

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: P558940 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-927-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558940 (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-927-U-MR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (64) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

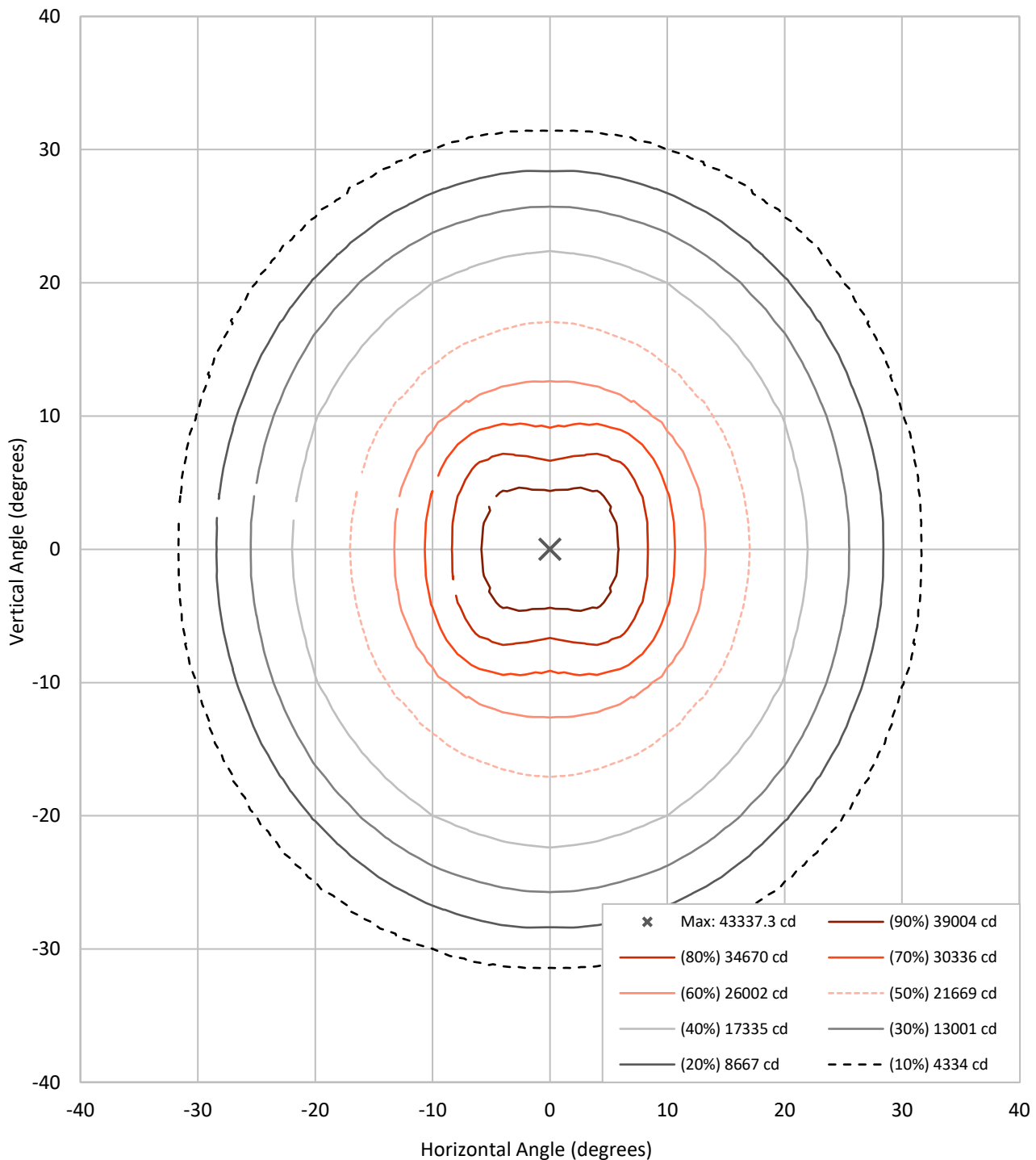
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	19171.2 lumens	Max Intensity:	43337.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	88.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	8165.7 lumens	Field Lumens:	16689.1 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



REPORT NUMBER: P558940 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





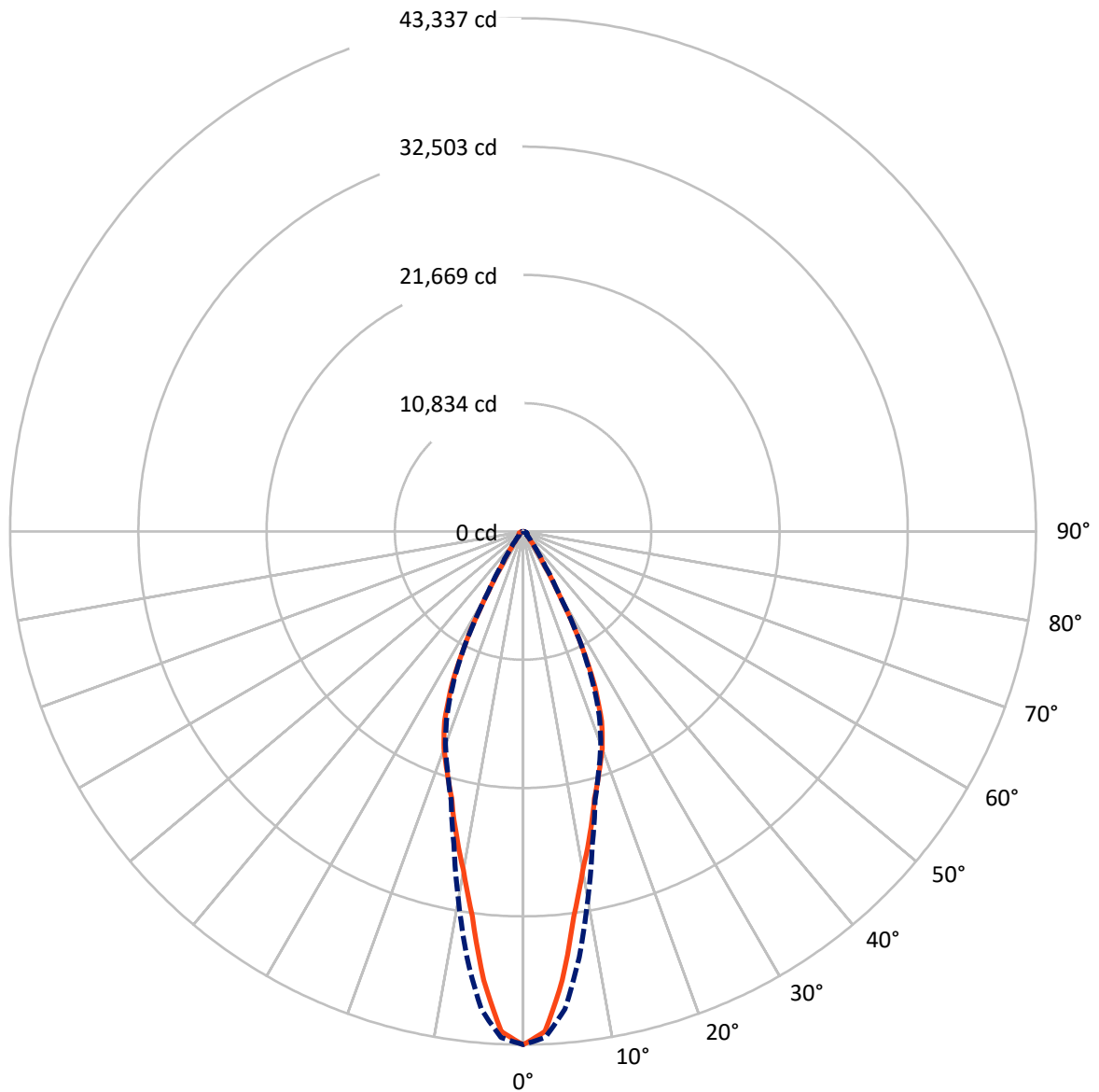
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Lumen Table

90																
80	0.3	2.1		6.0		9.8		11.4		9.8		6.0		2.1		0.3
70																
60	1.0	1.1	2.5	4.2	6.2	8.0	9.3	10.1	10.1	9.3	8.0	6.2	4.2	2.5	1.1	1.0
50		1.8	3.9	6.8	9.2	10.4	11.0	11.3	11.3	11.0	10.4	9.2	6.8	3.9	1.8	
40	1.8	2.5	5.4	8.2	9.5	11.8	15.2	17.5	17.5	15.2	11.8	9.5	8.2	5.4	2.5	1.8
30		3.1	6.3	8.2	12.4	24.4	46.5	71.0	71.0	46.5	24.4	12.4	8.2	6.3	3.1	
20	2.5	3.7	6.5	9.2	22.5	74.6	234.6	386.2	386.2	234.6	74.6	22.5	9.2	6.5	3.7	2.5
10		4.0	6.5	11.3	41.9	221.1	522.5	692.0	692.0	522.5	221.1	41.9	11.3	6.5	4.0	
0	2.7	4.2	6.5	13.1	63.7	348.3	679.5	1072.3	1072.3	679.5	348.3	63.7	13.1	6.5	4.2	2.7
-10		4.2	6.5	13.1	63.7	348.3	679.5	1072.3	1072.3	679.5	348.3	63.7	13.1	6.5	4.2	
-20	2.5	4.0	6.5	11.3	41.9	221.1	522.5	692.0	692.0	522.5	221.1	41.9	11.3	6.5	4.0	2.5
-30		3.7	6.5	9.2	22.5	74.6	234.6	386.2	386.2	234.6	74.6	22.5	9.2	6.5	3.7	
-40	1.8	3.1	6.3	8.2	12.4	24.4	46.5	71.0	71.0	46.5	24.4	12.4	8.2	6.3	3.1	1.8
-50		2.5	5.4	8.2	9.5	11.8	15.2	17.5	17.5	15.2	11.8	9.5	8.2	5.4	2.5	
-60	1.0	1.8	3.9	6.8	9.2	10.4	11.0	11.3	11.3	11.0	10.4	9.2	6.8	3.9	1.8	1.0
-70		1.1	2.5	4.2	6.2	8.0	9.3	10.1	10.1	9.3	8.0	6.2	4.2	2.5	1.1	
-80																
-90	0.3	2.1		6.0		9.8		11.4		9.8		6.0		2.1		0.3

