

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: P558629 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-930-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558629 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA2B-930-U-MWR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (32) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

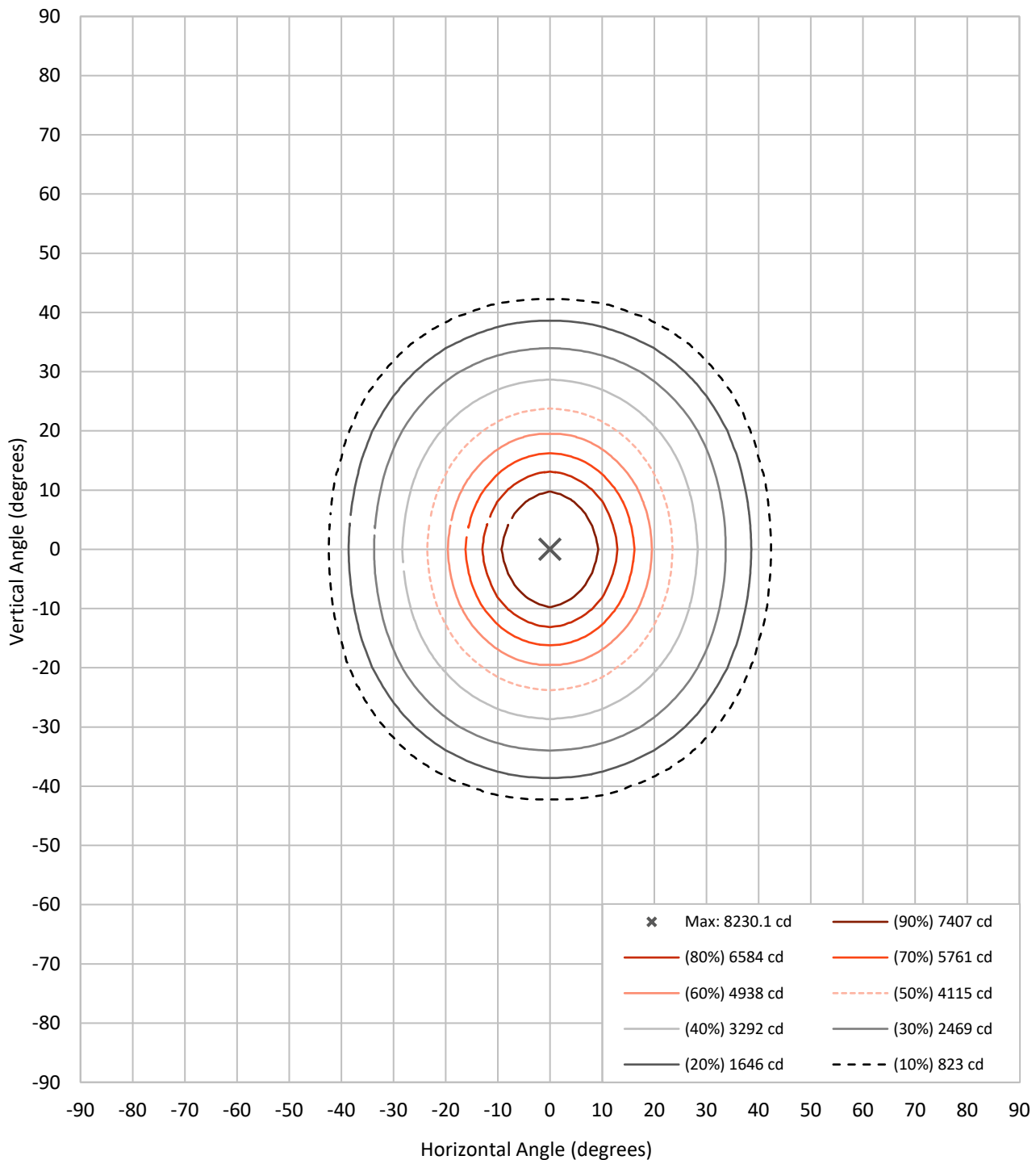
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	6406.6 lumens	Max Intensity:	8230.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	101.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	3023.1 lumens	Field Lumens:	5817.2 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 63
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: P558629 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





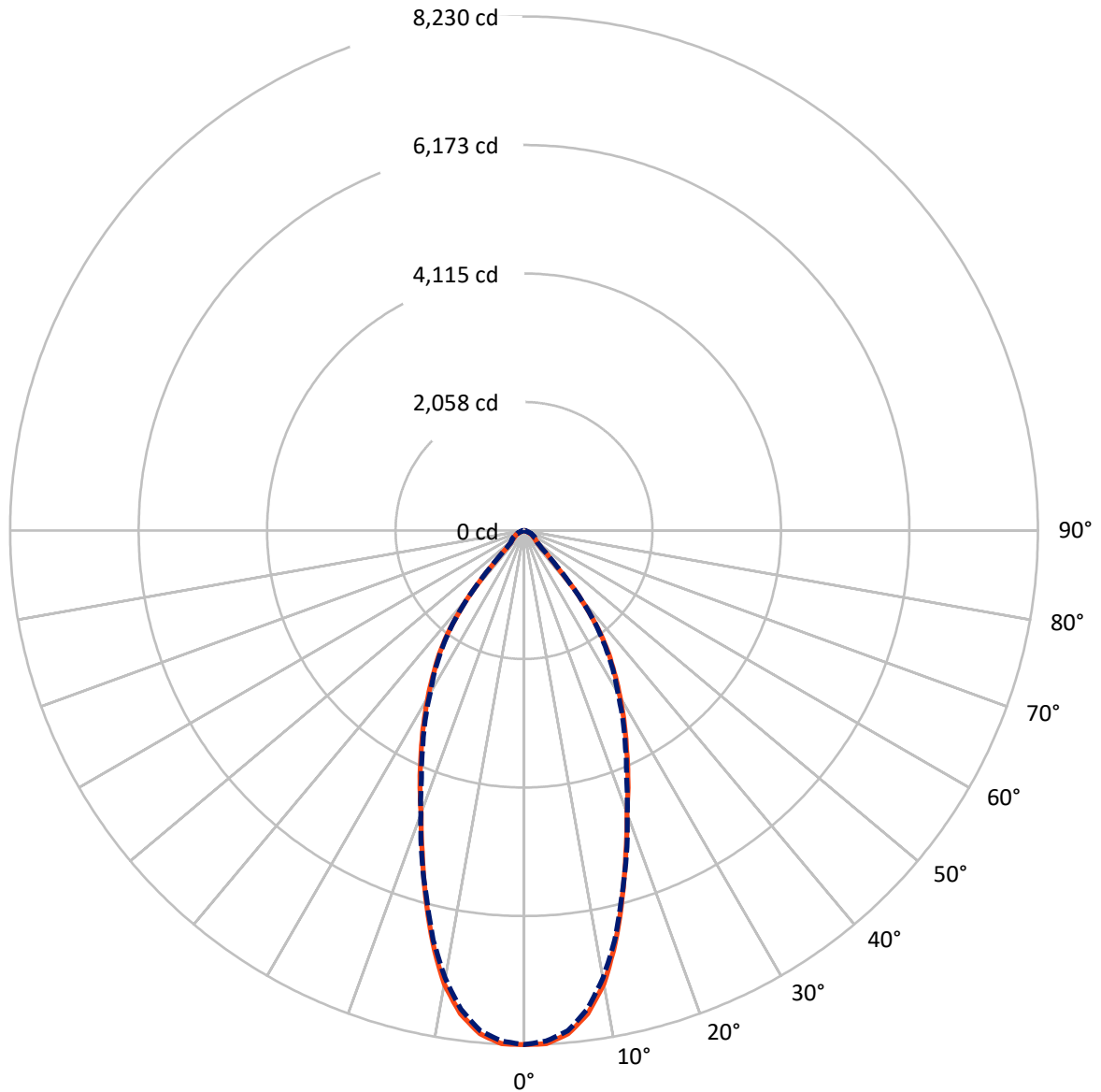
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Lumen Table

