17658.4	20535.7	22792.3	24975.4	27624.3	31251.0
-10°	2165.0	3167.2	5054.4	8452.8	12716.7	16429.5	19587.8	21846.2	23827.1	25810.4	28324.8
-12.5°	1948.0	2770.9	4106.4	6796.4	10967.3	14768.1	18020.5	20533.5	22508.9	24030.8	25707.6
-15°	1704.3	2402.4	3444.7	5553.4	8837.1	12654.1	16140.8	18832.0	20883.3	22506.9	23758.1
-17.5°	1497.8	2074.4	2878.7	4114.6	6520.4	10091.8	13493.3	16510.2	18880.6	20625.4	22017.0
-20°	1276.7	1718.1	2352.0	3247.6	4815.1	7132.8	10432.3	13484.6	16208.9	18194.8	19764.6



REPORT NUMBER: P558964 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-940-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1106.0	1457.9	1929.6	2515.7	3436.1	5018.6	7073.9	10048.0	12715.4	15022.3	16798.9
-25°	951.8	1192.7	1566.4	2037.3	2606.0	3423.4	4747.2	6435.9	8828.0	11115.2	12943.8
-27.5°	818.1	1015.3	1251.5	1602.0	2034.2	2488.1	3165.2	3976.8	5455.8	6744.8	8453.0
-30°	693.9	847.5	1035.3	1251.5	1556.1	1894.9	2276.7	2759.5	3333.2	4016.4	4933.1
-32.5°	603.7	706.7	846.4	1012.0	1180.3	1426.5	1658.8	1973.5	2256.4	2609.4	2989.1
-35°	526.8	602.8	691.9	814.3	940.9	1083.6	1234.0	1427.7	1598.3	1798.4	1986.6
-37.5°	484.5	522.0	584.8	658.1	755.0	848.1	951.0	1050.8	1135.9	1264.6	1365.4
-40°	456.0	476.2	509.7	550.5	614.4	671.1	745.8	809.6	869.6	933.1	980.9
-42.5°	436.2	449.9	464.8	490.1	517.5	552.6	597.6	635.6	680.3	721.9	752.0
-45°	424.2	432.1	440.4	453.4	464.9	484.7	503.3	518.9	547.9	574.5	595.3
-47.5°	426.5	423.3	427.4	432.8	437.7	446.7	454.8	462.6	474.8	484.4	492.1
-50°	434.9	429.9	427.1	423.9	424.5	426.7	428.4	432.6	437.7	441.4	444.5
-52.5°	445.8	441.5	436.3	430.6	426.4	422.0	417.6	418.4	419.8	420.8	421.3
-55°	438.4	442.7	447.6	443.8	437.7	431.9	426.9	423.4	420.1	417.2	414.7
-57.5°	410.6	426.0	437.1	439.7	441.9	443.9	442.6	439.1	435.3	431.6	428.6
-60°	370.8	388.7	401.7	412.9	423.2	432.3	435.8	439.3	442.1	444.6	447.7
-62.5°	325.2	341.2	356.0	369.2	381.1	390.6	400.8	410.1	418.5	426.2	434.0
-65°	280.5	294.7	307.7	319.6	330.2	340.4	351.2	361.1	370.1	377.4	383.1
-67.5°	241.0	252.1	261.9	271.5	281.2	290.2	298.8	306.9	314.2	319.8	323.5
-70°	202.4	212.0	219.9	227.2	234.4	241.8	248.8	255.1	260.4	264.8	268.3
-72.5°	165.1	172.6	179.3	185.8	191.5	197.4	203.1	208.3	212.9	216.4	219.2
-75°	130.3	135.8	141.3	146.4	151.1	155.8	160.5	164.7	168.6	171.1	173.0
-77.5°	97.9	102.3	106.3	110.0	113.3	116.6	119.6	122.4	124.9	126.8	128.1
-80°	69.9	73.0	75.8	78.3	80.4	82.3	83.9	85.2	86.2	88.3	90.3
-82.5°	44.8	47.2	49.4	51.3	53.1	54.6	55.9	57.0	58.0	58.9	59.6
-85°	24.7	25.8	26.9	28.1	29.3	30.1	30.8	31.5	32.0	32.5	32.9
-87.5°	10.3	10.2	10.0	9.8	9.5	9.7	9.9	10.0	10.1	10.8	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: P558964 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-940-U-MR-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°	12.0	12.6	12.6	12.6	12.6	12.6	12.0	11.4	10.8	10.1	10.0