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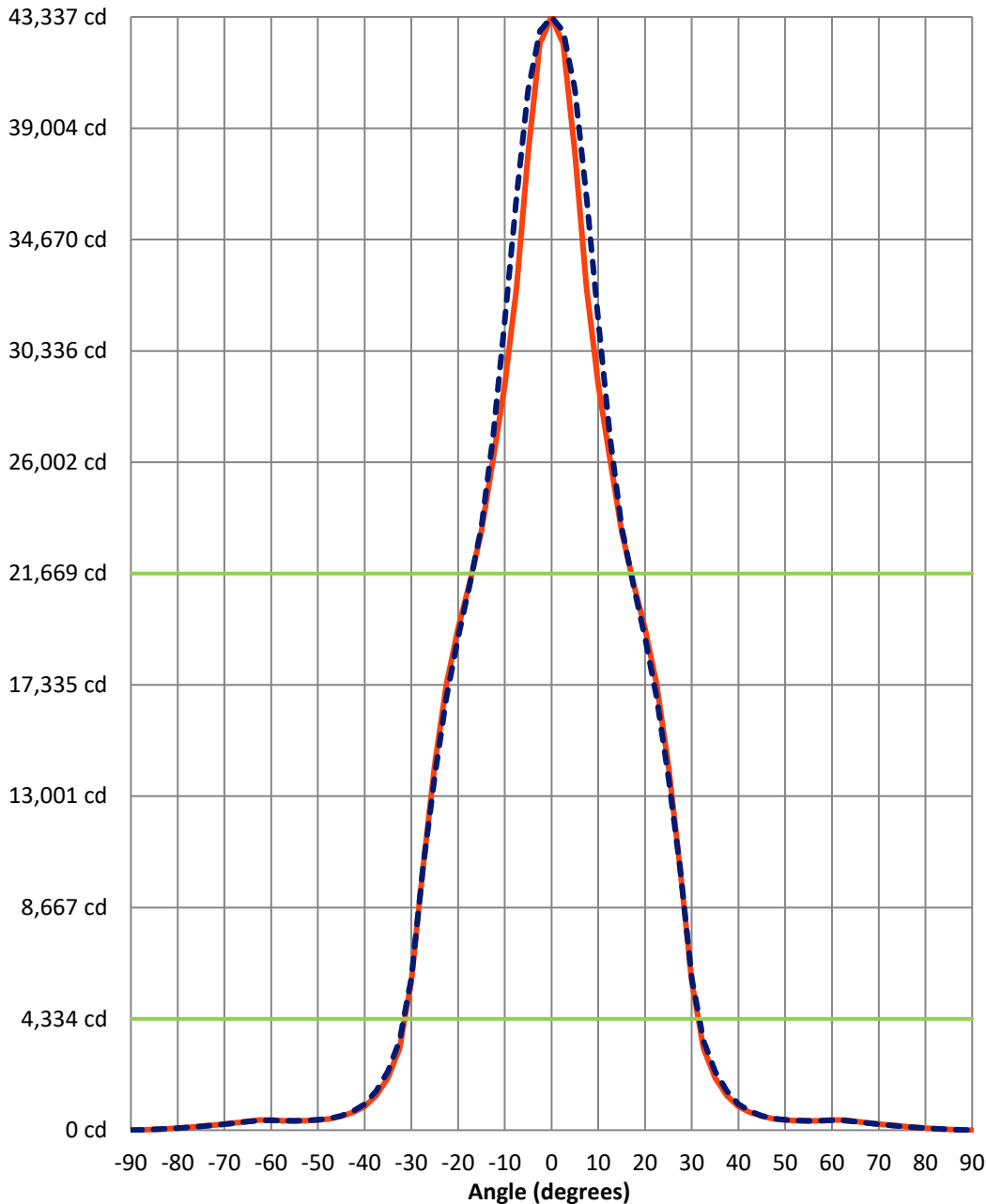
Luminous Intensity Polar Plot



— 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: 8165.7
 Efficiency: 42.6%

Field:
 H Angle: 63.3°
 V Angle: 62.8°
 Lumens: 16689.1
 Efficiency: 87.1%

Spill:
 Lumens: 2482.2
 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	1.0	1.4	1.9	2.4	2.8	3.3	3.8	4.2	4.6
85°	0.0	1.0	1.9	2.9	3.8	4.8	5.7	6.6	7.5	8.4	9.3
82.5°	0.0	1.4	2.9	4.3	5.7	7.1	8.5	9.9	11.5	13.7	15.9
80°	0.0	1.9	3.8	5.7	7.6	9.5	11.6	14.9	18.0	20.9	23.6
77.5°	0.0	2.4	4.8	7.1	9.5	12.5	16.8	20.8	24.6	28.1	31.7
75°	0.0	2.8	5.7	8.5	11.6	16.6	21.8	26.7	31.1	35.9	40.8
72.5°	0.0	3.3	6.6	9.9	14.8	20.7	26.8	32.5	38.1	43.8	49.8
70°	0.0	3.8	7.5	11.4	18.0	24.7	31.8	38.4	44.9	51.7	60.4
67.5°	0.0	4.2	8.4	13.7	21.1	28.7	36.7	44.2	51.7	61.6	71.4
65°	0.0	4.6	9.3	16.0	24.1	32.7	41.6	49.9	60.4	71.4	83.0
62.5°	0.0	5.1	10.1	18.2	27.1	36.9	46.5	56.8	69.0	81.5	96.5
60°	0.0	5.5	11.0	20.3	30.0	41.1	51.3	64.1	77.3	93.4	109.8
57.5°	0.0	5.9	12.4	22.4	33.3	45.1	57.3	71.3	87.2	105.1	123.3
55°	0.0	6.3	13.7	24.4	36.5	49.1	63.4	78.3	97.4	116.6	136.7
52.5°	0.0	6.7	15.1	26.3	39.7	53.2	69.3	86.8	107.2	128.0	149.5
50°	0.0	7.1	16.4	28.2	42.8	57.9	75.0	95.1	116.8	139.0	163.0
47.5°	0.0	7.4	17.6	30.1	45.8	62.5	80.7	103.0	126.0	149.4	176.3
45°	0.0	7.8	18.8	32.3	48.8	67.0	87.1	110.5	134.8	161.1	189.4
42.5°	0.0	8.1	20.0	34.4	51.6	71.2	93.2	117.8	143.4	172.5	202.8
40°	0.0	8.4	21.1	36.5	54.6	75.3	99.0	125.0	152.1	183.5	215.7
37.5°	0.0	8.7	22.2	38.5	57.7	79.1	104.4	131.8	161.3	194.1	228.1
35°	0.0	9.0	23.2	40.3	60.6	83.2	109.4	138.3	170.1	204.5	240.0
32.5°	0.0	9.3	24.2	42.0	63.4	87.2	114.3	144.5	178.2	214.2	251.3
30°	0.0	9.5	25.2	43.6	66.0	90.8	119.2	150.5	185.8	223.3	262.0
27.5°	0.0	9.8	26.0	45.0	68.2	94.2	123.7	156.6	193.0	231.8	271.9
25°	0.0	10.0	26.8	46.3	70.2	97.3	128.0	162.2	199.9	239.8	281.0
22.5°	0.0	10.2	27.6	47.4	72.0	100.0	131.8	167.3	206.1	247.2	290.1
20°	0.0	10.3	28.3	48.4	73.6	102.3	135.3	171.9	211.7	253.8	298.3
17.5°	0.0	10.5	28.9	49.3	75.0	104.3	138.4	175.9	216.7	259.7	305.5
15°	0.0	10.6	29.5	50.0	76.2	106.1	141.1	179.4	221.0	264.8	311.6
12.5°	0.0	10.7	29.9	50.6	77.2	107.5	143.5	182.4	224.6	269.1	316.8
10°	0.0	10.8	30.4	51.0	78.0	108.7	145.4	184.9	227.4	273.0	321.4
7.5°	0.0	10.9	30.7	51.3	78.5	109.5	146.9	186.8	229.5	276.3	326.1
5°	0.0	11.0	31.0	51.5	78.9	110.1	148.0	188.2	230.9	278.8	329.9
2.5°	0.0	11.0	31.2	51.6	79.1	110.3	148.7	189.0	231.6	280.5	332.8
0°	0.0	11.0	31.3	51.5	79.0	110.3	148.9	189.3	231.6	281.3	334.6
-2.5°	0.0	11.0	31.2	51.6	79.1	110.3	148.7	189.0	231.6	280.5	332.8
-5°	0.0	11.0	31.0	51.5	78.9	110.1	148.0	188.2	230.9	278.8	329.9
-7.5°	0.0	10.9	30.7	51.3	78.5	109.5	146.9	186.8	229.5	276.3	326.1
-10°	0.0	10.8	30.4	51.0	78.0	108.7	145.4	184.9	227.4	273.0	321.4
-12.5°	0.0	10.7	29.9	50.6	77.2	107.5	143.5	182.4	224.6	269.1	316.8
-15°	0.0	10.6	29.5	50.0	76.2	106.1	141.1	179.4	221.0	264.8	311.6
-17.5°	0.0	10.5	28.9	49.3	75.0	104.3	138.4	175.9	216.7	259.7	305.5
-20°	0.0	10.3	28.3	48.4	73.6	102.3	135.3	171.9	211.7	253.8	298.3



