

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: P627142 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA3C-727-U-WR-VSR-XX

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P627142 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 5/9/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA3C-727-U-WR-VSR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR  
Light Source: (48) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	12931.7 lumens	Max Intensity:	14658.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	106.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		

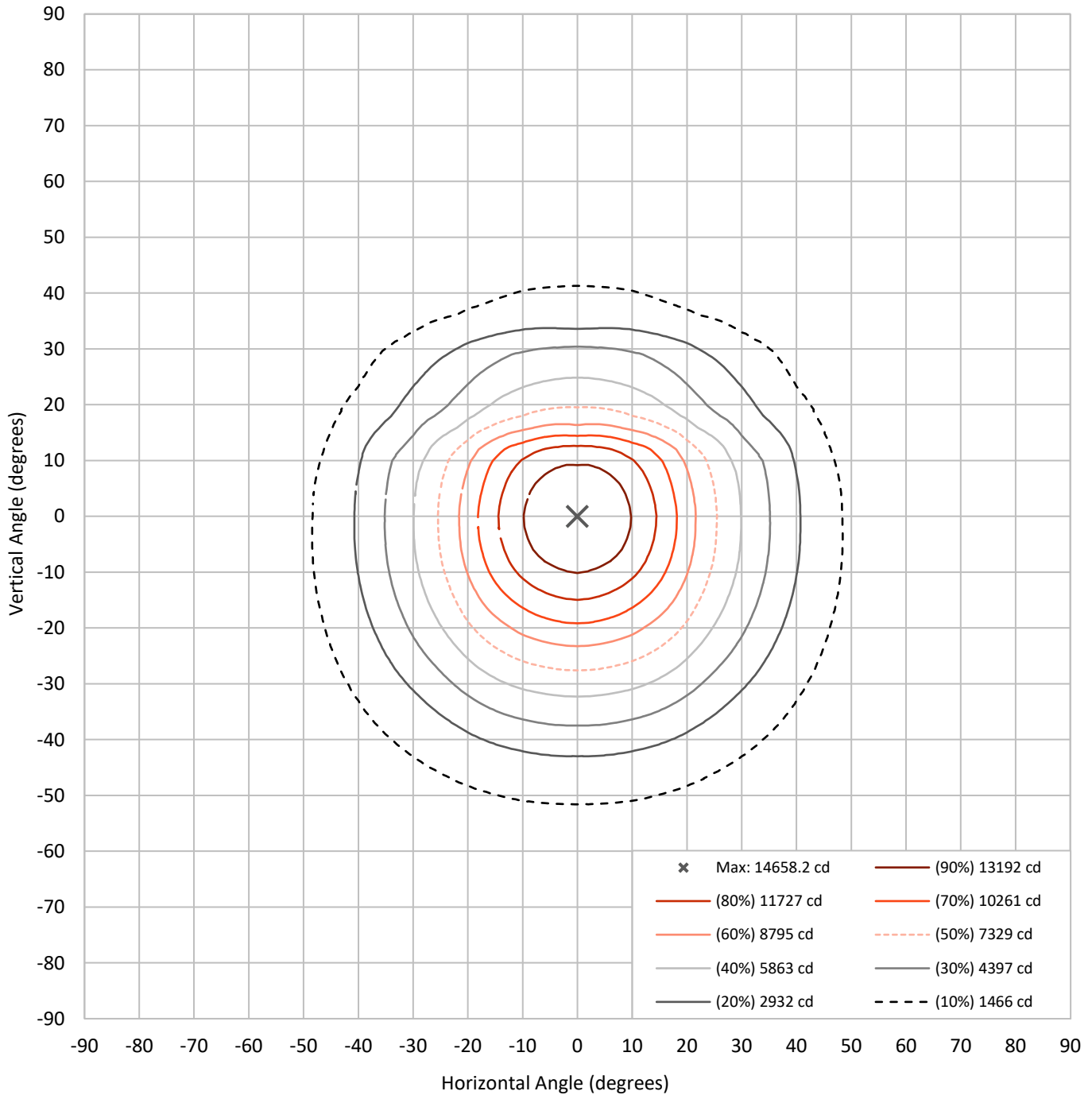
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	6226 lumens	Field Lumens:	11578.3 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%

Input Watts (W): 121.7  
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



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### Iso-Candela Plot





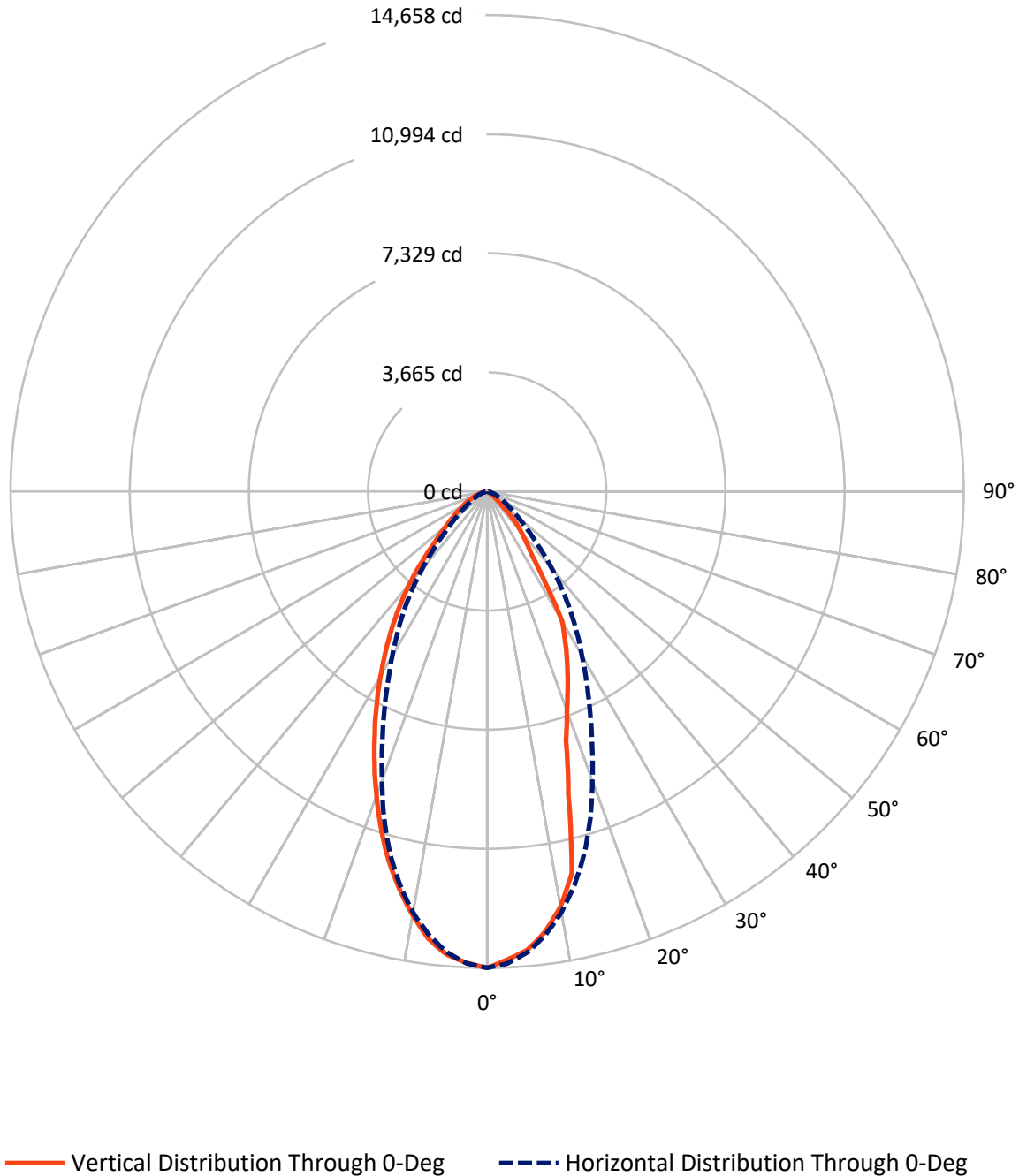
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### Lumen Table