90	0.1	0.8	1.8	2.9	2.2	2.9	1.8	0.8	0.1							
80	0.1	0.8	1.8	2.9	2.2	2.9	1.8	0.8	0.1							
70	0.4	0.5	0.9	1.5	2.0	2.6	2.9	3.2	3.2	2.9	2.6	2.0	1.5	0.9	0.5	0.4
60		0.8	1.5	2.6	3.7	4.6	5.3	5.8	5.8	5.3	4.6	3.7	2.6	1.5	0.8	
50	0.7	1.0	2.1	3.6	5.2	7.2	11.4	15.9	15.9	11.4	7.2	5.2	3.6	2.1	1.0	0.7
40		1.2	2.7	4.5	8.4	27.0	52.6	67.0	67.0	52.6	27.0	8.4	4.5	2.7	1.2	
30	0.8	1.4	3.1	5.6	24.7	64.5	95.2	115.2	115.2	95.2	64.5	24.7	5.6	3.1	1.4	0.8
20		1.6	3.5	8.6	44.9	89.0	135.3	176.1	176.1	135.3	89.0	44.9	8.6	3.5	1.6	
10	0.8	1.7	3.8	11.9	54.7	103.9	170.1	230.1	230.1	170.1	103.9	54.7	11.9	3.8	1.7	0.8
0		1.7	3.8	11.9	54.7	103.9	170.1	230.1	230.1	170.1	103.9	54.7	11.9	3.8	1.7	
-10	0.8	1.6	3.5	8.6	44.9	89.0	135.3	176.1	176.1	135.3	89.0	44.9	8.6	3.5	1.6	0.8
-20		1.4	3.1	5.6	24.7	64.5	95.2	115.2	115.2	95.2	64.5	24.7	5.6	3.1	1.4	
-30	0.7	1.2	2.7	4.5	8.4	27.0	52.6	67.0	67.0	52.6	27.0	8.4	4.5	2.7	1.2	0.7
-40		1.0	2.1	3.6	5.2	7.2	11.4	15.9	15.9	11.4	7.2	5.2	3.6	2.1	1.0	
-50	0.4	0.8	1.5	2.6	3.7	4.6	5.3	5.8	5.8	5.3	4.6	3.7	2.6	1.5	0.8	0.4
-60		0.5	0.9	1.5	2.0	2.6	2.9	3.2	3.2	2.9	2.6	2.0	1.5	0.9	0.5	
-70	0.1	0.8	1.8	2.9	2.2	2.9	1.8	0.8	0.1							
-80		0.1	0.8	1.8	2.9	2.2	2.9	1.8	0.8	0.1						
-90	0.1	0.8	1.8	2.9	2.2	2.9	1.8	0.8	0.1							

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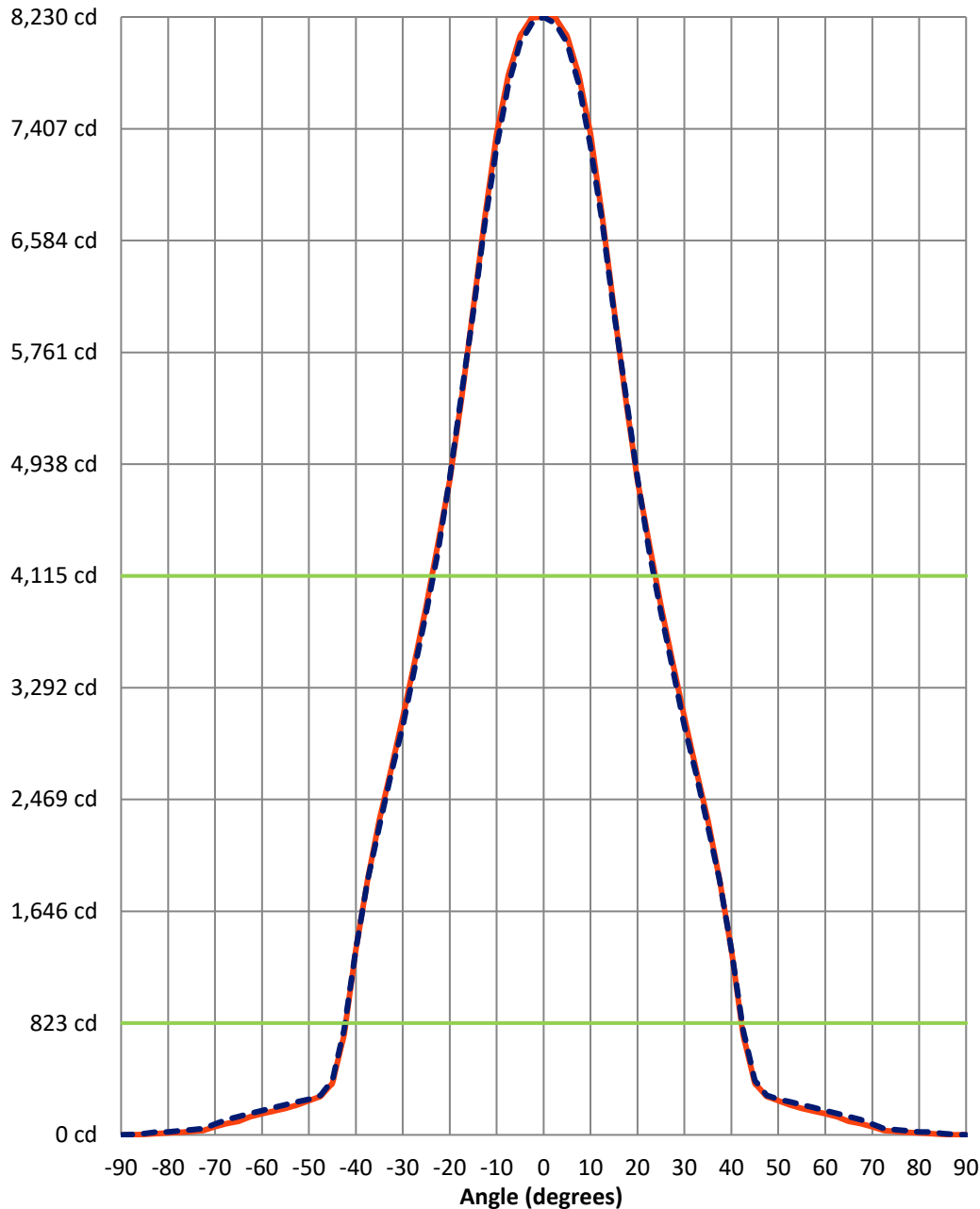
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 47°
 V Angle: 47.6°
 Lumens: 3023.1
 Efficiency: 47.2%

Field:
 H Angle: 84.6°
 V Angle: 84.3°
 Lumens: 5817.2
 Efficiency: 90.8%

Spill:
 Lumens: 589.4
 Efficiency: 9.2%

— 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	0.1	0.3	0.4	0.6	0.9	1.1	1.2	1.4	1.5	1.6
85°	0.0	0.3	0.5	0.9	1.3	1.7	2.2	2.5	2.7	2.9	3.1
82.5°	0.0	0.4	0.8	1.3	1.9	2.6	3.3	3.7	4.2	5.1	5.7
80°	0.0	0.5	1.1	1.8	2.5	3.4	4.6	6.1	7.3	8.2	8.8
77.5°	0.0	0.7	1.3	2.2	3.2	4.7	7.2	9.0	10.4	11.4	12.3
75°	0.0	0.8	1.6	2.6	3.9	6.7	9.8	12.0	13.5	15.3	16.6
72.5°	0.0	0.9	1.9	3.0	5.4	8.6	12.3	15.1	17.5	19.4	20.9
70°	0.0	1.1	2.1	3.5	6.8	10.5	14.8	18.8	21.5	23.7	27.1
67.5°	0.0	1.2	2.4	4.5	8.2	12.4	17.8	22.5	25.5	29.0	33.5
65°	0.0	1.3	2.6	5.4	9.5	14.4	20.6	26.1	29.6	34.1	39.5
62.5°	0.0	1.4	2.9	6.3	10.8	16.5	23.3	29.5	33.6	39.0	45.0
60°	0.0	1.5	3.1	7.2	12.0	18.5	25.8	32.5	37.4	44.0	50.5
57.5°	0.0	1.7	3.6	8.0	13.4	20.4	27.6	35.2	41.6	48.9	55.3
55°	0.0	1.8	4.2	8.8	14.8	22.1	29.0	37.2	45.9	53.5	59.7
52.5°	0.0	1.9	4.7	9.6	16.0	23.7	30.3	39.8	50.1	57.4	64.1
50°	0.0	2.0	5.2	10.3	17.2	24.4	31.3	42.3	54.0	61.3	68.9
47.5°	0.0	2.1	5.6	10.9	18.3	25.0	32.3	44.5	57.4	65.0	73.6
45°	0.0	2.2	6.1	11.7	19.3	25.5	33.8	46.4	59.1	69.1	78.1
42.5°	0.0	2.3	6.5	12.4	20.2	25.8	35.2	47.7	60.4	73.0	82.7
40°	0.0	2.4	6.9	13.1	20.7	25.9	36.2	48.6	61.6	76.4	87.1
37.5°	0.0	2.5	7.3	13.8	20.7	25.9	37.1	49.2	62.8	78.1	91.4
35°	0.0	2.5	7.7	14.5	20.7	26.2	37.7	49.5	63.9	80.6	95.5
32.5°	0.0	2.6	8.0	15.2	20.6	26.6	38.0	49.6	64.7	83.6	99.2
30°	0.0	2.7	8.3	15.9	20.4	26.9	38.0	49.6	65.4	87.1	102.9
27.5°	0.0	2.7	8.6	16.5	20.6	26.9	37.7	49.9	66.7	91.1	106.5
25°	0.0	2.8	8.8	17.1	20.8	26.9	37.3	50.1	69.3	94.4	110.1
22.5°	0.0	2.9	9.1	17.7	21.0	26.9	36.7	50.0	72.1	97.1	114.4
20°	0.0	2.9	9.3	18.3	21.2	27.6	35.9	49.7	75.0	99.7	118.3
17.5°	0.0	3.0	9.4	18.8	21.3	28.3	36.0	49.3	77.8	102.1	121.9
15°	0.0	3.0	9.6	19.3	21.4	28.8	36.5	49.1	80.5	104.2	125.0
12.5°	0.0	3.0	9.7	19.7	21.5	29.3	37.0	49.3	82.3	106.2	127.6
10°	0.0	3.1	9.8	20.0	21.5	29.6	37.3	49.2	83.1	107.8	129.9
7.5°	0.0	3.1	9.9	20.4	21.6	29.9	37.5	48.8	83.2	109.3	131.8
5°	0.0	3.1	9.9	20.6	21.6	30.1	37.7	48.2	82.6	110.7	133.2
2.5°	0.0	3.1	9.9	20.9	21.6	30.3	37.7	47.3	81.4	111.8	134.2
0°	0.0	3.1	9.9	21.0	21.6	30.3	37.7	46.3	79.7	112.5	134.7
-2.5°	0.0	3.1	9.9	20.9	21.6	30.3	37.7	47.3	81.4	111.8	134.2
-5°	0.0	3.1	9.9	20.6	21.6	30.1	37.7	48.2	82.6	110.7	133.2
-7.5°	0.0	3.1	9.9	20.4	21.6	29.9	37.5	48.8	83.2	109.3	131.8
-10°	0.0	3.1	9.8	20.0	21.5	29.6	37.3	49.2	83.1	107.8	129.9
-12.5°	0.0	3.0	9.7	19.7	21.5	29.3	37.0	49.3	82.3	106.2	127.6
-15°	0.0	3.0	9.6	19.3	21.4	28.8	36.5	49.1	80.5	104.2	125.0
-17.5°	0.0	3.0	9.4	18.8	21.3	28.3	36.0	49.3	77.8	102.1	121.9
-20°	0.0	2.9	9.3	18.3	21.2	27.6	35.9	49.7	75.0	99.7	118.3