85°	33.2	33.4	34.6	35.7	34.6	33.4	33.2	32.9	32.5	32.0	31.5
82.5°	60.1	60.5	60.7	60.8	60.7	60.5	60.1	59.6	58.9	58.0	57.0
80°	92.2	93.9	93.2	92.3	93.2	93.9	92.2	90.3	88.3	86.2	85.2
77.5°	128.9	129.3	128.8	127.9	128.8	129.3	128.9	128.1	126.8	124.9	122.4
75°	174.4	175.2	175.9	176.2	175.9	175.2	174.4	173.0	171.1	168.6	164.7
72.5°	221.5	223.1	223.1	222.3	223.1	223.1	221.5	219.2	216.4	212.9	208.3
70°	271.1	273.1	274.3	274.7	274.3	273.1	271.1	268.3	264.8	260.4	255.1
67.5°	326.1	327.5	328.8	329.3	328.8	327.5	326.1	323.5	319.8	314.2	306.9
65°	387.9	391.6	392.7	392.2	392.7	391.6	387.9	383.1	377.4	370.1	361.1
62.5°	441.2	447.6	450.2	450.9	450.2	447.6	441.2	434.0	426.2	418.5	410.1
60°	450.2	452.4	453.0	453.0	453.0	452.4	450.2	447.7	444.6	442.1	439.3
57.5°	425.8	423.4	421.9	421.5	421.9	423.4	425.8	428.6	431.6	435.3	439.1
55°	412.3	410.2	409.2	409.0	409.2	410.2	412.3	414.7	417.2	420.1	423.4
52.5°	421.5	421.2	422.1	423.6	422.1	421.2	421.5	421.3	420.8	419.8	418.4
50°	447.2	449.1	451.1	453.0	451.1	449.1	447.2	444.5	441.4	437.7	432.6
47.5°	497.6	500.5	502.3	503.3	502.3	500.5	497.6	492.1	484.4	474.8	462.6
45°	608.9	616.2	619.7	620.8	619.7	616.2	608.9	595.3	574.5	547.9	518.9
42.5°	772.0	782.9	787.7	788.6	787.7	782.9	772.0	752.0	721.9	680.3	635.6
40°	1015.1	1034.6	1044.0	1050.7	1044.0	1034.6	1015.1	980.9	933.1	869.6	809.6
37.5°	1440.8	1489.7	1517.5	1541.5	1517.5	1489.7	1440.8	1365.4	1264.6	1135.9	1050.8
35°	2139.6	2251.8	2317.8	2332.1	2317.8	2251.8	2139.6	1986.6	1798.4	1598.3	1427.7
32.5°	3281.3	3501.2	3632.7	3649.2	3632.7	3501.2	3281.3	2989.1	2609.4	2256.4	1973.5
30°	5644.7	6260.9	6683.2	6625.2	6683.2	6260.9	5644.7	4933.1	4016.4	3333.2	2759.5
27.5°	9852.4	10970.0	11695.9	11635.5	11695.9	10970.0	9852.4	8453.0	6744.8	5455.8	3976.8
25°	14349.6	15378.2	15985.4	16209.5	15985.4	15378.2	14349.6	12943.8	11115.2	8828.0	6435.9
22.5°	18021.9	18941.6	19466.8	19781.1	19466.8	18941.6	18021.9	16798.9	15022.3	12715.4	10048.0
20°	20835.7	21633.2	22085.0	22278.9	22085.0	21633.2	20835.7	19764.6	18194.8	16208.9	13484.6
17.5°	23000.3	23668.0	24179.5	24311.2	24179.5	23668.0	23000.3	22017.0	20625.4	18880.6	16510.2
15°	24915.1	25777.5	26380.6	26605.5	26380.6	25777.5	24915.1	23758.1	22506.9	20883.3	18832.0
12.5°	27329.5	28829.1	29626.3	29810.1	29626.3	28829.1	27329.5	25707.6	24030.8	22508.9	20533.5
10°	30898.3	33203.3	33464.5	33107.0	33464.5	33203.3	30898.3	28324.8	25810.4	23827.1	21846.2
7.5°	36095.8	39169.4	38504.7	37397.9	38504.7	39169.4	36095.8	31251.0	27624.3	24975.4	22792.3
5°	39815.3	44082.5	44215.0	43402.3	44215.0	44082.5	39815.3	34423.3	29556.3	26012.9	23547.0
2.5°	41296.0	45688.7	47875.0	48233.3	47875.0	45688.7	41296.0	35722.7	30637.9	26626.0	24040.6
