

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: P558989 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4E-935-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558989 (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-SA4E-935-U-MWR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (64) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

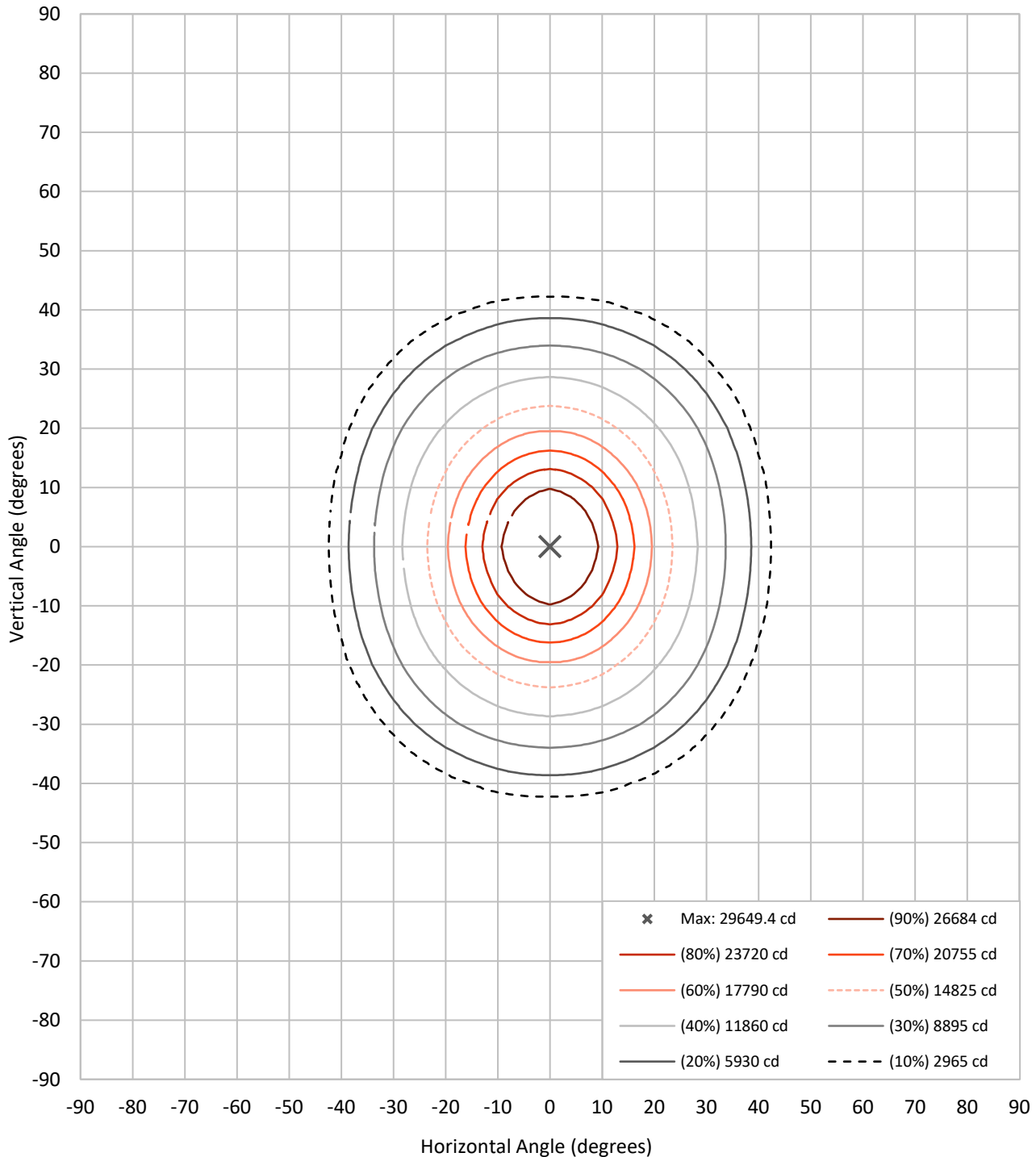
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	23080.4 lumens	Max Intensity:	29649.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	92.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	10890.9 lumens	Field Lumens:	20956.9 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 250
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: P558989 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4E-935-U-MWR-XX

Iso-Candela Plot





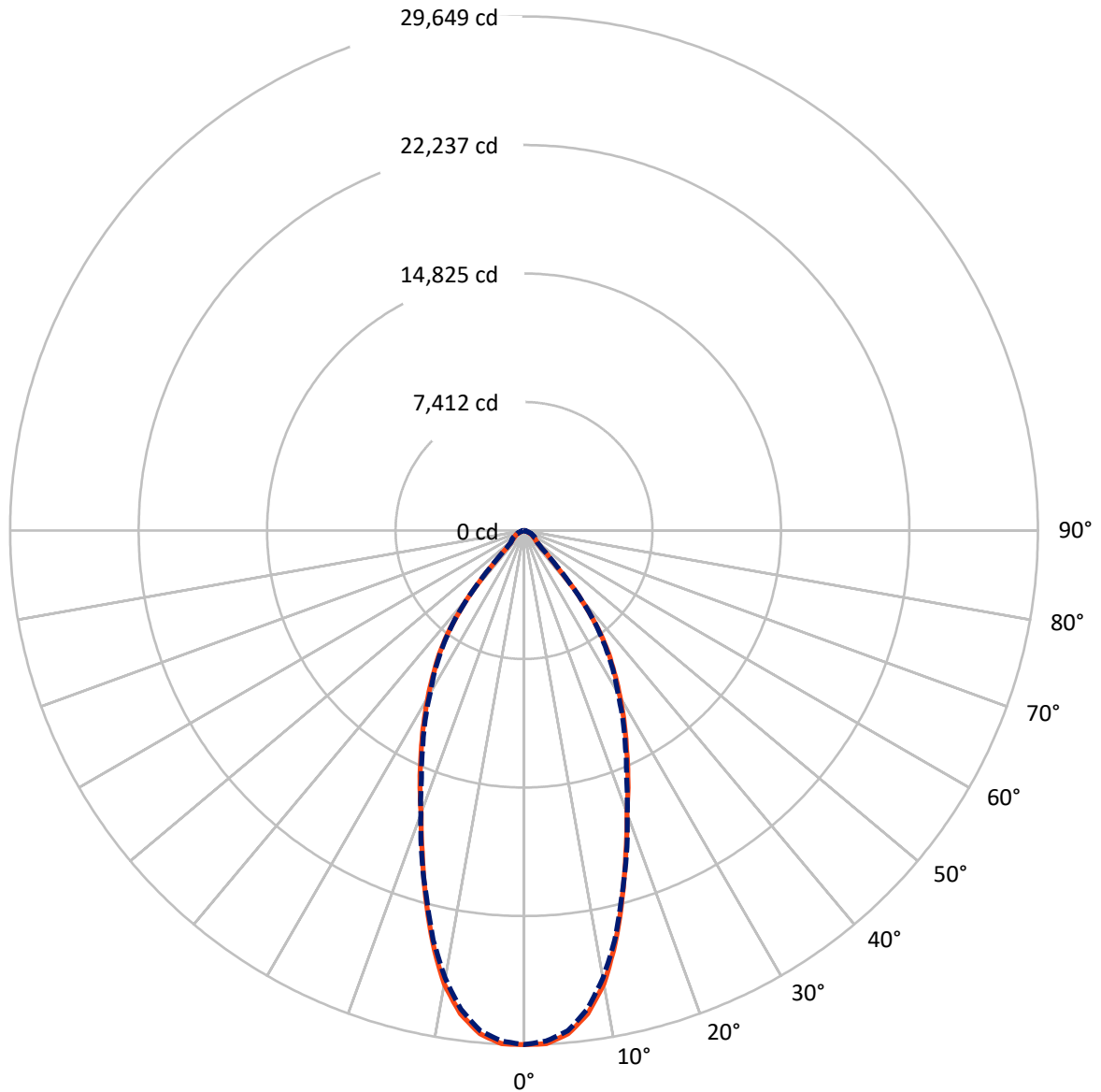
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Lumen Table

90																
80	0.4	2.8		6.3		10.4		8.1		10.4		6.3		2.8		0.4
70																
60	1.6	1.8	3.4	5.2	7.4	9.2	10.6	11.4	11.4	10.6	9.2	7.4	5.2	3.4	1.8	1.6
50		2.8	5.5	9.3	13.3	16.6	18.9	20.9	20.9	18.9	16.6	13.3	9.3	5.5	2.8	
40	2.5	3.7	7.7	13.0	18.9	25.9	41.0	57.4	57.4	41.0	25.9	18.9	13.0	7.7	3.7	2.5
30		4.5	9.7	16.2	30.4	97.3	189.4	241.3	241.3	189.4	97.3	30.4	16.2	9.7	4.5	
20	2.7	5.2	11.3	20.3	88.9	232.4	342.9	415.2	415.2	342.9	232.4	88.9	20.3	11.3	5.2	2.7
10		5.8	12.6	31.1	161.7	320.7	487.3	634.3	634.3	487.3	320.7	161.7	31.1	12.6	5.8	
0	2.8	6.2	13.6	42.9	197.0	374.2	612.9	829.0	829.0	612.9	374.2	197.0	42.9	13.6	6.2	2.8
-10		6.2	13.6	42.9	197.0	374.2	612.9	829.0	829.0	612.9	374.2	197.0	42.9	13.6	6.2	
-20	2.7	5.8	12.6	31.1	161.7	320.7	487.3	634.3	634.3	487.3	320.7	161.7	31.1	12.6	5.8	2.7
-30		5.2	11.3	20.3	88.9	232.4	342.9	415.2	415.2	342.9	232.4	88.9	20.3	11.3	5.2	
-40	2.5	4.5	9.7	16.2	30.4	97.3	189.4	241.3	241.3	189.4	97.3	30.4	16.2	9.7	4.5	2.5
-50		3.7	7.7	13.0	18.9	25.9	41.0	57.4	57.4	41.0	25.9	18.9	13.0	7.7	3.7	
-60	1.6	2.8	5.5	9.3	13.3	16.6	18.9	20.9	20.9	18.9	16.6	13.3	9.3	5.5	2.8	1.6
-70		1.8	3.4	5.2	7.4	9.2	10.6	11.4	11.4	10.6	9.2	7.4	5.2	3.4	1.8	
-80																
-90	0.4	2.8		6.3		10.4		8.1		10.4		6.3		2.8		0.4