REPORT NUMBER: P558940 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	10.2	27.6	47.4	72.0	100.0	131.8	167.3	206.1	247.2	290.1
-25°	0.0	10.0	26.8	46.3	70.2	97.3	128.0	162.2	199.9	239.8	281.0
-27.5°	0.0	9.8	26.0	45.0	68.2	94.2	123.7	156.6	193.0	231.8	271.9
-30°	0.0	9.5	25.2	43.6	66.0	90.8	119.2	150.5	185.8	223.3	262.0
-32.5°	0.0	9.3	24.2	42.0	63.4	87.2	114.3	144.5	178.2	214.2	251.3
-35°	0.0	9.0	23.2	40.3	60.6	83.2	109.4	138.3	170.1	204.5	240.0
-37.5°	0.0	8.7	22.2	38.5	57.7	79.1	104.4	131.8	161.3	194.1	228.1
-40°	0.0	8.4	21.1	36.5	54.6	75.3	99.0	125.0	152.1	183.5	215.7
-42.5°	0.0	8.1	20.0	34.4	51.6	71.2	93.2	117.8	143.4	172.5	202.8
-45°	0.0	7.8	18.8	32.3	48.8	67.0	87.1	110.5	134.8	161.1	189.4
-47.5°	0.0	7.4	17.6	30.1	45.8	62.5	80.7	103.0	126.0	149.4	176.3
-50°	0.0	7.1	16.4	28.2	42.8	57.9	75.0	95.1	116.8	139.0	163.0
-52.5°	0.0	6.7	15.1	26.3	39.7	53.2	69.3	86.8	107.2	128.0	149.5
-55°	0.0	6.3	13.7	24.4	36.5	49.1	63.4	78.3	97.4	116.6	136.7
-57.5°	0.0	5.9	12.4	22.4	33.3	45.1	57.3	71.3	87.2	105.1	123.3
-60°	0.0	5.5	11.0	20.3	30.0	41.1	51.3	64.1	77.3	93.4	109.8
-62.5°	0.0	5.1	10.1	18.2	27.1	36.9	46.5	56.8	69.0	81.5	96.5
-65°	0.0	4.6	9.3	16.0	24.1	32.7	41.6	49.9	60.4	71.4	83.0
-67.5°	0.0	4.2	8.4	13.7	21.1	28.7	36.7	44.2	51.7	61.6	71.4
-70°	0.0	3.8	7.5	11.4	18.0	24.7	31.8	38.4	44.9	51.7	60.4
-72.5°	0.0	3.3	6.6	9.9	14.8	20.7	26.8	32.5	38.1	43.8	49.8
-75°	0.0	2.8	5.7	8.5	11.6	16.6	21.8	26.7	31.1	35.9	40.8
-77.5°	0.0	2.4	4.8	7.1	9.5	12.5	16.8	20.8	24.6	28.1	31.7
-80°	0.0	1.9	3.8	5.7	7.6	9.5	11.6	14.9	18.0	20.9	23.6
-82.5°	0.0	1.4	2.9	4.3	5.7	7.1	8.5	9.9	11.5	13.7	15.9
-85°	0.0	1.0	1.9	2.9	3.8	4.8	5.7	6.6	7.5	8.4	9.3
-87.5°	0.0	0.5	1.0	1.4	1.9	2.4	2.8	3.3	3.8	4.2	4.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-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°	5.1	5.5	5.9	6.3	6.7	7.1	7.4	7.8	8.1	8.4	8.7
85°	10.1	11.0	12.4	13.7	14.9	16.0	17.0	17.9	18.9	19.8	20.7
82.5°	18.0	20.1	22.2	24.2	25.8	27.2	28.7	30.7	33.0	35.2	37.3
80°	26.4	29.3	32.7	36.2	39.4	42.5	45.6	48.7	51.8	55.1	58.3
77.5°	36.0	40.5	45.1	49.7	54.1	59.3	64.5	69.6	74.1	78.2	82.0
75°	46.1	51.7	58.4	65.3	71.9	78.4	84.9	92.0	98.3	103.9	109.2
72.5°	57.1	65.1	73.3	81.4	90.6	99.4	107.9	116.1	123.7	130.7	137.7
70°	69.3	78.6	89.4	100.4	111.0	121.1	131.0	140.2	149.0	158.2	168.1
67.5°	81.7	94.6	107.1	119.5	131.9	143.4	154.2	166.1	177.9	189.5	200.7
65°	96.6	110.7	125.2	139.4	153.0	166.9	180.7	194.3	208.2	221.4	233.7
62.5°	111.3	127.7	143.8	159.5	175.7	191.4	207.6	223.5	238.9	255.0	270.4
60°	127.0	144.9	162.5	180.2	198.3	217.1	235.1	253.8	272.7	290.8	308.3
57.5°	142.4	161.8	181.1	201.2	222.2	243.0	264.3	285.3	306.9	327.6	345.6
55°	157.5	178.4	200.1	223.1	246.2	270.0	293.8	318.3	341.6	359.0	375.4
52.5°	172.6	195.1	220.0	245.0	270.7	297.4	325.1	348.8	368.2	383.0	386.6
50°	187.5	213.2	239.5	266.9	295.4	325.5	352.0	373.4	384.3	388.5	386.3
47.5°	203.1	230.8	259.0	288.6	320.4	349.2	374.2	385.1	390.4	384.7	377.7
45°	218.7	248.3	278.2	310.6	342.4	369.7	383.7	391.5	384.5	377.7	372.9
42.5°	233.6	265.3	298.0	331.5	361.0	380.3	389.2	384.8	378.7	373.6	375.3
40°	248.5	281.7	317.5	349.0	375.6	385.4	383.9	378.4	375.0	377.2	384.7
37.5°	262.7	298.9	335.4	366.0	380.3	384.2	377.7	374.2	376.8	385.4	402.0
35°	276.2	315.4	350.2	375.8	385.3	378.6	373.9	373.3	383.2	400.8	425.4
32.5°	289.9	331.1	364.1	380.1	381.6	374.1	370.6	379.0	394.5	417.8	459.2
30°	303.2	343.2	374.3	384.0	377.3	371.5	373.5	385.7	406.7	445.4	512.4
27.5°	315.4	354.2	377.5	382.2	373.5	368.7	377.8	396.1	426.7	478.4	573.9
25°	326.4	364.1	380.4	378.7	371.0	370.5	382.9	405.5	447.7	531.2	662.1
22.5°	335.6	373.3	383.2	375.4	368.5	373.4	390.8	422.1	478.7	581.0	754.1
20°	343.0	375.5	382.6	372.3	366.1	375.8	397.8	438.5	520.3	659.0	857.8
17.5°	349.8	377.5	380.1	370.2	367.5	379.7	405.2	453.1	557.3	726.0	957.3
15°	355.7	379.3	377.6	368.5	369.3	384.9	417.1	480.7	601.8	789.1	1046.7
12.5°	360.9	380.8	375.3	367.0	370.7	389.2	427.3	505.7	645.6	857.6	1190.0
10°	365.2	382.0	373.1	365.8	371.6	392.6	435.6	525.5	679.3	915.7	1310.3
7.5°	369.2	383.0	371.3	364.8	372.1	395.1	441.9	540.0	703.3	962.4	1400.3
5°	372.1	383.7	370.3	364.3	373.4	397.9	446.5	549.4	718.0	996.4	1460.6
2.5°	374.1	384.1	369.7	364.1	375.2	401.6	450.4	557.4	731.0	1013.2	1503.4
0°	375.0	384.2	369.5	364.0	376.8	404.4	452.2	560.7	737.1	1012.9	1529.4
-2.5°	374.1	384.1	369.7	364.1	375.2	401.6	450.4	557.4	731.0	1013.2	1503.4
-5°	372.1	383.7	370.3	364.3	373.4	397.9	446.5	549.4	718.0	996.4	1460.6
-7.5°	369.2	383.0	371.3	364.8	372.1	395.1	441.9	540.0	703.3	962.4	1400.3
-10°	365.2	382.0	373.1	365.8	371.6	392.6	435.6	525.5	679.3	915.7	1310.3
-12.5°	360.9	380.8	375.3	367.0	370.7	389.2	427.3	505.7	645.6	857.6	1190.0
-15°	355.7	379.3	377.6	368.5	369.3	384.9	417.1	480.7	601.8	789.1	1046.7
-17.5°	349.8	377.5	380.1	370.2	367.5	379.7	405.2	453.1	557.3	726.0	957.3
-20°	343.0	375.5	382.6	372.3	366.1	375.8	397.8	438.5	520.3	659.0	857.8