0°	41406.8	46206.3	48798.5	49442.3	48798.5	46206.3	41406.8	35961.3	30818.9	26800.6	24225.2
-2.5°	41296.0	45688.7	47875.0	48233.3	47875.0	45688.7	41296.0	35722.7	30637.9	26626.0	24040.6
-5°	39815.3	44082.5	44215.0	43402.3	44215.0	44082.5	39815.3	34423.3	29556.3	26012.9	23547.0
-7.5°	36095.8	39169.4	38504.7	37397.9	38504.7	39169.4	36095.8	31251.0	27624.3	24975.4	22792.3
-10°	30898.3	33203.3	33464.5	33107.0	33464.5	33203.3	30898.3	28324.8	25810.4	23827.1	21846.2
-12.5°	27329.5	28829.1	29626.3	29810.1	29626.3	28829.1	27329.5	25707.6	24030.8	22508.9	20533.5
-15°	24915.1	25777.5	26380.6	26605.5	26380.6	25777.5	24915.1	23758.1	22506.9	20883.3	18832.0
-17.5°	23000.3	23668.0	24179.5	24311.2	24179.5	23668.0	23000.3	22017.0	20625.4	18880.6	16510.2
-20°	20835.7	21633.2	22085.0	22278.9	22085.0	21633.2	20835.7	19764.6	18194.8	16208.9	13484.6



REPORT NUMBER: P558964 (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°
-22.5°	18021.9	18941.6	19466.8	19781.1	19466.8	18941.6	18021.9	16798.9	15022.3	12715.4	10048.0
-25°	14349.6	15378.2	15985.4	16209.5	15985.4	15378.2	14349.6	12943.8	11115.2	8828.0	6435.9
-27.5°	9852.4	10970.0	11695.9	11635.5	11695.9	10970.0	9852.4	8453.0	6744.8	5455.8	3976.8
-30°	5644.7	6260.9	6683.2	6625.2	6683.2	6260.9	5644.7	4933.1	4016.4	3333.2	2759.5
-32.5°	3281.3	3501.2	3632.7	3649.2	3632.7	3501.2	3281.3	2989.1	2609.4	2256.4	1973.5
-35°	2139.6	2251.8	2317.8	2332.1	2317.8	2251.8	2139.6	1986.6	1798.4	1598.3	1427.7
-37.5°	1440.8	1489.7	1517.5	1541.5	1517.5	1489.7	1440.8	1365.4	1264.6	1135.9	1050.8
-40°	1015.1	1034.6	1044.0	1050.7	1044.0	1034.6	1015.1	980.9	933.1	869.6	809.6
-42.5°	772.0	782.9	787.7	788.6	787.7	782.9	772.0	752.0	721.9	680.3	635.6
-45°	608.9	616.2	619.7	620.8	619.7	616.2	608.9	595.3	574.5	547.9	518.9
-47.5°	497.6	500.5	502.3	503.3	502.3	500.5	497.6	492.1	484.4	474.8	462.6
-50°	447.2	449.1	451.1	453.0	451.1	449.1	447.2	444.5	441.4	437.7	432.6
-52.5°	421.5	421.2	422.1	423.6	422.1	421.2	421.5	421.3	420.8	419.8	418.4
-55°	412.3	410.2	409.2	409.0	409.2	410.2	412.3	414.7	417.2	420.1	423.4
-57.5°	425.8	423.4	421.9	421.5	421.9	423.4	425.8	428.6	431.6	435.3	439.1
-60°	450.2	452.4	453.0	453.0	453.0	452.4	450.2	447.7	444.6	442.1	439.3
-62.5°	441.2	447.6	450.2	450.9	450.2	447.6	441.2	434.0	426.2	418.5	410.1
-65°	387.9	391.6	392.7	392.2	392.7	391.6	387.9	383.1	377.4	370.1	361.1
-67.5°	326.1	327.5	328.8	329.3	328.8	327.5	326.1	323.5	319.8	314.2	306.9
-70°	271.1	273.1	274.3	274.7	274.3	273.1	271.1	268.3	264.8	260.4	255.1
-72.5°	221.5	223.1	223.1	222.3	223.1	223.1	221.5	219.2	216.4	212.9	208.3
-75°	174.4	175.2	175.9	176.2	175.9	175.2	174.4	173.0	171.1	168.6	164.7
-77.5°	128.9	129.3	128.8	127.9	128.8	129.3	128.9	128.1	126.8	124.9	122.4
