

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: P558824 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558824 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)
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-TS-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, TIGHT SPOT N2
Light Source: (48) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

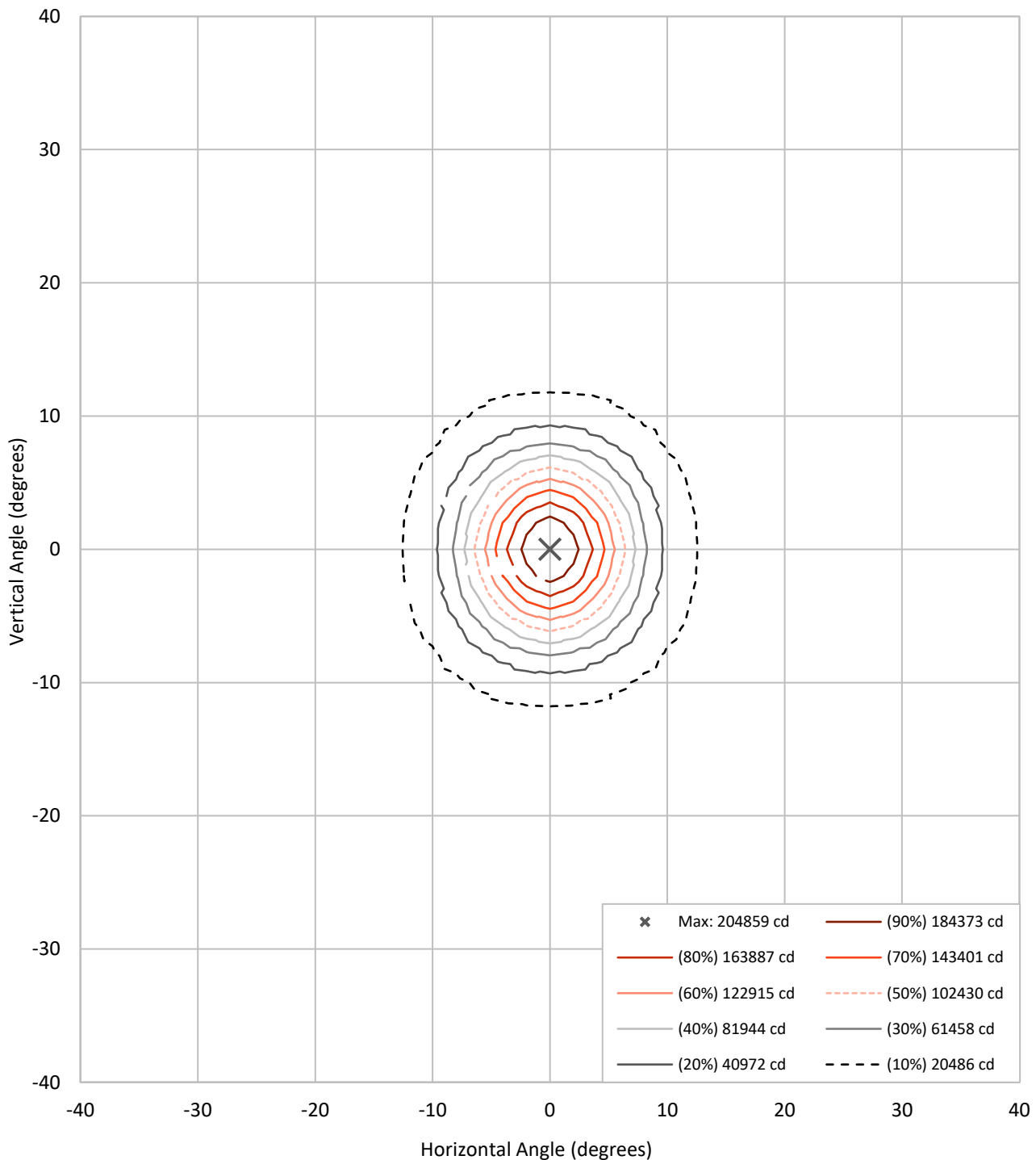
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	14849.6 lumens	Max Intensity:	204859 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	94.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	4692.2 lumens	Field Lumens:	10394.9 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

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



REPORT NUMBER: P558824 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





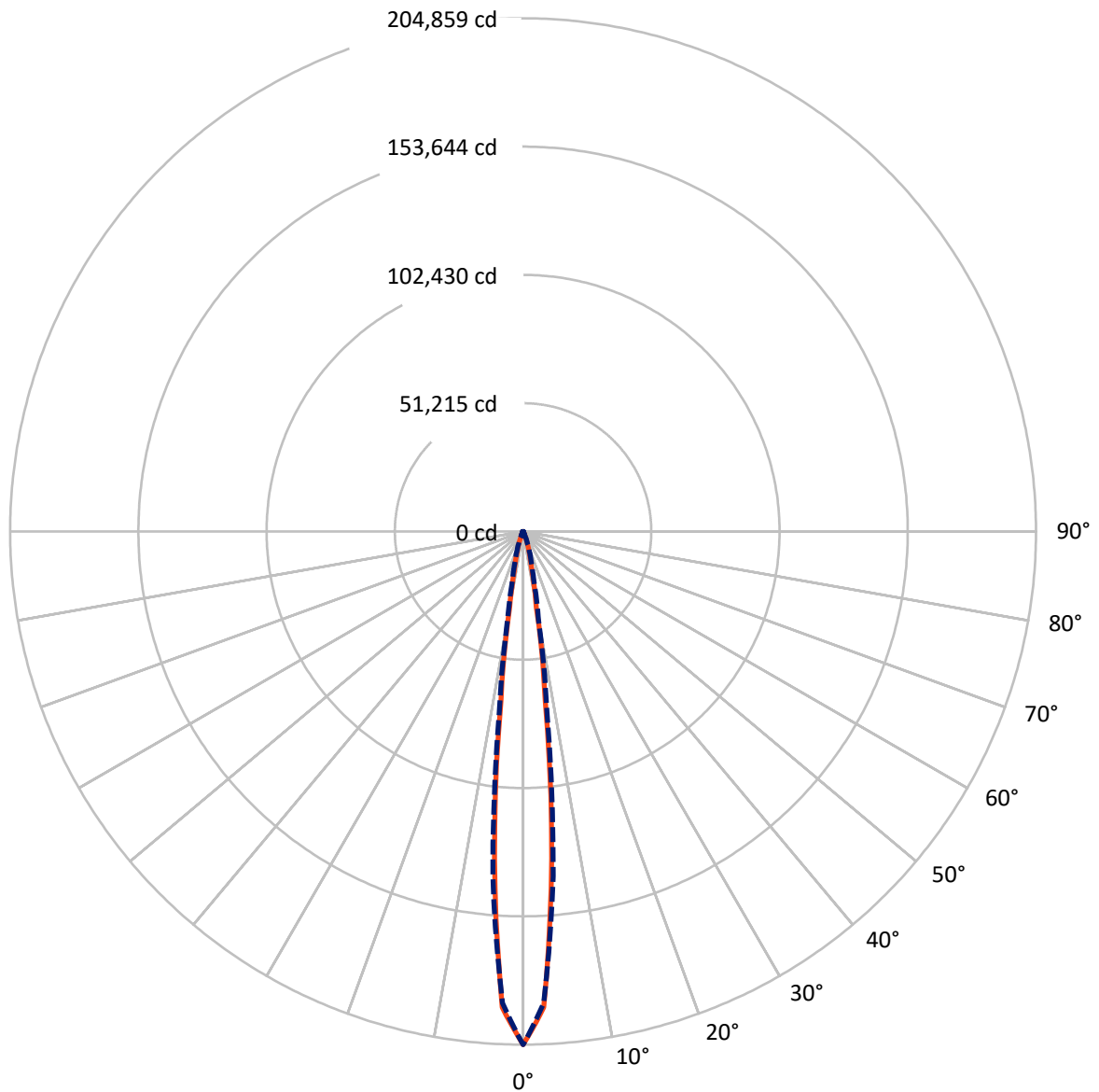
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Lumen Table