REPORT NUMBER: P558940 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-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°	335.6	373.3	383.2	375.4	368.5	373.4	390.8	422.1	478.7	581.0	754.1
-25°	326.4	364.1	380.4	378.7	371.0	370.5	382.9	405.5	447.7	531.2	662.1
-27.5°	315.4	354.2	377.5	382.2	373.5	368.7	377.8	396.1	426.7	478.4	573.9
-30°	303.2	343.2	374.3	384.0	377.3	371.5	373.5	385.7	406.7	445.4	512.4
-32.5°	289.9	331.1	364.1	380.1	381.6	374.1	370.6	379.0	394.5	417.8	459.2
-35°	276.2	315.4	350.2	375.8	385.3	378.6	373.9	373.3	383.2	400.8	425.4
-37.5°	262.7	298.9	335.4	366.0	380.3	384.2	377.7	374.2	376.8	385.4	402.0
-40°	248.5	281.7	317.5	349.0	375.6	385.4	383.9	378.4	375.0	377.2	384.7
-42.5°	233.6	265.3	298.0	331.5	361.0	380.3	389.2	384.8	378.7	373.6	375.3
-45°	218.7	248.3	278.2	310.6	342.4	369.7	383.7	391.5	384.5	377.7	372.9
-47.5°	203.1	230.8	259.0	288.6	320.4	349.2	374.2	385.1	390.4	384.7	377.7
-50°	187.5	213.2	239.5	266.9	295.4	325.5	352.0	373.4	384.3	388.5	386.3
-52.5°	172.6	195.1	220.0	245.0	270.7	297.4	325.1	348.8	368.2	383.0	386.6
-55°	157.5	178.4	200.1	223.1	246.2	270.0	293.8	318.3	341.6	359.0	375.4
-57.5°	142.4	161.8	181.1	201.2	222.2	243.0	264.3	285.3	306.9	327.6	345.6
-60°	127.0	144.9	162.5	180.2	198.3	217.1	235.1	253.8	272.7	290.8	308.3
-62.5°	111.3	127.7	143.8	159.5	175.7	191.4	207.6	223.5	238.9	255.0	270.4
-65°	96.6	110.7	125.2	139.4	153.0	166.9	180.7	194.3	208.2	221.4	233.7
-67.5°	81.7	94.6	107.1	119.5	131.9	143.4	154.2	166.1	177.9	189.5	200.7
-70°	69.3	78.6	89.4	100.4	111.0	121.1	131.0	140.2	149.0	158.2	168.1
-72.5°	57.1	65.1	73.3	81.4	90.6	99.4	107.9	116.1	123.7	130.7	137.7
-75°	46.1	51.7	58.4	65.3	71.9	78.4	84.9	92.0	98.3	103.9	109.2
-77.5°	36.0	40.5	45.1	49.7	54.1	59.3	64.5	69.6	74.1	78.2	82.0
-80°	26.4	29.3	32.7	36.2	39.4	42.5	45.6	48.7	51.8	55.1	58.3
-82.5°	18.0	20.1	22.2	24.2	25.8	27.2	28.7	30.7	33.0	35.2	37.3
-85°	10.1	11.0	12.4	13.7	14.9	16.0	17.0	17.9	18.9	19.8	20.7
-87.5°	5.1	5.5	5.9	6.3	6.7	7.1	7.4	7.8	8.1	8.4	8.7
-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: P558940 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-U-MR-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°	9.0	8.9	8.7	8.6	8.3	8.5	8.6	8.8	8.9	9.4	9.9
85°	21.6	22.6	23.6	24.6	25.6	26.3	27.0	27.5	28.0	28.5	28.8
82.5°	39.3	41.4	43.3	45.0	46.5	47.8	49.0	50.0	50.8	51.6	52.2
80°	61.3	64.0	66.4	68.6	70.5	72.1	73.5	74.6	75.5	77.3	79.1
77.5°	85.8	89.6	93.1	96.4	99.3	102.2	104.9	107.3	109.4	111.1	112.3
75°	114.2	119.0	123.9	128.3	132.4	136.6	140.7	144.4	147.8	150.0	151.6
72.5°	144.7	151.3	157.2	162.8	167.9	173.0	178.1	182.6	186.6	189.7	192.2
70°	177.4	185.8	192.8	199.2	205.5	211.9	218.1	223.6	228.2	232.1	235.2
67.5°	211.2	220.9	229.6	238.0	246.4	254.4	261.9	269.0	275.4	280.3	283.6
65°	245.8	258.3	269.7	280.1	289.4	298.3	307.8	316.5	324.4	330.8	335.8
62.5°	284.9	299.0	312.0	323.6	334.0	342.3	351.3	359.5	366.8	373.6	380.4
60°	325.0	340.7	352.1	361.9	370.9	379.0	382.1	385.1	387.5	389.8	392.4
57.5°	359.9	373.4	383.2	385.4	387.4	389.1	388.0	384.9	381.6	378.3	375.7
55°	384.3	388.1	392.4	389.0	383.7	378.6	374.2	371.1	368.2	365.6	363.4
52.5°	390.7	387.0	382.5	377.5	373.8	369.9	366.1	366.7	368.0	368.8	369.3
50°	381.2	376.8	374.4	371.6	372.1	374.0	375.5	379.1	383.7	386.9	389.7
47.5°	373.9	371.0	374.7	379.4	383.7	391.6	398.6	405.5	416.1	424.6	431.3
45°	371.9	378.8	386.0	397.4	407.4	424.8	441.2	454.8	480.2	503.5	521.8
42.5°	382.4	394.4	407.4	429.6	453.5	484.3	523.8	557.2	596.3	632.7	659.1
40°	399.7	417.4	446.8	482.5	538.5	588.3	653.7	709.6	762.2	817.8	859.7
37.5°	424.7	457.6	512.6	576.8	661.8	743.4	833.6	921.0	995.6	1108.5	1196.8
35°	461.7	528.4	606.5	713.8	824.8	949.8	1081.6	1251.4	1401.0	1576.4	1741.3
32.5°	529.2	619.4	741.9	887.1	1034.5	1250.3	1453.9	1729.9	1977.8	2287.2	2620.0
30°	608.2	742.8	907.5	1096.9	1363.9	1660.9	1995.6	2418.8	2921.6	3520.4	4323.9
27.5°	717.1	889.9	1097.0	1404.2	1783.0	2180.8	2774.4	3485.7	4782.1	5912.0	7409.3
25°	834.3	1045.4	1373.0	1785.7	2284.2	3000.6	4161.0	5641.2	7737.9	9742.8	11345.5
22.5°	969.5	1277.9	1691.3	2205.0	3011.8	4398.9	6200.4	8807.3	11145.3	13167.4	14724.6
20°	1119.1	1506.0	2061.6	2846.6	4220.5	6252.0	9144.1	11819.5	14207.5	15948.2	17324.1
17.5°	1312.9	1818.3	2523.2	3606.5	5715.3	8845.7	11827.2	14471.6	16549.3	18078.7	19298.4
15°	1493.9	2105.7	3019.4	4867.7	7745.9	11091.6	14147.7	16506.6	18304.6	19727.8	20824.5
12.5°	1707.5	2428.7	3599.4	5957.2	9613.1	12944.6	15795.3	17998.0	19729.5	21063.6	22533.3
10°	1897.7	2776.1	4430.3	7409.1	11146.5	14400.8	17169.2	19148.8	20885.0	22623.4	24827.4
7.5°	2054.7	3067.8	5111.8	8634.1	12323.7	15478.0	18000.0	19978.0	21891.5	24213.3	27392.2
5°	2179.4	3287.6	5672.4	9558.9	13179.5	16246.8	18634.6	20639.5	22800.9	25906.7	30172.7
2.5°	2262.8	3431.7	6022.9	10117.6	13719.5	16687.8	19104.9	21072.2	23338.3	26854.9	31311.8
0°	2296.0	3498.2	5933.9	10219.0	13752.1	16831.2	19175.0	21233.9	23491.3	27013.4	31520.9
-2.5°	2262.8	3431.7	6022.9	10117.6	13719.5	16687.8	19104.9	21072.2	23338.3	26854.9	31311.8
-5°	2179.4	3287.6	5672.4	9558.9	13179.5	16246.8	18634.6	20639.5	22800.9	25906.7	30172.7
-7.5°	2054.7	3067.8	5111.8	8634.1	12323.7	15478.0	18000.0	19978.0	21891.5	24213.3	27392.2
-10°	1897.7	2776.1	4430.3	7409.1	11146.5	14400.8	17169.2	19148.8	20885.0	22623.4	24827.4
-12.5°	1707.5	2428.7	3599.4	5957.2	9613.1	12944.6	15795.3	17998.0	19729.5	21063.6	22533.3
-15°	1493.9	2105.7	3019.4	4867.7	7745.9	11091.6	14147.7	16506.6	18304.6	19727.8	20824.5
-17.5°	1312.9	1818.3	2523.2	3606.5	5715.3	8845.7	11827.2	14471.6	16549.3	18078.7	19298.4
-20°	1119.1	1506.0	2061.6	2846.6	4220.5	6252.0	9144.1	11819.5	14207.5	15948.2	17324.1