-80°	92.2	93.9	93.2	92.3	93.2	93.9	92.2	90.3	88.3	86.2	85.2
-82.5°	60.1	60.5	60.7	60.8	60.7	60.5	60.1	59.6	58.9	58.0	57.0
-85°	33.2	33.4	34.6	35.7	34.6	33.4	33.2	32.9	32.5	32.0	31.5
-87.5°	12.0	12.6	12.6	12.6	12.6	12.6	12.0	11.4	10.8	10.1	10.0
-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):

	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°	9.9	9.7	9.5	9.8	10.0	10.2	10.3	10.0	9.7	9.3	8.9
85°	30.8	30.1	29.3	28.1	26.9	25.8	24.7	23.7	22.6	21.6	20.4
82.5°	55.9	54.6	53.1	51.3	49.4	47.2	44.8	42.6	40.2	37.6	35.0
80°	83.9	82.3	80.4	78.3	75.8	73.0	69.9	66.5	62.8	59.1	55.6
77.5°	119.6	116.6	113.3	110.0	106.3	102.3	97.9	93.5	89.2	84.6	79.3
75°	160.5	155.8	151.1	146.4	141.3	135.8	130.3	124.6	118.5	112.1	105.0
72.5°	203.1	197.4	191.5	185.8	179.3	172.6	165.1	157.1	149.1	141.1	132.5
70°	248.8	241.8	234.4	227.2	219.9	212.0	202.4	191.8	180.5	170.0	160.0
67.5°	298.8	290.2	281.2	271.5	261.9	252.1	241.0	228.9	216.2	203.0	189.6
65°	351.2	340.4	330.2	319.6	307.7	294.7	280.5	266.6	252.6	237.5	221.7
62.5°	400.8	390.6	381.1	369.2	356.0	341.2	325.2	308.5	290.9	272.6	255.0
60°	435.8	432.3	423.2	412.9	401.7	388.7	370.8	351.8	331.9	311.1	289.6
57.5°	442.6	443.9	441.9	439.7	437.1	426.0	410.6	394.4	373.8	350.2	325.6
55°	426.9	431.9	437.7	443.8	447.6	442.7	438.4	428.2	409.6	389.7	363.2
52.5°	417.6	422.0	426.4	430.6	436.3	441.5	445.8	441.1	436.9	420.0	397.9
50°	428.4	426.7	424.5	423.9	427.1	429.9	434.9	440.7	443.2	438.5	426.0
47.5°	454.8	446.7	437.7	432.8	427.4	423.3	426.5	430.9	438.9	445.3	439.4
45°	503.3	484.7	464.9	453.4	440.4	432.1	424.2	425.4	430.9	438.7	446.6
42.5°	597.6	552.6	517.5	490.1	464.8	449.9	436.2	428.1	426.1	432.1	438.9
40°	745.8	671.1	614.4	550.5	509.7	476.2	456.0	438.9	430.3	427.7	431.7
37.5°	951.0	848.1	755.0	658.1	584.8	522.0	484.5	458.7	439.8	429.8	426.8
35°	1234.0	1083.6	940.9	814.3	691.9	602.8	526.8	485.4	457.3	437.1	425.9
32.5°	1658.8	1426.5	1180.3	1012.0	846.4	706.7	603.7	523.9	476.7	450.0	432.3
30°	2276.7	1894.9	1556.1	1251.5	1035.3	847.5	693.9	584.5	508.2	464.0	440.0
27.5°	3165.2	2488.1	2034.2	1602.0	1251.5	1015.3	818.1	654.8	545.7	486.8	451.9
25°	4747.2	3423.4	2606.0	2037.3	1566.4	1192.7	951.8	755.4	606.0	510.7	462.6
22.5°	7073.9	5018.6	3436.1	2515.7	1929.6	1457.9	1106.0	860.4	662.8	546.0	481.6
20°	10432.3	7132.8	4815.1	3247.6	2352.0	1718.1	1276.7	978.6	751.8	593.6	500.3
17.5°	13493.3	10091.8	6520.4	4114.6	2878.7	2074.4	1497.8	1092.1	828.3	635.8	516.9
15°	16140.8	12654.1	8837.1	5553.4	3444.7	2402.4	1704.3	1194.1	900.3	686.5	548.3
12.5°	18020.5	14768.1	10967.3	6796.4	4106.4	2770.9	1948.0	1357.7	978.4	736.5	576.9
10°	19587.8	16429.5	12716.7	8452.8	5054.4	3167.2	2165.0	1494.9	1044.7	775.0	599.5
7.5°	20535.7	17658.4	14059.7	9850.4	5831.9	3499.9	2344.2	1597.6	1097.9	802.4	616.1