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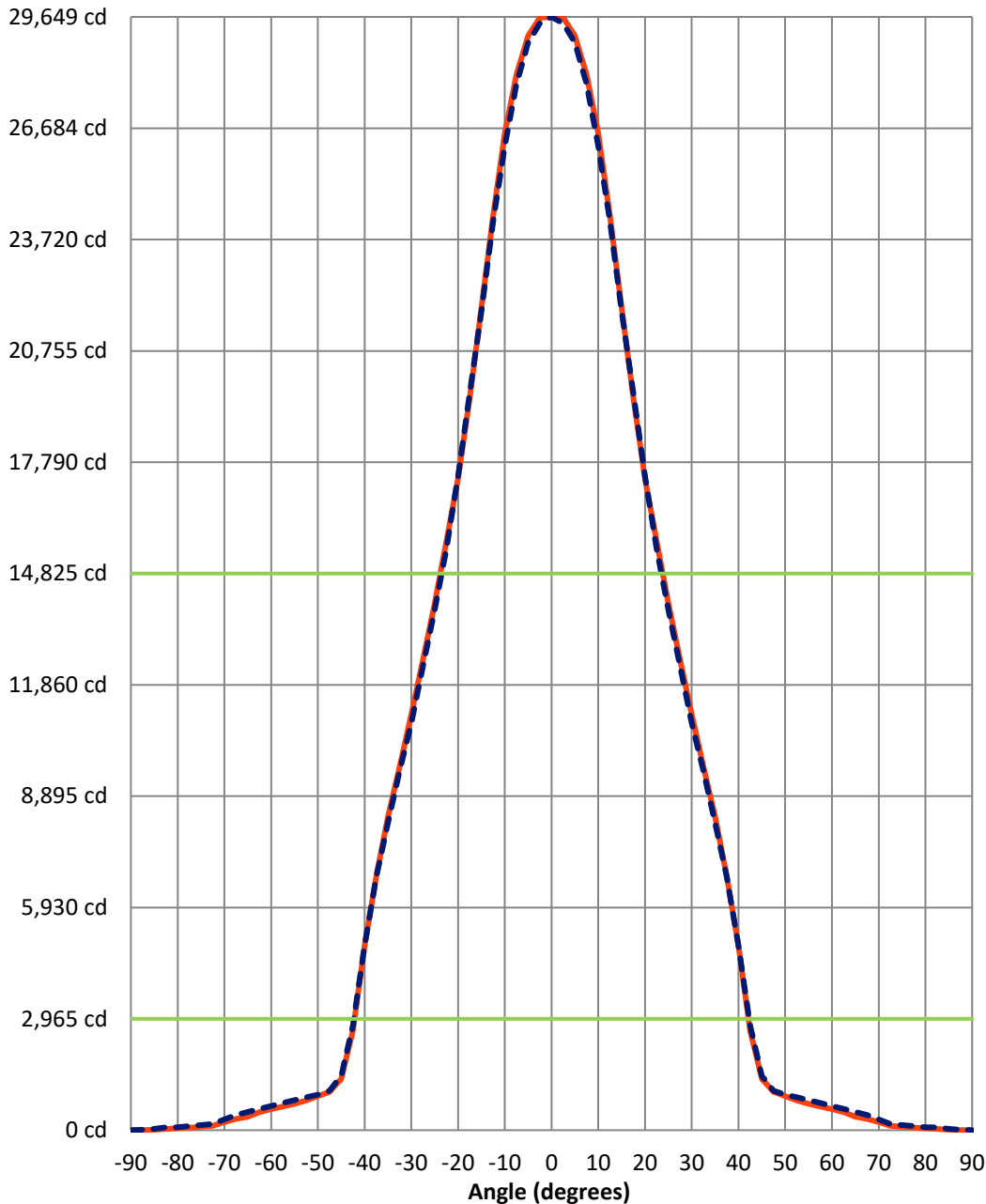
Luminous Intensity Polar Plot



— 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: 10890.9
Efficiency: 47.2%

Field:
H Angle: 84.6°
V Angle: 84.3°
Lumens: 20956.9
Efficiency: 90.8%

Spill:
Lumens: 2123.4
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	0.5	1.0	1.6	2.3	3.1	4.0	4.5	5.0	5.3	5.7
85°	0.0	1.0	1.9	3.2	4.6	6.2	8.1	9.0	9.9	10.7	11.3
82.5°	0.0	1.4	2.9	4.8	6.9	9.3	12.0	13.6	15.3	18.3	20.6
80°	0.0	1.9	3.9	6.3	9.2	12.4	16.6	22.1	26.3	29.6	32.0
77.5°	0.0	2.4	4.8	7.9	11.4	16.9	26.1	32.6	37.4	41.1	44.4
75°	0.0	2.9	5.7	9.4	14.2	24.1	35.4	43.2	48.9	55.1	59.8
72.5°	0.0	3.3	6.7	10.9	19.4	31.2	44.4	54.5	63.1	70.1	75.3
70°	0.0	3.8	7.6	12.7	24.5	38.0	53.5	67.7	77.4	85.3	97.5
67.5°	0.0	4.2	8.5	16.2	29.5	44.7	64.0	81.0	91.8	104.5	120.6
65°	0.0	4.7	9.4	19.5	34.3	51.8	74.2	94.2	106.8	122.9	142.2
62.5°	0.0	5.1	10.2	22.8	38.9	59.3	83.9	106.2	121.2	140.6	162.3
60°	0.0	5.5	11.1	25.9	43.3	66.5	93.0	117.2	134.8	158.6	182.1
57.5°	0.0	6.0	13.0	28.9	48.4	73.3	99.3	126.8	150.0	176.2	199.3
55°	0.0	6.4	14.9	31.7	53.2	79.7	104.6	133.9	165.5	192.9	215.2
52.5°	0.0	6.8	16.8	34.4	57.7	85.2	109.1	143.5	180.7	207.0	230.8
50°	0.0	7.1	18.6	36.9	61.9	87.9	112.8	152.5	194.7	220.8	248.1
47.5°	0.0	7.5	20.2	39.4	65.8	90.1	116.3	160.3	206.7	234.3	265.0
45°	0.0	7.8	21.9	42.0	69.4	91.7	121.9	167.1	212.8	248.8	281.2
42.5°	0.0	8.2	23.4	44.5	72.6	92.8	126.7	171.8	217.6	262.8	297.8
40°	0.0	8.5	24.9	47.0	74.3	93.3	130.6	175.0	221.7	275.2	313.8
37.5°	0.0	8.8	26.2	49.7	74.6	93.3	133.6	177.2	226.3	281.2	329.2
35°	0.0	9.1	27.5	52.3	74.4	94.5	135.8	178.4	230.1	290.2	343.9
32.5°	0.0	9.4	28.7	54.8	74.0	96.0	136.8	178.7	233.2	301.1	357.4
30°	0.0	9.6	29.8	57.2	73.3	96.8	136.7	178.7	235.6	313.8	370.7
27.5°	0.0	9.8	30.8	59.5	74.1	97.1	135.9	179.9	240.2	328.2	383.6
25°	0.0	10.1	31.8	61.7	74.9	96.8	134.4	180.4	249.8	340.1	396.4
22.5°	0.0	10.3	32.6	63.8	75.6	97.1	132.3	180.2	259.9	350.0	412.0
20°	0.0	10.4	33.3	65.8	76.2	99.6	129.5	179.2	270.1	359.2	426.2
17.5°	0.0	10.6	33.9	67.6	76.7	101.8	129.7	177.5	280.3	367.7	438.9
15°	0.0	10.7	34.5	69.3	77.1	103.7	131.6	177.0	290.0	375.5	450.1
12.5°	0.0	10.8	34.9	70.9	77.4	105.3	133.2	177.7	296.7	382.4	459.6
10°	0.0	10.9	35.2	72.2	77.6	106.7	134.4	177.3	299.5	388.1	467.8
7.5°	0.0	11.0	35.5	73.4	77.8	107.7	135.2	175.9	299.7	393.7	474.7
5°	0.0	11.1	35.6	74.4	77.8	108.5	135.8	173.6	297.7	398.8	479.9
2.5°	0.0	11.1	35.6	75.1	77.9	108.9	135.9	170.5	293.4	402.7	483.4
0°	0.0	11.1	35.6	75.1	77.9	108.9	135.9	170.5	293.4	402.7	483.4
-2.5°	0.0	11.1	35.6	75.1	77.9	108.9	135.9	170.5	293.4	402.7	483.4
-5°	0.0	11.1	35.6	74.4	77.8	108.5	135.8	173.6	297.7	398.8	479.9
-7.5°	0.0	11.0	35.5	73.4	77.8	107.7	135.2	175.9	299.7	393.7	474.7
-10°	0.0	10.9	35.2	72.2	77.6	106.7	134.4	177.3	299.5	388.1	467.8
-12.5°	0.0	10.8	34.9	70.9	77.4	105.3	133.2	177.7	296.7	382.4	459.6
-15°	0.0	10.7	34.5	69.3	77.1	103.7	131.6	177.0	290.0	375.5	450.1
-17.5°	0.0	10.6	33.9	67.6	76.7	101.8	129.7	177.5	280.3	367.7	438.9
-20°	0.0	10.4	33.3	65.8	76.2	99.6	129.5	179.2	270.1	359.2	426.2