90																			
80	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0		
70																			
60	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1		
50		0.3	0.7	1.2	2.0	3.0	4.1	4.6	4.6	4.1	3.0	2.0	1.2	0.7	0.3				
40	0.6	1.0	2.5	5.3	9.6	15.8	22.8	27.9	27.9	22.8	15.8	9.6	5.3	2.5	1.0	0.6			
30		2.0	5.0	11.7	24.1	44.4	67.8	81.5	81.5	67.8	44.4	24.1	11.7	5.0	2.0				
20	1.4	3.1	8.2	21.2	50.2	94.3	143.5	173.0	173.0	143.5	94.3	50.2	21.2	8.2	3.1	1.4			
10		4.2	11.7	33.3	82.6	152.8	238.8	295.2	295.2	238.8	152.8	82.6	33.3	11.7	4.2				
0	2.0	4.9	14.7	43.1	108.5	202.2	324.7	411.7	411.7	324.7	202.2	108.5	43.1	14.7	4.9	2.0			
-10		5.1	15.3	44.4	110.1	205.2	328.0	414.3	414.3	328.0	205.2	110.1	44.4	15.3	5.1				
-20	2.1	5.0	14.5	39.6	97.5	180.2	277.7	342.7	342.7	277.7	180.2	97.5	39.6	14.5	5.0	2.1			
-30		4.6	12.5	31.0	72.8	135.8	202.4	242.7	242.7	202.4	135.8	72.8	31.0	12.5	4.6				
-40	1.8	4.0	10.1	22.4	45.8	84.3	127.1	151.3	151.3	127.1	84.3	45.8	22.4	10.1	4.0	1.8			
-50		3.4	7.8	15.5	27.5	44.1	63.3	75.3	75.3	63.3	44.1	27.5	15.5	7.8	3.4				
-60	1.1	2.6	5.7	10.3	16.8	24.2	31.3	35.4	35.4	31.3	24.2	16.8	10.3	5.7	2.6	1.1			
-70		1.8	3.8	6.4	9.8	13.3	16.3	17.7	17.7	16.3	13.3	9.8	6.4	3.8	1.8				
-80	0.3	3.7	9.5	17.0	15.5	17.0	9.5	3.7	0.3										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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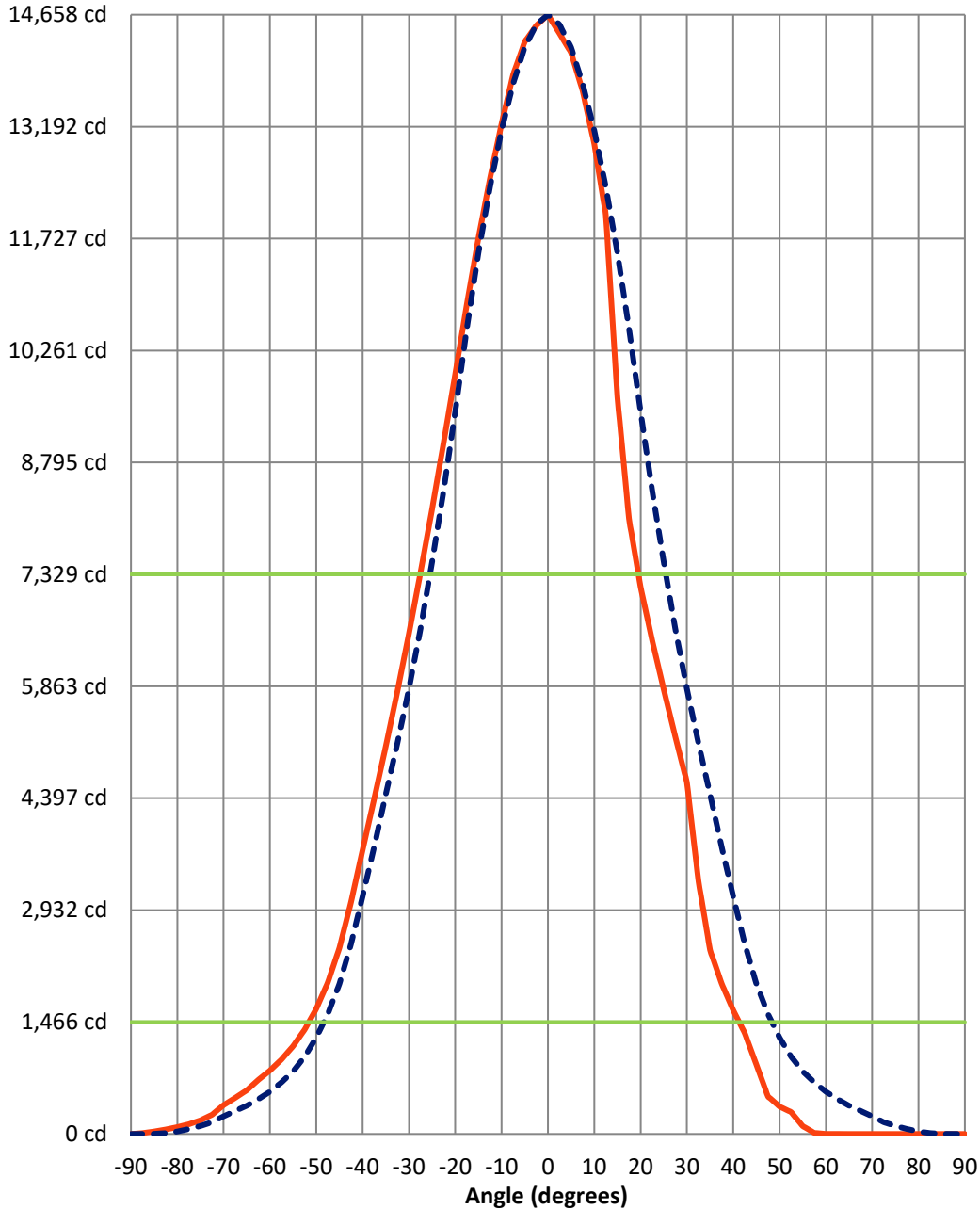
### Luminous Intensity Polar Plot





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### Luminous Intensity Plot



**Beam:**  
 H Angle: 50.9°  
 V Angle: 47.1°  
 Lumens: 6226  
 Efficiency: 48.1%

**Field:**  
 H Angle: 96.7°  
 V Angle: 92.9°  
 Lumens: 11578.3  
 Efficiency: 89.5%

**Spill:**  
 Lumens: 1353.4  
 Efficiency: 10.5%

— 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	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
85°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.8
82.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.0	1.0
80°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.0	1.0	1.0	1.0
77.5°	0.0	0.2	0.4	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0
75°	0.0	0.3	0.5	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0
72.5°	0.0	0.3	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0
70°	0.0	0.3	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1
67.5°	0.0	0.4	0.8	1.0	1.0	1.0	1.1	1.0	1.0	1.3	1.3
65°	0.0	0.4	0.8	1.0	1.0	1.1	1.2	1.0	1.5	1.7	2.0
62.5°	0.0	0.5	0.9	1.0	1.0	1.4	1.4	1.4	1.9	2.8	4.3
60°	0.0	0.5	1.0	1.0	1.0	1.6	1.6	1.9	2.5	6.9	7.5
57.5°	0.0	0.5	1.0	1.0	1.3	1.9	2.8	2.7	6.8	11.6	12.8
55°	0.0	0.6	1.0	1.0	1.6	2.3	4.3	3.9	12.5	17.6	19.9
52.5°	0.0	0.6	1.0	1.0	2.0	2.9	6.0	9.8	18.7	26.1	28.2
50°	0.0	0.6	1.1	1.0	2.3	4.7	8.0	16.3	26.1	35.6	43.0
47.5°	0.0	0.7	1.1	1.1	2.7	6.6	10.6	22.8	35.8	46.0	58.4
45°	0.0	0.7	1.1	1.4	3.1	8.7	16.3	29.3	45.6	59.5	73.5
42.5°	0.0	0.7	1.2	1.7	3.5	10.9	21.9	37.0	55.4	73.0	90.4
40°	0.0	0.8	1.2	2.0	4.6	13.1	27.6	45.5	65.5	86.1	107.9
37.5°	0.0	0.8	1.3	2.5	6.4	15.5	33.1	53.9	76.5	99.5	125.9
35°	0.0	0.8	1.3	3.0	8.2	19.3	38.7	62.1	87.6	115.6	145.5
32.5°	0.0	0.8	1.3	3.5	10.0	23.7	44.5	70.2	98.6	132.2	167.4
30°	0.0	0.9	1.4	4.1	11.8	28.0	51.1	78.4	109.7	149.0	189.5
27.5°	0.0	0.9	1.5	4.7	14.0	32.1	57.4	87.4	121.8	166.2	211.8
25°	0.0	0.9	1.5	5.3	16.1	36.1	63.5	96.2	135.8	184.4	234.0
22.5°	0.0	0.9	1.6	6.0	18.1	40.0	69.4	104.8	149.6	202.9	256.5
20°	0.0	0.9	1.6	6.6	20.1	43.7	75.0	113.1	163.2	220.9	278.0
17.5°	0.0	1.0	1.7	7.3	22.0	47.3	80.2	121.1	176.5	238.5	298.3
15°	0.0	1.0	1.8	7.9	23.9	50.6	84.9	128.2	189.2	255.4	317.5
12.5°	0.0	1.0	1.8	8.6	25.6	53.7	89.3	134.1	199.8	271.5	335.5
10°	0.0	1.0	1.9	9.2	27.2	56.5	93.2	139.3	208.3	281.1	349.6
7.5°	0.0	1.0	1.9	9.9	28.8	59.0	96.7	144.0	215.8	288.3	357.0
5°	0.0	1.0	2.0	10.4	30.1	61.3	99.8	148.0	222.1	294.1	362.9
2.5°	0.0	1.0	2.0	11.0	31.4	63.2	102.5	151.3	227.4	298.5	367.5
0°	0.0	1.0	2.1	11.5	32.5	64.9	104.7	153.9	231.4	301.5	370.6
-2.5°	0.0	1.1	2.4	12.2	34.0	66.9	107.5	158.3	235.9	305.9	375.5
-5°	0.0	1.1	2.7	12.9	35.3	68.7	109.9	162.1	239.2	309.0	379.0
-7.5°	0.0	1.2	3.0	13.5	36.4	70.1	111.8	165.0	241.3	310.9	381.1
-10°	0.0	1.3	3.3	14.0	37.3	71.1	113.1	167.0	242.2	311.7	381.7
-12.5°	0.0	1.3	3.6	14.5	38.0	71.8	113.9	168.2	242.0	311.3	379.9
-15°	0.0	1.4	3.8	14.9	38.5	72.1	114.1	168.5	240.2	308.6	376.3
-17.5°	0.0	1.4	4.1	15.1	38.7	72.1	113.8	168.1	237.1	304.9	371.2
-20°	0.0	1.5	4.3	15.3	38.6	71.7	113.5	167.3	233.2	300.3	364.6

