

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: P558848 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-927-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558848 (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-SA3E-927-U-TS-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, TIGHT SPOT N2
Light Source: (48) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

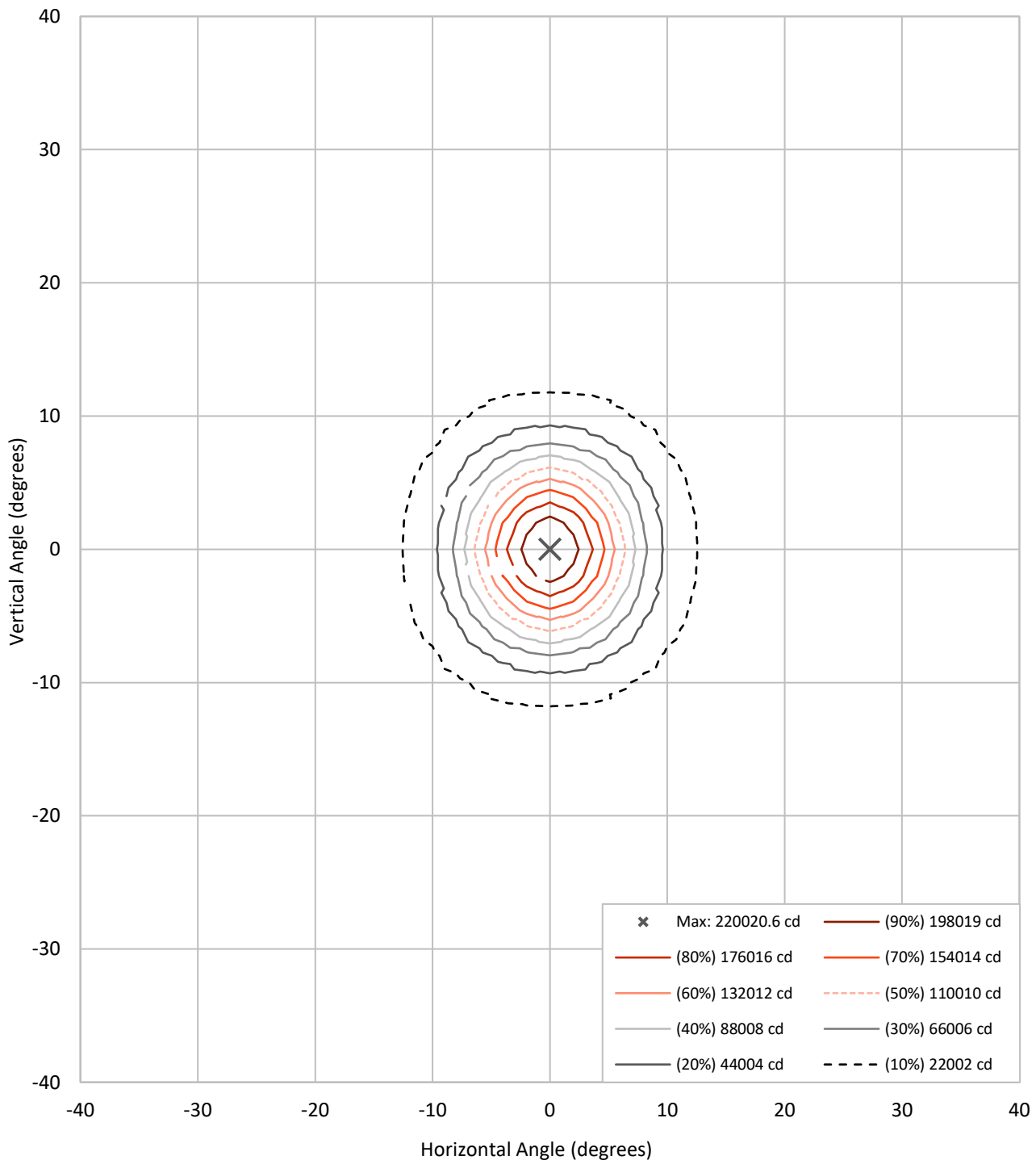
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	15948.6 lumens	Max Intensity:	220020.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	87.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	5039.5 lumens	Field Lumens:	11164.2 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 182
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: P558848 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





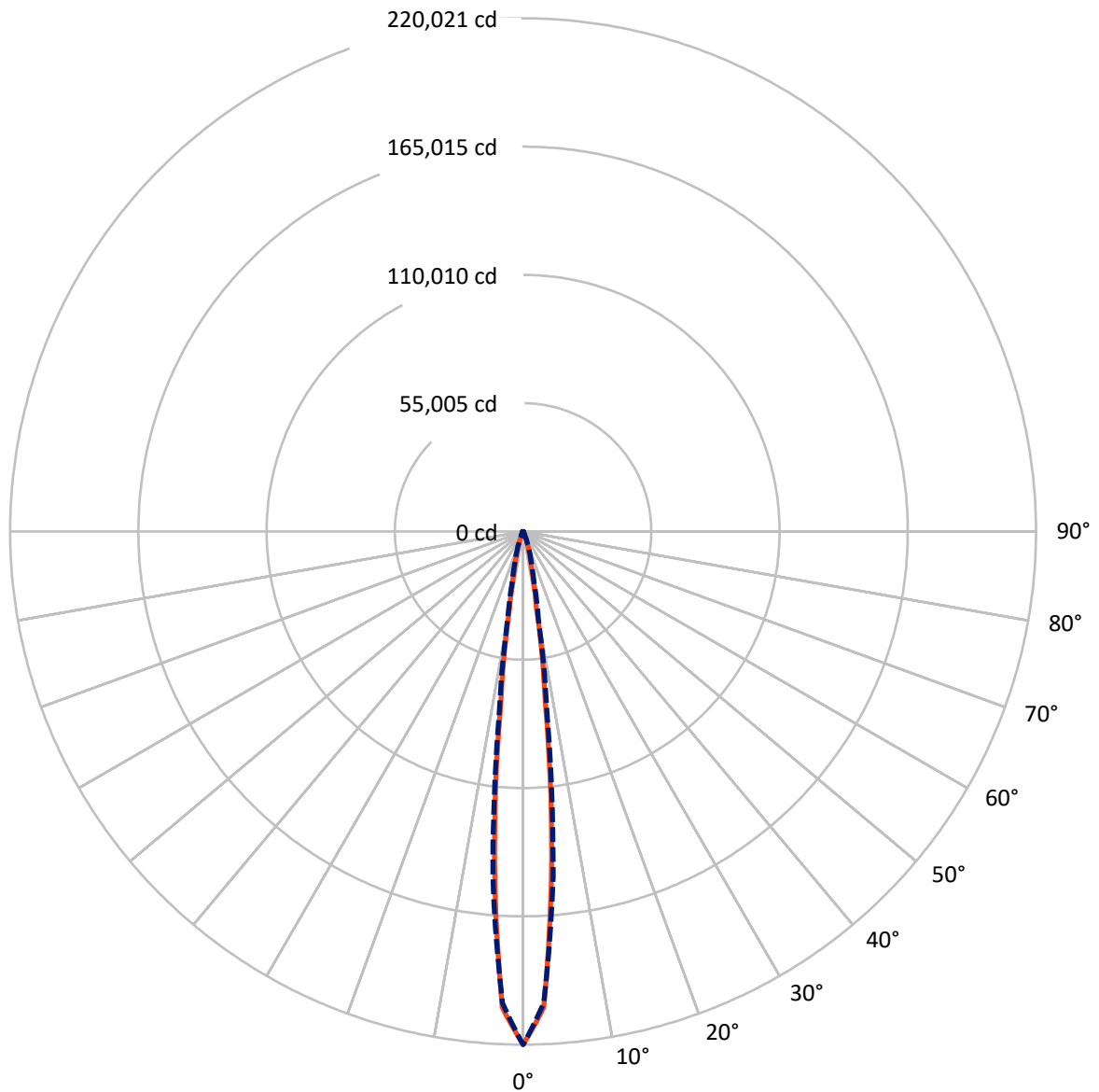
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Lumen Table