REPORT NUMBER: P558940 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	969.5	1277.9	1691.3	2205.0	3011.8	4398.9	6200.4	8807.3	11145.3	13167.4	14724.6
-25°	834.3	1045.4	1373.0	1785.7	2284.2	3000.6	4161.0	5641.2	7737.9	9742.8	11345.5
-27.5°	717.1	889.9	1097.0	1404.2	1783.0	2180.8	2774.4	3485.7	4782.1	5912.0	7409.3
-30°	608.2	742.8	907.5	1096.9	1363.9	1660.9	1995.6	2418.8	2921.6	3520.4	4323.9
-32.5°	529.2	619.4	741.9	887.1	1034.5	1250.3	1453.9	1729.9	1977.8	2287.2	2620.0
-35°	461.7	528.4	606.5	713.8	824.8	949.8	1081.6	1251.4	1401.0	1576.4	1741.3
-37.5°	424.7	457.6	512.6	576.8	661.8	743.4	833.6	921.0	995.6	1108.5	1196.8
-40°	399.7	417.4	446.8	482.5	538.5	588.3	653.7	709.6	762.2	817.8	859.7
-42.5°	382.4	394.4	407.4	429.6	453.5	484.3	523.8	557.2	596.3	632.7	659.1
-45°	371.9	378.8	386.0	397.4	407.4	424.8	441.2	454.8	480.2	503.5	521.8
-47.5°	373.9	371.0	374.7	379.4	383.7	391.6	398.6	405.5	416.1	424.6	431.3
-50°	381.2	376.8	374.4	371.6	372.1	374.0	375.5	379.1	383.7	386.9	389.7
-52.5°	390.7	387.0	382.5	377.5	373.8	369.9	366.1	366.7	368.0	368.8	369.3
-55°	384.3	388.1	392.4	389.0	383.7	378.6	374.2	371.1	368.2	365.6	363.4
-57.5°	359.9	373.4	383.2	385.4	387.4	389.1	388.0	384.9	381.6	378.3	375.7
-60°	325.0	340.7	352.1	361.9	370.9	379.0	382.1	385.1	387.5	389.8	392.4
-62.5°	284.9	299.0	312.0	323.6	334.0	342.3	351.3	359.5	366.8	373.6	380.4
-65°	245.8	258.3	269.7	280.1	289.4	298.3	307.8	316.5	324.4	330.8	335.8
-67.5°	211.2	220.9	229.6	238.0	246.4	254.4	261.9	269.0	275.4	280.3	283.6
-70°	177.4	185.8	192.8	199.2	205.5	211.9	218.1	223.6	228.2	232.1	235.2
-72.5°	144.7	151.3	157.2	162.8	167.9	173.0	178.1	182.6	186.6	189.7	192.2
-75°	114.2	119.0	123.9	128.3	132.4	136.6	140.7	144.4	147.8	150.0	151.6
-77.5°	85.8	89.6	93.1	96.4	99.3	102.2	104.9	107.3	109.4	111.1	112.3
-80°	61.3	64.0	66.4	68.6	70.5	72.1	73.5	74.6	75.5	77.3	79.1
-82.5°	39.3	41.4	43.3	45.0	46.5	47.8	49.0	50.0	50.8	51.6	52.2
-85°	21.6	22.6	23.6	24.6	25.6	26.3	27.0	27.5	28.0	28.5	28.8
-87.5°	9.0	8.9	8.7	8.6	8.3	8.5	8.6	8.8	8.9	9.4	9.9
-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: P558940 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-927-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°	10.5	11.0	11.0	11.0	11.0	11.0	10.5	9.9	9.4	8.9	8.8
85°	29.1	29.3	30.3	31.3	30.3	29.3	29.1	28.8	28.5	28.0	27.5
82.5°	52.7	53.0	53.2	53.3	53.2	53.0	52.7	52.2	51.6	50.8	50.0
80°	80.7	82.2	81.7	80.9	81.7	82.2	80.7	79.1	77.3	75.5	74.6
77.5°	113.1	113.4	112.9	112.1	112.9	113.4	113.1	112.3	111.1	109.4	107.3
75°	152.8	153.5	154.2	154.4	154.2	153.5	152.8	151.6	150.0	147.8	144.4
72.5°	194.1	195.5	195.6	194.9	195.6	195.5	194.1	192.2	189.7	186.6	182.6
70°	237.7	239.4	240.4	240.8	240.4	239.4	237.7	235.2	232.1	228.2	223.6
67.5°	285.8	287.0	288.2	288.6	288.2	287.0	285.8	283.6	280.3	275.4	269.0
65°	340.0	343.2	344.2	343.8	344.2	343.2	340.0	335.8	330.8	324.4	316.5
62.5°	386.7	392.3	394.6	395.2	394.6	392.3	386.7	380.4	373.6	366.8	359.5
60°	394.7	396.6	397.1	397.1	397.1	396.6	394.7	392.4	389.8	387.5	385.1
57.5°	373.3	371.2	369.9	369.5	369.9	371.2	373.3	375.7	378.3	381.6	384.9
55°	361.4	359.6	358.7	358.5	358.7	359.6	361.4	363.4	365.6	368.2	371.1
52.5°	369.5	369.2	370.0	371.3	370.0	369.2	369.5	369.3	368.8	368.0	366.7
50°	392.0	393.6	395.4	397.1	395.4	393.6	392.0	389.7	386.9	383.7	379.1
47.5°	436.2	438.7	440.3	441.2	440.3	438.7	436.2	431.3	424.6	416.1	405.5
45°	533.7	540.1	543.2	544.1	543.2	540.1	533.7	521.8	503.5	480.2	454.8
42.5°	676.7	686.3	690.4	691.2	690.4	686.3	676.7	659.1	632.7	596.3	557.2
40°	889.8	906.9	915.1	921.0	915.1	906.9	889.8	859.7	817.8	762.2	709.6
37.5°	1262.9	1305.8	1330.1	1351.1	1330.1	1305.8	1262.9	1196.8	1108.5	995.6	921.0
35°	1875.4	1973.7	2031.6	2044.2	2031.6	1973.7	1875.4	1741.3	1576.4	1401.0	1251.4
32.5°	2876.1	3068.9	3184.2	3198.6	3184.2	3068.9	2876.1	2620.0	2287.2	1977.8	1729.9
30°	4947.7	5487.8	5858.0	5807.1	5858.0	5487.8	4947.7	4323.9	3520.4	2921.6	2418.8
27.5°	8635.8	9615.4	10251.7	10198.7	10251.7	9615.4	8635.8	7409.3	5912.0	4782.1	3485.7
25°	12577.7	13479.3	14011.6	14208.0	14011.6	13479.3	12577.7	11345.5	9742.8	7737.9	5641.2
22.5°	15796.6	16602.7	17063.0	17338.6	17063.0	16602.7	15796.6	14724.6	13167.4	11145.3	8807.3
20°	18262.9	18962.0	19358.0	19528.0	19358.0	18962.0	18262.9	17324.1	15948.2	14207.5	11819.5
17.5°	20160.3	20745.5	21193.8	21309.3	21193.8	20745.5	20160.3	19298.4	18078.7	16549.3	14471.6
15°	21838.6	22594.5	23123.2	23320.3	23123.2	22594.5	21838.6	20824.5	19727.8	18304.6	16506.6
12.5°	23955.0	25269.3	25968.1	26129.2	25968.1	25269.3	23955.0	22533.3	21063.6	19729.5	17998.0
10°	27083.1	29103.4	29332.4	29019.0	29332.4	29103.4	27083.1	24827.4	22623.4	20885.0	19148.8
7.5°	31638.8	34332.8	33750.3	32780.1	33750.3	34332.8	31638.8	27392.2	24213.3	21891.5	19978.0
5°	34898.9	38639.3	38755.4	38043.1	38755.4	38639.3	34898.9	30172.7	25906.7	22800.9	20639.5
2.5°	36196.8	40047.2	41963.5	42277.6	41963.5	40047.2	36196.8	31311.8	26854.9	23338.3	21072.2
0°	36294.0	40500.9	42772.9	43337.3	42772.9	40500.9	36294.0	31520.9	27013.4	23491.3	21233.9
-2.5°	36196.8	40047.2	41963.5	42277.6	41963.5	40047.2	36196.8	31311.8	26854.9	23338.3	21072.2
-5°	34898.9	38639.3	38755.4	38043.1	38755.4	38639.3	34898.9	30172.7	25906.7	22800.9	20639.5
-7.5°	31638.8	34332.8	33750.3	32780.1	33750.3	34332.8	31638.8	27392.2	24213.3	21891.5	19978.0
-10°	27083.1	29103.4	29332.4	29019.0	29332.4	29103.4	27083.1	24827.4	22623.4	20885.0	19148.8
-12.5°	23955.0	25269.3	25968.1	26129.2	25968.1	25269.3	23955.0	22533.3	21063.6	19729.5	17998.0
-15°	21838.6	22594.5	23123.2	23320.3	23123.2	22594.5	21838.6	20824.5	19727.8	18304.6	16506.6
-17.5°	20160.3	20745.5	21193.8	21309.3	21193.8	20745.5	20160.3	19298.4	18078.7	16549.3	14471.6
-20°	18262.9	18962.0	19358.0	19528.0	19358.0	18962.0	18262.9	17324.1	15948.2	14207.5	11819.5



