

Classified
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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: P627768 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-740-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627768 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-12)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5E-740-U-NR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (80) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 41616 lumens
Efficiency: N/A
Efficacy: 132.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 421846.4 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V
Beam Lumens: 13285.7 lumens
Beam Efficiency: 31.9%

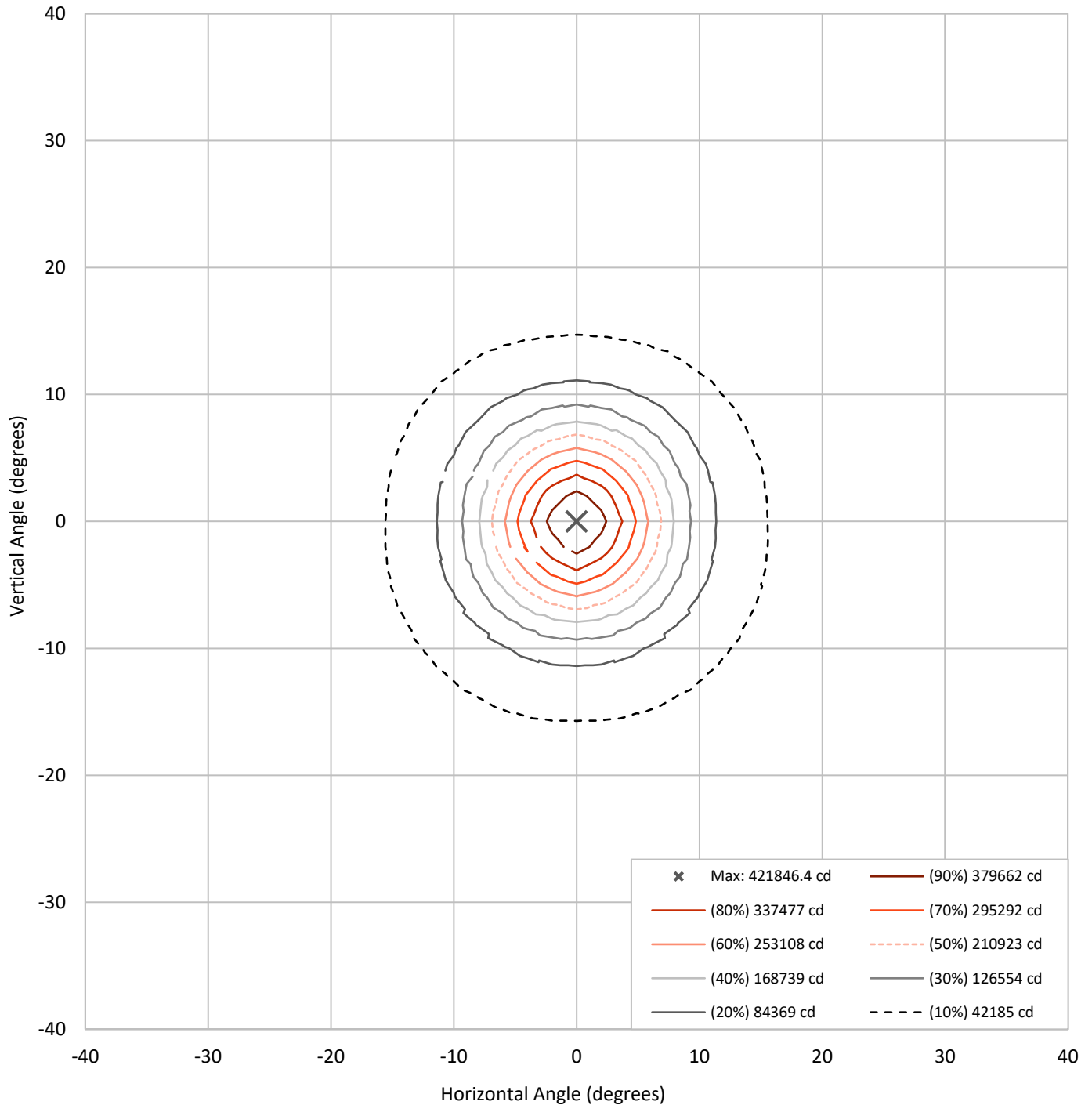
Field Angle (10%): 30.9°H x 30.2°V
Field Lumens: 29591.6 lumens
Field Efficiency: 71.1%

Input Watts (W): 313.7
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: P627768 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





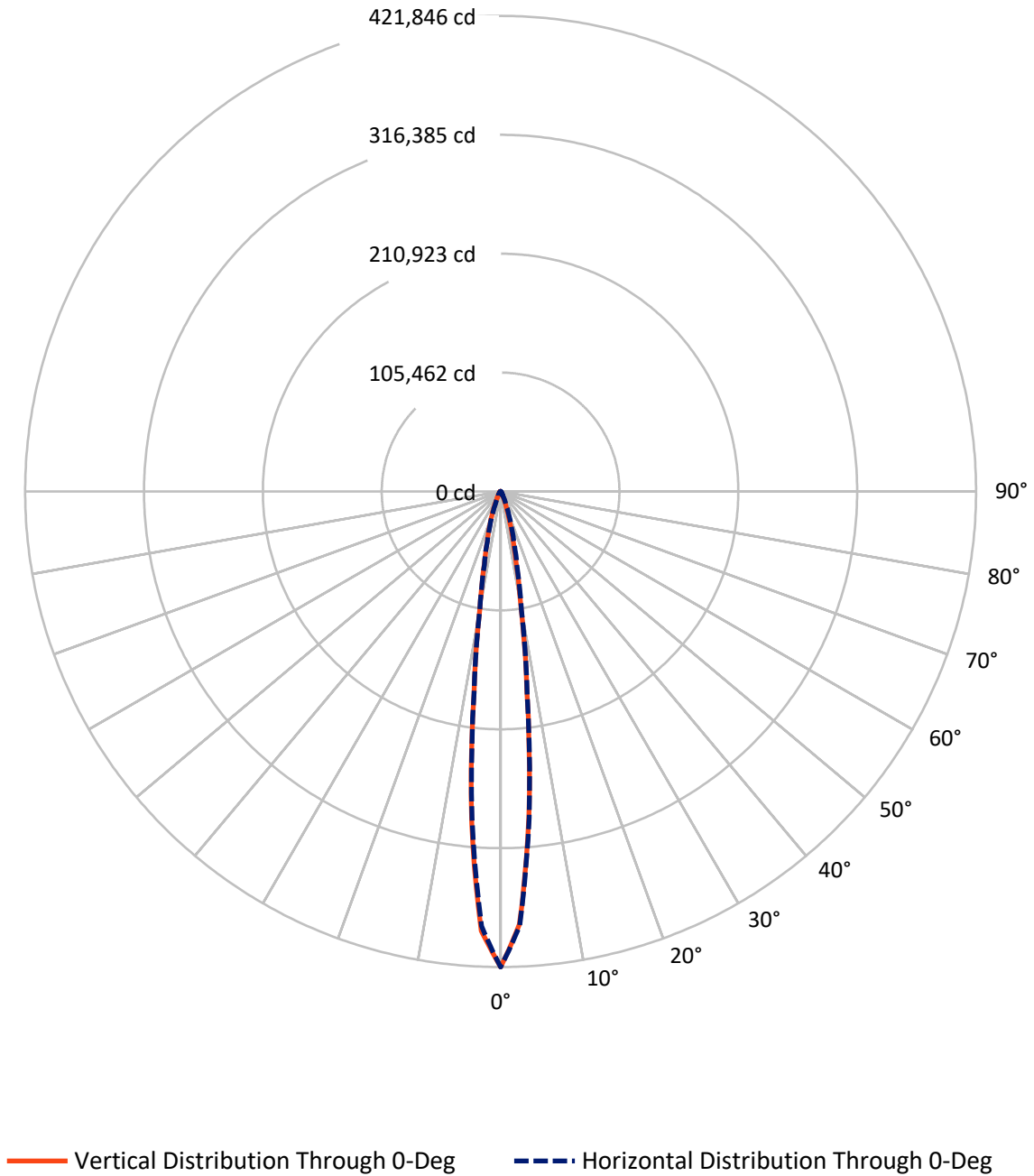
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Lumen Table

