

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: P627918 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-727-U-NR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627918 (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-SA6D-727-U-NR-VSR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR  
Light Source: (96) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 37457.7 lumens  
Efficiency: N/A  
Efficacy: 114.9 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 3H x 3V  
Max Intensity: 379696.1 candela  
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V  
Beam Lumens: 11958.2 lumens  
Beam Efficiency: 31.9%

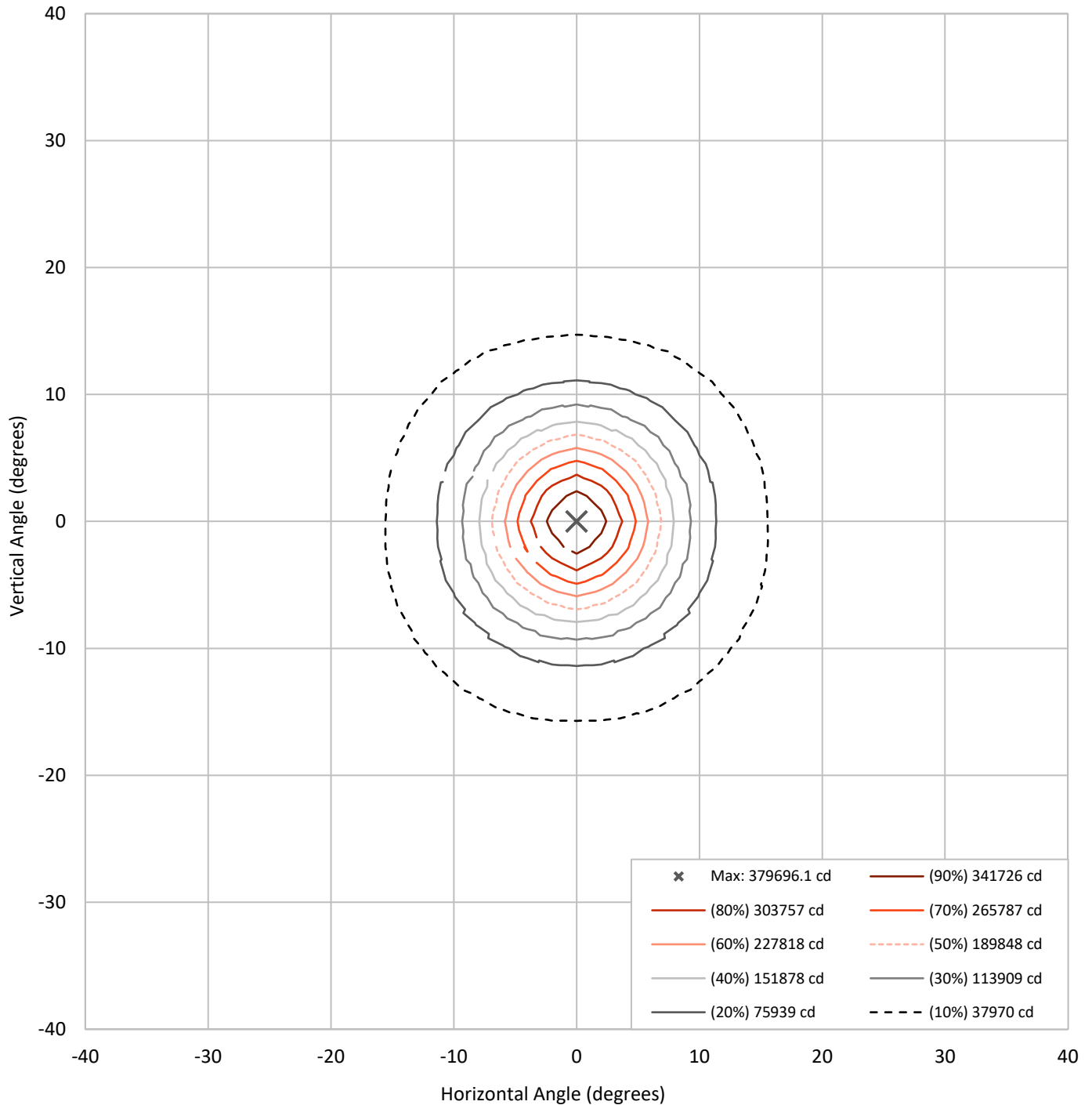
Field Angle (10%): 30.9°H x 30.2°V  
Field Lumens: 26634.8 lumens  
Field Efficiency: 71.1%

Input Watts (W): 325.9  
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



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### Iso-Candela Plot





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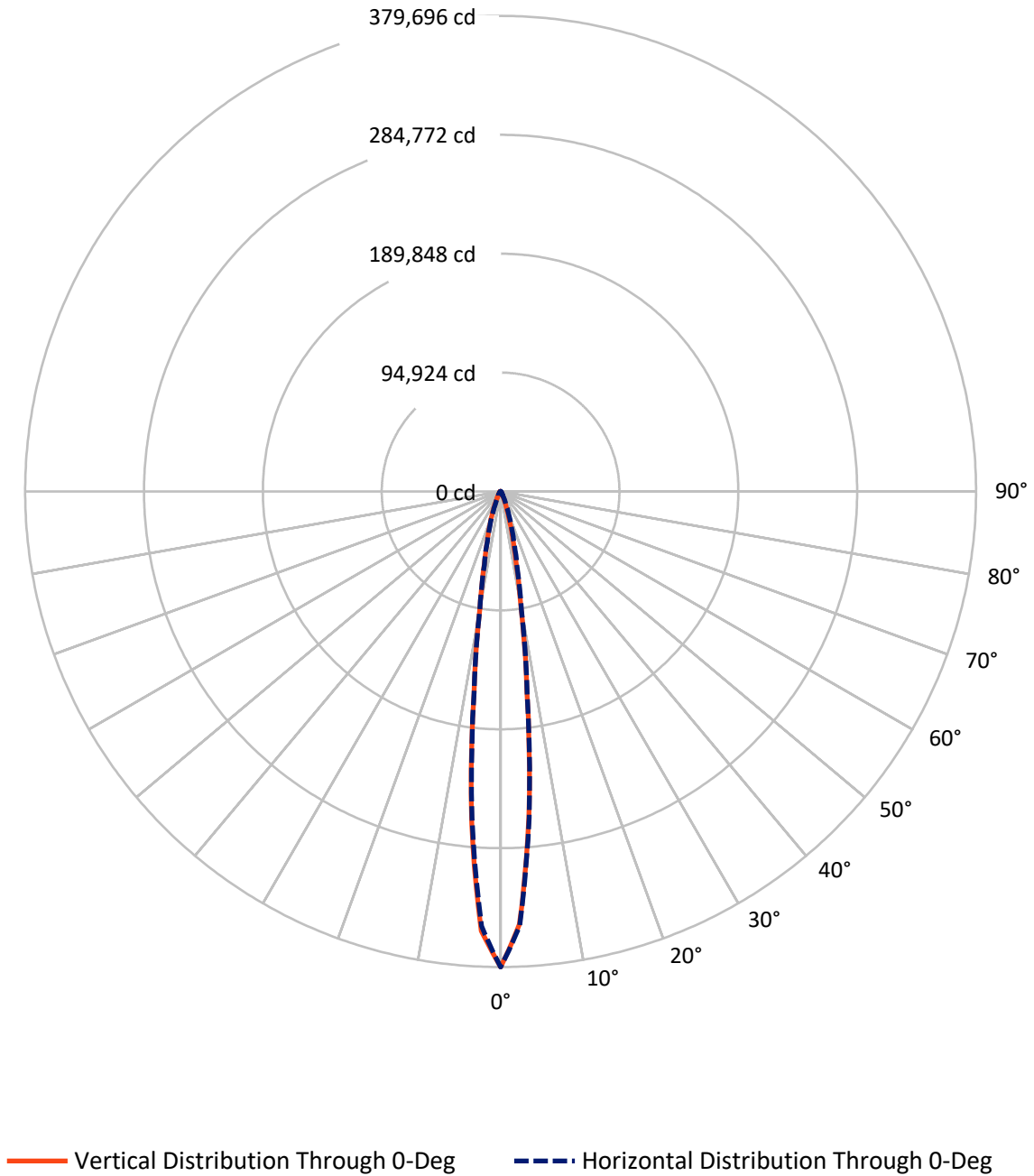
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### Lumen Table