5°	21259.6	18535.5	15036.1	10905.5	6471.5	3750.8	2486.5	1666.3	1136.7	819.1	626.8
2.5°	21796.3	19038.6	15652.1	11542.9	6871.3	3915.2	2581.6	1715.2	1155.9	833.9	636.0
0°	21876.3	19202.3	15689.4	11658.5	6769.9	3991.0	2619.4	1744.9	1155.6	841.0	639.7
-2.5°	21796.3	19038.6	15652.1	11542.9	6871.3	3915.2	2581.6	1715.2	1155.9	833.9	636.0
-5°	21259.6	18535.5	15036.1	10905.5	6471.5	3750.8	2486.5	1666.3	1136.7	819.1	626.8
-7.5°	20535.7	17658.4	14059.7	9850.4	5831.9	3499.9	2344.2	1597.6	1097.9	802.4	616.1
-10°	19587.8	16429.5	12716.7	8452.8	5054.4	3167.2	2165.0	1494.9	1044.7	775.0	599.5
-12.5°	18020.5	14768.1	10967.3	6796.4	4106.4	2770.9	1948.0	1357.7	978.4	736.5	576.9
-15°	16140.8	12654.1	8837.1	5553.4	3444.7	2402.4	1704.3	1194.1	900.3	686.5	548.3
-17.5°	13493.3	10091.8	6520.4	4114.6	2878.7	2074.4	1497.8	1092.1	828.3	635.8	516.9
-20°	10432.3	7132.8	4815.1	3247.6	2352.0	1718.1	1276.7	978.6	751.8	593.6	500.3



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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°	7073.9	5018.6	3436.1	2515.7	1929.6	1457.9	1106.0	860.4	662.8	546.0	481.6
-25°	4747.2	3423.4	2606.0	2037.3	1566.4	1192.7	951.8	755.4	606.0	510.7	462.6
-27.5°	3165.2	2488.1	2034.2	1602.0	1251.5	1015.3	818.1	654.8	545.7	486.8	451.9
-30°	2276.7	1894.9	1556.1	1251.5	1035.3	847.5	693.9	584.5	508.2	464.0	440.0
-32.5°	1658.8	1426.5	1180.3	1012.0	846.4	706.7	603.7	523.9	476.7	450.0	432.3
-35°	1234.0	1083.6	940.9	814.3	691.9	602.8	526.8	485.4	457.3	437.1	425.9
-37.5°	951.0	848.1	755.0	658.1	584.8	522.0	484.5	458.7	439.8	429.8	426.8
-40°	745.8	671.1	614.4	550.5	509.7	476.2	456.0	438.9	430.3	427.7	431.7
-42.5°	597.6	552.6	517.5	490.1	464.8	449.9	436.2	428.1	426.1	432.1	438.9
-45°	503.3	484.7	464.9	453.4	440.4	432.1	424.2	425.4	430.9	438.7	446.6
-47.5°	454.8	446.7	437.7	432.8	427.4	423.3	426.5	430.9	438.9	445.3	439.4
-50°	428.4	426.7	424.5	423.9	427.1	429.9	434.9	440.7	443.2	438.5	426.0
-52.5°	417.6	422.0	426.4	430.6	436.3	441.5	445.8	441.1	436.9	420.0	397.9
-55°	426.9	431.9	437.7	443.8	447.6	442.7	438.4	428.2	409.6	389.7	363.2
-57.5°	442.6	443.9	441.9	439.7	437.1	426.0	410.6	394.4	373.8	350.2	325.6
-60°	435.8	432.3	423.2	412.9	401.7	388.7	370.8	351.8	331.9	311.1	289.6
-62.5°	400.8	390.6	381.1	369.2	356.0	341.2	325.2	308.5	290.9	272.6	255.0
-65°	351.2	340.4	330.2	319.6	307.7	294.7	280.5	266.6	252.6	237.5	221.7
-67.5°	298.8	290.2	281.2	271.5	261.9	252.1	241.0	228.9	216.2	203.0	189.6
-70°	248.8	241.8	234.4	227.2	219.9	212.0	202.4	191.8	180.5	170.0	160.0
-72.5°	203.1	197.4	191.5	185.8	179.3	172.6	165.1	157.1	149.1	141.1	132.5
-75°	160.5	155.8	151.1	146.4	141.3	135.8	130.3	124.6	118.5	112.1	105.0
-77.5°	119.6	116.6	113.3	110.0	106.3	102.3	97.9	93.5	89.2	84.6	79.3