REPORT NUMBER: P558629 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.9	9.1	17.7	21.0	26.9	36.7	50.0	72.1	97.1	114.4
-25°	0.0	2.8	8.8	17.1	20.8	26.9	37.3	50.1	69.3	94.4	110.1
-27.5°	0.0	2.7	8.6	16.5	20.6	26.9	37.7	49.9	66.7	91.1	106.5
-30°	0.0	2.7	8.3	15.9	20.4	26.9	38.0	49.6	65.4	87.1	102.9
-32.5°	0.0	2.6	8.0	15.2	20.6	26.6	38.0	49.6	64.7	83.6	99.2
-35°	0.0	2.5	7.7	14.5	20.7	26.2	37.7	49.5	63.9	80.6	95.5
-37.5°	0.0	2.5	7.3	13.8	20.7	25.9	37.1	49.2	62.8	78.1	91.4
-40°	0.0	2.4	6.9	13.1	20.7	25.9	36.2	48.6	61.6	76.4	87.1
-42.5°	0.0	2.3	6.5	12.4	20.2	25.8	35.2	47.7	60.4	73.0	82.7
-45°	0.0	2.2	6.1	11.7	19.3	25.5	33.8	46.4	59.1	69.1	78.1
-47.5°	0.0	2.1	5.6	10.9	18.3	25.0	32.3	44.5	57.4	65.0	73.6
-50°	0.0	2.0	5.2	10.3	17.2	24.4	31.3	42.3	54.0	61.3	68.9
-52.5°	0.0	1.9	4.7	9.6	16.0	23.7	30.3	39.8	50.1	57.4	64.1
-55°	0.0	1.8	4.2	8.8	14.8	22.1	29.0	37.2	45.9	53.5	59.7
-57.5°	0.0	1.7	3.6	8.0	13.4	20.4	27.6	35.2	41.6	48.9	55.3
-60°	0.0	1.5	3.1	7.2	12.0	18.5	25.8	32.5	37.4	44.0	50.5
-62.5°	0.0	1.4	2.9	6.3	10.8	16.5	23.3	29.5	33.6	39.0	45.0
-65°	0.0	1.3	2.6	5.4	9.5	14.4	20.6	26.1	29.6	34.1	39.5
-67.5°	0.0	1.2	2.4	4.5	8.2	12.4	17.8	22.5	25.5	29.0	33.5
-70°	0.0	1.1	2.1	3.5	6.8	10.5	14.8	18.8	21.5	23.7	27.1
-72.5°	0.0	0.9	1.9	3.0	5.4	8.6	12.3	15.1	17.5	19.4	20.9
-75°	0.0	0.8	1.6	2.6	3.9	6.7	9.8	12.0	13.5	15.3	16.6
-77.5°	0.0	0.7	1.3	2.2	3.2	4.7	7.2	9.0	10.4	11.4	12.3
-80°	0.0	0.5	1.1	1.8	2.5	3.4	4.6	6.1	7.3	8.2	8.8
-82.5°	0.0	0.4	0.8	1.3	1.9	2.6	3.3	3.7	4.2	5.1	5.7
-85°	0.0	0.3	0.5	0.9	1.3	1.7	2.2	2.5	2.7	2.9	3.1
-87.5°	0.0	0.1	0.3	0.4	0.6	0.9	1.1	1.2	1.4	1.5	1.6
-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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 CATALOG NUMBER: GFLD-SA2B-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.6	1.6	1.5	1.4	1.3	1.2	1.0	0.9	0.9	0.9	1.0
85°	3.1	3.1	3.4	3.6	3.7	3.6	3.5	3.3	3.8	4.3	4.9
82.5°	6.3	6.8	7.3	7.8	7.8	7.7	7.4	7.1	8.2	9.5	10.9
80°	9.7	10.5	11.7	13.0	13.3	13.2	12.8	12.1	13.6	15.8	18.2
77.5°	13.8	15.5	17.2	18.9	19.3	19.0	18.2	16.9	18.8	22.4	26.3
75°	18.4	20.5	23.2	25.3	25.7	25.0	23.8	22.7	25.0	29.4	33.6
72.5°	24.0	27.4	30.1	32.0	32.1	31.4	30.8	30.3	32.9	38.1	42.4
70°	31.2	34.6	36.7	37.8	38.1	38.5	40.3	42.0	44.5	49.0	52.5
67.5°	38.3	41.0	42.9	44.3	46.9	49.4	51.9	54.4	57.2	61.0	63.7
65°	44.6	47.4	49.9	53.1	57.0	60.0	63.3	66.8	70.7	74.3	76.9
62.5°	50.8	53.9	57.3	61.6	66.1	70.2	74.9	79.8	84.5	88.6	93.0
60°	56.0	60.0	64.7	69.8	75.2	81.4	87.1	92.8	98.0	103.1	109.3
57.5°	60.9	66.4	72.1	78.2	85.2	92.8	99.6	105.8	112.2	119.6	125.7
55°	66.0	73.0	79.5	86.8	95.3	104.4	111.8	118.8	126.8	135.6	142.5
52.5°	71.6	79.3	86.8	95.7	105.9	115.0	122.8	131.4	141.1	150.7	158.7
50°	77.0	85.4	94.2	105.5	115.6	124.4	133.9	144.4	154.5	164.3	173.7
47.5°	82.4	91.4	103.2	114.7	124.2	134.4	145.5	156.3	166.9	177.2	187.0
45°	87.7	98.4	111.5	122.4	132.9	144.7	156.2	167.4	178.6	189.5	200.3
42.5°	92.8	105.3	118.4	129.9	142.0	154.2	166.3	178.2	190.1	201.7	213.2
40°	98.4	111.5	125.4	137.8	150.5	163.3	176.0	188.6	201.1	213.4	225.6
37.5°	103.6	118.0	132.4	145.5	158.5	171.9	185.2	198.6	211.7	224.6	238.4
35°	108.2	124.6	139.1	152.8	166.5	180.1	194.2	208.2	222.0	236.0	253.6
32.5°	113.4	131.2	145.4	159.9	174.0	188.0	202.6	217.5	232.3	248.6	273.9
30°	119.2	136.7	151.4	166.6	181.1	195.8	210.9	226.5	242.0	267.3	325.9
27.5°	124.9	141.7	157.2	172.8	187.7	202.9	218.8	234.9	256.5	295.5	390.6
25°	130.2	146.6	162.7	178.4	193.9	209.7	226.1	242.8	272.1	350.8	561.0
22.5°	134.6	151.3	168.0	183.6	199.4	215.8	232.8	255.0	300.3	406.7	750.5
20°	138.4	155.8	172.9	189.1	204.6	221.2	238.9	266.6	343.1	566.3	977.7
17.5°	141.9	159.9	177.3	194.3	210.6	226.9	245.0	276.6	381.7	705.0	1206.1
15°	145.2	163.5	181.5	199.1	216.1	233.0	254.7	305.2	459.7	842.7	1409.5
12.5°	148.1	166.7	185.3	203.7	221.0	238.4	263.3	333.5	555.3	1004.2	1548.4
10°	150.6	169.5	188.7	207.8	225.3	243.2	270.7	356.8	633.8	1137.0	1659.9
7.5°	153.0	172.1	191.8	211.4	229.0	247.3	276.7	374.9	694.5	1237.0	1749.0
5°	155.0	174.7	195.5	215.4	233.7	251.8	281.8	388.0	737.1	1304.4	1813.9
2.5°	156.5	176.9	198.7	218.9	238.8	257.3	287.7	397.6	764.5	1347.3	1855.3
0°	157.6	178.6	201.4	221.8	243.4	262.0	292.3	402.2	774.8	1363.0	1870.9
-2.5°	156.5	176.9	198.7	218.9	238.8	257.3	287.7	397.6	764.5	1347.3	1855.3
-5°	155.0	174.7	195.5	215.4	233.7	251.8	281.8	388.0	737.1	1304.4	1813.9
-7.5°	153.0	172.1	191.8	211.4	229.0	247.3	276.7	374.9	694.5	1237.0	1749.0
-10°	150.6	169.5	188.7	207.8	225.3	243.2	270.7	356.8	633.8	1137.0	1659.9
-12.5°	148.1	166.7	185.3	203.7	221.0	238.4	263.3	333.5	555.3	1004.2	1548.4
-15°	145.2	163.5	181.5	199.1	216.1	233.0	254.7	305.2	459.7	842.7	1409.5
-17.5°	141.9	159.9	177.3	194.3	210.6	226.9	245.0	276.6	381.7	705.0	1206.1
-20°	138.4	155.8	172.9	189.1	204.6	221.2	238.9	266.6	343.1	566.3	977.7