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	0.9	2.1	3.3	4.4	5.3	5.3	4.4	3.3	2.1	0.9	0.3	0.1				
40	0.2	0.2	1.1	3.3	6.1	9.0	12.6	14.9	14.9	12.6	9.0	6.1	3.3	1.1	0.2	0.2			
30		0.5	2.6	6.4	11.3	17.9	30.5	38.8	38.8	30.5	17.9	11.3	6.4	2.6	0.5				
20	0.3	1.1	4.2	9.6	17.5	38.1	101.7	168.5	168.5	101.7	38.1	17.5	9.6	4.2	1.1	0.3			
10		1.6	5.7	13.3	29.0	113.9	480.2	1055.4	1055.4	480.2	113.9	29.0	13.3	5.7	1.6				
0	0.6	2.0	7.0	15.7	39.3	213.8	1150.6	5160.1	5160.1	1150.6	213.8	39.3	15.7	7.0	2.0	0.6			
-10		2.3	7.6	16.5	42.3	227.8	1190.9	5247.6	5247.6	1190.9	227.8	42.3	16.5	7.6	2.3				
-20	0.7	2.4	7.7	16.2	37.1	145.0	578.1	1236.5	1236.5	578.1	145.0	37.1	16.2	7.7	2.4	0.7			
-30		2.4	7.4	14.9	28.6	67.7	178.1	296.9	296.9	178.1	67.7	28.6	14.9	7.4	2.4				
-40	0.7	2.0	6.6	13.1	22.4	37.2	60.6	76.9	76.9	60.6	37.2	22.4	13.1	6.6	2.0	0.7			
-50		1.7	5.4	11.0	18.1	26.0	34.9	39.0	39.0	34.9	26.0	18.1	11.0	5.4	1.7				
-60	0.4	1.3	4.1	8.6	14.3	20.0	25.2	27.6	27.6	25.2	20.0	14.3	8.6	4.1	1.3	0.4			
-70		0.8	2.5	5.6	9.6	13.9	17.6	19.3	19.3	17.6	13.9	9.6	5.6	2.5	0.8				
-80	0.2	2.3		9.4		20.7		26.2		20.7		9.4		2.3		0.2			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

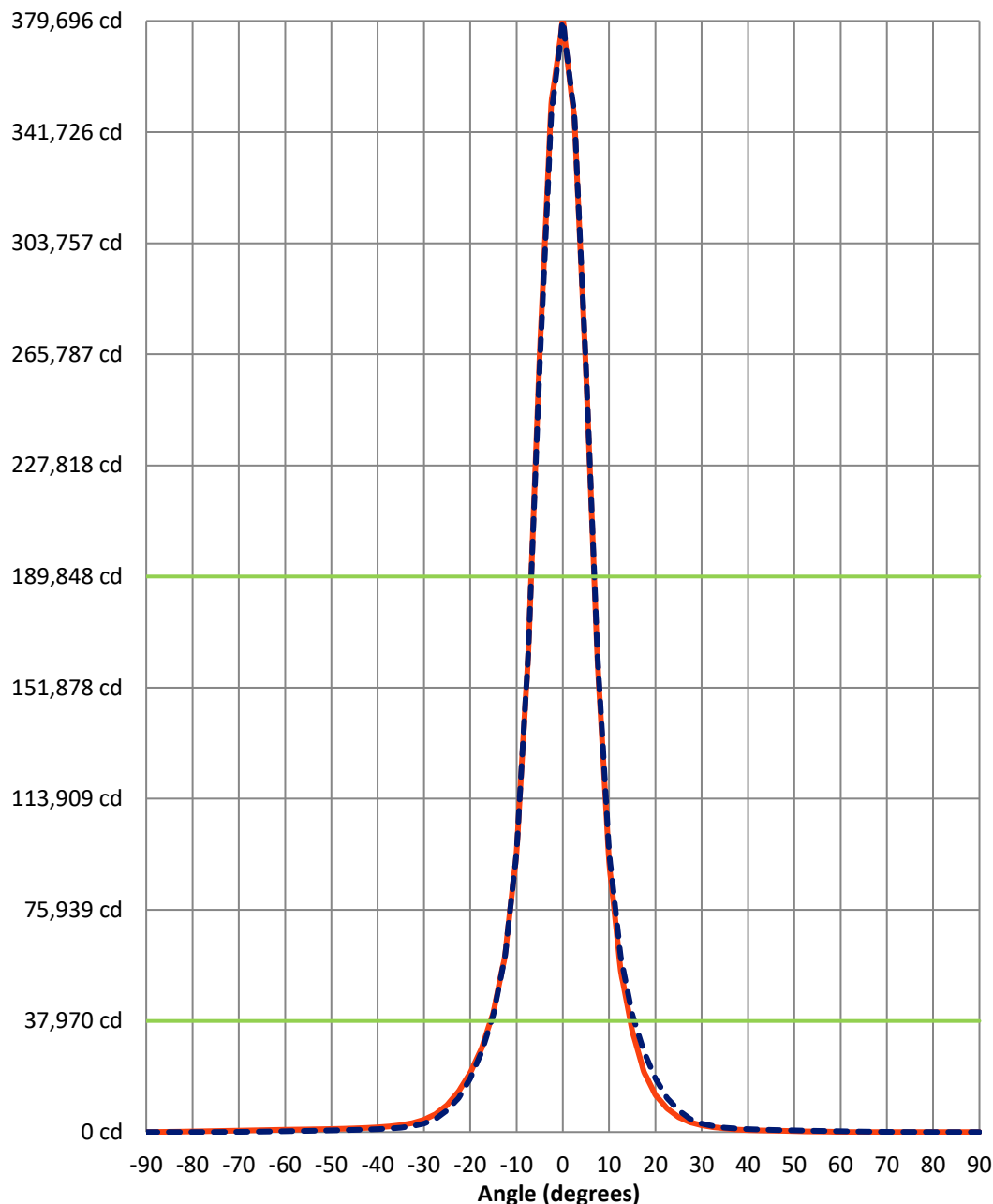
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.6°  
 V Angle: 13.6°  
 Lumens: 11958.2  
 Efficiency: 31.9%

**Field:**  
 H Angle: 30.9°  
 V Angle: 30.2°  
 Lumens: 26634.8  
 Efficiency: 71.1%

**Spill:**  
 Lumens: 10822.9  
 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	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.9	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0
75°	0.0	1.1	0.1	0.0	0.1	0.7	0.2	0.0	0.1	0.7	0.3
72.5°	0.0	1.3	0.2	0.0	0.9	1.2	0.4	0.5	1.7	1.8	0.8
70°	0.0	1.5	0.3	0.1	1.6	1.8	0.9	2.5	3.4	3.0	1.1
67.5°	0.0	1.6	0.5	0.9	2.4	2.5	2.8	4.5	5.1	3.2	1.4
65°	0.0	1.8	0.6	1.7	3.2	3.4	4.6	6.7	5.4	3.5	2.4
62.5°	0.0	2.1	0.8	2.5	4.1	4.5	6.3	7.5	5.7	4.2	5.0
60°	0.0	2.3	1.1	3.4	5.0	5.6	7.8	7.8	6.0	5.8	7.3
57.5°	0.0	2.5	1.7	4.2	5.6	6.5	8.0	8.0	6.7	7.1	8.0
55°	0.0	2.7	2.4	5.1	6.2	7.4	8.0	8.0	7.4	8.0	8.0
52.5°	0.0	2.9	3.0	6.0	6.6	8.0	8.0	8.0	7.8	8.0	8.0
50°	0.0	3.2	3.6	6.8	7.1	8.0	8.0	8.0	8.0	8.0	9.3
47.5°	0.0	3.4	4.2	7.6	7.4	8.0	8.0	8.0	8.0	8.0	11.1
45°	0.0	3.7	4.7	7.8	7.7	8.0	8.0	8.0	8.3	10.0	13.2
42.5°	0.0	3.9	5.2	7.9	7.9	8.0	8.0	8.3	8.8	12.2	17.8
40°	0.0	4.2	5.6	8.0	8.0	8.0	8.0	8.9	10.2	14.8	22.9
37.5°	0.0	4.4	6.0	8.0	8.0	8.0	8.0	9.7	13.0	18.6	28.2
35°	0.0	4.7	6.3	8.0	8.0	8.0	8.0	10.7	16.0	23.6	34.6
32.5°	0.0	4.9	6.6	8.0	8.0	8.0	8.2	11.8	19.1	28.5	42.9
30°	0.0	5.2	6.9	8.0	8.0	8.0	9.1	13.4	22.3	33.3	52.0
27.5°	0.0	5.5	7.2	8.0	8.0	8.0	10.0	16.0	25.9	37.8	61.7
25°	0.0	5.7	7.4	8.0	8.0	8.0	11.0	18.6	29.7	44.5	72.1
22.5°	0.0	6.0	7.5	8.0	8.0	8.1	12.0	21.1	33.3	52.6	84.4
20°	0.0	6.2	7.7	8.0	8.0	8.7	13.0	23.7	36.8	60.8	95.7
17.5°	0.0	6.5	7.8	8.0	8.0	9.5	14.4	26.2	40.0	69.1	106.1
15°	0.0	6.7	7.9	8.0	8.0	10.3	16.1	28.7	43.0	77.2	115.4
12.5°	0.0	7.0	7.9	8.0	8.0	11.2	17.6	31.1	47.1	85.1	123.8
10°	0.0	7.2	8.0	8.0	8.0	12.2	19.1	33.4	52.3	92.5	131.3
7.5°	0.0	7.4	8.0	8.0	8.0	13.2	20.5	35.4	57.5	98.9	137.8
5°	0.0	7.6	8.0	8.0	8.0	14.2	21.8	37.2	62.7	104.3	143.6
2.5°	0.0	7.8	8.0	8.0	8.0	15.2	23.0	38.8	67.7	108.8	148.5
0°	0.0	8.0	8.0	8.0	8.0	16.1	24.1	40.2	72.3	112.5	152.7
-2.5°	0.0	8.0	8.0	8.0	8.7	16.9	26.2	42.6	76.4	115.5	157.9
-5°	0.0	8.0	8.0	8.0	9.4	17.7	28.2	44.8	79.9	117.8	162.1
-7.5°	0.0	7.9	8.0	8.0	10.1	18.4	30.0	46.8	82.8	119.6	165.3
-10°	0.0	7.9	8.0	8.0	10.7	19.0	31.5	48.5	84.9	120.9	167.3
-12.5°	0.0	7.8	8.0	8.0	11.2	19.5	32.8	50.0	86.3	122.1	170.4
-15°	0.0	7.7	8.0	8.0	11.7	20.0	33.9	51.3	86.6	124.5	173.3
-17.5°	0.0	7.6	8.0	8.0	12.0	20.3	34.5	52.5	86.0	125.8	174.7
-20°	0.0	7.5	8.0	8.0	12.2	20.6	35.0	53.5	84.7	125.8	174.4