90	0.2	1.7	4.8	7.7	8.9	7.7	4.8	1.7	0.2							
80	0.2	1.7	4.8	7.7	8.9	7.7	4.8	1.7	0.2							
70	0.8	0.9	1.9	3.2	4.3	5.3	6.1	6.5	6.5	6.1	5.3	4.3	3.2	1.9	0.9	0.8
60		1.4	2.9	4.3	5.6	6.6	7.3	7.5	7.5	7.3	6.6	5.6	4.3	2.9	1.4	
50	1.4	1.9	3.5	5.0	6.3	7.4	8.3	8.7	8.7	8.3	7.4	6.3	5.0	3.5	1.9	1.4
40		2.2	3.9	5.5	7.0	9.0	11.3	12.8	12.8	11.3	9.0	7.0	5.5	3.9	2.2	
30	1.9	2.5	4.2	5.8	8.3	12.8	28.5	51.8	51.8	28.5	12.8	8.3	5.8	4.2	2.5	1.9
20		2.6	4.3	6.1	9.8	27.6	155.7	342.6	342.6	155.7	27.6	9.8	6.1	4.3	2.6	
10	2.1	2.7	4.3	6.3	10.9	52.9	373.8	2418.1	2418.1	373.8	52.9	10.9	6.3	4.3	2.7	2.1
0		2.7	4.3	6.3	10.9	52.9	373.8	2418.1	2418.1	373.8	52.9	10.9	6.3	4.3	2.7	
-10	1.9	2.6	4.3	6.1	9.8	27.6	155.7	342.6	342.6	155.7	27.6	9.8	6.1	4.3	2.6	1.9
-20		2.5	4.2	5.8	8.3	12.8	28.5	51.8	51.8	28.5	12.8	8.3	5.8	4.2	2.5	
-30	1.4	2.2	3.9	5.5	7.0	9.0	11.3	12.8	12.8	11.3	9.0	7.0	5.5	3.9	2.2	1.4
-40		1.9	3.5	5.0	6.3	7.4	8.3	8.7	8.7	8.3	7.4	6.3	5.0	3.5	1.9	
-50	0.8	1.4	2.9	4.3	5.6	6.6	7.3	7.5	7.5	7.3	6.6	5.6	4.3	2.9	1.4	0.8
-60		0.9	1.9	3.2	4.3	5.3	6.1	6.5	6.5	6.1	5.3	4.3	3.2	1.9	0.9	
-70	0.2	1.7	4.8	7.7	8.9	7.7	4.8	1.7	0.2							
-80		0.2	1.7	4.8	7.7	8.9	7.7	4.8	1.7	0.2						
-90	0.2	1.7	4.8	7.7	8.9	7.7	4.8	1.7	0.2							

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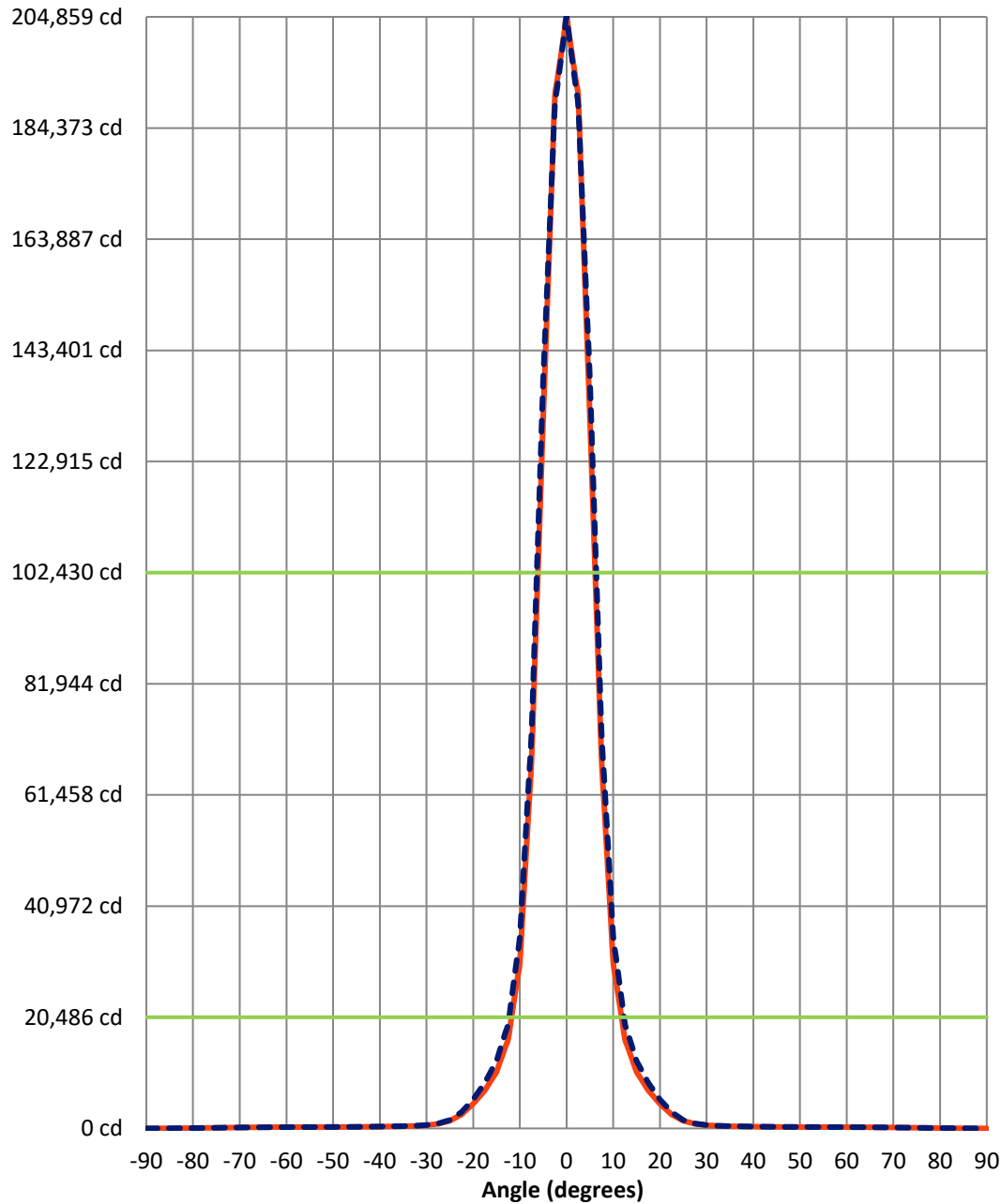
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 12.7°
V Angle: 12.3°
Lumens: 4692.2
Efficiency: 31.6%

Field:
H Angle: 24.6°
V Angle: 23.6°
Lumens: 10394.9
Efficiency: 70.0%

Spill:
Lumens: 4454.7
Efficiency: 30.0%

— 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	1.8	2.2	2.5	2.9	3.3	3.7	4.1
85°	0.0	1.0	1.9	2.8	3.6	4.3	5.0	5.8	6.6	7.4	8.2
82.5°	0.0	1.4	2.9	4.2	5.4	6.5	7.5	8.7	10.0	11.8	13.7
80°	0.0	1.9	3.8	5.6	7.2	8.7	10.1	12.5	14.9	17.4	20.0
77.5°	0.0	2.4	4.8	6.9	8.9	11.1	13.6	16.6	19.7	22.9	26.4
75°	0.0	2.8	5.7	8.3	10.8	14.0	17.1	20.7	24.6	29.0	33.2
72.5°	0.0	3.3	6.6	9.6	13.1	16.9	20.6	25.0	30.3	35.3	40.1
70°	0.0	3.8	7.5	11.1	15.4	19.7	24.1	30.0	35.9	41.6	49.3
67.5°	0.0	4.2	8.4	12.8	17.7	22.5	28.4	35.0	41.6	50.1	59.0
65°	0.0	4.6	9.3	14.4	19.9	25.6	32.7	40.0	48.8	58.4	68.6
62.5°	0.0	5.1	10.1	16.1	22.0	29.1	36.9	45.7	55.9	66.7	78.6
60°	0.0	5.5	11.0	17.7	24.2	32.4	40.9	51.5	62.7	75.5	88.4
57.5°	0.0	5.9	12.0	19.2	26.7	35.7	45.7	57.2	70.2	84.1	98.3
55°	0.0	6.3	13.0	20.7	29.2	38.8	50.5	62.8	77.6	92.6	108.1
52.5°	0.0	6.7	14.0	22.2	31.7	42.0	55.2	69.1	84.9	101.2	117.7
50°	0.0	7.1	14.9	23.7	34.0	45.8	59.7	75.3	92.0	109.5	127.2
47.5°	0.0	7.4	15.8	25.1	36.2	49.4	64.1	81.3	99.1	117.6	136.4
45°	0.0	7.8	16.7	26.7	38.4	52.9	69.0	87.0	106.0	125.6	145.4
42.5°	0.0	8.1	17.5	28.3	40.4	56.2	73.6	92.6	112.7	133.4	153.0
40°	0.0	8.4	18.3	29.7	42.7	59.4	78.1	98.2	119.1	140.9	160.2
37.5°	0.0	8.7	19.1	31.0	45.1	62.4	82.2	103.4	125.4	147.7	167.1
35°	0.0	9.0	19.8	32.3	47.4	65.5	86.1	108.4	131.3	153.4	173.2
32.5°	0.0	9.3	20.5	33.4	49.5	68.6	89.9	113.0	136.7	158.7	178.5
30°	0.0	9.5	21.1	34.5	51.5	71.5	93.6	117.4	141.8	163.7	183.5
27.5°	0.0	9.8	21.7	35.5	53.3	74.1	97.1	121.5	146.3	168.3	188.0
25°	0.0	10.0	22.2	36.3	55.0	76.5	100.2	125.3	150.0	172.2	192.2
22.5°	0.0	10.2	22.7	37.1	56.5	78.7	103.1	128.7	153.4	175.6	195.3
20°	0.0	10.3	23.1	37.8	57.9	80.7	105.7	131.7	156.4	178.6	198.2
17.5°	0.0	10.5	23.5	38.4	59.2	82.5	108.0	134.3	159.1	181.3	200.7
15°	0.0	10.6	23.9	38.9	60.3	84.0	110.1	136.5	161.3	183.5	203.0
12.5°	0.0	10.7	24.1	39.3	61.2	85.3	111.8	138.4	163.2	185.4	204.9
10°	0.0	10.8	24.4	39.7	62.0	86.4	113.2	139.9	164.8	186.9	206.4
7.5°	0.0	10.9	24.6	39.9	62.6	87.2	114.4	141.0	165.9	188.0	207.4
5°	0.0	11.0	24.7	40.0	63.0	87.8	115.2	141.7	166.6	188.7	208.1
2.5°	0.0	11.0	24.8	40.0	63.3	88.2	115.6	142.0	167.0	189.0	208.3
0°	0.0	11.0	24.8	40.0	63.3	88.2	115.6	142.0	167.0	189.0	208.3
-2.5°	0.0	11.0	24.8	40.0	63.3	88.2	115.6	142.0	167.0	189.0	208.3
-5°	0.0	11.0	24.7	40.0	63.0	87.8	115.2	141.7	166.6	188.7	208.1
-7.5°	0.0	10.9	24.6	39.9	62.6	87.2	114.4	141.0	165.9	188.0	207.4
-10°	0.0	10.8	24.4	39.7	62.0	86.4	113.2	139.9	164.8	186.9	206.4
-12.5°	0.0	10.7	24.1	39.3	61.2	85.3	111.8	138.4	163.2	185.4	204.9
-15°	0.0	10.6	23.9	38.9	60.3	84.0	110.1	136.5	161.3	183.5	203.0
-17.5°	0.0	10.5	23.5	38.4	59.2	82.5	108.0	134.3	159.1	181.3	200.7
-20°	0.0	10.3	23.1	37.8	57.9	80.7	105.7	131.7	156.4	178.6	198.2