90	0.2	1.8		5.1		8.3		9.5		8.3		5.1		1.8		0.2
80	0.2	1.8		5.1		8.3		9.5		8.3		5.1		1.8		0.2
70	0.8	1.0	2.1	3.4	4.7	5.7	6.5	7.0	7.0	6.5	5.7	4.7	3.4	2.1	1.0	0.8
60		1.5	3.1	4.7	6.0	7.1	7.8	8.1	8.1	7.8	7.1	6.0	4.7	3.1	1.5	
50	1.5	2.0	3.8	5.4	6.8	8.0	8.9	9.3	9.3	8.9	8.0	6.8	5.4	3.8	2.0	1.5
40		2.4	4.2	5.9	7.5	9.7	12.2	13.7	13.7	12.2	9.7	7.5	5.9	4.2	2.4	
30	2.1	2.6	4.5	6.3	8.9	13.8	30.6	55.7	55.7	30.6	13.8	8.9	6.3	4.5	2.6	2.1
20		2.8	4.6	6.6	10.5	29.6	167.2	367.9	367.9	167.2	29.6	10.5	6.6	4.6	2.8	
10	2.2	2.9	4.7	6.8	11.7	56.8	401.5	2597.0	2597.0	401.5	56.8	11.7	6.8	4.7	2.9	2.2
0		2.9	4.7	6.8	11.7	56.8	401.5	2597.0	2597.0	401.5	56.8	11.7	6.8	4.7	2.9	
-10	2.1	2.8	4.6	6.6	10.5	29.6	167.2	367.9	367.9	167.2	29.6	10.5	6.6	4.6	2.8	2.1
-20		2.6	4.5	6.3	8.9	13.8	30.6	55.7	55.7	30.6	13.8	8.9	6.3	4.5	2.6	
-30	1.5	2.4	4.2	5.9	7.5	9.7	12.2	13.7	13.7	12.2	9.7	7.5	5.9	4.2	2.4	1.5
-40		2.0	3.8	5.4	6.8	8.0	8.9	9.3	9.3	8.9	8.0	6.8	5.4	3.8	2.0	
-50	0.8	1.5	3.1	4.7	6.0	7.1	7.8	8.1	8.1	7.8	7.1	6.0	4.7	3.1	1.5	0.8
-60		1.0	2.1	3.4	4.7	5.7	6.5	7.0	7.0	6.5	5.7	4.7	3.4	2.1	1.0	
-70	0.2	1.8		5.1		8.3		9.5		8.3		5.1		1.8		0.2
-80		1.8		5.1		8.3		9.5		8.3		5.1		1.8		
-90	0.2	1.8		5.1		8.3		9.5		8.3		5.1		1.8		0.2

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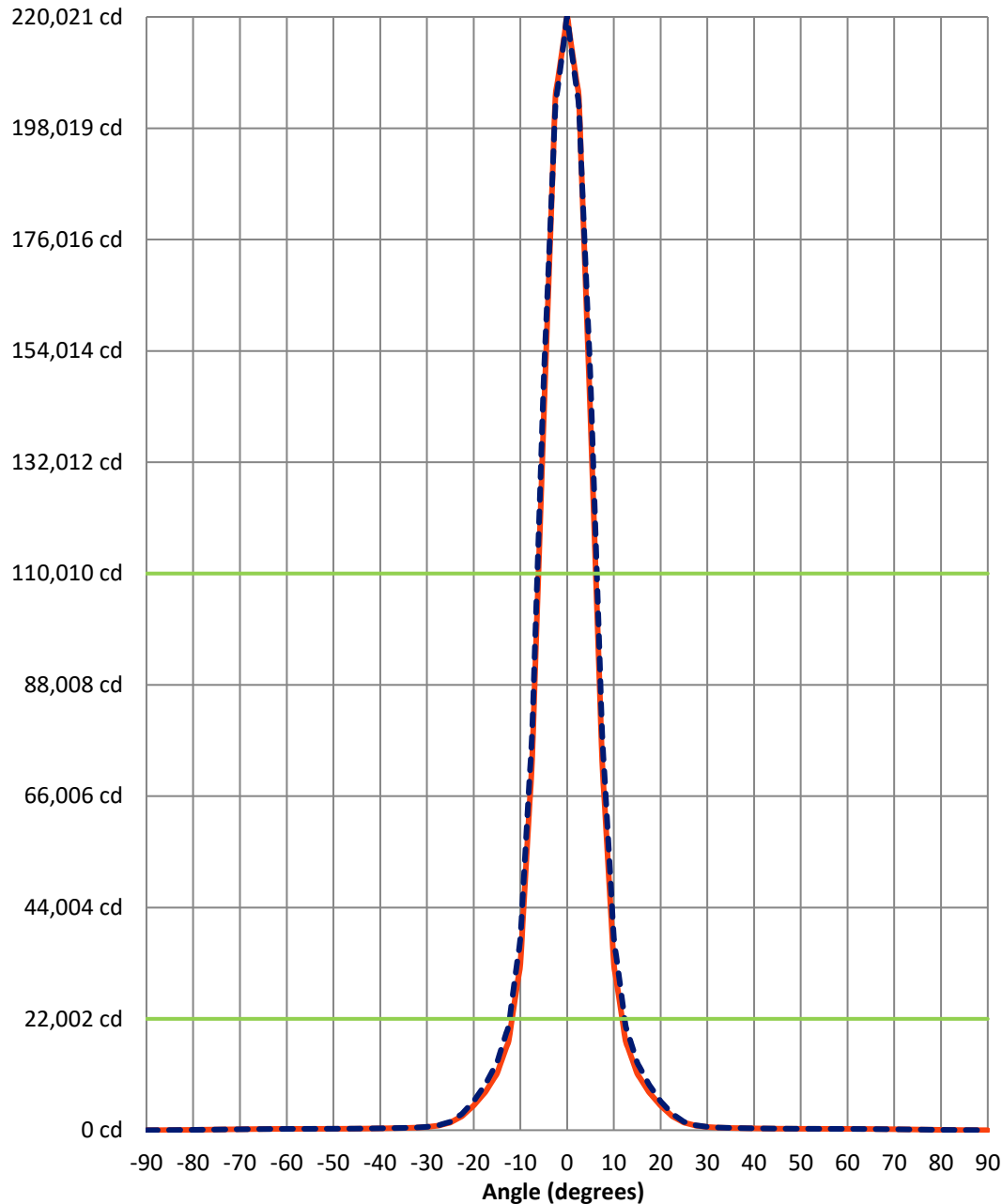
Luminous Intensity Polar Plot



— 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: 5039.5
 Efficiency: 31.6%

Field:
 H Angle: 24.6°
 V Angle: 23.6°
 Lumens: 11164.2
 Efficiency: 70.0%

Spill:
 Lumens: 4784.4
 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	1.5	1.9	2.3	2.7	3.1	3.6	4.0	4.4
85°	0.0	1.0	2.1	3.0	3.9	4.7	5.4	6.2	7.1	8.0	8.8
82.5°	0.0	1.5	3.1	4.5	5.8	7.0	8.1	9.4	10.8	12.7	14.7
80°	0.0	2.0	4.1	6.0	7.7	9.3	10.9	13.4	16.0	18.7	21.5
77.5°	0.0	2.6	5.1	7.4	9.6	11.9	14.7	17.8	21.2	24.7	28.4
75°	0.0	3.1	6.1	8.9	11.6	15.0	18.4	22.3	26.4	31.2	35.7
72.5°	0.0	3.5	7.1	10.3	14.1	18.1	22.1	26.9	32.5	37.9	43.0
70°	0.0	4.0	8.1	11.9	16.6	21.2	25.9	32.3	38.6	44.6	52.9
67.5°	0.0	4.5	9.0	13.7	19.0	24.2	30.6	37.6	44.6	53.8	63.3
65°	0.0	5.0	10.0	15.5	21.4	27.6	35.1	42.9	52.4	62.7	73.7
62.5°	0.0	5.4	10.9	17.3	23.7	31.3	39.6	49.0	60.0	71.7	84.4
60°	0.0	5.9	11.8	19.0	26.0	34.8	43.9	55.3	67.3	81.1	94.9
57.5°	0.0	6.3	12.9	20.7	28.8	38.3	49.1	61.4	75.4	90.4	105.6
55°	0.0	6.8	14.0	22.3	31.4	41.7	54.2	67.5	83.4	99.5	116.1
52.5°	0.0	7.2	15.0	23.9	34.0	45.1	59.2	74.2	91.2	108.7	126.4
50°	0.0	7.6	16.0	25.5	36.5	49.1	64.1	80.9	98.8	117.7	136.6
47.5°	0.0	8.0	17.0	27.0	38.9	53.0	68.9	87.3	106.5	126.3	146.5
45°	0.0	8.3	18.0	28.8	41.2	56.8	74.1	93.4	113.9	134.9	156.1
42.5°	0.0	8.7	18.9	30.4	43.4	60.3	79.1	99.5	121.1	143.3	164.4
40°	0.0	9.0	19.7	31.9	45.8	63.8	83.8	105.5	128.0	151.3	172.1
37.5°	0.0	9.4	20.5	33.3	48.4	67.0	88.3	111.1	134.7	158.6	179.4
35°	0.0	9.7	21.3	34.7	50.8	70.4	92.5	116.4	141.0	164.7	186.1
32.5°	0.0	10.0	22.0	35.9	53.1	73.7	96.6	121.4	146.9	170.5	191.8
30°	0.0	10.2	22.7	37.0	55.3	76.7	100.6	126.1	152.3	175.8	197.1
27.5°	0.0	10.5	23.3	38.1	57.3	79.6	104.2	130.5	157.1	180.8	202.0
25°	0.0	10.7	23.9	39.0	59.1	82.1	107.6	134.6	161.1	185.0	206.4
22.5°	0.0	10.9	24.4	39.9	60.7	84.5	110.7	138.2	164.7	188.6	209.8
20°	0.0	11.1	24.9	40.6	62.2	86.6	113.5	141.4	167.9	191.8	212.8
17.5°	0.0	11.3	25.3	41.3	63.6	88.5	116.0	144.2	170.8	194.7	215.6
15°	0.0	11.4	25.7	41.8	64.7	90.2	118.2	146.7	173.2	197.1	218.0
12.5°	0.0	11.5	26.0	42.3	65.8	91.6	120.1	148.7	175.3	199.1	220.0
10°	0.0	11.6	26.2	42.6	66.6	92.7	121.6	150.3	176.9	200.7	221.6
7.5°	0.0	11.7	26.4	42.8	67.2	93.6	122.8	151.5	178.1	201.9	222.8
5°	0.0	11.8	26.6	43.0	67.7	94.3	123.7	152.3	178.9	202.7	223.5
2.5°	0.0	11.8	26.7	43.0	68.0	94.7	124.2	152.6	179.3	203.0	223.8
0°	0.0	11.8	26.7	43.0	68.1	94.8	124.4	152.6	179.2	202.9	223.7
-2.5°	0.0	11.8	26.7	43.0	68.0	94.7	124.2	152.6	179.3	203.0	223.8
-5°	0.0	11.8	26.6	43.0	67.7	94.3	123.7	152.3	178.9	202.7	223.5
-7.5°	0.0	11.7	26.4	42.8	67.2	93.6	122.8	151.5	178.1	201.9	222.8
-10°	0.0	11.6	26.2	42.6	66.6	92.7	121.6	150.3	176.9	200.7	221.6
-12.5°	0.0	11.5	26.0	42.3	65.8	91.6	120.1	148.7	175.3	199.1	220.0
-15°	0.0	11.4	25.7	41.8	64.7	90.2	118.2	146.7	173.2	197.1	218.0
-17.5°	0.0	11.3	25.3	41.3	63.6	88.5	116.0	144.2	170.8	194.7	215.6
-20°	0.0	11.1	24.9	40.6	62.2	86.6	113.5	141.4	167.9	191.8	212.8