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 CATALOG NUMBER: GFLD-SA4E-935-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	10.3	32.6	63.8	75.6	97.1	132.3	180.2	259.9	350.0	412.0
-25°	0.0	10.1	31.8	61.7	74.9	96.8	134.4	180.4	249.8	340.1	396.4
-27.5°	0.0	9.8	30.8	59.5	74.1	97.1	135.9	179.9	240.2	328.2	383.6
-30°	0.0	9.6	29.8	57.2	73.3	96.8	136.7	178.7	235.6	313.8	370.7
-32.5°	0.0	9.4	28.7	54.8	74.0	96.0	136.8	178.7	233.2	301.1	357.4
-35°	0.0	9.1	27.5	52.3	74.4	94.5	135.8	178.4	230.1	290.2	343.9
-37.5°	0.0	8.8	26.2	49.7	74.6	93.3	133.6	177.2	226.3	281.2	329.2
-40°	0.0	8.5	24.9	47.0	74.3	93.3	130.6	175.0	221.7	275.2	313.8
-42.5°	0.0	8.2	23.4	44.5	72.6	92.8	126.7	171.8	217.6	262.8	297.8
-45°	0.0	7.8	21.9	42.0	69.4	91.7	121.9	167.1	212.8	248.8	281.2
-47.5°	0.0	7.5	20.2	39.4	65.8	90.1	116.3	160.3	206.7	234.3	265.0
-50°	0.0	7.1	18.6	36.9	61.9	87.9	112.8	152.5	194.7	220.8	248.1
-52.5°	0.0	6.8	16.8	34.4	57.7	85.2	109.1	143.5	180.7	207.0	230.8
-55°	0.0	6.4	14.9	31.7	53.2	79.7	104.6	133.9	165.5	192.9	215.2
-57.5°	0.0	6.0	13.0	28.9	48.4	73.3	99.3	126.8	150.0	176.2	199.3
-60°	0.0	5.5	11.1	25.9	43.3	66.5	93.0	117.2	134.8	158.6	182.1
-62.5°	0.0	5.1	10.2	22.8	38.9	59.3	83.9	106.2	121.2	140.6	162.3
-65°	0.0	4.7	9.4	19.5	34.3	51.8	74.2	94.2	106.8	122.9	142.2
-67.5°	0.0	4.2	8.5	16.2	29.5	44.7	64.0	81.0	91.8	104.5	120.6
-70°	0.0	3.8	7.6	12.7	24.5	38.0	53.5	67.7	77.4	85.3	97.5
-72.5°	0.0	3.3	6.7	10.9	19.4	31.2	44.4	54.5	63.1	70.1	75.3
-75°	0.0	2.9	5.7	9.4	14.2	24.1	35.4	43.2	48.9	55.1	59.8
-77.5°	0.0	2.4	4.8	7.9	11.4	16.9	26.1	32.6	37.4	41.1	44.4
-80°	0.0	1.9	3.9	6.3	9.2	12.4	16.6	22.1	26.3	29.6	32.0
-82.5°	0.0	1.4	2.9	4.8	6.9	9.3	12.0	13.6	15.3	18.3	20.6
-85°	0.0	1.0	1.9	3.2	4.6	6.2	8.1	9.0	9.9	10.7	11.3
-87.5°	0.0	0.5	1.0	1.6	2.3	3.1	4.0	4.5	5.0	5.3	5.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.7	5.6	5.4	5.1	4.8	4.3	3.8	3.2	3.3	3.4	3.6
85°	11.4	11.2	12.0	12.8	13.2	13.1	12.7	11.9	13.7	15.7	17.8
82.5°	22.6	24.5	26.4	28.2	28.2	27.6	26.6	25.6	29.4	34.2	39.4
80°	34.9	37.8	42.2	46.6	47.8	47.4	45.9	43.4	48.8	56.7	65.7
77.5°	49.8	55.9	62.0	68.1	69.6	68.3	65.4	60.8	67.7	80.5	94.7
75°	66.2	73.8	83.5	91.1	92.7	90.0	85.5	81.6	89.9	105.8	121.0
72.5°	86.4	98.9	108.5	115.2	115.6	113.2	111.0	108.9	118.2	137.1	152.7
70°	112.2	124.8	132.2	136.3	137.2	138.7	145.0	151.0	160.3	176.4	189.2
67.5°	137.8	147.8	154.5	159.4	168.9	178.0	186.7	195.7	206.1	219.7	229.5
65°	160.7	170.9	179.7	191.2	205.2	216.2	227.9	240.6	254.8	267.7	277.1
62.5°	183.2	194.1	206.6	221.8	238.0	252.9	270.0	287.6	304.6	319.2	335.1
60°	201.7	216.4	233.0	251.4	270.9	293.4	314.1	334.4	353.0	371.2	393.6
57.5°	219.3	239.2	259.5	281.5	307.1	334.5	358.8	381.1	404.4	430.8	452.8
55°	237.8	262.8	286.2	312.8	343.2	376.3	402.9	428.0	456.8	488.5	513.2
52.5°	257.8	285.4	312.8	344.7	381.6	414.5	442.3	473.5	508.5	542.8	571.5
50°	277.2	307.6	339.4	380.0	416.6	448.0	482.4	520.2	556.7	592.0	625.9
47.5°	296.7	329.3	371.5	413.0	447.2	484.0	524.2	563.1	601.4	638.2	673.7
45°	315.9	354.4	401.4	440.7	478.8	521.1	562.6	603.3	643.6	682.9	721.6
42.5°	334.3	379.2	426.4	467.6	511.5	555.6	599.1	642.1	684.7	726.7	767.9
40°	354.5	401.7	451.4	496.5	542.2	588.2	634.0	679.4	724.3	768.8	812.5
37.5°	373.1	425.1	476.9	524.0	571.1	619.2	667.2	715.4	762.7	809.0	858.9
35°	389.7	448.7	501.0	550.4	599.7	648.6	699.4	750.0	799.9	850.1	913.8
32.5°	408.4	472.5	523.8	575.9	626.9	677.3	730.0	783.6	836.7	895.4	986.9
30°	429.4	492.4	545.4	600.2	652.5	705.4	759.9	815.8	871.6	963.0	1174.2
27.5°	449.9	510.7	566.4	622.5	676.3	731.2	788.3	846.2	924.1	1064.5	1407.2
25°	468.9	528.3	586.1	642.9	698.5	755.4	814.4	874.6	980.3	1264.0	2020.9
22.5°	484.9	545.2	605.4	661.6	718.5	777.3	838.7	918.6	1081.9	1465.3	2703.7
20°	498.6	561.3	622.8	681.3	737.2	796.8	860.7	960.5	1236.2	2040.1	3522.1
17.5°	511.2	576.0	638.9	699.9	758.8	817.2	882.7	996.7	1375.1	2539.7	4344.9
15°	522.9	589.1	653.9	717.5	778.4	839.2	917.5	1099.4	1656.1	3035.6	5077.8
12.5°	533.4	600.6	667.5	733.7	796.0	858.9	948.7	1201.5	2000.3	3617.4	5578.0
10°	542.6	610.5	679.7	748.5	811.5	876.2	975.1	1285.3	2283.3	4096.0	5980.0
7.5°	551.1	620.1	691.0	761.6	825.0	891.0	996.7	1350.7	2501.8	4456.4	6300.8
5°	558.3	629.4	704.4	776.0	841.8	907.2	1015.2	1397.7	2655.4	4699.3	6534.4
2.5°	563.8	637.2	716.1	788.6	860.4	926.7	1036.4	1432.5	2754.4	4853.9	6683.9
0°	567.6	643.3	725.7	799.1	877.0	943.8	1052.9	1449.1	2791.3	4910.4	6740.1
-2.5°	563.8	637.2	716.1	788.6	860.4	926.7	1036.4	1432.5	2754.4	4853.9	6683.9
-5°	558.3	629.4	704.4	776.0	841.8	907.2	1015.2	1397.7	2655.4	4699.3	6534.4
-7.5°	551.1	620.1	691.0	761.6	825.0	891.0	996.7	1350.7	2501.8	4456.4	6300.8
-10°	542.6	610.5	679.7	748.5	811.5	876.2	975.1	1285.3	2283.3	4096.0	5980.0
-12.5°	533.4	600.6	667.5	733.7	796.0	858.9	948.7	1201.5	2000.3	3617.4	5578.0
-15°	522.9	589.1	653.9	717.5	778.4	839.2	917.5	1099.4	1656.1	3035.6	5077.8
-17.5°	511.2	576.0	638.9	699.9	758.8	817.2	882.7	996.7	1375.1	2539.7	4344.9
-20°	498.6	561.3	622.8	681.3	737.2	796.8	860.7	960.5	1236.2	2040.1	3522.1