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CATALOG NUMBER: GFLD-SA6D-727-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	7.4	8.0	8.0	12.3	20.8	35.4	54.2	82.8	124.3	172.4
-25°	0.0	7.3	8.0	8.0	12.3	21.3	35.7	54.4	80.3	121.4	168.6
-27.5°	0.0	7.1	8.0	8.0	12.1	21.8	35.7	54.3	77.1	117.3	165.0
-30°	0.0	6.9	8.0	8.0	11.8	22.2	35.5	53.6	75.4	113.0	159.5
-32.5°	0.0	6.7	8.0	8.0	11.8	22.4	35.1	53.0	74.5	107.9	151.9
-35°	0.0	6.6	8.0	8.0	11.6	22.3	35.0	52.3	72.9	102.2	142.2
-37.5°	0.0	6.3	8.0	8.0	11.3	22.1	34.8	51.3	70.8	95.8	136.7
-40°	0.0	6.1	8.0	8.0	10.9	21.7	34.4	50.1	68.1	91.7	131.7
-42.5°	0.0	5.9	8.0	8.1	10.8	21.0	33.7	48.7	66.0	89.8	125.5
-45°	0.0	5.7	8.0	8.3	11.1	20.1	32.7	47.2	64.0	87.1	118.6
-47.5°	0.0	5.4	8.0	8.5	11.3	19.1	31.3	45.6	61.9	83.3	114.1
-50°	0.0	5.1	8.0	8.6	11.4	17.8	29.7	43.6	59.6	80.2	108.2
-52.5°	0.0	4.9	8.0	8.6	11.4	16.4	27.9	41.3	56.6	75.8	101.1
-55°	0.0	4.6	8.0	8.7	11.3	15.9	25.7	38.5	53.2	70.1	93.8
-57.5°	0.0	4.3	8.0	8.7	11.2	15.5	23.3	35.4	49.4	65.0	85.0
-60°	0.0	4.0	8.0	8.6	11.0	15.0	20.8	32.0	45.1	59.8	76.1
-62.5°	0.0	3.7	7.4	8.5	10.6	14.4	19.8	28.3	40.4	54.1	69.3
-65°	0.0	3.4	6.8	8.4	10.3	13.7	18.5	24.9	35.4	47.9	61.9
-67.5°	0.0	3.1	6.1	8.2	9.8	12.8	17.2	22.9	30.0	41.3	53.9
-70°	0.0	2.7	5.5	8.0	9.3	11.8	15.6	20.6	26.9	34.4	45.5
-72.5°	0.0	2.4	4.8	7.2	8.7	10.8	13.9	18.2	23.5	29.9	37.3
-75°	0.0	2.1	4.1	6.2	8.1	9.6	12.1	15.9	20.0	25.2	31.4
-77.5°	0.0	1.7	3.5	5.2	6.9	8.4	10.2	13.7	17.3	20.9	25.2
-80°	0.0	1.4	2.8	4.2	5.5	6.9	8.2	11.4	14.7	18.0	21.3
-82.5°	0.0	1.0	2.1	3.1	4.2	5.2	6.2	8.9	12.1	15.1	18.1
-85°	0.0	0.7	1.4	2.1	2.8	3.5	4.1	6.0	8.2	10.7	13.5
-87.5°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	3.0	4.1	5.4	6.8
-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	0.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.5	2.3	2.7	1.7	0.0	0.0	0.0	0.5	0.0	0.0	0.0
65°	3.9	5.2	4.0	2.1	0.1	1.9	2.7	2.1	0.3	0.0	0.0
62.5°	7.4	6.3	4.4	3.3	4.5	6.0	4.7	2.7	0.7	3.9	5.6
60°	8.0	6.7	5.6	6.3	8.1	7.2	5.3	7.8	11.8	14.8	18.0
57.5°	8.0	7.4	7.3	8.6	9.1	9.1	14.1	18.9	26.7	33.2	37.6
55°	8.2	7.9	9.1	10.9	13.5	19.2	26.3	37.0	45.7	58.9	70.2
52.5°	9.1	9.1	12.2	16.5	24.3	33.2	45.7	60.9	78.0	91.0	104.6
50°	10.4	13.4	17.2	27.6	38.3	52.3	72.8	94.9	109.4	124.0	143.5
47.5°	14.3	18.2	28.3	40.3	55.9	78.1	106.3	122.3	136.6	159.4	183.7
45°	19.3	27.4	39.8	56.4	77.9	109.0	131.2	144.3	169.0	195.5	223.3
42.5°	24.6	37.8	54.6	72.2	106.0	135.6	155.7	176.4	201.4	232.3	262.4
40°	33.4	48.0	70.9	98.5	132.9	161.7	187.0	210.7	235.3	275.7	307.8
37.5°	42.4	63.6	89.5	123.8	159.5	191.0	219.2	249.0	284.1	329.7	358.6
35°	51.0	79.7	111.4	147.9	185.8	221.5	255.3	290.2	335.8	378.9	413.4
32.5°	63.2	96.3	131.9	171.3	210.4	250.8	291.9	333.6	378.4	422.5	467.7
30°	78.5	113.9	151.5	193.7	233.1	279.8	327.3	371.5	416.7	463.1	514.2
27.5°	93.8	130.4	171.0	213.7	254.9	308.2	359.5	405.6	451.9	501.9	560.2
25°	108.0	147.0	189.5	231.5	280.0	337.0	393.2	446.6	485.8	542.8	610.8
22.5°	121.6	163.2	208.9	247.6	304.1	366.2	431.6	489.0	535.4	586.3	663.4
20°	135.2	179.9	227.0	270.4	328.3	395.1	472.7	531.8	589.5	654.9	733.7
17.5°	148.1	195.5	244.9	296.4	357.6	426.7	514.8	575.0	643.9	722.3	821.6
15°	160.2	209.9	262.9	320.7	383.9	458.4	543.4	618.6	700.9	791.4	908.8
12.5°	171.6	223.0	280.6	343.2	407.2	485.7	567.3	647.3	742.0	860.4	1008.1
10°	182.1	234.9	297.8	363.8	427.4	508.7	588.4	671.7	771.6	901.7	1070.7
7.5°	190.7	246.9	314.1	382.5	444.8	527.7	606.6	691.8	796.4	935.8	1112.8
5°	198.1	259.6	329.2	394.5	459.3	544.0	621.9	707.7	816.1	962.4	1143.0
2.5°	204.2	271.2	342.4	403.3	471.8	558.9	634.1	725.3	836.1	983.1	1171.2
0°	209.0	281.3	353.6	409.9	482.2	570.6	643.0	739.4	851.9	996.6	1197.5
-2.5°	218.7	289.7	360.3	417.5	493.3	572.6	648.8	741.4	857.9	1007.1	1202.4
-5°	226.9	296.4	365.2	423.3	501.6	572.4	651.3	739.7	860.0	1013.0	1211.2
-7.5°	233.2	301.6	368.4	427.8	506.1	575.0	654.9	745.4	866.2	1018.5	1222.5
-10°	237.2	305.3	371.1	433.5	507.2	577.7	656.3	746.7	865.2	1015.0	1216.3
-12.5°	239.4	307.5	372.4	436.7	506.9	577.5	654.4	743.2	856.3	1002.3	1191.4
-15°	240.1	308.3	372.2	437.0	505.6	574.1	649.2	734.8	840.4	980.8	1152.4
-17.5°	239.3	307.9	370.7	434.4	503.8	567.4	641.2	723.4	824.2	955.4	1120.8
-20°	237.3	306.2	367.9	428.6	501.1	561.3	633.2	712.6	807.4	926.3	1074.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627918 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-727-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°	234.0	303.4	363.9	422.7	492.2	555.6	622.8	698.5	783.5	891.0	1022.3
-25°	230.1	297.7	358.8	418.2	482.1	546.9	609.7	681.6	759.7	863.0	981.2
-27.5°	224.9	290.8	351.8	411.9	471.3	535.1	596.5	664.4	741.7	832.9	938.5
-30°	217.5	281.0	342.1	403.3	461.9	521.9	581.1	645.9	718.7	804.7	902.2
-32.5°	208.1	270.1	329.9	390.4	451.4	508.6	564.3	626.6	694.9	770.3	863.1
-35°	198.6	258.3	316.6	374.3	438.6	493.7	547.4	604.5	668.1	738.2	813.8