REPORT NUMBER: P558629 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	134.6	151.3	168.0	183.6	199.4	215.8	232.8	255.0	300.3	406.7	750.5
-25°	130.2	146.6	162.7	178.4	193.9	209.7	226.1	242.8	272.1	350.8	561.0
-27.5°	124.9	141.7	157.2	172.8	187.7	202.9	218.8	234.9	256.5	295.5	390.6
-30°	119.2	136.7	151.4	166.6	181.1	195.8	210.9	226.5	242.0	267.3	325.9
-32.5°	113.4	131.2	145.4	159.9	174.0	188.0	202.6	217.5	232.3	248.6	273.9
-35°	108.2	124.6	139.1	152.8	166.5	180.1	194.2	208.2	222.0	236.0	253.6
-37.5°	103.6	118.0	132.4	145.5	158.5	171.9	185.2	198.6	211.7	224.6	238.4
-40°	98.4	111.5	125.4	137.8	150.5	163.3	176.0	188.6	201.1	213.4	225.6
-42.5°	92.8	105.3	118.4	129.9	142.0	154.2	166.3	178.2	190.1	201.7	213.2
-45°	87.7	98.4	111.5	122.4	132.9	144.7	156.2	167.4	178.6	189.5	200.3
-47.5°	82.4	91.4	103.2	114.7	124.2	134.4	145.5	156.3	166.9	177.2	187.0
-50°	77.0	85.4	94.2	105.5	115.6	124.4	133.9	144.4	154.5	164.3	173.7
-52.5°	71.6	79.3	86.8	95.7	105.9	115.0	122.8	131.4	141.1	150.7	158.7
-55°	66.0	73.0	79.5	86.8	95.3	104.4	111.8	118.8	126.8	135.6	142.5
-57.5°	60.9	66.4	72.1	78.2	85.2	92.8	99.6	105.8	112.2	119.6	125.7
-60°	56.0	60.0	64.7	69.8	75.2	81.4	87.1	92.8	98.0	103.1	109.3
-62.5°	50.8	53.9	57.3	61.6	66.1	70.2	74.9	79.8	84.5	88.6	93.0
-65°	44.6	47.4	49.9	53.1	57.0	60.0	63.3	66.8	70.7	74.3	76.9
-67.5°	38.3	41.0	42.9	44.3	46.9	49.4	51.9	54.4	57.2	61.0	63.7
-70°	31.2	34.6	36.7	37.8	38.1	38.5	40.3	42.0	44.5	49.0	52.5
-72.5°	24.0	27.4	30.1	32.0	32.1	31.4	30.8	30.3	32.9	38.1	42.4
-75°	18.4	20.5	23.2	25.3	25.7	25.0	23.8	22.7	25.0	29.4	33.6
-77.5°	13.8	15.5	17.2	18.9	19.3	19.0	18.2	16.9	18.8	22.4	26.3
-80°	9.7	10.5	11.7	13.0	13.3	13.2	12.8	12.1	13.6	15.8	18.2
-82.5°	6.3	6.8	7.3	7.8	7.8	7.7	7.4	7.1	8.2	9.5	10.9
-85°	3.1	3.1	3.4	3.6	3.7	3.6	3.5	3.3	3.8	4.3	4.9
-87.5°	1.6	1.6	1.5	1.4	1.3	1.2	1.0	0.9	0.9	0.9	1.0
-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: P558629 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-930-U-MWR-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°	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.0	0.9
85°	5.5	5.4	5.1	4.7	4.2	4.5	4.8	5.0	5.3	4.9	4.5
82.5°	12.4	12.6	12.6	12.6	12.5	13.0	13.6	14.0	14.4	13.3	12.0
80°	21.0	22.0	22.6	23.1	23.6	23.6	23.3	22.7	22.0	20.1	18.0
77.5°	30.4	31.9	32.7	33.5	34.3	34.6	34.8	35.0	35.2	31.9	27.8
75°	37.6	39.9	41.3	42.6	43.7	44.4	44.8	45.0	45.2	41.2	36.1
72.5°	45.9	48.2	49.8	51.4	52.8	53.8	54.4	54.8	55.1	51.7	46.8
70°	55.0	56.8	58.8	60.7	62.5	63.7	64.6	65.2	65.7	65.3	65.1
67.5°	65.8	67.4	69.8	71.6	73.5	74.9	76.2	77.3	78.2	79.1	80.1
65°	79.3	83.1	86.6	88.4	88.7	90.6	93.7	95.7	96.7	97.5	98.6
62.5°	98.2	102.8	105.3	108.2	112.0	115.6	116.9	118.8	120.9	123.6	126.6
60°	114.3	118.1	122.1	126.2	129.7	132.6	135.8	138.9	141.8	144.4	147.0
57.5°	130.8	135.0	139.0	143.8	147.1	149.1	152.2	156.0	158.9	161.2	164.6
55°	147.9	153.3	158.7	163.0	166.2	168.3	170.6	174.3	176.5	177.3	181.3
52.5°	165.1	171.4	178.2	183.3	186.6	189.7	192.6	195.8	198.0	199.1	203.0
50°	181.0	188.6	196.1	202.8	207.2	212.4	218.2	221.1	223.0	225.0	229.4
47.5°	196.1	204.7	212.7	220.2	226.6	232.4	237.4	242.3	249.4	255.1	260.7
45°	210.7	219.8	228.5	236.9	244.0	255.4	266.3	275.5	300.1	320.8	336.6
42.5°	224.4	235.4	245.2	259.1	274.3	300.6	341.2	378.8	451.5	545.1	623.3
40°	238.7	252.9	270.5	297.7	349.0	401.7	559.4	699.9	838.1	995.3	1129.9
37.5°	255.4	276.8	328.5	389.8	554.2	736.2	959.6	1179.0	1370.0	1533.4	1669.9
35°	277.4	343.8	440.3	663.5	906.6	1204.9	1462.4	1668.7	1857.4	2008.9	2122.8
32.5°	342.6	464.0	718.8	1025.9	1360.1	1648.3	1899.2	2096.8	2268.9	2404.6	2510.2
30°	437.9	717.0	1063.1	1430.8	1763.7	2038.9	2270.7	2459.0	2612.6	2750.7	2866.7
27.5°	664.4	1023.5	1430.3	1805.4	2108.2	2365.9	2573.8	2760.3	2929.7	3075.1	3212.2
25°	912.3	1356.8	1767.1	2108.5	2391.1	2632.8	2852.1	3056.1	3245.8	3416.0	3575.4
22.5°	1209.9	1653.3	2045.5	2361.4	2635.3	2883.6	3116.5	3343.6	3564.3	3772.0	3964.9
20°	1479.5	1914.6	2256.5	2572.1	2856.6	3115.4	3372.1	3636.7	3891.4	4141.6	4373.9
17.5°	1689.5	2094.3	2437.6	2757.4	3047.1	3340.1	3633.9	3937.8	4245.1	4535.6	4813.5
15°	1864.8	2244.2	2592.1	2911.9	3230.3	3553.6	3881.8	4239.9	4605.4	4953.1	5307.3
12.5°	1989.2	2369.3	2722.0	3042.8	3399.9	3750.9	4132.9	4541.0	4963.1	5368.1	5803.2
10°	2089.1	2469.1	2818.8	3164.8	3542.6	3931.8	4360.3	4809.8	5313.5	5793.1	6261.9
7.5°	2174.9	2552.3	2896.6	3264.2	3661.4	4089.1	4555.2	5063.3	5608.4	6142.2	6700.1
5°	2237.6	2609.1	2957.0	3345.7	3752.7	4204.1	4705.5	5248.5	5833.1	6417.9	6969.7
2.5°	2270.8	2641.4	2994.6	3396.3	3806.3	4273.7	4795.9	5371.5	5989.0	6627.1	7171.2
0°	2270.1	2655.0	3009.0	3430.4	3845.7	4294.8	4834.9	5450.3	6052.7	6715.7	7274.2
-2.5°	2270.8	2641.4	2994.6	3396.3	3806.3	4273.7	4795.9	5371.5	5989.0	6627.1	7171.2
-5°	2237.6	2609.1	2957.0	3345.7	3752.7	4204.1	4705.5	5248.5	5833.1	6417.9	6969.7
-7.5°	2174.9	2552.3	2896.6	3264.2	3661.4	4089.1	4555.2	5063.3	5608.4	6142.2	6700.1
-10°	2089.1	2469.1	2818.8	3164.8	3542.6	3931.8	4360.3	4809.8	5313.5	5793.1	6261.9
-12.5°	1989.2	2369.3	2722.0	3042.8	3399.9	3750.9	4132.9	4541.0	4963.1	5368.1	5803.2
-15°	1864.8	2244.2	2592.1	2911.9	3230.3	3553.6	3881.8	4239.9	4605.4	4953.1	5307.3
-17.5°	1689.5	2094.3	2437.6	2757.4	3047.1	3340.1	3633.9	3937.8	4245.1	4535.6	4813.5
-20°	1479.5	1914.6	2256.5	2572.1	2856.6	3115.4	3372.1	3636.7	3891.4	4141.6	4373.9