REPORT NUMBER: P558989 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-935-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°	484.9	545.2	605.4	661.6	718.5	777.3	838.7	918.6	1081.9	1465.3	2703.7
-25°	468.9	528.3	586.1	642.9	698.5	755.4	814.4	874.6	980.3	1264.0	2020.9
-27.5°	449.9	510.7	566.4	622.5	676.3	731.2	788.3	846.2	924.1	1064.5	1407.2
-30°	429.4	492.4	545.4	600.2	652.5	705.4	759.9	815.8	871.6	963.0	1174.2
-32.5°	408.4	472.5	523.8	575.9	626.9	677.3	730.0	783.6	836.7	895.4	986.9
-35°	389.7	448.7	501.0	550.4	599.7	648.6	699.4	750.0	799.9	850.1	913.8
-37.5°	373.1	425.1	476.9	524.0	571.1	619.2	667.2	715.4	762.7	809.0	858.9
-40°	354.5	401.7	451.4	496.5	542.2	588.2	634.0	679.4	724.3	768.8	812.5
-42.5°	334.3	379.2	426.4	467.6	511.5	555.6	599.1	642.1	684.7	726.7	767.9
-45°	315.9	354.4	401.4	440.7	478.8	521.1	562.6	603.3	643.6	682.9	721.6
-47.5°	296.7	329.3	371.5	413.0	447.2	484.0	524.2	563.1	601.4	638.2	673.7
-50°	277.2	307.6	339.4	380.0	416.6	448.0	482.4	520.2	556.7	592.0	625.9
-52.5°	257.8	285.4	312.8	344.7	381.6	414.5	442.3	473.5	508.5	542.8	571.5
-55°	237.8	262.8	286.2	312.8	343.2	376.3	402.9	428.0	456.8	488.5	513.2
-57.5°	219.3	239.2	259.5	281.5	307.1	334.5	358.8	381.1	404.4	430.8	452.8
-60°	201.7	216.4	233.0	251.4	270.9	293.4	314.1	334.4	353.0	371.2	393.6
-62.5°	183.2	194.1	206.6	221.8	238.0	252.9	270.0	287.6	304.6	319.2	335.1
-65°	160.7	170.9	179.7	191.2	205.2	216.2	227.9	240.6	254.8	267.7	277.1
-67.5°	137.8	147.8	154.5	159.4	168.9	178.0	186.7	195.7	206.1	219.7	229.5
-70°	112.2	124.8	132.2	136.3	137.2	138.7	145.0	151.0	160.3	176.4	189.2
-72.5°	86.4	98.9	108.5	115.2	115.6	113.2	111.0	108.9	118.2	137.1	152.7
-75°	66.2	73.8	83.5	91.1	92.7	90.0	85.5	81.6	89.9	105.8	121.0
-77.5°	49.8	55.9	62.0	68.1	69.6	68.3	65.4	60.8	67.7	80.5	94.7
-80°	34.9	37.8	42.2	46.6	47.8	47.4	45.9	43.4	48.8	56.7	65.7
-82.5°	22.6	24.5	26.4	28.2	28.2	27.6	26.6	25.6	29.4	34.2	39.4
-85°	11.4	11.2	12.0	12.8	13.2	13.1	12.7	11.9	13.7	15.7	17.8
-87.5°	5.7	5.6	5.4	5.1	4.8	4.3	3.8	3.2	3.3	3.4	3.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558989 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-935-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°	3.7	3.8	3.9	4.0	4.1	4.2	4.2	4.3	4.3	3.8	3.3
85°	20.0	19.4	18.4	17.0	15.4	16.2	17.1	18.1	18.9	17.7	16.3
82.5°	44.9	45.5	45.5	45.4	45.1	47.0	48.9	50.5	51.9	48.0	43.4
80°	75.7	79.3	81.4	83.3	85.0	85.0	83.9	81.9	79.1	72.4	64.9
77.5°	109.4	115.0	117.8	120.7	123.6	124.6	125.3	126.1	126.9	115.1	100.1
75°	135.6	144.0	148.9	153.5	157.7	160.1	161.4	162.3	162.6	148.5	130.2
72.5°	165.4	173.7	179.5	185.2	190.4	193.8	195.8	197.3	198.3	186.0	168.5
70°	198.3	204.8	211.8	218.8	225.2	229.6	232.5	234.8	236.5	235.4	234.4
67.5°	237.2	242.9	251.4	258.1	264.8	269.6	274.6	278.5	281.5	284.7	288.4
65°	285.9	299.6	312.1	318.5	319.4	326.2	337.5	344.8	348.4	351.3	355.0
62.5°	353.6	370.3	379.2	389.9	403.6	416.4	421.2	427.9	435.7	445.2	456.1
60°	411.7	425.5	439.8	454.5	467.1	477.6	489.1	500.5	510.9	520.4	529.7
57.5°	471.1	486.3	500.8	518.0	530.0	537.1	548.3	562.0	572.5	580.7	593.2
55°	532.7	552.2	571.9	587.5	598.9	606.3	614.8	628.0	635.8	638.8	653.2
52.5°	594.6	617.7	642.0	660.2	672.3	683.5	693.9	705.5	713.4	717.2	731.3
50°	652.0	679.5	706.6	730.3	746.3	765.0	786.1	796.6	803.3	810.8	826.5
47.5°	706.5	737.3	766.3	793.2	816.3	837.2	855.4	872.9	898.7	919.2	939.5
45°	759.0	791.8	823.3	853.4	879.2	920.2	959.2	992.4	1081.3	1156.0	1212.9
42.5°	808.3	848.0	883.4	933.6	988.2	1082.9	1229.0	1364.4	1626.5	1963.9	2245.6
40°	859.9	911.3	974.7	1072.4	1257.2	1447.2	2015.3	2521.5	3019.3	3585.5	4070.7
37.5°	920.0	997.3	1183.3	1404.1	1996.7	2652.2	3457.2	4247.4	4935.5	5524.3	6015.9
35°	999.5	1238.6	1586.2	2390.4	3266.0	4340.7	5268.5	6011.7	6691.4	7237.0	7647.6
32.5°	1234.1	1671.5	2589.6	3695.8	4900.0	5938.3	6842.0	7553.6	8173.7	8662.6	9043.3
30°	1577.4	2582.8	3829.7	5154.5	6354.0	7345.4	8180.4	8858.7	9412.2	9909.7	10327.4
27.5°	2393.5	3687.2	5152.7	6504.0	7595.0	8523.2	9272.3	9944.2	10554.4	11078.2	11572.1
25°	3286.4	4888.0	6366.2	7596.0	8614.2	9485.0	10275.1	11009.9	11693.1	12306.3	12880.8
22.5°	4358.9	5956.0	7368.8	8507.1	9493.7	10388.3	11227.3	12045.3	12840.6	13588.8	14283.8
20°	5329.8	6897.4	8129.3	9266.0	10291.1	11223.2	12148.1	13101.4	14019.2	14920.4	15757.3
17.5°	6086.4	7544.7	8781.5	9933.7	10977.1	12032.8	13091.2	14186.1	15293.1	16339.8	17340.8
15°	6718.2	8084.7	9338.1	10490.2	11637.4	12802.1	13984.6	15274.4	16591.2	17844.0	19120.0
12.5°	7166.1	8535.4	9806.1	10962.1	12248.3	13512.6	14889.0	16359.1	17879.9	19339.1	20906.5
10°	7526.2	8894.9	10154.9	11401.4	12762.5	14164.4	15708.2	17327.5	19142.2	20870.0	22558.8
7.5°	7835.2	9194.8	10435.2	11759.5	13190.5	14731.3	16410.3	18241.0	20204.8	22127.6	24137.7
5°	8061.2	9399.3	10652.9	12053.2	13519.4	15145.5	16951.8	18907.9	21014.1	23120.9	25108.7
2.5°	8180.9	9515.9	10788.3	12235.4	13712.3	15396.5	17277.7	19351.0	21575.7	23874.4	25834.5
0°	8178.1	9564.8	10840.3	12358.4	13854.2	15472.4	17417.9	19634.9	21805.2	24193.6	26205.8
-2.5°	8180.9	9515.9	10788.3	12235.4	13712.3	15396.5	17277.7	19351.0	21575.7	23874.4	25834.5
-5°	8061.2	9399.3	10652.9	12053.2	13519.4	15145.5	16951.8	18907.9	21014.1	23120.9	25108.7
-7.5°	7835.2	9194.8	10435.2	11759.5	13190.5	14731.3	16410.3	18241.0	20204.8	22127.6	24137.7
-10°	7526.2	8894.9	10154.9	11401.4	12762.5	14164.4	15708.2	17327.5	19142.2	20870.0	22558.8
-12.5°	7166.1	8535.4	9806.1	10962.1	12248.3	13512.6	14889.0	16359.1	17879.9	19339.1	20906.5
-15°	6718.2	8084.7	9338.1	10490.2	11637.4	12802.1	13984.6	15274.4	16591.2	17844.0	19120.0
-17.5°	6086.4	7544.7	8781.5	9933.7	10977.1	12032.8	13091.2	14186.1	15293.1	16339.8	17340.8
-20°	5329.8	6897.4	8129.3	9266.0	10291.1	11223.2	12148.1	13101.4	14019.2	14920.4	15757.3