-37.5°	189.7	245.6	302.5	357.0	417.9	475.3	527.6	581.8	640.6	704.8	773.5
-40°	180.0	232.2	287.7	340.8	394.1	452.8	504.9	557.3	611.6	676.0	737.1
-42.5°	170.1	220.7	272.1	324.2	375.1	427.5	479.6	529.8	587.1	648.2	708.0
-45°	161.7	208.8	256.4	307.0	357.3	404.6	453.5	500.4	558.6	619.6	678.2
-47.5°	152.0	196.6	242.8	288.6	337.9	385.3	429.1	476.6	526.2	583.7	645.2
-50°	141.9	184.1	226.8	270.0	316.7	364.0	408.5	452.4	499.1	546.5	599.5
-52.5°	133.3	170.2	209.7	249.4	293.6	339.9	384.8	428.7	471.7	516.2	561.5
-55°	123.2	157.0	191.9	228.9	267.7	312.0	356.7	399.4	443.3	484.9	529.2
-57.5°	111.9	142.2	174.0	208.8	244.0	280.4	323.7	366.2	407.4	449.5	495.2
-60°	99.1	126.2	155.1	187.1	221.4	254.8	289.8	329.3	369.1	408.9	451.2
-62.5°	85.9	109.4	135.5	163.4	194.9	227.6	259.7	293.4	329.2	363.8	400.4
-65°	77.1	93.7	115.6	140.4	166.3	195.6	225.9	256.9	288.5	317.9	346.1
-67.5°	67.7	82.7	98.8	117.2	140.7	165.3	189.6	217.4	245.6	272.7	299.0
-70°	57.8	71.0	85.3	100.6	117.3	137.5	160.2	182.4	204.2	226.8	251.3
-72.5°	47.3	58.8	71.3	84.5	98.8	114.7	132.2	151.1	170.5	189.2	208.3
-75°	38.8	46.5	56.6	67.8	80.1	92.7	105.3	120.3	136.7	153.1	169.2
-77.5°	32.0	39.0	46.0	52.9	61.6	73.1	84.4	95.5	106.9	119.3	132.6
-80°	26.0	31.5	37.8	44.2	50.2	57.1	64.9	73.7	81.7	90.0	99.0
-82.5°	21.7	25.8	30.4	35.3	38.8	42.5	46.7	51.8	57.1	62.7	68.4
-85°	16.6	20.0	23.1	26.4	28.0	29.8	31.8	34.0	37.4	40.8	44.2
-87.5°	8.3	10.0	11.9	13.8	14.7	15.5	16.3	17.0	19.2	21.5	23.9
-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: P627918 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-727-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°	0.4	0.1	0.0	0.0	0.1	1.5	2.0	1.7	0.7	0.0	0.0
62.5°	4.7	3.9	6.2	8.3	9.1	8.9	8.2	7.3	6.2	5.7	6.6
60°	19.3	18.9	26.4	30.0	27.3	19.2	30.3	35.7	34.3	29.4	29.2
57.5°	47.2	57.3	64.7	67.9	78.6	95.8	99.0	93.3	91.3	93.2	107.7
55°	81.8	89.9	94.2	108.8	121.7	131.1	136.6	142.2	150.4	160.5	170.9
52.5°	115.6	126.8	135.5	148.5	164.0	169.4	167.9	187.8	203.3	213.3	217.3
50°	158.7	172.8	192.8	213.2	222.1	230.8	239.9	256.2	280.0	309.6	326.6
47.5°	205.2	227.4	248.3	271.7	283.5	292.7	306.4	334.8	368.7	400.5	417.2
45°	247.1	266.8	290.8	311.0	325.6	343.4	363.1	388.8	426.7	460.0	483.0
42.5°	280.8	303.0	327.7	352.1	366.8	390.8	420.8	455.8	495.5	530.1	555.7
40°	328.0	346.8	386.1	409.2	415.1	437.5	497.6	545.3	590.2	632.8	654.1
37.5°	385.0	421.6	462.4	483.5	504.2	543.7	624.1	701.3	758.4	816.2	847.7
35°	449.6	497.8	553.4	578.3	622.7	708.8	803.3	910.6	1044.2	1100.2	1151.2
32.5°	512.5	566.4	617.7	673.5	751.2	854.1	960.5	1134.6	1297.2	1423.0	1515.0
30°	568.3	625.5	689.1	761.0	870.4	1012.1	1190.0	1415.2	1644.3	1844.3	2013.5
27.5°	623.5	688.5	764.2	871.3	1025.3	1217.8	1501.7	1823.0	2205.5	2487.3	2823.8
25°	683.9	758.3	855.4	1010.7	1218.6	1506.3	1960.2	2482.0	3109.1	3617.6	4149.8
22.5°	755.4	865.2	988.4	1161.6	1524.5	1998.7	2618.8	3510.6	4475.3	5367.3	6226.3
20°	841.9	991.9	1189.7	1508.5	1974.4	2675.5	3752.9	5176.1	6594.9	8106.0	9560.6
17.5°	965.2	1181.4	1488.7	1942.5	2556.6	3943.2	5691.4	7892.6	10720.7	13283.5	15521.1
15°	1080.9	1339.2	1824.5	2502.7	3573.9	5411.8	8067.0	11700.2	16107.6	20124.4	24366.9
12.5°	1202.3	1507.4	2064.7	2928.3	4416.7	6809.3	10540.7	15518.9	21037.7	27091.5	33987.0
10°	1298.5	1669.0	2336.2	3431.2	5265.9	8245.3	12689.9	18727.4	26061.2	35020.3	46043.3
7.5°	1363.5	1798.4	2560.4	3799.3	6047.7	9714.0	15064.4	22321.3	31489.7	43358.7	58782.8
5°	1414.2	1897.2	2729.1	4135.0	6709.0	10835.1	16823.7	25468.4	36314.2	52216.5	78355.9
2.5°	1454.9	1972.9	2833.3	4366.1	7124.1	11615.7	18004.0	27248.9	39186.0	58765.4	92677.7
0°	1486.8	2041.4	2901.3	4508.7	7442.2	11693.7	18372.4	27574.7	40216.7	59947.4	95759.9
-2.5°	1500.4	2078.0	2924.7	4540.0	7410.4	11827.8	18484.8	27834.9	40178.0	59299.7	92317.5
-5°	1523.0	2077.4	2907.1	4508.1	7244.2	11481.2	17750.7	26378.5	37754.1	54199.6	81250.5
-7.5°	1539.2	2044.3	2822.9	4303.8	6809.3	10732.2	16460.8	23965.5	33342.5	45829.2	62582.7
-10°	1524.3	1980.7	2682.6	3961.1	6133.2	9530.5	14499.3	20780.0	28573.2	37826.9	49209.6
-12.5°	1467.0	1863.3	2453.6	3481.2	5257.5	8184.5	12525.8	17873.4	23641.5	30140.4	38006.0
-15°	1394.5	1736.7	2247.3	3152.0	4608.3	6850.3	10019.8	14358.0	18985.1	23919.4	29181.2
-17.5°	1338.0	1625.6	2048.4	2703.3	3774.5	5557.2	8047.8	11129.6	14530.0	18286.8	21404.8
-20°	1261.5	1488.8	1843.7	2378.5	3195.8	4376.9	6190.9	8429.8	10673.7	13315.0	15469.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627918 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-727-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°	1184.9	1383.0	1653.0	2044.4	2652.5	3544.8	4665.6	6160.5	7801.4	9317.5	10809.9
-25°	1113.9	1266.4	1484.8	1805.9	2218.4	2827.4	3625.1	4482.7	5564.2	6487.1	7511.3
-27.5°	1056.3	1187.3	1348.5	1583.9	1904.0	2295.7	2866.9	3441.6	4010.3	4476.1	5181.2
