

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: P558820 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-930-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558820 (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-SA3D-930-U-MR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (48) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

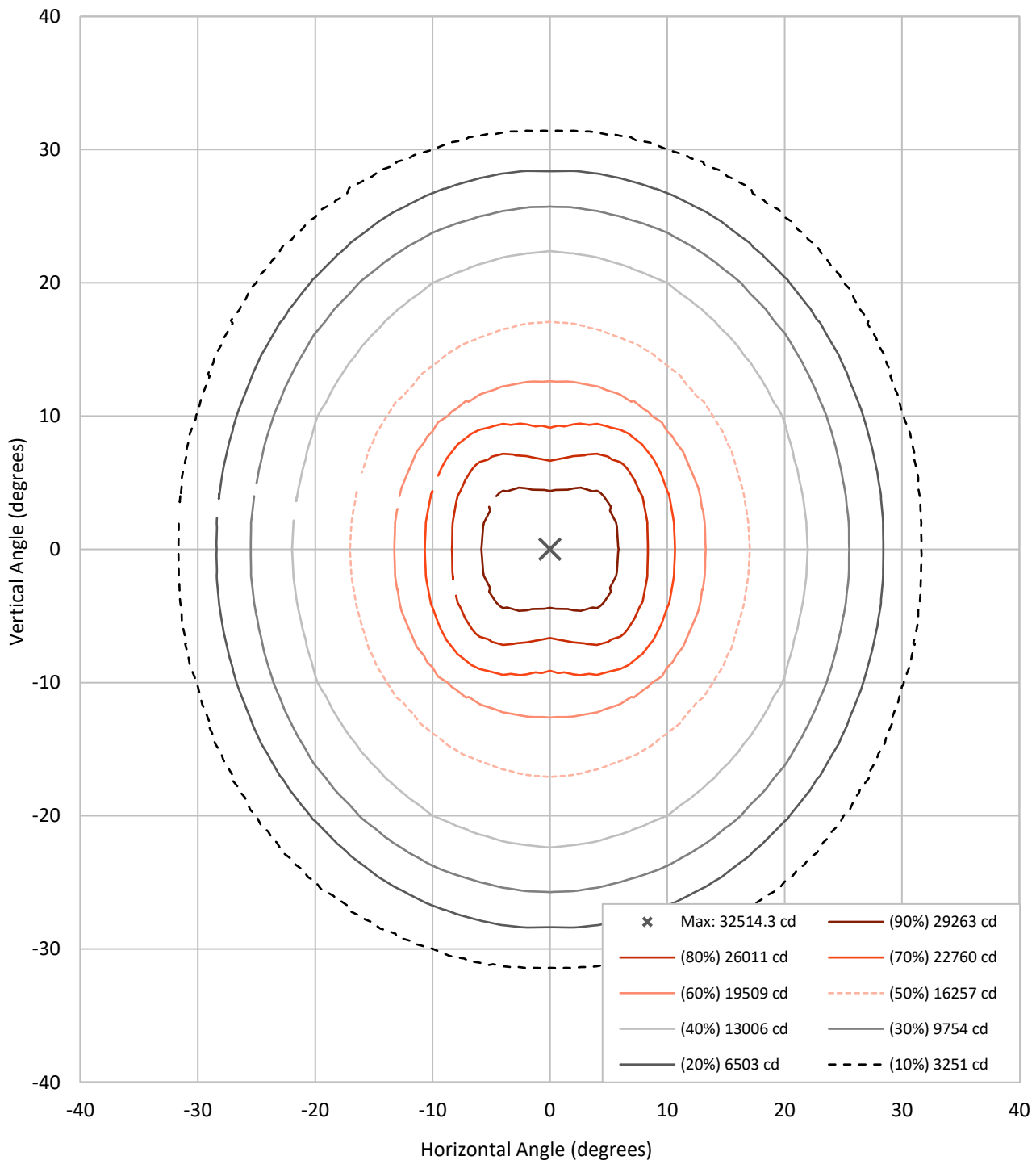
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	14383.4 lumens	Max Intensity:	32514.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	91.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	6126.4 lumens	Field Lumens:	12521.2 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 158
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





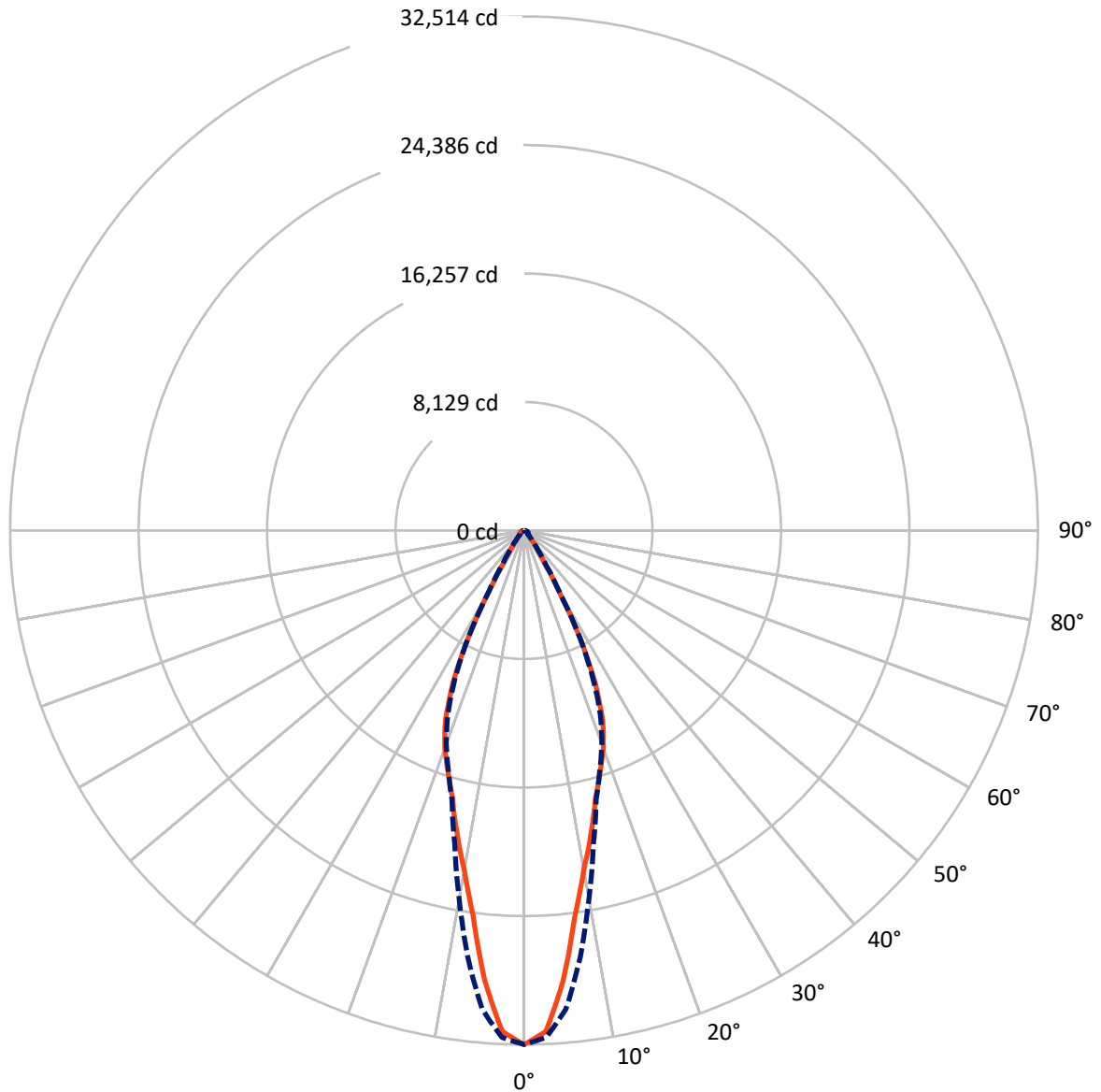
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Lumen Table

90																			
80	0.2	1.6		4.5		7.3		8.6		7.3		4.5		1.6	0.2				
70																			
60	0.7	0.8	1.8	3.2	4.6	6.0	7.0	7.6	7.6	7.0	6.0	4.6	3.2	1.8	0.8	0.7			
50		1.3	3.0	5.1	6.9	7.8	8.3	8.5	8.5	8.3	7.8	6.9	5.1	3.0	1.3				
40	1.4	1.9	4.1	6.1	7.2	8.9	11.4	13.1	13.1	11.4	8.9	7.2	6.1	4.1	1.9	1.4			
30		2.4	4.8	6.2	9.3	18.3	34.9	53.3	53.3	34.9	18.3	9.3	6.2	4.8	2.4				
20	1.9	2.8	4.9	6.9	16.9	55.9	176.0	289.7	289.7	176.0	55.9	16.9	6.9	4.9	2.8	1.9			
10		3.0	4.9	8.5	31.4	165.9	392.0	519.2	519.2	392.0	165.9	31.4	8.5	4.9	3.0				
0	2.0	3.1	4.9	9.8	47.8	261.3	509.8	804.5	804.5	509.8	261.3	47.8	9.8	4.9	3.1	2.0			
-10		3.1	4.9	9.8	47.8	261.3	509.8	804.5	804.5	509.8	261.3	47.8	9.8	4.9	3.1				
-20	1.9	3.0	4.9	8.5	31.4	165.9	392.0	519.2	519.2	392.0	165.9	31.4	8.5	4.9	3.0	1.9			
-30		2.8	4.9	6.9	16.9	55.9	176.0	289.7	289.7	176.0	55.9	16.9	6.9	4.9	2.8				
-40	1.4	2.4	4.8	6.2	9.3	18.3	34.9	53.3	53.3	34.9	18.3	9.3	6.2	4.8	2.4	1.4			
-50		1.9	4.1	6.1	7.2	8.9	11.4	13.1	13.1	11.4	8.9	7.2	6.1	4.1	1.9				
-60	0.7	1.3	3.0	5.1	6.9	7.8	8.3	8.5	8.5	8.3	7.8	6.9	5.1	3.0	1.3	0.7			
-70		0.8	1.8	3.2	4.6	6.0	7.0	7.6	7.6	7.0	6.0	4.6	3.2	1.8	0.8				
-80																			
-90	0.2	1.6		4.5		7.3		8.6		7.3		4.5		1.6	0.2				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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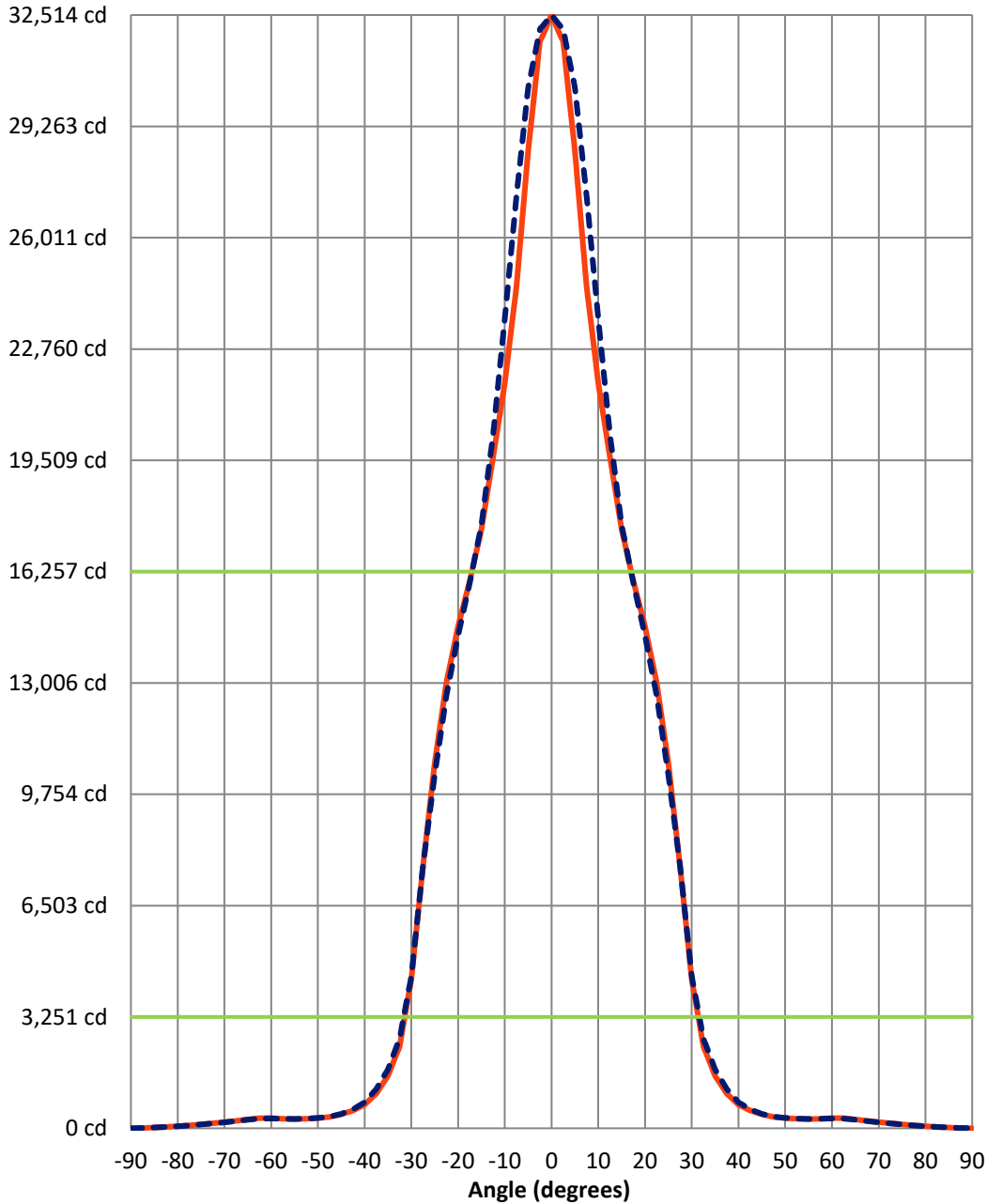
Luminous Intensity Polar Plot



— 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: 6126.4
 Efficiency: 42.6%

Field:
 H Angle: 63.3°
 V Angle: 62.8°
 Lumens: 12521.2
 Efficiency: 87.1%

Spill:
 Lumens: 1862.3
 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	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.2	3.5
85°	0.0	0.7	1.4	2.2	2.9	3.6	4.3	5.0	5.7	6.3	7.0
82.5°	0.0	1.1	2.2	3.2	4.3	5.4	6.4	7.5	8.6	10.4	12.0
80°	0.0	1.4	2.9	4.3	5.7	7.2	8.8	11.2	13.5	15.7	17.8
77.5°	0.0	1.8	3.6	5.4	7.2	9.4	12.6	15.6	18.4	21.1	23.8
75°	0.0	2.1	4.3	6.4	8.7	12.5	16.4	20.0	23.3	26.9	30.6
72.5°	0.0	2.5	5.0	7.5	11.1	15.5	20.1	24.3	28.5	32.9	37.3
70°	0.0	2.8	5.7	8.6	13.5	18.5	23.8	28.8	33.7	38.8	45.3
67.5°	0.0	3.2	6.3	10.3	15.8	21.5	27.5	33.1	38.8	46.2	53.6
65°	0.0	3.5	7.0	12.0	18.1	24.5	31.2	37.4	45.3	53.6	62.3
62.5°	0.0	3.8	7.7	13.7	20.3	27.7	34.8	42.6	51.7	61.2	72.4
60°	0.0	4.1	8.3	15.3	22.5	30.8	38.5	48.1	58.0	70.1	82.3
57.5°	0.0	4.5	9.3	16.8	24.9	33.8	43.0	53.5	65.5	78.9	92.5
55°	0.0	4.8	10.4	18.3	27.4	36.8	47.6	58.8	73.1	87.5	102.5
52.5°	0.0	5.1	11.3	19.8	29.8	39.9	52.0	65.1	80.4	96.0	112.2
50°	0.0	5.3	12.3	21.2	32.1	43.5	56.3	71.3	87.6	104.2	122.3
47.5°	0.0	5.6	13.3	22.6	34.4	46.9	60.5	77.2	94.5	112.1	132.3
45°	0.0	5.9	14.2	24.2	36.6	50.2	65.4	82.9	101.1	120.8	142.0
42.5°	0.0	6.1	15.0	25.8	38.7	53.4	69.9	88.4	107.5	129.4	152.1
40°	0.0	6.4	15.9	27.4	41.0	56.5	74.2	93.7	114.1	137.6	161.8
37.5°	0.0	6.6	16.7	28.9	43.3	59.4	78.3	98.9	121.0	145.6	171.1
35°	0.0	6.8	17.5	30.3	45.5	62.4	82.1	103.7	127.6	153.4	180.0
32.5°	0.0	7.0	18.2	31.5	47.6	65.4	85.7	108.4	133.7	160.7	188.5
30°	0.0	7.2	18.9	32.7	49.5	68.2	89.4	112.9	139.4	167.5	196.5
27.5°	0.0	7.4	19.5	33.8	51.2	70.7	92.8	117.5	144.8	173.9	203.9
25°	0.0	7.5	20.1	34.7	52.7	73.0	96.0	121.7	150.0	179.9	210.8
22.5°	0.0	7.7	20.7	35.6	54.0	75.0	98.9	125.5	154.7	185.4	217.6
20°	0.0	7.8	21.2	36.3	55.2	76.8	101.5	129.0	158.9	190.4	223.8
17.5°	0.0	7.9	21.6	36.9	56.3	78.3	103.8	132.0	162.6	194.8	229.2
15°	0.0	8.0	22.1	37.5	57.2	79.6	105.9	134.6	165.9	198.7	233.8
12.5°	0.0	8.1	22.4	37.9	57.9	80.7	107.6	136.9	168.6	201.9	237.7
10°	0.0	8.2	22.7	38.2	58.5	81.6	109.1	138.8	170.7	204.8	241.1
7.5°	0.0	8.2	23.0	38.5	59.0	82.2	110.2	140.2	172.2	207.3	244.7
5°	0.0	8.3	23.2	38.6	59.2	82.6	111.0	141.3	173.3	209.1	247.5