REPORT NUMBER: P558629 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1209.9	1653.3	2045.5	2361.4	2635.3	2883.6	3116.5	3343.6	3564.3	3772.0	3964.9
-25°	912.3	1356.8	1767.1	2108.5	2391.1	2632.8	2852.1	3056.1	3245.8	3416.0	3575.4
-27.5°	664.4	1023.5	1430.3	1805.4	2108.2	2365.9	2573.8	2760.3	2929.7	3075.1	3212.2
-30°	437.9	717.0	1063.1	1430.8	1763.7	2038.9	2270.7	2459.0	2612.6	2750.7	2866.7
-32.5°	342.6	464.0	718.8	1025.9	1360.1	1648.3	1899.2	2096.8	2268.9	2404.6	2510.2
-35°	277.4	343.8	440.3	663.5	906.6	1204.9	1462.4	1668.7	1857.4	2008.9	2122.8
-37.5°	255.4	276.8	328.5	389.8	554.2	736.2	959.6	1179.0	1370.0	1533.4	1669.9
-40°	238.7	252.9	270.5	297.7	349.0	401.7	559.4	699.9	838.1	995.3	1129.9
-42.5°	224.4	235.4	245.2	259.1	274.3	300.6	341.2	378.8	451.5	545.1	623.3
-45°	210.7	219.8	228.5	236.9	244.0	255.4	266.3	275.5	300.1	320.8	336.6
-47.5°	196.1	204.7	212.7	220.2	226.6	232.4	237.4	242.3	249.4	255.1	260.7
-50°	181.0	188.6	196.1	202.8	207.2	212.4	218.2	221.1	223.0	225.0	229.4
-52.5°	165.1	171.4	178.2	183.3	186.6	189.7	192.6	195.8	198.0	199.1	203.0
-55°	147.9	153.3	158.7	163.0	166.2	168.3	170.6	174.3	176.5	177.3	181.3
-57.5°	130.8	135.0	139.0	143.8	147.1	149.1	152.2	156.0	158.9	161.2	164.6
-60°	114.3	118.1	122.1	126.2	129.7	132.6	135.8	138.9	141.8	144.4	147.0
-62.5°	98.2	102.8	105.3	108.2	112.0	115.6	116.9	118.8	120.9	123.6	126.6
-65°	79.3	83.1	86.6	88.4	88.7	90.6	93.7	95.7	96.7	97.5	98.6
-67.5°	65.8	67.4	69.8	71.6	73.5	74.9	76.2	77.3	78.2	79.1	80.1
-70°	55.0	56.8	58.8	60.7	62.5	63.7	64.6	65.2	65.7	65.3	65.1
-72.5°	45.9	48.2	49.8	51.4	52.8	53.8	54.4	54.8	55.1	51.7	46.8
-75°	37.6	39.9	41.3	42.6	43.7	44.4	44.8	45.0	45.2	41.2	36.1
-77.5°	30.4	31.9	32.7	33.5	34.3	34.6	34.8	35.0	35.2	31.9	27.8
-80°	21.0	22.0	22.6	23.1	23.6	23.6	23.3	22.7	22.0	20.1	18.0
-82.5°	12.4	12.6	12.6	12.6	12.5	13.0	13.6	14.0	14.4	13.3	12.0
-85°	5.5	5.4	5.1	4.7	4.2	4.5	4.8	5.0	5.3	4.9	4.5
-87.5°	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.0	0.9
-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: P558629 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-930-U-MWR-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°	0.7	0.6	0.6	0.6	0.6	0.6	0.7	0.9	1.0	1.2	1.1
85°	4.1	3.7	3.7	3.7	3.7	3.7	4.1	4.5	4.9	5.3	5.0
82.5°	10.7	9.3	9.3	9.3	9.3	9.3	10.7	12.0	13.3	14.4	14.0
80°	15.9	13.6	13.9	14.2	13.9	13.6	15.9	18.0	20.1	22.0	22.7
77.5°	23.3	18.6	18.5	18.5	18.5	18.6	23.3	27.8	31.9	35.2	35.0
75°	30.9	25.5	25.3	25.3	25.3	25.5	30.9	36.1	41.2	45.2	45.0
72.5°	41.8	36.7	34.3	32.1	34.3	36.7	41.8	46.8	51.7	55.1	54.8
70°	65.1	65.3	63.0	59.9	63.0	65.3	65.1	65.1	65.3	65.7	65.2
67.5°	81.0	81.6	82.6	83.4	82.6	81.6	81.0	80.1	79.1	78.2	77.3
65°	99.0	99.0	99.3	99.5	99.3	99.0	99.0	98.6	97.5	96.7	95.7
62.5°	129.2	131.2	132.7	133.5	132.7	131.2	129.2	126.6	123.6	120.9	118.8
60°	149.2	150.9	153.3	155.7	153.3	150.9	149.2	147.0	144.4	141.8	138.9
57.5°	167.9	170.8	173.1	174.9	173.1	170.8	167.9	164.6	161.2	158.9	156.0
55°	185.1	188.5	191.7	194.6	191.7	188.5	185.1	181.3	177.3	176.5	174.3
52.5°	206.8	209.5	214.1	220.0	214.1	209.5	206.8	203.0	199.1	198.0	195.8
50°	234.4	238.7	244.5	251.5	244.5	238.7	234.4	229.4	225.0	223.0	221.1
47.5°	266.4	270.7	276.2	283.6	276.2	270.7	266.4	260.7	255.1	249.4	242.3
45°	351.1	361.0	370.1	380.0	370.1	361.0	351.1	336.6	320.8	300.1	275.5
42.5°	686.0	729.3	748.0	737.1	748.0	729.3	686.0	623.3	545.1	451.5	378.8
40°	1232.6	1304.6	1347.0	1361.8	1347.0	1304.6	1232.6	1129.9	995.3	838.1	699.9
37.5°	1769.6	1835.8	1871.6	1875.9	1871.6	1835.8	1769.6	1669.9	1533.4	1370.0	1179.0
35°	2205.1	2259.7	2292.1	2316.4	2292.1	2259.7	2205.1	2122.8	2008.9	1857.4	1668.7
32.5°	2596.3	2658.5	2694.5	2686.5	2694.5	2658.5	2596.3	2510.2	2404.6	2268.9	2096.8
30°	2961.7	3029.8	3072.1	3073.3	3072.1	3029.8	2961.7	2866.7	2750.7	2612.6	2459.0
27.5°	3323.0	3399.4	3443.5	3478.0	3443.5	3399.4	3323.0	3212.2	3075.1	2929.7	2760.3
25°	3708.4	3803.6	3860.2	3894.5	3860.2	3803.6	3708.4	3575.4	3416.0	3245.8	3056.1
22.5°	4123.9	4242.0	4319.5	4351.7	4319.5	4242.0	4123.9	3964.9	3772.0	3564.3	3343.6
20°	4576.0	4722.2	4821.1	4818.2	4821.1	4722.2	4576.0	4373.9	4141.6	3891.4	3636.7
17.5°	5080.3	5268.9	5396.6	5415.1	5396.6	5268.9	5080.3	4813.5	4535.6	4245.1	3937.8
15°	5621.0	5864.2	6029.3	6080.5	6029.3	5864.2	5621.0	5307.3	4953.1	4605.4	4239.9
12.5°	6175.1	6464.4	6684.5	6757.7	6684.5	6464.4	6175.1	5803.2	5368.1	4963.1	4541.0
10°	6703.1	7023.5	7262.4	7368.2	7262.4	7023.5	6703.1	6261.9	5793.1	5313.5	4809.8
7.5°	7144.4	7470.0	7716.1	7803.1	7716.1	7470.0	7144.4	6700.1	6142.2	5608.4	5063.3
5°	7435.3	7790.9	7982.2	8089.8	7982.2	7790.9	7435.3	6969.7	6417.9	5833.1	5248.5
2.5°	7629.5	7931.1	8124.9	8223.9	8124.9	7931.1	7629.5	7171.2	6627.1	5989.0	5371.5
0°	7732.7	8039.8	8181.9	8230.1	8181.9	8039.8	7732.7	7274.2	6715.7	6052.7	5450.3
-2.5°	7629.5	7931.1	8124.9	8223.9	8124.9	7931.1	7629.5	7171.2	6627.1	5989.0	5371.5
-5°	7435.3	7790.9	7982.2	8089.8	7982.2	7790.9	7435.3	6969.7	6417.9	5833.1	5248.5
-7.5°	7144.4	7470.0	7716.1	7803.1	7716.1	7470.0	7144.4	6700.1	6142.2	5608.4	5063.3
-10°	6703.1	7023.5	7262.4	7368.2	7262.4	7023.5	6703.1	6261.9	5793.1	5313.5	4809.8
-12.5°	6175.1	6464.4	6684.5	6757.7	6684.5	6464.4	6175.1	5803.2	5368.1	4963.1	4541.0
-15°	5621.0	5864.2	6029.3	6080.5	6029.3	5864.2	5621.0	5307.3	4953.1	4605.4	4239.9
-17.5°	5080.3	5268.9	5396.6	5415.1	5396.6	5268.9	5080.3	4813.5	4535.6	4245.1	3937.8
-20°	4576.0	4722.2	4821.1	4818.2	4821.1	4722.2	4576.0	4373.9	4141.6	3891.4	3636.7