REPORT NUMBER: P558848 (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	10.9	24.4	39.9	60.7	84.5	110.7	138.2	164.7	188.6	209.8
-25°	0.0	10.7	23.9	39.0	59.1	82.1	107.6	134.6	161.1	185.0	206.4
-27.5°	0.0	10.5	23.3	38.1	57.3	79.6	104.2	130.5	157.1	180.8	202.0
-30°	0.0	10.2	22.7	37.0	55.3	76.7	100.6	126.1	152.3	175.8	197.1
-32.5°	0.0	10.0	22.0	35.9	53.1	73.7	96.6	121.4	146.9	170.5	191.8
-35°	0.0	9.7	21.3	34.7	50.8	70.4	92.5	116.4	141.0	164.7	186.1
-37.5°	0.0	9.4	20.5	33.3	48.4	67.0	88.3	111.1	134.7	158.6	179.4
-40°	0.0	9.0	19.7	31.9	45.8	63.8	83.8	105.5	128.0	151.3	172.1
-42.5°	0.0	8.7	18.9	30.4	43.4	60.3	79.1	99.5	121.1	143.3	164.4
-45°	0.0	8.3	18.0	28.8	41.2	56.8	74.1	93.4	113.9	134.9	156.1
-47.5°	0.0	8.0	17.0	27.0	38.9	53.0	68.9	87.3	106.5	126.3	146.5
-50°	0.0	7.6	16.0	25.5	36.5	49.1	64.1	80.9	98.8	117.7	136.6
-52.5°	0.0	7.2	15.0	23.9	34.0	45.1	59.2	74.2	91.2	108.7	126.4
-55°	0.0	6.8	14.0	22.3	31.4	41.7	54.2	67.5	83.4	99.5	116.1
-57.5°	0.0	6.3	12.9	20.7	28.8	38.3	49.1	61.4	75.4	90.4	105.6
-60°	0.0	5.9	11.8	19.0	26.0	34.8	43.9	55.3	67.3	81.1	94.9
-62.5°	0.0	5.4	10.9	17.3	23.7	31.3	39.6	49.0	60.0	71.7	84.4
-65°	0.0	5.0	10.0	15.5	21.4	27.6	35.1	42.9	52.4	62.7	73.7
-67.5°	0.0	4.5	9.0	13.7	19.0	24.2	30.6	37.6	44.6	53.8	63.3
-70°	0.0	4.0	8.1	11.9	16.6	21.2	25.9	32.3	38.6	44.6	52.9
-72.5°	0.0	3.5	7.1	10.3	14.1	18.1	22.1	26.9	32.5	37.9	43.0
-75°	0.0	3.1	6.1	8.9	11.6	15.0	18.4	22.3	26.4	31.2	35.7
-77.5°	0.0	2.6	5.1	7.4	9.6	11.9	14.7	17.8	21.2	24.7	28.4
-80°	0.0	2.0	4.1	6.0	7.7	9.3	10.9	13.4	16.0	18.7	21.5
-82.5°	0.0	1.5	3.1	4.5	5.8	7.0	8.1	9.4	10.8	12.7	14.7
-85°	0.0	1.0	2.1	3.0	3.9	4.7	5.4	6.2	7.1	8.0	8.8
-87.5°	0.0	0.5	1.0	1.5	1.9	2.3	2.7	3.1	3.6	4.0	4.4
-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-SA3E-927-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°	4.8	5.2	5.6	6.0	6.3	6.7	7.0	7.4	7.7	8.0	8.2
85°	9.6	10.4	11.4	12.3	13.2	14.0	14.7	15.3	16.2	17.1	18.0
82.5°	16.4	17.8	19.0	20.0	21.1	22.0	23.1	24.9	27.1	29.3	31.3
80°	23.5	25.2	27.5	30.1	32.9	35.5	38.1	40.5	43.1	46.0	49.0
77.5°	31.6	34.9	38.6	42.6	46.4	50.8	55.3	59.9	64.0	67.6	70.8
75°	40.0	44.5	50.7	56.8	62.7	68.5	74.4	80.1	85.1	89.7	94.4
72.5°	49.8	57.2	64.5	71.7	79.2	86.5	93.3	99.7	106.0	112.4	118.4
70°	61.5	70.0	78.8	87.8	96.5	104.5	112.5	120.5	128.4	135.5	141.9
67.5°	73.2	83.3	93.5	103.6	113.2	122.3	131.7	140.9	149.7	157.2	163.8
65°	85.2	96.6	107.9	118.9	129.2	140.0	150.6	160.8	169.0	175.9	182.6
62.5°	97.0	109.8	122.2	134.1	145.9	157.7	167.8	177.0	185.5	193.0	200.2
60°	109.1	123.0	136.4	149.5	162.0	172.7	183.1	192.3	200.9	209.1	215.2
57.5°	121.0	136.0	150.4	164.0	175.9	187.0	196.9	206.6	214.0	220.6	227.3
55°	132.6	148.7	163.6	176.9	189.0	199.7	209.8	217.8	225.2	231.4	238.0
52.5°	144.0	160.8	175.5	189.0	200.7	211.2	220.1	228.1	235.0	241.4	246.7
50°	155.2	171.6	186.9	199.7	211.3	221.1	229.5	237.2	244.0	249.7	254.6
47.5°	165.1	182.1	196.6	209.7	220.6	230.0	238.1	245.4	252.1	257.2	262.0
45°	174.4	191.1	205.9	218.2	229.0	237.8	245.7	253.3	258.8	263.9	267.6
42.5°	183.3	199.5	213.8	226.7	236.1	244.7	252.7	259.2	265.0	269.4	273.3
40°	190.8	207.6	221.3	232.9	242.7	250.8	258.2	264.7	270.3	274.7	279.0
37.5°	198.0	214.1	228.0	238.8	248.0	256.0	263.3	269.4	274.9	279.5	285.4
35°	204.8	220.3	233.2	243.8	252.7	260.7	267.6	273.8	279.3	285.6	292.4
32.5°	210.6	226.2	238.1	247.8	256.6	264.7	271.6	277.9	284.3	291.5	299.8
30°	215.5	230.5	242.4	251.5	260.3	267.9	275.3	282.1	289.1	297.7	308.6
27.5°	220.0	234.5	245.5	254.7	263.5	270.6	278.4	286.1	294.3	304.4	318.0
25°	224.2	238.1	248.2	257.5	265.7	273.2	281.2	289.2	299.4	312.6	330.4
22.5°	227.6	241.4	250.6	260.1	267.6	275.5	283.7	292.7	304.2	320.2	343.6
20°	230.3	243.5	252.7	262.1	269.2	277.6	286.0	295.7	309.4	330.3	357.4
17.5°	232.8	245.2	254.4	263.2	270.7	279.3	288.0	298.1	313.7	339.8	370.1
15°	235.0	246.6	255.8	264.2	272.1	280.7	289.8	301.3	319.5	348.9	381.6
12.5°	236.9	247.7	256.8	264.9	273.1	281.6	291.2	304.1	325.7	357.5	393.0
10°	238.5	248.6	257.6	265.4	273.9	282.1	292.4	305.9	330.1	362.3	399.8
7.5°	239.4	249.3	258.1	265.7	274.4	282.2	293.2	306.8	332.8	364.8	403.4
5°	240.0	249.8	258.7	266.1	274.9	282.6	294.0	306.9	333.9	365.3	404.8
2.5°	240.2	250.2	259.1	266.5	275.4	283.6	295.3	308.6	334.9	367.1	405.7
0°	240.0	250.3	259.2	266.6	275.5	284.4	296.2	309.6	334.7	368.8	405.8
-2.5°	240.2	250.2	259.1	266.5	275.4	283.6	295.3	308.6	334.9	367.1	405.7
-5°	240.0	249.8	258.7	266.1	274.9	282.6	294.0	306.9	333.9	365.3	404.8
-7.5°	239.4	249.3	258.1	265.7	274.4	282.2	293.2	306.8	332.8	364.8	403.4
-10°	238.5	248.6	257.6	265.4	273.9	282.1	292.4	305.9	330.1	362.3	399.8
-12.5°	236.9	247.7	256.8	264.9	273.1	281.6	291.2	304.1	325.7	357.5	393.0
-15°	235.0	246.6	255.8	264.2	272.1	280.7	289.8	301.3	319.5	348.9	381.6
-17.5°	232.8	245.2	254.4	263.2	270.7	279.3	288.0	298.1	313.7	339.8	370.1
-20°	230.3	243.5	252.7	262.1	269.2	277.6	286.0	295.7	309.4	330.3	357.4