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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	1.5	4.5	15.4	38.3	70.9	113.5	165.8	228.6	294.8	356.7
-25°	0.0	1.5	4.7	15.4	37.7	70.7	113.0	163.6	223.4	288.5	347.5
-27.5°	0.0	1.5	4.8	15.3	36.8	70.3	111.9	160.7	217.5	281.3	338.9
-30°	0.0	1.6	4.9	15.1	35.8	69.6	110.3	157.1	212.4	273.1	329.6
-32.5°	0.0	1.6	5.0	14.8	35.3	68.4	108.1	154.2	207.3	264.6	319.8
-35°	0.0	1.6	5.0	14.3	34.6	66.8	106.0	151.0	201.6	255.7	309.2
-37.5°	0.0	1.6	5.1	13.8	33.5	65.0	103.6	147.1	195.1	246.7	296.9
-40°	0.0	1.6	5.0	13.1	32.2	63.4	100.6	142.5	188.1	238.2	283.7
-42.5°	0.0	1.5	5.0	12.5	31.2	61.4	97.0	137.4	181.5	227.3	269.7
-45°	0.0	1.5	4.9	12.1	30.6	59.0	92.9	131.9	174.8	215.5	255.1
-47.5°	0.0	1.5	4.8	11.4	29.7	56.2	88.2	126.4	167.4	203.4	241.6
-50°	0.0	1.4	4.7	11.2	28.4	53.0	84.1	120.1	157.5	192.3	227.7
-52.5°	0.0	1.4	4.5	11.0	26.9	49.4	79.6	113.2	147.7	180.7	213.5
-55°	0.0	1.3	4.3	10.8	25.0	46.5	74.7	105.9	137.6	168.7	200.2
-57.5°	0.0	1.3	4.0	10.3	22.9	43.4	69.3	99.3	127.0	156.6	186.4
-60°	0.0	1.2	3.8	9.8	20.5	39.8	63.6	91.4	116.1	144.0	172.2
-62.5°	0.0	1.1	3.5	9.1	19.1	35.8	58.0	82.6	105.3	130.9	157.5
-65°	0.0	1.0	3.3	8.3	17.4	31.4	51.9	73.4	93.9	117.1	142.3
-67.5°	0.0	0.9	3.0	7.4	15.6	27.5	45.3	64.1	81.8	102.5	125.4
-70°	0.0	0.9	2.7	6.4	13.6	24.1	38.2	54.6	70.3	87.1	107.2
-72.5°	0.0	0.8	2.4	5.6	11.4	20.5	32.5	44.7	58.6	73.3	88.9
-75°	0.0	0.7	2.1	4.9	9.0	16.6	26.6	36.4	46.5	59.2	72.6
-77.5°	0.0	0.6	1.8	4.1	7.5	12.5	20.5	28.6	36.9	45.7	55.9
-80°	0.0	0.4	1.4	3.3	6.1	9.5	14.2	20.6	27.4	34.6	42.1
-82.5°	0.0	0.3	1.1	2.5	4.6	7.2	10.4	13.8	17.8	23.3	29.1
-85°	0.0	0.2	0.7	1.7	3.1	4.8	7.0	9.2	11.8	14.5	17.6
-87.5°	0.0	0.1	0.4	0.9	1.5	2.4	3.5	4.6	5.9	7.3	8.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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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°	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.8
85°	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
80°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
77.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
72.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
70°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8
67.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.5
65°	1.0	1.0	1.4	1.5	1.1	1.0	1.0	1.0	1.1	0.9	0.9
62.5°	1.5	1.9	2.3	3.6	2.7	1.0	2.0	2.3	1.6	1.3	1.4
60°	4.6	3.1	8.0	11.1	7.3	3.8	4.7	9.5	7.8	2.1	5.5
57.5°	9.2	11.4	20.3	21.3	16.3	11.0	24.2	26.8	22.3	14.0	20.1
55°	19.3	27.1	34.2	33.8	34.0	42.7	50.2	49.3	43.5	60.0	75.5
52.5°	36.5	44.6	49.3	53.7	65.9	74.0	76.4	81.0	98.0	118.5	122.2
50°	53.5	61.8	68.1	84.0	96.5	103.0	108.9	124.5	150.4	164.4	166.7
47.5°	70.8	80.1	96.5	113.9	126.1	135.8	146.1	181.6	210.5	222.4	226.7
45°	88.8	104.9	125.4	143.3	157.4	170.5	204.2	252.7	272.9	291.2	337.7
42.5°	107.5	131.8	154.9	173.6	189.4	216.9	263.8	310.8	339.8	378.7	434.9
40°	131.3	158.5	185.4	204.4	224.2	265.8	323.8	373.5	404.2	456.5	520.5
37.5°	155.5	187.4	216.3	236.4	264.2	320.5	388.7	448.2	486.3	528.8	631.8
35°	179.5	216.8	246.5	273.4	307.7	385.4	469.4	535.6	582.7	655.5	785.8
32.5°	205.0	246.7	277.1	313.8	370.1	456.9	560.1	633.7	711.7	816.5	1025.2
30°	232.2	274.8	309.7	353.7	429.3	530.6	650.3	742.8	848.8	1018.9	1243.8
27.5°	259.3	302.7	345.7	401.8	484.8	594.2	719.3	865.0	1001.9	1192.1	1438.1
25°	285.3	331.1	380.9	448.8	538.5	653.1	789.6	957.8	1136.4	1354.0	1642.7
22.5°	310.2	360.0	418.3	491.2	583.9	709.0	871.8	1069.3	1284.0	1509.3	1841.2
20°	334.5	392.3	459.2	540.8	625.7	760.6	952.2	1191.4	1460.4	1769.1	2094.3
17.5°	358.6	424.1	501.4	592.1	694.9	833.0	1034.7	1319.4	1646.8	2048.6	2449.0
15°	382.2	455.3	542.3	642.8	764.8	929.8	1158.9	1471.8	1867.4	2348.6	2822.8
12.5°	405.0	485.6	581.5	692.3	832.5	1020.9	1275.9	1613.5	2066.9	2641.7	3224.3
10°	427.0	514.7	618.7	740.1	897.4	1105.7	1379.4	1736.1	2217.3	2809.7	3457.7
7.5°	438.1	534.4	650.4	785.5	958.6	1183.6	1469.4	1839.8	2334.9	2944.9	3594.5
5°	446.1	543.4	662.4	803.7	992.3	1236.5	1538.3	1924.5	2421.5	3046.5	3687.2
2.5°	452.3	549.9	671.0	813.9	1005.6	1254.2	1561.1	1954.0	2468.0	3099.6	3741.3
0°	456.5	553.9	676.4	819.8	1012.5	1262.7	1571.6	1966.3	2487.7	3111.7	3760.9
-2.5°	461.0	559.3	682.0	828.9	1022.1	1274.3	1583.1	1975.0	2502.5	3115.1	3771.5
-5°	463.5	562.2	684.2	833.3	1025.2	1276.5	1582.3	1966.7	2490.7	3090.7	3748.4
-7.5°	464.2	562.5	683.0	832.5	1021.3	1266.6	1565.6	1942.1	2450.1	3041.2	3691.8
-10°	463.1	560.0	678.5	824.9	1009.7	1246.0	1535.6	1899.6	2383.4	2959.5	3596.2
-12.5°	459.7	554.8	670.4	812.6	991.2	1216.8	1493.5	1839.0	2290.7	2845.9	3461.3
-15°	454.3	547.0	658.8	795.5	965.7	1179.1	1439.4	1760.3	2171.3	2701.6	3293.4
-17.5°	446.8	536.6	643.5	773.8	933.0	1133.4	1373.9	1668.1	2042.6	2540.5	3106.8
-20°	437.3	523.8	624.6	747.3	895.4	1085.3	1313.1	1586.5	1922.2	2356.0	2886.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627142 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3C-727-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	425.7	508.4	604.6	722.0	862.1	1035.3	1245.2	1494.1	1787.1	2142.8	2646.1
-25°	413.8	493.7	585.2	693.8	823.9	978.7	1167.5	1394.2	1659.6	1985.2	2401.3
-27.5°	402.0	476.8	562.7	661.3	781.2	920.3	1094.5	1301.1	1537.6	1814.5	2153.4
-30°	388.8	457.8	538.0	627.3	740.3	869.4	1019.9	1197.0	1407.3	1657.5	1952.0
-32.5°	374.3	437.5	514.0	597.8	696.4	813.9	944.2	1104.3	1287.3	1493.6	1748.3
-35°	359.9	420.3	489.4	566.1	649.3	759.4	879.0	1011.9	1167.5	1350.3	1553.9
-37.5°	346.1	401.4	463.0	534.5	612.6	704.0	809.7	929.7	1063.6	1209.0	1384.9
-40°	330.6	381.0	439.3	504.1	573.1	652.3	747.7	849.5	964.8	1092.7	1228.6
-42.5°	313.8	362.3	415.5	471.3	534.6	605.4	684.5	777.6	873.4	980.6	1099.2
-45°	297.4	341.9	390.6	441.5	494.8	557.3	629.1	706.6	791.6	879.0	978.7
-47.5°	280.1	320.7	366.1	410.5	457.7	511.0	571.9	642.2	713.1	790.9	868.2
-50°	262.8	300.9	339.0	380.4	422.7	467.1	518.6	579.2	643.7	708.3	776.3
-52.5°	247.3	280.2	314.7	350.2	388.7	428.2	471.2	521.2	577.5	634.5	693.0
-55°	231.4	261.8	290.2	322.1	355.4	391.0	429.2	471.3	513.9	565.7	616.2
-57.5°	215.9	242.9	267.6	294.8	324.4	354.7	389.1	424.8	463.5	502.7	543.9
-60°	200.4	223.3	245.7	269.2	294.1	321.0	348.7	380.1	413.2	447.2	483.0
-62.5°	184.4	202.9	222.7	244.2	266.1	286.8	310.0	335.7	363.0	392.2	422.5
-65°	166.4	181.8	198.3	217.0	237.6	254.3	272.1	291.4	314.0	338.0	361.8
-67.5°	147.2	160.8	174.3	188.2	204.8	219.8	234.4	249.8	266.7	286.4	305.5
-70°	125.8	139.4	151.3	162.8	173.4	184.0	196.5	208.6	222.2	239.8	257.2
-72.5°	104.1	116.8	128.1	137.9	145.3	151.7	159.3	168.1	181.2	197.5	212.8
-75°	84.2	94.5	105.0	114.4	119.2	121.1	122.7	127.3	140.5	157.3	172.2
-77.5°	65.6	74.5	83.1	91.3	94.7	96.0	96.6	96.6	106.3	120.6	135.7
-80°	48.3	54.5	61.8	68.8	70.9	71.5	71.6	71.1	79.1	89.4	100.4
-82.5°	33.6	38.1	42.7	47.4	48.1	47.8	47.1	46.4	52.8	60.2	67.9
-85°	19.5	21.4	24.3	27.2	27.5	27.4	26.9	26.1	29.6	33.7	37.9
-87.5°	9.8	10.7	11.7	12.6	12.3	11.8	11.2	10.4	11.4	12.4	13.5
-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: P627142 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-727-U-WR-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°	0.8	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.0	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.0	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.0	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.0	0.8	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.0	0.8	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.0	0.9	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.5	0.5	0.5	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.0	1.0	0.7	0.5	0.2	0.2	0.2	0.2	0.1	0.0	0.0
62.5°	1.3	1.3	0.9	0.8	0.9	1.0	0.8	0.7	0.7	0.7	0.8
60°	5.9	3.3	3.4	4.4	3.7	1.7	3.4	4.3	4.0	3.1	2.7
57.5°	30.0	25.1	17.6	29.4	30.3	21.2	23.0	30.0	29.1	22.5	22.4
55°	75.7	76.8	82.4	89.9	95.5	98.0	100.3	111.5	123.5	135.3	141.2
52.5°	125.1	139.7	157.9	170.0	178.4	195.6	219.8	230.8	241.6	253.8	262.7
50°	184.2	209.6	227.9	230.6	259.3	277.9	282.2	303.0	325.7	339.8	349.9
47.5°	274.0	306.2	322.1	332.3	367.2	405.5	405.5	417.5	474.2	503.8	518.1
45°	394.7	421.5	449.7	522.8	590.1	611.4	657.1	719.0	759.2	814.5	875.3
42.5°	497.5	547.8	618.4	698.9	766.3	822.5	890.3	964.7	1054.0	1138.0	1210.5
40°	599.2	661.5	748.8	836.4	921.4	999.1	1108.5	1204.1	1309.5	1425.1	1521.4
37.5°	731.9	811.6	901.9	1012.4	1144.5	1230.8	1381.3	1518.7	1637.4	1777.0	1863.0
35°	935.7	1039.7	1119.6	1342.9	1503.6	1604.6	1782.7	2008.6	2095.3	2271.0	2354.4
32.5°	1191.9	1330.1	1540.4	1836.2	2050.8	2236.7	2502.9	2732.1	2927.5	3103.9	3287.5
30°	1479.9	1693.1	2003.1	2396.0	2614.1	2874.4	3234.5	3506.2	3812.5	4148.8	4266.6
27.5°	1741.1	2060.5	2420.4	2738.8	3051.9	3376.1	3729.9	4079.0	4410.6	4690.4	4878.2
25°	1983.3	2370.0	2719.9	3060.1	3399.3	3764.5	4164.6	4560.6	4925.4	5213.4	5432.3
22.5°	2233.0	2641.7	3016.0	3361.1	3755.8	4169.6	4595.1	5049.2	5464.4	5763.1	6001.6
20°	2467.9	2922.4	3349.3	3742.2	4115.3	4593.0	5083.0	5564.7	6016.9	6372.7	6647.7
17.5°	2840.6	3235.2	3756.9	4267.4	4687.7	5126.6	5781.3	6278.5	6780.3	7206.4	7497.8
15°	3298.4	3732.3	4271.0	4972.1	5548.0	6050.8	6727.2	7536.0	8127.9	8671.8	9045.0
12.5°	3756.6	4247.3	4830.0	5619.0	6438.9	7031.2	7851.8	8876.6	9566.0	10408.2	10823.4
10°	4107.7	4724.0	5324.0	6044.1	6831.5	7674.9	8559.4	9518.3	10439.4	11162.6	11809.1
7.5°	4249.1	4905.5	5600.2	6334.9	7122.2	7992.6	8935.4	9933.1	10881.1	11688.9	12399.3
5°	4354.8	5027.4	5726.6	6477.8	7319.5	8228.5	9185.3	10232.7	11200.9	12066.7	12793.5
2.5°	4421.9	5100.9	5797.1	6560.8	7446.0	8381.9	9369.6	10444.8	11427.4	12318.7	13043.2
0°	4447.7	5116.8	5829.8	6616.1	7492.4	8430.5	9460.8	10548.7	11539.1	12400.8	13146.3
-2.5°	4451.2	5102.0	5831.9	6614.3	7452.9	8399.8	9442.5	10521.3	11491.6	12349.8	13101.9
-5°	4416.3	5066.8	5797.4	6568.0	7407.7	8347.4	9345.4	10387.8	11313.3	12148.6	12872.7
-7.5°	4345.5	4994.1	5708.6	6461.6	7278.6	8190.2	9148.7	10117.8	11025.7	11826.8	12517.9
-10°	4240.4	4875.4	5565.1	6298.8	7071.8	7938.9	8852.9	9778.8	10630.2	11371.0	12010.1
-12.5°	4098.0	4718.4	5377.1	6077.4	6797.0	7623.7	8486.7	9356.3	10132.3	10808.5	11381.9
-15°	3913.2	4519.0	5156.9	5819.2	6517.1	7264.6	8039.0	8836.7	9552.4	10152.2	10676.0
-17.5°	3695.4	4283.0	4888.8	5502.8	6164.9	6866.3	7585.2	8301.2	8911.6	9444.5	9923.5
-20°	3452.7	4018.9	4594.2	5166.6	5767.4	6416.0	7080.0	7708.9	8242.4	8726.5	9164.8