-30°	1000.7	1106.2	1241.0	1408.8	1648.8	1950.7	2321.4	2694.2	3022.5	3321.9	3689.1
-32.5°	946.2	1032.0	1135.4	1274.7	1446.9	1673.8	1901.7	2168.8	2397.0	2607.6	2802.4
-35°	891.6	967.9	1046.7	1164.1	1301.5	1462.6	1628.3	1809.3	1967.3	2109.1	2234.5
-37.5°	842.2	909.3	983.3	1070.8	1181.4	1302.8	1438.1	1569.5	1673.9	1765.9	1842.0
-40°	800.5	861.5	924.9	995.0	1079.2	1174.9	1289.8	1399.4	1472.4	1528.6	1574.8
-42.5°	763.3	817.0	871.0	930.5	995.1	1078.0	1168.7	1259.2	1308.7	1352.2	1385.6
-45°	733.4	774.6	820.1	870.8	928.1	997.5	1068.8	1131.4	1175.4	1212.8	1240.7
-47.5°	693.9	733.6	773.0	814.9	868.2	926.1	985.0	1033.2	1071.6	1104.2	1125.5
-50°	650.4	692.2	728.2	765.1	814.2	863.2	910.7	950.4	987.2	1019.1	1035.9
-52.5°	605.5	650.3	688.1	724.0	765.2	808.0	850.8	884.8	917.0	947.1	959.8
-55°	573.0	614.3	653.4	687.2	721.2	755.4	790.4	825.7	857.4	886.0	894.5
-57.5°	538.0	580.1	618.7	649.1	679.7	710.6	742.6	774.5	805.1	832.5	839.5
-60°	495.2	540.8	575.2	603.9	633.7	664.2	692.0	720.4	749.0	772.9	780.6
-62.5°	440.9	482.5	516.4	546.6	575.3	601.9	629.0	655.5	681.2	700.1	706.3
-65°	375.9	411.2	446.1	477.7	506.1	531.7	556.7	580.9	604.2	620.9	629.2
-67.5°	324.5	349.9	378.0	405.2	433.7	460.1	482.6	503.9	523.9	538.0	546.8
-70°	275.0	299.2	325.5	351.4	376.2	397.6	415.6	433.2	450.2	462.7	472.1
-72.5°	227.6	248.1	270.1	292.9	315.6	335.0	351.5	367.1	381.8	392.5	401.2
-75°	184.9	201.8	220.3	238.8	257.2	272.5	286.3	299.8	312.9	322.3	330.3
-77.5°	146.7	161.0	175.5	190.0	204.4	215.6	225.7	235.7	245.3	252.8	259.6
-80°	108.7	119.9	131.5	143.0	154.6	163.0	170.7	177.9	184.8	189.2	193.1
-82.5°	74.3	82.1	90.2	98.4	106.5	112.8	118.9	124.8	130.6	132.7	134.2
-85°	47.4	51.3	55.5	60.0	64.6	68.1	71.4	74.6	77.6	80.4	83.0
-87.5°	26.3	27.1	27.8	28.5	29.1	31.5	34.0	36.4	38.8	39.2	39.6
-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: P627918 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-727-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	0.7	1.7
62.5°	7.2	7.6	7.9	8.0	7.9	7.6	7.2	6.6	5.7	6.2	7.3
60°	27.5	24.5	23.9	24.1	23.9	24.5	27.5	29.2	29.4	34.3	35.7
57.5°	122.3	136.0	139.8	136.6	139.8	136.0	122.3	107.7	93.2	91.3	93.3
55°	177.9	182.2	184.1	184.8	184.1	182.2	177.9	170.9	160.5	150.4	142.2
52.5°	218.2	216.8	216.5	217.0	216.5	216.8	218.2	217.3	213.3	203.3	187.8
50°	327.9	321.9	319.6	321.5	319.6	321.9	327.9	326.6	309.6	280.0	256.2
47.5°	419.2	421.1	423.9	426.0	423.9	421.1	419.2	417.2	400.5	368.7	334.8
45°	489.5	493.8	496.7	498.3	496.7	493.8	489.5	483.0	460.0	426.7	388.8
42.5°	561.4	561.9	561.1	562.6	561.1	561.9	561.4	555.7	530.1	495.5	455.8
40°	662.7	664.9	662.6	659.0	662.6	664.9	662.7	654.1	632.8	590.2	545.3
37.5°	866.1	869.1	859.4	851.9	859.4	869.1	866.1	847.7	816.2	758.4	701.3
35°	1197.8	1232.1	1248.5	1253.8	1248.5	1232.1	1197.8	1151.2	1100.2	1044.2	910.6
32.5°	1578.6	1626.4	1650.4	1671.7	1650.4	1626.4	1578.6	1515.0	1423.0	1297.2	1134.6
30°	2124.4	2212.5	2251.4	2306.6	2251.4	2212.5	2124.4	2013.5	1844.3	1644.3	1415.2
27.5°	3014.8	3169.8	3255.6	3335.3	3255.6	3169.8	3014.8	2823.8	2487.3	2205.5	1823.0
25°	4536.5	4835.1	5028.3	5119.5	5028.3	4835.1	4536.5	4149.8	3617.6	3109.1	2482.0
22.5°	7057.4	7607.7	8032.3	8117.3	8032.3	7607.7	7057.4	6226.3	5367.3	4475.3	3510.6
20°	10971.8	11759.3	12399.8	12722.4	12399.8	11759.3	10971.8	9560.6	8106.0	6594.9	5176.1
17.5°	18186.2	19824.1	20572.2	20695.1	20572.2	19824.1	18186.2	15521.1	13283.5	10720.7	7892.6
15°	28919.0	31690.5	33449.9	34582.9	33449.9	31690.5	28919.0	24366.9	20124.4	16107.6	11700.2
12.5°	41164.9	49040.1	53521.2	55229.7	53521.2	49040.1	41164.9	33987.0	27091.5	21037.7	15518.9
10°	57785.3	76324.7	87019.0	92400.4	87019.0	76324.7	57785.3	46043.3	35020.3	26061.2	18727.4
7.5°	85994.0	114628.4	146354.0	161031.7	146354.0	114628.4	85994.0	58782.8	43358.7	31489.7	22321.3
5°	115648.1	178517.5	233698.5	260122.8	233698.5	178517.5	115648.1	78355.9	52216.5	36314.2	25468.4
2.5°	149730.8	234516.2	312907.1	345868.7	312907.1	234516.2	149730.8	92677.7	58765.4	39186.0	27248.9
0°	162848.0	261609.7	347343.4	379696.1	347343.4	261609.7	162848.0	95759.9	59947.4	40216.7	27574.7
-2.5°	151758.6	238623.7	314253.9	351221.3	314253.9	238623.7	151758.6	92317.5	59299.7	40178.0	27834.9
-5°	120580.1	179501.5	235512.9	265636.2	235512.9	179501.5	120580.1	81250.5	54199.6	37754.1	26378.5
-7.5°	88498.3	120574.4	151681.2	162558.7	151681.2	120574.4	88498.3	62582.7	45829.2	33342.5	23965.5
-10°	61614.3	79982.2	92107.0	95567.0	92107.0	79982.2	61614.3	49209.6	37826.9	28573.2	20780.0
-12.5°	45680.8	53714.9	59304.9	60276.9	59304.9	53714.9	45680.8	38006.0	30140.4	23641.5	17873.4
-15°	33825.5	37911.1	40794.2	40988.3	40794.2	37911.1	33825.5	29181.2	23919.4	18985.1	14358.0
-17.5°	24726.6	27469.0	28924.0	28820.4	28924.0	27469.0	24726.6	21404.8	18286.8	14530.0	11129.6
-20°	17680.9	19334.0	20506.4	20277.1	20506.4	19334.0	17680.9	15469.0	13315.0	10673.7	8429.8