90																			
80	0.0	0.0		0.0		0.0		0.0		0.0		0.0		0.0					
70																			
60	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1			
50		0.1	0.3	1.0	2.3	3.7	4.9	5.9	5.9	4.9	3.7	2.3	1.0	0.3	0.1				
40	0.2	0.2	1.2	3.6	6.8	10.0	14.0	16.6	16.6	14.0	10.0	6.8	3.6	1.2	0.2	0.2			
30		0.6	2.9	7.1	12.6	19.9	33.8	43.1	43.1	33.8	19.9	12.6	7.1	2.9	0.6				
20	0.4	1.2	4.6	10.7	19.5	42.3	113.0	187.2	187.2	113.0	42.3	19.5	10.7	4.6	1.2	0.4			
10		1.8	6.4	14.8	32.2	126.5	533.5	1172.6	1172.6	533.5	126.5	32.2	14.8	6.4	1.8				
0	0.6	2.2	7.8	17.4	43.7	237.5	1278.3	5732.9	5732.9	1278.3	237.5	43.7	17.4	7.8	2.2	0.6			
-10		2.6	8.4	18.3	47.0	253.1	1323.1	5830.2	5830.2	1323.1	253.1	47.0	18.3	8.4	2.6				
-20	0.8	2.7	8.6	18.0	41.2	161.1	642.3	1373.8	1373.8	642.3	161.1	41.2	18.0	8.6	2.7	0.8			
-30		2.6	8.2	16.6	31.8	75.3	197.9	329.9	329.9	197.9	75.3	31.8	16.6	8.2	2.6				
-40	0.7	2.3	7.3	14.6	24.9	41.3	67.3	85.5	85.5	67.3	41.3	24.9	14.6	7.3	2.3	0.7			
-50		1.9	6.0	12.2	20.1	28.9	38.8	43.3	43.3	38.8	28.9	20.1	12.2	6.0	1.9				
-60	0.5	1.4	4.5	9.5	15.8	22.2	28.0	30.6	30.6	28.0	22.2	15.8	9.5	4.5	1.4	0.5			
-70		0.9	2.8	6.2	10.6	15.4	19.5	21.4	21.4	19.5	15.4	10.6	6.2	2.8	0.9				
-80	0.2	2.5		10.5		23.0		29.1		23.0		10.5		2.5		0.2			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

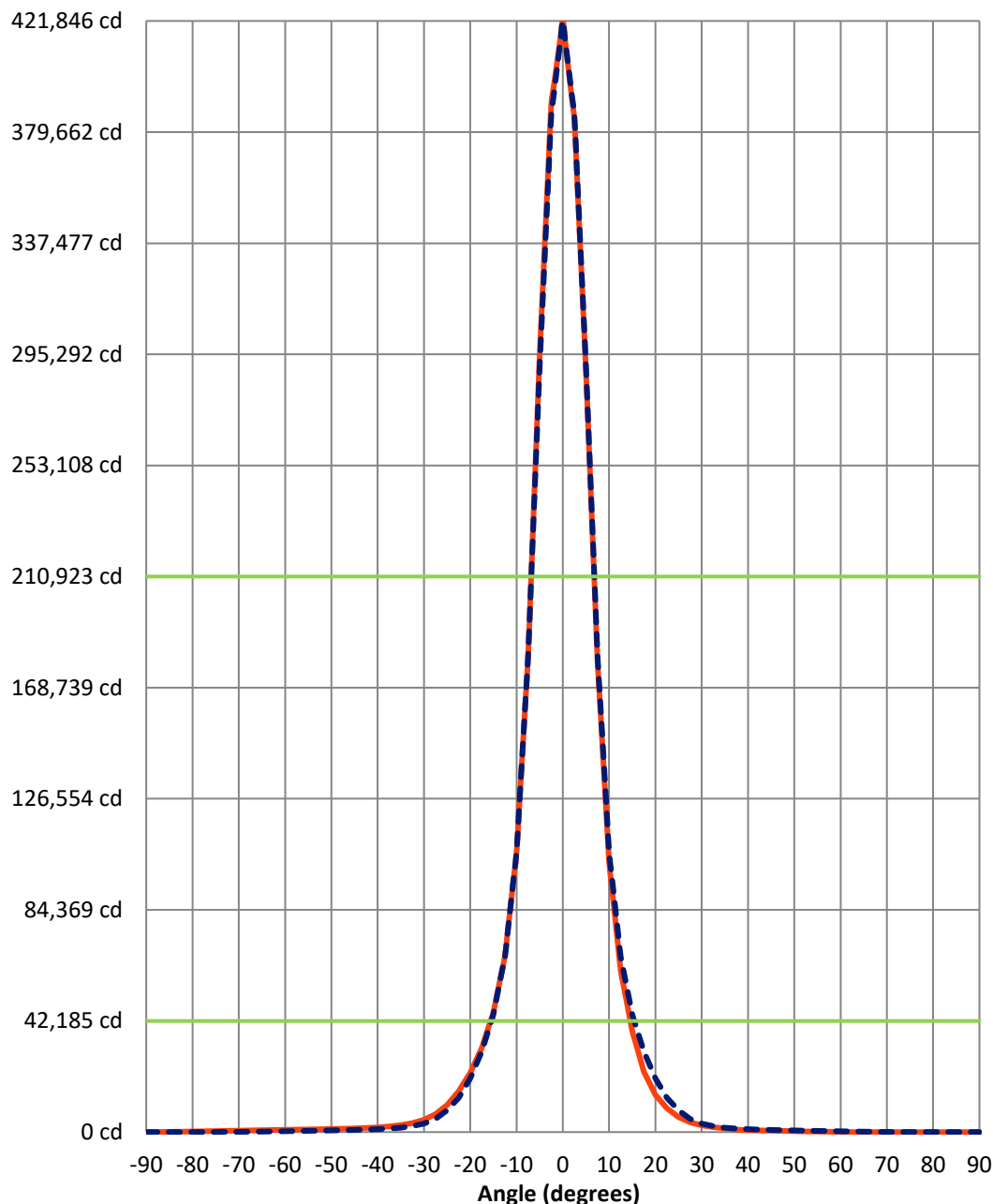
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 13.6°
V Angle: 13.6°
Lumens: 13285.7
Efficiency: 31.9%

Field:
H Angle: 30.9°
V Angle: 30.2°
Lumens: 29591.6
Efficiency: 71.1%

Spill:
Lumens: 12024.4
Efficiency: 28.9%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	1.0	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0
75°	0.0	1.2	0.2	0.0	0.1	0.7	0.2	0.0	0.2	0.8	0.3
72.5°	0.0	1.4	0.2	0.0	1.0	1.3	0.5	0.6	1.9	2.0	0.8
70°	0.0	1.6	0.4	0.2	1.8	2.0	1.0	2.7	3.7	3.3	1.2
67.5°	0.0	1.8	0.5	1.0	2.7	2.7	3.1	5.0	5.7	3.6	1.5
65°	0.0	2.1	0.7	1.9	3.6	3.8	5.1	7.4	6.0	3.9	2.7
62.5°	0.0	2.3	0.9	2.8	4.6	5.1	7.0	8.3	6.3	4.6	5.6
60°	0.0	2.5	1.2	3.8	5.6	6.2	8.7	8.7	6.7	6.4	8.2
57.5°	0.0	2.8	1.9	4.7	6.3	7.3	8.9	8.9	7.5	7.9	8.9
55°	0.0	3.0	2.7	5.6	6.9	8.2	8.9	8.9	8.2	8.9	8.9
52.5°	0.0	3.3	3.4	6.6	7.4	8.9	8.9	8.9	8.7	8.9	8.9
50°	0.0	3.5	4.0	7.6	7.9	8.9	8.9	8.9	8.9	8.9	10.4
47.5°	0.0	3.8	4.6	8.4	8.2	8.9	8.9	8.9	8.9	8.9	12.3
45°	0.0	4.1	5.2	8.7	8.6	8.9	8.9	8.9	9.2	11.1	14.7
42.5°	0.0	4.3	5.7	8.8	8.8	8.9	8.9	9.2	9.8	13.6	19.8
40°	0.0	4.6	6.2	8.9	8.9	8.9	8.9	9.9	11.4	16.4	25.5
37.5°	0.0	4.9	6.7	8.9	8.9	8.9	8.9	10.8	14.5	20.6	31.4
35°	0.0	5.2	7.0	8.9	8.9	8.9	8.9	11.9	17.8	26.3	38.5
32.5°	0.0	5.5	7.4	8.9	8.9	8.9	9.2	13.1	21.2	31.7	47.7
30°	0.0	5.8	7.7	8.9	8.9	8.9	10.1	14.9	24.8	37.0	57.7
27.5°	0.0	6.1	8.0	8.9	8.9	8.9	11.1	17.7	28.8	42.0	68.5
25°	0.0	6.4	8.2	8.9	8.9	8.9	12.2	20.6	33.0	49.5	80.1
22.5°	0.0	6.6	8.4	8.9	8.9	9.1	13.3	23.5	37.1	58.5	93.8
20°	0.0	6.9	8.5	8.9	8.9	9.7	14.4	26.4	40.9	67.6	106.4
17.5°	0.0	7.2	8.7	8.9	8.9	10.5	16.0	29.1	44.5	76.8	117.8
15°	0.0	7.5	8.7	8.9	8.9	11.5	17.9	31.9	47.8	85.8	128.3
12.5°	0.0	7.7	8.8	8.9	8.9	12.5	19.6	34.6	52.4	94.6	137.6
10°	0.0	8.0	8.9	8.9	8.9	13.5	21.2	37.1	58.1	102.8	145.9
7.5°	0.0	8.2	8.9	8.9	8.9	14.7	22.8	39.3	64.0	109.9	153.1
5°	0.0	8.5	8.9	8.9	8.9	15.8	24.2	41.3	69.7	115.9	159.6
2.5°	0.0	8.7	8.9	8.9	8.9	16.9	25.6	43.1	75.3	120.9	165.1
0°	0.0	8.9	8.9	8.9	8.9	17.9	26.8	44.6	80.4	125.0	169.7
-2.5°	0.0	8.9	8.9	8.9	9.7	18.8	29.1	47.3	85.0	128.3	175.4
-5°	0.0	8.9	8.9	8.9	10.5	19.7	31.3	49.7	88.9	130.9	180.1
-7.5°	0.0	8.8	8.9	8.9	11.2	20.5	33.3	51.9	92.0	132.9	183.7
-10°	0.0	8.8	8.9	8.9	11.9	21.1	35.0	53.9	94.4	134.3	185.9
-12.5°	0.0	8.7	8.9	8.9	12.5	21.7	36.5	55.5	95.8	135.7	189.4
-15°	0.0	8.6	8.9	8.9	13.0	22.2	37.6	56.9	96.2	138.4	192.6
-17.5°	0.0	8.5	8.9	8.9	13.3	22.6	38.3	58.3	95.5	139.8	194.1
-20°	0.0	8.4	8.9	8.9	13.6	22.9	38.9	59.4	94.1	139.7	193.8