REPORT NUMBER: P558824 (CONVERTED FROM TYPE C PHOTOMETRY)
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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	10.2	22.7	37.1	56.5	78.7	103.1	128.7	153.4	175.6	195.3
-25°	0.0	10.0	22.2	36.3	55.0	76.5	100.2	125.3	150.0	172.2	192.2
-27.5°	0.0	9.8	21.7	35.5	53.3	74.1	97.1	121.5	146.3	168.3	188.0
-30°	0.0	9.5	21.1	34.5	51.5	71.5	93.6	117.4	141.8	163.7	183.5
-32.5°	0.0	9.3	20.5	33.4	49.5	68.6	89.9	113.0	136.7	158.7	178.5
-35°	0.0	9.0	19.8	32.3	47.4	65.5	86.1	108.4	131.3	153.4	173.2
-37.5°	0.0	8.7	19.1	31.0	45.1	62.4	82.2	103.4	125.4	147.7	167.1
-40°	0.0	8.4	18.3	29.7	42.7	59.4	78.1	98.2	119.1	140.9	160.2
-42.5°	0.0	8.1	17.5	28.3	40.4	56.2	73.6	92.6	112.7	133.4	153.0
-45°	0.0	7.8	16.7	26.7	38.4	52.9	69.0	87.0	106.0	125.6	145.4
-47.5°	0.0	7.4	15.8	25.1	36.2	49.4	64.1	81.3	99.1	117.6	136.4
-50°	0.0	7.1	14.9	23.7	34.0	45.8	59.7	75.3	92.0	109.5	127.2
-52.5°	0.0	6.7	14.0	22.2	31.7	42.0	55.2	69.1	84.9	101.2	117.7
-55°	0.0	6.3	13.0	20.7	29.2	38.8	50.5	62.8	77.6	92.6	108.1
-57.5°	0.0	5.9	12.0	19.2	26.7	35.7	45.7	57.2	70.2	84.1	98.3
-60°	0.0	5.5	11.0	17.7	24.2	32.4	40.9	51.5	62.7	75.5	88.4
-62.5°	0.0	5.1	10.1	16.1	22.0	29.1	36.9	45.7	55.9	66.7	78.6
-65°	0.0	4.6	9.3	14.4	19.9	25.6	32.7	40.0	48.8	58.4	68.6
-67.5°	0.0	4.2	8.4	12.8	17.7	22.5	28.4	35.0	41.6	50.1	59.0
-70°	0.0	3.8	7.5	11.1	15.4	19.7	24.1	30.0	35.9	41.6	49.3
-72.5°	0.0	3.3	6.6	9.6	13.1	16.9	20.6	25.0	30.3	35.3	40.1
-75°	0.0	2.8	5.7	8.3	10.8	14.0	17.1	20.7	24.6	29.0	33.2
-77.5°	0.0	2.4	4.8	6.9	8.9	11.1	13.6	16.6	19.7	22.9	26.4
-80°	0.0	1.9	3.8	5.6	7.2	8.7	10.1	12.5	14.9	17.4	20.0
-82.5°	0.0	1.4	2.9	4.2	5.4	6.5	7.5	8.7	10.0	11.8	13.7
-85°	0.0	1.0	1.9	2.8	3.6	4.3	5.0	5.8	6.6	7.4	8.2
-87.5°	0.0	0.5	1.0	1.4	1.8	2.2	2.5	2.9	3.3	3.7	4.1
-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-SA3D-930-U-TS-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°	4.5	4.8	5.2	5.6	5.9	6.2	6.6	6.9	7.2	7.4	7.7
85°	8.9	9.7	10.7	11.5	12.3	13.0	13.7	14.3	15.1	15.9	16.8
82.5°	15.2	16.6	17.7	18.6	19.6	20.6	21.6	23.2	25.3	27.3	29.1
80°	21.9	23.4	25.6	28.1	30.7	33.1	35.5	37.8	40.2	42.9	45.7
77.5°	29.4	32.5	36.0	39.7	43.3	47.4	51.5	55.8	59.6	63.0	65.9
75°	37.2	41.5	47.2	53.0	58.4	63.8	69.3	74.6	79.2	83.6	87.9
72.5°	46.4	53.3	60.1	66.7	73.8	80.5	86.9	92.8	98.8	104.7	110.3
70°	57.3	65.2	73.4	81.7	89.9	97.4	104.7	112.2	119.5	126.2	132.1
67.5°	68.2	77.6	87.1	96.5	105.4	114.0	122.6	131.2	139.4	146.4	152.6
65°	79.4	89.9	100.5	110.7	120.4	130.4	140.2	149.7	157.4	163.8	170.1
62.5°	90.4	102.3	113.8	124.9	135.9	146.8	156.3	164.8	172.8	179.8	186.5
60°	101.6	114.5	127.0	139.2	150.8	160.8	170.5	179.1	187.1	194.7	200.4
57.5°	112.6	126.6	140.1	152.7	163.8	174.1	183.4	192.4	199.3	205.4	211.6
55°	123.5	138.4	152.3	164.7	176.0	185.9	195.3	202.8	209.7	215.5	221.5
52.5°	134.1	149.7	163.5	176.0	186.9	196.7	204.9	212.3	218.8	224.7	229.7
50°	144.5	159.8	174.1	185.9	196.8	205.9	213.7	220.8	227.1	232.5	237.0
47.5°	153.8	169.6	183.0	195.2	205.4	214.1	221.6	228.5	234.7	239.5	243.9
45°	162.4	178.0	191.7	203.2	213.3	221.4	228.7	235.8	241.0	245.7	249.1
42.5°	170.7	185.7	199.1	211.0	219.9	227.8	235.2	241.3	246.7	250.8	254.5
40°	177.7	193.3	206.0	216.9	226.0	233.5	240.3	246.5	251.8	255.8	259.8
37.5°	184.3	199.3	212.3	222.4	230.9	238.4	245.2	250.9	256.1	260.4	265.7
35°	190.7	205.1	217.1	227.0	235.3	242.7	249.2	255.0	260.1	266.0	272.2
32.5°	196.1	210.6	221.7	230.8	238.9	246.5	252.9	258.8	264.7	271.4	279.1
30°	200.7	214.6	225.7	234.2	242.3	249.4	256.3	262.7	269.2	277.2	287.3
27.5°	204.8	218.3	228.6	237.1	245.3	252.0	259.2	266.4	274.0	283.3	296.1
25°	208.7	221.7	231.2	239.8	247.4	254.4	261.8	269.2	278.7	291.1	307.7
22.5°	211.9	224.8	233.4	242.2	249.2	256.5	264.2	272.5	283.2	298.2	319.9
20°	214.5	226.7	235.3	244.0	250.6	258.4	266.2	275.3	288.1	307.6	332.8
17.5°	216.8	228.3	236.9	245.1	252.1	260.1	268.1	277.5	292.1	316.4	344.6
15°	218.8	229.6	238.2	245.9	253.3	261.3	269.7	280.6	297.5	324.9	355.3
12.5°	220.6	230.7	239.1	246.6	254.3	262.1	271.1	283.1	303.3	332.8	365.9
10°	222.1	231.5	239.8	247.1	255.0	262.6	272.2	284.8	307.3	337.3	372.2
7.5°	222.9	232.1	240.3	247.3	255.5	262.8	273.0	285.7	309.9	339.7	375.6
5°	223.4	232.7	240.8	247.8	255.9	263.1	273.6	285.8	311.0	340.1	376.9
2.5°	223.6	233.0	241.2	248.1	256.4	264.1	274.9	287.3	311.9	341.8	377.8
0°	223.4	233.1	241.3	248.2	256.5	264.8	275.8	288.2	311.7	343.4	377.9
-2.5°	223.6	233.0	241.2	248.1	256.4	264.1	274.9	287.3	311.9	341.8	377.8
-5°	223.4	232.7	240.8	247.8	255.9	263.1	273.6	285.8	311.0	340.1	376.9
-7.5°	222.9	232.1	240.3	247.3	255.5	262.8	273.0	285.7	309.9	339.7	375.6
-10°	222.1	231.5	239.8	247.1	255.0	262.6	272.2	284.8	307.3	337.3	372.2
-12.5°	220.6	230.7	239.1	246.6	254.3	262.1	271.1	283.1	303.3	332.8	365.9
-15°	218.8	229.6	238.2	245.9	253.3	261.3	269.7	280.6	297.5	324.9	355.3
-17.5°	216.8	228.3	236.9	245.1	252.1	260.1	268.1	277.5	292.1	316.4	344.6
-20°	214.5	226.7	235.3	244.0	250.6	258.4	266.2	275.3	288.1	307.6	332.8