REPORT NUMBER: P627918 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-727-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°	12328.4	13425.8	14112.7	13936.0	14112.7	13425.8	12328.4	10809.9	9317.5	7801.4	6160.5
-25°	8377.0	8974.9	9315.1	9258.5	9315.1	8974.9	8377.0	7511.3	6487.1	5564.2	4482.7
-27.5°	5708.4	6024.2	6129.7	6124.1	6129.7	6024.2	5708.4	5181.2	4476.1	4010.3	3441.6
-30°	3962.1	4174.4	4295.7	4219.4	4295.7	4174.4	3962.1	3689.1	3321.9	3022.5	2694.2
-32.5°	2953.0	3072.7	3142.0	3070.1	3142.0	3072.7	2953.0	2802.4	2607.6	2397.0	2168.8
-35°	2327.2	2387.8	2412.2	2370.9	2412.2	2387.8	2327.2	2234.5	2109.1	1967.3	1809.3
-37.5°	1897.4	1932.9	1944.9	1920.8	1944.9	1932.9	1897.4	1842.0	1765.9	1673.9	1569.5
-40°	1607.7	1629.5	1634.9	1615.4	1634.9	1629.5	1607.7	1574.8	1528.6	1472.4	1399.4
-42.5°	1406.7	1419.7	1422.8	1414.5	1422.8	1419.7	1406.7	1385.6	1352.2	1308.7	1259.2
-45°	1257.2	1268.3	1270.4	1261.8	1270.4	1268.3	1257.2	1240.7	1212.8	1175.4	1131.4
-47.5°	1136.1	1143.0	1144.8	1141.2	1144.8	1143.0	1136.1	1125.5	1104.2	1071.6	1033.2
-50°	1043.5	1048.2	1048.6	1044.8	1048.6	1048.2	1043.5	1035.9	1019.1	987.2	950.4
-52.5°	965.9	969.2	971.4	972.5	971.4	969.2	965.9	959.8	947.1	917.0	884.8
-55°	900.5	904.8	907.3	908.2	907.3	904.8	900.5	894.5	886.0	857.4	825.7
-57.5°	844.9	848.8	851.1	851.9	851.1	848.8	844.9	839.5	832.5	805.1	774.5
-60°	786.9	791.7	794.7	795.7	794.7	791.7	786.9	780.6	772.9	749.0	720.4
-62.5°	710.4	712.5	714.5	715.3	714.5	712.5	710.4	706.3	700.1	681.2	655.5
-65°	635.4	639.7	642.2	643.0	642.2	639.7	635.4	629.2	620.9	604.2	580.9
-67.5°	554.0	559.6	565.6	570.6	565.6	559.6	554.0	546.8	538.0	523.9	503.9
-70°	480.3	487.5	489.8	490.3	489.8	487.5	480.3	472.1	462.7	450.2	433.2
-72.5°	408.8	415.5	421.2	426.0	421.2	415.5	408.8	401.2	392.5	381.8	367.1
-75°	337.4	343.6	345.2	345.6	345.2	343.6	337.4	330.3	322.3	312.9	299.8
-77.5°	265.9	271.7	273.0	273.3	273.0	271.7	265.9	259.6	252.8	245.3	235.7
-80°	196.7	199.9	204.6	209.0	204.6	199.9	196.7	193.1	189.2	184.8	177.9
-82.5°	135.3	136.0	136.5	136.6	136.5	136.0	135.3	134.2	132.7	130.6	124.8
-85°	85.6	88.0	88.3	88.4	88.3	88.0	85.6	83.0	80.4	77.6	74.6
-87.5°	39.9	40.0	40.2	40.2	40.2	40.0	39.9	39.6	39.2	38.8	36.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**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	0.5
65°	2.0	1.5	0.1	0.0	0.0	0.1	0.4	0.0	0.0	0.3	2.1
62.5°	8.2	8.9	9.1	8.3	6.2	3.9	4.7	5.6	3.9	0.7	2.7
60°	30.3	19.2	27.3	30.0	26.4	18.9	19.3	18.0	14.8	11.8	7.8
57.5°	99.0	95.8	78.6	67.9	64.7	57.3	47.2	37.6	33.2	26.7	18.9
55°	136.6	131.1	121.7	108.8	94.2	89.9	81.8	70.2	58.9	45.7	37.0
52.5°	167.9	169.4	164.0	148.5	135.5	126.8	115.6	104.6	91.0	78.0	60.9
50°	239.9	230.8	222.1	213.2	192.8	172.8	158.7	143.5	124.0	109.4	94.9
47.5°	306.4	292.7	283.5	271.7	248.3	227.4	205.2	183.7	159.4	136.6	122.3
45°	363.1	343.4	325.6	311.0	290.8	266.8	247.1	223.3	195.5	169.0	144.3
42.5°	420.8	390.8	366.8	352.1	327.7	303.0	280.8	262.4	232.3	201.4	176.4
40°	497.6	437.5	415.1	409.2	386.1	346.8	328.0	307.8	275.7	235.3	210.7
37.5°	624.1	543.7	504.2	483.5	462.4	421.6	385.0	358.6	329.7	284.1	249.0
35°	803.3	708.8	622.7	578.3	553.4	497.8	449.6	413.4	378.9	335.8	290.2
32.5°	960.5	854.1	751.2	673.5	617.7	566.4	512.5	467.7	422.5	378.4	333.6
30°	1190.0	1012.1	870.4	761.0	689.1	625.5	568.3	514.2	463.1	416.7	371.5
27.5°	1501.7	1217.8	1025.3	871.3	764.2	688.5	623.5	560.2	501.9	451.9	405.6
25°	1960.2	1506.3	1218.6	1010.7	855.4	758.3	683.9	610.8	542.8	485.8	446.6
22.5°	2618.8	1998.7	1524.5	1161.6	988.4	865.2	755.4	663.4	586.3	535.4	489.0
20°	3752.9	2675.5	1974.4	1508.5	1189.7	991.9	841.9	733.7	654.9	589.5	531.8
17.5°	5691.4	3943.2	2556.6	1942.5	1488.7	1181.4	965.2	821.6	722.3	643.9	575.0
15°	8067.0	5411.8	3573.9	2502.7	1824.5	1339.2	1080.9	908.8	791.4	700.9	618.6
12.5°	10540.7	6809.3	4416.7	2928.3	2064.7	1507.4	1202.3	1008.1	860.4	742.0	647.3
10°	12689.9	8245.3	5265.9	3431.2	2336.2	1669.0	1298.5	1070.7	901.7	771.6	671.7
7.5°	15064.4	9714.0	6047.7	3799.3	2560.4	1798.4	1363.5	1112.8	935.8	796.4	691.8
5°	16823.7	10835.1	6709.0	4135.0	2729.1	1897.2	1414.2	1143.0	962.4	816.1	707.7
2.5°	18004.0	11615.7	7124.1	4366.1	2833.3	1972.9	1454.9	1171.2	983.1	836.1	725.3
0°	18372.4	11693.7	7442.2	4508.7	2901.3	2041.4	1486.8	1197.5	996.6	851.9	739.4
-2.5°	18484.8	11827.8	7410.4	4540.0	2924.7	2078.0	1500.4	1202.4	1007.1	857.9	741.4
-5°	17750.7	11481.2	7244.2	4508.1	2907.1	2077.4	1523.0	1211.2	1013.0	860.0	739.7
-7.5°	16460.8	10732.2	6809.3	4303.8	2822.9	2044.3	1539.2	1222.5	1018.5	866.2	745.4
-10°	14499.3	9530.5	6133.2	3961.1	2682.6	1980.7	1524.3	1216.3	1015.0	865.2	746.7
-12.5°	12525.8	8184.5	5257.5	3481.2	2453.6	1863.3	1467.0	1191.4	1002.3	856.3	743.2
-15°	10019.8	6850.3	4608.3	3152.0	2247.3	1736.7	1394.5	1152.4	980.8	840.4	734.8
-17.5°	8047.8	5557.2	3774.5	2703.3	2048.4	1625.6	1338.0	1120.8	955.4	824.2	723.4
-20°	6190.9	4376.9	3195.8	2378.5	1843.7	1488.8	1261.5	1074.2	926.3	807.4	712.6