REPORT NUMBER: P558629 (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°	4123.9	4242.0	4319.5	4351.7	4319.5	4242.0	4123.9	3964.9	3772.0	3564.3	3343.6
-25°	3708.4	3803.6	3860.2	3894.5	3860.2	3803.6	3708.4	3575.4	3416.0	3245.8	3056.1
-27.5°	3323.0	3399.4	3443.5	3478.0	3443.5	3399.4	3323.0	3212.2	3075.1	2929.7	2760.3
-30°	2961.7	3029.8	3072.1	3073.3	3072.1	3029.8	2961.7	2866.7	2750.7	2612.6	2459.0
-32.5°	2596.3	2658.5	2694.5	2686.5	2694.5	2658.5	2596.3	2510.2	2404.6	2268.9	2096.8
-35°	2205.1	2259.7	2292.1	2316.4	2292.1	2259.7	2205.1	2122.8	2008.9	1857.4	1668.7
-37.5°	1769.6	1835.8	1871.6	1875.9	1871.6	1835.8	1769.6	1669.9	1533.4	1370.0	1179.0
-40°	1232.6	1304.6	1347.0	1361.8	1347.0	1304.6	1232.6	1129.9	995.3	838.1	699.9
-42.5°	686.0	729.3	748.0	737.1	748.0	729.3	686.0	623.3	545.1	451.5	378.8
-45°	351.1	361.0	370.1	380.0	370.1	361.0	351.1	336.6	320.8	300.1	275.5
-47.5°	266.4	270.7	276.2	283.6	276.2	270.7	266.4	260.7	255.1	249.4	242.3
-50°	234.4	238.7	244.5	251.5	244.5	238.7	234.4	229.4	225.0	223.0	221.1
-52.5°	206.8	209.5	214.1	220.0	214.1	209.5	206.8	203.0	199.1	198.0	195.8
-55°	185.1	188.5	191.7	194.6	191.7	188.5	185.1	181.3	177.3	176.5	174.3
-57.5°	167.9	170.8	173.1	174.9	173.1	170.8	167.9	164.6	161.2	158.9	156.0
-60°	149.2	150.9	153.3	155.7	153.3	150.9	149.2	147.0	144.4	141.8	138.9
-62.5°	129.2	131.2	132.7	133.5	132.7	131.2	129.2	126.6	123.6	120.9	118.8
-65°	99.0	99.0	99.3	99.5	99.3	99.0	99.0	98.6	97.5	96.7	95.7
-67.5°	81.0	81.6	82.6	83.4	82.6	81.6	81.0	80.1	79.1	78.2	77.3
-70°	65.1	65.3	63.0	59.9	63.0	65.3	65.1	65.1	65.3	65.7	65.2
-72.5°	41.8	36.7	34.3	32.1	34.3	36.7	41.8	46.8	51.7	55.1	54.8
-75°	30.9	25.5	25.3	25.3	25.3	25.5	30.9	36.1	41.2	45.2	45.0
-77.5°	23.3	18.6	18.5	18.5	18.5	18.6	23.3	27.8	31.9	35.2	35.0
-80°	15.9	13.6	13.9	14.2	13.9	13.6	15.9	18.0	20.1	22.0	22.7
-82.5°	10.7	9.3	9.3	9.3	9.3	9.3	10.7	12.0	13.3	14.4	14.0
-85°	4.1	3.7	3.7	3.7	3.7	3.7	4.1	4.5	4.9	5.3	5.0
-87.5°	0.7	0.6	0.6	0.6	0.6	0.6	0.7	0.9	1.0	1.2	1.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558629 (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°	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.9
85°	4.8	4.5	4.2	4.7	5.1	5.4	5.5	4.9	4.3	3.8	3.3
82.5°	13.6	13.0	12.5	12.6	12.6	12.6	12.4	10.9	9.5	8.2	7.1
80°	23.3	23.6	23.6	23.1	22.6	22.0	21.0	18.2	15.8	13.6	12.1
77.5°	34.8	34.6	34.3	33.5	32.7	31.9	30.4	26.3	22.4	18.8	16.9
75°	44.8	44.4	43.7	42.6	41.3	39.9	37.6	33.6	29.4	25.0	22.7
72.5°	54.4	53.8	52.8	51.4	49.8	48.2	45.9	42.4	38.1	32.9	30.3
70°	64.6	63.7	62.5	60.7	58.8	56.8	55.0	52.5	49.0	44.5	42.0
67.5°	76.2	74.9	73.5	71.6	69.8	67.4	65.8	63.7	61.0	57.2	54.4
65°	93.7	90.6	88.7	88.4	86.6	83.1	79.3	76.9	74.3	70.7	66.8
62.5°	116.9	115.6	112.0	108.2	105.3	102.8	98.2	93.0	88.6	84.5	79.8
60°	135.8	132.6	129.7	126.2	122.1	118.1	114.3	109.3	103.1	98.0	92.8
57.5°	152.2	149.1	147.1	143.8	139.0	135.0	130.8	125.7	119.6	112.2	105.8
55°	170.6	168.3	166.2	163.0	158.7	153.3	147.9	142.5	135.6	126.8	118.8
52.5°	192.6	189.7	186.6	183.3	178.2	171.4	165.1	158.7	150.7	141.1	131.4
50°	218.2	212.4	207.2	202.8	196.1	188.6	181.0	173.7	164.3	154.5	144.4
47.5°	237.4	232.4	226.6	220.2	212.7	204.7	196.1	187.0	177.2	166.9	156.3
45°	266.3	255.4	244.0	236.9	228.5	219.8	210.7	200.3	189.5	178.6	167.4
42.5°	341.2	300.6	274.3	259.1	245.2	235.4	224.4	213.2	201.7	190.1	178.2
40°	559.4	401.7	349.0	297.7	270.5	252.9	238.7	225.6	213.4	201.1	188.6
37.5°	959.6	736.2	554.2	389.8	328.5	276.8	255.4	238.4	224.6	211.7	198.6
35°	1462.4	1204.9	906.6	663.5	440.3	343.8	277.4	253.6	236.0	222.0	208.2
32.5°	1899.2	1648.3	1360.1	1025.9	718.8	464.0	342.6	273.9	248.6	232.3	217.5
30°	2270.7	2038.9	1763.7	1430.8	1063.1	717.0	437.9	325.9	267.3	242.0	226.5
27.5°	2573.8	2365.9	2108.2	1805.4	1430.3	1023.5	664.4	390.6	295.5	256.5	234.9
25°	2852.1	2632.8	2391.1	2108.5	1767.1	1356.8	912.3	561.0	350.8	272.1	242.8
22.5°	3116.5	2883.6	2635.3	2361.4	2045.5	1653.3	1209.9	750.5	406.7	300.3	255.0
20°	3372.1	3115.4	2856.6	2572.1	2256.5	1914.6	1479.5	977.7	566.3	343.1	266.6
17.5°	3633.9	3340.1	3047.1	2757.4	2437.6	2094.3	1689.5	1206.1	705.0	381.7	276.6
15°	3881.8	3553.6	3230.3	2911.9	2592.1	2244.2	1864.8	1409.5	842.7	459.7	305.2
12.5°	4132.9	3750.9	3399.9	3042.8	2722.0	2369.3	1989.2	1548.4	1004.2	555.3	333.5
10°	4360.3	3931.8	3542.6	3164.8	2818.8	2469.1	2089.1	1659.9	1137.0	633.8	356.8
7.5°	4555.2	4089.1	3661.4	3264.2	2896.6	2552.3	2174.9	1749.0	1237.0	694.5	374.9
5°	4705.5	4204.1	3752.7	3345.7	2957.0	2609.1	2237.6	1813.9	1304.4	737.1	388.0
2.5°	4795.9	4273.7	3806.3	3396.3	2994.6	2641.4	2270.8	1855.3	1347.3	764.5	397.6
0°	4834.9	4294.8	3845.7	3430.4	3009.0	2655.0	2270.1	1870.9	1363.0	774.8	402.2
-2.5°	4795.9	4273.7	3806.3	3396.3	2994.6	2641.4	2270.8	1855.3	1347.3	764.5	397.6
-5°	4705.5	4204.1	3752.7	3345.7	2957.0	2609.1	2237.6	1813.9	1304.4	737.1	388.0
-7.5°	4555.2	4089.1	3661.4	3264.2	2896.6	2552.3	2174.9	1749.0	1237.0	694.5	374.9
-10°	4360.3	3931.8	3542.6	3164.8	2818.8	2469.1	2089.1	1659.9	1137.0	633.8	356.8
-12.5°	4132.9	3750.9	3399.9	3042.8	2722.0	2369.3	1989.2	1548.4	1004.2	555.3	333.5
-15°	3881.8	3553.6	3230.3	2911.9	2592.1	2244.2	1864.8	1409.5	842.7	459.7	305.2
-17.5°	3633.9	3340.1	3047.1	2757.4	2437.6	2094.3	1689.5	1206.1	705.0	381.7	276.6
-20°	3372.1	3115.4	2856.6	2572.1	2256.5	1914.6	1479.5	977.7	566.3	343.1	266.6