REPORT NUMBER: P558848 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-927-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°	227.6	241.4	250.6	260.1	267.6	275.5	283.7	292.7	304.2	320.2	343.6
-25°	224.2	238.1	248.2	257.5	265.7	273.2	281.2	289.2	299.4	312.6	330.4
-27.5°	220.0	234.5	245.5	254.7	263.5	270.6	278.4	286.1	294.3	304.4	318.0
-30°	215.5	230.5	242.4	251.5	260.3	267.9	275.3	282.1	289.1	297.7	308.6
-32.5°	210.6	226.2	238.1	247.8	256.6	264.7	271.6	277.9	284.3	291.5	299.8
-35°	204.8	220.3	233.2	243.8	252.7	260.7	267.6	273.8	279.3	285.6	292.4
-37.5°	198.0	214.1	228.0	238.8	248.0	256.0	263.3	269.4	274.9	279.5	285.4
-40°	190.8	207.6	221.3	232.9	242.7	250.8	258.2	264.7	270.3	274.7	279.0
-42.5°	183.3	199.5	213.8	226.7	236.1	244.7	252.7	259.2	265.0	269.4	273.3
-45°	174.4	191.1	205.9	218.2	229.0	237.8	245.7	253.3	258.8	263.9	267.6
-47.5°	165.1	182.1	196.6	209.7	220.6	230.0	238.1	245.4	252.1	257.2	262.0
-50°	155.2	171.6	186.9	199.7	211.3	221.1	229.5	237.2	244.0	249.7	254.6
-52.5°	144.0	160.8	175.5	189.0	200.7	211.2	220.1	228.1	235.0	241.4	246.7
-55°	132.6	148.7	163.6	176.9	189.0	199.7	209.8	217.8	225.2	231.4	238.0
-57.5°	121.0	136.0	150.4	164.0	175.9	187.0	196.9	206.6	214.0	220.6	227.3
-60°	109.1	123.0	136.4	149.5	162.0	172.7	183.1	192.3	200.9	209.1	215.2
-62.5°	97.0	109.8	122.2	134.1	145.9	157.7	167.8	177.0	185.5	193.0	200.2
-65°	85.2	96.6	107.9	118.9	129.2	140.0	150.6	160.8	169.0	175.9	182.6
-67.5°	73.2	83.3	93.5	103.6	113.2	122.3	131.7	140.9	149.7	157.2	163.8
-70°	61.5	70.0	78.8	87.8	96.5	104.5	112.5	120.5	128.4	135.5	141.9
-72.5°	49.8	57.2	64.5	71.7	79.2	86.5	93.3	99.7	106.0	112.4	118.4
-75°	40.0	44.5	50.7	56.8	62.7	68.5	74.4	80.1	85.1	89.7	94.4
-77.5°	31.6	34.9	38.6	42.6	46.4	50.8	55.3	59.9	64.0	67.6	70.8
-80°	23.5	25.2	27.5	30.1	32.9	35.5	38.1	40.5	43.1	46.0	49.0
-82.5°	16.4	17.8	19.0	20.0	21.1	22.0	23.1	24.9	27.1	29.3	31.3
-85°	9.6	10.4	11.4	12.3	13.2	14.0	14.7	15.3	16.2	17.1	18.0
-87.5°	4.8	5.2	5.6	6.0	6.3	6.7	7.0	7.4	7.7	8.0	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: P558848 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-927-U-TS-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°	8.5	8.5	8.4	8.2	8.1	8.2	8.4	8.5	8.6	8.7	8.8
85°	18.9	19.7	20.5	21.3	22.1	22.7	23.2	23.7	24.1	24.4	24.7
82.5°	33.1	34.8	36.3	37.7	39.0	40.0	40.9	41.7	42.4	43.0	43.5
80°	51.7	54.2	56.7	58.9	61.0	62.7	64.1	65.2	66.2	67.2	68.1
77.5°	73.9	77.5	80.9	83.9	86.7	89.0	91.0	92.7	94.1	95.9	97.6
75°	99.0	103.3	107.2	110.8	114.1	117.0	119.7	121.9	123.9	125.8	127.5
72.5°	124.1	129.3	133.8	137.6	141.1	144.5	147.8	150.9	153.7	155.9	157.4
70°	147.7	153.0	157.9	162.3	166.4	170.6	174.9	178.8	182.4	184.8	186.1
67.5°	169.4	174.8	180.3	185.8	190.6	195.0	199.3	203.3	206.8	209.2	210.7
65°	189.0	194.9	200.9	206.5	211.6	215.4	219.3	223.0	226.5	229.2	231.3
62.5°	207.3	213.2	218.2	222.9	227.3	231.1	234.9	238.3	241.3	244.0	246.4
60°	221.3	227.3	232.2	236.6	240.6	244.4	247.4	249.9	252.0	253.6	255.2
57.5°	233.3	239.0	244.0	247.6	251.2	254.8	257.3	258.9	260.2	261.1	261.8
55°	243.6	248.2	252.4	256.4	259.9	263.0	265.3	266.4	267.0	267.4	267.7
52.5°	251.9	256.4	260.7	264.5	267.3	269.8	272.1	272.7	273.1	273.2	273.3
50°	259.6	264.0	267.3	270.5	273.4	275.7	277.7	278.6	279.1	279.2	278.9
47.5°	265.7	269.4	273.2	276.5	279.4	282.1	284.3	285.5	286.5	286.8	286.8
45°	271.0	275.5	279.4	283.3	286.7	290.2	293.2	295.2	297.3	298.7	299.4
42.5°	277.4	281.9	286.3	291.5	296.4	301.0	306.0	310.4	315.0	319.9	323.3
40°	283.9	288.7	295.4	301.8	308.9	315.4	326.0	336.5	344.6	351.4	357.6
37.5°	291.3	298.3	306.3	314.5	326.3	338.4	351.7	364.8	376.2	386.5	394.9
35°	299.8	309.2	319.0	333.6	348.5	363.5	379.4	396.9	411.6	422.5	430.2
32.5°	310.1	321.9	337.8	356.5	374.8	394.1	413.4	432.9	447.4	462.5	477.6
30°	321.6	338.7	359.2	382.0	404.8	427.9	452.1	479.1	504.7	532.3	571.7
27.5°	336.4	357.1	381.2	408.1	435.6	463.1	505.4	551.7	620.4	675.2	768.4
25°	352.1	376.4	405.1	436.3	469.8	519.2	596.5	687.8	849.7	975.3	1165.8
22.5°	369.5	398.2	429.9	465.7	519.8	613.0	745.2	979.8	1306.3	1628.7	1987.3
20°	386.8	418.5	453.3	507.4	599.3	746.6	1033.0	1540.3	2106.8	2913.4	3590.5
17.5°	403.2	436.9	480.9	554.2	691.8	988.1	1542.7	2411.6	3594.9	4895.1	5979.4
15°	417.6	452.0	511.3	627.3	859.8	1321.3	2158.8	3637.6	5625.7	7405.9	8993.8
12.5°	429.7	470.4	544.3	686.4	1005.7	1688.9	3032.3	5132.0	7559.9	10056.6	12066.1
10°	438.6	490.0	588.3	795.7	1237.5	2126.4	3760.3	6408.9	9332.2	12366.7	15999.4
7.5°	443.9	504.1	621.7	876.8	1444.3	2613.4	4673.5	7549.0	10906.0	15048.5	20598.6
5°	447.7	513.6	646.4	937.9	1582.5	2935.4	5250.1	8412.8	12263.9	18253.7	29676.2
2.5°	449.6	517.8	660.4	971.4	1645.4	3100.9	5655.9	8907.4	13090.1	20514.8	35964.7
0°	448.8	515.5	662.1	979.1	1654.5	3227.5	5723.3	9048.6	13369.2	20717.4	37980.7
-2.5°	449.6	517.8	660.4	971.4	1645.4	3100.9	5655.9	8907.4	13090.1	20514.8	35964.7
-5°	447.7	513.6	646.4	937.9	1582.5	2935.4	5250.1	8412.8	12263.9	18253.7	29676.2
-7.5°	443.9	504.1	621.7	876.8	1444.3	2613.4	4673.5	7549.0	10906.0	15048.5	20598.6
-10°	438.6	490.0	588.3	795.7	1237.5	2126.4	3760.3	6408.9	9332.2	12366.7	15999.4
-12.5°	429.7	470.4	544.3	686.4	1005.7	1688.9	3032.3	5132.0	7559.9	10056.6	12066.1
-15°	417.6	452.0	511.3	627.3	859.8	1321.3	2158.8	3637.6	5625.7	7405.9	8993.8
-17.5°	403.2	436.9	480.9	554.2	691.8	988.1	1542.7	2411.6	3594.9	4895.1	5979.4
-20°	386.8	418.5	453.3	507.4	599.3	746.6	1033.0	1540.3	2106.8	2913.4	3590.5