REPORT NUMBER: P558824 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	211.9	224.8	233.4	242.2	249.2	256.5	264.2	272.5	283.2	298.2	319.9
-25°	208.7	221.7	231.2	239.8	247.4	254.4	261.8	269.2	278.7	291.1	307.7
-27.5°	204.8	218.3	228.6	237.1	245.3	252.0	259.2	266.4	274.0	283.3	296.1
-30°	200.7	214.6	225.7	234.2	242.3	249.4	256.3	262.7	269.2	277.2	287.3
-32.5°	196.1	210.6	221.7	230.8	238.9	246.5	252.9	258.8	264.7	271.4	279.1
-35°	190.7	205.1	217.1	227.0	235.3	242.7	249.2	255.0	260.1	266.0	272.2
-37.5°	184.3	199.3	212.3	222.4	230.9	238.4	245.2	250.9	256.1	260.4	265.7
-40°	177.7	193.3	206.0	216.9	226.0	233.5	240.3	246.5	251.8	255.8	259.8
-42.5°	170.7	185.7	199.1	211.0	219.9	227.8	235.2	241.3	246.7	250.8	254.5
-45°	162.4	178.0	191.7	203.2	213.3	221.4	228.7	235.8	241.0	245.7	249.1
-47.5°	153.8	169.6	183.0	195.2	205.4	214.1	221.6	228.5	234.7	239.5	243.9
-50°	144.5	159.8	174.1	185.9	196.8	205.9	213.7	220.8	227.1	232.5	237.0
-52.5°	134.1	149.7	163.5	176.0	186.9	196.7	204.9	212.3	218.8	224.7	229.7
-55°	123.5	138.4	152.3	164.7	176.0	185.9	195.3	202.8	209.7	215.5	221.5
-57.5°	112.6	126.6	140.1	152.7	163.8	174.1	183.4	192.4	199.3	205.4	211.6
-60°	101.6	114.5	127.0	139.2	150.8	160.8	170.5	179.1	187.1	194.7	200.4
-62.5°	90.4	102.3	113.8	124.9	135.9	146.8	156.3	164.8	172.8	179.8	186.5
-65°	79.4	89.9	100.5	110.7	120.4	130.4	140.2	149.7	157.4	163.8	170.1
-67.5°	68.2	77.6	87.1	96.5	105.4	114.0	122.6	131.2	139.4	146.4	152.6
-70°	57.3	65.2	73.4	81.7	89.9	97.4	104.7	112.2	119.5	126.2	132.1
-72.5°	46.4	53.3	60.1	66.7	73.8	80.5	86.9	92.8	98.8	104.7	110.3
-75°	37.2	41.5	47.2	53.0	58.4	63.8	69.3	74.6	79.2	83.6	87.9
-77.5°	29.4	32.5	36.0	39.7	43.3	47.4	51.5	55.8	59.6	63.0	65.9
-80°	21.9	23.4	25.6	28.1	30.7	33.1	35.5	37.8	40.2	42.9	45.7
-82.5°	15.2	16.6	17.7	18.6	19.6	20.6	21.6	23.2	25.3	27.3	29.1
-85°	8.9	9.7	10.7	11.5	12.3	13.0	13.7	14.3	15.1	15.9	16.8
-87.5°	4.5	4.8	5.2	5.6	5.9	6.2	6.6	6.9	7.2	7.4	7.7
-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: P558824 (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°	7.9	7.9	7.8	7.7	7.5	7.7	7.8	7.9	8.0	8.1	8.2
85°	17.6	18.3	19.1	19.8	20.6	21.1	21.6	22.0	22.4	22.7	22.9
82.5°	30.9	32.4	33.9	35.1	36.3	37.3	38.1	38.9	39.5	40.1	40.6
80°	48.2	50.5	52.8	54.9	56.8	58.4	59.7	60.7	61.6	62.6	63.4
77.5°	68.8	72.2	75.3	78.2	80.7	82.9	84.7	86.3	87.7	89.3	90.9
75°	92.2	96.2	99.9	103.2	106.2	109.0	111.4	113.6	115.4	117.2	118.8
72.5°	115.5	120.4	124.6	128.1	131.4	134.5	137.6	140.5	143.1	145.1	146.6
70°	137.5	142.5	147.0	151.1	154.9	158.8	162.8	166.5	169.9	172.0	173.3
67.5°	157.7	162.8	167.9	173.0	177.5	181.6	185.6	189.3	192.5	194.8	196.1
65°	176.0	181.6	187.1	192.2	197.0	200.5	204.2	207.6	210.9	213.5	215.4
62.5°	193.0	198.5	203.2	207.6	211.7	215.2	218.7	221.9	224.7	227.1	229.4
60°	206.0	211.6	216.2	220.3	224.1	227.6	230.4	232.7	234.6	236.2	237.6
57.5°	217.2	222.6	227.2	230.5	233.9	237.2	239.6	241.1	242.3	243.1	243.7
55°	226.8	231.1	234.9	238.7	242.0	244.9	247.1	248.0	248.7	249.0	249.3
52.5°	234.6	238.8	242.7	246.2	248.9	251.3	253.4	254.0	254.3	254.4	254.5
50°	241.7	245.7	248.9	251.9	254.5	256.7	258.5	259.4	259.8	259.9	259.6
47.5°	247.3	250.9	254.3	257.4	260.1	262.6	264.7	265.9	266.7	267.1	267.0
45°	252.3	256.5	260.2	263.7	266.8	270.2	273.0	274.9	276.9	278.2	278.8
42.5°	258.3	262.4	266.5	271.4	276.0	280.3	285.0	289.1	293.4	297.9	301.0
40°	264.3	268.7	275.0	281.0	287.7	293.7	303.6	313.4	320.9	327.2	333.0
37.5°	271.2	277.7	285.2	292.9	303.8	315.0	327.5	339.7	350.3	359.9	367.6
35°	279.1	287.8	297.0	310.7	324.5	338.4	353.3	369.6	383.3	393.4	400.6
32.5°	288.8	299.8	314.6	332.0	349.0	367.0	385.0	403.1	416.6	430.6	444.7
30°	299.5	315.4	334.5	355.7	376.9	398.4	421.0	446.1	470.0	495.6	532.3
27.5°	313.2	332.5	355.0	380.0	405.6	431.3	470.6	513.7	577.7	628.7	715.5
25°	327.8	350.5	377.2	406.2	437.4	483.4	555.4	640.4	791.2	908.1	1085.5
22.5°	344.1	370.8	400.3	433.6	484.0	570.7	693.8	912.3	1216.3	1516.4	1850.3
20°	360.2	389.7	422.0	472.4	558.0	695.2	961.8	1434.1	1961.6	2712.7	3343.1
17.5°	375.4	406.7	447.8	516.0	644.1	920.0	1436.4	2245.4	3347.2	4557.8	5567.4
15°	388.8	420.8	476.1	584.2	800.6	1230.3	2010.0	3386.9	5238.0	6895.6	8374.1
12.5°	400.1	438.0	506.8	639.1	936.5	1572.5	2823.3	4778.4	7038.9	9363.6	11234.6
10°	408.3	456.2	547.8	740.8	1152.3	1979.8	3501.1	5967.3	8689.1	11514.6	14896.9
7.5°	413.3	469.3	578.8	816.4	1344.8	2433.3	4351.4	7028.8	10154.4	14011.5	19179.2
5°	416.8	478.2	601.9	873.3	1473.4	2733.1	4888.3	7833.0	11418.8	16995.8	27631.2
2.5°	418.6	482.1	614.9	904.5	1532.1	2887.3	5266.1	8293.6	12188.0	19101.1	33486.4
0°	417.9	479.9	616.5	911.6	1540.5	3005.1	5328.9	8425.1	12448.0	19289.8	35363.5
-2.5°	418.6	482.1	614.9	904.5	1532.1	2887.3	5266.1	8293.6	12188.0	19101.1	33486.4
-5°	416.8	478.2	601.9	873.3	1473.4	2733.1	4888.3	7833.0	11418.8	16995.8	27631.2
-7.5°	413.3	469.3	578.8	816.4	1344.8	2433.3	4351.4	7028.8	10154.4	14011.5	19179.2
-10°	408.3	456.2	547.8	740.8	1152.3	1979.8	3501.1	5967.3	8689.1	11514.6	14896.9
-12.5°	400.1	438.0	506.8	639.1	936.5	1572.5	2823.3	4778.4	7038.9	9363.6	11234.6
-15°	388.8	420.8	476.1	584.2	800.6	1230.3	2010.0	3386.9	5238.0	6895.6	8374.1
-17.5°	375.4	406.7	447.8	516.0	644.1	920.0	1436.4	2245.4	3347.2	4557.8	5567.4
-20°	360.2	389.7	422.0	472.4	558.0	695.2	961.8	1434.1	1961.6	2712.7	3343.1