Classified

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

Scaled Data Report



REPORT NUMBER: P627918 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-727-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°	4665.6	3544.8	2652.5	2044.4	1653.0	1383.0	1184.9	1022.3	891.0	783.5	698.5
-25°	3625.1	2827.4	2218.4	1805.9	1484.8	1266.4	1113.9	981.2	863.0	759.7	681.6
-27.5°	2866.9	2295.7	1904.0	1583.9	1348.5	1187.3	1056.3	938.5	832.9	741.7	664.4
-30°	2321.4	1950.7	1648.8	1408.8	1241.0	1106.2	1000.7	902.2	804.7	718.7	645.9
-32.5°	1901.7	1673.8	1446.9	1274.7	1135.4	1032.0	946.2	863.1	770.3	694.9	626.6
-35°	1628.3	1462.6	1301.5	1164.1	1046.7	967.9	891.6	813.8	738.2	668.1	604.5
-37.5°	1438.1	1302.8	1181.4	1070.8	983.3	909.3	842.2	773.5	704.8	640.6	581.8
-40°	1289.8	1174.9	1079.2	995.0	924.9	861.5	800.5	737.1	676.0	611.6	557.3
-42.5°	1168.7	1078.0	995.1	930.5	871.0	817.0	763.3	708.0	648.2	587.1	529.8
-45°	1068.8	997.5	928.1	870.8	820.1	774.6	733.4	678.2	619.6	558.6	500.4
-47.5°	985.0	926.1	868.2	814.9	773.0	733.6	693.9	645.2	583.7	526.2	476.6
-50°	910.7	863.2	814.2	765.1	728.2	692.2	650.4	599.5	546.5	499.1	452.4
-52.5°	850.8	808.0	765.2	724.0	688.1	650.3	605.5	561.5	516.2	471.7	428.7
-55°	790.4	755.4	721.2	687.2	653.4	614.3	573.0	529.2	484.9	443.3	399.4
-57.5°	742.6	710.6	679.7	649.1	618.7	580.1	538.0	495.2	449.5	407.4	366.2
-60°	692.0	664.2	633.7	603.9	575.2	540.8	495.2	451.2	408.9	369.1	329.3
-62.5°	629.0	601.9	575.3	546.6	516.4	482.5	440.9	400.4	363.8	329.2	293.4
-65°	556.7	531.7	506.1	477.7	446.1	411.2	375.9	346.1	317.9	288.5	256.9
-67.5°	482.6	460.1	433.7	405.2	378.0	349.9	324.5	299.0	272.7	245.6	217.4
-70°	415.6	397.6	376.2	351.4	325.5	299.2	275.0	251.3	226.8	204.2	182.4
-72.5°	351.5	335.0	315.6	292.9	270.1	248.1	227.6	208.3	189.2	170.5	151.1
-75°	286.3	272.5	257.2	238.8	220.3	201.8	184.9	169.2	153.1	136.7	120.3
-77.5°	225.7	215.6	204.4	190.0	175.5	161.0	146.7	132.6	119.3	106.9	95.5
-80°	170.7	163.0	154.6	143.0	131.5	119.9	108.7	99.0	90.0	81.7	73.7
-82.5°	118.9	112.8	106.5	98.4	90.2	82.1	74.3	68.4	62.7	57.1	51.8
-85°	71.4	68.1	64.6	60.0	55.5	51.3	47.4	44.2	40.8	37.4	34.0
-87.5°	34.0	31.5	29.1	28.5	27.8	27.1	26.3	23.9	21.5	19.2	17.0
-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: P627918 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-727-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	0.7	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.8	1.7	0.5
70°	0.0	0.0	0.0	0.7	0.8	0.0	0.0	1.1	3.0	3.4	2.5
67.5°	0.0	0.0	0.0	1.7	2.7	2.3	0.5	1.4	3.2	5.1	4.5
65°	2.7	1.9	0.1	2.1	4.0	5.2	3.9	2.4	3.5	5.4	6.7
62.5°	4.7	6.0	4.5	3.3	4.4	6.3	7.4	5.0	4.2	5.7	7.5
60°	5.3	7.2	8.1	6.3	5.6	6.7	8.0	7.3	5.8	6.0	7.8
57.5°	14.1	9.1	9.1	8.6	7.3	7.4	8.0	8.0	7.1	6.7	8.0
55°	26.3	19.2	13.5	10.9	9.1	7.9	8.2	8.0	8.0	7.4	8.0
52.5°	45.7	33.2	24.3	16.5	12.2	9.1	9.1	8.0	8.0	7.8	8.0
50°	72.8	52.3	38.3	27.6	17.2	13.4	10.4	9.3	8.0	8.0	8.0
47.5°	106.3	78.1	55.9	40.3	28.3	18.2	14.3	11.1	8.0	8.0	8.0
45°	131.2	109.0	77.9	56.4	39.8	27.4	19.3	13.2	10.0	8.3	8.0
42.5°	155.7	135.6	106.0	72.2	54.6	37.8	24.6	17.8	12.2	8.8	8.3
40°	187.0	161.7	132.9	98.5	70.9	48.0	33.4	22.9	14.8	10.2	8.9
37.5°	219.2	191.0	159.5	123.8	89.5	63.6	42.4	28.2	18.6	13.0	9.7
35°	255.3	221.5	185.8	147.9	111.4	79.7	51.0	34.6	23.6	16.0	10.7
32.5°	291.9	250.8	210.4	171.3	131.9	96.3	63.2	42.9	28.5	19.1	11.8
30°	327.3	279.8	233.1	193.7	151.5	113.9	78.5	52.0	33.3	22.3	13.4
27.5°	359.5	308.2	254.9	213.7	171.0	130.4	93.8	61.7	37.8	25.9	16.0
25°	393.2	337.0	280.0	231.5	189.5	147.0	108.0	72.1	44.5	29.7	18.6
22.5°	431.6	366.2	304.1	247.6	208.9	163.2	121.6	84.4	52.6	33.3	21.1
20°	472.7	395.1	328.3	270.4	227.0	179.9	135.2	95.7	60.8	36.8	23.7
17.5°	514.8	426.7	357.6	296.4	244.9	195.5	148.1	106.1	69.1	40.0	26.2
15°	543.4	458.4	383.9	320.7	262.9	209.9	160.2	115.4	77.2	43.0	28.7
12.5°	567.3	485.7	407.2	343.2	280.6	223.0	171.6	123.8	85.1	47.1	31.1
10°	588.4	508.7	427.4	363.8	297.8	234.9	182.1	131.3	92.5	52.3	33.4
7.5°	606.6	527.7	444.8	382.5	314.1	246.9	190.7	137.8	98.9	57.5	35.4
5°	621.9	544.0	459.3	394.5	329.2	259.6	198.1	143.6	104.3	62.7	37.2
2.5°	634.1	558.9	471.8	403.3	342.4	271.2	204.2	148.5	108.8	67.7	38.8
0°	643.0	570.6	482.2	409.9	353.6	281.3	209.0	152.7	112.5	72.3	40.2
-2.5°	648.8	572.6	493.3	417.5	360.3	289.7	218.7	157.9	115.5	76.4	42.6
-5°	651.3	572.4	501.6	423.3	365.2	296.4	226.9	162.1	117.8	79.9	44.8
-7.5°	654.9	575.0	506.1	427.8	368.4	301.6	233.2	165.3	119.6	82.8	46.8
-10°	656.3	577.7	507.2	433.5	371.1	305.3	237.2	167.3	120.9	84.9	48.5
-12.5°	654.4	577.5	506.9	436.7	372.4	307.5	239.4	170.4	122.1	86.3	50.0
-15°	649.2	574.1	505.6	437.0	372.2	308.3	240.1	173.3	124.5	86.6	51.3
-17.5°	641.2	567.4	503.8	434.4	370.7	307.9	239.3	174.7	125.8	86.0	52.5
-20°	633.2	561.3	501.1	428.6	367.9	306.2	237.3	174.4	125.8	84.7	53.5