REPORT NUMBER: P558848 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	369.5	398.2	429.9	465.7	519.8	613.0	745.2	979.8	1306.3	1628.7	1987.3
-25°	352.1	376.4	405.1	436.3	469.8	519.2	596.5	687.8	849.7	975.3	1165.8
-27.5°	336.4	357.1	381.2	408.1	435.6	463.1	505.4	551.7	620.4	675.2	768.4
-30°	321.6	338.7	359.2	382.0	404.8	427.9	452.1	479.1	504.7	532.3	571.7
-32.5°	310.1	321.9	337.8	356.5	374.8	394.1	413.4	432.9	447.4	462.5	477.6
-35°	299.8	309.2	319.0	333.6	348.5	363.5	379.4	396.9	411.6	422.5	430.2
-37.5°	291.3	298.3	306.3	314.5	326.3	338.4	351.7	364.8	376.2	386.5	394.9
-40°	283.9	288.7	295.4	301.8	308.9	315.4	326.0	336.5	344.6	351.4	357.6
-42.5°	277.4	281.9	286.3	291.5	296.4	301.0	306.0	310.4	315.0	319.9	323.3
-45°	271.0	275.5	279.4	283.3	286.7	290.2	293.2	295.2	297.3	298.7	299.4
-47.5°	265.7	269.4	273.2	276.5	279.4	282.1	284.3	285.5	286.5	286.8	286.8
-50°	259.6	264.0	267.3	270.5	273.4	275.7	277.7	278.6	279.1	279.2	278.9
-52.5°	251.9	256.4	260.7	264.5	267.3	269.8	272.1	272.7	273.1	273.2	273.3
-55°	243.6	248.2	252.4	256.4	259.9	263.0	265.3	266.4	267.0	267.4	267.7
-57.5°	233.3	239.0	244.0	247.6	251.2	254.8	257.3	258.9	260.2	261.1	261.8
-60°	221.3	227.3	232.2	236.6	240.6	244.4	247.4	249.9	252.0	253.6	255.2
-62.5°	207.3	213.2	218.2	222.9	227.3	231.1	234.9	238.3	241.3	244.0	246.4
-65°	189.0	194.9	200.9	206.5	211.6	215.4	219.3	223.0	226.5	229.2	231.3
-67.5°	169.4	174.8	180.3	185.8	190.6	195.0	199.3	203.3	206.8	209.2	210.7
-70°	147.7	153.0	157.9	162.3	166.4	170.6	174.9	178.8	182.4	184.8	186.1
-72.5°	124.1	129.3	133.8	137.6	141.1	144.5	147.8	150.9	153.7	155.9	157.4
-75°	99.0	103.3	107.2	110.8	114.1	117.0	119.7	121.9	123.9	125.8	127.5
-77.5°	73.9	77.5	80.9	83.9	86.7	89.0	91.0	92.7	94.1	95.9	97.6
-80°	51.7	54.2	56.7	58.9	61.0	62.7	64.1	65.2	66.2	67.2	68.1
-82.5°	33.1	34.8	36.3	37.7	39.0	40.0	40.9	41.7	42.4	43.0	43.5
-85°	18.9	19.7	20.5	21.3	22.1	22.7	23.2	23.7	24.1	24.4	24.7
-87.5°	8.5	8.5	8.4	8.2	8.1	8.2	8.4	8.5	8.6	8.7	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: P558848 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-927-U-TS-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°	8.8	8.9	8.9	8.9	8.9	8.9	8.8	8.8	8.7	8.6	8.5
85°	24.9	25.1	25.2	25.2	25.1	24.9	24.7	24.4	24.1	23.7	23.7
82.5°	43.9	44.2	44.3	44.4	44.3	44.2	43.9	43.5	43.0	42.4	41.7
80°	68.7	69.2	69.5	69.6	69.5	69.2	68.7	68.1	67.2	66.2	65.2
77.5°	99.0	100.1	100.5	100.7	100.5	100.1	99.0	97.6	95.9	94.1	92.7
75°	128.7	129.6	130.1	130.3	130.1	129.6	128.7	127.5	125.8	123.9	121.9
72.5°	158.5	159.2	160.5	161.4	160.5	159.2	158.5	157.4	155.9	153.7	150.9
70°	187.0	187.3	188.6	189.6	188.6	187.3	187.0	186.1	184.8	182.4	178.8
67.5°	211.8	212.5	212.4	211.8	212.4	212.5	211.8	210.7	209.2	206.8	203.3
65°	233.1	234.5	234.6	234.0	234.6	234.5	233.1	231.3	229.2	226.5	223.0
62.5°	248.7	250.8	251.6	251.8	251.6	250.8	248.7	246.4	244.0	241.3	238.3
60°	256.4	257.3	257.6	257.7	257.6	257.3	256.4	255.2	253.6	252.0	249.9
57.5°	262.1	262.1	262.1	262.2	262.1	262.1	262.1	261.8	261.1	260.2	258.9
55°	267.9	267.9	267.4	266.6	267.4	267.9	267.9	267.7	267.4	267.0	266.4
52.5°	273.1	272.6	271.9	271.1	271.9	272.6	273.1	273.3	273.2	273.1	272.7
50°	278.2	277.3	276.9	277.0	276.9	277.3	278.2	278.9	279.2	279.1	278.6
47.5°	286.6	286.0	285.7	285.9	285.7	286.0	286.6	286.8	286.8	286.5	285.5
45°	299.7	299.2	298.9	299.2	298.9	299.2	299.7	299.4	298.7	297.3	295.2
42.5°	325.1	325.4	325.3	325.9	325.3	325.4	325.1	323.3	319.9	315.0	310.4
40°	360.1	359.9	358.7	358.4	358.7	359.9	360.1	357.6	351.4	344.6	336.5
37.5°	398.3	398.3	397.1	397.0	397.1	398.3	398.3	394.9	386.5	376.2	364.8
35°	434.3	435.7	435.4	434.0	435.4	435.7	434.3	430.2	422.5	411.6	396.9
32.5°	488.3	496.6	501.0	499.2	501.0	496.6	488.3	477.6	462.5	447.4	432.9
30°	596.5	617.8	629.0	633.9	629.0	617.8	596.5	571.7	532.3	504.7	479.1
27.5°	835.1	882.2	903.3	910.9	903.3	882.2	835.1	768.4	675.2	620.4	551.7
25°	1332.2	1438.5	1491.0	1507.9	1491.0	1438.5	1332.2	1165.8	975.3	849.7	687.8
22.5°	2382.1	2586.9	2726.9	2758.0	2726.9	2586.9	2382.1	1987.3	1628.7	1306.3	979.8
20°	4271.2	4667.2	4882.1	4862.8	4882.1	4667.2	4271.2	3590.5	2913.4	2106.8	1540.3
17.5°	6901.1	7409.0	7650.8	7537.8	7650.8	7409.0	6901.1	5979.4	4895.1	3594.9	2411.6
15°	10116.8	10802.9	11102.3	11194.8	11102.3	10802.9	10116.8	8993.8	7405.9	5625.7	3637.6
12.5°	14072.0	16321.5	17397.2	17685.4	17397.2	16321.5	14072.0	12066.1	10056.6	7559.9	5132.0
10°	19715.0	27276.3	31773.9	32872.1	31773.9	27276.3	19715.0	15999.4	12366.7	9332.2	6408.9
7.5°	32196.3	47561.5	64774.1	72925.0	64774.1	47561.5	32196.3	20598.6	15048.5	10906.0	7549.0
5°	49099.3	85215.8	125068.1	140691.0	125068.1	85215.8	49099.3	29676.2	18253.7	12263.9	8412.8
2.5°	69647.7	128669.2	183735.5	204263.0	183735.5	128669.2	69647.7	35964.7	20514.8	13090.1	8907.4
0°	78329.1	148341.3	202436.7	220020.6	202436.7	148341.3	78329.1	37980.7	20717.4	13369.2	9048.6
-2.5°	69647.7	128669.2	183735.5	204262.9	183735.5	128669.2	69647.7	35964.7	20514.8	13090.1	8907.4
-5°	49099.3	85215.8	125068.1	140691.0	125068.1	85215.8	49099.3	29676.2	18253.7	12263.9	8412.8
-7.5°	32196.3	47561.5	64774.1	72925.0	64774.1	47561.5	32196.3	20598.6	15048.5	10906.0	7549.0
-10°	19715.0	27276.3	31773.9	32872.1	31773.9	27276.3	19715.0	15999.4	12366.7	9332.2	6408.9
-12.5°	14072.0	16321.5	17397.2	17685.4	17397.2	16321.5	14072.0	12066.1	10056.6	7559.9	5132.0
-15°	10116.8	10802.9	11102.3	11194.8	11102.3	10802.9	10116.8	8993.8	7405.9	5625.7	3637.6
-17.5°	6901.1	7409.0	7650.8	7537.8	7650.8	7409.0	6901.1	5979.4	4895.1	3594.9	2411.6
-20°	4271.2	4667.2	4882.1	4862.8	4882.1	4667.2	4271.2	3590.5	2913.4	2106.8	1540.3