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CATALOG NUMBER: GFLD-SA5E-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	8.2	8.9	8.9	13.7	23.1	39.4	60.2	92.0	138.1	191.5
-25°	0.0	8.1	8.9	8.9	13.7	23.7	39.6	60.5	89.2	134.9	187.3
-27.5°	0.0	7.9	8.9	8.9	13.5	24.3	39.6	60.3	85.6	130.3	183.3
-30°	0.0	7.7	8.9	8.9	13.1	24.7	39.4	59.6	83.8	125.5	177.2
-32.5°	0.0	7.5	8.9	8.9	13.1	24.9	39.0	58.9	82.7	119.9	168.8
-35°	0.0	7.3	8.9	8.9	12.9	24.8	38.9	58.1	81.0	113.5	158.0
-37.5°	0.0	7.1	8.9	8.9	12.6	24.6	38.7	57.0	78.7	106.4	151.9
-40°	0.0	6.8	8.9	8.9	12.1	24.1	38.2	55.7	75.7	101.9	146.3
-42.5°	0.0	6.6	8.9	9.0	12.0	23.3	37.4	54.1	73.3	99.8	139.4
-45°	0.0	6.3	8.9	9.2	12.3	22.4	36.3	52.4	71.2	96.8	131.8
-47.5°	0.0	6.0	8.9	9.4	12.6	21.2	34.8	50.6	68.8	92.6	126.7
-50°	0.0	5.7	8.9	9.5	12.7	19.8	33.0	48.4	66.1	89.1	120.2
-52.5°	0.0	5.4	8.9	9.6	12.7	18.2	30.9	45.8	62.8	84.2	112.4
-55°	0.0	5.1	8.9	9.6	12.6	17.7	28.5	42.7	59.0	77.9	104.2
-57.5°	0.0	4.8	8.9	9.6	12.4	17.3	25.9	39.3	54.8	72.2	94.4
-60°	0.0	4.4	8.9	9.6	12.2	16.7	23.1	35.6	50.1	66.4	84.6
-62.5°	0.0	4.1	8.2	9.5	11.8	16.0	22.0	31.4	44.9	60.1	76.9
-65°	0.0	3.8	7.5	9.3	11.4	15.2	20.6	27.7	39.3	53.2	68.7
-67.5°	0.0	3.4	6.8	9.2	10.9	14.2	19.1	25.4	33.4	45.9	59.9
-70°	0.0	3.0	6.1	8.9	10.3	13.2	17.4	22.9	29.8	38.2	50.5
-72.5°	0.0	2.7	5.3	8.0	9.7	12.0	15.5	20.2	26.1	33.2	41.4
-75°	0.0	2.3	4.6	6.9	9.0	10.7	13.5	17.7	22.2	28.1	34.9
-77.5°	0.0	1.9	3.8	5.8	7.7	9.4	11.4	15.2	19.3	23.3	28.1
-80°	0.0	1.5	3.1	4.6	6.2	7.7	9.2	12.7	16.4	20.1	23.7
-82.5°	0.0	1.2	2.3	3.5	4.6	5.8	6.9	9.9	13.5	16.8	20.1
-85°	0.0	0.8	1.5	2.3	3.1	3.8	4.6	6.7	9.1	11.9	15.1
-87.5°	0.0	0.4	0.8	1.2	1.5	1.9	2.3	3.3	4.6	6.0	7.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.6	2.5	3.0	1.9	0.0	0.0	0.0	0.6	0.0	0.0	0.0
65°	4.3	5.8	4.4	2.3	0.2	2.1	3.0	2.4	0.3	0.0	0.0
62.5°	8.2	7.0	4.9	3.7	5.0	6.7	5.2	3.0	0.8	4.3	6.3
60°	8.9	7.5	6.2	7.0	9.0	8.0	5.8	8.7	13.1	16.5	19.9
57.5°	8.9	8.2	8.1	9.6	10.1	10.1	15.7	21.0	29.7	36.8	41.7
55°	9.1	8.8	10.1	12.1	15.0	21.3	29.2	41.1	50.7	65.4	77.9
52.5°	10.1	10.1	13.6	18.3	27.0	36.9	50.7	67.6	86.7	101.1	116.2
50°	11.6	14.9	19.1	30.6	42.6	58.0	80.8	105.4	121.5	137.7	159.5
47.5°	15.9	20.3	31.4	44.8	62.1	86.8	118.1	135.8	151.8	177.1	204.2
45°	21.4	30.4	44.1	62.6	86.6	121.1	145.8	160.2	187.8	217.2	248.1
42.5°	27.4	41.9	60.7	80.3	117.8	150.6	172.9	195.9	223.7	258.1	291.6
40°	37.1	53.3	78.8	109.5	147.7	179.7	207.7	234.1	261.4	306.3	341.9
37.5°	47.1	70.6	99.4	137.5	177.3	212.2	243.5	276.7	315.7	366.3	398.3
35°	56.6	88.6	123.8	164.4	206.5	246.1	283.7	322.4	373.0	420.9	459.2
32.5°	70.2	107.0	146.6	190.4	233.8	278.7	324.3	370.6	420.4	469.4	519.6
30°	87.1	126.6	168.3	215.3	258.9	310.8	363.6	412.7	462.9	514.5	571.2
27.5°	104.2	144.9	190.0	237.4	283.2	342.4	399.4	450.6	502.1	557.6	622.3
25°	120.0	163.3	210.5	257.2	311.1	374.5	436.9	496.2	539.8	603.0	678.6
22.5°	135.2	181.3	232.0	275.0	337.9	406.8	479.5	543.3	594.8	651.3	737.1
20°	150.2	199.9	252.2	300.3	364.8	438.9	525.1	590.9	654.9	727.6	815.2
17.5°	164.5	217.2	272.1	329.3	397.3	474.1	571.9	638.9	715.3	802.5	912.8
15°	178.0	233.2	292.1	356.3	426.6	509.3	603.7	687.3	778.7	879.2	1009.6
12.5°	190.7	247.8	311.8	381.3	452.4	539.6	630.3	719.2	824.4	955.9	1120.0
10°	202.3	261.0	330.8	404.2	474.9	565.2	653.8	746.3	857.3	1001.8	1189.6
7.5°	211.9	274.4	348.9	424.9	494.2	586.3	674.0	768.6	884.8	1039.7	1236.4
5°	220.1	288.4	365.7	438.3	510.4	604.4	691.0	786.3	906.7	1069.3	1269.8
2.5°	226.8	301.3	380.4	448.1	524.2	621.0	704.5	805.9	928.9	1092.3	1301.2
0°	232.2	312.5	392.9	455.4	535.7	634.0	714.3	821.5	946.5	1107.2	1330.4
-2.5°	243.0	321.8	400.4	463.8	548.0	636.1	720.8	823.7	953.1	1118.8	1335.9
-5°	252.1	329.3	405.8	470.3	557.3	635.9	723.6	821.8	955.4	1125.5	1345.6
-7.5°	259.1	335.1	409.4	475.4	562.2	638.8	727.6	828.2	962.4	1131.5	1358.3
-10°	263.6	339.2	412.4	481.7	563.4	641.9	729.1	829.6	961.2	1127.6	1351.3
-12.5°	266.0	341.7	413.8	485.2	563.1	641.5	727.0	825.7	951.3	1113.5	1323.7
-15°	266.7	342.6	413.6	485.5	561.8	637.8	721.3	816.4	933.6	1089.6	1280.4
-17.5°	265.9	342.1	411.9	482.6	559.7	630.4	712.4	803.7	915.7	1061.5	1245.2
-20°	263.6	340.2	408.8	476.2	556.7	623.6	703.5	791.7	897.0	1029.1	1193.4

