

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



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P627615 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA5C-727-U-MR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627615 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5C-727-U-MR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQUARE, MEDIUM SYMMETRICAL ROUND N111
Light Source: (80) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	26289.4 lumens	Max Intensity:	84143.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	127.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

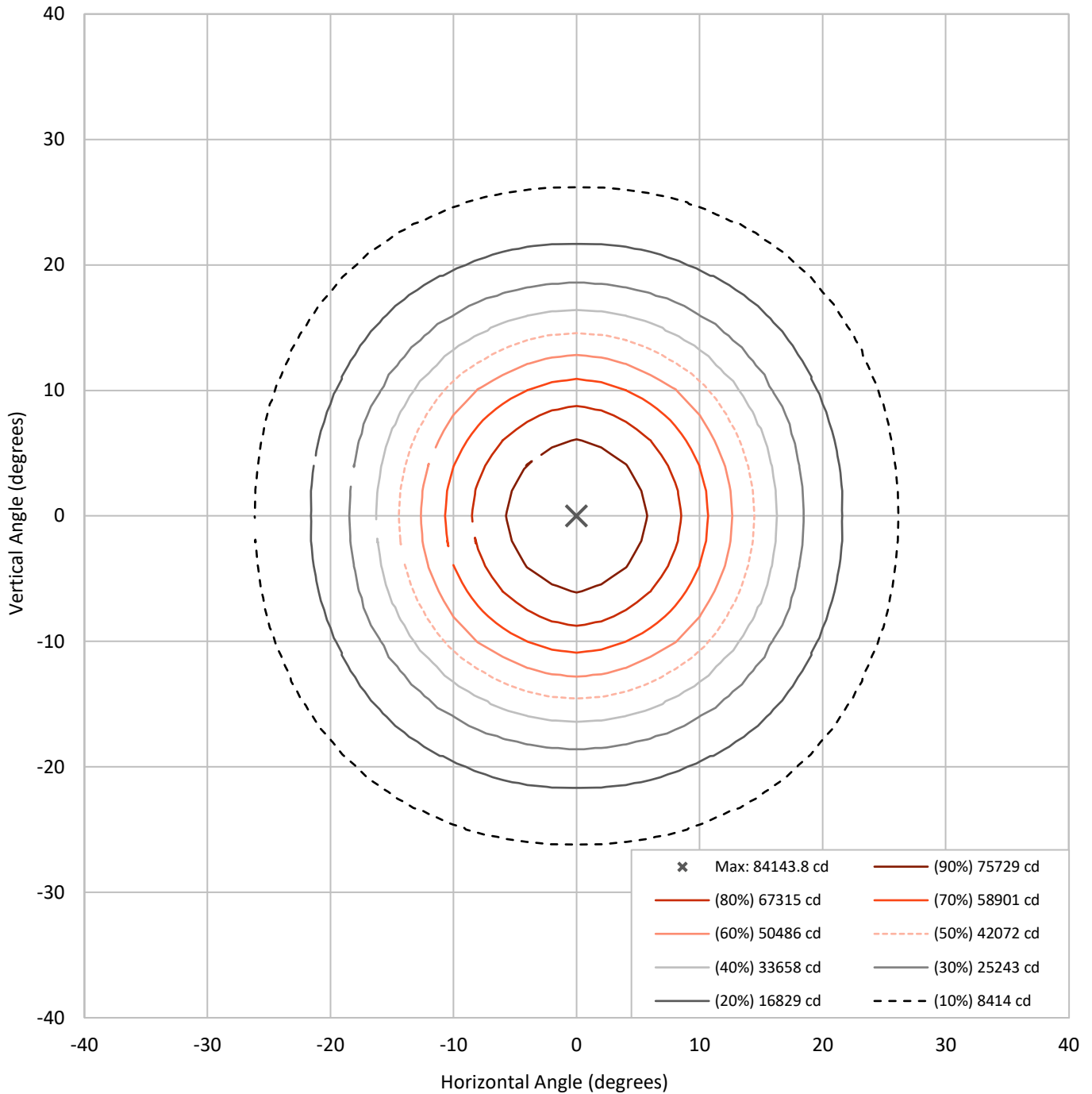
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	12781.6 lumens	Field Lumens:	21570.1 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%

Input Watts (W): 206.13
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: P627615 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





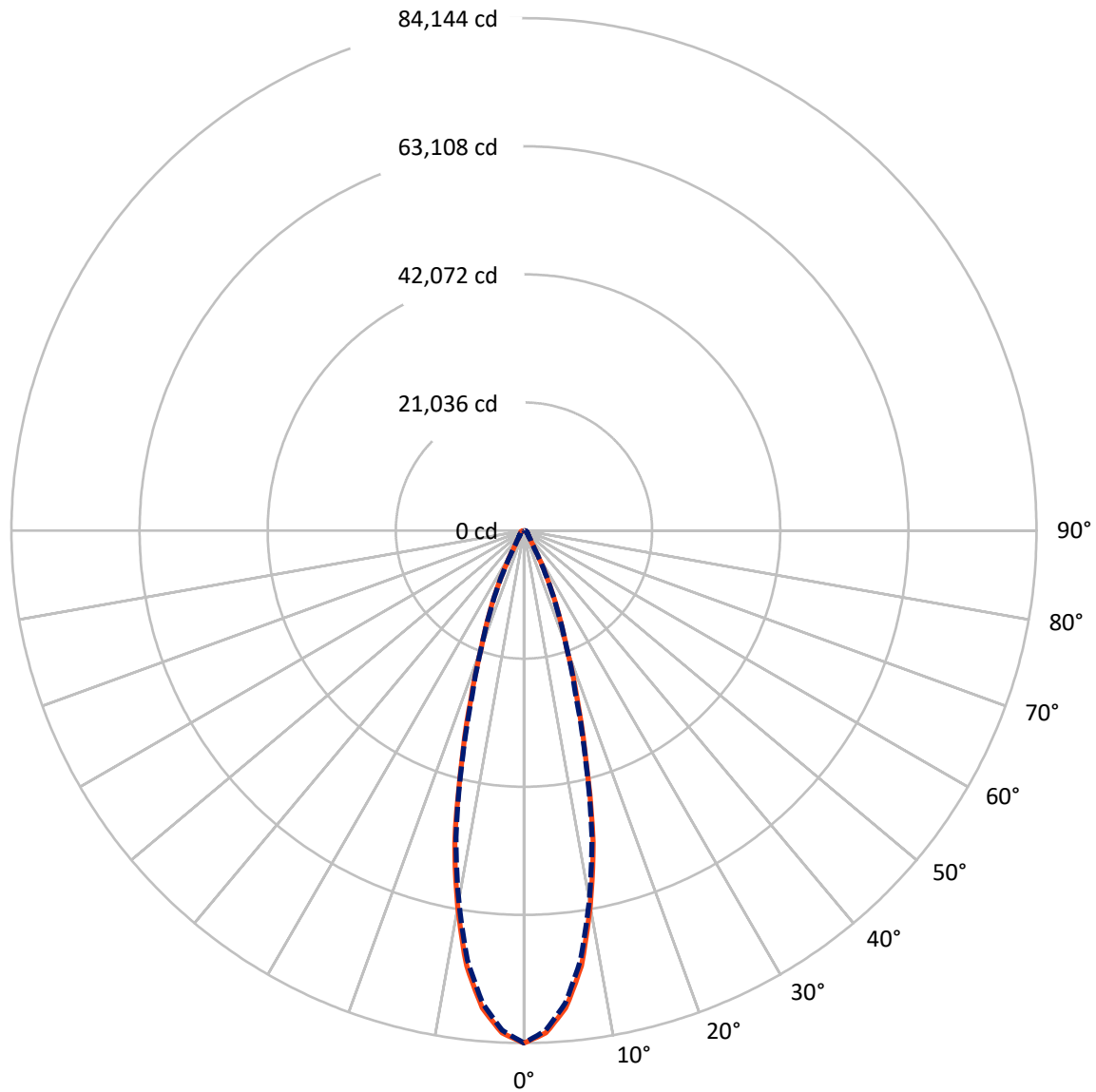
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Lumen Table