-80°	83.9	82.3	80.4	78.3	75.8	73.0	69.9	66.5	62.8	59.1	55.6
-82.5°	55.9	54.6	53.1	51.3	49.4	47.2	44.8	42.6	40.2	37.6	35.0
-85°	30.8	30.1	29.3	28.1	26.9	25.8	24.7	23.7	22.6	21.6	20.4
-87.5°	9.9	9.7	9.5	9.8	10.0	10.2	10.3	10.0	9.7	9.3	8.9
-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: P558964 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	8.5	8.1	7.7	7.2	6.8	6.3	5.8	5.3	4.8	4.3	3.8
85°	19.4	18.3	17.0	15.7	14.1	12.6	11.6	10.6	9.6	8.6	7.6
82.5°	32.8	31.1	29.5	27.7	25.4	23.0	20.6	18.2	15.7	13.1	11.3
80°	52.0	48.5	45.0	41.4	37.4	33.4	30.2	27.0	23.9	20.6	17.1
77.5°	73.5	67.7	61.8	56.7	51.4	46.2	41.1	36.2	32.1	28.1	23.8
75°	96.9	89.4	82.0	74.5	66.6	58.9	52.6	46.5	41.0	35.5	30.4
72.5°	123.1	113.4	103.4	93.0	83.6	74.3	65.1	56.7	50.0	43.5	37.1
70°	149.4	138.2	126.7	114.6	102.1	89.7	79.1	68.9	59.0	51.2	43.8
67.5°	175.9	163.6	150.6	136.4	122.2	107.9	93.3	81.5	70.3	59.0	50.4
65°	206.1	190.4	174.6	159.1	142.9	126.3	110.3	94.8	81.5	68.9	56.9
62.5°	236.8	218.3	200.4	182.0	164.1	145.7	127.0	110.1	93.0	78.7	64.8
60°	268.1	247.6	226.2	205.6	185.4	165.3	144.9	125.2	106.6	88.3	73.2
57.5°	301.5	277.1	253.5	229.5	206.6	184.6	162.5	140.7	119.9	99.6	81.4
55°	335.2	308.0	280.8	254.5	228.2	203.5	179.7	155.9	133.0	111.1	89.5
52.5°	370.9	339.3	308.8	279.4	250.9	222.5	196.9	170.6	146.0	122.3	99.0
50°	401.6	371.4	336.9	304.5	273.1	243.2	213.9	186.0	158.5	133.2	108.5
47.5°	426.9	398.4	365.5	329.2	295.5	263.2	231.7	201.2	170.5	143.7	117.5
45°	437.8	421.7	390.6	354.4	317.3	283.2	249.4	216.0	183.8	153.8	126.0
42.5°	444.0	433.9	411.9	378.2	340.0	302.7	266.5	231.3	196.8	163.6	134.4
40°	438.0	439.7	428.5	398.1	362.2	321.4	283.4	246.1	209.3	173.5	142.6
37.5°	430.9	438.4	433.8	417.4	382.7	341.0	299.7	260.1	221.4	184.1	150.4
35°	426.5	431.9	439.6	428.6	399.5	359.8	315.1	273.7	233.2	194.0	157.8
32.5°	422.7	426.8	435.4	433.6	415.3	377.8	330.7	286.7	244.3	203.4	164.8
30°	426.1	423.7	430.4	438.0	426.9	391.6	345.9	298.9	254.7	212.0	171.7
27.5°	431.0	420.6	426.1	436.0	430.7	404.1	359.8	310.1	264.4	220.2	178.7
25°	436.8	422.6	423.3	432.0	434.0	415.4	372.4	320.6	273.5	228.0	185.1
22.5°	445.8	426.0	420.4	428.2	437.1	425.8	382.8	331.0	281.9	235.1	190.9
20°	453.9	428.8	417.6	424.7	436.5	428.3	391.3	340.3	289.5	241.5	196.1
17.5°	462.3	433.2	419.3	422.3	433.6	430.6	399.0	348.5	296.3	247.2	200.7
15°	475.9	439.1	421.3	420.3	430.7	432.7	405.8	355.5	302.1	252.1	204.7
12.5°	487.5	444.0	422.9	418.7	428.1	434.4	411.7	361.4	307.0	256.2	208.1
10°	496.9	447.9	423.9	417.3	425.6	435.8	416.6	366.6	311.5	259.4	210.9
7.5°	504.1	450.8	424.4	416.2	423.6	436.9	421.1	372.0	315.2	261.9	213.2
5°	509.3	454.0	425.9	415.7	422.4	437.7	424.5	376.4	318.0	263.5	214.7
2.5°	513.8	458.2	428.1	415.4	421.7	438.2	426.7	379.6	320.0	264.3	215.7