REPORT NUMBER: P558629 (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°	3116.5	2883.6	2635.3	2361.4	2045.5	1653.3	1209.9	750.5	406.7	300.3	255.0
-25°	2852.1	2632.8	2391.1	2108.5	1767.1	1356.8	912.3	561.0	350.8	272.1	242.8
-27.5°	2573.8	2365.9	2108.2	1805.4	1430.3	1023.5	664.4	390.6	295.5	256.5	234.9
-30°	2270.7	2038.9	1763.7	1430.8	1063.1	717.0	437.9	325.9	267.3	242.0	226.5
-32.5°	1899.2	1648.3	1360.1	1025.9	718.8	464.0	342.6	273.9	248.6	232.3	217.5
-35°	1462.4	1204.9	906.6	663.5	440.3	343.8	277.4	253.6	236.0	222.0	208.2
-37.5°	959.6	736.2	554.2	389.8	328.5	276.8	255.4	238.4	224.6	211.7	198.6
-40°	559.4	401.7	349.0	297.7	270.5	252.9	238.7	225.6	213.4	201.1	188.6
-42.5°	341.2	300.6	274.3	259.1	245.2	235.4	224.4	213.2	201.7	190.1	178.2
-45°	266.3	255.4	244.0	236.9	228.5	219.8	210.7	200.3	189.5	178.6	167.4
-47.5°	237.4	232.4	226.6	220.2	212.7	204.7	196.1	187.0	177.2	166.9	156.3
-50°	218.2	212.4	207.2	202.8	196.1	188.6	181.0	173.7	164.3	154.5	144.4
-52.5°	192.6	189.7	186.6	183.3	178.2	171.4	165.1	158.7	150.7	141.1	131.4
-55°	170.6	168.3	166.2	163.0	158.7	153.3	147.9	142.5	135.6	126.8	118.8
-57.5°	152.2	149.1	147.1	143.8	139.0	135.0	130.8	125.7	119.6	112.2	105.8
-60°	135.8	132.6	129.7	126.2	122.1	118.1	114.3	109.3	103.1	98.0	92.8
-62.5°	116.9	115.6	112.0	108.2	105.3	102.8	98.2	93.0	88.6	84.5	79.8
-65°	93.7	90.6	88.7	88.4	86.6	83.1	79.3	76.9	74.3	70.7	66.8
-67.5°	76.2	74.9	73.5	71.6	69.8	67.4	65.8	63.7	61.0	57.2	54.4
-70°	64.6	63.7	62.5	60.7	58.8	56.8	55.0	52.5	49.0	44.5	42.0
-72.5°	54.4	53.8	52.8	51.4	49.8	48.2	45.9	42.4	38.1	32.9	30.3
-75°	44.8	44.4	43.7	42.6	41.3	39.9	37.6	33.6	29.4	25.0	22.7
-77.5°	34.8	34.6	34.3	33.5	32.7	31.9	30.4	26.3	22.4	18.8	16.9
-80°	23.3	23.6	23.6	23.1	22.6	22.0	21.0	18.2	15.8	13.6	12.1
-82.5°	13.6	13.0	12.5	12.6	12.6	12.6	12.4	10.9	9.5	8.2	7.1
-85°	4.8	4.5	4.2	4.7	5.1	5.4	5.5	4.9	4.3	3.8	3.3
-87.5°	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.9
-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):

	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°	1.0	1.2	1.3	1.4	1.5	1.6	1.6	1.6	1.5	1.4	1.2
85°	3.5	3.6	3.7	3.6	3.4	3.1	3.1	3.1	2.9	2.7	2.5
82.5°	7.4	7.7	7.8	7.8	7.3	6.8	6.3	5.7	5.1	4.2	3.7
80°	12.8	13.2	13.3	13.0	11.7	10.5	9.7	8.8	8.2	7.3	6.1
77.5°	18.2	19.0	19.3	18.9	17.2	15.5	13.8	12.3	11.4	10.4	9.0
75°	23.8	25.0	25.7	25.3	23.2	20.5	18.4	16.6	15.3	13.5	12.0
72.5°	30.8	31.4	32.1	32.0	30.1	27.4	24.0	20.9	19.4	17.5	15.1
70°	40.3	38.5	38.1	37.8	36.7	34.6	31.2	27.1	23.7	21.5	18.8
67.5°	51.9	49.4	46.9	44.3	42.9	41.0	38.3	33.5	29.0	25.5	22.5
65°	63.3	60.0	57.0	53.1	49.9	47.4	44.6	39.5	34.1	29.6	26.1
62.5°	74.9	70.2	66.1	61.6	57.3	53.9	50.8	45.0	39.0	33.6	29.5
60°	87.1	81.4	75.2	69.8	64.7	60.0	56.0	50.5	44.0	37.4	32.5
57.5°	99.6	92.8	85.2	78.2	72.1	66.4	60.9	55.3	48.9	41.6	35.2
55°	111.8	104.4	95.3	86.8	79.5	73.0	66.0	59.7	53.5	45.9	37.2
52.5°	122.8	115.0	105.9	95.7	86.8	79.3	71.6	64.1	57.4	50.1	39.8
50°	133.9	124.4	115.6	105.5	94.2	85.4	77.0	68.9	61.3	54.0	42.3
47.5°	145.5	134.4	124.2	114.7	103.2	91.4	82.4	73.6	65.0	57.4	44.5
45°	156.2	144.7	132.9	122.4	111.5	98.4	87.7	78.1	69.1	59.1	46.4
42.5°	166.3	154.2	142.0	129.9	118.4	105.3	92.8	82.7	73.0	60.4	47.7
40°	176.0	163.3	150.5	137.8	125.4	111.5	98.4	87.1	76.4	61.6	48.6
37.5°	185.2	171.9	158.5	145.5	132.4	118.0	103.6	91.4	78.1	62.8	49.2
35°	194.2	180.1	166.5	152.8	139.1	124.6	108.2	95.5	80.6	63.9	49.5
32.5°	202.6	188.0	174.0	159.9	145.4	131.2	113.4	99.2	83.6	64.7	49.6
30°	210.9	195.8	181.1	166.6	151.4	136.7	119.2	102.9	87.1	65.4	49.6
27.5°	218.8	202.9	187.7	172.8	157.2	141.7	124.9	106.5	91.1	66.7	49.9
25°	226.1	209.7	193.9	178.4	162.7	146.6	130.2	110.1	94.4	69.3	50.1
22.5°	232.8	215.8	199.4	183.6	168.0	151.3	134.6	114.4	97.1	72.1	50.0
20°	238.9	221.2	204.6	189.1	172.9	155.8	138.4	118.3	99.7	75.0	49.7
17.5°	245.0	226.9	210.6	194.3	177.3	159.9	141.9	121.9	102.1	77.8	49.3
15°	254.7	233.0	216.1	199.1	181.5	163.5	145.2	125.0	104.2	80.5	49.1
12.5°	263.3	238.4	221.0	203.7	185.3	166.7	148.1	127.6	106.2	82.3	49.3
10°	270.7	243.2	225.3	207.8	188.7	169.5	150.6	129.9	107.8	83.1	49.2
7.5°	276.7	247.3	229.0	211.4	191.8	172.1	153.0	131.8	109.3	83.2	48.8
5°	281.8	251.8	233.7	215.4	195.5	174.7	155.0	133.2	110.7	82.6	48.2
2.5°	287.7	257.3	238.8	218.9	198.7	176.9	156.5	134.2	111.8	81.4	47.3
0°	292.3	262.0	243.4	221.8	201.4	178.6	157.6	134.7	112.5	79.7	46.3
-2.5°	287.7	257.3	238.8	218.9	198.7	176.9	156.5	134.2	111.8	81.4	47.3
-5°	281.8	251.8	233.7	215.4	195.5	174.7	155.0	133.2	110.7	82.6	48.2
-7.5°	276.7	247.3	229.0	211.4	191.8	172.1	153.0	131.8	109.3	83.2	48.8
-10°	270.7	243.2	225.3	207.8	188.7	169.5	150.6	129.9	107.8	83.1	49.2
-12.5°	263.3	238.4	221.0	203.7	185.3	166.7	148.1	127.6	106.2	82.3	49.3
-15°	254.7	233.0	216.1	199.1	181.5	163.5	145.2	125.0	104.2	80.5	49.1
-17.5°	245.0	226.9	210.6	194.3	177.3	159.9	141.9	121.9	102.1	77.8	49.3
-20°	238.9	221.2	204.6	189.1	172.9	155.8	138.4	118.3	99.7	75.0	49.7