90	0.5	4.3		11.4		18.0		20.0		18.0		11.4		4.3		0.5			
80	0.5	4.3		11.4		18.0		20.0		18.0		11.4		4.3		0.5			
70	2.0	2.3	4.6	7.4	10.4	12.7	14.2	14.9	14.9	14.2	12.7	10.4	7.4	4.6	2.3	2.0			
60		3.4	6.8	11.0	14.7	18.1	20.3	21.0	21.0	20.3	18.1	14.7	11.0	6.8	3.4				
50	3.5	4.3	8.7	13.5	18.0	22.8	26.8	28.8	28.8	26.8	22.8	18.0	13.5	8.7	4.3	3.5			
40		5.1	10.2	15.6	22.1	31.5	45.6	59.2	59.2	45.6	31.5	22.1	15.6	10.2	5.1				
30	4.4	5.7	11.2	17.6	28.3	61.5	173.0	306.9	306.9	173.0	61.5	28.3	17.6	11.2	5.7	4.4			
20		6.1	11.7	19.1	38.5	161.4	575.1	1102.0	1102.0	575.1	161.4	38.5	19.1	11.7	6.1				
10	4.8	6.3	11.9	20.1	48.9	278.5	1064.4	2093.7	2093.7	1064.4	278.5	48.9	20.1	11.9	6.3	4.8			
0		6.3	11.9	20.1	48.9	278.5	1064.4	2093.7	2093.7	1064.4	278.5	48.9	20.1	11.9	6.3				
-10	4.4	6.1	11.7	19.1	38.5	161.4	575.1	1102.0	1102.0	575.1	161.4	38.5	19.1	11.7	6.1	4.4			
-20		5.7	11.2	17.6	28.3	61.5	173.0	306.9	306.9	173.0	61.5	28.3	17.6	11.2	5.7				
-30	3.5	5.1	10.2	15.6	22.1	31.5	45.6	59.2	59.2	45.6	31.5	22.1	15.6	10.2	5.1	3.5			
-40		4.3	8.7	13.5	18.0	22.8	26.8	28.8	28.8	26.8	22.8	18.0	13.5	8.7	4.3				
-50	2.0	3.4	6.8	11.0	14.7	18.1	20.3	21.0	21.0	20.3	18.1	14.7	11.0	6.8	3.4	2.0			
-60		2.3	4.6	7.4	10.4	12.7	14.2	14.9	14.9	14.2	12.7	10.4	7.4	4.6	2.3				
-70	0.5	4.3		11.4		18.0		20.0		18.0		11.4		4.3		0.5			
-80		4.3		11.4		18.0		20.0		18.0		11.4		4.3					
-90	0.5	4.3		11.4		18.0		20.0		18.0		11.4		4.3		0.5			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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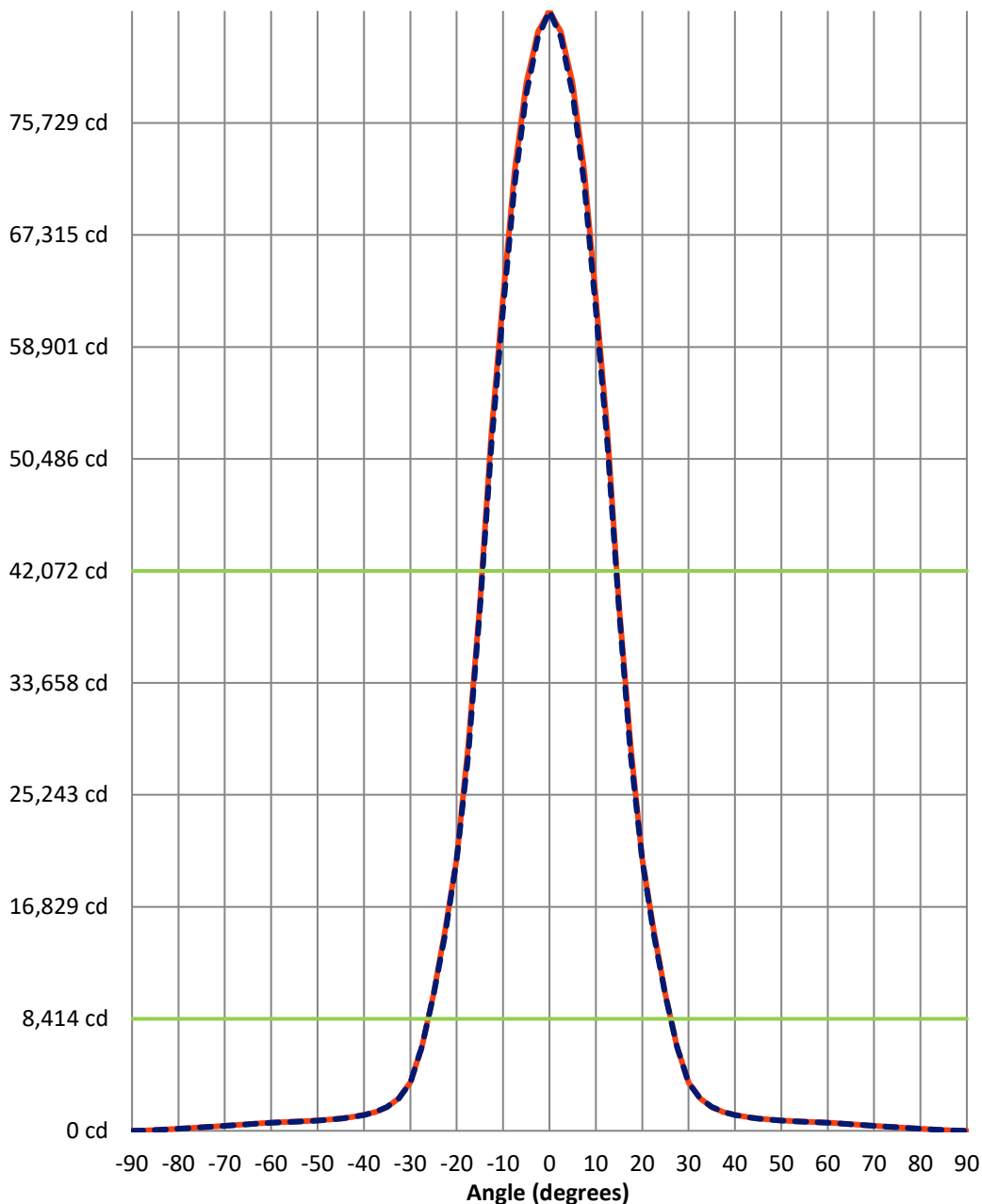
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 12781.6
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 21570.1
 Efficiency: 82.0%

Spill:
 Lumens: 4719.3
 Efficiency: 18.0%

— 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	0.9	1.9	2.8	3.7	4.7	5.6	6.5	7.4	8.3	9.1
85°	0.0	1.9	3.8	5.6	7.5	9.3	11.2	13.0	14.8	16.5	18.2
82.5°	0.0	2.8	5.6	8.4	11.2	14.0	16.7	19.4	22.5	27.7	33.0
80°	0.0	3.7	7.5	11.2	14.9	18.6	22.7	29.3	36.2	43.4	51.0
77.5°	0.0	4.7	9.3	14.0	18.6	24.4	32.4	40.8	49.7	59.0	69.3
75°	0.0	5.6	11.2	16.7	22.7	32.4	41.9	52.1	63.3	76.4	89.3
72.5°	0.0	6.5	13.0	19.4	29.1	40.2	51.3	64.0	79.2	94.2	109.0
70°	0.0	7.4	14.8	22.5	35.3	48.0	60.9	77.8	94.9	111.8	130.2
67.5°	0.0	8.3	16.5	27.1	41.4	55.6	72.7	91.3	110.4	131.1	151.5
65°	0.0	9.1	18.2	31.6	47.4	64.2	84.3	104.6	127.3	150.0	173.0
62.5°	0.0	10.0	19.9	36.0	53.3	73.7	95.6	118.7	143.8	168.8	195.1
60°	0.0	10.8	21.6	40.4	59.1	83.0	106.7	132.9	160.0	187.9	216.6
57.5°	0.0	11.6	24.4	44.6	66.3	92.0	118.4	146.8	176.1	206.3	237.9
55°	0.0	12.4	27.1	48.7	73.3	100.8	129.8	160.3	191.7	224.3	258.8
52.5°	0.0	13.1	29.8	52.7	80.2	109.5	140.8	173.3	206.7	242.6	279.0
50°	0.0	13.9	32.4	56.6	86.8	118.2	151.3	186.0	221.4	260.2	297.8
47.5°	0.0	14.6	34.8	60.5	93.2	126.5	161.5	198.2	236.5	277.2	315.5
45°	0.0	15.3	37.2	65.1	99.3	134.4	171.5	209.9	251.1	292.2	332.3
42.5°	0.0	15.9	39.5	69.6	105.2	142.0	181.1	221.6	264.9	306.4	347.7
40°	0.0	16.5	41.7	73.7	110.9	149.1	190.2	232.9	277.6	319.6	362.2
37.5°	0.0	17.1	43.7	77.6	116.2	155.8	198.8	243.6	288.9	332.3	376.0
35°	0.0	17.7	45.7	81.2	121.3	162.4	207.0	253.5	299.5	344.3	389.0
32.5°	0.0	18.2	47.5	84.5	126.0	168.8	214.7	262.7	309.4	355.6	401.5
30°	0.0	18.7	49.3	87.6	130.3	174.7	222.1	271.0	318.6	366.0	413.2
27.5°	0.0	19.2	50.8	90.4	134.3	180.1	228.8	278.4	327.1	375.6	424.0
25°	0.0	19.6	52.3	92.9	137.9	185.1	234.8	285.1	334.8	384.4	433.8
22.5°	0.0	20.0	53.6	95.1	141.3	189.7	240.2	291.1	341.7	392.3	443.7
20°	0.0	20.3	54.8	97.0	144.4	193.6	244.9	296.5	347.9	399.2	452.4
17.5°	0.0	20.6	55.9	98.7	147.1	196.9	249.2	301.1	353.3	405.3	460.1
15°	0.0	20.9	56.8	100.1	149.6	199.7	253.2	305.4	357.8	410.5	466.6
12.5°	0.0	21.1	57.6	101.1	151.7	202.0	256.6	309.5	362.0	414.7	471.9
10°	0.0	21.3	58.2	102.0	153.4	203.6	259.4	312.8	365.9	419.7	476.9
7.5°	0.0	21.4	58.8	102.5	154.8	204.8	261.7	315.4	368.8	424.2	482.3
5°	0.0	21.5	59.1	102.8	155.8	205.4	263.3	317.2	371.0	427.8	486.6
2.5°	0.0	21.6	59.3	102.8	156.4	205.6	264.4	318.3	372.3	430.5	489.6
0°	0.0	21.6	59.4	102.6	156.6	205.2	264.7	318.7	372.7	432.1	491.5
-2.5°	0.0	21.6	59.3	102.8	156.4	205.6	264.4	318.3	372.3	430.5	489.6
-5°	0.0	21.5	59.1	102.8	155.8	205.4	263.3	317.2	371.0	427.8	486.6
-7.5°	0.0	21.4	58.8	102.5	154.8	204.8	261.7	315.4	368.8	424.2	482.3
-10°	0.0	21.3	58.2	102.0	153.4	203.6	259.4	312.8	365.9	419.7	476.9
-12.5°	0.0	21.1	57.6	101.1	151.7	202.0	256.6	309.5	362.0	414.7	471.9
-15°	0.0	20.9	56.8	100.1	149.6	199.7	253.2	305.4	357.8	410.5	466.6
-17.5°	0.0	20.6	55.9	98.7	147.1	196.9	249.2	301.1	353.3	405.3	460.1
-20°	0.0	20.3	54.8	97.0	144.4	193.6	244.9	296.5	347.9	399.2	452.4