REPORT NUMBER: P627142 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-727-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3180.5	3722.5	4273.9	4809.6	5351.4	5938.7	6531.7	7100.4	7599.3	8013.5	8394.4
-25°	2889.2	3389.9	3910.7	4412.9	4911.6	5437.9	5976.5	6499.8	6938.9	7298.4	7613.2
-27.5°	2595.7	3053.2	3512.0	3984.8	4445.7	4931.4	5419.0	5871.0	6265.3	6596.3	6860.8
-30°	2287.1	2696.1	3115.1	3542.9	3983.0	4427.4	4868.0	5263.8	5608.0	5899.2	6127.7
-32.5°	2030.6	2341.3	2711.2	3099.6	3512.1	3917.1	4300.3	4661.1	4985.4	5239.7	5433.5
-35°	1784.8	2047.9	2324.9	2668.7	3023.1	3395.8	3748.3	4070.3	4359.4	4581.6	4763.9
-37.5°	1573.5	1781.6	2015.9	2261.3	2558.5	2866.5	3184.7	3487.5	3745.3	3939.1	4101.9
-40°	1390.6	1554.9	1742.1	1936.6	2155.3	2376.6	2653.7	2909.2	3119.6	3300.7	3448.3
-42.5°	1225.3	1363.9	1502.1	1661.7	1826.7	2004.6	2199.0	2388.0	2549.5	2701.1	2826.4
-45°	1082.5	1193.3	1303.5	1426.7	1547.8	1692.5	1831.4	1955.4	2086.2	2199.7	2289.1
-47.5°	957.7	1044.1	1138.5	1230.8	1328.0	1437.0	1540.3	1634.6	1730.5	1813.5	1880.1
-50°	846.8	918.4	995.5	1068.0	1146.6	1226.3	1302.7	1377.7	1450.6	1513.8	1562.9
-52.5°	749.6	812.2	872.3	930.0	992.6	1051.6	1107.0	1168.8	1225.8	1275.6	1309.2
-55°	667.0	718.1	767.3	815.5	862.8	907.5	951.6	999.7	1043.7	1083.2	1108.3
-57.5°	589.4	632.9	674.6	713.9	751.5	787.0	824.2	861.1	895.0	924.8	944.1
-60°	518.7	554.3	590.3	622.5	652.7	681.1	712.4	742.0	769.3	792.3	805.7
-62.5°	454.0	485.9	512.5	537.9	563.7	589.3	611.5	633.3	654.4	672.2	683.9
-65°	386.4	413.4	436.0	456.5	474.9	494.7	513.7	530.8	546.0	557.6	565.0
-67.5°	325.9	345.7	363.9	380.1	396.6	412.5	427.0	440.0	451.5	459.5	464.9
-70°	273.3	288.5	303.3	318.1	332.7	345.1	355.7	365.4	374.2	377.9	379.5
-72.5°	227.1	240.6	253.6	266.7	278.8	288.5	296.3	303.4	309.8	304.3	294.7
-75°	185.2	197.1	209.3	220.7	231.5	238.9	244.7	250.0	254.8	242.8	226.3
-77.5°	150.9	161.3	170.4	179.3	188.2	192.9	196.6	200.2	203.6	190.3	173.4
-80°	112.0	120.4	128.0	135.6	143.0	145.8	147.4	148.5	149.1	137.7	124.4
-82.5°	75.6	80.0	84.2	88.6	93.1	95.5	97.2	98.6	99.6	91.4	82.3
-85°	42.4	43.7	44.7	45.6	46.3	47.8	49.2	50.5	51.7	47.8	43.6
-87.5°	14.6	14.6	14.5	14.4	14.2	14.3	14.3	14.3	14.2	13.6	12.9
-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: P627142 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-727-U-WR-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	0.1	0.2
62.5°	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.7	0.7	0.7
60°	2.0	1.2	1.0	1.0	1.0	1.2	2.0	2.7	3.1	4.0	4.3
57.5°	20.8	18.2	16.3	14.7	16.3	18.2	20.8	22.4	22.5	29.1	30.0
55°	138.7	129.1	117.5	103.7	117.5	129.1	138.7	141.2	135.3	123.5	111.5
52.5°	272.0	281.1	286.3	285.8	286.3	281.1	272.0	262.7	253.8	241.6	230.8
50°	358.0	363.0	363.2	359.1	363.2	363.0	358.0	349.9	339.8	325.7	303.0
47.5°	524.6	517.7	505.9	493.1	505.9	517.7	524.6	518.1	503.8	474.2	417.5
45°	915.4	937.5	936.0	907.8	936.0	937.5	915.4	875.3	814.5	759.2	719.0
42.5°	1250.9	1283.9	1307.3	1319.2	1307.3	1283.9	1250.9	1210.5	1138.0	1054.0	964.7
40°	1575.6	1607.5	1621.6	1620.8	1621.6	1607.5	1575.6	1521.4	1425.1	1309.5	1204.1
37.5°	1918.7	1960.0	1980.0	1970.5	1980.0	1960.0	1918.7	1863.0	1777.0	1637.4	1518.7
35°	2390.5	2429.2	2429.9	2410.2	2429.9	2429.2	2390.5	2354.4	2271.0	2095.3	2008.6
32.5°	3433.3	3446.2	3346.9	3311.7	3346.9	3446.2	3433.3	3287.5	3103.9	2927.5	2732.1
30°	4383.8	4475.5	4560.7	4603.7	4560.7	4475.5	4383.8	4266.6	4148.8	3812.5	3506.2
27.5°	5019.7	5129.9	5198.2	5202.6	5198.2	5129.9	5019.7	4878.2	4690.4	4410.6	4079.0
25°	5598.1	5721.4	5795.8	5821.4	5795.8	5721.4	5598.1	5432.3	5213.4	4925.4	4560.6
22.5°	6204.0	6349.3	6445.6	6465.3	6445.6	6349.3	6204.0	6001.6	5763.1	5464.4	5049.2
20°	6907.0	7076.2	7168.5	7164.7	7168.5	7076.2	6907.0	6647.7	6372.7	6016.9	5564.7
17.5°	7832.6	8014.0	8093.7	8058.9	8093.7	8014.0	7832.6	7497.8	7206.4	6780.3	6278.5
15°	9428.1	9807.5	9805.9	9654.5	9805.9	9807.5	9428.1	9045.0	8671.8	8127.9	7536.0
12.5°	11396.0	11678.8	11968.9	12031.2	11968.9	11678.8	11396.0	10823.4	10408.2	9566.0	8876.6
10°	12353.6	12729.1	12977.0	12970.4	12977.0	12729.1	12353.6	11809.1	11162.6	10439.4	9518.3
7.5°	12952.7	13367.6	13667.9	13661.4	13667.9	13367.6	12952.7	12399.3	11688.9	10881.1	9933.1
5°	13415.0	13875.2	14141.2	14160.9	14141.2	13875.2	13415.0	12793.5	12066.7	11200.9	10232.7
2.5°	13655.2	14135.4	14455.3	14413.2	14455.3	14135.4	13655.2	13043.2	12318.7	11427.4	10444.8
0°	13755.7	14231.0	14529.4	14658.2	14529.4	14231.0	13755.7	13146.3	12400.8	11539.1	10548.7
-2.5°	13711.8	14174.3	14504.1	14516.8	14504.1	14174.3	13711.8	13101.9	12349.8	11491.6	10521.3
-5°	13476.9	13964.9	14185.9	14303.2	14185.9	13964.9	13476.9	12872.7	12148.6	11313.3	10387.8
-7.5°	13098.0	13463.7	13744.4	13874.0	13744.4	13463.7	13098.0	12517.9	11826.8	11025.7	10117.8
-10°	12508.3	12887.0	13124.2	13231.1	13124.2	12887.0	12508.3	12010.1	11371.0	10630.2	9778.8
-12.5°	11855.1	12199.2	12424.7	12514.9	12424.7	12199.2	11855.1	11381.9	10808.5	10132.3	9356.3
-15°	11126.2	11438.7	11646.3	11732.8	11646.3	11438.7	11126.2	10676.0	10152.2	9552.4	8836.7
-17.5°	10324.0	10597.8	10804.6	10866.9	10804.6	10597.8	10324.0	9923.5	9444.5	8911.6	8301.2
-20°	9499.0	9746.5	9916.9	9954.0	9916.9	9746.5	9499.0	9164.8	8726.5	8242.4	7708.9