REPORT NUMBER: P558989 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4358.9	5956.0	7368.8	8507.1	9493.7	10388.3	11227.3	12045.3	12840.6	13588.8	14283.8
-25°	3286.4	4888.0	6366.2	7596.0	8614.2	9485.0	10275.1	11009.9	11693.1	12306.3	12880.8
-27.5°	2393.5	3687.2	5152.7	6504.0	7595.0	8523.2	9272.3	9944.2	10554.4	11078.2	11572.1
-30°	1577.4	2582.8	3829.7	5154.5	6354.0	7345.4	8180.4	8858.7	9412.2	9909.7	10327.4
-32.5°	1234.1	1671.5	2589.6	3695.8	4900.0	5938.3	6842.0	7553.6	8173.7	8662.6	9043.3
-35°	999.5	1238.6	1586.2	2390.4	3266.0	4340.7	5268.5	6011.7	6691.4	7237.0	7647.6
-37.5°	920.0	997.3	1183.3	1404.1	1996.7	2652.2	3457.2	4247.4	4935.5	5524.3	6015.9
-40°	859.9	911.3	974.7	1072.4	1257.2	1447.2	2015.3	2521.5	3019.3	3585.5	4070.7
-42.5°	808.3	848.0	883.4	933.6	988.2	1082.9	1229.0	1364.4	1626.5	1963.9	2245.6
-45°	759.0	791.8	823.3	853.4	879.2	920.2	959.2	992.4	1081.3	1156.0	1212.9
-47.5°	706.5	737.3	766.3	793.2	816.3	837.2	855.4	872.9	898.7	919.2	939.5
-50°	652.0	679.5	706.6	730.3	746.3	765.0	786.1	796.6	803.3	810.8	826.5
-52.5°	594.6	617.7	642.0	660.2	672.3	683.5	693.9	705.5	713.4	717.2	731.3
-55°	532.7	552.2	571.9	587.5	598.9	606.3	614.8	628.0	635.8	638.8	653.2
-57.5°	471.1	486.3	500.8	518.0	530.0	537.1	548.3	562.0	572.5	580.7	593.2
-60°	411.7	425.5	439.8	454.5	467.1	477.6	489.1	500.5	510.9	520.4	529.7
-62.5°	353.6	370.3	379.2	389.9	403.6	416.4	421.2	427.9	435.7	445.2	456.1
-65°	285.9	299.6	312.1	318.5	319.4	326.2	337.5	344.8	348.4	351.3	355.0
-67.5°	237.2	242.9	251.4	258.1	264.8	269.6	274.6	278.5	281.5	284.7	288.4
-70°	198.3	204.8	211.8	218.8	225.2	229.6	232.5	234.8	236.5	235.4	234.4
-72.5°	165.4	173.7	179.5	185.2	190.4	193.8	195.8	197.3	198.3	186.0	168.5
-75°	135.6	144.0	148.9	153.5	157.7	160.1	161.4	162.3	162.6	148.5	130.2
-77.5°	109.4	115.0	117.8	120.7	123.6	124.6	125.3	126.1	126.9	115.1	100.1
-80°	75.7	79.3	81.4	83.3	85.0	85.0	83.9	81.9	79.1	72.4	64.9
-82.5°	44.9	45.5	45.5	45.4	45.1	47.0	48.9	50.5	51.9	48.0	43.4
-85°	20.0	19.4	18.4	17.0	15.4	16.2	17.1	18.1	18.9	17.7	16.3
-87.5°	3.7	3.8	3.9	4.0	4.1	4.2	4.2	4.3	4.3	3.8	3.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558989 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-935-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°	2.8	2.2	2.2	2.2	2.2	2.2	2.8	3.3	3.8	4.3	4.3
85°	14.9	13.3	13.4	13.4	13.4	13.3	14.9	16.3	17.7	18.9	18.1
82.5°	38.5	33.3	33.3	33.4	33.3	33.3	38.5	43.4	48.0	51.9	50.5
80°	57.1	49.0	50.0	51.2	50.0	49.0	57.1	64.9	72.4	79.1	81.9
77.5°	84.1	67.3	66.7	66.8	66.7	67.3	84.1	100.1	115.1	126.9	126.1
75°	111.4	92.1	91.2	91.3	91.2	92.1	111.4	130.2	148.5	162.6	162.3
72.5°	150.5	132.0	123.7	115.7	123.7	132.0	150.5	168.5	186.0	198.3	197.3
70°	234.6	235.2	226.9	215.9	226.9	235.2	234.6	234.4	235.4	236.5	234.8
67.5°	291.5	293.9	297.4	300.5	297.4	293.9	291.5	288.4	284.7	281.5	278.5
65°	356.6	356.5	357.8	358.4	357.8	356.5	356.6	355.0	351.3	348.4	344.8
62.5°	465.4	472.9	478.2	480.8	478.2	472.9	465.4	456.1	445.2	435.7	427.9
60°	537.4	543.6	552.3	560.9	552.3	543.6	537.4	529.7	520.4	510.9	500.5
57.5°	604.7	615.1	623.6	629.9	623.6	615.1	604.7	593.2	580.7	572.5	562.0
55°	666.9	679.0	690.7	701.2	690.7	679.0	666.9	653.2	638.8	635.8	628.0
52.5°	745.0	755.0	771.4	792.4	771.4	755.0	745.0	731.3	717.2	713.4	705.5
50°	844.7	859.7	880.7	906.0	880.7	859.7	844.7	826.5	810.8	803.3	796.6
47.5°	960.0	975.2	995.3	1021.7	995.3	975.2	960.0	939.5	919.2	898.7	872.9
45°	1265.0	1300.6	1333.1	1368.9	1333.1	1300.6	1265.0	1212.9	1156.0	1081.3	992.4
42.5°	2471.4	2627.5	2694.9	2655.5	2694.9	2627.5	2471.4	2245.6	1963.9	1626.5	1364.4
40°	4440.6	4700.1	4852.8	4905.9	4852.8	4700.1	4440.6	4070.7	3585.5	3019.3	2521.5
37.5°	6375.0	6613.8	6742.7	6757.9	6742.7	6613.8	6375.0	6015.9	5524.3	4935.5	4247.4
35°	7944.1	8140.9	8257.5	8345.0	8257.5	8140.9	7944.1	7647.6	7237.0	6691.4	6011.7
32.5°	9353.3	9577.5	9707.1	9678.3	9707.1	9577.5	9353.3	9043.3	8662.6	8173.7	7553.6
30°	10669.8	10915.0	11067.3	11071.8	11067.3	10915.0	10669.8	10327.4	9909.7	9412.2	8858.7
27.5°	11971.3	12246.6	12405.3	12529.7	12405.3	12246.6	11971.3	11572.1	11078.2	10554.4	9944.2
25°	13359.7	13702.9	13906.7	14030.0	13906.7	13702.9	13359.7	12880.8	12306.3	11693.1	11009.9
22.5°	14856.8	15281.9	15561.1	15677.2	15561.1	15281.9	14856.8	14283.8	13588.8	12840.6	12045.3
20°	16485.2	17011.9	17368.5	17357.8	17368.5	17011.9	16485.2	15757.3	14920.4	14019.2	13101.4
17.5°	18302.2	18981.6	19441.5	19508.0	19441.5	18981.6	18302.2	17340.8	16339.8	15293.1	14186.1
15°	20250.2	21126.2	21721.0	21905.4	21721.0	21126.2	20250.2	19120.0	17844.0	16591.2	15274.4
12.5°	22246.3	23288.4	24081.3	24345.0	24081.3	23288.4	22246.3	20906.5	19339.1	17879.9	16359.1
10°	24148.4	25302.6	26163.2	26544.2	26163.2	25302.6	24148.4	22558.8	20870.0	19142.2	17327.5
7.5°	25738.3	26911.1	27797.6	28111.2	27797.6	26911.1	25738.3	24137.7	22127.6	20204.8	18241.0
5°	26785.9	28067.1	28756.4	29144.1	28756.4	28067.1	26785.9	25108.7	23120.9	21014.1	18907.9
2.5°	27485.7	28572.2	29270.3	29627.1	29270.3	28572.2	27485.7	25834.5	23874.4	21575.7	19351.0
0°	27857.5	28963.8	29475.7	29649.4	29475.7	28963.8	27857.5	26205.8	24193.6	21805.2	19634.9
-2.5°	27485.7	28572.2	29270.3	29627.1	29270.3	28572.2	27485.7	25834.5	23874.4	21575.7	19351.0
-5°	26785.9	28067.1	28756.4	29144.1	28756.4	28067.1	26785.9	25108.7	23120.9	21014.1	18907.9
-7.5°	25738.3	26911.1	27797.6	28111.2	27797.6	26911.1	25738.3	24137.7	22127.6	20204.8	18241.0
-10°	24148.4	25302.6	26163.2	26544.2	26163.2	25302.6	24148.4	22558.8	20870.0	19142.2	17327.5
-12.5°	22246.3	23288.4	24081.3	24345.0	24081.3	23288.4	22246.3	20906.5	19339.1	17879.9	16359.1
-15°	20250.2	21126.2	21721.0	21905.4	21721.0	21126.2	20250.2	19120.0	17844.0	16591.2	15274.4
-17.5°	18302.2	18981.6	19441.5	19508.0	19441.5	18981.6	18302.2	17340.8	16339.8	15293.1	14186.1
-20°	16485.2	17011.9	17368.5	17357.8	17368.5	17011.9	16485.2	15757.3	14920.4	14019.2	13101.4