2.5°	0.0	8.3	23.3	38.6	59.3	82.8	111.5	141.9	173.8	210.4	249.6
0°	0.0	8.3	23.4	38.6	59.3	82.8	111.7	142.1	173.8	211.0	251.0
-2.5°	0.0	8.3	23.3	38.6	59.3	82.8	111.5	141.9	173.8	210.4	249.6
-5°	0.0	8.3	23.2	38.6	59.2	82.6	111.0	141.3	173.3	209.1	247.5
-7.5°	0.0	8.2	23.0	38.5	59.0	82.2	110.2	140.2	172.2	207.3	244.7
-10°	0.0	8.2	22.7	38.2	58.5	81.6	109.1	138.8	170.7	204.8	241.1
-12.5°	0.0	8.1	22.4	37.9	57.9	80.7	107.6	136.9	168.6	201.9	237.7
-15°	0.0	8.0	22.1	37.5	57.2	79.6	105.9	134.6	165.9	198.7	233.8
-17.5°	0.0	7.9	21.6	36.9	56.3	78.3	103.8	132.0	162.6	194.8	229.2
-20°	0.0	7.8	21.2	36.3	55.2	76.8	101.5	129.0	158.9	190.4	223.8



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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	7.7	20.7	35.6	54.0	75.0	98.9	125.5	154.7	185.4	217.6
-25°	0.0	7.5	20.1	34.7	52.7	73.0	96.0	121.7	150.0	179.9	210.8
-27.5°	0.0	7.4	19.5	33.8	51.2	70.7	92.8	117.5	144.8	173.9	203.9
-30°	0.0	7.2	18.9	32.7	49.5	68.2	89.4	112.9	139.4	167.5	196.5
-32.5°	0.0	7.0	18.2	31.5	47.6	65.4	85.7	108.4	133.7	160.7	188.5
-35°	0.0	6.8	17.5	30.3	45.5	62.4	82.1	103.7	127.6	153.4	180.0
-37.5°	0.0	6.6	16.7	28.9	43.3	59.4	78.3	98.9	121.0	145.6	171.1
-40°	0.0	6.4	15.9	27.4	41.0	56.5	74.2	93.7	114.1	137.6	161.8
-42.5°	0.0	6.1	15.0	25.8	38.7	53.4	69.9	88.4	107.5	129.4	152.1
-45°	0.0	5.9	14.2	24.2	36.6	50.2	65.4	82.9	101.1	120.8	142.0
-47.5°	0.0	5.6	13.3	22.6	34.4	46.9	60.5	77.2	94.5	112.1	132.3
-50°	0.0	5.3	12.3	21.2	32.1	43.5	56.3	71.3	87.6	104.2	122.3
-52.5°	0.0	5.1	11.3	19.8	29.8	39.9	52.0	65.1	80.4	96.0	112.2
-55°	0.0	4.8	10.4	18.3	27.4	36.8	47.6	58.8	73.1	87.5	102.5
-57.5°	0.0	4.5	9.3	16.8	24.9	33.8	43.0	53.5	65.5	78.9	92.5
-60°	0.0	4.1	8.3	15.3	22.5	30.8	38.5	48.1	58.0	70.1	82.3
-62.5°	0.0	3.8	7.7	13.7	20.3	27.7	34.8	42.6	51.7	61.2	72.4
-65°	0.0	3.5	7.0	12.0	18.1	24.5	31.2	37.4	45.3	53.6	62.3
-67.5°	0.0	3.2	6.3	10.3	15.8	21.5	27.5	33.1	38.8	46.2	53.6
-70°	0.0	2.8	5.7	8.6	13.5	18.5	23.8	28.8	33.7	38.8	45.3
-72.5°	0.0	2.5	5.0	7.5	11.1	15.5	20.1	24.3	28.5	32.9	37.3
-75°	0.0	2.1	4.3	6.4	8.7	12.5	16.4	20.0	23.3	26.9	30.6
-77.5°	0.0	1.8	3.6	5.4	7.2	9.4	12.6	15.6	18.4	21.1	23.8
-80°	0.0	1.4	2.9	4.3	5.7	7.2	8.8	11.2	13.5	15.7	17.8
-82.5°	0.0	1.1	2.2	3.2	4.3	5.4	6.4	7.5	8.6	10.4	12.0
-85°	0.0	0.7	1.4	2.2	2.9	3.6	4.3	5.0	5.7	6.3	7.0
-87.5°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.2	3.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.8	4.1	4.5	4.8	5.1	5.3	5.6	5.9	6.1	6.4	6.6
85°	7.7	8.3	9.3	10.3	11.2	12.0	12.8	13.4	14.2	14.9	15.6
82.5°	13.6	15.2	16.7	18.2	19.4	20.5	21.5	23.0	24.7	26.4	28.0
80°	19.9	22.0	24.6	27.2	29.6	31.9	34.2	36.6	38.9	41.3	43.8
77.5°	27.0	30.4	33.8	37.3	40.6	44.5	48.4	52.2	55.6	58.7	61.5
75°	34.6	38.7	43.8	49.0	54.0	58.8	63.7	69.0	73.7	77.9	81.9
72.5°	42.8	48.9	55.0	61.1	68.0	74.6	80.9	87.1	92.7	98.0	103.3
70°	52.0	59.0	67.1	75.4	83.3	90.9	98.3	105.2	111.8	118.7	126.1
67.5°	61.4	71.0	80.4	89.7	99.1	107.6	115.7	124.7	133.5	142.2	150.6
65°	72.5	83.1	94.0	104.7	114.9	125.2	135.6	145.8	156.2	166.1	175.4
62.5°	83.5	95.8	107.9	119.7	131.8	143.6	155.7	167.7	179.3	191.3	202.9
60°	95.3	108.7	121.9	135.2	148.7	162.9	176.4	190.5	204.6	218.2	231.3
57.5°	106.9	121.4	135.9	150.9	166.7	182.3	198.3	214.1	230.3	245.8	259.3
55°	118.2	133.8	150.1	167.4	184.7	202.6	220.5	238.8	256.3	269.3	281.6
52.5°	129.5	146.3	165.0	183.8	203.1	223.1	243.9	261.6	276.2	287.4	290.1
50°	140.6	159.9	179.6	200.3	221.6	244.2	264.1	280.2	288.4	291.5	289.8
47.5°	152.4	173.1	194.3	216.5	240.4	262.0	280.8	289.0	292.9	288.6	283.4
45°	164.0	186.2	208.6	233.1	256.9	277.4	287.9	293.8	288.5	283.4	279.8
42.5°	175.2	199.0	223.6	248.7	270.9	285.3	292.0	288.7	284.2	280.3	281.6
40°	186.4	211.3	238.2	261.9	281.8	289.2	288.1	284.0	281.3	283.0	288.6
37.5°	197.1	224.2	251.7	274.6	285.3	288.3	283.4	280.7	282.7	289.2	301.6
35°	207.2	236.6	262.8	281.9	289.1	284.1	280.5	280.1	287.5	300.7	319.2
32.5°	217.5	248.4	273.2	285.1	286.3	280.7	278.0	284.3	296.0	313.4	344.5
30°	227.5	257.5	280.8	288.0	283.1	278.7	280.2	289.4	305.1	334.2	384.4
27.5°	236.6	265.7	283.2	286.7	280.3	276.6	283.5	297.2	320.2	358.9	430.6
25°	244.9	273.2	285.4	284.1	278.4	278.0	287.3	304.2	335.9	398.5	496.8
22.5°	251.8	280.0	287.4	281.6	276.5	280.2	293.2	316.7	359.1	436.0	565.8
20°	257.4	281.7	287.0	279.3	274.7	282.0	298.4	329.0	390.4	494.4	643.5
17.5°	262.4	283.2	285.1	277.8	275.8	284.9	303.9	340.0	418.1	544.7	718.2
15°	266.9	284.5	283.3	276.5	277.1	288.8	312.9	360.6	451.4	592.1	785.3
12.5°	270.8	285.6	281.5	275.3	278.1	292.0	320.6	379.4	484.3	643.4	892.8