REPORT NUMBER: P627142 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-727-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8667.8	8871.7	9010.1	9056.7	9010.1	8871.7	8667.8	8394.4	8013.5	7599.3	7100.4
-25°	7855.5	8031.5	8142.8	8184.5	8142.8	8031.5	7855.5	7613.2	7298.4	6938.9	6499.8
-27.5°	7074.2	7238.3	7340.6	7354.2	7340.6	7238.3	7074.2	6860.8	6596.3	6265.3	5871.0
-30°	6305.5	6441.0	6519.8	6553.3	6519.8	6441.0	6305.5	6127.7	5899.2	5608.0	5263.8
-32.5°	5587.1	5705.5	5776.3	5795.2	5776.3	5705.5	5587.1	5433.5	5239.7	4985.4	4661.1
-35°	4908.9	5018.2	5081.0	5075.9	5081.0	5018.2	4908.9	4763.9	4581.6	4359.4	4070.3
-37.5°	4236.5	4337.4	4394.4	4389.1	4394.4	4337.4	4236.5	4101.9	3939.1	3745.3	3487.5
-40°	3569.6	3656.7	3706.9	3719.0	3706.9	3656.7	3569.6	3448.3	3300.7	3119.6	2909.2
-42.5°	2930.6	3011.0	3051.1	3035.3	3051.1	3011.0	2930.6	2826.4	2701.1	2549.5	2388.0
-45°	2351.6	2393.1	2420.4	2437.4	2420.4	2393.1	2351.6	2289.1	2199.7	2086.2	1955.4
-47.5°	1928.9	1963.3	1981.9	1985.1	1981.9	1963.3	1928.9	1880.1	1813.5	1730.5	1634.6
-50°	1601.1	1630.4	1643.3	1639.6	1643.3	1630.4	1601.1	1562.9	1513.8	1450.6	1377.7
-52.5°	1333.4	1350.4	1361.9	1367.4	1361.9	1350.4	1333.4	1309.2	1275.6	1225.8	1168.8
-55°	1127.1	1140.4	1148.1	1150.7	1148.1	1140.4	1127.1	1108.3	1083.2	1043.7	999.7
-57.5°	960.3	972.9	977.5	975.8	977.5	972.9	960.3	944.1	924.8	895.0	861.1
-60°	816.0	823.1	828.5	831.3	828.5	823.1	816.0	805.7	792.3	769.3	742.0
-62.5°	693.2	699.9	705.6	708.8	705.6	699.9	693.2	683.9	672.2	654.4	633.3
-65°	570.2	573.2	574.0	572.7	574.0	573.2	570.2	565.0	557.6	546.0	530.8
-67.5°	468.8	471.3	473.0	473.2	473.0	471.3	468.8	464.9	459.5	451.5	440.0
-70°	381.1	382.2	381.0	378.0	381.0	382.2	381.1	379.5	377.9	374.2	365.4
-72.5°	284.7	274.3	263.9	252.3	263.9	274.3	284.7	294.7	304.3	309.8	303.4
-75°	209.3	191.6	185.2	179.0	185.2	191.6	209.3	226.3	242.8	254.8	250.0
-77.5°	155.7	137.3	132.4	127.7	132.4	137.3	155.7	173.4	190.3	203.6	200.2
-80°	110.6	96.2	93.1	90.0	93.1	96.2	110.6	124.4	137.7	149.1	148.5
-82.5°	72.7	62.7	60.6	58.6	60.6	62.7	72.7	82.3	91.4	99.6	98.6
-85°	39.1	34.5	33.5	32.5	33.5	34.5	39.1	43.6	47.8	51.7	50.5
-87.5°	12.2	11.5	11.5	11.5	11.5	11.5	12.2	12.9	13.6	14.2	14.3
-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: P627142 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.2	0.4	0.6	0.8	0.8	0.8	0.7	0.7
85°	0.0	0.0	0.0	0.3	0.5	0.8	1.0	1.0	1.0	1.0	1.0
82.5°	0.0	0.0	0.0	0.3	0.5	0.8	1.0	1.0	1.0	1.0	1.0
80°	0.0	0.0	0.0	0.3	0.5	0.8	1.0	1.0	1.0	1.0	1.0
77.5°	0.0	0.0	0.1	0.3	0.6	0.8	1.0	1.0	1.0	1.0	1.0
75°	0.0	0.0	0.1	0.3	0.6	0.8	1.0	1.0	1.0	1.0	1.0
72.5°	0.0	0.0	0.1	0.3	0.6	0.9	1.0	1.0	1.0	1.0	1.0
70°	0.0	0.0	0.0	0.0	0.1	0.3	0.6	0.8	1.0	1.0	1.0
67.5°	0.0	0.0	0.2	0.4	0.5	0.5	0.5	0.5	0.8	1.0	1.0
65°	0.2	0.2	0.2	0.5	0.7	1.0	1.0	0.9	0.9	1.1	1.0
62.5°	0.8	1.0	0.9	0.8	0.9	1.3	1.3	1.4	1.3	1.6	2.3
60°	3.4	1.7	3.7	4.4	3.4	3.3	5.9	5.5	2.1	7.8	9.5
57.5°	23.0	21.2	30.3	29.4	17.6	25.1	30.0	20.1	14.0	22.3	26.8
55°	100.3	98.0	95.5	89.9	82.4	76.8	75.7	75.5	60.0	43.5	49.3
52.5°	219.8	195.6	178.4	170.0	157.9	139.7	125.1	122.2	118.5	98.0	81.0
50°	282.2	277.9	259.3	230.6	227.9	209.6	184.2	166.7	164.4	150.4	124.5
47.5°	405.5	405.5	367.2	332.3	322.1	306.2	274.0	226.7	222.4	210.5	181.6
45°	657.1	611.4	590.1	522.8	449.7	421.5	394.7	337.7	291.2	272.9	252.7
42.5°	890.3	822.5	766.3	698.9	618.4	547.8	497.5	434.9	378.7	339.8	310.8
40°	1108.5	999.1	921.4	836.4	748.8	661.5	599.2	520.5	456.5	404.2	373.5
37.5°	1381.3	1230.8	1144.5	1012.4	901.9	811.6	731.9	631.8	528.8	486.3	448.2
35°	1782.7	1604.6	1503.6	1342.9	1119.6	1039.7	935.7	785.8	655.5	582.7	535.6
32.5°	2502.9	2236.7	2050.8	1836.2	1540.4	1330.1	1191.9	1025.2	816.5	711.7	633.7
30°	3234.5	2874.4	2614.1	2396.0	2003.1	1693.1	1479.9	1243.8	1018.9	848.8	742.8
27.5°	3729.9	3376.1	3051.9	2738.8	2420.4	2060.5	1741.1	1438.1	1192.1	1001.9	865.0
25°	4164.6	3764.5	3399.3	3060.1	2719.9	2370.0	1983.3	1642.7	1354.0	1136.4	957.8
22.5°	4595.1	4169.6	3755.8	3361.1	3016.0	2641.7	2233.0	1841.2	1509.3	1284.0	1069.3
20°	5083.0	4593.0	4115.3	3742.2	3349.3	2922.4	2467.9	2094.3	1769.1	1460.4	1191.4
17.5°	5781.3	5126.6	4687.7	4267.4	3756.9	3235.2	2840.6	2449.0	2048.6	1646.8	1319.4
15°	6727.2	6050.8	5548.0	4972.1	4271.0	3732.3	3298.4	2822.8	2348.6	1867.4	1471.8
12.5°	7851.8	7031.2	6438.9	5619.0	4830.0	4247.3	3756.6	3224.3	2641.7	2066.9	1613.5
10°	8559.4	7674.9	6831.5	6044.1	5324.0	4724.0	4107.7	3457.7	2809.7	2217.3	1736.1
7.5°	8935.4	7992.6	7122.2	6334.9	5600.2	4905.5	4249.1	3594.5	2944.9	2334.9	1839.8
5°	9185.3	8228.5	7319.5	6477.8	5726.6	5027.4	4354.8	3687.2	3046.5	2421.5	1924.5
2.5°	9369.6	8381.9	7446.0	6560.8	5797.1	5100.9	4421.9	3741.3	3099.6	2468.0	1954.0
0°	9460.8	8430.5	7492.4	6616.1	5829.8	5116.8	4447.7	3760.9	3111.7	2487.7	1966.3
-2.5°	9442.5	8399.8	7452.9	6614.3	5831.9	5102.0	4451.2	3771.5	3115.1	2502.5	1975.0
-5°	9345.4	8347.4	7407.7	6568.0	5797.4	5066.8	4416.3	3748.4	3090.7	2490.7	1966.7
-7.5°	9148.7	8190.2	7278.6	6461.6	5708.6	4994.1	4345.5	3691.8	3041.2	2450.1	1942.1
-10°	8852.9	7938.9	7071.8	6298.8	5565.1	4875.4	4240.4	3596.2	2959.5	2383.4	1899.6
-12.5°	8486.7	7623.7	6797.0	6077.4	5377.1	4718.4	4098.0	3461.3	2845.9	2290.7	1839.0
-15°	8039.0	7264.6	6517.1	5819.2	5156.9	4519.0	3913.2	3293.4	2701.6	2171.3	1760.3
-17.5°	7585.2	6866.3	6164.9	5502.8	4888.8	4283.0	3695.4	3106.8	2540.5	2042.6	1668.1