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CATALOG NUMBER: GFLD-SA6D-727-U-NR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	622.8	555.6	492.2	422.7	363.9	303.4	234.0	172.4	124.3	82.8	54.2
-25°	609.7	546.9	482.1	418.2	358.8	297.7	230.1	168.6	121.4	80.3	54.4
-27.5°	596.5	535.1	471.3	411.9	351.8	290.8	224.9	165.0	117.3	77.1	54.3
-30°	581.1	521.9	461.9	403.3	342.1	281.0	217.5	159.5	113.0	75.4	53.6
-32.5°	564.3	508.6	451.4	390.4	329.9	270.1	208.1	151.9	107.9	74.5	53.0
-35°	547.4	493.7	438.6	374.3	316.6	258.3	198.6	142.2	102.2	72.9	52.3
-37.5°	527.6	475.3	417.9	357.0	302.5	245.6	189.7	136.7	95.8	70.8	51.3
-40°	504.9	452.8	394.1	340.8	287.7	232.2	180.0	131.7	91.7	68.1	50.1
-42.5°	479.6	427.5	375.1	324.2	272.1	220.7	170.1	125.5	89.8	66.0	48.7
-45°	453.5	404.6	357.3	307.0	256.4	208.8	161.7	118.6	87.1	64.0	47.2
-47.5°	429.1	385.3	337.9	288.6	242.8	196.6	152.0	114.1	83.3	61.9	45.6
-50°	408.5	364.0	316.7	270.0	226.8	184.1	141.9	108.2	80.2	59.6	43.6
-52.5°	384.8	339.9	293.6	249.4	209.7	170.2	133.3	101.1	75.8	56.6	41.3
-55°	356.7	312.0	267.7	228.9	191.9	157.0	123.2	93.8	70.1	53.2	38.5
-57.5°	323.7	280.4	244.0	208.8	174.0	142.2	111.9	85.0	65.0	49.4	35.4
-60°	289.8	254.8	221.4	187.1	155.1	126.2	99.1	76.1	59.8	45.1	32.0
-62.5°	259.7	227.6	194.9	163.4	135.5	109.4	85.9	69.3	54.1	40.4	28.3
-65°	225.9	195.6	166.3	140.4	115.6	93.7	77.1	61.9	47.9	35.4	24.9
-67.5°	189.6	165.3	140.7	117.2	98.8	82.7	67.7	53.9	41.3	30.0	22.9
-70°	160.2	137.5	117.3	100.6	85.3	71.0	57.8	45.5	34.4	26.9	20.6
-72.5°	132.2	114.7	98.8	84.5	71.3	58.8	47.3	37.3	29.9	23.5	18.2
-75°	105.3	92.7	80.1	67.8	56.6	46.5	38.8	31.4	25.2	20.0	15.9
-77.5°	84.4	73.1	61.6	52.9	46.0	39.0	32.0	25.2	20.9	17.3	13.7
-80°	64.9	57.1	50.2	44.2	37.8	31.5	26.0	21.3	18.0	14.7	11.4
-82.5°	46.7	42.5	38.8	35.3	30.4	25.8	21.7	18.1	15.1	12.1	8.9
-85°	31.8	29.8	28.0	26.4	23.1	20.0	16.6	13.5	10.7	8.2	6.0
-87.5°	16.3	15.5	14.7	13.8	11.9	10.0	8.3	6.8	5.4	4.1	3.0
-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	0.3	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.5	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.7	0.0
77.5°	0.1	0.2	0.0	0.0	0.1	0.9	0.0
75°	0.2	0.7	0.1	0.0	0.1	1.1	0.0
72.5°	0.4	1.2	0.9	0.0	0.2	1.3	0.0
70°	0.9	1.8	1.6	0.1	0.3	1.5	0.0
67.5°	2.8	2.5	2.4	0.9	0.5	1.6	0.0
65°	4.6	3.4	3.2	1.7	0.6	1.8	0.0
62.5°	6.3	4.5	4.1	2.5	0.8	2.1	0.0
60°	7.8	5.6	5.0	3.4	1.1	2.3	0.0
57.5°	8.0	6.5	5.6	4.2	1.7	2.5	0.0
55°	8.0	7.4	6.2	5.1	2.4	2.7	0.0
52.5°	8.0	8.0	6.6	6.0	3.0	2.9	0.0
50°	8.0	8.0	7.1	6.8	3.6	3.2	0.0
47.5°	8.0	8.0	7.4	7.6	4.2	3.4	0.0
45°	8.0	8.0	7.7	7.8	4.7	3.7	0.0
42.5°	8.0	8.0	7.9	7.9	5.2	3.9	0.0
40°	8.0	8.0	8.0	8.0	5.6	4.2	0.0
37.5°	8.0	8.0	8.0	8.0	6.0	4.4	0.0
35°	8.0	8.0	8.0	8.0	6.3	4.7	0.0
32.5°	8.2	8.0	8.0	8.0	6.6	4.9	0.0
30°	9.1	8.0	8.0	8.0	6.9	5.2	0.0
27.5°	10.0	8.0	8.0	8.0	7.2	5.5	0.0
25°	11.0	8.0	8.0	8.0	7.4	5.7	0.0
22.5°	12.0	8.1	8.0	8.0	7.5	6.0	0.0
20°	13.0	8.7	8.0	8.0	7.7	6.2	0.0
17.5°	14.4	9.5	8.0	8.0	7.8	6.5	0.0
15°	16.1	10.3	8.0	8.0	7.9	6.7	0.0
12.5°	17.6	11.2	8.0	8.0	7.9	7.0	0.0
10°	19.1	12.2	8.0	8.0	8.0	7.2	0.0
7.5°	20.5	13.2	8.0	8.0	8.0	7.4	0.0
5°	21.8	14.2	8.0	8.0	8.0	7.6	0.0
2.5°	23.0	15.2	8.0	8.0	8.0	7.8	0.0
0°	24.1	16.1	8.0	8.0	8.0	8.0	0.0
-2.5°	26.2	16.9	8.7	8.0	8.0	8.0	0.0
-5°	28.2	17.7	9.4	8.0	8.0	8.0	0.0
-7.5°	30.0	18.4	10.1	8.0	8.0	7.9	0.0
-10°	31.5	19.0	10.7	8.0	8.0	7.9	0.0
-12.5°	32.8	19.5	11.2	8.0	8.0	7.8	0.0
-15°	33.9	20.0	11.7	8.0	8.0	7.7	0.0
-17.5°	34.5	20.3	12.0	8.0	8.0	7.6	0.0
-20°	35.0	20.6	12.2	8.0	8.0	7.5	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	35.4	20.8	12.3	8.0	8.0	7.4	0.0
-25°	35.7	21.3	12.3	8.0	8.0	7.3	0.0
-27.5°	35.7	21.8	12.1	8.0	8.0	7.1	0.0
-30°	35.5	22.2	11.8	8.0	8.0	6.9	0.0
-32.5°	35.1	22.4	11.8	8.0	8.0	6.7	0.0
-35°	35.0	22.3	11.6	8.0	8.0	6.6	0.0
-37.5°	34.8	22.1	11.3	8.0	8.0	6.3	0.0
-40°	34.4	21.7	10.9	8.0	8.0	6.1	0.0
-42.5°	33.7	21.0	10.8	8.1	8.0	5.9	0.0
-45°	32.7	20.1	11.1	8.3	8.0	5.7	0.0
-47.5°	31.3	19.1	11.3	8.5	8.0	5.4	0.0
-50°	29.7	17.8	11.4	8.6	8.0	5.1	0.0
-52.5°	27.9	16.4	11.4	8.6	8.0	4.9	0.0
-55°	25.7	15.9	11.3	8.7	8.0	4.6	0.0
-57.5°	23.3	15.5	11.2	8.7	8.0	4.3	0.0
-60°	20.8	15.0	11.0	8.6	8.0	4.0	0.0
-62.5°	19.8	14.4	10.6	8.5	7.4	3.7	0.0
-65°	18.5	13.7	10.3	8.4	6.8	3.4	0.0
-67.5°	17.2	12.8	9.8	8.2	6.1	3.1	0.0
-70°	15.6	11.8	9.3	8.0	5.5	2.7	0.0
-72.5°	13.9	10.8	8.7	7.2	4.8	2.4	0.0
-75°	12.1	9.6	8.1	6.2	4.1	2.1	0.0
-77.5°	10.2	8.4	6.9	5.2	3.5	1.7	0.0
-80°	8.2	6.9	5.5	4.2	2.8	1.4	0.0
-82.5°	6.2	5.2	4.2	3.1	2.1	1.0	0.0
-85°	4.1	3.5	2.8	2.1	1.4	0.7	0.0
-87.5°	2.1	1.7	1.4	1.0	0.7	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)