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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	20.0	53.6	95.1	141.3	189.7	240.2	291.1	341.7	392.3	443.7
-25°	0.0	19.6	52.3	92.9	137.9	185.1	234.8	285.1	334.8	384.4	433.8
-27.5°	0.0	19.2	50.8	90.4	134.3	180.1	228.8	278.4	327.1	375.6	424.0
-30°	0.0	18.7	49.3	87.6	130.3	174.7	222.1	271.0	318.6	366.0	413.2
-32.5°	0.0	18.2	47.5	84.5	126.0	168.8	214.7	262.7	309.4	355.6	401.5
-35°	0.0	17.7	45.7	81.2	121.3	162.4	207.0	253.5	299.5	344.3	389.0
-37.5°	0.0	17.1	43.7	77.6	116.2	155.8	198.8	243.6	288.9	332.3	376.0
-40°	0.0	16.5	41.7	73.7	110.9	149.1	190.2	232.9	277.6	319.6	362.2
-42.5°	0.0	15.9	39.5	69.6	105.2	142.0	181.1	221.6	264.9	306.4	347.7
-45°	0.0	15.3	37.2	65.1	99.3	134.4	171.5	209.9	251.1	292.2	332.3
-47.5°	0.0	14.6	34.8	60.5	93.2	126.5	161.5	198.2	236.5	277.2	315.5
-50°	0.0	13.9	32.4	56.6	86.8	118.2	151.3	186.0	221.4	260.2	297.8
-52.5°	0.0	13.1	29.8	52.7	80.2	109.5	140.8	173.3	206.7	242.6	279.0
-55°	0.0	12.4	27.1	48.7	73.3	100.8	129.8	160.3	191.7	224.3	258.8
-57.5°	0.0	11.6	24.4	44.6	66.3	92.0	118.4	146.8	176.1	206.3	237.9
-60°	0.0	10.8	21.6	40.4	59.1	83.0	106.7	132.9	160.0	187.9	216.6
-62.5°	0.0	10.0	19.9	36.0	53.3	73.7	95.6	118.7	143.8	168.8	195.1
-65°	0.0	9.1	18.2	31.6	47.4	64.2	84.3	104.6	127.3	150.0	173.0
-67.5°	0.0	8.3	16.5	27.1	41.4	55.6	72.7	91.3	110.4	131.1	151.5
-70°	0.0	7.4	14.8	22.5	35.3	48.0	60.9	77.8	94.9	111.8	130.2
-72.5°	0.0	6.5	13.0	19.4	29.1	40.2	51.3	64.0	79.2	94.2	109.0
-75°	0.0	5.6	11.2	16.7	22.7	32.4	41.9	52.1	63.3	76.4	89.3
-77.5°	0.0	4.7	9.3	14.0	18.6	24.4	32.4	40.8	49.7	59.0	69.3
-80°	0.0	3.7	7.5	11.2	14.9	18.6	22.7	29.3	36.2	43.4	51.0
-82.5°	0.0	2.8	5.6	8.4	11.2	14.0	16.7	19.4	22.5	27.7	33.0
-85°	0.0	1.9	3.8	5.6	7.5	9.3	11.2	13.0	14.8	16.5	18.2
-87.5°	0.0	0.9	1.9	2.8	3.7	4.7	5.6	6.5	7.4	8.3	9.1
-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):

	-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°	10.0	10.8	11.6	12.4	13.1	13.9	14.6	15.3	15.9	16.5	17.1
85°	19.9	21.6	24.8	27.9	31.0	33.9	36.7	39.5	42.1	44.6	46.9
82.5°	38.1	43.1	47.9	52.6	57.2	61.6	65.8	69.9	73.8	77.6	81.1
80°	57.9	64.5	71.1	77.2	83.3	89.1	94.8	100.3	105.5	111.1	117.0
77.5°	78.8	87.2	94.9	101.9	109.5	118.7	127.6	136.2	144.3	152.1	159.6
75°	100.3	110.0	120.5	130.9	141.8	152.9	163.6	173.9	183.9	194.3	204.6
72.5°	123.0	136.1	148.8	161.2	174.9	188.3	200.6	211.8	224.6	238.6	251.4
70°	147.1	162.2	178.2	194.1	209.6	224.5	239.8	255.2	270.7	285.8	300.2
67.5°	171.3	190.2	208.8	226.8	244.4	262.4	280.5	299.0	316.9	334.0	350.6
65°	197.0	218.2	239.0	259.2	278.8	300.7	322.1	342.8	365.4	386.4	404.6
62.5°	222.1	245.9	268.8	291.6	315.5	339.6	364.4	390.5	417.4	436.8	453.6
60°	246.2	273.0	298.6	324.8	351.3	378.6	407.2	434.9	459.5	480.7	498.3
57.5°	269.8	299.8	328.1	356.5	385.5	416.5	448.0	476.3	499.2	519.7	539.0
55°	292.6	325.8	355.9	386.1	419.1	455.5	487.7	513.3	536.7	553.6	572.1
52.5°	314.3	349.8	381.3	415.2	453.0	490.7	522.7	547.5	567.2	584.8	602.8
50°	335.0	370.8	405.7	444.3	484.1	522.0	554.4	577.2	597.0	615.3	632.6
47.5°	353.8	391.0	430.5	471.7	513.3	550.7	581.8	605.1	625.6	644.3	663.4
45°	371.6	411.5	453.5	498.6	541.3	578.3	606.6	631.6	651.3	672.4	696.3
42.5°	388.5	431.2	476.8	524.8	568.4	602.3	629.7	653.7	676.5	701.8	728.4
40°	405.2	449.6	498.9	549.4	593.8	623.2	650.7	676.1	702.3	731.1	760.2
37.5°	420.7	468.4	519.6	572.3	612.5	643.0	671.4	699.7	729.2	760.2	796.3
35°	435.0	485.8	539.4	590.4	629.0	662.3	692.7	723.4	756.4	794.2	834.0
32.5°	448.9	501.5	557.9	605.6	644.0	679.5	713.1	747.9	785.7	827.3	872.8
30°	462.5	517.0	574.0	621.2	657.4	693.7	733.2	771.9	813.8	860.0	913.5
27.5°	475.8	531.2	587.5	633.4	669.1	706.1	748.4	795.5	841.3	891.9	953.9
25°	487.9	546.0	600.8	643.1	679.2	718.0	762.2	812.2	866.2	926.3	1002.2
22.5°	499.4	559.2	613.4	651.3	687.7	728.4	775.9	828.8	887.4	957.1	1049.9
20°	510.1	569.6	621.8	658.9	694.6	736.7	787.7	843.5	910.4	994.9	1105.8
17.5°	519.5	578.3	627.6	665.1	702.0	745.3	797.8	855.9	931.1	1028.2	1159.4
15°	527.6	585.5	632.6	669.9	708.2	754.0	808.2	871.4	953.8	1060.8	1205.8
12.5°	534.2	591.1	636.8	673.4	713.0	760.5	817.0	886.4	976.5	1096.4	1268.3
10°	539.4	595.2	640.1	675.5	716.4	764.8	823.9	898.1	994.8	1126.2	1321.8
7.5°	544.4	598.8	642.5	676.4	718.4	767.0	828.7	906.3	1008.2	1148.5	1364.5
5°	548.1	602.2	643.8	678.4	719.6	768.0	832.0	911.1	1016.6	1163.2	1394.6
2.5°	550.2	604.2	643.9	680.0	719.7	768.4	835.8	913.8	1026.0	1175.7	1411.8
0°	550.9	604.9	642.7	680.5	718.3	767.0	837.2	912.8	1031.6	1182.8	1415.1
-2.5°	550.2	604.2	643.9	680.0	719.7	768.4	835.8	913.8	1026.0	1175.7	1411.8
-5°	548.1	602.2	643.8	678.4	719.6	768.0	832.0	911.1	1016.6	1163.2	1394.6
-7.5°	544.4	598.8	642.5	676.4	718.4	767.0	828.7	906.3	1008.2	1148.5	1364.5
-10°	539.4	595.2	640.1	675.5	716.4	764.8	823.9	898.1	994.8	1126.2	1321.8
-12.5°	534.2	591.1	636.8	673.4	713.0	760.5	817.0	886.4	976.5	1096.4	1268.3
-15°	527.6	585.5	632.6	669.9	708.2	754.0	808.2	871.4	953.8	1060.8	1205.8
-17.5°	519.5	578.3	627.6	665.1	702.0	745.3	797.8	855.9	931.1	1028.2	1159.4
-20°	510.1	569.6	621.8	658.9	694.6	736.7	787.7	843.5	910.4	994.9	1105.8