REPORT NUMBER: P558824 (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°	344.1	370.8	400.3	433.6	484.0	570.7	693.8	912.3	1216.3	1516.4	1850.3
-25°	327.8	350.5	377.2	406.2	437.4	483.4	555.4	640.4	791.2	908.1	1085.5
-27.5°	313.2	332.5	355.0	380.0	405.6	431.3	470.6	513.7	577.7	628.7	715.5
-30°	299.5	315.4	334.5	355.7	376.9	398.4	421.0	446.1	470.0	495.6	532.3
-32.5°	288.8	299.8	314.6	332.0	349.0	367.0	385.0	403.1	416.6	430.6	444.7
-35°	279.1	287.8	297.0	310.7	324.5	338.4	353.3	369.6	383.3	393.4	400.6
-37.5°	271.2	277.7	285.2	292.9	303.8	315.0	327.5	339.7	350.3	359.9	367.6
-40°	264.3	268.7	275.0	281.0	287.7	293.7	303.6	313.4	320.9	327.2	333.0
-42.5°	258.3	262.4	266.5	271.4	276.0	280.3	285.0	289.1	293.4	297.9	301.0
-45°	252.3	256.5	260.2	263.7	266.8	270.2	273.0	274.9	276.9	278.2	278.8
-47.5°	247.3	250.9	254.3	257.4	260.1	262.6	264.7	265.9	266.7	267.1	267.0
-50°	241.7	245.7	248.9	251.9	254.5	256.7	258.5	259.4	259.8	259.9	259.6
-52.5°	234.6	238.8	242.7	246.2	248.9	251.3	253.4	254.0	254.3	254.4	254.5
-55°	226.8	231.1	234.9	238.7	242.0	244.9	247.1	248.0	248.7	249.0	249.3
-57.5°	217.2	222.6	227.2	230.5	233.9	237.2	239.6	241.1	242.3	243.1	243.7
-60°	206.0	211.6	216.2	220.3	224.1	227.6	230.4	232.7	234.6	236.2	237.6
-62.5°	193.0	198.5	203.2	207.6	211.7	215.2	218.7	221.9	224.7	227.1	229.4
-65°	176.0	181.6	187.1	192.2	197.0	200.5	204.2	207.6	210.9	213.5	215.4
-67.5°	157.7	162.8	167.9	173.0	177.5	181.6	185.6	189.3	192.5	194.8	196.1
-70°	137.5	142.5	147.0	151.1	154.9	158.8	162.8	166.5	169.9	172.0	173.3
-72.5°	115.5	120.4	124.6	128.1	131.4	134.5	137.6	140.5	143.1	145.1	146.6
-75°	92.2	96.2	99.9	103.2	106.2	109.0	111.4	113.6	115.4	117.2	118.8
-77.5°	68.8	72.2	75.3	78.2	80.7	82.9	84.7	86.3	87.7	89.3	90.9
-80°	48.2	50.5	52.8	54.9	56.8	58.4	59.7	60.7	61.6	62.6	63.4
-82.5°	30.9	32.4	33.9	35.1	36.3	37.3	38.1	38.9	39.5	40.1	40.6
-85°	17.6	18.3	19.1	19.8	20.6	21.1	21.6	22.0	22.4	22.7	22.9
-87.5°	7.9	7.9	7.8	7.7	7.5	7.7	7.8	7.9	8.0	8.1	8.2
-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: P558824 (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°	8.2	8.3	8.3	8.3	8.3	8.3	8.2	8.2	8.1	8.0	7.9
85°	23.1	23.3	23.4	23.4	23.4	23.3	23.1	22.9	22.7	22.4	22.0
82.5°	40.9	41.2	41.3	41.4	41.3	41.2	40.9	40.6	40.1	39.5	38.9
80°	64.0	64.4	64.7	64.8	64.7	64.4	64.0	63.4	62.6	61.6	60.7
77.5°	92.2	93.2	93.7	93.8	93.7	93.2	92.2	90.9	89.3	87.7	86.3
75°	119.9	120.8	121.2	121.4	121.2	120.8	119.9	118.8	117.2	115.4	113.6
72.5°	147.6	148.2	149.4	150.3	149.4	148.2	147.6	146.6	145.1	143.1	140.5
70°	174.0	174.4	175.5	176.5	175.5	174.4	174.0	173.3	172.0	169.9	166.5
67.5°	197.2	197.8	197.8	197.2	197.8	197.8	197.2	196.1	194.8	192.5	189.3
65°	217.0	218.4	218.5	217.9	218.5	218.4	217.0	215.4	213.5	210.9	207.6
62.5°	231.6	233.6	234.3	234.5	234.3	233.6	231.6	229.4	227.1	224.7	221.9
60°	238.8	239.6	239.9	240.0	239.9	239.6	238.8	237.6	236.2	234.6	232.7
57.5°	244.0	244.0	244.0	244.1	244.0	244.0	244.0	243.7	243.1	242.3	241.1
55°	249.4	249.4	249.0	248.2	249.0	249.4	249.4	249.3	249.0	248.7	248.0
52.5°	254.3	253.9	253.2	252.4	253.2	253.9	254.3	254.5	254.4	254.3	254.0
50°	259.1	258.2	257.8	257.9	257.8	258.2	259.1	259.6	259.9	259.8	259.4
47.5°	266.8	266.3	266.0	266.2	266.0	266.3	266.8	267.0	267.1	266.7	265.9
45°	279.1	278.6	278.3	278.6	278.3	278.6	279.1	278.8	278.2	276.9	274.9
42.5°	302.8	303.0	302.8	303.4	302.8	303.0	302.8	301.0	297.9	293.4	289.1
40°	335.3	335.1	334.0	333.7	334.0	335.1	335.3	333.0	327.2	320.9	313.4
37.5°	370.8	370.9	369.7	369.6	369.7	370.9	370.8	367.6	359.9	350.3	339.7
35°	404.3	405.6	405.3	404.1	405.3	405.6	404.3	400.6	393.4	383.3	369.6
32.5°	454.7	462.4	466.5	464.8	466.5	462.4	454.7	444.7	430.6	416.6	403.1
30°	555.4	575.3	585.7	590.3	585.7	575.3	555.4	532.3	495.6	470.0	446.1
27.5°	777.6	821.4	841.1	848.2	841.1	821.4	777.6	715.5	628.7	577.7	513.7
25°	1240.4	1339.4	1388.3	1403.9	1388.3	1339.4	1240.4	1085.5	908.1	791.2	640.4
22.5°	2217.9	2408.6	2539.0	2567.9	2539.0	2408.6	2217.9	1850.3	1516.4	1216.3	912.3
20°	3976.8	4345.6	4545.7	4527.7	4545.7	4345.6	3976.8	3343.1	2712.7	1961.6	1434.1
17.5°	6425.5	6898.4	7123.6	7018.4	7123.6	6898.4	6425.5	5567.4	4557.8	3347.2	2245.4
15°	9419.6	10058.5	10337.2	10423.4	10337.2	10058.5	9419.6	8374.1	6895.6	5238.0	3386.9
12.5°	13102.3	15196.8	16198.4	16466.7	16198.4	15196.8	13102.3	11234.6	9363.6	7038.9	4778.4
10°	18356.5	25396.8	29584.4	30606.9	29584.4	25396.8	18356.5	14896.9	11514.6	8689.1	5967.3
7.5°	29977.7	44284.1	60310.6	67899.8	60310.6	44284.1	29977.7	19179.2	14011.5	10154.4	7028.8
5°	45715.9	79343.6	116449.7	130996.0	116449.7	79343.6	45715.9	27631.2	16995.8	11418.8	7833.0
2.5°	64848.3	119802.7	171074.2	190187.2	171074.2	119802.7	64848.3	33486.4	19101.1	12188.0	8293.6
0°	72931.5	138119.1	188486.8	204859.0	188486.8	138119.1	72931.5	35363.5	19289.8	12448.0	8425.1
-2.5°	64848.3	119802.7	171074.2	190187.2	171074.2	119802.7	64848.3	33486.4	19101.1	12188.0	8293.6
-5°	45715.9	79343.6	116449.7	130996.0	116449.7	79343.6	45715.9	27631.2	16995.8	11418.8	7833.0
-7.5°	29977.7	44284.1	60310.6	67899.8	60310.6	44284.1	29977.7	19179.2	14011.5	10154.4	7028.8
-10°	18356.5	25396.8	29584.4	30606.9	29584.4	25396.8	18356.5	14896.9	11514.6	8689.1	5967.3
-12.5°	13102.3	15196.8	16198.4	16466.7	16198.4	15196.8	13102.3	11234.6	9363.6	7038.9	4778.4
-15°	9419.6	10058.5	10337.2	10423.4	10337.2	10058.5	9419.6	8374.1	6895.6	5238.0	3386.9
-17.5°	6425.5	6898.4	7123.6	7018.4	7123.6	6898.4	6425.5	5567.4	4557.8	3347.2	2245.4
-20°	3976.8	4345.6	4545.7	4527.7	4545.7	4345.6	3976.8	3343.1	2712.7	1961.6	1434.1