0°	515.9	461.4	429.9	415.3	421.5	438.3	427.8	381.7	320.9	264.3	216.0
-2.5°	513.8	458.2	428.1	415.4	421.7	438.2	426.7	379.6	320.0	264.3	215.7
-5°	509.3	454.0	425.9	415.7	422.4	437.7	424.5	376.4	318.0	263.5	214.7
-7.5°	504.1	450.8	424.4	416.2	423.6	436.9	421.1	372.0	315.2	261.9	213.2
-10°	496.9	447.9	423.9	417.3	425.6	435.8	416.6	366.6	311.5	259.4	210.9
-12.5°	487.5	444.0	422.9	418.7	428.1	434.4	411.7	361.4	307.0	256.2	208.1
-15°	475.9	439.1	421.3	420.3	430.7	432.7	405.8	355.5	302.1	252.1	204.7
-17.5°	462.3	433.2	419.3	422.3	433.6	430.6	399.0	348.5	296.3	247.2	200.7
-20°	453.9	428.8	417.6	424.7	436.5	428.3	391.3	340.3	289.5	241.5	196.1



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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°	445.8	426.0	420.4	428.2	437.1	425.8	382.8	331.0	281.9	235.1	190.9
-25°	436.8	422.6	423.3	432.0	434.0	415.4	372.4	320.6	273.5	228.0	185.1
-27.5°	431.0	420.6	426.1	436.0	430.7	404.1	359.8	310.1	264.4	220.2	178.7
-30°	426.1	423.7	430.4	438.0	426.9	391.6	345.9	298.9	254.7	212.0	171.7
-32.5°	422.7	426.8	435.4	433.6	415.3	377.8	330.7	286.7	244.3	203.4	164.8
-35°	426.5	431.9	439.6	428.6	399.5	359.8	315.1	273.7	233.2	194.0	157.8
-37.5°	430.9	438.4	433.8	417.4	382.7	341.0	299.7	260.1	221.4	184.1	150.4
-40°	438.0	439.7	428.5	398.1	362.2	321.4	283.4	246.1	209.3	173.5	142.6
-42.5°	444.0	433.9	411.9	378.2	340.0	302.7	266.5	231.3	196.8	163.6	134.4
-45°	437.8	421.7	390.6	354.4	317.3	283.2	249.4	216.0	183.8	153.8	126.0
-47.5°	426.9	398.4	365.5	329.2	295.5	263.2	231.7	201.2	170.5	143.7	117.5
-50°	401.6	371.4	336.9	304.5	273.1	243.2	213.9	186.0	158.5	133.2	108.5
-52.5°	370.9	339.3	308.8	279.4	250.9	222.5	196.9	170.6	146.0	122.3	99.0
-55°	335.2	308.0	280.8	254.5	228.2	203.5	179.7	155.9	133.0	111.1	89.5
-57.5°	301.5	277.1	253.5	229.5	206.6	184.6	162.5	140.7	119.9	99.6	81.4
-60°	268.1	247.6	226.2	205.6	185.4	165.3	144.9	125.2	106.6	88.3	73.2
-62.5°	236.8	218.3	200.4	182.0	164.1	145.7	127.0	110.1	93.0	78.7	64.8
-65°	206.1	190.4	174.6	159.1	142.9	126.3	110.3	94.8	81.5	68.9	56.9
-67.5°	175.9	163.6	150.6	136.4	122.2	107.9	93.3	81.5	70.3	59.0	50.4
-70°	149.4	138.2	126.7	114.6	102.1	89.7	79.1	68.9	59.0	51.2	43.8
-72.5°	123.1	113.4	103.4	93.0	83.6	74.3	65.1	56.7	50.0	43.5	37.1
-75°	96.9	89.4	82.0	74.5	66.6	58.9	52.6	46.5	41.0	35.5	30.4
-77.5°	73.5	67.7	61.8	56.7	51.4	46.2	41.1	36.2	32.1	28.1	23.8
-80°	52.0	48.5	45.0	41.4	37.4	33.4	30.2	27.0	23.9	20.6	17.1
-82.5°	32.8	31.1	29.5	27.7	25.4	23.0	20.6	18.2	15.7	13.1	11.3
-85°	19.4	18.3	17.0	15.7	14.1	12.6	11.6	10.6	9.6	8.6	7.6
-87.5°	8.5	8.1	7.7	7.2	6.8	6.3	5.8	5.3	4.8	4.3	3.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	3.3	2.7	2.2	1.6	1.1	0.5	0.0
85°	6.5	5.4	4.4	3.3	2.2	1.1	0.0
82.5°	9.8	8.2	6.5	4.9	3.3	1.6	0.0
80°	13.3	10.9	8.7	6.5	4.4	2.2	0.0