-20°	7080.0	6416.0	5767.4	5166.6	4594.2	4018.9	3452.7	2886.6	2356.0	1922.2	1586.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627142 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3C-727-U-WR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6531.7	5938.7	5351.4	4809.6	4273.9	3722.5	3180.5	2646.1	2142.8	1787.1	1494.1
-25°	5976.5	5437.9	4911.6	4412.9	3910.7	3389.9	2889.2	2401.3	1985.2	1659.6	1394.2
-27.5°	5419.0	4931.4	4445.7	3984.8	3512.0	3053.2	2595.7	2153.4	1814.5	1537.6	1301.1
-30°	4868.0	4427.4	3983.0	3542.9	3115.1	2696.1	2287.1	1952.0	1657.5	1407.3	1197.0
-32.5°	4300.3	3917.1	3512.1	3099.6	2711.2	2341.3	2030.6	1748.3	1493.6	1287.3	1104.3
-35°	3748.3	3395.8	3023.1	2668.7	2324.9	2047.9	1784.8	1553.9	1350.3	1167.5	1011.9
-37.5°	3184.7	2866.5	2558.5	2261.3	2015.9	1781.6	1573.5	1384.9	1209.0	1063.6	929.7
-40°	2653.7	2376.6	2155.3	1936.6	1742.1	1554.9	1390.6	1228.6	1092.7	964.8	849.5
-42.5°	2199.0	2004.6	1826.7	1661.7	1502.1	1363.9	1225.3	1099.2	980.6	873.4	777.6
-45°	1831.4	1692.5	1547.8	1426.7	1303.5	1193.3	1082.5	978.7	879.0	791.6	706.6
-47.5°	1540.3	1437.0	1328.0	1230.8	1138.5	1044.1	957.7	868.2	790.9	713.1	642.2
-50°	1302.7	1226.3	1146.6	1068.0	995.5	918.4	846.8	776.3	708.3	643.7	579.2
-52.5°	1107.0	1051.6	992.6	930.0	872.3	812.2	749.6	693.0	634.5	577.5	521.2
-55°	951.6	907.5	862.8	815.5	767.3	718.1	667.0	616.2	565.7	513.9	471.3
-57.5°	824.2	787.0	751.5	713.9	674.6	632.9	589.4	543.9	502.7	463.5	424.8
-60°	712.4	681.1	652.7	622.5	590.3	554.3	518.7	483.0	447.2	413.2	380.1
-62.5°	611.5	589.3	563.7	537.9	512.5	485.9	454.0	422.5	392.2	363.0	335.7
-65°	513.7	494.7	474.9	456.5	436.0	413.4	386.4	361.8	338.0	314.0	291.4
-67.5°	427.0	412.5	396.6	380.1	363.9	345.7	325.9	305.5	286.4	266.7	249.8
-70°	355.7	345.1	332.7	318.1	303.3	288.5	273.3	257.2	239.8	222.2	208.6
-72.5°	296.3	288.5	278.8	266.7	253.6	240.6	227.1	212.8	197.5	181.2	168.1
-75°	244.7	238.9	231.5	220.7	209.3	197.1	185.2	172.2	157.3	140.5	127.3
-77.5°	196.6	192.9	188.2	179.3	170.4	161.3	150.9	135.7	120.6	106.3	96.6
-80°	147.4	145.8	143.0	135.6	128.0	120.4	112.0	100.4	89.4	79.1	71.1
-82.5°	97.2	95.5	93.1	88.6	84.2	80.0	75.6	67.9	60.2	52.8	46.4
-85°	49.2	47.8	46.3	45.6	44.7	43.7	42.4	37.9	33.7	29.6	26.1
-87.5°	14.3	14.3	14.2	14.4	14.5	14.6	14.6	13.5	12.4	11.4	10.4
-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: P627142 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-727-U-WR-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°	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.3	0.3
85°	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.8	0.7	0.6
82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
80°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
77.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
72.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
70°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0
67.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.3	1.0	1.0
65°	1.0	1.0	1.1	1.5	1.4	1.0	1.0	2.0	1.7	1.5	1.0
62.5°	2.0	1.0	2.7	3.6	2.3	1.9	1.5	4.3	2.8	1.9	1.4
60°	4.7	3.8	7.3	11.1	8.0	3.1	4.6	7.5	6.9	2.5	1.9
57.5°	24.2	11.0	16.3	21.3	20.3	11.4	9.2	12.8	11.6	6.8	2.7
55°	50.2	42.7	34.0	33.8	34.2	27.1	19.3	19.9	17.6	12.5	3.9
52.5°	76.4	74.0	65.9	53.7	49.3	44.6	36.5	28.2	26.1	18.7	9.8
50°	108.9	103.0	96.5	84.0	68.1	61.8	53.5	43.0	35.6	26.1	16.3
47.5°	146.1	135.8	126.1	113.9	96.5	80.1	70.8	58.4	46.0	35.8	22.8
45°	204.2	170.5	157.4	143.3	125.4	104.9	88.8	73.5	59.5	45.6	29.3
42.5°	263.8	216.9	189.4	173.6	154.9	131.8	107.5	90.4	73.0	55.4	37.0
40°	323.8	265.8	224.2	204.4	185.4	158.5	131.3	107.9	86.1	65.5	45.5
37.5°	388.7	320.5	264.2	236.4	216.3	187.4	155.5	125.9	99.5	76.5	53.9
35°	469.4	385.4	307.7	273.4	246.5	216.8	179.5	145.5	115.6	87.6	62.1
32.5°	560.1	456.9	370.1	313.8	277.1	246.7	205.0	167.4	132.2	98.6	70.2
30°	650.3	530.6	429.3	353.7	309.7	274.8	232.2	189.5	149.0	109.7	78.4
27.5°	719.3	594.2	484.8	401.8	345.7	302.7	259.3	211.8	166.2	121.8	87.4
25°	789.6	653.1	538.5	448.8	380.9	331.1	285.3	234.0	184.4	135.8	96.2
22.5°	871.8	709.0	583.9	491.2	418.3	360.0	310.2	256.5	202.9	149.6	104.8
20°	952.2	760.6	625.7	540.8	459.2	392.3	334.5	278.0	220.9	163.2	113.1
17.5°	1034.7	833.0	694.9	592.1	501.4	424.1	358.6	298.3	238.5	176.5	121.1
15°	1158.9	929.8	764.8	642.8	542.3	455.3	382.2	317.5	255.4	189.2	128.2
12.5°	1275.9	1020.9	832.5	692.3	581.5	485.6	405.0	335.5	271.5	199.8	134.1
10°	1379.4	1105.7	897.4	740.1	618.7	514.7	427.0	349.6	281.1	208.3	139.3
7.5°	1469.4	1183.6	958.6	785.5	650.4	534.4	438.1	357.0	288.3	215.8	144.0
5°	1538.3	1236.5	992.3	803.7	662.4	543.4	446.1	362.9	294.1	222.1	148.0
2.5°	1561.1	1254.2	1005.6	813.9	671.0	549.9	452.3	367.5	298.5	227.4	151.3
0°	1571.6	1262.7	1012.5	819.8	676.4	553.9	456.5	370.6	301.5	231.4	153.9
-2.5°	1583.1	1274.3	1022.1	828.9	682.0	559.3	461.0	375.5	305.9	235.9	158.3
-5°	1582.3	1276.5	1025.2	833.3	684.2	562.2	463.5	379.0	309.0	239.2	162.1
-7.5°	1565.6	1266.6	1021.3	832.5	683.0	562.5	464.2	381.1	310.9	241.3	165.0
-10°	1535.6	1246.0	1009.7	824.9	678.5	560.0	463.1	381.7	311.7	242.2	167.0
-12.5°	1493.5	1216.8	991.2	812.6	670.4	554.8	459.7	379.9	311.3	242.0	168.2
-15°	1439.4	1179.1	965.7	795.5	658.8	547.0	454.3	376.3	308.6	240.2	168.5
-17.5°	1373.9	1133.4	933.0	773.8	643.5	536.6	446.8	371.2	304.9	237.1	168.1
-20°	1313.1	1085.3	895.4	747.3	624.6	523.8	437.3	364.6	300.3	233.2	167.3