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627768 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	259.9	337.1	404.4	469.7	546.8	617.2	691.9	776.0	870.4	989.9	1135.8
-25°	255.6	330.8	398.7	464.7	535.6	607.6	677.3	757.2	844.0	958.8	1090.1
-27.5°	249.8	323.1	390.9	457.7	523.7	594.5	662.7	738.2	824.0	925.3	1042.7
-30°	241.6	312.2	380.1	448.1	513.2	579.8	645.6	717.6	798.4	893.9	1002.3
-32.5°	231.2	300.1	366.5	433.8	501.5	565.0	626.9	696.1	772.1	855.8	958.9
-35°	220.6	287.0	351.7	415.9	487.3	548.5	608.2	671.6	742.3	820.1	904.1
-37.5°	210.7	272.9	336.1	396.6	464.2	528.0	586.1	646.4	711.7	783.1	859.4
-40°	200.0	258.0	319.6	378.6	437.9	503.0	560.9	619.1	679.5	751.1	818.9
-42.5°	189.0	245.3	302.4	360.2	416.8	475.0	532.8	588.6	652.2	720.1	786.6
-45°	179.7	232.0	285.0	341.2	397.0	449.6	503.8	556.0	620.6	688.4	753.5
-47.5°	168.9	218.4	269.8	320.7	375.4	428.0	476.8	529.5	584.6	648.5	716.8
-50°	157.7	204.6	252.0	299.9	351.8	404.4	453.9	502.6	554.5	607.1	666.1
-52.5°	148.1	189.1	233.0	277.1	326.1	377.6	427.5	476.3	524.1	573.5	623.8
-55°	136.9	174.4	213.1	254.3	297.4	346.6	396.2	443.8	492.5	538.7	588.0
-57.5°	124.3	158.0	193.3	231.9	271.1	311.5	359.6	406.9	452.7	499.4	550.2
-60°	110.1	140.2	172.3	207.8	246.0	283.0	322.0	365.8	410.1	454.4	501.3
-62.5°	95.4	121.6	150.5	181.6	216.5	252.9	288.5	325.9	365.7	404.2	444.9
-65°	85.6	104.1	128.3	156.0	184.7	217.2	251.0	285.4	320.5	353.1	384.5
-67.5°	75.2	91.8	109.7	130.1	156.2	183.6	210.6	241.5	272.9	302.9	332.2
-70°	64.1	78.9	94.8	111.7	130.3	152.7	178.0	202.7	226.9	252.0	279.2
-72.5°	52.5	65.3	79.1	93.9	109.7	127.4	146.8	168.0	189.4	210.3	231.4
-75°	43.1	51.6	62.9	75.3	89.0	102.9	117.0	133.6	151.8	170.1	188.0
-77.5°	35.5	43.3	51.0	58.7	68.4	81.2	93.7	106.1	118.7	132.5	147.2
-80°	28.9	34.9	42.0	49.0	55.7	63.4	72.1	81.9	90.8	100.0	110.0
-82.5°	24.1	28.7	33.7	39.2	43.1	47.2	51.9	57.5	63.5	69.6	76.0
-85°	18.5	22.2	25.6	29.3	31.1	33.1	35.4	37.8	41.6	45.4	49.1
-87.5°	9.3	11.2	13.2	15.4	16.3	17.2	18.1	18.9	21.4	23.9	26.5
-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: P627768 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-740-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.5	0.1	0.0	0.0	0.1	1.6	2.2	1.9	0.8	0.0	0.0
62.5°	5.2	4.3	6.9	9.2	10.2	9.8	9.1	8.1	6.9	6.4	7.3
60°	21.4	21.0	29.3	33.3	30.3	21.4	33.6	39.7	38.1	32.7	32.5
57.5°	52.4	63.7	71.8	75.4	87.3	106.4	110.0	103.7	101.4	103.5	119.6
55°	90.8	99.9	104.6	120.8	135.2	145.6	151.7	158.0	167.1	178.3	189.9
52.5°	128.5	140.9	150.5	165.0	182.2	188.2	186.6	208.7	225.9	236.9	241.4
50°	176.4	192.0	214.2	236.9	246.7	256.4	266.6	284.7	311.1	344.0	362.9
47.5°	228.1	252.6	275.9	301.8	315.0	325.2	340.4	372.0	409.6	445.1	463.5
45°	274.6	296.4	323.1	345.5	361.8	381.5	403.4	432.0	474.1	511.1	536.6
42.5°	311.9	336.6	364.0	391.2	407.6	434.3	467.6	506.4	550.5	589.0	617.4
40°	364.4	385.2	428.9	454.7	461.2	486.0	552.8	605.9	655.7	703.1	726.7
37.5°	427.7	468.4	513.7	537.2	560.1	604.0	693.4	779.1	842.7	906.8	941.8
35°	499.5	553.1	614.9	642.5	691.8	787.5	892.5	1011.8	1160.2	1222.4	1279.0
32.5°	569.4	629.3	686.3	748.3	834.6	948.9	1067.2	1260.6	1441.2	1581.0	1683.2
30°	631.4	694.9	765.7	845.5	967.0	1124.5	1322.1	1572.3	1826.9	2049.1	2237.0
27.5°	692.7	764.9	849.0	968.0	1139.1	1353.0	1668.4	2025.4	2450.4	2763.4	3137.3
25°	759.9	842.4	950.4	1123.0	1353.8	1673.5	2177.8	2757.5	3454.3	4019.3	4610.5
22.5°	839.3	961.2	1098.1	1290.6	1693.8	2220.6	2909.5	3900.3	4972.2	5963.2	6917.5
20°	935.3	1102.0	1321.8	1676.0	2193.7	2972.5	4169.5	5750.7	7327.0	9005.8	10621.9
17.5°	1072.3	1312.6	1654.0	2158.1	2840.4	4381.0	6323.2	8768.9	11910.8	14758.1	17244.1
15°	1200.9	1487.9	2027.0	2780.6	3970.7	6012.6	8962.5	12999.0	17895.7	22358.4	27071.8
12.5°	1335.8	1674.8	2293.9	3253.4	4907.0	7565.2	11710.9	17241.7	23373.2	30099.0	37760.0
10°	1442.6	1854.2	2595.6	3812.1	5850.5	9160.7	14098.7	20806.4	28954.3	38908.0	51154.6
7.5°	1514.8	1998.1	2844.7	4221.1	6719.1	10792.4	16736.8	24799.2	34985.4	48172.0	65308.3
5°	1571.2	2107.9	3032.1	4594.0	7453.8	12037.9	18691.3	28295.6	40345.4	58013.2	87054.3
2.5°	1616.4	2192.0	3147.9	4850.7	7915.0	12905.3	20002.6	30273.7	43536.1	65289.0	102965.9
0°	1651.9	2268.0	3223.4	5009.2	8268.3	12991.8	20411.9	30635.7	44681.2	66602.2	106390.2
-2.5°	1667.0	2308.7	3249.3	5043.9	8233.0	13140.7	20536.8	30924.8	44638.1	65882.6	102565.7
-5°	1692.1	2308.1	3229.8	5008.5	8048.5	12755.8	19721.2	29306.8	41945.2	60216.3	90270.1
-7.5°	1710.1	2271.2	3136.3	4781.6	7565.3	11923.6	18288.1	26625.9	37043.9	50916.7	69530.1
-10°	1693.6	2200.6	2980.4	4400.9	6814.0	10588.5	16108.9	23086.8	31745.1	42026.0	54672.4
-12.5°	1629.8	2070.1	2726.0	3867.6	5841.2	9093.0	13916.3	19857.5	26266.0	33486.3	42225.0
-15°	1549.2	1929.5	2496.8	3501.8	5119.9	7610.8	11132.1	15951.9	21092.6	26574.7	32420.6
-17.5°	1486.5	1806.1	2275.8	3003.4	4193.5	6174.1	8941.3	12365.2	16143.0	20316.8	23781.0
-20°	1401.5	1654.1	2048.4	2642.6	3550.6	4862.8	6878.2	9365.6	11858.5	14793.1	17186.2