REPORT NUMBER: P627615 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	499.4	559.2	613.4	651.3	687.7	728.4	775.9	828.8	887.4	957.1	1049.9
-25°	487.9	546.0	600.8	643.1	679.2	718.0	762.2	812.2	866.2	926.3	1002.2
-27.5°	475.8	531.2	587.5	633.4	669.1	706.1	748.4	795.5	841.3	891.9	953.9
-30°	462.5	517.0	574.0	621.2	657.4	693.7	733.2	771.9	813.8	860.0	913.5
-32.5°	448.9	501.5	557.9	605.6	644.0	679.5	713.1	747.9	785.7	827.3	872.8
-35°	435.0	485.8	539.4	590.4	629.0	662.3	692.7	723.4	756.4	794.2	834.0
-37.5°	420.7	468.4	519.6	572.3	612.5	643.0	671.4	699.7	729.2	760.2	796.3
-40°	405.2	449.6	498.9	549.4	593.8	623.2	650.7	676.1	702.3	731.1	760.2
-42.5°	388.5	431.2	476.8	524.8	568.4	602.3	629.7	653.7	676.5	701.8	728.4
-45°	371.6	411.5	453.5	498.6	541.3	578.3	606.6	631.6	651.3	672.4	696.3
-47.5°	353.8	391.0	430.5	471.7	513.3	550.7	581.8	605.1	625.6	644.3	663.4
-50°	335.0	370.8	405.7	444.3	484.1	522.0	554.4	577.2	597.0	615.3	632.6
-52.5°	314.3	349.8	381.3	415.2	453.0	490.7	522.7	547.5	567.2	584.8	602.8
-55°	292.6	325.8	355.9	386.1	419.1	455.5	487.7	513.3	536.7	553.6	572.1
-57.5°	269.8	299.8	328.1	356.5	385.5	416.5	448.0	476.3	499.2	519.7	539.0
-60°	246.2	273.0	298.6	324.8	351.3	378.6	407.2	434.9	459.5	480.7	498.3
-62.5°	222.1	245.9	268.8	291.6	315.5	339.6	364.4	390.5	417.4	436.8	453.6
-65°	197.0	218.2	239.0	259.2	278.8	300.7	322.1	342.8	365.4	386.4	404.6
-67.5°	171.3	190.2	208.8	226.8	244.4	262.4	280.5	299.0	316.9	334.0	350.6
-70°	147.1	162.2	178.2	194.1	209.6	224.5	239.8	255.2	270.7	285.8	300.2
-72.5°	123.0	136.1	148.8	161.2	174.9	188.3	200.6	211.8	224.6	238.6	251.4
-75°	100.3	110.0	120.5	130.9	141.8	152.9	163.6	173.9	183.9	194.3	204.6
-77.5°	78.8	87.2	94.9	101.9	109.5	118.7	127.6	136.2	144.3	152.1	159.6
-80°	57.9	64.5	71.1	77.2	83.3	89.1	94.8	100.3	105.5	111.1	117.0
-82.5°	38.1	43.1	47.9	52.6	57.2	61.6	65.8	69.9	73.8	77.6	81.1
-85°	19.9	21.6	24.8	27.9	31.0	33.9	36.7	39.5	42.1	44.6	46.9
-87.5°	10.0	10.8	11.6	12.4	13.1	13.9	14.6	15.3	15.9	16.5	17.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627615 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-727-U-MR-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°	17.7	18.2	18.7	19.2	19.6	20.0	20.3	20.6	20.9	21.1	21.3
85°	49.1	51.2	53.2	55.0	56.7	57.1	57.2	57.1	56.8	57.6	58.2
82.5°	84.5	88.3	92.1	95.9	99.6	101.0	101.9	102.6	103.1	104.5	105.8
80°	122.6	128.6	134.2	139.1	143.6	146.7	149.5	152.2	154.6	155.7	156.2
77.5°	167.0	174.3	181.1	187.4	193.2	197.8	201.5	204.5	206.8	208.3	209.3
75°	214.8	224.0	232.2	239.8	246.8	251.7	255.1	257.6	259.3	261.1	262.5
72.5°	263.1	273.6	283.3	292.4	300.5	306.1	310.0	313.2	315.6	317.4	318.4
70°	313.8	326.3	337.0	346.2	353.4	358.9	363.1	366.5	369.2	371.0	371.9
67.5°	366.3	379.7	389.8	397.7	404.3	410.0	415.3	419.2	421.8	424.4	427.1
65°	419.9	433.4	443.7	452.2	459.1	466.5	473.3	478.3	481.7	484.7	487.8
62.5°	470.1	485.6	497.5	508.6	519.8	530.5	536.6	541.4	544.8	547.8	551.3
60°	515.9	533.3	547.9	561.4	575.1	588.9	594.6	599.1	603.3	607.2	610.8
57.5°	556.5	575.0	592.7	606.0	619.2	632.1	641.0	645.9	649.2	651.0	652.5
55°	591.8	610.3	628.0	643.3	657.6	670.9	680.8	685.6	689.1	691.4	692.8
52.5°	623.4	643.3	662.2	679.2	694.6	708.9	721.3	727.9	733.2	737.0	738.2
50°	654.5	676.0	696.4	714.6	732.6	749.7	765.5	774.7	781.1	785.0	786.3
47.5°	687.0	710.2	732.4	753.6	774.0	794.3	812.9	825.4	834.6	841.4	846.3
45°	720.8	745.9	770.4	795.3	818.7	844.9	868.5	886.7	900.1	911.7	921.0
42.5°	754.8	783.0	811.1	843.2	875.2	904.9	933.1	957.1	979.1	1000.6	1017.3
40°	791.8	822.7	861.1	899.1	938.6	973.2	1014.2	1051.0	1084.8	1121.2	1151.3
37.5°	832.2	871.9	917.4	963.0	1014.3	1064.0	1121.4	1177.9	1227.0	1290.8	1342.0
35°	876.3	926.4	980.2	1041.4	1107.6	1185.7	1265.9	1360.1	1440.0	1541.4	1635.1
32.5°	925.3	984.3	1054.0	1138.2	1227.6	1352.9	1470.5	1630.1	1766.5	1942.6	2134.8
30°	975.1	1051.4	1146.3	1255.1	1406.1	1584.0	1791.4	2061.2	2353.1	2655.0	3061.5
27.5°	1034.3	1133.3	1251.8	1419.7	1645.6	1891.9	2314.4	2770.7	3406.4	3909.6	4805.9
25°	1098.0	1220.6	1395.6	1638.9	1951.1	2449.4	3162.7	3988.7	5260.7	6392.1	7692.4
22.5°	1173.4	1339.9	1571.6	1890.3	2434.4	3291.9	4405.3	6101.5	7987.1	9848.2	11549.2
20°	1253.2	1454.4	1778.4	2297.4	3138.4	4378.3	6364.8	8788.6	11291.8	13842.3	15991.6
17.5°	1346.5	1619.7	2046.4	2735.7	3935.6	6058.5	8711.8	11793.7	15064.1	18318.7	21145.6
15°	1426.7	1764.2	2338.8	3371.3	5160.6	7815.9	11077.0	14969.4	19082.0	23305.7	27883.3
12.5°	1528.9	1938.3	2640.0	3896.8	6247.5	9698.7	13688.9	18208.1	23230.2	28838.2	35974.6
10°	1622.7	2120.9	3036.3	4738.7	7554.0	11457.5	15945.0	21072.2	27586.3	36013.6	44622.0
7.5°	1697.9	2265.7	3343.6	5395.6	8649.6	12960.0	17976.5	24123.7	32250.6	42285.7	52121.2
5°	1750.2	2366.1	3563.5	5892.0	9531.0	14108.2	19418.2	26373.2	36182.0	47419.6	57462.3
2.5°	1783.1	2421.0	3671.1	6186.7	10105.8	14799.2	20317.6	27802.9	38591.6	50687.7	60855.7
0°	1798.6	2430.5	3602.5	6330.1	10186.5	14750.4	20400.0	28280.2	39163.4	51575.1	61702.2
-2.5°	1783.1	2421.0	3671.1	6186.7	10105.8	14799.2	20317.6	27802.9	38591.6	50687.7	60855.7
-5°	1750.2	2366.1	3563.5	5892.0	9531.0	14108.2	19418.2	26373.2	36182.0	47419.6	57462.3
-7.5°	1697.9	2265.7	3343.6	5395.6	8649.6	12960.0	17976.5	24123.7	32250.6	42285.7	52121.2
-10°	1622.7	2120.9	3036.3	4738.7	7554.0	11457.5	15945.0	21072.2	27586.3	36013.6	44622.0
-12.5°	1528.9	1938.3	2640.0	3896.8	6247.5	9698.7	13688.9	18208.1	23230.2	28838.2	35974.6
-15°	1426.7	1764.2	2338.8	3371.3	5160.6	7815.9	11077.0	14969.4	19082.0	23305.7	27883.3
-17.5°	1346.5	1619.7	2046.4	2735.7	3935.6	6058.5	8711.8	11793.7	15064.1	18318.7	21145.6
-20°	1253.2	1454.4	1778.4	2297.4	3138.4	4378.3	6364.8	8788.6	11291.8	13842.3	15991.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627615 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5C-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1173.4	1339.9	1571.6	1890.3	2434.4	3291.9	4405.3	6101.5	7987.1	9848.2	11549.2
-25°	1098.0	1220.6	1395.6	1638.9	1951.1	2449.4	3162.7	3988.7	5260.7	6392.1	7692.4
-27.5°	1034.3	1133.3	1251.8	1419.7	1645.6	1891.9	2314.4	2770.7	3406.4	3909.6	4805.9
-30°	975.1	1051.4	1146.3	1255.1	1406.1	1584.0	1791.4	2061.2	2353.1	2655.0	3061.5
-32.5°	925.3	984.3	1054.0	1138.2	1227.6	1352.9	1470.5	1630.1	1766.5	1942.6	2134.8
-35°	876.3	926.4	980.2	1041.4	1107.6	1185.7	1265.9	1360.1	1440.0	1541.4	1635.1
-37.5°	832.2	871.9	917.4	963.0	1014.3	1064.0	1121.4	1177.9	1227.0	1290.8	1342.0
-40°	791.8	822.7	861.1	899.1	938.6	973.2	1014.2	1051.0	1084.8	1121.2	1151.3
-42.5°	754.8	783.0	811.1	843.2	875.2	904.9	933.1	957.1	979.1	1000.6	1017.3
-45°	720.8	745.9	770.4	795.3	818.7	844.9	868.5	886.7	900.1	911.7	921.0
-47.5°	687.0	710.2	732.4	753.6	774.0	794.3	812.9	825.4	834.6	841.4	846.3
-50°	654.5	676.0	696.4	714.6	732.6	749.7	765.5	774.7	781.1	785.0	786.3
-52.5°	623.4	643.3	662.2	679.2	694.6	708.9	721.3	727.9	733.2	737.0	738.2
-55°	591.8	610.3	628.0	643.3	657.6	670.9	680.8	685.6	689.1	691.4	692.8
-57.5°	556.5	575.0	592.7	606.0	619.2	632.1	641.0	645.9	649.2	651.0	652.5
-60°	515.9	533.3	547.9	561.4	575.1	588.9	594.6	599.1	603.3	607.2	610.8
-62.5°	470.1	485.6	497.5	508.6	519.8	530.5	536.6	541.4	544.8	547.8	551.3
-65°	419.9	433.4	443.7	452.2	459.1	466.5	473.3	478.3	481.7	484.7	487.8
-67.5°	366.3	379.7	389.8	397.7	404.3	410.0	415.3	419.2	421.8	424.4	427.1
-70°	313.8	326.3	337.0	346.2	353.4	358.9	363.1	366.5	369.2	371.0	371.9
-72.5°	263.1	273.6	283.3	292.4	300.5	306.1	310.0	313.2	315.6	317.4	318.4
-75°	214.8	224.0	232.2	239.8	246.8	251.7	255.1	257.6	259.3	261.1	262.5
-77.5°	167.0	174.3	181.1	187.4	193.2	197.8	201.5	204.5	206.8	208.3	209.3
-80°	122.6	128.6	134.2	139.1	143.6	146.7	149.5	152.2	154.6	155.7	156.2
-82.5°	84.5	88.3	92.1	95.9	99.6	101.0	101.9	102.6	103.1	104.5	105.8
-85°	49.1	51.2	53.2	55.0	56.7	57.1	57.2	57.1	56.8	57.6	58.2
-87.5°	17.7	18.2	18.7	19.2	19.6	20.0	20.3	20.6	20.9	21.1	21.3
-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: P627615 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-727-U-MR-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°	21.4	21.5	21.6	21.6	21.6	21.5	21.4	21.3	21.1	20.9	20.6
85°	58.8	59.1	59.3	59.4	59.3	59.1	58.8	58.2	57.6	56.8	57.1
82.5°	106.7	107.4	107.9	108.0	107.9	107.4	106.7	105.8	104.5	103.1	102.6
80°	156.3	155.9	156.4	156.6	156.4	155.9	156.3	156.2	155.7	154.6	152.2
77.5°	209.7	209.6	210.3	210.6	210.3	209.6	209.7	209.3	208.3	206.8	204.5
75°	263.3	263.5	264.4	264.7	264.4	263.5	263.3	262.5	261.1	259.3	257.6
72.5°	318.4	317.5	318.3	318.7	318.3	317.5	318.4	318.4	317.4	315.6	313.2
70°	372.1	371.3	374.8	378.1	374.8	371.3	372.1	371.9	371.0	369.2	366.5
67.5°	429.1	430.2	434.0	437.5	434.0	430.2	429.1	427.1	424.4	421.8	419.2
65°	489.4	489.6	493.3	496.9	493.3	489.6	489.4	487.8	484.7	481.7	478.3
62.5°	553.4	554.0	557.9	561.7	557.9	554.0	553.4	551.3	547.8	544.8	541.4
60°	612.9	613.5	615.0	615.7	615.0	613.5	612.9	610.8	607.2	603.3	599.1
57.5°	653.0	652.4	653.0	653.5	653.0	652.4	653.0	652.5	651.0	649.2	645.9
55°	692.5	690.7	688.6	685.9	688.6	690.7	692.5	692.8	691.4	689.1	685.6
52.5°	737.2	734.4	731.8	729.1	731.8	734.4	737.2	738.2	737.0	733.2	727.9
50°	785.5	782.9	780.4	777.8	780.4	782.9	785.5	786.3	785.0	781.1	774.7
47.5°	849.6	850.7	850.3	848.0	850.3	850.7	849.6	846.3	841.4	834.6	825.4
45°	927.6	930.7	931.0	929.0	931.0	930.7	927.6	921.0	911.7	900.1	886.7
42.5°	1029.2	1036.0	1039.8	1042.4	1039.8	1036.0	1029.2	1017.3	1000.6	979.1	957.1
40°	1173.3	1187.2	1196.1	1204.4	1196.1	1187.2	1173.3	1151.3	1121.2	1084.8	1051.0
37.5°	1380.0	1405.3	1416.7	1409.7	1416.7	1405.3	1380.0	1342.0	1290.8	1227.0	1177.9
35°	1707.2	1755.3	1780.3	1782.4	1780.3	1755.3	1707.2	1635.1	1541.4	1440.0	1360.1
32.5°	2276.9	2375.5	2428.4	2435.9	2428.4	2375.5	2276.9	2134.8	1942.6	1766.5	1630.1
30°	3372.7	3573.8	3668.2	3645.7	3668.2	3573.8	3372.7	3061.5	2655.0	2353.1	2061.2
27.5°	5502.6	6003.9	6301.0	6324.7	6301.0	6003.9	5502.6	4805.9	3909.6	3406.4	2770.7
25°	8844.0	9699.8	10247.8	10256.7	10247.8	9699.8	8844.0	7692.4	6392.1	5260.7	3988.7
22.5°	13122.0	14290.2	14930.3	15042.1	14930.3	14290.2	13122.0	11549.2	9848.2	7987.1	6101.5
20°	18078.3	19632.4	20463.8	20464.8	20463.8	19632.4	18078.3	15991.6	13842.3	11291.8	8788.6
17.5°	24182.2	26705.6	28289.6	28971.5	28289.6	26705.6	24182.2	21145.6	18318.7	15064.1	11793.7
15°	32291.2	36531.7	39072.7	39530.7	39072.7	36531.7	32291.2	27883.3	23305.7	19082.0	14969.4
12.5°	42164.9	47531.4	51138.8	52460.9	51138.8	47531.4	42164.9	35974.6	28838.2	23230.2	18208.1
10°	52473.9	57446.3	61310.9	62609.6	61310.9	57446.3	52473.9	44622.0	36013.6	27586.3	21072.2
7.5°	59921.4	65850.7	70203.9	72115.5	70203.9	65850.7	59921.4	52121.2	42285.7	32250.6	24123.7
5°	65800.4	72816.2	76868.5	78667.1	76868.5	72816.2	65800.4	57462.3	47419.6	36182.0	26373.2
2.5°	69657.8	76590.1	80881.2	82539.6	80881.2	76590.1	69657.8	60855.7	50687.7	38591.6	27802.9
0°	71100.1	77878.5	82118.4	84143.8	82118.4	77878.5	71100.1	61702.2	51575.1	39163.4	28280.2
-2.5°	69657.8	76590.1	80881.2	82539.6	80881.2	76590.1	69657.8	60855.7	50687.7	38591.6	27802.9
-5°	65800.4	72816.2	76868.5	78667.1	76868.5	72816.2	65800.4	57462.3	47419.6	36182.0	26373.2
-7.5°	59921.4	65850.7	70203.9	72115.5	70203.9	65850.7	59921.4	52121.2	42285.7	32250.6	24123.7
-10°	52473.9	57446.3	61310.9	62609.6	61310.9	57446.3	52473.9	44622.0	36013.6	27586.3	21072.2
-12.5°	42164.9	47531.4	51138.8	52460.9	51138.8	47531.4	42164.9	35974.6	28838.2	23230.2	18208.1
-15°	32291.2	36531.7	39072.7	39530.7	39072.7	36531.7	32291.2	27883.3	23305.7	19082.0	14969.4
-17.5°	24182.2	26705.6	28289.6	28971.5	28289.6	26705.6	24182.2	21145.6	18318.7	15064.1	11793.7
-20°	18078.3	19632.4	20463.8	20464.8	20463.8	19632.4	18078.3	15991.6	13842.3	11291.8	8788.6