REPORT NUMBER: P558848 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-927-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2382.1	2586.9	2726.9	2758.0	2726.9	2586.9	2382.1	1987.3	1628.7	1306.3	979.8
-25°	1332.2	1438.5	1491.0	1507.9	1491.0	1438.5	1332.2	1165.8	975.3	849.7	687.8
-27.5°	835.1	882.2	903.3	910.9	903.3	882.2	835.1	768.4	675.2	620.4	551.7
-30°	596.5	617.8	629.0	633.9	629.0	617.8	596.5	571.7	532.3	504.7	479.1
-32.5°	488.3	496.6	501.0	499.2	501.0	496.6	488.3	477.6	462.5	447.4	432.9
-35°	434.3	435.7	435.4	434.0	435.4	435.7	434.3	430.2	422.5	411.6	396.9
-37.5°	398.3	398.3	397.1	397.0	397.1	398.3	398.3	394.9	386.5	376.2	364.8
-40°	360.1	359.9	358.7	358.4	358.7	359.9	360.1	357.6	351.4	344.6	336.5
-42.5°	325.1	325.4	325.3	325.9	325.3	325.4	325.1	323.3	319.9	315.0	310.4
-45°	299.7	299.2	298.9	299.2	298.9	299.2	299.7	299.4	298.7	297.3	295.2
-47.5°	286.6	286.0	285.7	285.9	285.7	286.0	286.6	286.8	286.8	286.5	285.5
-50°	278.2	277.3	276.9	277.0	276.9	277.3	278.2	278.9	279.2	279.1	278.6
-52.5°	273.1	272.6	271.9	271.1	271.9	272.6	273.1	273.3	273.2	273.1	272.7
-55°	267.9	267.9	267.4	266.6	267.4	267.9	267.9	267.7	267.4	267.0	266.4
-57.5°	262.1	262.1	262.1	262.2	262.1	262.1	262.1	261.8	261.1	260.2	258.9
-60°	256.4	257.3	257.6	257.7	257.6	257.3	256.4	255.2	253.6	252.0	249.9
-62.5°	248.7	250.8	251.6	251.8	251.6	250.8	248.7	246.4	244.0	241.3	238.3
-65°	233.1	234.5	234.6	234.0	234.6	234.5	233.1	231.3	229.2	226.5	223.0
-67.5°	211.8	212.5	212.4	211.8	212.4	212.5	211.8	210.7	209.2	206.8	203.3
-70°	187.0	187.3	188.6	189.6	188.6	187.3	187.0	186.1	184.8	182.4	178.8
-72.5°	158.5	159.2	160.5	161.4	160.5	159.2	158.5	157.4	155.9	153.7	150.9
-75°	128.7	129.6	130.1	130.3	130.1	129.6	128.7	127.5	125.8	123.9	121.9
-77.5°	99.0	100.1	100.5	100.7	100.5	100.1	99.0	97.6	95.9	94.1	92.7
-80°	68.7	69.2	69.5	69.6	69.5	69.2	68.7	68.1	67.2	66.2	65.2
-82.5°	43.9	44.2	44.3	44.4	44.3	44.2	43.9	43.5	43.0	42.4	41.7
-85°	24.9	25.1	25.2	25.2	25.2	25.1	24.9	24.7	24.4	24.1	23.7
-87.5°	8.8	8.9	8.9	8.9	8.9	8.9	8.8	8.8	8.7	8.6	8.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558848 (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°	8.4	8.2	8.1	8.2	8.4	8.5	8.5	8.2	8.0	7.7	7.4
85°	23.2	22.7	22.1	21.3	20.5	19.7	18.9	18.0	17.1	16.2	15.3
82.5°	40.9	40.0	39.0	37.7	36.3	34.8	33.1	31.3	29.3	27.1	24.9
80°	64.1	62.7	61.0	58.9	56.7	54.2	51.7	49.0	46.0	43.1	40.5
77.5°	91.0	89.0	86.7	83.9	80.9	77.5	73.9	70.8	67.6	64.0	59.9
75°	119.7	117.0	114.1	110.8	107.2	103.3	99.0	94.4	89.7	85.1	80.1
72.5°	147.8	144.5	141.1	137.6	133.8	129.3	124.1	118.4	112.4	106.0	99.7
70°	174.9	170.6	166.4	162.3	157.9	153.0	147.7	141.9	135.5	128.4	120.5
67.5°	199.3	195.0	190.6	185.8	180.3	174.8	169.4	163.8	157.2	149.7	140.9
65°	219.3	215.4	211.6	206.5	200.9	194.9	189.0	182.6	175.9	169.0	160.8
62.5°	234.9	231.1	227.3	222.9	218.2	213.2	207.3	200.2	193.0	185.5	177.0
60°	247.4	244.4	240.6	236.6	232.2	227.3	221.3	215.2	209.1	200.9	192.3
57.5°	257.3	254.8	251.2	247.6	244.0	239.0	233.3	227.3	220.6	214.0	206.6
55°	265.3	263.0	259.9	256.4	252.4	248.2	243.6	238.0	231.4	225.2	217.8
52.5°	272.1	269.8	267.3	264.5	260.7	256.4	251.9	246.7	241.4	235.0	228.1
50°	277.7	275.7	273.4	270.5	267.3	264.0	259.6	254.6	249.7	244.0	237.2
47.5°	284.3	282.1	279.4	276.5	273.2	269.4	265.7	262.0	257.2	252.1	245.4
45°	293.2	290.2	286.7	283.3	279.4	275.5	271.0	267.6	263.9	258.8	253.3
42.5°	306.0	301.0	296.4	291.5	286.3	281.9	277.4	273.3	269.4	265.0	259.2
40°	326.0	315.4	308.9	301.8	295.4	288.7	283.9	279.0	274.7	270.3	264.7
37.5°	351.7	338.4	326.3	314.5	306.3	298.3	291.3	285.4	279.5	274.9	269.4
35°	379.4	363.5	348.5	333.6	319.0	309.2	299.8	292.4	285.6	279.3	273.8
32.5°	413.4	394.1	374.8	356.5	337.8	321.9	310.1	299.8	291.5	284.3	277.9
30°	452.1	427.9	404.8	382.0	359.2	338.7	321.6	308.6	297.7	289.1	282.1
27.5°	505.4	463.1	435.6	408.1	381.2	357.1	336.4	318.0	304.4	294.3	286.1
25°	596.5	519.2	469.8	436.3	405.1	376.4	352.1	330.4	312.6	299.4	289.2
22.5°	745.2	613.0	519.8	465.7	429.9	398.2	369.5	343.6	320.2	304.2	292.7
20°	1033.0	746.6	599.3	507.4	453.3	418.5	386.8	357.4	330.3	309.4	295.7
17.5°	1542.7	988.1	691.8	554.2	480.9	436.9	403.2	370.1	339.8	313.7	298.1
15°	2158.8	1321.3	859.8	627.3	511.3	452.0	417.6	381.6	348.9	319.5	301.3
12.5°	3032.3	1688.9	1005.7	686.4	544.3	470.4	429.7	393.0	357.5	325.7	304.1
10°	3760.3	2126.4	1237.5	795.7	588.3	490.0	438.6	399.8	362.3	330.1	305.9
7.5°	4673.5	2613.4	1444.3	876.8	621.7	504.1	443.9	403.4	364.8	332.8	306.8
5°	5250.1	2935.4	1582.5	937.9	646.4	513.6	447.7	404.8	365.3	333.9	306.9
2.5°	5655.9	3100.9	1645.4	971.4	660.4	517.8	449.6	405.7	367.1	334.9	308.6
0°	5723.3	3227.5	1654.5	979.1	662.1	515.5	448.8	405.8	368.8	334.7	309.6
-2.5°	5655.9	3100.9	1645.4	971.4	660.4	517.8	449.6	405.7	367.1	334.9	308.6
-5°	5250.1	2935.4	1582.5	937.9	646.4	513.6	447.7	404.8	365.3	333.9	306.9
-7.5°	4673.5	2613.4	1444.3	876.8	621.7	504.1	443.9	403.4	364.8	332.8	306.8
-10°	3760.3	2126.4	1237.5	795.7	588.3	490.0	438.6	399.8	362.3	330.1	305.9
-12.5°	3032.3	1688.9	1005.7	686.4	544.3	470.4	429.7	393.0	357.5	325.7	304.1
-15°	2158.8	1321.3	859.8	627.3	511.3	452.0	417.6	381.6	348.9	319.5	301.3
-17.5°	1542.7	988.1	691.8	554.2	480.9	436.9	403.2	370.1	339.8	313.7	298.1
-20°	1033.0	746.6	599.3	507.4	453.3	418.5	386.8	357.4	330.3	309.4	295.7