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627768 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1316.5	1536.5	1836.5	2271.4	2946.9	3938.3	5183.5	6844.4	8667.4	10351.9	12009.9
-25°	1237.5	1407.0	1649.7	2006.4	2464.7	3141.2	4027.5	4980.3	6181.9	7207.3	8345.2
-27.5°	1173.6	1319.1	1498.2	1759.7	2115.4	2550.5	3185.2	3823.6	4455.5	4973.0	5756.4
-30°	1111.9	1229.0	1378.8	1565.3	1831.9	2167.2	2579.2	2993.3	3358.0	3690.7	4098.6
-32.5°	1051.3	1146.6	1261.4	1416.2	1607.5	1859.6	2112.8	2409.6	2663.1	2897.0	3113.5
-35°	990.5	1075.4	1162.9	1293.4	1445.9	1625.0	1809.0	2010.2	2185.7	2343.2	2482.6
-37.5°	935.7	1010.2	1092.5	1189.7	1312.6	1447.4	1597.7	1743.8	1859.7	1962.0	2046.5
-40°	889.4	957.2	1027.6	1105.4	1199.0	1305.3	1433.0	1554.7	1635.9	1698.4	1749.6
-42.5°	848.0	907.7	967.7	1033.7	1105.6	1197.7	1298.4	1398.9	1454.0	1502.3	1539.4
-45°	814.8	860.6	911.1	967.5	1031.1	1108.2	1187.5	1257.0	1305.9	1347.5	1378.4
-47.5°	771.0	815.1	858.8	905.4	964.6	1028.9	1094.4	1147.8	1190.6	1226.8	1250.4
-50°	722.6	769.1	809.1	850.1	904.6	959.1	1011.8	1055.9	1096.8	1132.3	1150.9
-52.5°	672.7	722.5	764.5	804.5	850.2	897.7	945.3	983.1	1018.8	1052.3	1066.4
-55°	636.6	682.5	726.0	763.5	801.2	839.3	878.1	917.3	952.6	984.4	993.8
-57.5°	597.7	644.5	687.4	721.1	755.2	789.5	825.0	860.4	894.5	925.0	932.7
-60°	550.2	600.9	639.0	670.9	704.0	737.9	768.8	800.3	832.1	858.7	867.3
-62.5°	489.9	536.1	573.7	607.3	639.3	668.7	698.9	728.3	756.8	777.8	784.7
-65°	417.6	456.9	495.7	530.8	562.3	590.8	618.5	645.4	671.3	689.8	699.0
-67.5°	360.6	388.8	420.0	450.2	481.9	511.2	536.2	559.9	582.1	597.7	607.5
-70°	305.5	332.4	361.6	390.4	418.0	441.8	461.8	481.3	500.2	514.0	524.5
-72.5°	252.9	275.7	300.1	325.4	350.6	372.1	390.5	407.9	424.3	436.2	445.7
-75°	205.4	224.2	244.7	265.2	285.7	302.7	318.1	333.1	347.6	358.1	366.9
-77.5°	162.9	178.8	194.9	211.0	227.1	239.5	250.7	261.8	272.5	280.8	288.4
-80°	120.7	133.2	146.0	158.9	171.7	181.1	189.6	197.7	205.3	210.2	214.5
-82.5°	82.5	91.2	100.2	109.3	118.3	125.3	132.0	138.7	145.2	147.5	149.1
-85°	52.7	57.0	61.7	66.7	71.9	75.7	79.4	82.9	86.2	89.3	92.2
-87.5°	29.2	30.1	30.9	31.7	32.4	35.0	37.7	40.4	43.1	43.5	43.9
-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: P627768 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.9
62.5°	8.0	8.5	8.8	8.9	8.8	8.5	8.0	7.3	6.4	6.9	8.1
60°	30.5	27.2	26.6	26.8	26.6	27.2	30.5	32.5	32.7	38.1	39.7
57.5°	135.8	151.0	155.3	151.8	155.3	151.0	135.8	119.6	103.5	101.4	103.7
55°	197.8	202.5	204.7	205.4	204.7	202.5	197.8	189.9	178.3	167.1	158.0
52.5°	242.4	240.9	240.5	241.1	240.5	240.9	242.4	241.4	236.9	225.9	208.7
50°	364.4	357.7	355.1	357.2	355.1	357.7	364.4	362.9	344.0	311.1	284.7
47.5°	465.7	467.7	470.9	473.2	470.9	467.7	465.7	463.5	445.1	409.6	372.0
45°	543.8	548.6	551.8	553.6	551.8	548.6	543.8	536.6	511.1	474.1	432.0
42.5°	623.7	624.2	623.3	625.0	623.3	624.2	623.7	617.4	589.0	550.5	506.4
40°	736.2	738.6	736.2	732.2	736.2	738.6	736.2	726.7	703.1	655.7	605.9
37.5°	962.2	965.5	954.8	946.5	954.8	965.5	962.2	941.8	906.8	842.7	779.1
35°	1330.7	1368.9	1387.1	1392.9	1387.1	1368.9	1330.7	1279.0	1222.4	1160.2	1011.8
32.5°	1753.9	1807.0	1833.6	1857.3	1833.6	1807.0	1753.9	1683.2	1581.0	1441.2	1260.6
30°	2360.3	2458.2	2501.4	2562.7	2501.4	2458.2	2360.3	2237.0	2049.1	1826.9	1572.3
27.5°	3349.5	3521.7	3617.0	3705.6	3617.0	3521.7	3349.5	3137.3	2763.4	2450.4	2025.4
25°	5040.2	5371.9	5586.5	5687.8	5586.5	5371.9	5040.2	4610.5	4019.3	3454.3	2757.5
22.5°	7840.9	8452.3	8923.9	9018.4	8923.9	8452.3	7840.9	6917.5	5963.2	4972.2	3900.3
20°	12189.8	13064.7	13776.4	14134.8	13776.4	13064.7	12189.8	10621.9	9005.8	7327.0	5750.7
17.5°	20205.1	22024.7	22855.9	22992.4	22855.9	22024.7	20205.1	17244.1	14758.1	11910.8	8768.9
15°	32129.3	35208.5	37163.2	38421.9	37163.2	35208.5	32129.3	27071.8	22358.4	17895.7	12999.0
12.5°	45734.7	54484.1	59462.7	61360.8	59462.7	54484.1	45734.7	37760.0	30099.0	23373.2	17241.7
10°	64200.0	84797.5	96679.0	102657.9	96679.0	84797.5	64200.0	51154.6	38908.0	28954.3	20806.4
7.5°	95540.3	127353.3	162600.9	178907.9	162600.9	127353.3	95540.3	65308.3	48172.0	34985.4	24799.2
5°	128486.3	198334.9	259641.5	288999.3	259641.5	198334.9	128486.3	87054.3	58013.2	40345.4	28295.6
2.5°	166352.6	260550.0	347643.2	384263.8	347643.2	260550.0	166352.6	102965.9	65289.0	43536.1	30273.7
0°	180925.9	290651.1	385902.3	421846.4	385902.3	290651.1	180925.9	106390.2	66602.2	44681.2	30635.7
-2.5°	168605.5	265113.5	349139.5	390210.6	349139.5	265113.5	168605.5	102565.7	65882.6	44638.1	30924.8
-5°	133965.7	199428.0	261657.3	295124.6	261657.3	199428.0	133965.7	90270.1	60216.3	41945.2	29306.8
-7.5°	98322.5	133959.5	168519.4	180604.5	168519.4	133959.5	98322.5	69530.1	50916.7	37043.9	26625.9
-10°	68454.1	88861.0	102331.8	106175.9	102331.8	88861.0	68454.1	54672.4	42026.0	31745.1	23086.8
-12.5°	50751.8	59677.8	65888.3	66968.3	65888.3	59677.8	50751.8	42225.0	33486.3	26266.0	19857.5
-15°	37580.4	42119.6	45322.8	45538.4	45322.8	42119.6	37580.4	32420.6	26574.7	21092.6	15951.9
-17.5°	27471.5	30518.4	32134.9	32019.8	32134.9	30518.4	27471.5	23781.0	20316.8	16143.0	12365.2
-20°	19643.7	21480.3	22782.8	22528.1	22782.8	21480.3	19643.7	17186.2	14793.1	11858.5	9365.6