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REPORT NUMBER: P627615 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5C-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	13122.0	14290.2	14930.3	15042.1	14930.3	14290.2	13122.0	11549.2	9848.2	7987.1	6101.5
-25°	8844.0	9699.8	10247.8	10256.7	10247.8	9699.8	8844.0	7692.4	6392.1	5260.7	3988.7
-27.5°	5502.6	6003.9	6301.0	6324.7	6301.0	6003.9	5502.6	4805.9	3909.6	3406.4	2770.7
-30°	3372.7	3573.8	3668.2	3645.7	3668.2	3573.8	3372.7	3061.5	2655.0	2353.1	2061.2
-32.5°	2276.9	2375.5	2428.4	2435.9	2428.4	2375.5	2276.9	2134.8	1942.6	1766.5	1630.1
-35°	1707.2	1755.3	1780.3	1782.4	1780.3	1755.3	1707.2	1635.1	1541.4	1440.0	1360.1
-37.5°	1380.0	1405.3	1416.7	1409.7	1416.7	1405.3	1380.0	1342.0	1290.8	1227.0	1177.9
-40°	1173.3	1187.2	1196.1	1204.4	1196.1	1187.2	1173.3	1151.3	1121.2	1084.8	1051.0
-42.5°	1029.2	1036.0	1039.8	1042.4	1039.8	1036.0	1029.2	1017.3	1000.6	979.1	957.1
-45°	927.6	930.7	931.0	929.0	931.0	930.7	927.6	921.0	911.7	900.1	886.7
-47.5°	849.6	850.7	850.3	848.0	850.3	850.7	849.6	846.3	841.4	834.6	825.4
-50°	785.5	782.9	780.4	777.8	780.4	782.9	785.5	786.3	785.0	781.1	774.7
-52.5°	737.2	734.4	731.8	729.1	731.8	734.4	737.2	738.2	737.0	733.2	727.9
-55°	692.5	690.7	688.6	685.9	688.6	690.7	692.5	692.8	691.4	689.1	685.6
-57.5°	653.0	652.4	653.0	653.5	653.0	652.4	653.0	652.5	651.0	649.2	645.9
-60°	612.9	613.5	615.0	615.7	615.0	613.5	612.9	610.8	607.2	603.3	599.1
-62.5°	553.4	554.0	557.9	561.7	557.9	554.0	553.4	551.3	547.8	544.8	541.4
-65°	489.4	489.6	493.3	496.9	493.3	489.6	489.4	487.8	484.7	481.7	478.3
-67.5°	429.1	430.2	434.0	437.5	434.0	430.2	429.1	427.1	424.4	421.8	419.2
-70°	372.1	371.3	374.8	378.1	374.8	371.3	372.1	371.9	371.0	369.2	366.5
-72.5°	318.4	317.5	318.3	318.7	318.3	317.5	318.4	318.4	317.4	315.6	313.2
-75°	263.3	263.5	264.4	264.7	264.4	263.5	263.3	262.5	261.1	259.3	257.6
-77.5°	209.7	209.6	210.3	210.6	210.3	209.6	209.7	209.3	208.3	206.8	204.5
-80°	156.3	155.9	156.4	156.6	156.4	155.9	156.3	156.2	155.7	154.6	152.2
-82.5°	106.7	107.4	107.9	108.0	107.9	107.4	106.7	105.8	104.5	103.1	102.6
-85°	58.8	59.1	59.3	59.4	59.3	59.1	58.8	58.2	57.6	56.8	57.1
-87.5°	21.4	21.5	21.6	21.6	21.6	21.5	21.4	21.3	21.1	20.9	20.6
-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: P627615 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-727-U-MR-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°	20.3	20.0	19.6	19.2	18.7	18.2	17.7	17.1	16.5	15.9	15.3
85°	57.2	57.1	56.7	55.0	53.2	51.2	49.1	46.9	44.6	42.1	39.5
82.5°	101.9	101.0	99.6	95.9	92.1	88.3	84.5	81.1	77.6	73.8	69.9
80°	149.5	146.7	143.6	139.1	134.2	128.6	122.6	117.0	111.1	105.5	100.3
77.5°	201.5	197.8	193.2	187.4	181.1	174.3	167.0	159.6	152.1	144.3	136.2
75°	255.1	251.7	246.8	239.8	232.2	224.0	214.8	204.6	194.3	183.9	173.9
72.5°	310.0	306.1	300.5	292.4	283.3	273.6	263.1	251.4	238.6	224.6	211.8
70°	363.1	358.9	353.4	346.2	337.0	326.3	313.8	300.2	285.8	270.7	255.2
67.5°	415.3	410.0	404.3	397.7	389.8	379.7	366.3	350.6	334.0	316.9	299.0
65°	473.3	466.5	459.1	452.2	443.7	433.4	419.9	404.6	386.4	365.4	342.8
62.5°	536.6	530.5	519.8	508.6	497.5	485.6	470.1	453.6	436.8	417.4	390.5
60°	594.6	588.9	575.1	561.4	547.9	533.3	515.9	498.3	480.7	459.5	434.9
57.5°	641.0	632.1	619.2	606.0	592.7	575.0	556.5	539.0	519.7	499.2	476.3
55°	680.8	670.9	657.6	643.3	628.0	610.3	591.8	572.1	553.6	536.7	513.3
52.5°	721.3	708.9	694.6	679.2	662.2	643.3	623.4	602.8	584.8	567.2	547.5
50°	765.5	749.7	732.6	714.6	696.4	676.0	654.5	632.6	615.3	597.0	577.2
47.5°	812.9	794.3	774.0	753.6	732.4	710.2	687.0	663.4	644.3	625.6	605.1
45°	868.5	844.9	818.7	795.3	770.4	745.9	720.8	696.3	672.4	651.3	631.6
42.5°	933.1	904.9	875.2	843.2	811.1	783.0	754.8	728.4	701.8	676.5	653.7
40°	1014.2	973.2	938.6	899.1	861.1	822.7	791.8	760.2	731.1	702.3	676.1
37.5°	1121.4	1064.0	1014.3	963.0	917.4	871.9	832.2	796.3	760.2	729.2	699.7
35°	1265.9	1185.7	1107.6	1041.4	980.2	926.4	876.3	834.0	794.2	756.4	723.4
32.5°	1470.5	1352.9	1227.6	1138.2	1054.0	984.3	925.3	872.8	827.3	785.7	747.9
30°	1791.4	1584.0	1406.1	1255.1	1146.3	1051.4	975.1	913.5	860.0	813.8	771.9
27.5°	2314.4	1891.9	1645.6	1419.7	1251.8	1133.3	1034.3	953.9	891.9	841.3	795.5
25°	3162.7	2449.4	1951.1	1638.9	1395.6	1220.6	1098.0	1002.2	926.3	866.2	812.2
22.5°	4405.3	3291.9	2434.4	1890.3	1571.6	1339.9	1173.4	1049.9	957.1	887.4	828.8
20°	6364.8	4378.3	3138.4	2297.4	1778.4	1454.4	1253.2	1105.8	994.9	910.4	843.5
17.5°	8711.8	6058.5	3935.6	2735.7	2046.4	1619.7	1346.5	1159.4	1028.2	931.1	855.9
15°	11077.0	7815.9	5160.6	3371.3	2338.8	1764.2	1426.7	1205.8	1060.8	953.8	871.4
12.5°	13688.9	9698.7	6247.5	3896.8	2640.0	1938.3	1528.9	1268.3	1096.4	976.5	886.4
10°	15945.0	11457.5	7554.0	4738.7	3036.3	2120.9	1622.7	1321.8	1126.2	994.8	898.1
7.5°	17976.5	12960.0	8649.6	5395.6	3343.6	2265.7	1697.9	1364.5	1148.5	1008.2	906.3
5°	19418.2	14108.2	9531.0	5892.0	3563.5	2366.1	1750.2	1394.6	1163.2	1016.6	911.1
2.5°	20317.6	14799.2	10105.8	6186.7	3671.1	2421.0	1783.1	1411.8	1175.7	1026.0	913.8
0°	20400.0	14750.4	10186.5	6330.1	3602.5	2430.5	1798.6	1415.1	1182.8	1031.6	912.8
-2.5°	20317.6	14799.2	10105.8	6186.7	3671.1	2421.0	1783.1	1411.8	1175.7	1026.0	913.8
-5°	19418.2	14108.2	9531.0	5892.0	3563.5	2366.1	1750.2	1394.6	1163.2	1016.6	911.1
-7.5°	17976.5	12960.0	8649.6	5395.6	3343.6	2265.7	1697.9	1364.5	1148.5	1008.2	906.3
-10°	15945.0	11457.5	7554.0	4738.7	3036.3	2120.9	1622.7	1321.8	1126.2	994.8	898.1
-12.5°	13688.9	9698.7	6247.5	3896.8	2640.0	1938.3	1528.9	1268.3	1096.4	976.5	886.4
-15°	11077.0	7815.9	5160.6	3371.3	2338.8	1764.2	1426.7	1205.8	1060.8	953.8	871.4
-17.5°	8711.8	6058.5	3935.6	2735.7	2046.4	1619.7	1346.5	1159.4	1028.2	931.1	855.9
-20°	6364.8	4378.3	3138.4	2297.4	1778.4	1454.4	1253.2	1105.8	994.9	910.4	843.5