REPORT NUMBER: P558824 (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°	2217.9	2408.6	2539.0	2567.9	2539.0	2408.6	2217.9	1850.3	1516.4	1216.3	912.3
-25°	1240.4	1339.4	1388.3	1403.9	1388.3	1339.4	1240.4	1085.5	908.1	791.2	640.4
-27.5°	777.6	821.4	841.1	848.2	841.1	821.4	777.6	715.5	628.7	577.7	513.7
-30°	555.4	575.3	585.7	590.3	585.7	575.3	555.4	532.3	495.6	470.0	446.1
-32.5°	454.7	462.4	466.5	464.8	466.5	462.4	454.7	444.7	430.6	416.6	403.1
-35°	404.3	405.6	405.3	404.1	405.3	405.6	404.3	400.6	393.4	383.3	369.6
-37.5°	370.8	370.9	369.7	369.6	369.7	370.9	370.8	367.6	359.9	350.3	339.7
-40°	335.3	335.1	334.0	333.7	334.0	335.1	335.3	333.0	327.2	320.9	313.4
-42.5°	302.8	303.0	302.8	303.4	302.8	303.0	302.8	301.0	297.9	293.4	289.1
-45°	279.1	278.6	278.3	278.6	278.3	278.6	279.1	278.8	278.2	276.9	274.9
-47.5°	266.8	266.3	266.0	266.2	266.0	266.3	266.8	267.0	267.1	266.7	265.9
-50°	259.1	258.2	257.8	257.9	257.8	258.2	259.1	259.6	259.9	259.8	259.4
-52.5°	254.3	253.9	253.2	252.4	253.2	253.9	254.3	254.5	254.4	254.3	254.0
-55°	249.4	249.4	249.0	248.2	249.0	249.4	249.4	249.3	249.0	248.7	248.0
-57.5°	244.0	244.0	244.0	244.1	244.0	244.0	244.0	243.7	243.1	242.3	241.1
-60°	238.8	239.6	239.9	240.0	239.9	239.6	238.8	237.6	236.2	234.6	232.7
-62.5°	231.6	233.6	234.3	234.5	234.3	233.6	231.6	229.4	227.1	224.7	221.9
-65°	217.0	218.4	218.5	217.9	218.5	218.4	217.0	215.4	213.5	210.9	207.6
-67.5°	197.2	197.8	197.8	197.2	197.8	197.8	197.2	196.1	194.8	192.5	189.3
-70°	174.0	174.4	175.5	176.5	175.5	174.4	174.0	173.3	172.0	169.9	166.5
-72.5°	147.6	148.2	149.4	150.3	149.4	148.2	147.6	146.6	145.1	143.1	140.5
-75°	119.9	120.8	121.2	121.4	121.2	120.8	119.9	118.8	117.2	115.4	113.6
-77.5°	92.2	93.2	93.7	93.8	93.7	93.2	92.2	90.9	89.3	87.7	86.3
-80°	64.0	64.4	64.7	64.8	64.7	64.4	64.0	63.4	62.6	61.6	60.7
-82.5°	40.9	41.2	41.3	41.4	41.3	41.2	40.9	40.6	40.1	39.5	38.9
-85°	23.1	23.3	23.4	23.4	23.4	23.3	23.1	22.9	22.7	22.4	22.0
-87.5°	8.2	8.3	8.3	8.3	8.3	8.3	8.2	8.2	8.1	8.0	7.9
-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: P558824 (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°	7.8	7.7	7.5	7.7	7.8	7.9	7.9	7.7	7.4	7.2	6.9
85°	21.6	21.1	20.6	19.8	19.1	18.3	17.6	16.8	15.9	15.1	14.3
82.5°	38.1	37.3	36.3	35.1	33.9	32.4	30.9	29.1	27.3	25.3	23.2
80°	59.7	58.4	56.8	54.9	52.8	50.5	48.2	45.7	42.9	40.2	37.8
77.5°	84.7	82.9	80.7	78.2	75.3	72.2	68.8	65.9	63.0	59.6	55.8
75°	111.4	109.0	106.2	103.2	99.9	96.2	92.2	87.9	83.6	79.2	74.6
72.5°	137.6	134.5	131.4	128.1	124.6	120.4	115.5	110.3	104.7	98.8	92.8
70°	162.8	158.8	154.9	151.1	147.0	142.5	137.5	132.1	126.2	119.5	112.2
67.5°	185.6	181.6	177.5	173.0	167.9	162.8	157.7	152.6	146.4	139.4	131.2
65°	204.2	200.5	197.0	192.2	187.1	181.6	176.0	170.1	163.8	157.4	149.7
62.5°	218.7	215.2	211.7	207.6	203.2	198.5	193.0	186.5	179.8	172.8	164.8
60°	230.4	227.6	224.1	220.3	216.2	211.6	206.0	200.4	194.7	187.1	179.1
57.5°	239.6	237.2	233.9	230.5	227.2	222.6	217.2	211.6	205.4	199.3	192.4
55°	247.1	244.9	242.0	238.7	234.9	231.1	226.8	221.5	215.5	209.7	202.8
52.5°	253.4	251.3	248.9	246.2	242.7	238.8	234.6	229.7	224.7	218.8	212.3
50°	258.5	256.7	254.5	251.9	248.9	245.7	241.7	237.0	232.5	227.1	220.8
47.5°	264.7	262.6	260.1	257.4	254.3	250.9	247.3	243.9	239.5	234.7	228.5
45°	273.0	270.2	266.8	263.7	260.2	256.5	252.3	249.1	245.7	241.0	235.8
42.5°	285.0	280.3	276.0	271.4	266.5	262.4	258.3	254.5	250.8	246.7	241.3
40°	303.6	293.7	287.7	281.0	275.0	268.7	264.3	259.8	255.8	251.8	246.5
37.5°	327.5	315.0	303.8	292.9	285.2	277.7	271.2	265.7	260.4	256.1	250.9
35°	353.3	338.4	324.5	310.7	297.0	287.8	279.1	272.2	266.0	260.1	255.0
32.5°	385.0	367.0	349.0	332.0	314.6	299.8	288.8	279.1	271.4	264.7	258.8
30°	421.0	398.4	376.9	355.7	334.5	315.4	299.5	287.3	277.2	269.2	262.7
27.5°	470.6	431.3	405.6	380.0	355.0	332.5	313.2	296.1	283.3	274.0	266.4
25°	555.4	483.4	437.4	406.2	377.2	350.5	327.8	307.7	291.1	278.7	269.2
22.5°	693.8	570.7	484.0	433.6	400.3	370.8	344.1	319.9	298.2	283.2	272.5
20°	961.8	695.2	558.0	472.4	422.0	389.7	360.2	332.8	307.6	288.1	275.3
17.5°	1436.4	920.0	644.1	516.0	447.8	406.7	375.4	344.6	316.4	292.1	277.5
15°	2010.0	1230.3	800.6	584.2	476.1	420.8	388.8	355.3	324.9	297.5	280.6
12.5°	2823.3	1572.5	936.5	639.1	506.8	438.0	400.1	365.9	332.8	303.3	283.1
10°	3501.1	1979.8	1152.3	740.8	547.8	456.2	408.3	372.2	337.3	307.3	284.8
7.5°	4351.4	2433.3	1344.8	816.4	578.8	469.3	413.3	375.6	339.7	309.9	285.7
5°	4888.3	2733.1	1473.4	873.3	601.9	478.2	416.8	376.9	340.1	311.0	285.8
2.5°	5266.1	2887.3	1532.1	904.5	614.9	482.1	418.6	377.8	341.8	311.9	287.3
0°	5328.9	3005.1	1540.5	911.6	616.5	479.9	417.9	377.9	343.4	311.7	288.2
-2.5°	5266.1	2887.3	1532.1	904.5	614.9	482.1	418.6	377.8	341.8	311.9	287.3
-5°	4888.3	2733.1	1473.4	873.3	601.9	478.2	416.8	376.9	340.1	311.0	285.8
-7.5°	4351.4	2433.3	1344.8	816.4	578.8	469.3	413.3	375.6	339.7	309.9	285.7
-10°	3501.1	1979.8	1152.3	740.8	547.8	456.2	408.3	372.2	337.3	307.3	284.8
-12.5°	2823.3	1572.5	936.5	639.1	506.8	438.0	400.1	365.9	332.8	303.3	283.1
-15°	2010.0	1230.3	800.6	584.2	476.1	420.8	388.8	355.3	324.9	297.5	280.6
-17.5°	1436.4	920.0	644.1	516.0	447.8	406.7	375.4	344.6	316.4	292.1	277.5
-20°	961.8	695.2	558.0	472.4	422.0	389.7	360.2	332.8	307.6	288.1	275.3