REPORT NUMBER: P627768 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	13697.0	14916.2	15679.4	15483.1	15679.4	14916.2	13697.0	12009.9	10351.9	8667.4	6844.4
-25°	9306.9	9971.2	10349.2	10286.3	10349.2	9971.2	9306.9	8345.2	7207.3	6181.9	4980.3
-27.5°	6342.1	6693.0	6810.1	6804.0	6810.1	6693.0	6342.1	5756.4	4973.0	4455.5	3823.6
-30°	4402.0	4637.8	4772.6	4687.8	4772.6	4637.8	4402.0	4098.6	3690.7	3358.0	2993.3
-32.5°	3280.9	3413.9	3490.8	3410.9	3490.8	3413.9	3280.9	3113.5	2897.0	2663.1	2409.6
-35°	2585.6	2652.8	2680.0	2634.1	2680.0	2652.8	2585.6	2482.6	2343.2	2185.7	2010.2
-37.5°	2108.0	2147.4	2160.8	2134.1	2160.8	2147.4	2108.0	2046.5	1962.0	1859.7	1743.8
-40°	1786.2	1810.4	1816.4	1794.7	1816.4	1810.4	1786.2	1749.6	1698.4	1635.9	1554.7
-42.5°	1562.9	1577.3	1580.7	1571.5	1580.7	1577.3	1562.9	1539.4	1502.3	1454.0	1398.9
-45°	1396.8	1409.1	1411.4	1401.9	1411.4	1409.1	1396.8	1378.4	1347.5	1305.9	1257.0
-47.5°	1262.3	1269.9	1271.9	1267.9	1271.9	1269.9	1262.3	1250.4	1226.8	1190.6	1147.8
-50°	1159.3	1164.5	1165.0	1160.8	1165.0	1164.5	1159.3	1150.9	1132.3	1096.8	1055.9
-52.5°	1073.1	1076.7	1079.2	1080.4	1079.2	1076.7	1073.1	1066.4	1052.3	1018.8	983.1
-55°	1000.4	1005.2	1008.0	1009.0	1008.0	1005.2	1000.4	993.8	984.4	952.6	917.3
-57.5°	938.7	943.0	945.6	946.5	945.6	943.0	938.7	932.7	925.0	894.5	860.4
-60°	874.3	879.5	882.9	884.0	882.9	879.5	874.3	867.3	858.7	832.1	800.3
-62.5°	789.3	791.6	793.8	794.7	793.8	791.6	789.3	784.7	777.8	756.8	728.3
-65°	705.9	710.7	713.4	714.3	713.4	710.7	705.9	699.0	689.8	671.3	645.4
-67.5°	615.5	621.7	628.4	634.0	628.4	621.7	615.5	607.5	597.7	582.1	559.9
-70°	533.6	541.6	544.1	544.7	544.1	541.6	533.6	524.5	514.0	500.2	481.3
-72.5°	454.2	461.7	468.0	473.2	468.0	461.7	454.2	445.7	436.2	424.3	407.9
-75°	374.8	381.8	383.5	384.0	383.5	381.8	374.8	366.9	358.1	347.6	333.1
-77.5°	295.4	301.8	303.2	303.6	303.2	301.8	295.4	288.4	280.8	272.5	261.8
-80°	218.5	222.0	227.3	232.2	227.3	222.0	218.5	214.5	210.2	205.3	197.7
-82.5°	150.4	151.2	151.6	151.8	151.6	151.2	150.4	149.1	147.5	145.2	138.7
-85°	95.1	97.8	98.1	98.2	98.1	97.8	95.1	92.2	89.3	86.2	82.9
-87.5°	44.2	44.4	44.6	44.6	44.6	44.4	44.2	43.9	43.5	43.1	40.4
-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: P627768 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-740-U-NR-VSR-XX

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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
65°	2.2	1.6	0.1	0.0	0.0	0.1	0.5	0.0	0.0	0.3	2.4
62.5°	9.1	9.8	10.2	9.2	6.9	4.3	5.2	6.3	4.3	0.8	3.0
60°	33.6	21.4	30.3	33.3	29.3	21.0	21.4	19.9	16.5	13.1	8.7
57.5°	110.0	106.4	87.3	75.4	71.8	63.7	52.4	41.7	36.8	29.7	21.0
55°	151.7	145.6	135.2	120.8	104.6	99.9	90.8	77.9	65.4	50.7	41.1
52.5°	186.6	188.2	182.2	165.0	150.5	140.9	128.5	116.2	101.1	86.7	67.6
50°	266.6	256.4	246.7	236.9	214.2	192.0	176.4	159.5	137.7	121.5	105.4
47.5°	340.4	325.2	315.0	301.8	275.9	252.6	228.1	204.2	177.1	151.8	135.8
45°	403.4	381.5	361.8	345.5	323.1	296.4	274.6	248.1	217.2	187.8	160.2
42.5°	467.6	434.3	407.6	391.2	364.0	336.6	311.9	291.6	258.1	223.7	195.9
40°	552.8	486.0	461.2	454.7	428.9	385.2	364.4	341.9	306.3	261.4	234.1
37.5°	693.4	604.0	560.1	537.2	513.7	468.4	427.7	398.3	366.3	315.7	276.7
35°	892.5	787.5	691.8	642.5	614.9	553.1	499.5	459.2	420.9	373.0	322.4
32.5°	1067.2	948.9	834.6	748.3	686.3	629.3	569.4	519.6	469.4	420.4	370.6
30°	1322.1	1124.5	967.0	845.5	765.7	694.9	631.4	571.2	514.5	462.9	412.7
27.5°	1668.4	1353.0	1139.1	968.0	849.0	764.9	692.7	622.3	557.6	502.1	450.6
25°	2177.8	1673.5	1353.8	1123.0	950.4	842.4	759.9	678.6	603.0	539.8	496.2
22.5°	2909.5	2220.6	1693.8	1290.6	1098.1	961.2	839.3	737.1	651.3	594.8	543.3
20°	4169.5	2972.5	2193.7	1676.0	1321.8	1102.0	935.3	815.2	727.6	654.9	590.9
17.5°	6323.2	4381.0	2840.4	2158.1	1654.0	1312.6	1072.3	912.8	802.5	715.3	638.9
15°	8962.5	6012.6	3970.7	2780.6	2027.0	1487.9	1200.9	1009.6	879.2	778.7	687.3
12.5°	11710.9	7565.2	4907.0	3253.4	2293.9	1674.8	1335.8	1120.0	955.9	824.4	719.2
10°	14098.7	9160.7	5850.5	3812.1	2595.6	1854.2	1442.6	1189.6	1001.8	857.3	746.3
7.5°	16736.8	10792.4	6719.1	4221.1	2844.7	1998.1	1514.8	1236.4	1039.7	884.8	768.6
5°	18691.3	12037.9	7453.8	4594.0	3032.1	2107.9	1571.2	1269.8	1069.3	906.7	786.3
2.5°	20002.6	12905.3	7915.0	4850.7	3147.9	2192.0	1616.4	1301.2	1092.3	928.9	805.9
0°	20411.9	12991.8	8268.3	5009.2	3223.4	2268.0	1651.9	1330.4	1107.2	946.5	821.5
-2.5°	20536.8	13140.7	8233.0	5043.9	3249.3	2308.7	1667.0	1335.9	1118.8	953.1	823.7
-5°	19721.2	12755.8	8048.5	5008.5	3229.8	2308.1	1692.1	1345.6	1125.5	955.4	821.8
-7.5°	18288.1	11923.6	7565.3	4781.6	3136.3	2271.2	1710.1	1358.3	1131.5	962.4	828.2
-10°	16108.9	10588.5	6814.0	4400.9	2980.4	2200.6	1693.6	1351.3	1127.6	961.2	829.6
-12.5°	13916.3	9093.0	5841.2	3867.6	2726.0	2070.1	1629.8	1323.7	1113.5	951.3	825.7
-15°	11132.1	7610.8	5119.9	3501.8	2496.8	1929.5	1549.2	1280.4	1089.6	933.6	816.4
-17.5°	8941.3	6174.1	4193.5	3003.4	2275.8	1806.1	1486.5	1245.2	1061.5	915.7	803.7
-20°	6878.2	4862.8	3550.6	2642.6	2048.4	1654.1	1401.5	1193.4	1029.1	897.0	791.7