10°	274.0	286.6	279.9	274.4	278.8	294.6	326.8	394.2	509.6	687.0	983.1
7.5°	277.0	287.3	278.6	273.7	279.1	296.5	331.5	405.1	527.7	722.0	1050.6
5°	279.2	287.8	277.8	273.4	280.1	298.5	335.0	412.2	538.7	747.5	1095.8
2.5°	280.7	288.1	277.4	273.2	281.5	301.3	337.9	418.2	548.4	760.1	1127.9
0°	281.4	288.2	277.2	273.1	282.7	303.4	339.3	420.7	553.1	759.9	1147.5
-2.5°	280.7	288.1	277.4	273.2	281.5	301.3	337.9	418.2	548.4	760.1	1127.9
-5°	279.2	287.8	277.8	273.4	280.1	298.5	335.0	412.2	538.7	747.5	1095.8
-7.5°	277.0	287.3	278.6	273.7	279.1	296.5	331.5	405.1	527.7	722.0	1050.6
-10°	274.0	286.6	279.9	274.4	278.8	294.6	326.8	394.2	509.6	687.0	983.1
-12.5°	270.8	285.6	281.5	275.3	278.1	292.0	320.6	379.4	484.3	643.4	892.8
-15°	266.9	284.5	283.3	276.5	277.1	288.8	312.9	360.6	451.4	592.1	785.3
-17.5°	262.4	283.2	285.1	277.8	275.8	284.9	303.9	340.0	418.1	544.7	718.2
-20°	257.4	281.7	287.0	279.3	274.7	282.0	298.4	329.0	390.4	494.4	643.5



REPORT NUMBER: P558820 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	251.8	280.0	287.4	281.6	276.5	280.2	293.2	316.7	359.1	436.0	565.8
-25°	244.9	273.2	285.4	284.1	278.4	278.0	287.3	304.2	335.9	398.5	496.8
-27.5°	236.6	265.7	283.2	286.7	280.3	276.6	283.5	297.2	320.2	358.9	430.6
-30°	227.5	257.5	280.8	288.0	283.1	278.7	280.2	289.4	305.1	334.2	384.4
-32.5°	217.5	248.4	273.2	285.1	286.3	280.7	278.0	284.3	296.0	313.4	344.5
-35°	207.2	236.6	262.8	281.9	289.1	284.1	280.5	280.1	287.5	300.7	319.2
-37.5°	197.1	224.2	251.7	274.6	285.3	288.3	283.4	280.7	282.7	289.2	301.6
-40°	186.4	211.3	238.2	261.9	281.8	289.2	288.1	284.0	281.3	283.0	288.6
-42.5°	175.2	199.0	223.6	248.7	270.9	285.3	292.0	288.7	284.2	280.3	281.6
-45°	164.0	186.2	208.6	233.1	256.9	277.4	287.9	293.8	288.5	283.4	279.8
-47.5°	152.4	173.1	194.3	216.5	240.4	262.0	280.8	289.0	292.9	288.6	283.4
-50°	140.6	159.9	179.6	200.3	221.6	244.2	264.1	280.2	288.4	291.5	289.8
-52.5°	129.5	146.3	165.0	183.8	203.1	223.1	243.9	261.6	276.2	287.4	290.1
-55°	118.2	133.8	150.1	167.4	184.7	202.6	220.5	238.8	256.3	269.3	281.6
-57.5°	106.9	121.4	135.9	150.9	166.7	182.3	198.3	214.1	230.3	245.8	259.3
-60°	95.3	108.7	121.9	135.2	148.7	162.9	176.4	190.5	204.6	218.2	231.3
-62.5°	83.5	95.8	107.9	119.7	131.8	143.6	155.7	167.7	179.3	191.3	202.9
-65°	72.5	83.1	94.0	104.7	114.9	125.2	135.6	145.8	156.2	166.1	175.4
-67.5°	61.4	71.0	80.4	89.7	99.1	107.6	115.7	124.7	133.5	142.2	150.6
-70°	52.0	59.0	67.1	75.4	83.3	90.9	98.3	105.2	111.8	118.7	126.1
-72.5°	42.8	48.9	55.0	61.1	68.0	74.6	80.9	87.1	92.7	98.0	103.3
-75°	34.6	38.7	43.8	49.0	54.0	58.8	63.7	69.0	73.7	77.9	81.9
-77.5°	27.0	30.4	33.8	37.3	40.6	44.5	48.4	52.2	55.6	58.7	61.5
-80°	19.9	22.0	24.6	27.2	29.6	31.9	34.2	36.6	38.9	41.3	43.8
-82.5°	13.6	15.2	16.7	18.2	19.4	20.5	21.5	23.0	24.7	26.4	28.0
-85°	7.7	8.3	9.3	10.3	11.2	12.0	12.8	13.4	14.2	14.9	15.6
-87.5°	3.8	4.1	4.5	4.8	5.1	5.3	5.6	5.9	6.1	6.4	6.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558820 (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°	6.8	6.7	6.6	6.4	6.3	6.4	6.5	6.6	6.7	7.1	7.5
85°	16.2	16.9	17.7	18.5	19.2	19.8	20.3	20.7	21.1	21.4	21.7
82.5°	29.5	31.0	32.5	33.8	34.9	35.9	36.7	37.5	38.2	38.7	39.2
80°	46.0	48.0	49.9	51.5	52.9	54.1	55.2	56.0	56.7	58.0	59.4
77.5°	64.4	67.3	69.9	72.3	74.5	76.7	78.7	80.5	82.1	83.4	84.3
75°	85.7	89.3	93.0	96.3	99.4	102.5	105.5	108.3	110.8	112.5	113.8
72.5°	108.6	113.5	117.9	122.2	126.0	129.8	133.6	137.0	140.0	142.4	144.2
70°	133.1	139.5	144.7	149.5	154.2	159.0	163.7	167.8	171.3	174.2	176.5
67.5°	158.5	165.8	172.3	178.6	184.9	190.9	196.5	201.8	206.6	210.3	212.7
65°	184.5	193.8	202.4	210.1	217.1	223.8	230.9	237.5	243.4	248.2	251.9
62.5°	213.8	224.4	234.1	242.8	250.6	256.9	263.6	269.7	275.2	280.3	285.4
60°	243.8	255.6	264.2	271.5	278.3	284.3	286.6	288.9	290.7	292.4	294.4
57.5°	270.0	280.2	287.5	289.1	290.6	291.9	291.1	288.8	286.3	283.8	281.9
55°	288.3	291.1	294.3	291.8	287.8	284.1	280.8	278.5	276.3	274.3	272.7
52.5°	293.1	290.3	286.9	283.2	280.5	277.6	274.7	275.2	276.1	276.7	277.1
50°	286.0	282.7	280.9	278.8	279.2	280.6	281.8	284.5	287.9	290.3	292.3
47.5°	280.5	278.4	281.1	284.6	287.9	293.8	299.0	304.2	312.2	318.5	323.6
45°	279.0	284.2	289.6	298.2	305.7	318.7	331.0	341.2	360.3	377.7	391.5
42.5°	286.8	295.8	305.7	322.3	340.3	363.4	393.0	418.0	447.3	474.7	494.5
40°	299.9	313.1	335.2	362.0	404.0	441.3	490.4	532.3	571.8	613.6	645.1
37.5°	318.6	343.3	384.6	432.8	496.5	557.8	625.4	691.0	747.0	831.6	897.9
35°	346.4	396.4	455.0	535.5	618.8	712.6	811.5	938.9	1051.0	1182.7	1306.4
32.5°	397.1	464.8	556.7	665.6	776.2	938.1	1090.8	1297.8	1483.9	1716.0	1965.6