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	693.8	570.7	484.0	433.6	400.3	370.8	344.1	319.9	298.2	283.2	272.5
-25°	555.4	483.4	437.4	406.2	377.2	350.5	327.8	307.7	291.1	278.7	269.2
-27.5°	470.6	431.3	405.6	380.0	355.0	332.5	313.2	296.1	283.3	274.0	266.4
-30°	421.0	398.4	376.9	355.7	334.5	315.4	299.5	287.3	277.2	269.2	262.7
-32.5°	385.0	367.0	349.0	332.0	314.6	299.8	288.8	279.1	271.4	264.7	258.8
-35°	353.3	338.4	324.5	310.7	297.0	287.8	279.1	272.2	266.0	260.1	255.0
-37.5°	327.5	315.0	303.8	292.9	285.2	277.7	271.2	265.7	260.4	256.1	250.9
-40°	303.6	293.7	287.7	281.0	275.0	268.7	264.3	259.8	255.8	251.8	246.5
-42.5°	285.0	280.3	276.0	271.4	266.5	262.4	258.3	254.5	250.8	246.7	241.3
-45°	273.0	270.2	266.8	263.7	260.2	256.5	252.3	249.1	245.7	241.0	235.8
-47.5°	264.7	262.6	260.1	257.4	254.3	250.9	247.3	243.9	239.5	234.7	228.5
-50°	258.5	256.7	254.5	251.9	248.9	245.7	241.7	237.0	232.5	227.1	220.8
-52.5°	253.4	251.3	248.9	246.2	242.7	238.8	234.6	229.7	224.7	218.8	212.3
-55°	247.1	244.9	242.0	238.7	234.9	231.1	226.8	221.5	215.5	209.7	202.8
-57.5°	239.6	237.2	233.9	230.5	227.2	222.6	217.2	211.6	205.4	199.3	192.4
-60°	230.4	227.6	224.1	220.3	216.2	211.6	206.0	200.4	194.7	187.1	179.1
-62.5°	218.7	215.2	211.7	207.6	203.2	198.5	193.0	186.5	179.8	172.8	164.8
-65°	204.2	200.5	197.0	192.2	187.1	181.6	176.0	170.1	163.8	157.4	149.7
-67.5°	185.6	181.6	177.5	173.0	167.9	162.8	157.7	152.6	146.4	139.4	131.2
-70°	162.8	158.8	154.9	151.1	147.0	142.5	137.5	132.1	126.2	119.5	112.2
-72.5°	137.6	134.5	131.4	128.1	124.6	120.4	115.5	110.3	104.7	98.8	92.8
-75°	111.4	109.0	106.2	103.2	99.9	96.2	92.2	87.9	83.6	79.2	74.6
-77.5°	84.7	82.9	80.7	78.2	75.3	72.2	68.8	65.9	63.0	59.6	55.8
-80°	59.7	58.4	56.8	54.9	52.8	50.5	48.2	45.7	42.9	40.2	37.8
-82.5°	38.1	37.3	36.3	35.1	33.9	32.4	30.9	29.1	27.3	25.3	23.2
-85°	21.6	21.1	20.6	19.8	19.1	18.3	17.6	16.8	15.9	15.1	14.3
-87.5°	7.8	7.7	7.5	7.7	7.8	7.9	7.9	7.7	7.4	7.2	6.9
-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°	6.6	6.2	5.9	5.6	5.2	4.8	4.5	4.1	3.7	3.3	2.9
85°	13.7	13.0	12.3	11.5	10.7	9.7	8.9	8.2	7.4	6.6	5.8
82.5°	21.6	20.6	19.6	18.6	17.7	16.6	15.2	13.7	11.8	10.0	8.7
80°	35.5	33.1	30.7	28.1	25.6	23.4	21.9	20.0	17.4	14.9	12.5
77.5°	51.5	47.4	43.3	39.7	36.0	32.5	29.4	26.4	22.9	19.7	16.6
75°	69.3	63.8	58.4	53.0	47.2	41.5	37.2	33.2	29.0	24.6	20.7
72.5°	86.9	80.5	73.8	66.7	60.1	53.3	46.4	40.1	35.3	30.3	25.0
70°	104.7	97.4	89.9	81.7	73.4	65.2	57.3	49.3	41.6	35.9	30.0
67.5°	122.6	114.0	105.4	96.5	87.1	77.6	68.2	59.0	50.1	41.6	35.0
65°	140.2	130.4	120.4	110.7	100.5	89.9	79.4	68.6	58.4	48.8	40.0
62.5°	156.3	146.8	135.9	124.9	113.8	102.3	90.4	78.6	66.7	55.9	45.7
60°	170.5	160.8	150.8	139.2	127.0	114.5	101.6	88.4	75.5	62.7	51.5
57.5°	183.4	174.1	163.8	152.7	140.1	126.6	112.6	98.3	84.1	70.2	57.2
55°	195.3	185.9	176.0	164.7	152.3	138.4	123.5	108.1	92.6	77.6	62.8
52.5°	204.9	196.7	186.9	176.0	163.5	149.7	134.1	117.7	101.2	84.9	69.1
50°	213.7	205.9	196.8	185.9	174.1	159.8	144.5	127.2	109.5	92.0	75.3
47.5°	221.6	214.1	205.4	195.2	183.0	169.6	153.8	136.4	117.6	99.1	81.3
45°	228.7	221.4	213.3	203.2	191.7	178.0	162.4	145.4	125.6	106.0	87.0
42.5°	235.2	227.8	219.9	211.0	199.1	185.7	170.7	153.0	133.4	112.7	92.6
40°	240.3	233.5	226.0	216.9	206.0	193.3	177.7	160.2	140.9	119.1	98.2
37.5°	245.2	238.4	230.9	222.4	212.3	199.3	184.3	167.1	147.7	125.4	103.4
35°	249.2	242.7	235.3	227.0	217.1	205.1	190.7	173.2	153.4	131.3	108.4
32.5°	252.9	246.5	238.9	230.8	221.7	210.6	196.1	178.5	158.7	136.7	113.0
30°	256.3	249.4	242.3	234.2	225.7	214.6	200.7	183.5	163.7	141.8	117.4
27.5°	259.2	252.0	245.3	237.1	228.6	218.3	204.8	188.0	168.3	146.3	121.5
25°	261.8	254.4	247.4	239.8	231.2	221.7	208.7	192.2	172.2	150.0	125.3
22.5°	264.2	256.5	249.2	242.2	233.4	224.8	211.9	195.3	175.6	153.4	128.7
20°	266.2	258.4	250.6	244.0	235.3	226.7	214.5	198.2	178.6	156.4	131.7
17.5°	268.1	260.1	252.1	245.1	236.9	228.3	216.8	200.7	181.3	159.1	134.3
15°	269.7	261.3	253.3	245.9	238.2	229.6	218.8	203.0	183.5	161.3	136.5
12.5°	271.1	262.1	254.3	246.6	239.1	230.7	220.6	204.9	185.4	163.2	138.4
10°	272.2	262.6	255.0	247.1	239.8	231.5	222.1	206.4	186.9	164.8	139.9
7.5°	273.0	262.8	255.5	247.3	240.3	232.1	222.9	207.4	188.0	165.9	141.0
5°	273.6	263.1	255.9	247.8	240.8	232.7	223.4	208.1	188.7	166.6	141.7
2.5°	274.9	264.1	256.4	248.1	241.2	233.0	223.6	208.3	189.0	167.0	142.0
0°	275.8	264.8	256.5	248.2	241.3	233.1	223.4	208.2	188.9	166.9	142.0
-2.5°	274.9	264.1	256.4	248.1	241.2	233.0	223.6	208.3	189.0	167.0	142.0
-5°	273.6	263.1	255.9	247.8	240.8	232.7	223.4	208.1	188.7	166.6	141.7
-7.5°	273.0	262.8	255.5	247.3	240.3	232.1	222.9	207.4	188.0	165.9	141.0
-10°	272.2	262.6	255.0	247.1	239.8	231.5	222.1	206.4	186.9	164.8	139.9
-12.5°	271.1	262.1	254.3	246.6	239.1	230.7	220.6	204.9	185.4	163.2	138.4
-15°	269.7	261.3	253.3	245.9	238.2	229.6	218.8	203.0	183.5	161.3	136.5
-17.5°	268.1	260.1	252.1	245.1	236.9	228.3	216.8	200.7	181.3	159.1	134.3
-20°	266.2	258.4	250.6	244.0	235.3	226.7	214.5	198.2	178.6	156.4	131.7