REPORT NUMBER: P558989 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	14856.8	15281.9	15561.1	15677.2	15561.1	15281.9	14856.8	14283.8	13588.8	12840.6	12045.3
-25°	13359.7	13702.9	13906.7	14030.0	13906.7	13702.9	13359.7	12880.8	12306.3	11693.1	11009.9
-27.5°	11971.3	12246.6	12405.3	12529.7	12405.3	12246.6	11971.3	11572.1	11078.2	10554.4	9944.2
-30°	10669.8	10915.0	11067.3	11071.8	11067.3	10915.0	10669.8	10327.4	9909.7	9412.2	8858.7
-32.5°	9353.3	9577.5	9707.1	9678.3	9707.1	9577.5	9353.3	9043.3	8662.6	8173.7	7553.6
-35°	7944.1	8140.9	8257.5	8345.0	8257.5	8140.9	7944.1	7647.6	7237.0	6691.4	6011.7
-37.5°	6375.0	6613.8	6742.7	6757.9	6742.7	6613.8	6375.0	6015.9	5524.3	4935.5	4247.4
-40°	4440.6	4700.1	4852.8	4905.9	4852.8	4700.1	4440.6	4070.7	3585.5	3019.3	2521.5
-42.5°	2471.4	2627.5	2694.9	2655.5	2694.9	2627.5	2471.4	2245.6	1963.9	1626.5	1364.4
-45°	1265.0	1300.6	1333.1	1368.9	1333.1	1300.6	1265.0	1212.9	1156.0	1081.3	992.4
-47.5°	960.0	975.2	995.3	1021.7	995.3	975.2	960.0	939.5	919.2	898.7	872.9
-50°	844.7	859.7	880.7	906.0	880.7	859.7	844.7	826.5	810.8	803.3	796.6
-52.5°	745.0	755.0	771.4	792.4	771.4	755.0	745.0	731.3	717.2	713.4	705.5
-55°	666.9	679.0	690.7	701.2	690.7	679.0	666.9	653.2	638.8	635.8	628.0
-57.5°	604.7	615.1	623.6	629.9	623.6	615.1	604.7	593.2	580.7	572.5	562.0
-60°	537.4	543.6	552.3	560.9	552.3	543.6	537.4	529.7	520.4	510.9	500.5
-62.5°	465.4	472.9	478.2	480.8	478.2	472.9	465.4	456.1	445.2	435.7	427.9
-65°	356.6	356.5	357.8	358.4	357.8	356.5	356.6	355.0	351.3	348.4	344.8
-67.5°	291.5	293.9	297.4	300.5	297.4	293.9	291.5	288.4	284.7	281.5	278.5
-70°	234.6	235.2	226.9	215.9	226.9	235.2	234.6	234.4	235.4	236.5	234.8
-72.5°	150.5	132.0	123.7	115.7	123.7	132.0	150.5	168.5	186.0	198.3	197.3
-75°	111.4	92.1	91.2	91.3	91.2	92.1	111.4	130.2	148.5	162.6	162.3
-77.5°	84.1	67.3	66.7	66.8	66.7	67.3	84.1	100.1	115.1	126.9	126.1
-80°	57.1	49.0	50.0	51.2	50.0	49.0	57.1	64.9	72.4	79.1	81.9
-82.5°	38.5	33.3	33.3	33.4	33.3	33.3	38.5	43.4	48.0	51.9	50.5
-85°	14.9	13.3	13.4	13.4	13.4	13.3	14.9	16.3	17.7	18.9	18.1
-87.5°	2.8	2.2	2.2	2.2	2.2	2.2	2.8	3.3	3.8	4.3	4.3
-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: P558989 (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°	4.2	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.4	3.3	3.2
85°	17.1	16.2	15.4	17.0	18.4	19.4	20.0	17.8	15.7	13.7	11.9
82.5°	48.9	47.0	45.1	45.4	45.5	45.5	44.9	39.4	34.2	29.4	25.6
80°	83.9	85.0	85.0	83.3	81.4	79.3	75.7	65.7	56.7	48.8	43.4
77.5°	125.3	124.6	123.6	120.7	117.8	115.0	109.4	94.7	80.5	67.7	60.8
75°	161.4	160.1	157.7	153.5	148.9	144.0	135.6	121.0	105.8	89.9	81.6
72.5°	195.8	193.8	190.4	185.2	179.5	173.7	165.4	152.7	137.1	118.2	108.9
70°	232.5	229.6	225.2	218.8	211.8	204.8	198.3	189.2	176.4	160.3	151.0
67.5°	274.6	269.6	264.8	258.1	251.4	242.9	237.2	229.5	219.7	206.1	195.7
65°	337.5	326.2	319.4	318.5	312.1	299.6	285.9	277.1	267.7	254.8	240.6
62.5°	421.2	416.4	403.6	389.9	379.2	370.3	353.6	335.1	319.2	304.6	287.6
60°	489.1	477.6	467.1	454.5	439.8	425.5	411.7	393.6	371.2	353.0	334.4
57.5°	548.3	537.1	530.0	518.0	500.8	486.3	471.1	452.8	430.8	404.4	381.1
55°	614.8	606.3	598.9	587.5	571.9	552.2	532.7	513.2	488.5	456.8	428.0
52.5°	693.9	683.5	672.3	660.2	642.0	617.7	594.6	571.5	542.8	508.5	473.5
50°	786.1	765.0	746.3	730.3	706.6	679.5	652.0	625.9	592.0	556.7	520.2
47.5°	855.4	837.2	816.3	793.2	766.3	737.3	706.5	673.7	638.2	601.4	563.1
45°	959.2	920.2	879.2	853.4	823.3	791.8	759.0	721.6	682.9	643.6	603.3
42.5°	1229.0	1082.9	988.2	933.6	883.4	848.0	808.3	767.9	726.7	684.7	642.1
40°	2015.3	1447.2	1257.2	1072.4	974.7	911.3	859.9	812.5	768.8	724.3	679.4
37.5°	3457.2	2652.2	1996.7	1404.1	1183.3	997.3	920.0	858.9	809.0	762.7	715.4
35°	5268.5	4340.7	3266.0	2390.4	1586.2	1238.6	999.5	913.8	850.1	799.9	750.0
32.5°	6842.0	5938.3	4900.0	3695.8	2589.6	1671.5	1234.1	986.9	895.4	836.7	783.6
30°	8180.4	7345.4	6354.0	5154.5	3829.7	2582.8	1577.4	1174.2	963.0	871.6	815.8
27.5°	9272.3	8523.2	7595.0	6504.0	5152.7	3687.2	2393.5	1407.2	1064.5	924.1	846.2
25°	10275.1	9485.0	8614.2	7596.0	6366.2	4888.0	3286.4	2020.9	1264.0	980.3	874.6
22.5°	11227.3	10388.3	9493.7	8507.1	7368.8	5956.0	4358.9	2703.7	1465.3	1081.9	918.6
20°	12148.1	11223.2	10291.1	9266.0	8129.3	6897.4	5329.8	3522.1	2040.1	1236.2	960.5
17.5°	13091.2	12032.8	10977.1	9933.7	8781.5	7544.7	6086.4	4344.9	2539.7	1375.1	996.7
15°	13984.6	12802.1	11637.4	10490.2	9338.1	8084.7	6718.2	5077.8	3035.6	1656.1	1099.4
12.5°	14889.0	13512.6	12248.3	10962.1	9806.1	8535.4	7166.1	5578.0	3617.4	2000.3	1201.5
10°	15708.2	14164.4	12762.5	11401.4	10154.9	8894.9	7526.2	5980.0	4096.0	2283.3	1285.3
7.5°	16410.3	14731.3	13190.5	11759.5	10435.2	9194.8	7835.2	6300.8	4456.4	2501.8	1350.7
5°	16951.8	15145.5	13519.4	12053.2	10652.9	9399.3	8061.2	6534.4	4699.3	2655.4	1397.7
2.5°	17277.7	15396.5	13712.3	12235.4	10788.3	9515.9	8180.9	6683.9	4853.9	2754.4	1432.5
0°	17417.9	15472.4	13854.2	12358.4	10840.3	9564.8	8178.1	6740.1	4910.4	2791.3	1449.1
-2.5°	17277.7	15396.5	13712.3	12235.4	10788.3	9515.9	8180.9	6683.9	4853.9	2754.4	1432.5
-5°	16951.8	15145.5	13519.4	12053.2	10652.9	9399.3	8061.2	6534.4	4699.3	2655.4	1397.7
-7.5°	16410.3	14731.3	13190.5	11759.5	10435.2	9194.8	7835.2	6300.8	4456.4	2501.8	1350.7
-10°	15708.2	14164.4	12762.5	11401.4	10154.9	8894.9	7526.2	5980.0	4096.0	2283.3	1285.3
-12.5°	14889.0	13512.6	12248.3	10962.1	9806.1	8535.4	7166.1	5578.0	3617.4	2000.3	1201.5
-15°	13984.6	12802.1	11637.4	10490.2	9338.1	8084.7	6718.2	5077.8	3035.6	1656.1	1099.4
-17.5°	13091.2	12032.8	10977.1	9933.7	8781.5	7544.7	6086.4	4344.9	2539.7	1375.1	996.7
-20°	12148.1	11223.2	10291.1	9266.0	8129.3	6897.4	5329.8	3522.1	2040.1	1236.2	960.5