30°	456.3	557.3	680.9	823.0	1023.3	1246.1	1497.2	1814.7	2192.0	2641.2	3244.1
27.5°	538.0	667.7	823.1	1053.5	1337.7	1636.2	2081.5	2615.2	3587.9	4435.5	5558.9
25°	626.0	784.4	1030.1	1339.7	1713.8	2251.2	3121.8	4232.4	5805.5	7309.6	8512.1
22.5°	727.4	958.8	1268.9	1654.4	2259.6	3300.3	4652.0	6607.8	8361.9	9879.0	11047.3
20°	839.6	1129.9	1546.7	2135.7	3166.5	4690.7	6860.4	8867.7	10659.3	11965.3	12997.6
17.5°	985.0	1364.2	1893.1	2705.8	4287.9	6636.6	8873.5	10857.4	12416.3	13563.7	14478.8
15°	1120.8	1579.9	2265.3	3652.0	5811.5	8321.6	10614.5	12384.3	13733.3	14801.0	15623.8
12.5°	1281.0	1822.2	2700.4	4469.5	7212.3	9711.8	11850.6	13503.2	14802.3	15803.1	16905.9
10°	1423.7	2082.8	3323.9	5558.8	8362.8	10804.3	12881.3	14366.5	15669.2	16973.4	18626.9
7.5°	1541.6	2301.6	3835.2	6477.9	9246.0	11612.5	13504.7	14988.7	16424.3	18166.2	20551.2
5°	1635.1	2466.6	4255.8	7171.7	9888.1	12189.3	13980.8	15485.0	17106.6	19436.8	22637.4
2.5°	1697.7	2574.7	4518.7	7590.9	10293.1	12520.1	14333.7	15809.6	17509.8	20148.1	23492.0
0°	1722.6	2624.6	4452.0	7666.9	10317.7	12627.8	14386.3	15931.0	17624.6	20267.1	23648.9
-2.5°	1697.7	2574.7	4518.7	7590.9	10293.1	12520.1	14333.7	15809.6	17509.8	20148.1	23492.0
-5°	1635.1	2466.6	4255.8	7171.7	9888.1	12189.3	13980.8	15485.0	17106.6	19436.8	22637.4
-7.5°	1541.6	2301.6	3835.2	6477.9	9246.0	11612.5	13504.7	14988.7	16424.3	18166.2	20551.2
-10°	1423.7	2082.8	3323.9	5558.8	8362.8	10804.3	12881.3	14366.5	15669.2	16973.4	18626.9
-12.5°	1281.0	1822.2	2700.4	4469.5	7212.3	9711.8	11850.6	13503.2	14802.3	15803.1	16905.9
-15°	1120.8	1579.9	2265.3	3652.0	5811.5	8321.6	10614.5	12384.3	13733.3	14801.0	15623.8
-17.5°	985.0	1364.2	1893.1	2705.8	4287.9	6636.6	8873.5	10857.4	12416.3	13563.7	14478.8
-20°	839.6	1129.9	1546.7	2135.7	3166.5	4690.7	6860.4	8867.7	10659.3	11965.3	12997.6



REPORT NUMBER: P558820 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	727.4	958.8	1268.9	1654.4	2259.6	3300.3	4652.0	6607.8	8361.9	9879.0	11047.3
-25°	626.0	784.4	1030.1	1339.7	1713.8	2251.2	3121.8	4232.4	5805.5	7309.6	8512.1
-27.5°	538.0	667.7	823.1	1053.5	1337.7	1636.2	2081.5	2615.2	3587.9	4435.5	5558.9
-30°	456.3	557.3	680.9	823.0	1023.3	1246.1	1497.2	1814.7	2192.0	2641.2	3244.1
-32.5°	397.1	464.8	556.7	665.6	776.2	938.1	1090.8	1297.8	1483.9	1716.0	1965.6
-35°	346.4	396.4	455.0	535.5	618.8	712.6	811.5	938.9	1051.0	1182.7	1306.4
-37.5°	318.6	343.3	384.6	432.8	496.5	557.8	625.4	691.0	747.0	831.6	897.9
-40°	299.9	313.1	335.2	362.0	404.0	441.3	490.4	532.3	571.8	613.6	645.1
-42.5°	286.8	295.8	305.7	322.3	340.3	363.4	393.0	418.0	447.3	474.7	494.5
-45°	279.0	284.2	289.6	298.2	305.7	318.7	331.0	341.2	360.3	377.7	391.5
-47.5°	280.5	278.4	281.1	284.6	287.9	293.8	299.0	304.2	312.2	318.5	323.6
-50°	286.0	282.7	280.9	278.8	279.2	280.6	281.8	284.5	287.9	290.3	292.3
-52.5°	293.1	290.3	286.9	283.2	280.5	277.6	274.7	275.2	276.1	276.7	277.1
-55°	288.3	291.1	294.3	291.8	287.8	284.1	280.8	278.5	276.3	274.3	272.7
-57.5°	270.0	280.2	287.5	289.1	290.6	291.9	291.1	288.8	286.3	283.8	281.9
-60°	243.8	255.6	264.2	271.5	278.3	284.3	286.6	288.9	290.7	292.4	294.4
-62.5°	213.8	224.4	234.1	242.8	250.6	256.9	263.6	269.7	275.2	280.3	285.4
-65°	184.5	193.8	202.4	210.1	217.1	223.8	230.9	237.5	243.4	248.2	251.9
-67.5°	158.5	165.8	172.3	178.6	184.9	190.9	196.5	201.8	206.6	210.3	212.7
-70°	133.1	139.5	144.7	149.5	154.2	159.0	163.7	167.8	171.3	174.2	176.5
-72.5°	108.6	113.5	117.9	122.2	126.0	129.8	133.6	137.0	140.0	142.4	144.2
-75°	85.7	89.3	93.0	96.3	99.4	102.5	105.5	108.3	110.8	112.5	113.8
-77.5°	64.4	67.3	69.9	72.3	74.5	76.7	78.7	80.5	82.1	83.4	84.3
-80°	46.0	48.0	49.9	51.5	52.9	54.1	55.2	56.0	56.7	58.0	59.4
-82.5°	29.5	31.0	32.5	33.8	34.9	35.9	36.7	37.5	38.2	38.7	39.2
-85°	16.2	16.9	17.7	18.5	19.2	19.8	20.3	20.7	21.1	21.4	21.7
-87.5°	6.8	6.7	6.6	6.4	6.3	6.4	6.5	6.6	6.7	7.1	7.5
-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: P558820 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.9	8.3	8.3	8.3	8.3	8.3	7.9	7.5	7.1	6.7	6.6
85°	21.9	22.0	22.7	23.4	22.7	22.0	21.9	21.7	21.4	21.1	20.7
82.5°	39.5	39.8	40.0	40.0	40.0	39.8	39.5	39.2	38.7	38.2	37.5
80°	60.6	61.7	61.3	60.7	61.3	61.7	60.6	59.4	58.0	56.7	56.0
77.5°	84.8	85.1	84.7	84.1	84.7	85.1	84.8	84.3	83.4	82.1	80.5
75°	114.7	115.2	115.7	115.9	115.7	115.2	114.7	113.8	112.5	110.8	108.3
72.5°	145.7	146.7	146.7	146.2	146.7	146.7	145.7	144.2	142.4	140.0	137.0
70°	178.3	179.6	180.4	180.7	180.4	179.6	178.3	176.5	174.2	171.3	167.8
67.5°	214.4	215.3	216.2	216.5	216.2	215.3	214.4	212.7	210.3	206.6	201.8