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REPORT NUMBER: P627615 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5C-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4405.3	3291.9	2434.4	1890.3	1571.6	1339.9	1173.4	1049.9	957.1	887.4	828.8
-25°	3162.7	2449.4	1951.1	1638.9	1395.6	1220.6	1098.0	1002.2	926.3	866.2	812.2
-27.5°	2314.4	1891.9	1645.6	1419.7	1251.8	1133.3	1034.3	953.9	891.9	841.3	795.5
-30°	1791.4	1584.0	1406.1	1255.1	1146.3	1051.4	975.1	913.5	860.0	813.8	771.9
-32.5°	1470.5	1352.9	1227.6	1138.2	1054.0	984.3	925.3	872.8	827.3	785.7	747.9
-35°	1265.9	1185.7	1107.6	1041.4	980.2	926.4	876.3	834.0	794.2	756.4	723.4
-37.5°	1121.4	1064.0	1014.3	963.0	917.4	871.9	832.2	796.3	760.2	729.2	699.7
-40°	1014.2	973.2	938.6	899.1	861.1	822.7	791.8	760.2	731.1	702.3	676.1
-42.5°	933.1	904.9	875.2	843.2	811.1	783.0	754.8	728.4	701.8	676.5	653.7
-45°	868.5	844.9	818.7	795.3	770.4	745.9	720.8	696.3	672.4	651.3	631.6
-47.5°	812.9	794.3	774.0	753.6	732.4	710.2	687.0	663.4	644.3	625.6	605.1
-50°	765.5	749.7	732.6	714.6	696.4	676.0	654.5	632.6	615.3	597.0	577.2
-52.5°	721.3	708.9	694.6	679.2	662.2	643.3	623.4	602.8	584.8	567.2	547.5
-55°	680.8	670.9	657.6	643.3	628.0	610.3	591.8	572.1	553.6	536.7	513.3
-57.5°	641.0	632.1	619.2	606.0	592.7	575.0	556.5	539.0	519.7	499.2	476.3
-60°	594.6	588.9	575.1	561.4	547.9	533.3	515.9	498.3	480.7	459.5	434.9
-62.5°	536.6	530.5	519.8	508.6	497.5	485.6	470.1	453.6	436.8	417.4	390.5
-65°	473.3	466.5	459.1	452.2	443.7	433.4	419.9	404.6	386.4	365.4	342.8
-67.5°	415.3	410.0	404.3	397.7	389.8	379.7	366.3	350.6	334.0	316.9	299.0
-70°	363.1	358.9	353.4	346.2	337.0	326.3	313.8	300.2	285.8	270.7	255.2
-72.5°	310.0	306.1	300.5	292.4	283.3	273.6	263.1	251.4	238.6	224.6	211.8
-75°	255.1	251.7	246.8	239.8	232.2	224.0	214.8	204.6	194.3	183.9	173.9
-77.5°	201.5	197.8	193.2	187.4	181.1	174.3	167.0	159.6	152.1	144.3	136.2
-80°	149.5	146.7	143.6	139.1	134.2	128.6	122.6	117.0	111.1	105.5	100.3
-82.5°	101.9	101.0	99.6	95.9	92.1	88.3	84.5	81.1	77.6	73.8	69.9
-85°	57.2	57.1	56.7	55.0	53.2	51.2	49.1	46.9	44.6	42.1	39.5
-87.5°	20.3	20.0	19.6	19.2	18.7	18.2	17.7	17.1	16.5	15.9	15.3
-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):