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 CATALOG NUMBER: GFLD-SA3D-930-U-TS-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	264.2	256.5	249.2	242.2	233.4	224.8	211.9	195.3	175.6	153.4	128.7
-25°	261.8	254.4	247.4	239.8	231.2	221.7	208.7	192.2	172.2	150.0	125.3
-27.5°	259.2	252.0	245.3	237.1	228.6	218.3	204.8	188.0	168.3	146.3	121.5
-30°	256.3	249.4	242.3	234.2	225.7	214.6	200.7	183.5	163.7	141.8	117.4
-32.5°	252.9	246.5	238.9	230.8	221.7	210.6	196.1	178.5	158.7	136.7	113.0
-35°	249.2	242.7	235.3	227.0	217.1	205.1	190.7	173.2	153.4	131.3	108.4
-37.5°	245.2	238.4	230.9	222.4	212.3	199.3	184.3	167.1	147.7	125.4	103.4
-40°	240.3	233.5	226.0	216.9	206.0	193.3	177.7	160.2	140.9	119.1	98.2
-42.5°	235.2	227.8	219.9	211.0	199.1	185.7	170.7	153.0	133.4	112.7	92.6
-45°	228.7	221.4	213.3	203.2	191.7	178.0	162.4	145.4	125.6	106.0	87.0
-47.5°	221.6	214.1	205.4	195.2	183.0	169.6	153.8	136.4	117.6	99.1	81.3
-50°	213.7	205.9	196.8	185.9	174.1	159.8	144.5	127.2	109.5	92.0	75.3
-52.5°	204.9	196.7	186.9	176.0	163.5	149.7	134.1	117.7	101.2	84.9	69.1
-55°	195.3	185.9	176.0	164.7	152.3	138.4	123.5	108.1	92.6	77.6	62.8
-57.5°	183.4	174.1	163.8	152.7	140.1	126.6	112.6	98.3	84.1	70.2	57.2
-60°	170.5	160.8	150.8	139.2	127.0	114.5	101.6	88.4	75.5	62.7	51.5
-62.5°	156.3	146.8	135.9	124.9	113.8	102.3	90.4	78.6	66.7	55.9	45.7
-65°	140.2	130.4	120.4	110.7	100.5	89.9	79.4	68.6	58.4	48.8	40.0
-67.5°	122.6	114.0	105.4	96.5	87.1	77.6	68.2	59.0	50.1	41.6	35.0
-70°	104.7	97.4	89.9	81.7	73.4	65.2	57.3	49.3	41.6	35.9	30.0
-72.5°	86.9	80.5	73.8	66.7	60.1	53.3	46.4	40.1	35.3	30.3	25.0
-75°	69.3	63.8	58.4	53.0	47.2	41.5	37.2	33.2	29.0	24.6	20.7
-77.5°	51.5	47.4	43.3	39.7	36.0	32.5	29.4	26.4	22.9	19.7	16.6
-80°	35.5	33.1	30.7	28.1	25.6	23.4	21.9	20.0	17.4	14.9	12.5
-82.5°	21.6	20.6	19.6	18.6	17.7	16.6	15.2	13.7	11.8	10.0	8.7
-85°	13.7	13.0	12.3	11.5	10.7	9.7	8.9	8.2	7.4	6.6	5.8
-87.5°	6.6	6.2	5.9	5.6	5.2	4.8	4.5	4.1	3.7	3.3	2.9
-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):

	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°	2.5	2.2	1.8	1.4	1.0	0.5	0.0
85°	5.0	4.3	3.6	2.8	1.9	1.0	0.0
82.5°	7.5	6.5	5.4	4.2	2.9	1.4	0.0
80°	10.1	8.7	7.2	5.6	3.8	1.9	0.0
77.5°	13.6	11.1	8.9	6.9	4.8	2.4	0.0
75°	17.1	14.0	10.8	8.3	5.7	2.8	0.0
72.5°	20.6	16.9	13.1	9.6	6.6	3.3	0.0
70°	24.1	19.7	15.4	11.1	7.5	3.8	0.0
67.5°	28.4	22.5	17.7	12.8	8.4	4.2	0.0
65°	32.7	25.6	19.9	14.4	9.3	4.6	0.0
62.5°	36.9	29.1	22.0	16.1	10.1	5.1	0.0
60°	40.9	32.4	24.2	17.7	11.0	5.5	0.0
57.5°	45.7	35.7	26.7	19.2	12.0	5.9	0.0
55°	50.5	38.8	29.2	20.7	13.0	6.3	0.0
52.5°	55.2	42.0	31.7	22.2	14.0	6.7	0.0
50°	59.7	45.8	34.0	23.7	14.9	7.1	0.0
47.5°	64.1	49.4	36.2	25.1	15.8	7.4	0.0
45°	69.0	52.9	38.4	26.7	16.7	7.8	0.0
42.5°	73.6	56.2	40.4	28.3	17.5	8.1	0.0
40°	78.1	59.4	42.7	29.7	18.3	8.4	0.0
37.5°	82.2	62.4	45.1	31.0	19.1	8.7	0.0
35°	86.1	65.5	47.4	32.3	19.8	9.0	0.0
32.5°	89.9	68.6	49.5	33.4	20.5	9.3	0.0
30°	93.6	71.5	51.5	34.5	21.1	9.5	0.0
27.5°	97.1	74.1	53.3	35.5	21.7	9.8	0.0
25°	100.2	76.5	55.0	36.3	22.2	10.0	0.0
22.5°	103.1	78.7	56.5	37.1	22.7	10.2	0.0
20°	105.7	80.7	57.9	37.8	23.1	10.3	0.0
17.5°	108.0	82.5	59.2	38.4	23.5	10.5	0.0
15°	110.1	84.0	60.3	38.9	23.9	10.6	0.0
12.5°	111.8	85.3	61.2	39.3	24.1	10.7	0.0
10°	113.2	86.4	62.0	39.7	24.4	10.8	0.0
7.5°	114.4	87.2	62.6	39.9	24.6	10.9	0.0
5°	115.2	87.8	63.0	40.0	24.7	11.0	0.0
2.5°	115.6	88.2	63.3	40.0	24.8	11.0	0.0
0°	115.8	88.3	63.4	40.0	24.8	11.0	0.0
-2.5°	115.6	88.2	63.3	40.0	24.8	11.0	0.0
-5°	115.2	87.8	63.0	40.0	24.7	11.0	0.0
-7.5°	114.4	87.2	62.6	39.9	24.6	10.9	0.0
-10°	113.2	86.4	62.0	39.7	24.4	10.8	0.0
-12.5°	111.8	85.3	61.2	39.3	24.1	10.7	0.0
-15°	110.1	84.0	60.3	38.9	23.9	10.6	0.0
-17.5°	108.0	82.5	59.2	38.4	23.5	10.5	0.0
-20°	105.7	80.7	57.9	37.8	23.1	10.3	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	103.1	78.7	56.5	37.1	22.7	10.2	0.0
-25°	100.2	76.5	55.0	36.3	22.2	10.0	0.0
-27.5°	97.1	74.1	53.3	35.5	21.7	9.8	0.0
-30°	93.6	71.5	51.5	34.5	21.1	9.5	0.0
-32.5°	89.9	68.6	49.5	33.4	20.5	9.3	0.0
-35°	86.1	65.5	47.4	32.3	19.8	9.0	0.0
-37.5°	82.2	62.4	45.1	31.0	19.1	8.7	0.0
-40°	78.1	59.4	42.7	29.7	18.3	8.4	0.0
-42.5°	73.6	56.2	40.4	28.3	17.5	8.1	0.0
-45°	69.0	52.9	38.4	26.7	16.7	7.8	0.0
-47.5°	64.1	49.4	36.2	25.1	15.8	7.4	0.0
-50°	59.7	45.8	34.0	23.7	14.9	7.1	0.0
-52.5°	55.2	42.0	31.7	22.2	14.0	6.7	0.0
-55°	50.5	38.8	29.2	20.7	13.0	6.3	0.0
-57.5°	45.7	35.7	26.7	19.2	12.0	5.9	0.0
-60°	40.9	32.4	24.2	17.7	11.0	5.5	0.0
-62.5°	36.9	29.1	22.0	16.1	10.1	5.1	0.0
-65°	32.7	25.6	19.9	14.4	9.3	4.6	0.0
-67.5°	28.4	22.5	17.7	12.8	8.4	4.2	0.0
-70°	24.1	19.7	15.4	11.1	7.5	3.8	0.0
-72.5°	20.6	16.9	13.1	9.6	6.6	3.3	0.0
-75°	17.1	14.0	10.8	8.3	5.7	2.8	0.0
-77.5°	13.6	11.1	8.9	6.9	4.8	2.4	0.0
-80°	10.1	8.7	7.2	5.6	3.8	1.9	0.0
-82.5°	7.5	6.5	5.4	4.2	2.9	1.4	0.0
-85°	5.0	4.3	3.6	2.8	1.9	1.0	0.0
-87.5°	2.5	2.2	1.8	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)