65°	255.1	257.5	258.2	257.9	258.2	257.5	255.1	251.9	248.2	243.4	237.5
62.5°	290.1	294.3	296.1	296.5	296.1	294.3	290.1	285.4	280.3	275.2	269.7
60°	296.1	297.5	297.9	297.9	297.9	297.5	296.1	294.4	292.4	290.7	288.9
57.5°	280.1	278.5	277.5	277.2	277.5	278.5	280.1	281.9	283.8	286.3	288.8
55°	271.1	269.7	269.0	268.9	269.0	269.7	271.1	272.7	274.3	276.3	278.5
52.5°	277.2	277.0	277.6	278.6	277.6	277.0	277.2	277.1	276.7	276.1	275.2
50°	294.1	295.3	296.6	297.9	296.6	295.3	294.1	292.3	290.3	287.9	284.5
47.5°	327.3	329.2	330.3	331.0	330.3	329.2	327.3	323.6	318.5	312.2	304.2
45°	400.4	405.2	407.5	408.2	407.5	405.2	400.4	391.5	377.7	360.3	341.2
42.5°	507.6	514.8	517.9	518.6	517.9	514.8	507.6	494.5	474.7	447.3	418.0
40°	667.6	680.4	686.6	691.0	686.6	680.4	667.6	645.1	613.6	571.8	532.3
37.5°	947.5	979.7	997.9	1013.7	997.9	979.7	947.5	897.9	831.6	747.0	691.0
35°	1407.0	1480.8	1524.2	1533.7	1524.2	1480.8	1407.0	1306.4	1182.7	1051.0	938.9
32.5°	2157.8	2302.5	2389.0	2399.8	2389.0	2302.5	2157.8	1965.6	1716.0	1483.9	1297.8
30°	3712.0	4117.3	4395.1	4356.8	4395.1	4117.3	3712.0	3244.1	2641.2	2192.0	1814.7
27.5°	6479.2	7214.1	7691.4	7651.7	7691.4	7214.1	6479.2	5558.9	4435.5	3587.9	2615.2
25°	9436.6	10113.0	10512.3	10659.7	10512.3	10113.0	9436.6	8512.1	7309.6	5805.5	4232.4
22.5°	11851.6	12456.4	12801.7	13008.5	12801.7	12456.4	11851.6	11047.3	9879.0	8361.9	6607.8
20°	13701.9	14226.4	14523.5	14651.1	14523.5	14226.4	13701.9	12997.6	11965.3	10659.3	8867.7
17.5°	15125.4	15564.5	15900.9	15987.5	15900.9	15564.5	15125.4	14478.8	13563.7	12416.3	10857.4
15°	16384.6	16951.8	17348.5	17496.3	17348.5	16951.8	16384.6	15623.8	14801.0	13733.3	12384.3
12.5°	17972.4	18958.6	19482.9	19603.7	19482.9	18958.6	17972.4	16905.9	15803.1	14802.3	13503.2
10°	20319.3	21835.2	22006.9	21771.8	22006.9	21835.2	20319.3	18626.9	16973.4	15669.2	14366.5
7.5°	23737.3	25758.5	25321.5	24593.6	25321.5	25758.5	23737.3	20551.2	18166.2	16424.3	14988.7
5°	26183.3	28989.5	29076.6	28542.2	29076.6	28989.5	26183.3	22637.4	19436.8	17106.6	15485.0
2.5°	27157.1	30045.8	31483.5	31719.2	31483.5	30045.8	27157.1	23492.0	20148.1	17509.8	15809.6
0°	27229.9	30386.2	32090.8	32514.3	32090.8	30386.2	27229.9	23648.9	20267.1	17624.6	15931.0
-2.5°	27157.1	30045.8	31483.5	31719.2	31483.5	30045.8	27157.1	23492.0	20148.1	17509.8	15809.6
-5°	26183.3	28989.5	29076.6	28542.2	29076.6	28989.5	26183.3	22637.4	19436.8	17106.6	15485.0
-7.5°	23737.3	25758.5	25321.5	24593.6	25321.5	25758.5	23737.3	20551.2	18166.2	16424.3	14988.7
-10°	20319.3	21835.2	22006.9	21771.8	22006.9	21835.2	20319.3	18626.9	16973.4	15669.2	14366.5
-12.5°	17972.4	18958.6	19482.9	19603.7	19482.9	18958.6	17972.4	16905.9	15803.1	14802.3	13503.2
-15°	16384.6	16951.8	17348.5	17496.3	17348.5	16951.8	16384.6	15623.8	14801.0	13733.3	12384.3
-17.5°	15125.4	15564.5	15900.9	15987.5	15900.9	15564.5	15125.4	14478.8	13563.7	12416.3	10857.4
-20°	13701.9	14226.4	14523.5	14651.1	14523.5	14226.4	13701.9	12997.6	11965.3	10659.3	8867.7



REPORT NUMBER: P558820 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	11851.6	12456.4	12801.7	13008.5	12801.7	12456.4	11851.6	11047.3	9879.0	8361.9	6607.8
-25°	9436.6	10113.0	10512.3	10659.7	10512.3	10113.0	9436.6	8512.1	7309.6	5805.5	4232.4
-27.5°	6479.2	7214.1	7691.4	7651.7	7691.4	7214.1	6479.2	5558.9	4435.5	3587.9	2615.2
-30°	3712.0	4117.3	4395.1	4356.8	4395.1	4117.3	3712.0	3244.1	2641.2	2192.0	1814.7
-32.5°	2157.8	2302.5	2389.0	2399.8	2389.0	2302.5	2157.8	1965.6	1716.0	1483.9	1297.8
-35°	1407.0	1480.8	1524.2	1533.7	1524.2	1480.8	1407.0	1306.4	1182.7	1051.0	938.9
-37.5°	947.5	979.7	997.9	1013.7	997.9	979.7	947.5	897.9	831.6	747.0	691.0
-40°	667.6	680.4	686.6	691.0	686.6	680.4	667.6	645.1	613.6	571.8	532.3
-42.5°	507.6	514.8	517.9	518.6	517.9	514.8	507.6	494.5	474.7	447.3	418.0
-45°	400.4	405.2	407.5	408.2	407.5	405.2	400.4	391.5	377.7	360.3	341.2
-47.5°	327.3	329.2	330.3	331.0	330.3	329.2	327.3	323.6	318.5	312.2	304.2
-50°	294.1	295.3	296.6	297.9	296.6	295.3	294.1	292.3	290.3	287.9	284.5
-52.5°	277.2	277.0	277.6	278.6	277.6	277.0	277.2	277.1	276.7	276.1	275.2
-55°	271.1	269.7	269.0	268.9	269.0	269.7	271.1	272.7	274.3	276.3	278.5
-57.5°	280.1	278.5	277.5	277.2	277.5	278.5	280.1	281.9	283.8	286.3	288.8
-60°	296.1	297.5	297.9	297.9	297.9	297.5	296.1	294.4	292.4	290.7	288.9
-62.5°	290.1	294.3	296.1	296.5	296.1	294.3	290.1	285.4	280.3	275.2	269.7
-65°	255.1	257.5	258.2	257.9	258.2	257.5	255.1	251.9	248.2	243.4	237.5
-67.5°	214.4	215.3	216.2	216.5	216.2	215.3	214.4	212.7	210.3	206.6	201.8
-70°	178.3	179.6	180.4	180.7	180.4	179.6	178.3	176.5	174.2	171.3	167.8