	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°	14.6	13.9	13.1	12.4	11.6	10.8	10.0	9.1	8.3	7.4	6.5
85°	36.7	33.9	31.0	27.9	24.8	21.6	19.9	18.2	16.5	14.8	13.0
82.5°	65.8	61.6	57.2	52.6	47.9	43.1	38.1	33.0	27.7	22.5	19.4
80°	94.8	89.1	83.3	77.2	71.1	64.5	57.9	51.0	43.4	36.2	29.3
77.5°	127.6	118.7	109.5	101.9	94.9	87.2	78.8	69.3	59.0	49.7	40.8
75°	163.6	152.9	141.8	130.9	120.5	110.0	100.3	89.3	76.4	63.3	52.1
72.5°	200.6	188.3	174.9	161.2	148.8	136.1	123.0	109.0	94.2	79.2	64.0
70°	239.8	224.5	209.6	194.1	178.2	162.2	147.1	130.2	111.8	94.9	77.8
67.5°	280.5	262.4	244.4	226.8	208.8	190.2	171.3	151.5	131.1	110.4	91.3
65°	322.1	300.7	278.8	259.2	239.0	218.2	197.0	173.0	150.0	127.3	104.6
62.5°	364.4	339.6	315.5	291.6	268.8	245.9	222.1	195.1	168.8	143.8	118.7
60°	407.2	378.6	351.3	324.8	298.6	273.0	246.2	216.6	187.9	160.0	132.9
57.5°	448.0	416.5	385.5	356.5	328.1	299.8	269.8	237.9	206.3	176.1	146.8
55°	487.7	455.5	419.1	386.1	355.9	325.8	292.6	258.8	224.3	191.7	160.3
52.5°	522.7	490.7	453.0	415.2	381.3	349.8	314.3	279.0	242.6	206.7	173.3
50°	554.4	522.0	484.1	444.3	405.7	370.8	335.0	297.8	260.2	221.4	186.0
47.5°	581.8	550.7	513.3	471.7	430.5	391.0	353.8	315.5	277.2	236.5	198.2
45°	606.6	578.3	541.3	498.6	453.5	411.5	371.6	332.3	292.2	251.1	209.9
42.5°	629.7	602.3	568.4	524.8	476.8	431.2	388.5	347.7	306.4	264.9	221.6
40°	650.7	623.2	593.8	549.4	498.9	449.6	405.2	362.2	319.6	277.6	232.9
37.5°	671.4	643.0	612.5	572.3	519.6	468.4	420.7	376.0	332.3	288.9	243.6
35°	692.7	662.3	629.0	590.4	539.4	485.8	435.0	389.0	344.3	299.5	253.5
32.5°	713.1	679.5	644.0	605.6	557.9	501.5	448.9	401.5	355.6	309.4	262.7
30°	733.2	693.7	657.4	621.2	574.0	517.0	462.5	413.2	366.0	318.6	271.0
27.5°	748.4	706.1	669.1	633.4	587.5	531.2	475.8	424.0	375.6	327.1	278.4
25°	762.2	718.0	679.2	643.1	600.8	546.0	487.9	433.8	384.4	334.8	285.1
22.5°	775.9	728.4	687.7	651.3	613.4	559.2	499.4	443.7	392.3	341.7	291.1
20°	787.7	736.7	694.6	658.9	621.8	569.6	510.1	452.4	399.2	347.9	296.5
17.5°	797.8	745.3	702.0	665.1	627.6	578.3	519.5	460.1	405.3	353.3	301.1
15°	808.2	754.0	708.2	669.9	632.6	585.5	527.6	466.6	410.5	357.8	305.4
12.5°	817.0	760.5	713.0	673.4	636.8	591.1	534.2	471.9	414.7	362.0	309.5
10°	823.9	764.8	716.4	675.5	640.1	595.2	539.4	476.9	419.7	365.9	312.8
7.5°	828.7	767.0	718.4	676.4	642.5	598.8	544.4	482.3	424.2	368.8	315.4
5°	832.0	768.0	719.6	678.4	643.8	602.2	548.1	486.6	427.8	371.0	317.2
2.5°	835.8	768.4	719.7	680.0	643.9	604.2	550.2	489.6	430.5	372.3	318.3
0°	837.2	767.0	718.3	680.5	642.7	604.9	550.9	491.5	432.1	372.7	318.7
-2.5°	835.8	768.4	719.7	680.0	643.9	604.2	550.2	489.6	430.5	372.3	318.3
-5°	832.0	768.0	719.6	678.4	643.8	602.2	548.1	486.6	427.8	371.0	317.2
-7.5°	828.7	767.0	718.4	676.4	642.5	598.8	544.4	482.3	424.2	368.8	315.4
-10°	823.9	764.8	716.4	675.5	640.1	595.2	539.4	476.9	419.7	365.9	312.8
-12.5°	817.0	760.5	713.0	673.4	636.8	591.1	534.2	471.9	414.7	362.0	309.5
-15°	808.2	754.0	708.2	669.9	632.6	585.5	527.6	466.6	410.5	357.8	305.4
-17.5°	797.8	745.3	702.0	665.1	627.6	578.3	519.5	460.1	405.3	353.3	301.1
-20°	787.7	736.7	694.6	658.9	621.8	569.6	510.1	452.4	399.2	347.9	296.5