REPORT NUMBER: P558940 (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°	15796.6	16602.7	17063.0	17338.6	17063.0	16602.7	15796.6	14724.6	13167.4	11145.3	8807.3
-25°	12577.7	13479.3	14011.6	14208.0	14011.6	13479.3	12577.7	11345.5	9742.8	7737.9	5641.2
-27.5°	8635.8	9615.4	10251.7	10198.7	10251.7	9615.4	8635.8	7409.3	5912.0	4782.1	3485.7
-30°	4947.7	5487.8	5858.0	5807.1	5858.0	5487.8	4947.7	4323.9	3520.4	2921.6	2418.8
-32.5°	2876.1	3068.9	3184.2	3198.6	3184.2	3068.9	2876.1	2620.0	2287.2	1977.8	1729.9
-35°	1875.4	1973.7	2031.6	2044.2	2031.6	1973.7	1875.4	1741.3	1576.4	1401.0	1251.4
-37.5°	1262.9	1305.8	1330.1	1351.1	1330.1	1305.8	1262.9	1196.8	1108.5	995.6	921.0
-40°	889.8	906.9	915.1	921.0	915.1	906.9	889.8	859.7	817.8	762.2	709.6
-42.5°	676.7	686.3	690.4	691.2	690.4	686.3	676.7	659.1	632.7	596.3	557.2
-45°	533.7	540.1	543.2	544.1	543.2	540.1	533.7	521.8	503.5	480.2	454.8
-47.5°	436.2	438.7	440.3	441.2	440.3	438.7	436.2	431.3	424.6	416.1	405.5
-50°	392.0	393.6	395.4	397.1	395.4	393.6	392.0	389.7	386.9	383.7	379.1
-52.5°	369.5	369.2	370.0	371.3	370.0	369.2	369.5	369.3	368.8	368.0	366.7
-55°	361.4	359.6	358.7	358.5	358.7	359.6	361.4	363.4	365.6	368.2	371.1
-57.5°	373.3	371.2	369.9	369.5	369.9	371.2	373.3	375.7	378.3	381.6	384.9
-60°	394.7	396.6	397.1	397.1	397.1	396.6	394.7	392.4	389.8	387.5	385.1
-62.5°	386.7	392.3	394.6	395.2	394.6	392.3	386.7	380.4	373.6	366.8	359.5
-65°	340.0	343.2	344.2	343.8	344.2	343.2	340.0	335.8	330.8	324.4	316.5
-67.5°	285.8	287.0	288.2	288.6	288.2	287.0	285.8	283.6	280.3	275.4	269.0
-70°	237.7	239.4	240.4	240.8	240.4	239.4	237.7	235.2	232.1	228.2	223.6
-72.5°	194.1	195.5	195.6	194.9	195.6	195.5	194.1	192.2	189.7	186.6	182.6
-75°	152.8	153.5	154.2	154.4	154.2	153.5	152.8	151.6	150.0	147.8	144.4
-77.5°	113.1	113.4	112.9	112.1	112.9	113.4	113.1	112.3	111.1	109.4	107.3
-80°	80.7	82.2	81.7	80.9	81.7	82.2	80.7	79.1	77.3	75.5	74.6
-82.5°	52.7	53.0	53.2	53.3	53.2	53.0	52.7	52.2	51.6	50.8	50.0
-85°	29.1	29.3	30.3	31.3	30.3	29.3	29.1	28.8	28.5	28.0	27.5
-87.5°	10.5	11.0	11.0	11.0	11.0	11.0	10.5	9.9	9.4	8.9	8.8
-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: P558940 (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°
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°	8.6	8.5	8.3	8.6	8.7	8.9	9.0	8.7	8.4	8.1	7.8
85°	27.0	26.3	25.6	24.6	23.6	22.6	21.6	20.7	19.8	18.9	17.9
82.5°	49.0	47.8	46.5	45.0	43.3	41.4	39.3	37.3	35.2	33.0	30.7
80°	73.5	72.1	70.5	68.6	66.4	64.0	61.3	58.3	55.1	51.8	48.7
77.5°	104.9	102.2	99.3	96.4	93.1	89.6	85.8	82.0	78.2	74.1	69.6
75°	140.7	136.6	132.4	128.3	123.9	119.0	114.2	109.2	103.9	98.3	92.0
72.5°	178.1	173.0	167.9	162.8	157.2	151.3	144.7	137.7	130.7	123.7	116.1
70°	218.1	211.9	205.5	199.2	192.8	185.8	177.4	168.1	158.2	149.0	140.2
67.5°	261.9	254.4	246.4	238.0	229.6	220.9	211.2	200.7	189.5	177.9	166.1
65°	307.8	298.3	289.4	280.1	269.7	258.3	245.8	233.7	221.4	208.2	194.3
62.5°	351.3	342.3	334.0	323.6	312.0	299.0	284.9	270.4	255.0	238.9	223.5
60°	382.1	379.0	370.9	361.9	352.1	340.7	325.0	308.3	290.8	272.7	253.8
57.5°	388.0	389.1	387.4	385.4	383.2	373.4	359.9	345.6	327.6	306.9	285.3
55°	374.2	378.6	383.7	389.0	392.4	388.1	384.3	375.4	359.0	341.6	318.3
52.5°	366.1	369.9	373.8	377.5	382.5	387.0	390.7	386.6	383.0	368.2	348.8
50°	375.5	374.0	372.1	371.6	374.4	376.8	381.2	386.3	388.5	384.3	373.4
47.5°	398.6	391.6	383.7	379.4	374.7	371.0	373.9	377.7	384.7	390.4	385.1
45°	441.2	424.8	407.4	397.4	386.0	378.8	371.9	372.9	377.7	384.5	391.5
42.5°	523.8	484.3	453.5	429.6	407.4	394.4	382.4	375.3	373.6	378.7	384.8
40°	653.7	588.3	538.5	482.5	446.8	417.4	399.7	384.7	377.2	375.0	378.4
37.5°	833.6	743.4	661.8	576.8	512.6	457.6	424.7	402.0	385.4	376.8	374.2
35°	1081.6	949.8	824.8	713.8	606.5	528.4	461.7	425.4	400.8	383.2	373.3
32.5°	1453.9	1250.3	1034.5	887.1	741.9	619.4	529.2	459.2	417.8	394.5	379.0
30°	1995.6	1660.9	1363.9	1096.9	907.5	742.8	608.2	512.4	445.4	406.7	385.7
27.5°	2774.4	2180.8	1783.0	1404.2	1097.0	889.9	717.1	573.9	478.4	426.7	396.1
25°	4161.0	3000.6	2284.2	1785.7	1373.0	1045.4	834.3	662.1	531.2	447.7	405.5
22.5°	6200.4	4398.9	3011.8	2205.0	1691.3	1277.9	969.5	754.1	581.0	478.7	422.1
20°	9144.1	6252.0	4220.5	2846.6	2061.6	1506.0	1119.1	857.8	659.0	520.3	438.5
17.5°	11827.2	8845.7	5715.3	3606.5	2523.2	1818.3	1312.9	957.3	726.0	557.3	453.1
15°	14147.7	11091.6	7745.9	4867.7	3019.4	2105.7	1493.9	1046.7	789.1	601.8	480.7
12.5°	15795.3	12944.6	9613.1	5957.2	3599.4	2428.7	1707.5	1190.0	857.6	645.6	505.7
10°	17169.2	14400.8	11146.5	7409.1	4430.3	2776.1	1897.7	1310.3	915.7	679.3	525.5
7.5°	18000.0	15478.0	12323.7	8634.1	5111.8	3067.8	2054.7	1400.3	962.4	703.3	540.0
5°	18634.6	16246.8	13179.5	9558.9	5672.4	3287.6	2179.4	1460.6	996.4	718.0	549.4
2.5°	19104.9	16687.8	13719.5	10117.6	6022.9	3431.7	2262.8	1503.4	1013.2	731.0	557.4
0°	19175.0	16831.2	13752.1	10219.0	5933.9	3498.2	2296.0	1529.4	1012.9	737.1	560.7
-2.5°	19104.9	16687.8	13719.5	10117.6	6022.9	3431.7	2262.8	1503.4	1013.2	731.0	557.4
-5°	18634.6	16246.8	13179.5	9558.9	5672.4	3287.6	2179.4	1460.6	996.4	718.0	549.4
-7.5°	18000.0	15478.0	12323.7	8634.1	5111.8	3067.8	2054.7	1400.3	962.4	703.3	540.0
-10°	17169.2	14400.8	11146.5	7409.1	4430.3	2776.1	1897.7	1310.3	915.7	679.3	525.5
-12.5°	15795.3	12944.6	9613.1	5957.2	3599.4	2428.7	1707.5	1190.0	857.6	645.6	505.7
-15°	14147.7	11091.6	7745.9	4867.7	3019.4	2105.7	1493.9	1046.7	789.1	601.8	480.7
-17.5°	11827.2	8845.7	5715.3	3606.5	2523.2	1818.3	1312.9	957.3	726.0	557.3	453.1
-20°	9144.1	6252.0	4220.5	2846.6	2061.6	1506.0	1119.1	857.8	659.0	520.3	438.5