-72.5°	145.7	146.7	146.7	146.2	146.7	146.7	145.7	144.2	142.4	140.0	137.0
-75°	114.7	115.2	115.7	115.9	115.7	115.2	114.7	113.8	112.5	110.8	108.3
-77.5°	84.8	85.1	84.7	84.1	84.7	85.1	84.8	84.3	83.4	82.1	80.5
-80°	60.6	61.7	61.3	60.7	61.3	61.7	60.6	59.4	58.0	56.7	56.0
-82.5°	39.5	39.8	40.0	40.0	40.0	39.8	39.5	39.2	38.7	38.2	37.5
-85°	21.9	22.0	22.7	23.4	22.7	22.0	21.9	21.7	21.4	21.1	20.7
-87.5°	7.9	8.3	8.3	8.3	8.3	8.3	7.9	7.5	7.1	6.7	6.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558820 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-930-U-MR-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°	6.5	6.4	6.3	6.4	6.6	6.7	6.8	6.6	6.4	6.1	5.9
85°	20.3	19.8	19.2	18.5	17.7	16.9	16.2	15.6	14.9	14.2	13.4
82.5°	36.7	35.9	34.9	33.8	32.5	31.0	29.5	28.0	26.4	24.7	23.0
80°	55.2	54.1	52.9	51.5	49.9	48.0	46.0	43.8	41.3	38.9	36.6
77.5°	78.7	76.7	74.5	72.3	69.9	67.3	64.4	61.5	58.7	55.6	52.2
75°	105.5	102.5	99.4	96.3	93.0	89.3	85.7	81.9	77.9	73.7	69.0
72.5°	133.6	129.8	126.0	122.2	117.9	113.5	108.6	103.3	98.0	92.7	87.1
70°	163.7	159.0	154.2	149.5	144.7	139.5	133.1	126.1	118.7	111.8	105.2
67.5°	196.5	190.9	184.9	178.6	172.3	165.8	158.5	150.6	142.2	133.5	124.7
65°	230.9	223.8	217.1	210.1	202.4	193.8	184.5	175.4	166.1	156.2	145.8
62.5°	263.6	256.9	250.6	242.8	234.1	224.4	213.8	202.9	191.3	179.3	167.7
60°	286.6	284.3	278.3	271.5	264.2	255.6	243.8	231.3	218.2	204.6	190.5
57.5°	291.1	291.9	290.6	289.1	287.5	280.2	270.0	259.3	245.8	230.3	214.1
55°	280.8	284.1	287.8	291.8	294.3	291.1	288.3	281.6	269.3	256.3	238.8
52.5°	274.7	277.6	280.5	283.2	286.9	290.3	293.1	290.1	287.4	276.2	261.6
50°	281.8	280.6	279.2	278.8	280.9	282.7	286.0	289.8	291.5	288.4	280.2
47.5°	299.0	293.8	287.9	284.6	281.1	278.4	280.5	283.4	288.6	292.9	289.0
45°	331.0	318.7	305.7	298.2	289.6	284.2	279.0	279.8	283.4	288.5	293.8
42.5°	393.0	363.4	340.3	322.3	305.7	295.8	286.8	281.6	280.3	284.2	288.7
40°	490.4	441.3	404.0	362.0	335.2	313.1	299.9	288.6	283.0	281.3	284.0
37.5°	625.4	557.8	496.5	432.8	384.6	343.3	318.6	301.6	289.2	282.7	280.7
35°	811.5	712.6	618.8	535.5	455.0	396.4	346.4	319.2	300.7	287.5	280.1
32.5°	1090.8	938.1	776.2	665.6	556.7	464.8	397.1	344.5	313.4	296.0	284.3
30°	1497.2	1246.1	1023.3	823.0	680.9	557.3	456.3	384.4	334.2	305.1	289.4
27.5°	2081.5	1636.2	1337.7	1053.5	823.1	667.7	538.0	430.6	358.9	320.2	297.2
25°	3121.8	2251.2	1713.8	1339.7	1030.1	784.4	626.0	496.8	398.5	335.9	304.2
22.5°	4652.0	3300.3	2259.6	1654.4	1268.9	958.8	727.4	565.8	436.0	359.1	316.7
20°	6860.4	4690.7	3166.5	2135.7	1546.7	1129.9	839.6	643.5	494.4	390.4	329.0
17.5°	8873.5	6636.6	4287.9	2705.8	1893.1	1364.2	985.0	718.2	544.7	418.1	340.0
15°	10614.5	8321.6	5811.5	3652.0	2265.3	1579.9	1120.8	785.3	592.1	451.4	360.6
12.5°	11850.6	9711.8	7212.3	4469.5	2700.4	1822.2	1281.0	892.8	643.4	484.3	379.4
10°	12881.3	10804.3	8362.8	5558.8	3323.9	2082.8	1423.7	983.1	687.0	509.6	394.2
7.5°	13504.7	11612.5	9246.0	6477.9	3835.2	2301.6	1541.6	1050.6	722.0	527.7	405.1
5°	13980.8	12189.3	9888.1	7171.7	4255.8	2466.6	1635.1	1095.8	747.5	538.7	412.2
2.5°	14333.7	12520.1	10293.1	7590.9	4518.7	2574.7	1697.7	1127.9	760.1	548.4	418.2
0°	14386.3	12627.8	10317.7	7666.9	4452.0	2624.6	1722.6	1147.5	759.9	553.1	420.7
-2.5°	14333.7	12520.1	10293.1	7590.9	4518.7	2574.7	1697.7	1127.9	760.1	548.4	418.2
-5°	13980.8	12189.3	9888.1	7171.7	4255.8	2466.6	1635.1	1095.8	747.5	538.7	412.2
-7.5°	13504.7	11612.5	9246.0	6477.9	3835.2	2301.6	1541.6	1050.6	722.0	527.7	405.1
-10°	12881.3	10804.3	8362.8	5558.8	3323.9	2082.8	1423.7	983.1	687.0	509.6	394.2
-12.5°	11850.6	9711.8	7212.3	4469.5	2700.4	1822.2	1281.0	892.8	643.4	484.3	379.4
-15°	10614.5	8321.6	5811.5	3652.0	2265.3	1579.9	1120.8	785.3	592.1	451.4	360.6
-17.5°	8873.5	6636.6	4287.9	2705.8	1893.1	1364.2	985.0	718.2	544.7	418.1	340.0
-20°	6860.4	4690.7	3166.5	2135.7	1546.7	1129.9	839.6	643.5	494.4	390.4	329.0



REPORT NUMBER: P558820 (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°	4652.0	3300.3	2259.6	1654.4	1268.9	958.8	727.4	565.8	436.0	359.1	316.7
-25°	3121.8	2251.2	1713.8	1339.7	1030.1	784.4	626.0	496.8	398.5	335.9	304.2
-27.5°	2081.5	1636.2	1337.7	1053.5	823.1	667.7	538.0	430.6	358.9	320.2	297.2
-30°	1497.2	1246.1	1023.3	823.0	680.9	557.3	456.3	384.4	334.2	305.1	289.4
-32.5°	1090.8	938.1	776.2	665.6	556.7	464.8	397.1	344.5	313.4	296.0	284.3
-35°	811.5	712.6	618.8	535.5	455.0	396.4	346.4	319.2	300.7	287.5	280.1
-37.5°	625.4	557.8	496.5	432.8	384.6	343.3	318.6	301.6	289.2	282.7	280.7
-40°	490.4	441.3	404.0	362.0	335.2	313.1	299.9	288.6	283.0	281.3	284.0