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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°	1245.2	1035.3	862.1	722.0	604.6	508.4	425.7	356.7	294.8	228.6	165.8
-25°	1167.5	978.7	823.9	693.8	585.2	493.7	413.8	347.5	288.5	223.4	163.6
-27.5°	1094.5	920.3	781.2	661.3	562.7	476.8	402.0	338.9	281.3	217.5	160.7
-30°	1019.9	869.4	740.3	627.3	538.0	457.8	388.8	329.6	273.1	212.4	157.1
-32.5°	944.2	813.9	696.4	597.8	514.0	437.5	374.3	319.8	264.6	207.3	154.2
-35°	879.0	759.4	649.3	566.1	489.4	420.3	359.9	309.2	255.7	201.6	151.0
-37.5°	809.7	704.0	612.6	534.5	463.0	401.4	346.1	296.9	246.7	195.1	147.1
-40°	747.7	652.3	573.1	504.1	439.3	381.0	330.6	283.7	238.2	188.1	142.5
-42.5°	684.5	605.4	534.6	471.3	415.5	362.3	313.8	269.7	227.3	181.5	137.4
-45°	629.1	557.3	494.8	441.5	390.6	341.9	297.4	255.1	215.5	174.8	131.9
-47.5°	571.9	511.0	457.7	410.5	366.1	320.7	280.1	241.6	203.4	167.4	126.4
-50°	518.6	467.1	422.7	380.4	339.0	300.9	262.8	227.7	192.3	157.5	120.1
-52.5°	471.2	428.2	388.7	350.2	314.7	280.2	247.3	213.5	180.7	147.7	113.2
-55°	429.2	391.0	355.4	322.1	290.2	261.8	231.4	200.2	168.7	137.6	105.9
-57.5°	389.1	354.7	324.4	294.8	267.6	242.9	215.9	186.4	156.6	127.0	99.3
-60°	348.7	321.0	294.1	269.2	245.7	223.3	200.4	172.2	144.0	116.1	91.4
-62.5°	310.0	286.8	266.1	244.2	222.7	202.9	184.4	157.5	130.9	105.3	82.6
-65°	272.1	254.3	237.6	217.0	198.3	181.8	166.4	142.3	117.1	93.9	73.4
-67.5°	234.4	219.8	204.8	188.2	174.3	160.8	147.2	125.4	102.5	81.8	64.1
-70°	196.5	184.0	173.4	162.8	151.3	139.4	125.8	107.2	87.1	70.3	54.6
-72.5°	159.3	151.7	145.3	137.9	128.1	116.8	104.1	88.9	73.3	58.6	44.7
-75°	122.7	121.1	119.2	114.4	105.0	94.5	84.2	72.6	59.2	46.5	36.4
-77.5°	96.6	96.0	94.7	91.3	83.1	74.5	65.6	55.9	45.7	36.9	28.6
-80°	71.6	71.5	70.9	68.8	61.8	54.5	48.3	42.1	34.6	27.4	20.6
-82.5°	47.1	47.8	48.1	47.4	42.7	38.1	33.6	29.1	23.3	17.8	13.8
-85°	26.9	27.4	27.5	27.2	24.3	21.4	19.5	17.6	14.5	11.8	9.2
-87.5°	11.2	11.8	12.3	12.6	11.7	10.7	9.8	8.8	7.3	5.9	4.6
-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):**