REPORT NUMBER: P558989 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	11227.3	10388.3	9493.7	8507.1	7368.8	5956.0	4358.9	2703.7	1465.3	1081.9	918.6
-25°	10275.1	9485.0	8614.2	7596.0	6366.2	4888.0	3286.4	2020.9	1264.0	980.3	874.6
-27.5°	9272.3	8523.2	7595.0	6504.0	5152.7	3687.2	2393.5	1407.2	1064.5	924.1	846.2
-30°	8180.4	7345.4	6354.0	5154.5	3829.7	2582.8	1577.4	1174.2	963.0	871.6	815.8
-32.5°	6842.0	5938.3	4900.0	3695.8	2589.6	1671.5	1234.1	986.9	895.4	836.7	783.6
-35°	5268.5	4340.7	3266.0	2390.4	1586.2	1238.6	999.5	913.8	850.1	799.9	750.0
-37.5°	3457.2	2652.2	1996.7	1404.1	1183.3	997.3	920.0	858.9	809.0	762.7	715.4
-40°	2015.3	1447.2	1257.2	1072.4	974.7	911.3	859.9	812.5	768.8	724.3	679.4
-42.5°	1229.0	1082.9	988.2	933.6	883.4	848.0	808.3	767.9	726.7	684.7	642.1
-45°	959.2	920.2	879.2	853.4	823.3	791.8	759.0	721.6	682.9	643.6	603.3
-47.5°	855.4	837.2	816.3	793.2	766.3	737.3	706.5	673.7	638.2	601.4	563.1
-50°	786.1	765.0	746.3	730.3	706.6	679.5	652.0	625.9	592.0	556.7	520.2
-52.5°	693.9	683.5	672.3	660.2	642.0	617.7	594.6	571.5	542.8	508.5	473.5
-55°	614.8	606.3	598.9	587.5	571.9	552.2	532.7	513.2	488.5	456.8	428.0
-57.5°	548.3	537.1	530.0	518.0	500.8	486.3	471.1	452.8	430.8	404.4	381.1
-60°	489.1	477.6	467.1	454.5	439.8	425.5	411.7	393.6	371.2	353.0	334.4
-62.5°	421.2	416.4	403.6	389.9	379.2	370.3	353.6	335.1	319.2	304.6	287.6
-65°	337.5	326.2	319.4	318.5	312.1	299.6	285.9	277.1	267.7	254.8	240.6
-67.5°	274.6	269.6	264.8	258.1	251.4	242.9	237.2	229.5	219.7	206.1	195.7
-70°	232.5	229.6	225.2	218.8	211.8	204.8	198.3	189.2	176.4	160.3	151.0
-72.5°	195.8	193.8	190.4	185.2	179.5	173.7	165.4	152.7	137.1	118.2	108.9
-75°	161.4	160.1	157.7	153.5	148.9	144.0	135.6	121.0	105.8	89.9	81.6
-77.5°	125.3	124.6	123.6	120.7	117.8	115.0	109.4	94.7	80.5	67.7	60.8
-80°	83.9	85.0	85.0	83.3	81.4	79.3	75.7	65.7	56.7	48.8	43.4
-82.5°	48.9	47.0	45.1	45.4	45.5	45.5	44.9	39.4	34.2	29.4	25.6
-85°	17.1	16.2	15.4	17.0	18.4	19.4	20.0	17.8	15.7	13.7	11.9
-87.5°	4.2	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.4	3.3	3.2
-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: P558989 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-935-U-MWR-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°	3.8	4.3	4.8	5.1	5.4	5.6	5.7	5.7	5.3	5.0	4.5
85°	12.7	13.1	13.2	12.8	12.0	11.2	11.4	11.3	10.7	9.9	9.0
82.5°	26.6	27.6	28.2	28.2	26.4	24.5	22.6	20.6	18.3	15.3	13.6
80°	45.9	47.4	47.8	46.6	42.2	37.8	34.9	32.0	29.6	26.3	22.1
77.5°	65.4	68.3	69.6	68.1	62.0	55.9	49.8	44.4	41.1	37.4	32.6
75°	85.5	90.0	92.7	91.1	83.5	73.8	66.2	59.8	55.1	48.9	43.2
72.5°	111.0	113.2	115.6	115.2	108.5	98.9	86.4	75.3	70.1	63.1	54.5
70°	145.0	138.7	137.2	136.3	132.2	124.8	112.2	97.5	85.3	77.4	67.7
67.5°	186.7	178.0	168.9	159.4	154.5	147.8	137.8	120.6	104.5	91.8	81.0
65°	227.9	216.2	205.2	191.2	179.7	170.9	160.7	142.2	122.9	106.8	94.2
62.5°	270.0	252.9	238.0	221.8	206.6	194.1	183.2	162.3	140.6	121.2	106.2
60°	314.1	293.4	270.9	251.4	233.0	216.4	201.7	182.1	158.6	134.8	117.2
57.5°	358.8	334.5	307.1	281.5	259.5	239.2	219.3	199.3	176.2	150.0	126.8
55°	402.9	376.3	343.2	312.8	286.2	262.8	237.8	215.2	192.9	165.5	133.9
52.5°	442.3	414.5	381.6	344.7	312.8	285.4	257.8	230.8	207.0	180.7	143.5
50°	482.4	448.0	416.6	380.0	339.4	307.6	277.2	248.1	220.8	194.7	152.5
47.5°	524.2	484.0	447.2	413.0	371.5	329.3	296.7	265.0	234.3	206.7	160.3
45°	562.6	521.1	478.8	440.7	401.4	354.4	315.9	281.2	248.8	212.8	167.1
42.5°	599.1	555.6	511.5	467.6	426.4	379.2	334.3	297.8	262.8	217.6	171.8
40°	634.0	588.2	542.2	496.5	451.4	401.7	354.5	313.8	275.2	221.7	175.0
37.5°	667.2	619.2	571.1	524.0	476.9	425.1	373.1	329.2	281.2	226.3	177.2
35°	699.4	648.6	599.7	550.4	501.0	448.7	389.7	343.9	290.2	230.1	178.4
32.5°	730.0	677.3	626.9	575.9	523.8	472.5	408.4	357.4	301.1	233.2	178.7
30°	759.9	705.4	652.5	600.2	545.4	492.4	429.4	370.7	313.8	235.6	178.7
27.5°	788.3	731.2	676.3	622.5	566.4	510.7	449.9	383.6	328.2	240.2	179.9
25°	814.4	755.4	698.5	642.9	586.1	528.3	468.9	396.4	340.1	249.8	180.4
22.5°	838.7	777.3	718.5	661.6	605.4	545.2	484.9	412.0	350.0	259.9	180.2
20°	860.7	796.8	737.2	681.3	622.8	561.3	498.6	426.2	359.2	270.1	179.2
17.5°	882.7	817.2	758.8	699.9	638.9	576.0	511.2	438.9	367.7	280.3	177.5
15°	917.5	839.2	778.4	717.5	653.9	589.1	522.9	450.1	375.5	290.0	177.0
12.5°	948.7	858.9	796.0	733.7	667.5	600.6	533.4	459.6	382.4	296.7	177.7
10°	975.1	876.2	811.5	748.5	679.7	610.5	542.6	467.8	388.1	299.5	177.3
7.5°	996.7	891.0	825.0	761.6	691.0	620.1	551.1	474.7	393.7	299.7	175.9
5°	1015.2	907.2	841.8	776.0	704.4	629.4	558.3	479.9	398.8	297.7	173.6
2.5°	1036.4	926.7	860.4	788.6	716.1	637.2	563.8	483.4	402.7	293.4	170.5
0°	1052.9	943.8	877.0	799.1	725.7	643.3	567.6	485.3	405.1	287.1	166.9
-2.5°	1036.4	926.7	860.4	788.6	716.1	637.2	563.8	483.4	402.7	293.4	170.5
-5°	1015.2	907.2	841.8	776.0	704.4	629.4	558.3	479.9	398.8	297.7	173.6
-7.5°	996.7	891.0	825.0	761.6	691.0	620.1	551.1	474.7	393.7	299.7	175.9
-10°	975.1	876.2	811.5	748.5	679.7	610.5	542.6	467.8	388.1	299.5	177.3
-12.5°	948.7	858.9	796.0	733.7	667.5	600.6	533.4	459.6	382.4	296.7	177.7
-15°	917.5	839.2	778.4	717.5	653.9	589.1	522.9	450.1	375.5	290.0	177.0
-17.5°	882.7	817.2	758.8	699.9	638.9	576.0	511.2	438.9	367.7	280.3	177.5
-20°	860.7	796.8	737.2	681.3	622.8	561.3	498.6	426.2	359.2	270.1	179.2