-42.5°	393.0	363.4	340.3	322.3	305.7	295.8	286.8	281.6	280.3	284.2	288.7
-45°	331.0	318.7	305.7	298.2	289.6	284.2	279.0	279.8	283.4	288.5	293.8
-47.5°	299.0	293.8	287.9	284.6	281.1	278.4	280.5	283.4	288.6	292.9	289.0
-50°	281.8	280.6	279.2	278.8	280.9	282.7	286.0	289.8	291.5	288.4	280.2
-52.5°	274.7	277.6	280.5	283.2	286.9	290.3	293.1	290.1	287.4	276.2	261.6
-55°	280.8	284.1	287.8	291.8	294.3	291.1	288.3	281.6	269.3	256.3	238.8
-57.5°	291.1	291.9	290.6	289.1	287.5	280.2	270.0	259.3	245.8	230.3	214.1
-60°	286.6	284.3	278.3	271.5	264.2	255.6	243.8	231.3	218.2	204.6	190.5
-62.5°	263.6	256.9	250.6	242.8	234.1	224.4	213.8	202.9	191.3	179.3	167.7
-65°	230.9	223.8	217.1	210.1	202.4	193.8	184.5	175.4	166.1	156.2	145.8
-67.5°	196.5	190.9	184.9	178.6	172.3	165.8	158.5	150.6	142.2	133.5	124.7
-70°	163.7	159.0	154.2	149.5	144.7	139.5	133.1	126.1	118.7	111.8	105.2
-72.5°	133.6	129.8	126.0	122.2	117.9	113.5	108.6	103.3	98.0	92.7	87.1
-75°	105.5	102.5	99.4	96.3	93.0	89.3	85.7	81.9	77.9	73.7	69.0
-77.5°	78.7	76.7	74.5	72.3	69.9	67.3	64.4	61.5	58.7	55.6	52.2
-80°	55.2	54.1	52.9	51.5	49.9	48.0	46.0	43.8	41.3	38.9	36.6
-82.5°	36.7	35.9	34.9	33.8	32.5	31.0	29.5	28.0	26.4	24.7	23.0
-85°	20.3	19.8	19.2	18.5	17.7	16.9	16.2	15.6	14.9	14.2	13.4
-87.5°	6.5	6.4	6.3	6.4	6.6	6.7	6.8	6.6	6.4	6.1	5.9
-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: P558820 (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°	5.6	5.3	5.1	4.8	4.5	4.1	3.8	3.5	3.2	2.8	2.5
85°	12.8	12.0	11.2	10.3	9.3	8.3	7.7	7.0	6.3	5.7	5.0
82.5°	21.5	20.5	19.4	18.2	16.7	15.2	13.6	12.0	10.4	8.6	7.5
80°	34.2	31.9	29.6	27.2	24.6	22.0	19.9	17.8	15.7	13.5	11.2
77.5°	48.4	44.5	40.6	37.3	33.8	30.4	27.0	23.8	21.1	18.4	15.6
75°	63.7	58.8	54.0	49.0	43.8	38.7	34.6	30.6	26.9	23.3	20.0
72.5°	80.9	74.6	68.0	61.1	55.0	48.9	42.8	37.3	32.9	28.5	24.3
70°	98.3	90.9	83.3	75.4	67.1	59.0	52.0	45.3	38.8	33.7	28.8
67.5°	115.7	107.6	99.1	89.7	80.4	71.0	61.4	53.6	46.2	38.8	33.1
65°	135.6	125.2	114.9	104.7	94.0	83.1	72.5	62.3	53.6	45.3	37.4
62.5°	155.7	143.6	131.8	119.7	107.9	95.8	83.5	72.4	61.2	51.7	42.6
60°	176.4	162.9	148.7	135.2	121.9	108.7	95.3	82.3	70.1	58.0	48.1
57.5°	198.3	182.3	166.7	150.9	135.9	121.4	106.9	92.5	78.9	65.5	53.5
55°	220.5	202.6	184.7	167.4	150.1	133.8	118.2	102.5	87.5	73.1	58.8
52.5°	243.9	223.1	203.1	183.8	165.0	146.3	129.5	112.2	96.0	80.4	65.1
50°	264.1	244.2	221.6	200.3	179.6	159.9	140.6	122.3	104.2	87.6	71.3
47.5°	280.8	262.0	240.4	216.5	194.3	173.1	152.4	132.3	112.1	94.5	77.2
45°	287.9	277.4	256.9	233.1	208.6	186.2	164.0	142.0	120.8	101.1	82.9
42.5°	292.0	285.3	270.9	248.7	223.6	199.0	175.2	152.1	129.4	107.5	88.4
40°	288.1	289.2	281.8	261.9	238.2	211.3	186.4	161.8	137.6	114.1	93.7
37.5°	283.4	288.3	285.3	274.6	251.7	224.2	197.1	171.1	145.6	121.0	98.9
35°	280.5	284.1	289.1	281.9	262.8	236.6	207.2	180.0	153.4	127.6	103.7
32.5°	278.0	280.7	286.3	285.1	273.2	248.4	217.5	188.5	160.7	133.7	108.4
30°	280.2	278.7	283.1	288.0	280.8	257.5	227.5	196.5	167.5	139.4	112.9
27.5°	283.5	276.6	280.3	286.7	283.2	265.7	236.6	203.9	173.9	144.8	117.5
25°	287.3	278.0	278.4	284.1	285.4	273.2	244.9	210.8	179.9	150.0	121.7
22.5°	293.2	280.2	276.5	281.6	287.4	280.0	251.8	217.6	185.4	154.7	125.5
20°	298.4	282.0	274.7	279.3	287.0	281.7	257.4	223.8	190.4	158.9	129.0
17.5°	303.9	284.9	275.8	277.8	285.1	283.2	262.4	229.2	194.8	162.6	132.0
15°	312.9	288.8	277.1	276.5	283.3	284.5	266.9	233.8	198.7	165.9	134.6
12.5°	320.6	292.0	278.1	275.3	281.5	285.6	270.8	237.7	201.9	168.6	136.9
10°	326.8	294.6	278.8	274.4	279.9	286.6	274.0	241.1	204.8	170.7	138.8
7.5°	331.5	296.5	279.1	273.7	278.6	287.3	277.0	244.7	207.3	172.2	140.2
5°	335.0	298.5	280.1	273.4	277.8	287.8	279.2	247.5	209.1	173.3	141.3
2.5°	337.9	301.3	281.5	273.2	277.4	288.1	280.7	249.6	210.4	173.8	141.9
0°	339.3	303.4	282.7	273.1	277.2	288.2	281.4	251.0	211.0	173.8	142.1
-2.5°	337.9	301.3	281.5	273.2	277.4	288.1	280.7	249.6	210.4	173.8	141.9
-5°	335.0	298.5	280.1	273.4	277.8	287.8	279.2	247.5	209.1	173.3	141.3
-7.5°	331.5	296.5	279.1	273.7	278.6	287.3	277.0	244.7	207.3	172.2	140.2
-10°	326.8	294.6	278.8	274.4	279.9	286.6	274.0	241.1	204.8	170.7	138.8
-12.5°	320.6	292.0	278.1	275.3	281.5	285.6	270.8	237.7	201.9	168.6	136.9
-15°	312.9	288.8	277.1	276.5	283.3	284.5	266.9	233.8	198.7	165.9	134.6
-17.5°	303.9	284.9	275.8	277.8	285.1	283.2	262.4	229.2	194.8	162.6	132.0
-20°	298.4	282.0	274.7	279.3	287.0	281.7	257.4	223.8	190.4	158.9	129.0



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	293.2	280.2	276.5	281.6	287.4	280.0	251.8	217.6	185.4	154.7	125.5