REPORT NUMBER: P627768 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5183.5	3938.3	2946.9	2271.4	1836.5	1536.5	1316.5	1135.8	989.9	870.4	776.0
-25°	4027.5	3141.2	2464.7	2006.4	1649.7	1407.0	1237.5	1090.1	958.8	844.0	757.2
-27.5°	3185.2	2550.5	2115.4	1759.7	1498.2	1319.1	1173.6	1042.7	925.3	824.0	738.2
-30°	2579.2	2167.2	1831.9	1565.3	1378.8	1229.0	1111.9	1002.3	893.9	798.4	717.6
-32.5°	2112.8	1859.6	1607.5	1416.2	1261.4	1146.6	1051.3	958.9	855.8	772.1	696.1
-35°	1809.0	1625.0	1445.9	1293.4	1162.9	1075.4	990.5	904.1	820.1	742.3	671.6
-37.5°	1597.7	1447.4	1312.6	1189.7	1092.5	1010.2	935.7	859.4	783.1	711.7	646.4
-40°	1433.0	1305.3	1199.0	1105.4	1027.6	957.2	889.4	818.9	751.1	679.5	619.1
-42.5°	1298.4	1197.7	1105.6	1033.7	967.7	907.7	848.0	786.6	720.1	652.2	588.6
-45°	1187.5	1108.2	1031.1	967.5	911.1	860.6	814.8	753.5	688.4	620.6	556.0
-47.5°	1094.4	1028.9	964.6	905.4	858.8	815.1	771.0	716.8	648.5	584.6	529.5
-50°	1011.8	959.1	904.6	850.1	809.1	769.1	722.6	666.1	607.1	554.5	502.6
-52.5°	945.3	897.7	850.2	804.5	764.5	722.5	672.7	623.8	573.5	524.1	476.3
-55°	878.1	839.3	801.2	763.5	726.0	682.5	636.6	588.0	538.7	492.5	443.8
-57.5°	825.0	789.5	755.2	721.1	687.4	644.5	597.7	550.2	499.4	452.7	406.9
-60°	768.8	737.9	704.0	670.9	639.0	600.9	550.2	501.3	454.4	410.1	365.8
-62.5°	698.9	668.7	639.3	607.3	573.7	536.1	489.9	444.9	404.2	365.7	325.9
-65°	618.5	590.8	562.3	530.8	495.7	456.9	417.6	384.5	353.1	320.5	285.4
-67.5°	536.2	511.2	481.9	450.2	420.0	388.8	360.6	332.2	302.9	272.9	241.5
-70°	461.8	441.8	418.0	390.4	361.6	332.4	305.5	279.2	252.0	226.9	202.7
-72.5°	390.5	372.1	350.6	325.4	300.1	275.7	252.9	231.4	210.3	189.4	168.0
-75°	318.1	302.7	285.7	265.2	244.7	224.2	205.4	188.0	170.1	151.8	133.6
-77.5°	250.7	239.5	227.1	211.0	194.9	178.8	162.9	147.2	132.5	118.7	106.1
-80°	189.6	181.1	171.7	158.9	146.0	133.2	120.7	110.0	100.0	90.8	81.9
-82.5°	132.0	125.3	118.3	109.3	100.2	91.2	82.5	76.0	69.6	63.5	57.5
-85°	79.4	75.7	71.9	66.7	61.7	57.0	52.7	49.1	45.4	41.6	37.8
-87.5°	37.7	35.0	32.4	31.7	30.9	30.1	29.2	26.5	23.9	21.4	18.9
-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: P627768 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-740-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.8	0.2	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	2.0	1.9	0.6
70°	0.0	0.0	0.0	0.8	0.9	0.0	0.0	1.2	3.3	3.7	2.7
67.5°	0.0	0.0	0.0	1.9	3.0	2.5	0.6	1.5	3.6	5.7	5.0
65°	3.0	2.1	0.2	2.3	4.4	5.8	4.3	2.7	3.9	6.0	7.4
62.5°	5.2	6.7	5.0	3.7	4.9	7.0	8.2	5.6	4.6	6.3	8.3
60°	5.8	8.0	9.0	7.0	6.2	7.5	8.9	8.2	6.4	6.7	8.7
57.5°	15.7	10.1	10.1	9.6	8.1	8.2	8.9	8.9	7.9	7.5	8.9
55°	29.2	21.3	15.0	12.1	10.1	8.8	9.1	8.9	8.9	8.2	8.9
52.5°	50.7	36.9	27.0	18.3	13.6	10.1	10.1	8.9	8.9	8.7	8.9
50°	80.8	58.0	42.6	30.6	19.1	14.9	11.6	10.4	8.9	8.9	8.9
47.5°	118.1	86.8	62.1	44.8	31.4	20.3	15.9	12.3	8.9	8.9	8.9
45°	145.8	121.1	86.6	62.6	44.1	30.4	21.4	14.7	11.1	9.2	8.9
42.5°	172.9	150.6	117.8	80.3	60.7	41.9	27.4	19.8	13.6	9.8	9.2
40°	207.7	179.7	147.7	109.5	78.8	53.3	37.1	25.5	16.4	11.4	9.9
37.5°	243.5	212.2	177.3	137.5	99.4	70.6	47.1	31.4	20.6	14.5	10.8
35°	283.7	246.1	206.5	164.4	123.8	88.6	56.6	38.5	26.3	17.8	11.9
32.5°	324.3	278.7	233.8	190.4	146.6	107.0	70.2	47.7	31.7	21.2	13.1
30°	363.6	310.8	258.9	215.3	168.3	126.6	87.1	57.7	37.0	24.8	14.9
27.5°	399.4	342.4	283.2	237.4	190.0	144.9	104.2	68.5	42.0	28.8	17.7
25°	436.9	374.5	311.1	257.2	210.5	163.3	120.0	80.1	49.5	33.0	20.6
22.5°	479.5	406.8	337.9	275.0	232.0	181.3	135.2	93.8	58.5	37.1	23.5
20°	525.1	438.9	364.8	300.3	252.2	199.9	150.2	106.4	67.6	40.9	26.4
17.5°	571.9	474.1	397.3	329.3	272.1	217.2	164.5	117.8	76.8	44.5	29.1
15°	603.7	509.3	426.6	356.3	292.1	233.2	178.0	128.3	85.8	47.8	31.9
12.5°	630.3	539.6	452.4	381.3	311.8	247.8	190.7	137.6	94.6	52.4	34.6
10°	653.8	565.2	474.9	404.2	330.8	261.0	202.3	145.9	102.8	58.1	37.1
7.5°	674.0	586.3	494.2	424.9	348.9	274.4	211.9	153.1	109.9	64.0	39.3
5°	691.0	604.4	510.4	438.3	365.7	288.4	220.1	159.6	115.9	69.7	41.3
2.5°	704.5	621.0	524.2	448.1	380.4	301.3	226.8	165.1	120.9	75.3	43.1
0°	714.3	634.0	535.7	455.4	392.9	312.5	232.2	169.7	125.0	80.4	44.6
-2.5°	720.8	636.1	548.0	463.8	400.4	321.8	243.0	175.4	128.3	85.0	47.3
-5°	723.6	635.9	557.3	470.3	405.8	329.3	252.1	180.1	130.9	88.9	49.7
-7.5°	727.6	638.8	562.2	475.4	409.4	335.1	259.1	183.7	132.9	92.0	51.9
-10°	729.1	641.9	563.4	481.7	412.4	339.2	263.6	185.9	134.3	94.4	53.9
-12.5°	727.0	641.5	563.1	485.2	413.8	341.7	266.0	189.4	135.7	95.8	55.5
-15°	721.3	637.8	561.8	485.5	413.6	342.6	266.7	192.6	138.4	96.2	56.9
-17.5°	712.4	630.4	559.7	482.6	411.9	342.1	265.9	194.1	139.8	95.5	58.3
-20°	703.5	623.6	556.7	476.2	408.8	340.2	263.6	193.8	139.7	94.1	59.4