REPORT NUMBER: P558848 (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°	745.2	613.0	519.8	465.7	429.9	398.2	369.5	343.6	320.2	304.2	292.7
-25°	596.5	519.2	469.8	436.3	405.1	376.4	352.1	330.4	312.6	299.4	289.2
-27.5°	505.4	463.1	435.6	408.1	381.2	357.1	336.4	318.0	304.4	294.3	286.1
-30°	452.1	427.9	404.8	382.0	359.2	338.7	321.6	308.6	297.7	289.1	282.1
-32.5°	413.4	394.1	374.8	356.5	337.8	321.9	310.1	299.8	291.5	284.3	277.9
-35°	379.4	363.5	348.5	333.6	319.0	309.2	299.8	292.4	285.6	279.3	273.8
-37.5°	351.7	338.4	326.3	314.5	306.3	298.3	291.3	285.4	279.5	274.9	269.4
-40°	326.0	315.4	308.9	301.8	295.4	288.7	283.9	279.0	274.7	270.3	264.7
-42.5°	306.0	301.0	296.4	291.5	286.3	281.9	277.4	273.3	269.4	265.0	259.2
-45°	293.2	290.2	286.7	283.3	279.4	275.5	271.0	267.6	263.9	258.8	253.3
-47.5°	284.3	282.1	279.4	276.5	273.2	269.4	265.7	262.0	257.2	252.1	245.4
-50°	277.7	275.7	273.4	270.5	267.3	264.0	259.6	254.6	249.7	244.0	237.2
-52.5°	272.1	269.8	267.3	264.5	260.7	256.4	251.9	246.7	241.4	235.0	228.1
-55°	265.3	263.0	259.9	256.4	252.4	248.2	243.6	238.0	231.4	225.2	217.8
-57.5°	257.3	254.8	251.2	247.6	244.0	239.0	233.3	227.3	220.6	214.0	206.6
-60°	247.4	244.4	240.6	236.6	232.2	227.3	221.3	215.2	209.1	200.9	192.3
-62.5°	234.9	231.1	227.3	222.9	218.2	213.2	207.3	200.2	193.0	185.5	177.0
-65°	219.3	215.4	211.6	206.5	200.9	194.9	189.0	182.6	175.9	169.0	160.8
-67.5°	199.3	195.0	190.6	185.8	180.3	174.8	169.4	163.8	157.2	149.7	140.9
-70°	174.9	170.6	166.4	162.3	157.9	153.0	147.7	141.9	135.5	128.4	120.5
-72.5°	147.8	144.5	141.1	137.6	133.8	129.3	124.1	118.4	112.4	106.0	99.7
-75°	119.7	117.0	114.1	110.8	107.2	103.3	99.0	94.4	89.7	85.1	80.1
-77.5°	91.0	89.0	86.7	83.9	80.9	77.5	73.9	70.8	67.6	64.0	59.9
-80°	64.1	62.7	61.0	58.9	56.7	54.2	51.7	49.0	46.0	43.1	40.5
-82.5°	40.9	40.0	39.0	37.7	36.3	34.8	33.1	31.3	29.3	27.1	24.9
-85°	23.2	22.7	22.1	21.3	20.5	19.7	18.9	18.0	17.1	16.2	15.3
-87.5°	8.4	8.2	8.1	8.2	8.4	8.5	8.5	8.2	8.0	7.7	7.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558848 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-927-U-TS-XX

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°	7.0	6.7	6.3	6.0	5.6	5.2	4.8	4.4	4.0	3.6	3.1
85°	14.7	14.0	13.2	12.3	11.4	10.4	9.6	8.8	8.0	7.1	6.2
82.5°	23.1	22.0	21.1	20.0	19.0	17.8	16.4	14.7	12.7	10.8	9.4
80°	38.1	35.5	32.9	30.1	27.5	25.2	23.5	21.5	18.7	16.0	13.4
77.5°	55.3	50.8	46.4	42.6	38.6	34.9	31.6	28.4	24.7	21.2	17.8
75°	74.4	68.5	62.7	56.8	50.7	44.5	40.0	35.7	31.2	26.4	22.3
72.5°	93.3	86.5	79.2	71.7	64.5	57.2	49.8	43.0	37.9	32.5	26.9
70°	112.5	104.5	96.5	87.8	78.8	70.0	61.5	52.9	44.6	38.6	32.3
67.5°	131.7	122.3	113.2	103.6	93.5	83.3	73.2	63.3	53.8	44.6	37.6
65°	150.6	140.0	129.2	118.9	107.9	96.6	85.2	73.7	62.7	52.4	42.9
62.5°	167.8	157.7	145.9	134.1	122.2	109.8	97.0	84.4	71.7	60.0	49.0
60°	183.1	172.7	162.0	149.5	136.4	123.0	109.1	94.9	81.1	67.3	55.3
57.5°	196.9	187.0	175.9	164.0	150.4	136.0	121.0	105.6	90.4	75.4	61.4
55°	209.8	199.7	189.0	176.9	163.6	148.7	132.6	116.1	99.5	83.4	67.5
52.5°	220.1	211.2	200.7	189.0	175.5	160.8	144.0	126.4	108.7	91.2	74.2
50°	229.5	221.1	211.3	199.7	186.9	171.6	155.2	136.6	117.7	98.8	80.9
47.5°	238.1	230.0	220.6	209.7	196.6	182.1	165.1	146.5	126.3	106.5	87.3
45°	245.7	237.8	229.0	218.2	205.9	191.1	174.4	156.1	134.9	113.9	93.4
42.5°	252.7	244.7	236.1	226.7	213.8	199.5	183.3	164.4	143.3	121.1	99.5
40°	258.2	250.8	242.7	232.9	221.3	207.6	190.8	172.1	151.3	128.0	105.5
37.5°	263.3	256.0	248.0	238.8	228.0	214.1	198.0	179.4	158.6	134.7	111.1
35°	267.6	260.7	252.7	243.8	233.2	220.3	204.8	186.1	164.7	141.0	116.4
32.5°	271.6	264.7	256.6	247.8	238.1	226.2	210.6	191.8	170.5	146.9	121.4
30°	275.3	267.9	260.3	251.5	242.4	230.5	215.5	197.1	175.8	152.3	126.1
27.5°	278.4	270.6	263.5	254.7	245.5	234.5	220.0	202.0	180.8	157.1	130.5
25°	281.2	273.2	265.7	257.5	248.2	238.1	224.2	206.4	185.0	161.1	134.6
22.5°	283.7	275.5	267.6	260.1	250.6	241.4	227.6	209.8	188.6	164.7	138.2
20°	286.0	277.6	269.2	262.1	252.7	243.5	230.3	212.8	191.8	167.9	141.4
17.5°	288.0	279.3	270.7	263.2	254.4	245.2	232.8	215.6	194.7	170.8	144.2
15°	289.8	280.7	272.1	264.2	255.8	246.6	235.0	218.0	197.1	173.2	146.7
12.5°	291.2	281.6	273.1	264.9	256.8	247.7	236.9	220.0	199.1	175.3	148.7
10°	292.4	282.1	273.9	265.4	257.6	248.6	238.5	221.6	200.7	176.9	150.3
7.5°	293.2	282.2	274.4	265.7	258.1	249.3	239.4	222.8	201.9	178.1	151.5
5°	294.0	282.6	274.9	266.1	258.7	249.8	240.0	223.5	202.7	178.9	152.3
2.5°	295.3	283.6	275.4	266.5	259.1	250.2	240.2	223.8	203.0	179.3	152.6
0°	296.2	284.4	275.5	266.6	259.2	250.3	240.0	223.7	202.9	179.2	152.6
-2.5°	295.3	283.6	275.4	266.5	259.1	250.2	240.2	223.8	203.0	179.3	152.6
-5°	294.0	282.6	274.9	266.1	258.7	249.8	240.0	223.5	202.7	178.9	152.3
-7.5°	293.2	282.2	274.4	265.7	258.1	249.3	239.4	222.8	201.9	178.1	151.5
-10°	292.4	282.1	273.9	265.4	257.6	248.6	238.5	221.6	200.7	176.9	150.3
-12.5°	291.2	281.6	273.1	264.9	256.8	247.7	236.9	220.0	199.1	175.3	148.7
-15°	289.8	280.7	272.1	264.2	255.8	246.6	235.0	218.0	197.1	173.2	146.7
-17.5°	288.0	279.3	270.7	263.2	254.4	245.2	232.8	215.6	194.7	170.8	144.2
-20°	286.0	277.6	269.2	262.1	252.7	243.5	230.3	212.8	191.8	167.9	141.4