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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°	6200.4	4398.9	3011.8	2205.0	1691.3	1277.9	969.5	754.1	581.0	478.7	422.1
-25°	4161.0	3000.6	2284.2	1785.7	1373.0	1045.4	834.3	662.1	531.2	447.7	405.5
-27.5°	2774.4	2180.8	1783.0	1404.2	1097.0	889.9	717.1	573.9	478.4	426.7	396.1
-30°	1995.6	1660.9	1363.9	1096.9	907.5	742.8	608.2	512.4	445.4	406.7	385.7
-32.5°	1453.9	1250.3	1034.5	887.1	741.9	619.4	529.2	459.2	417.8	394.5	379.0
-35°	1081.6	949.8	824.8	713.8	606.5	528.4	461.7	425.4	400.8	383.2	373.3
-37.5°	833.6	743.4	661.8	576.8	512.6	457.6	424.7	402.0	385.4	376.8	374.2
-40°	653.7	588.3	538.5	482.5	446.8	417.4	399.7	384.7	377.2	375.0	378.4
-42.5°	523.8	484.3	453.5	429.6	407.4	394.4	382.4	375.3	373.6	378.7	384.8
-45°	441.2	424.8	407.4	397.4	386.0	378.8	371.9	372.9	377.7	384.5	391.5
-47.5°	398.6	391.6	383.7	379.4	374.7	371.0	373.9	377.7	384.7	390.4	385.1
-50°	375.5	374.0	372.1	371.6	374.4	376.8	381.2	386.3	388.5	384.3	373.4
-52.5°	366.1	369.9	373.8	377.5	382.5	387.0	390.7	386.6	383.0	368.2	348.8
-55°	374.2	378.6	383.7	389.0	392.4	388.1	384.3	375.4	359.0	341.6	318.3
-57.5°	388.0	389.1	387.4	385.4	383.2	373.4	359.9	345.6	327.6	306.9	285.3
-60°	382.1	379.0	370.9	361.9	352.1	340.7	325.0	308.3	290.8	272.7	253.8
-62.5°	351.3	342.3	334.0	323.6	312.0	299.0	284.9	270.4	255.0	238.9	223.5
-65°	307.8	298.3	289.4	280.1	269.7	258.3	245.8	233.7	221.4	208.2	194.3
-67.5°	261.9	254.4	246.4	238.0	229.6	220.9	211.2	200.7	189.5	177.9	166.1
-70°	218.1	211.9	205.5	199.2	192.8	185.8	177.4	168.1	158.2	149.0	140.2
-72.5°	178.1	173.0	167.9	162.8	157.2	151.3	144.7	137.7	130.7	123.7	116.1
-75°	140.7	136.6	132.4	128.3	123.9	119.0	114.2	109.2	103.9	98.3	92.0
-77.5°	104.9	102.2	99.3	96.4	93.1	89.6	85.8	82.0	78.2	74.1	69.6
-80°	73.5	72.1	70.5	68.6	66.4	64.0	61.3	58.3	55.1	51.8	48.7
-82.5°	49.0	47.8	46.5	45.0	43.3	41.4	39.3	37.3	35.2	33.0	30.7
-85°	27.0	26.3	25.6	24.6	23.6	22.6	21.6	20.7	19.8	18.9	17.9
-87.5°	8.6	8.5	8.3	8.6	8.7	8.9	9.0	8.7	8.4	8.1	7.8
-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: P558940 (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°	7.4	7.1	6.7	6.3	5.9	5.5	5.1	4.6	4.2	3.8	3.3
85°	17.0	16.0	14.9	13.7	12.4	11.0	10.1	9.3	8.4	7.5	6.6
82.5°	28.7	27.2	25.8	24.2	22.2	20.1	18.0	15.9	13.7	11.5	9.9
80°	45.6	42.5	39.4	36.2	32.7	29.3	26.4	23.6	20.9	18.0	14.9
77.5°	64.5	59.3	54.1	49.7	45.1	40.5	36.0	31.7	28.1	24.6	20.8
75°	84.9	78.4	71.9	65.3	58.4	51.7	46.1	40.8	35.9	31.1	26.7
72.5°	107.9	99.4	90.6	81.4	73.3	65.1	57.1	49.8	43.8	38.1	32.5
70°	131.0	121.1	111.0	100.4	89.4	78.6	69.3	60.4	51.7	44.9	38.4
67.5°	154.2	143.4	131.9	119.5	107.1	94.6	81.7	71.4	61.6	51.7	44.2
65°	180.7	166.9	153.0	139.4	125.2	110.7	96.6	83.0	71.4	60.4	49.9
62.5°	207.6	191.4	175.7	159.5	143.8	127.7	111.3	96.5	81.5	69.0	56.8
60°	235.1	217.1	198.3	180.2	162.5	144.9	127.0	109.8	93.4	77.3	64.1
57.5°	264.3	243.0	222.2	201.2	181.1	161.8	142.4	123.3	105.1	87.2	71.3
55°	293.8	270.0	246.2	223.1	200.1	178.4	157.5	136.7	116.6	97.4	78.3
52.5°	325.1	297.4	270.7	245.0	220.0	195.1	172.6	149.5	128.0	107.2	86.8
50°	352.0	325.5	295.4	266.9	239.5	213.2	187.5	163.0	139.0	116.8	95.1
47.5°	374.2	349.2	320.4	288.6	259.0	230.8	203.1	176.3	149.4	126.0	103.0
45°	383.7	369.7	342.4	310.6	278.2	248.3	218.7	189.4	161.1	134.8	110.5
42.5°	389.2	380.3	361.0	331.5	298.0	265.3	233.6	202.8	172.5	143.4	117.8
40°	383.9	385.4	375.6	349.0	317.5	281.7	248.5	215.7	183.5	152.1	125.0
37.5°	377.7	384.2	380.3	366.0	335.4	298.9	262.7	228.1	194.1	161.3	131.8
35°	373.9	378.6	385.3	375.8	350.2	315.4	276.2	240.0	204.5	170.1	138.3
32.5°	370.6	374.1	381.6	380.1	364.1	331.1	289.9	251.3	214.2	178.2	144.5
30°	373.5	371.5	377.3	384.0	374.3	343.2	303.2	262.0	223.3	185.8	150.5
27.5°	377.8	368.7	373.5	382.2	377.5	354.2	315.4	271.9	231.8	193.0	156.6
25°	382.9	370.5	371.0	378.7	380.4	364.1	326.4	281.0	239.8	199.9	162.2
22.5°	390.8	373.4	368.5	375.4	383.2	373.3	335.6	290.1	247.2	206.1	167.3
20°	397.8	375.8	366.1	372.3	382.6	375.5	343.0	298.3	253.8	211.7	171.9
17.5°	405.2	379.7	367.5	370.2	380.1	377.5	349.8	305.5	259.7	216.7	175.9
15°	417.1	384.9	369.3	368.5	377.6	379.3	355.7	311.6	264.8	221.0	179.4
12.5°	427.3	389.2	370.7	367.0	375.3	380.8	360.9	316.8	269.1	224.6	182.4
10°	435.6	392.6	371.6	365.8	373.1	382.0	365.2	321.4	273.0	227.4	184.9
7.5°	441.9	395.1	372.1	364.8	371.3	383.0	369.2	326.1	276.3	229.5	186.8
5°	446.5	397.9	373.4	364.3	370.3	383.7	372.1	329.9	278.8	230.9	188.2
2.5°	450.4	401.6	375.2	364.1	369.7	384.1	374.1	332.8	280.5	231.6	189.0
0°	452.2	404.4	376.8	364.0	369.5	384.2	375.0	334.6	281.3	231.6	189.3
-2.5°	450.4	401.6	375.2	364.1	369.7	384.1	374.1	332.8	280.5	231.6	189.0
-5°	446.5	397.9	373.4	364.3	370.3	383.7	372.1	329.9	278.8	230.9	188.2
-7.5°	441.9	395.1	372.1	364.8	371.3	383.0	369.2	326.1	276.3	229.5	186.8
-10°	435.6	392.6	371.6	365.8	373.1	382.0	365.2	321.4	273.0	227.4	184.9
-12.5°	427.3	389.2	370.7	367.0	375.3	380.8	360.9	316.8	269.1	224.6	182.4
-15°	417.1	384.9	369.3	368.5	377.6	379.3	355.7	311.6	264.8	221.0	179.4
-17.5°	405.2	379.7	367.5	370.2	380.1	377.5	349.8	305.5	259.7	216.7	175.9
-20°	397.8	375.8	366.1	372.3	382.6	375.5	343.0	298.3	253.8	211.7	171.9