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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°	232.8	215.8	199.4	183.6	168.0	151.3	134.6	114.4	97.1	72.1	50.0
-25°	226.1	209.7	193.9	178.4	162.7	146.6	130.2	110.1	94.4	69.3	50.1
-27.5°	218.8	202.9	187.7	172.8	157.2	141.7	124.9	106.5	91.1	66.7	49.9
-30°	210.9	195.8	181.1	166.6	151.4	136.7	119.2	102.9	87.1	65.4	49.6
-32.5°	202.6	188.0	174.0	159.9	145.4	131.2	113.4	99.2	83.6	64.7	49.6
-35°	194.2	180.1	166.5	152.8	139.1	124.6	108.2	95.5	80.6	63.9	49.5
-37.5°	185.2	171.9	158.5	145.5	132.4	118.0	103.6	91.4	78.1	62.8	49.2
-40°	176.0	163.3	150.5	137.8	125.4	111.5	98.4	87.1	76.4	61.6	48.6
-42.5°	166.3	154.2	142.0	129.9	118.4	105.3	92.8	82.7	73.0	60.4	47.7
-45°	156.2	144.7	132.9	122.4	111.5	98.4	87.7	78.1	69.1	59.1	46.4
-47.5°	145.5	134.4	124.2	114.7	103.2	91.4	82.4	73.6	65.0	57.4	44.5
-50°	133.9	124.4	115.6	105.5	94.2	85.4	77.0	68.9	61.3	54.0	42.3
-52.5°	122.8	115.0	105.9	95.7	86.8	79.3	71.6	64.1	57.4	50.1	39.8
-55°	111.8	104.4	95.3	86.8	79.5	73.0	66.0	59.7	53.5	45.9	37.2
-57.5°	99.6	92.8	85.2	78.2	72.1	66.4	60.9	55.3	48.9	41.6	35.2
-60°	87.1	81.4	75.2	69.8	64.7	60.0	56.0	50.5	44.0	37.4	32.5
-62.5°	74.9	70.2	66.1	61.6	57.3	53.9	50.8	45.0	39.0	33.6	29.5
-65°	63.3	60.0	57.0	53.1	49.9	47.4	44.6	39.5	34.1	29.6	26.1
-67.5°	51.9	49.4	46.9	44.3	42.9	41.0	38.3	33.5	29.0	25.5	22.5
-70°	40.3	38.5	38.1	37.8	36.7	34.6	31.2	27.1	23.7	21.5	18.8
-72.5°	30.8	31.4	32.1	32.0	30.1	27.4	24.0	20.9	19.4	17.5	15.1
-75°	23.8	25.0	25.7	25.3	23.2	20.5	18.4	16.6	15.3	13.5	12.0
-77.5°	18.2	19.0	19.3	18.9	17.2	15.5	13.8	12.3	11.4	10.4	9.0
-80°	12.8	13.2	13.3	13.0	11.7	10.5	9.7	8.8	8.2	7.3	6.1
-82.5°	7.4	7.7	7.8	7.8	7.3	6.8	6.3	5.7	5.1	4.2	3.7
-85°	3.5	3.6	3.7	3.6	3.4	3.1	3.1	3.1	2.9	2.7	2.5
-87.5°	1.0	1.2	1.3	1.4	1.5	1.6	1.6	1.6	1.5	1.4	1.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.1	0.9	0.6	0.4	0.3	0.1	0.0
85°	2.2	1.7	1.3	0.9	0.5	0.3	0.0
82.5°	3.3	2.6	1.9	1.3	0.8	0.4	0.0
80°	4.6	3.4	2.5	1.8	1.1	0.5	0.0
77.5°	7.2	4.7	3.2	2.2	1.3	0.7	0.0
75°	9.8	6.7	3.9	2.6	1.6	0.8	0.0
72.5°	12.3	8.6	5.4	3.0	1.9	0.9	0.0
70°	14.8	10.5	6.8	3.5	2.1	1.1	0.0
67.5°	17.8	12.4	8.2	4.5	2.4	1.2	0.0
65°	20.6	14.4	9.5	5.4	2.6	1.3	0.0
62.5°	23.3	16.5	10.8	6.3	2.9	1.4	0.0
60°	25.8	18.5	12.0	7.2	3.1	1.5	0.0
57.5°	27.6	20.4	13.4	8.0	3.6	1.7	0.0
55°	29.0	22.1	14.8	8.8	4.2	1.8	0.0
52.5°	30.3	23.7	16.0	9.6	4.7	1.9	0.0
50°	31.3	24.4	17.2	10.3	5.2	2.0	0.0
47.5°	32.3	25.0	18.3	10.9	5.6	2.1	0.0
45°	33.8	25.5	19.3	11.7	6.1	2.2	0.0
42.5°	35.2	25.8	20.2	12.4	6.5	2.3	0.0
40°	36.2	25.9	20.7	13.1	6.9	2.4	0.0
37.5°	37.1	25.9	20.7	13.8	7.3	2.5	0.0
35°	37.7	26.2	20.7	14.5	7.7	2.5	0.0
32.5°	38.0	26.6	20.6	15.2	8.0	2.6	0.0
30°	38.0	26.9	20.4	15.9	8.3	2.7	0.0
27.5°	37.7	26.9	20.6	16.5	8.6	2.7	0.0
25°	37.3	26.9	20.8	17.1	8.8	2.8	0.0
22.5°	36.7	26.9	21.0	17.7	9.1	2.9	0.0
20°	35.9	27.6	21.2	18.3	9.3	2.9	0.0
17.5°	36.0	28.3	21.3	18.8	9.4	3.0	0.0
15°	36.5	28.8	21.4	19.3	9.6	3.0	0.0
12.5°	37.0	29.3	21.5	19.7	9.7	3.0	0.0
10°	37.3	29.6	21.5	20.0	9.8	3.1	0.0
7.5°	37.5	29.9	21.6	20.4	9.9	3.1	0.0
5°	37.7	30.1	21.6	20.6	9.9	3.1	0.0
2.5°	37.7	30.3	21.6	20.9	9.9	3.1	0.0
0°	37.7	30.3	21.6	20.9	9.9	3.1	0.0
-2.5°	37.7	30.3	21.6	20.9	9.9	3.1	0.0
-5°	37.7	30.1	21.6	20.6	9.9	3.1	0.0
-7.5°	37.5	29.9	21.6	20.4	9.9	3.1	0.0
-10°	37.3	29.6	21.5	20.0	9.8	3.1	0.0
-12.5°	37.0	29.3	21.5	19.7	9.7	3.0	0.0
-15°	36.5	28.8	21.4	19.3	9.6	3.0	0.0
-17.5°	36.0	28.3	21.3	18.8	9.4	3.0	0.0
-20°	35.9	27.6	21.2	18.3	9.3	2.9	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	36.7	26.9	21.0	17.7	9.1	2.9	0.0
-25°	37.3	26.9	20.8	17.1	8.8	2.8	0.0
-27.5°	37.7	26.9	20.6	16.5	8.6	2.7	0.0
-30°	38.0	26.9	20.4	15.9	8.3	2.7	0.0
-32.5°	38.0	26.6	20.6	15.2	8.0	2.6	0.0
-35°	37.7	26.2	20.7	14.5	7.7	2.5	0.0
-37.5°	37.1	25.9	20.7	13.8	7.3	2.5	0.0
-40°	36.2	25.9	20.7	13.1	6.9	2.4	0.0
-42.5°	35.2	25.8	20.2	12.4	6.5	2.3	0.0
-45°	33.8	25.5	19.3	11.7	6.1	2.2	0.0
-47.5°	32.3	25.0	18.3	10.9	5.6	2.1	0.0
-50°	31.3	24.4	17.2	10.3	5.2	2.0	0.0
-52.5°	30.3	23.7	16.0	9.6	4.7	1.9	0.0
-55°	29.0	22.1	14.8	8.8	4.2	1.8	0.0
-57.5°	27.6	20.4	13.4	8.0	3.6	1.7	0.0
-60°	25.8	18.5	12.0	7.2	3.1	1.5	0.0
-62.5°	23.3	16.5	10.8	6.3	2.9	1.4	0.0
-65°	20.6	14.4	9.5	5.4	2.6	1.3	0.0
-67.5°	17.8	12.4	8.2	4.5	2.4	1.2	0.0
-70°	14.8	10.5	6.8	3.5	2.1	1.1	0.0
-72.5°	12.3	8.6	5.4	3.0	1.9	0.9	0.0
-75°	9.8	6.7	3.9	2.6	1.6	0.8	0.0
-77.5°	7.2	4.7	3.2	2.2	1.3	0.7	0.0
-80°	4.6	3.4	2.5	1.8	1.1	0.5	0.0
-82.5°	3.3	2.6	1.9	1.3	0.8	0.4	0.0
-85°	2.2	1.7	1.3	0.9	0.5	0.3	0.0
-87.5°	1.1	0.9	0.6	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)