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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°	838.7	777.3	718.5	661.6	605.4	545.2	484.9	412.0	350.0	259.9	180.2
-25°	814.4	755.4	698.5	642.9	586.1	528.3	468.9	396.4	340.1	249.8	180.4
-27.5°	788.3	731.2	676.3	622.5	566.4	510.7	449.9	383.6	328.2	240.2	179.9
-30°	759.9	705.4	652.5	600.2	545.4	492.4	429.4	370.7	313.8	235.6	178.7
-32.5°	730.0	677.3	626.9	575.9	523.8	472.5	408.4	357.4	301.1	233.2	178.7
-35°	699.4	648.6	599.7	550.4	501.0	448.7	389.7	343.9	290.2	230.1	178.4
-37.5°	667.2	619.2	571.1	524.0	476.9	425.1	373.1	329.2	281.2	226.3	177.2
-40°	634.0	588.2	542.2	496.5	451.4	401.7	354.5	313.8	275.2	221.7	175.0
-42.5°	599.1	555.6	511.5	467.6	426.4	379.2	334.3	297.8	262.8	217.6	171.8
-45°	562.6	521.1	478.8	440.7	401.4	354.4	315.9	281.2	248.8	212.8	167.1
-47.5°	524.2	484.0	447.2	413.0	371.5	329.3	296.7	265.0	234.3	206.7	160.3
-50°	482.4	448.0	416.6	380.0	339.4	307.6	277.2	248.1	220.8	194.7	152.5
-52.5°	442.3	414.5	381.6	344.7	312.8	285.4	257.8	230.8	207.0	180.7	143.5
-55°	402.9	376.3	343.2	312.8	286.2	262.8	237.8	215.2	192.9	165.5	133.9
-57.5°	358.8	334.5	307.1	281.5	259.5	239.2	219.3	199.3	176.2	150.0	126.8
-60°	314.1	293.4	270.9	251.4	233.0	216.4	201.7	182.1	158.6	134.8	117.2
-62.5°	270.0	252.9	238.0	221.8	206.6	194.1	183.2	162.3	140.6	121.2	106.2
-65°	227.9	216.2	205.2	191.2	179.7	170.9	160.7	142.2	122.9	106.8	94.2
-67.5°	186.7	178.0	168.9	159.4	154.5	147.8	137.8	120.6	104.5	91.8	81.0
-70°	145.0	138.7	137.2	136.3	132.2	124.8	112.2	97.5	85.3	77.4	67.7
-72.5°	111.0	113.2	115.6	115.2	108.5	98.9	86.4	75.3	70.1	63.1	54.5
-75°	85.5	90.0	92.7	91.1	83.5	73.8	66.2	59.8	55.1	48.9	43.2
-77.5°	65.4	68.3	69.6	68.1	62.0	55.9	49.8	44.4	41.1	37.4	32.6
-80°	45.9	47.4	47.8	46.6	42.2	37.8	34.9	32.0	29.6	26.3	22.1
-82.5°	26.6	27.6	28.2	28.2	26.4	24.5	22.6	20.6	18.3	15.3	13.6
-85°	12.7	13.1	13.2	12.8	12.0	11.2	11.4	11.3	10.7	9.9	9.0
-87.5°	3.8	4.3	4.8	5.1	5.4	5.6	5.7	5.7	5.3	5.0	4.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.0	3.1	2.3	1.6	1.0	0.5	0.0
85°	8.1	6.2	4.6	3.2	1.9	1.0	0.0
82.5°	12.0	9.3	6.9	4.8	2.9	1.4	0.0
80°	16.6	12.4	9.2	6.3	3.9	1.9	0.0
77.5°	26.1	16.9	11.4	7.9	4.8	2.4	0.0
75°	35.4	24.1	14.2	9.4	5.7	2.9	0.0
72.5°	44.4	31.2	19.4	10.9	6.7	3.3	0.0
70°	53.5	38.0	24.5	12.7	7.6	3.8	0.0
67.5°	64.0	44.7	29.5	16.2	8.5	4.2	0.0
65°	74.2	51.8	34.3	19.5	9.4	4.7	0.0
62.5°	83.9	59.3	38.9	22.8	10.2	5.1	0.0
60°	93.0	66.5	43.3	25.9	11.1	5.5	0.0
57.5°	99.3	73.3	48.4	28.9	13.0	6.0	0.0
55°	104.6	79.7	53.2	31.7	14.9	6.4	0.0
52.5°	109.1	85.2	57.7	34.4	16.8	6.8	0.0
50°	112.8	87.9	61.9	36.9	18.6	7.1	0.0
47.5°	116.3	90.1	65.8	39.4	20.2	7.5	0.0
45°	121.9	91.7	69.4	42.0	21.9	7.8	0.0
42.5°	126.7	92.8	72.6	44.5	23.4	8.2	0.0
40°	130.6	93.3	74.3	47.0	24.9	8.5	0.0
37.5°	133.6	93.3	74.6	49.7	26.2	8.8	0.0
35°	135.8	94.5	74.4	52.3	27.5	9.1	0.0
32.5°	136.8	96.0	74.0	54.8	28.7	9.4	0.0
30°	136.7	96.8	73.3	57.2	29.8	9.6	0.0
27.5°	135.9	97.1	74.1	59.5	30.8	9.8	0.0
25°	134.4	96.8	74.9	61.7	31.8	10.1	0.0
22.5°	132.3	97.1	75.6	63.8	32.6	10.3	0.0
20°	129.5	99.6	76.2	65.8	33.3	10.4	0.0
17.5°	129.7	101.8	76.7	67.6	33.9	10.6	0.0
15°	131.6	103.7	77.1	69.3	34.5	10.7	0.0
12.5°	133.2	105.3	77.4	70.9	34.9	10.8	0.0
10°	134.4	106.7	77.6	72.2	35.2	10.9	0.0
7.5°	135.2	107.7	77.8	73.4	35.5	11.0	0.0
5°	135.8	108.5	77.8	74.4	35.6	11.1	0.0
2.5°	135.9	108.9	77.9	75.1	35.6	11.1	0.0
0°	135.8	109.1	77.9	75.7	35.6	11.1	0.0
-2.5°	135.9	108.9	77.9	75.1	35.6	11.1	0.0
-5°	135.8	108.5	77.8	74.4	35.6	11.1	0.0
-7.5°	135.2	107.7	77.8	73.4	35.5	11.0	0.0
-10°	134.4	106.7	77.6	72.2	35.2	10.9	0.0
-12.5°	133.2	105.3	77.4	70.9	34.9	10.8	0.0
-15°	131.6	103.7	77.1	69.3	34.5	10.7	0.0
-17.5°	129.7	101.8	76.7	67.6	33.9	10.6	0.0
-20°	129.5	99.6	76.2	65.8	33.3	10.4	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	132.3	97.1	75.6	63.8	32.6	10.3	0.0
-25°	134.4	96.8	74.9	61.7	31.8	10.1	0.0
-27.5°	135.9	97.1	74.1	59.5	30.8	9.8	0.0
-30°	136.7	96.8	73.3	57.2	29.8	9.6	0.0
-32.5°	136.8	96.0	74.0	54.8	28.7	9.4	0.0
-35°	135.8	94.5	74.4	52.3	27.5	9.1	0.0
-37.5°	133.6	93.3	74.6	49.7	26.2	8.8	0.0
-40°	130.6	93.3	74.3	47.0	24.9	8.5	0.0
-42.5°	126.7	92.8	72.6	44.5	23.4	8.2	0.0
-45°	121.9	91.7	69.4	42.0	21.9	7.8	0.0
-47.5°	116.3	90.1	65.8	39.4	20.2	7.5	0.0
-50°	112.8	87.9	61.9	36.9	18.6	7.1	0.0
-52.5°	109.1	85.2	57.7	34.4	16.8	6.8	0.0
-55°	104.6	79.7	53.2	31.7	14.9	6.4	0.0
-57.5°	99.3	73.3	48.4	28.9	13.0	6.0	0.0
-60°	93.0	66.5	43.3	25.9	11.1	5.5	0.0
-62.5°	83.9	59.3	38.9	22.8	10.2	5.1	0.0
-65°	74.2	51.8	34.3	19.5	9.4	4.7	0.0
-67.5°	64.0	44.7	29.5	16.2	8.5	4.2	0.0
-70°	53.5	38.0	24.5	12.7	7.6	3.8	0.0
-72.5°	44.4	31.2	19.4	10.9	6.7	3.3	0.0
-75°	35.4	24.1	14.2	9.4	5.7	2.9	0.0
-77.5°	26.1	16.9	11.4	7.9	4.8	2.4	0.0
-80°	16.6	12.4	9.2	6.3	3.9	1.9	0.0
-82.5°	12.0	9.3	6.9	4.8	2.9	1.4	0.0
-85°	8.1	6.2	4.6	3.2	1.9	1.0	0.0
-87.5°	4.0	3.1	2.3	1.6	1.0	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)