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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°	390.8	373.4	368.5	375.4	383.2	373.3	335.6	290.1	247.2	206.1	167.3
-25°	382.9	370.5	371.0	378.7	380.4	364.1	326.4	281.0	239.8	199.9	162.2
-27.5°	377.8	368.7	373.5	382.2	377.5	354.2	315.4	271.9	231.8	193.0	156.6
-30°	373.5	371.5	377.3	384.0	374.3	343.2	303.2	262.0	223.3	185.8	150.5
-32.5°	370.6	374.1	381.6	380.1	364.1	331.1	289.9	251.3	214.2	178.2	144.5
-35°	373.9	378.6	385.3	375.8	350.2	315.4	276.2	240.0	204.5	170.1	138.3
-37.5°	377.7	384.2	380.3	366.0	335.4	298.9	262.7	228.1	194.1	161.3	131.8
-40°	383.9	385.4	375.6	349.0	317.5	281.7	248.5	215.7	183.5	152.1	125.0
-42.5°	389.2	380.3	361.0	331.5	298.0	265.3	233.6	202.8	172.5	143.4	117.8
-45°	383.7	369.7	342.4	310.6	278.2	248.3	218.7	189.4	161.1	134.8	110.5
-47.5°	374.2	349.2	320.4	288.6	259.0	230.8	203.1	176.3	149.4	126.0	103.0
-50°	352.0	325.5	295.4	266.9	239.5	213.2	187.5	163.0	139.0	116.8	95.1
-52.5°	325.1	297.4	270.7	245.0	220.0	195.1	172.6	149.5	128.0	107.2	86.8
-55°	293.8	270.0	246.2	223.1	200.1	178.4	157.5	136.7	116.6	97.4	78.3
-57.5°	264.3	243.0	222.2	201.2	181.1	161.8	142.4	123.3	105.1	87.2	71.3
-60°	235.1	217.1	198.3	180.2	162.5	144.9	127.0	109.8	93.4	77.3	64.1
-62.5°	207.6	191.4	175.7	159.5	143.8	127.7	111.3	96.5	81.5	69.0	56.8
-65°	180.7	166.9	153.0	139.4	125.2	110.7	96.6	83.0	71.4	60.4	49.9
-67.5°	154.2	143.4	131.9	119.5	107.1	94.6	81.7	71.4	61.6	51.7	44.2
-70°	131.0	121.1	111.0	100.4	89.4	78.6	69.3	60.4	51.7	44.9	38.4
-72.5°	107.9	99.4	90.6	81.4	73.3	65.1	57.1	49.8	43.8	38.1	32.5
-75°	84.9	78.4	71.9	65.3	58.4	51.7	46.1	40.8	35.9	31.1	26.7
-77.5°	64.5	59.3	54.1	49.7	45.1	40.5	36.0	31.7	28.1	24.6	20.8
-80°	45.6	42.5	39.4	36.2	32.7	29.3	26.4	23.6	20.9	18.0	14.9
-82.5°	28.7	27.2	25.8	24.2	22.2	20.1	18.0	15.9	13.7	11.5	9.9
-85°	17.0	16.0	14.9	13.7	12.4	11.0	10.1	9.3	8.4	7.5	6.6
-87.5°	7.4	7.1	6.7	6.3	5.9	5.5	5.1	4.6	4.2	3.8	3.3
-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):

	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°	2.8	2.4	1.9	1.4	1.0	0.5	0.0
85°	5.7	4.8	3.8	2.9	1.9	1.0	0.0
82.5°	8.5	7.1	5.7	4.3	2.9	1.4	0.0
80°	11.6	9.5	7.6	5.7	3.8	1.9	0.0
77.5°	16.8	12.5	9.5	7.1	4.8	2.4	0.0
75°	21.8	16.6	11.6	8.5	5.7	2.8	0.0
72.5°	26.8	20.7	14.8	9.9	6.6	3.3	0.0
70°	31.8	24.7	18.0	11.4	7.5	3.8	0.0
67.5°	36.7	28.7	21.1	13.7	8.4	4.2	0.0
65°	41.6	32.7	24.1	16.0	9.3	4.6	0.0
62.5°	46.5	36.9	27.1	18.2	10.1	5.1	0.0
60°	51.3	41.1	30.0	20.3	11.0	5.5	0.0
57.5°	57.3	45.1	33.3	22.4	12.4	5.9	0.0
55°	63.4	49.1	36.5	24.4	13.7	6.3	0.0
52.5°	69.3	53.2	39.7	26.3	15.1	6.7	0.0
50°	75.0	57.9	42.8	28.2	16.4	7.1	0.0
47.5°	80.7	62.5	45.8	30.1	17.6	7.4	0.0
45°	87.1	67.0	48.8	32.3	18.8	7.8	0.0
42.5°	93.2	71.2	51.6	34.4	20.0	8.1	0.0
40°	99.0	75.3	54.6	36.5	21.1	8.4	0.0
37.5°	104.4	79.1	57.7	38.5	22.2	8.7	0.0
35°	109.4	83.2	60.6	40.3	23.2	9.0	0.0
32.5°	114.3	87.2	63.4	42.0	24.2	9.3	0.0
30°	119.2	90.8	66.0	43.6	25.2	9.5	0.0
27.5°	123.7	94.2	68.2	45.0	26.0	9.8	0.0
25°	128.0	97.3	70.2	46.3	26.8	10.0	0.0
22.5°	131.8	100.0	72.0	47.4	27.6	10.2	0.0
20°	135.3	102.3	73.6	48.4	28.3	10.3	0.0
17.5°	138.4	104.3	75.0	49.3	28.9	10.5	0.0
15°	141.1	106.1	76.2	50.0	29.5	10.6	0.0
12.5°	143.5	107.5	77.2	50.6	29.9	10.7	0.0
10°	145.4	108.7	78.0	51.0	30.4	10.8	0.0
7.5°	146.9	109.5	78.5	51.3	30.7	10.9	0.0
5°	148.0	110.1	78.9	51.5	31.0	11.0	0.0
2.5°	148.7	110.3	79.1	51.6	31.2	11.0	0.0
0°	148.9	110.3	79.0	51.5	31.3	11.0	0.0
-2.5°	148.7	110.3	79.1	51.6	31.2	11.0	0.0
-5°	148.0	110.1	78.9	51.5	31.0	11.0	0.0
-7.5°	146.9	109.5	78.5	51.3	30.7	10.9	0.0
-10°	145.4	108.7	78.0	51.0	30.4	10.8	0.0
-12.5°	143.5	107.5	77.2	50.6	29.9	10.7	0.0
-15°	141.1	106.1	76.2	50.0	29.5	10.6	0.0
-17.5°	138.4	104.3	75.0	49.3	28.9	10.5	0.0
-20°	135.3	102.3	73.6	48.4	28.3	10.3	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	131.8	100.0	72.0	47.4	27.6	10.2	0.0
-25°	128.0	97.3	70.2	46.3	26.8	10.0	0.0
-27.5°	123.7	94.2	68.2	45.0	26.0	9.8	0.0
-30°	119.2	90.8	66.0	43.6	25.2	9.5	0.0
-32.5°	114.3	87.2	63.4	42.0	24.2	9.3	0.0
-35°	109.4	83.2	60.6	40.3	23.2	9.0	0.0
-37.5°	104.4	79.1	57.7	38.5	22.2	8.7	0.0
-40°	99.0	75.3	54.6	36.5	21.1	8.4	0.0
-42.5°	93.2	71.2	51.6	34.4	20.0	8.1	0.0
-45°	87.1	67.0	48.8	32.3	18.8	7.8	0.0
-47.5°	80.7	62.5	45.8	30.1	17.6	7.4	0.0
-50°	75.0	57.9	42.8	28.2	16.4	7.1	0.0
-52.5°	69.3	53.2	39.7	26.3	15.1	6.7	0.0
-55°	63.4	49.1	36.5	24.4	13.7	6.3	0.0
-57.5°	57.3	45.1	33.3	22.4	12.4	5.9	0.0
-60°	51.3	41.1	30.0	20.3	11.0	5.5	0.0
-62.5°	46.5	36.9	27.1	18.2	10.1	5.1	0.0
-65°	41.6	32.7	24.1	16.0	9.3	4.6	0.0
-67.5°	36.7	28.7	21.1	13.7	8.4	4.2	0.0
-70°	31.8	24.7	18.0	11.4	7.5	3.8	0.0
-72.5°	26.8	20.7	14.8	9.9	6.6	3.3	0.0
-75°	21.8	16.6	11.6	8.5	5.7	2.8	0.0
-77.5°	16.8	12.5	9.5	7.1	4.8	2.4	0.0
-80°	11.6	9.5	7.6	5.7	3.8	1.9	0.0
-82.5°	8.5	7.1	5.7	4.3	2.9	1.4	0.0
-85°	5.7	4.8	3.8	2.9	1.9	1.0	0.0
-87.5°	2.8	2.4	1.9	1.4	1.0	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)