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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°	283.7	275.5	267.6	260.1	250.6	241.4	227.6	209.8	188.6	164.7	138.2
-25°	281.2	273.2	265.7	257.5	248.2	238.1	224.2	206.4	185.0	161.1	134.6
-27.5°	278.4	270.6	263.5	254.7	245.5	234.5	220.0	202.0	180.8	157.1	130.5
-30°	275.3	267.9	260.3	251.5	242.4	230.5	215.5	197.1	175.8	152.3	126.1
-32.5°	271.6	264.7	256.6	247.8	238.1	226.2	210.6	191.8	170.5	146.9	121.4
-35°	267.6	260.7	252.7	243.8	233.2	220.3	204.8	186.1	164.7	141.0	116.4
-37.5°	263.3	256.0	248.0	238.8	228.0	214.1	198.0	179.4	158.6	134.7	111.1
-40°	258.2	250.8	242.7	232.9	221.3	207.6	190.8	172.1	151.3	128.0	105.5
-42.5°	252.7	244.7	236.1	226.7	213.8	199.5	183.3	164.4	143.3	121.1	99.5
-45°	245.7	237.8	229.0	218.2	205.9	191.1	174.4	156.1	134.9	113.9	93.4
-47.5°	238.1	230.0	220.6	209.7	196.6	182.1	165.1	146.5	126.3	106.5	87.3
-50°	229.5	221.1	211.3	199.7	186.9	171.6	155.2	136.6	117.7	98.8	80.9
-52.5°	220.1	211.2	200.7	189.0	175.5	160.8	144.0	126.4	108.7	91.2	74.2
-55°	209.8	199.7	189.0	176.9	163.6	148.7	132.6	116.1	99.5	83.4	67.5
-57.5°	196.9	187.0	175.9	164.0	150.4	136.0	121.0	105.6	90.4	75.4	61.4
-60°	183.1	172.7	162.0	149.5	136.4	123.0	109.1	94.9	81.1	67.3	55.3
-62.5°	167.8	157.7	145.9	134.1	122.2	109.8	97.0	84.4	71.7	60.0	49.0
-65°	150.6	140.0	129.2	118.9	107.9	96.6	85.2	73.7	62.7	52.4	42.9
-67.5°	131.7	122.3	113.2	103.6	93.5	83.3	73.2	63.3	53.8	44.6	37.6
-70°	112.5	104.5	96.5	87.8	78.8	70.0	61.5	52.9	44.6	38.6	32.3
-72.5°	93.3	86.5	79.2	71.7	64.5	57.2	49.8	43.0	37.9	32.5	26.9
-75°	74.4	68.5	62.7	56.8	50.7	44.5	40.0	35.7	31.2	26.4	22.3
-77.5°	55.3	50.8	46.4	42.6	38.6	34.9	31.6	28.4	24.7	21.2	17.8
-80°	38.1	35.5	32.9	30.1	27.5	25.2	23.5	21.5	18.7	16.0	13.4
-82.5°	23.1	22.0	21.1	20.0	19.0	17.8	16.4	14.7	12.7	10.8	9.4
-85°	14.7	14.0	13.2	12.3	11.4	10.4	9.6	8.8	8.0	7.1	6.2
-87.5°	7.0	6.7	6.3	6.0	5.6	5.2	4.8	4.4	4.0	3.6	3.1
-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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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°	2.7	2.3	1.9	1.5	1.0	0.5	0.0
85°	5.4	4.7	3.9	3.0	2.1	1.0	0.0
82.5°	8.1	7.0	5.8	4.5	3.1	1.5	0.0
80°	10.9	9.3	7.7	6.0	4.1	2.0	0.0
77.5°	14.7	11.9	9.6	7.4	5.1	2.6	0.0
75°	18.4	15.0	11.6	8.9	6.1	3.1	0.0
72.5°	22.1	18.1	14.1	10.3	7.1	3.5	0.0
70°	25.9	21.2	16.6	11.9	8.1	4.0	0.0
67.5°	30.6	24.2	19.0	13.7	9.0	4.5	0.0
65°	35.1	27.6	21.4	15.5	10.0	5.0	0.0
62.5°	39.6	31.3	23.7	17.3	10.9	5.4	0.0
60°	43.9	34.8	26.0	19.0	11.8	5.9	0.0
57.5°	49.1	38.3	28.8	20.7	12.9	6.3	0.0
55°	54.2	41.7	31.4	22.3	14.0	6.8	0.0
52.5°	59.2	45.1	34.0	23.9	15.0	7.2	0.0
50°	64.1	49.1	36.5	25.5	16.0	7.6	0.0
47.5°	68.9	53.0	38.9	27.0	17.0	8.0	0.0
45°	74.1	56.8	41.2	28.8	18.0	8.3	0.0
42.5°	79.1	60.3	43.4	30.4	18.9	8.7	0.0
40°	83.8	63.8	45.8	31.9	19.7	9.0	0.0
37.5°	88.3	67.0	48.4	33.3	20.5	9.4	0.0
35°	92.5	70.4	50.8	34.7	21.3	9.7	0.0
32.5°	96.6	73.7	53.1	35.9	22.0	10.0	0.0
30°	100.6	76.7	55.3	37.0	22.7	10.2	0.0
27.5°	104.2	79.6	57.3	38.1	23.3	10.5	0.0
25°	107.6	82.1	59.1	39.0	23.9	10.7	0.0
22.5°	110.7	84.5	60.7	39.9	24.4	10.9	0.0
20°	113.5	86.6	62.2	40.6	24.9	11.1	0.0
17.5°	116.0	88.5	63.6	41.3	25.3	11.3	0.0
15°	118.2	90.2	64.7	41.8	25.7	11.4	0.0
12.5°	120.1	91.6	65.8	42.3	26.0	11.5	0.0
10°	121.6	92.7	66.6	42.6	26.2	11.6	0.0
7.5°	122.8	93.6	67.2	42.8	26.4	11.7	0.0
5°	123.7	94.3	67.7	43.0	26.6	11.8	0.0
2.5°	124.2	94.7	68.0	43.0	26.7	11.8	0.0
0°	124.4	94.8	68.1	43.0	26.7	11.8	0.0
-2.5°	124.2	94.7	68.0	43.0	26.7	11.8	0.0
-5°	123.7	94.3	67.7	43.0	26.6	11.8	0.0
-7.5°	122.8	93.6	67.2	42.8	26.4	11.7	0.0
-10°	121.6	92.7	66.6	42.6	26.2	11.6	0.0
-12.5°	120.1	91.6	65.8	42.3	26.0	11.5	0.0
-15°	118.2	90.2	64.7	41.8	25.7	11.4	0.0
-17.5°	116.0	88.5	63.6	41.3	25.3	11.3	0.0
-20°	113.5	86.6	62.2	40.6	24.9	11.1	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	110.7	84.5	60.7	39.9	24.4	10.9	0.0
-25°	107.6	82.1	59.1	39.0	23.9	10.7	0.0
-27.5°	104.2	79.6	57.3	38.1	23.3	10.5	0.0
-30°	100.6	76.7	55.3	37.0	22.7	10.2	0.0
-32.5°	96.6	73.7	53.1	35.9	22.0	10.0	0.0
-35°	92.5	70.4	50.8	34.7	21.3	9.7	0.0
-37.5°	88.3	67.0	48.4	33.3	20.5	9.4	0.0
-40°	83.8	63.8	45.8	31.9	19.7	9.0	0.0
-42.5°	79.1	60.3	43.4	30.4	18.9	8.7	0.0
-45°	74.1	56.8	41.2	28.8	18.0	8.3	0.0
-47.5°	68.9	53.0	38.9	27.0	17.0	8.0	0.0
-50°	64.1	49.1	36.5	25.5	16.0	7.6	0.0
-52.5°	59.2	45.1	34.0	23.9	15.0	7.2	0.0
-55°	54.2	41.7	31.4	22.3	14.0	6.8	0.0
-57.5°	49.1	38.3	28.8	20.7	12.9	6.3	0.0
-60°	43.9	34.8	26.0	19.0	11.8	5.9	0.0
-62.5°	39.6	31.3	23.7	17.3	10.9	5.4	0.0
-65°	35.1	27.6	21.4	15.5	10.0	5.0	0.0
-67.5°	30.6	24.2	19.0	13.7	9.0	4.5	0.0
-70°	25.9	21.2	16.6	11.9	8.1	4.0	0.0
-72.5°	22.1	18.1	14.1	10.3	7.1	3.5	0.0
-75°	18.4	15.0	11.6	8.9	6.1	3.1	0.0
-77.5°	14.7	11.9	9.6	7.4	5.1	2.6	0.0
-80°	10.9	9.3	7.7	6.0	4.1	2.0	0.0
-82.5°	8.1	7.0	5.8	4.5	3.1	1.5	0.0
-85°	5.4	4.7	3.9	3.0	2.1	1.0	0.0
-87.5°	2.7	2.3	1.9	1.5	1.0	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)