-25°	287.3	278.0	278.4	284.1	285.4	273.2	244.9	210.8	179.9	150.0	121.7
-27.5°	283.5	276.6	280.3	286.7	283.2	265.7	236.6	203.9	173.9	144.8	117.5
-30°	280.2	278.7	283.1	288.0	280.8	257.5	227.5	196.5	167.5	139.4	112.9
-32.5°	278.0	280.7	286.3	285.1	273.2	248.4	217.5	188.5	160.7	133.7	108.4
-35°	280.5	284.1	289.1	281.9	262.8	236.6	207.2	180.0	153.4	127.6	103.7
-37.5°	283.4	288.3	285.3	274.6	251.7	224.2	197.1	171.1	145.6	121.0	98.9
-40°	288.1	289.2	281.8	261.9	238.2	211.3	186.4	161.8	137.6	114.1	93.7
-42.5°	292.0	285.3	270.9	248.7	223.6	199.0	175.2	152.1	129.4	107.5	88.4
-45°	287.9	277.4	256.9	233.1	208.6	186.2	164.0	142.0	120.8	101.1	82.9
-47.5°	280.8	262.0	240.4	216.5	194.3	173.1	152.4	132.3	112.1	94.5	77.2
-50°	264.1	244.2	221.6	200.3	179.6	159.9	140.6	122.3	104.2	87.6	71.3
-52.5°	243.9	223.1	203.1	183.8	165.0	146.3	129.5	112.2	96.0	80.4	65.1
-55°	220.5	202.6	184.7	167.4	150.1	133.8	118.2	102.5	87.5	73.1	58.8
-57.5°	198.3	182.3	166.7	150.9	135.9	121.4	106.9	92.5	78.9	65.5	53.5
-60°	176.4	162.9	148.7	135.2	121.9	108.7	95.3	82.3	70.1	58.0	48.1
-62.5°	155.7	143.6	131.8	119.7	107.9	95.8	83.5	72.4	61.2	51.7	42.6
-65°	135.6	125.2	114.9	104.7	94.0	83.1	72.5	62.3	53.6	45.3	37.4
-67.5°	115.7	107.6	99.1	89.7	80.4	71.0	61.4	53.6	46.2	38.8	33.1
-70°	98.3	90.9	83.3	75.4	67.1	59.0	52.0	45.3	38.8	33.7	28.8
-72.5°	80.9	74.6	68.0	61.1	55.0	48.9	42.8	37.3	32.9	28.5	24.3
-75°	63.7	58.8	54.0	49.0	43.8	38.7	34.6	30.6	26.9	23.3	20.0
-77.5°	48.4	44.5	40.6	37.3	33.8	30.4	27.0	23.8	21.1	18.4	15.6
-80°	34.2	31.9	29.6	27.2	24.6	22.0	19.9	17.8	15.7	13.5	11.2
-82.5°	21.5	20.5	19.4	18.2	16.7	15.2	13.6	12.0	10.4	8.6	7.5
-85°	12.8	12.0	11.2	10.3	9.3	8.3	7.7	7.0	6.3	5.7	5.0
-87.5°	5.6	5.3	5.1	4.8	4.5	4.1	3.8	3.5	3.2	2.8	2.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
85°	4.3	3.6	2.9	2.2	1.4	0.7	0.0
82.5°	6.4	5.4	4.3	3.2	2.2	1.1	0.0
80°	8.8	7.2	5.7	4.3	2.9	1.4	0.0
77.5°	12.6	9.4	7.2	5.4	3.6	1.8	0.0
75°	16.4	12.5	8.7	6.4	4.3	2.1	0.0
72.5°	20.1	15.5	11.1	7.5	5.0	2.5	0.0
70°	23.8	18.5	13.5	8.6	5.7	2.8	0.0
67.5°	27.5	21.5	15.8	10.3	6.3	3.2	0.0
65°	31.2	24.5	18.1	12.0	7.0	3.5	0.0
62.5°	34.8	27.7	20.3	13.7	7.7	3.8	0.0
60°	38.5	30.8	22.5	15.3	8.3	4.1	0.0
57.5°	43.0	33.8	24.9	16.8	9.3	4.5	0.0
55°	47.6	36.8	27.4	18.3	10.4	4.8	0.0
52.5°	52.0	39.9	29.8	19.8	11.3	5.1	0.0
50°	56.3	43.5	32.1	21.2	12.3	5.3	0.0
47.5°	60.5	46.9	34.4	22.6	13.3	5.6	0.0
45°	65.4	50.2	36.6	24.2	14.2	5.9	0.0
42.5°	69.9	53.4	38.7	25.8	15.0	6.1	0.0
40°	74.2	56.5	41.0	27.4	15.9	6.4	0.0
37.5°	78.3	59.4	43.3	28.9	16.7	6.6	0.0
35°	82.1	62.4	45.5	30.3	17.5	6.8	0.0
32.5°	85.7	65.4	47.6	31.5	18.2	7.0	0.0
30°	89.4	68.2	49.5	32.7	18.9	7.2	0.0
27.5°	92.8	70.7	51.2	33.8	19.5	7.4	0.0
25°	96.0	73.0	52.7	34.7	20.1	7.5	0.0
22.5°	98.9	75.0	54.0	35.6	20.7	7.7	0.0
20°	101.5	76.8	55.2	36.3	21.2	7.8	0.0
17.5°	103.8	78.3	56.3	36.9	21.6	7.9	0.0
15°	105.9	79.6	57.2	37.5	22.1	8.0	0.0
12.5°	107.6	80.7	57.9	37.9	22.4	8.1	0.0
10°	109.1	81.6	58.5	38.2	22.7	8.2	0.0
7.5°	110.2	82.2	59.0	38.5	23.0	8.2	0.0
5°	111.0	82.6	59.2	38.6	23.2	8.3	0.0
2.5°	111.5	82.8	59.3	38.6	23.3	8.3	0.0
0°	111.7	82.8	59.3	38.6	23.4	8.3	0.0
-2.5°	111.5	82.8	59.3	38.6	23.3	8.3	0.0
-5°	111.0	82.6	59.2	38.6	23.2	8.3	0.0
-7.5°	110.2	82.2	59.0	38.5	23.0	8.2	0.0
-10°	109.1	81.6	58.5	38.2	22.7	8.2	0.0
-12.5°	107.6	80.7	57.9	37.9	22.4	8.1	0.0
-15°	105.9	79.6	57.2	37.5	22.1	8.0	0.0
-17.5°	103.8	78.3	56.3	36.9	21.6	7.9	0.0
-20°	101.5	76.8	55.2	36.3	21.2	7.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	98.9	75.0	54.0	35.6	20.7	7.7	0.0
-25°	96.0	73.0	52.7	34.7	20.1	7.5	0.0
-27.5°	92.8	70.7	51.2	33.8	19.5	7.4	0.0
-30°	89.4	68.2	49.5	32.7	18.9	7.2	0.0
-32.5°	85.7	65.4	47.6	31.5	18.2	7.0	0.0
-35°	82.1	62.4	45.5	30.3	17.5	6.8	0.0
-37.5°	78.3	59.4	43.3	28.9	16.7	6.6	0.0
-40°	74.2	56.5	41.0	27.4	15.9	6.4	0.0
-42.5°	69.9	53.4	38.7	25.8	15.0	6.1	0.0
-45°	65.4	50.2	36.6	24.2	14.2	5.9	0.0
-47.5°	60.5	46.9	34.4	22.6	13.3	5.6	0.0
-50°	56.3	43.5	32.1	21.2	12.3	5.3	0.0
-52.5°	52.0	39.9	29.8	19.8	11.3	5.1	0.0
-55°	47.6	36.8	27.4	18.3	10.4	4.8	0.0
-57.5°	43.0	33.8	24.9	16.8	9.3	4.5	0.0
-60°	38.5	30.8	22.5	15.3	8.3	4.1	0.0
-62.5°	34.8	27.7	20.3	13.7	7.7	3.8	0.0
-65°	31.2	24.5	18.1	12.0	7.0	3.5	0.0
-67.5°	27.5	21.5	15.8	10.3	6.3	3.2	0.0
-70°	23.8	18.5	13.5	8.6	5.7	2.8	0.0
-72.5°	20.1	15.5	11.1	7.5	5.0	2.5	0.0
-75°	16.4	12.5	8.7	6.4	4.3	2.1	0.0
-77.5°	12.6	9.4	7.2	5.4	3.6	1.8	0.0
-80°	8.8	7.2	5.7	4.3	2.9	1.4	0.0
-82.5°	6.4	5.4	4.3	3.2	2.2	1.1	0.0
-85°	4.3	3.6	2.9	2.2	1.4	0.7	0.0
-87.5°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)