77.5°	19.2	14.3	10.9	8.2	5.4	2.7	0.0
75°	24.9	19.0	13.3	9.8	6.5	3.3	0.0
72.5°	30.6	23.7	16.9	11.3	7.6	3.8	0.0
70°	36.3	28.3	20.5	13.1	8.6	4.3	0.0
67.5°	41.9	32.8	24.1	15.7	9.6	4.8	0.0
65°	47.5	37.4	27.5	18.3	10.6	5.3	0.0
62.5°	53.0	42.1	30.9	20.8	11.6	5.8	0.0
60°	58.5	46.8	34.2	23.2	12.6	6.3	0.0
57.5°	65.4	51.5	38.0	25.6	14.2	6.8	0.0
55°	72.3	56.0	41.7	27.8	15.7	7.2	0.0
52.5°	79.1	60.7	45.3	30.0	17.2	7.7	0.0
50°	85.6	66.1	48.9	32.2	18.7	8.1	0.0
47.5°	92.1	71.3	52.3	34.4	20.1	8.5	0.0
45°	99.4	76.4	55.7	36.9	21.5	8.9	0.0
42.5°	106.3	81.3	58.9	39.3	22.9	9.3	0.0
40°	112.9	85.9	62.3	41.7	24.2	9.7	0.0
37.5°	119.1	90.3	65.8	43.9	25.4	10.0	0.0
35°	124.8	94.9	69.2	46.0	26.6	10.3	0.0
32.5°	130.4	99.5	72.3	47.9	27.7	10.6	0.0
30°	136.0	103.6	75.3	49.7	28.7	10.9	0.0
27.5°	141.2	107.5	77.8	51.3	29.7	11.2	0.0
25°	146.0	111.0	80.1	52.8	30.6	11.4	0.0
22.5°	150.4	114.1	82.1	54.1	31.5	11.6	0.0
20°	154.4	116.7	84.0	55.2	32.3	11.8	0.0
17.5°	157.9	119.0	85.6	56.2	33.0	12.0	0.0
15°	161.0	121.0	87.0	57.0	33.6	12.2	0.0
12.5°	163.7	122.7	88.1	57.6	34.2	12.3	0.0
10°	165.9	124.0	89.0	58.1	34.6	12.4	0.0
7.5°	167.6	124.9	89.7	58.5	35.0	12.5	0.0
5°	168.9	125.6	90.1	58.7	35.3	12.6	0.0
2.5°	169.6	125.9	90.3	58.8	35.6	12.6	0.0
0°	169.9	125.8	90.2	58.7	35.7	12.6	0.0
-2.5°	169.6	125.9	90.3	58.8	35.6	12.6	0.0
-5°	168.9	125.6	90.1	58.7	35.3	12.6	0.0
-7.5°	167.6	124.9	89.7	58.5	35.0	12.5	0.0
-10°	165.9	124.0	89.0	58.1	34.6	12.4	0.0
-12.5°	163.7	122.7	88.1	57.6	34.2	12.3	0.0
-15°	161.0	121.0	87.0	57.0	33.6	12.2	0.0
-17.5°	157.9	119.0	85.6	56.2	33.0	12.0	0.0
-20°	154.4	116.7	84.0	55.2	32.3	11.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	150.4	114.1	82.1	54.1	31.5	11.6	0.0
-25°	146.0	111.0	80.1	52.8	30.6	11.4	0.0
-27.5°	141.2	107.5	77.8	51.3	29.7	11.2	0.0
-30°	136.0	103.6	75.3	49.7	28.7	10.9	0.0
-32.5°	130.4	99.5	72.3	47.9	27.7	10.6	0.0
-35°	124.8	94.9	69.2	46.0	26.6	10.3	0.0
-37.5°	119.1	90.3	65.8	43.9	25.4	10.0	0.0
-40°	112.9	85.9	62.3	41.7	24.2	9.7	0.0
-42.5°	106.3	81.3	58.9	39.3	22.9	9.3	0.0
-45°	99.4	76.4	55.7	36.9	21.5	8.9	0.0
-47.5°	92.1	71.3	52.3	34.4	20.1	8.5	0.0
-50°	85.6	66.1	48.9	32.2	18.7	8.1	0.0
-52.5°	79.1	60.7	45.3	30.0	17.2	7.7	0.0
-55°	72.3	56.0	41.7	27.8	15.7	7.2	0.0
-57.5°	65.4	51.5	38.0	25.6	14.2	6.8	0.0
-60°	58.5	46.8	34.2	23.2	12.6	6.3	0.0
-62.5°	53.0	42.1	30.9	20.8	11.6	5.8	0.0
-65°	47.5	37.4	27.5	18.3	10.6	5.3	0.0
-67.5°	41.9	32.8	24.1	15.7	9.6	4.8	0.0
-70°	36.3	28.3	20.5	13.1	8.6	4.3	0.0
-72.5°	30.6	23.7	16.9	11.3	7.6	3.8	0.0
-75°	24.9	19.0	13.3	9.8	6.5	3.3	0.0
-77.5°	19.2	14.3	10.9	8.2	5.4	2.7	0.0
-80°	13.3	10.9	8.7	6.5	4.4	2.2	0.0
-82.5°	9.8	8.2	6.5	4.9	3.3	1.6	0.0
-85°	6.5	5.4	4.4	3.3	2.2	1.1	0.0
-87.5°	3.3	2.7	2.2	1.6	1.1	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)