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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°	775.9	728.4	687.7	651.3	613.4	559.2	499.4	443.7	392.3	341.7	291.1
-25°	762.2	718.0	679.2	643.1	600.8	546.0	487.9	433.8	384.4	334.8	285.1
-27.5°	748.4	706.1	669.1	633.4	587.5	531.2	475.8	424.0	375.6	327.1	278.4
-30°	733.2	693.7	657.4	621.2	574.0	517.0	462.5	413.2	366.0	318.6	271.0
-32.5°	713.1	679.5	644.0	605.6	557.9	501.5	448.9	401.5	355.6	309.4	262.7
-35°	692.7	662.3	629.0	590.4	539.4	485.8	435.0	389.0	344.3	299.5	253.5
-37.5°	671.4	643.0	612.5	572.3	519.6	468.4	420.7	376.0	332.3	288.9	243.6
-40°	650.7	623.2	593.8	549.4	498.9	449.6	405.2	362.2	319.6	277.6	232.9
-42.5°	629.7	602.3	568.4	524.8	476.8	431.2	388.5	347.7	306.4	264.9	221.6
-45°	606.6	578.3	541.3	498.6	453.5	411.5	371.6	332.3	292.2	251.1	209.9
-47.5°	581.8	550.7	513.3	471.7	430.5	391.0	353.8	315.5	277.2	236.5	198.2
-50°	554.4	522.0	484.1	444.3	405.7	370.8	335.0	297.8	260.2	221.4	186.0
-52.5°	522.7	490.7	453.0	415.2	381.3	349.8	314.3	279.0	242.6	206.7	173.3
-55°	487.7	455.5	419.1	386.1	355.9	325.8	292.6	258.8	224.3	191.7	160.3
-57.5°	448.0	416.5	385.5	356.5	328.1	299.8	269.8	237.9	206.3	176.1	146.8
-60°	407.2	378.6	351.3	324.8	298.6	273.0	246.2	216.6	187.9	160.0	132.9
-62.5°	364.4	339.6	315.5	291.6	268.8	245.9	222.1	195.1	168.8	143.8	118.7
-65°	322.1	300.7	278.8	259.2	239.0	218.2	197.0	173.0	150.0	127.3	104.6
-67.5°	280.5	262.4	244.4	226.8	208.8	190.2	171.3	151.5	131.1	110.4	91.3
-70°	239.8	224.5	209.6	194.1	178.2	162.2	147.1	130.2	111.8	94.9	77.8
-72.5°	200.6	188.3	174.9	161.2	148.8	136.1	123.0	109.0	94.2	79.2	64.0
-75°	163.6	152.9	141.8	130.9	120.5	110.0	100.3	89.3	76.4	63.3	52.1
-77.5°	127.6	118.7	109.5	101.9	94.9	87.2	78.8	69.3	59.0	49.7	40.8
-80°	94.8	89.1	83.3	77.2	71.1	64.5	57.9	51.0	43.4	36.2	29.3
-82.5°	65.8	61.6	57.2	52.6	47.9	43.1	38.1	33.0	27.7	22.5	19.4
-85°	36.7	33.9	31.0	27.9	24.8	21.6	19.9	18.2	16.5	14.8	13.0
-87.5°	14.6	13.9	13.1	12.4	11.6	10.8	10.0	9.1	8.3	7.4	6.5
-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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Peachtree City, GA 30269

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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°	5.6	4.7	3.7	2.8	1.9	0.9	0.0
85°	11.2	9.3	7.5	5.6	3.8	1.9	0.0
82.5°	16.7	14.0	11.2	8.4	5.6	2.8	0.0
80°	22.7	18.6	14.9	11.2	7.5	3.7	0.0
77.5°	32.4	24.4	18.6	14.0	9.3	4.7	0.0
75°	41.9	32.4	22.7	16.7	11.2	5.6	0.0
72.5°	51.3	40.2	29.1	19.4	13.0	6.5	0.0
70°	60.9	48.0	35.3	22.5	14.8	7.4	0.0
67.5°	72.7	55.6	41.4	27.1	16.5	8.3	0.0
65°	84.3	64.2	47.4	31.6	18.2	9.1	0.0
62.5°	95.6	73.7	53.3	36.0	19.9	10.0	0.0
60°	106.7	83.0	59.1	40.4	21.6	10.8	0.0
57.5°	118.4	92.0	66.3	44.6	24.4	11.6	0.0
55°	129.8	100.8	73.3	48.7	27.1	12.4	0.0
52.5°	140.8	109.5	80.2	52.7	29.8	13.1	0.0
50°	151.3	118.2	86.8	56.6	32.4	13.9	0.0
47.5°	161.5	126.5	93.2	60.5	34.8	14.6	0.0
45°	171.5	134.4	99.3	65.1	37.2	15.3	0.0
42.5°	181.1	142.0	105.2	69.6	39.5	15.9	0.0
40°	190.2	149.1	110.9	73.7	41.7	16.5	0.0
37.5°	198.8	155.8	116.2	77.6	43.7	17.1	0.0
35°	207.0	162.4	121.3	81.2	45.7	17.7	0.0
32.5°	214.7	168.8	126.0	84.5	47.5	18.2	0.0
30°	222.1	174.7	130.3	87.6	49.3	18.7	0.0
27.5°	228.8	180.1	134.3	90.4	50.8	19.2	0.0
25°	234.8	185.1	137.9	92.9	52.3	19.6	0.0
22.5°	240.2	189.7	141.3	95.1	53.6	20.0	0.0
20°	244.9	193.6	144.4	97.0	54.8	20.3	0.0
17.5°	249.2	196.9	147.1	98.7	55.9	20.6	0.0
15°	253.2	199.7	149.6	100.1	56.8	20.9	0.0
12.5°	256.6	202.0	151.7	101.1	57.6	21.1	0.0
10°	259.4	203.6	153.4	102.0	58.2	21.3	0.0
7.5°	261.7	204.8	154.8	102.5	58.8	21.4	0.0
5°	263.3	205.4	155.8	102.8	59.1	21.5	0.0
2.5°	264.4	205.6	156.4	102.8	59.3	21.6	0.0
0°	264.7	205.2	156.6	102.6	59.4	21.6	0.0
-2.5°	264.4	205.6	156.4	102.8	59.3	21.6	0.0
-5°	263.3	205.4	155.8	102.8	59.1	21.5	0.0
-7.5°	261.7	204.8	154.8	102.5	58.8	21.4	0.0
-10°	259.4	203.6	153.4	102.0	58.2	21.3	0.0
-12.5°	256.6	202.0	151.7	101.1	57.6	21.1	0.0
-15°	253.2	199.7	149.6	100.1	56.8	20.9	0.0
-17.5°	249.2	196.9	147.1	98.7	55.9	20.6	0.0
-20°	244.9	193.6	144.4	97.0	54.8	20.3	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	240.2	189.7	141.3	95.1	53.6	20.0	0.0
-25°	234.8	185.1	137.9	92.9	52.3	19.6	0.0
-27.5°	228.8	180.1	134.3	90.4	50.8	19.2	0.0
-30°	222.1	174.7	130.3	87.6	49.3	18.7	0.0
-32.5°	214.7	168.8	126.0	84.5	47.5	18.2	0.0
-35°	207.0	162.4	121.3	81.2	45.7	17.7	0.0
-37.5°	198.8	155.8	116.2	77.6	43.7	17.1	0.0
-40°	190.2	149.1	110.9	73.7	41.7	16.5	0.0
-42.5°	181.1	142.0	105.2	69.6	39.5	15.9	0.0
-45°	171.5	134.4	99.3	65.1	37.2	15.3	0.0
-47.5°	161.5	126.5	93.2	60.5	34.8	14.6	0.0
-50°	151.3	118.2	86.8	56.6	32.4	13.9	0.0
-52.5°	140.8	109.5	80.2	52.7	29.8	13.1	0.0
-55°	129.8	100.8	73.3	48.7	27.1	12.4	0.0
-57.5°	118.4	92.0	66.3	44.6	24.4	11.6	0.0
-60°	106.7	83.0	59.1	40.4	21.6	10.8	0.0
-62.5°	95.6	73.7	53.3	36.0	19.9	10.0	0.0
-65°	84.3	64.2	47.4	31.6	18.2	9.1	0.0
-67.5°	72.7	55.6	41.4	27.1	16.5	8.3	0.0
-70°	60.9	48.0	35.3	22.5	14.8	7.4	0.0
-72.5°	51.3	40.2	29.1	19.4	13.0	6.5	0.0
-75°	41.9	32.4	22.7	16.7	11.2	5.6	0.0
-77.5°	32.4	24.4	18.6	14.0	9.3	4.7	0.0
-80°	22.7	18.6	14.9	11.2	7.5	3.7	0.0
-82.5°	16.7	14.0	11.2	8.4	5.6	2.8	0.0
-85°	11.2	9.3	7.5	5.6	3.8	1.9	0.0
-87.5°	5.6	4.7	3.7	2.8	1.9	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)