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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°	691.9	617.2	546.8	469.7	404.4	337.1	259.9	191.5	138.1	92.0	60.2
-25°	677.3	607.6	535.6	464.7	398.7	330.8	255.6	187.3	134.9	89.2	60.5
-27.5°	662.7	594.5	523.7	457.7	390.9	323.1	249.8	183.3	130.3	85.6	60.3
-30°	645.6	579.8	513.2	448.1	380.1	312.2	241.6	177.2	125.5	83.8	59.6
-32.5°	626.9	565.0	501.5	433.8	366.5	300.1	231.2	168.8	119.9	82.7	58.9
-35°	608.2	548.5	487.3	415.9	351.7	287.0	220.6	158.0	113.5	81.0	58.1
-37.5°	586.1	528.0	464.2	396.6	336.1	272.9	210.7	151.9	106.4	78.7	57.0
-40°	560.9	503.0	437.9	378.6	319.6	258.0	200.0	146.3	101.9	75.7	55.7
-42.5°	532.8	475.0	416.8	360.2	302.4	245.3	189.0	139.4	99.8	73.3	54.1
-45°	503.8	449.6	397.0	341.2	285.0	232.0	179.7	131.8	96.8	71.2	52.4
-47.5°	476.8	428.0	375.4	320.7	269.8	218.4	168.9	126.7	92.6	68.8	50.6
-50°	453.9	404.4	351.8	299.9	252.0	204.6	157.7	120.2	89.1	66.1	48.4
-52.5°	427.5	377.6	326.1	277.1	233.0	189.1	148.1	112.4	84.2	62.8	45.8
-55°	396.2	346.6	297.4	254.3	213.1	174.4	136.9	104.2	77.9	59.0	42.7
-57.5°	359.6	311.5	271.1	231.9	193.3	158.0	124.3	94.4	72.2	54.8	39.3
-60°	322.0	283.0	246.0	207.8	172.3	140.2	110.1	84.6	66.4	50.1	35.6
-62.5°	288.5	252.9	216.5	181.6	150.5	121.6	95.4	76.9	60.1	44.9	31.4
-65°	251.0	217.2	184.7	156.0	128.3	104.1	85.6	68.7	53.2	39.3	27.7
-67.5°	210.6	183.6	156.2	130.1	109.7	91.8	75.2	59.9	45.9	33.4	25.4
-70°	178.0	152.7	130.3	111.7	94.8	78.9	64.1	50.5	38.2	29.8	22.9
-72.5°	146.8	127.4	109.7	93.9	79.1	65.3	52.5	41.4	33.2	26.1	20.2
-75°	117.0	102.9	89.0	75.3	62.9	51.6	43.1	34.9	28.1	22.2	17.7
-77.5°	93.7	81.2	68.4	58.7	51.0	43.3	35.5	28.1	23.3	19.3	15.2
-80°	72.1	63.4	55.7	49.0	42.0	34.9	28.9	23.7	20.1	16.4	12.7
-82.5°	51.9	47.2	43.1	39.2	33.7	28.7	24.1	20.1	16.8	13.5	9.9
-85°	35.4	33.1	31.1	29.3	25.6	22.2	18.5	15.1	11.9	9.1	6.7
-87.5°	18.1	17.2	16.3	15.4	13.2	11.2	9.3	7.6	6.0	4.6	3.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.4	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.6	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.8	0.0
77.5°	0.1	0.2	0.0	0.0	0.1	1.0	0.0
75°	0.2	0.7	0.1	0.0	0.2	1.2	0.0
72.5°	0.5	1.3	1.0	0.0	0.2	1.4	0.0
70°	1.0	2.0	1.8	0.2	0.4	1.6	0.0
67.5°	3.1	2.7	2.7	1.0	0.5	1.8	0.0
65°	5.1	3.8	3.6	1.9	0.7	2.1	0.0
62.5°	7.0	5.1	4.6	2.8	0.9	2.3	0.0
60°	8.7	6.2	5.6	3.8	1.2	2.5	0.0
57.5°	8.9	7.3	6.3	4.7	1.9	2.8	0.0
55°	8.9	8.2	6.9	5.6	2.7	3.0	0.0
52.5°	8.9	8.9	7.4	6.6	3.4	3.3	0.0
50°	8.9	8.9	7.9	7.6	4.0	3.5	0.0
47.5°	8.9	8.9	8.2	8.4	4.6	3.8	0.0
45°	8.9	8.9	8.6	8.7	5.2	4.1	0.0
42.5°	8.9	8.9	8.8	8.8	5.7	4.3	0.0
40°	8.9	8.9	8.9	8.9	6.2	4.6	0.0
37.5°	8.9	8.9	8.9	8.9	6.7	4.9	0.0
35°	8.9	8.9	8.9	8.9	7.0	5.2	0.0
32.5°	9.2	8.9	8.9	8.9	7.4	5.5	0.0
30°	10.1	8.9	8.9	8.9	7.7	5.8	0.0
27.5°	11.1	8.9	8.9	8.9	8.0	6.1	0.0
25°	12.2	8.9	8.9	8.9	8.2	6.4	0.0
22.5°	13.3	9.1	8.9	8.9	8.4	6.6	0.0
20°	14.4	9.7	8.9	8.9	8.5	6.9	0.0
17.5°	16.0	10.5	8.9	8.9	8.7	7.2	0.0
15°	17.9	11.5	8.9	8.9	8.7	7.5	0.0
12.5°	19.6	12.5	8.9	8.9	8.8	7.7	0.0
10°	21.2	13.5	8.9	8.9	8.9	8.0	0.0
7.5°	22.8	14.7	8.9	8.9	8.9	8.2	0.0
5°	24.2	15.8	8.9	8.9	8.9	8.5	0.0
2.5°	25.6	16.9	8.9	8.9	8.9	8.7	0.0
0°	26.8	17.9	8.9	8.9	8.9	8.9	0.0
-2.5°	29.1	18.8	9.7	8.9	8.9	8.9	0.0
-5°	31.3	19.7	10.5	8.9	8.9	8.9	0.0
-7.5°	33.3	20.5	11.2	8.9	8.9	8.8	0.0
-10°	35.0	21.1	11.9	8.9	8.9	8.8	0.0
-12.5°	36.5	21.7	12.5	8.9	8.9	8.7	0.0
-15°	37.6	22.2	13.0	8.9	8.9	8.6	0.0
-17.5°	38.3	22.6	13.3	8.9	8.9	8.5	0.0
-20°	38.9	22.9	13.6	8.9	8.9	8.4	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	39.4	23.1	13.7	8.9	8.9	8.2	0.0
-25°	39.6	23.7	13.7	8.9	8.9	8.1	0.0
-27.5°	39.6	24.3	13.5	8.9	8.9	7.9	0.0
-30°	39.4	24.7	13.1	8.9	8.9	7.7	0.0
-32.5°	39.0	24.9	13.1	8.9	8.9	7.5	0.0
-35°	38.9	24.8	12.9	8.9	8.9	7.3	0.0
-37.5°	38.7	24.6	12.6	8.9	8.9	7.1	0.0
-40°	38.2	24.1	12.1	8.9	8.9	6.8	0.0
-42.5°	37.4	23.3	12.0	9.0	8.9	6.6	0.0
-45°	36.3	22.4	12.3	9.2	8.9	6.3	0.0
-47.5°	34.8	21.2	12.6	9.4	8.9	6.0	0.0
-50°	33.0	19.8	12.7	9.5	8.9	5.7	0.0
-52.5°	30.9	18.2	12.7	9.6	8.9	5.4	0.0
-55°	28.5	17.7	12.6	9.6	8.9	5.1	0.0
-57.5°	25.9	17.3	12.4	9.6	8.9	4.8	0.0
-60°	23.1	16.7	12.2	9.6	8.9	4.4	0.0
-62.5°	22.0	16.0	11.8	9.5	8.2	4.1	0.0
-65°	20.6	15.2	11.4	9.3	7.5	3.8	0.0
-67.5°	19.1	14.2	10.9	9.2	6.8	3.4	0.0
-70°	17.4	13.2	10.3	8.9	6.1	3.0	0.0
-72.5°	15.5	12.0	9.7	8.0	5.3	2.7	0.0
-75°	13.5	10.7	9.0	6.9	4.6	2.3	0.0
-77.5°	11.4	9.4	7.7	5.8	3.8	1.9	0.0
-80°	9.2	7.7	6.2	4.6	3.1	1.5	0.0
-82.5°	6.9	5.8	4.6	3.5	2.3	1.2	0.0
-85°	4.6	3.8	3.1	2.3	1.5	0.8	0.0
-87.5°	2.3	1.9	1.5	1.2	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)