	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°	0.3	0.2	0.2	0.1	0.1	0.0	0.0
85°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
82.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
80°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
77.5°	1.0	1.0	0.9	0.6	0.4	0.2	0.0
75°	1.0	1.0	1.0	0.8	0.5	0.3	0.0
72.5°	1.0	1.0	1.0	0.9	0.6	0.3	0.0
70°	1.0	1.0	1.0	1.0	0.7	0.3	0.0
67.5°	1.1	1.0	1.0	1.0	0.8	0.4	0.0
65°	1.2	1.1	1.0	1.0	0.8	0.4	0.0
62.5°	1.4	1.4	1.0	1.0	0.9	0.5	0.0
60°	1.6	1.6	1.0	1.0	1.0	0.5	0.0
57.5°	2.8	1.9	1.3	1.0	1.0	0.5	0.0
55°	4.3	2.3	1.6	1.0	1.0	0.6	0.0
52.5°	6.0	2.9	2.0	1.0	1.0	0.6	0.0
50°	8.0	4.7	2.3	1.0	1.1	0.6	0.0
47.5°	10.6	6.6	2.7	1.1	1.1	0.7	0.0
45°	16.3	8.7	3.1	1.4	1.1	0.7	0.0
42.5°	21.9	10.9	3.5	1.7	1.2	0.7	0.0
40°	27.6	13.1	4.6	2.0	1.2	0.8	0.0
37.5°	33.1	15.5	6.4	2.5	1.3	0.8	0.0
35°	38.7	19.3	8.2	3.0	1.3	0.8	0.0
32.5°	44.5	23.7	10.0	3.5	1.3	0.8	0.0
30°	51.1	28.0	11.8	4.1	1.4	0.9	0.0
27.5°	57.4	32.1	14.0	4.7	1.5	0.9	0.0
25°	63.5	36.1	16.1	5.3	1.5	0.9	0.0
22.5°	69.4	40.0	18.1	6.0	1.6	0.9	0.0
20°	75.0	43.7	20.1	6.6	1.6	0.9	0.0
17.5°	80.2	47.3	22.0	7.3	1.7	1.0	0.0
15°	84.9	50.6	23.9	7.9	1.8	1.0	0.0
12.5°	89.3	53.7	25.6	8.6	1.8	1.0	0.0
10°	93.2	56.5	27.2	9.2	1.9	1.0	0.0
7.5°	96.7	59.0	28.8	9.9	1.9	1.0	0.0
5°	99.8	61.3	30.1	10.4	2.0	1.0	0.0
2.5°	102.5	63.2	31.4	11.0	2.0	1.0	0.0
0°	104.7	64.9	32.5	11.5	2.1	1.0	0.0
-2.5°	107.5	66.9	34.0	12.2	2.4	1.1	0.0
-5°	109.9	68.7	35.3	12.9	2.7	1.1	0.0
-7.5°	111.8	70.1	36.4	13.5	3.0	1.2	0.0
-10°	113.1	71.1	37.3	14.0	3.3	1.3	0.0
-12.5°	113.9	71.8	38.0	14.5	3.6	1.3	0.0
-15°	114.1	72.1	38.5	14.9	3.8	1.4	0.0
-17.5°	113.8	72.1	38.7	15.1	4.1	1.4	0.0
-20°	113.5	71.7	38.6	15.3	4.3	1.5	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	113.5	70.9	38.3	15.4	4.5	1.5	0.0
-25°	113.0	70.7	37.7	15.4	4.7	1.5	0.0
-27.5°	111.9	70.3	36.8	15.3	4.8	1.5	0.0
-30°	110.3	69.6	35.8	15.1	4.9	1.6	0.0
-32.5°	108.1	68.4	35.3	14.8	5.0	1.6	0.0
-35°	106.0	66.8	34.6	14.3	5.0	1.6	0.0
-37.5°	103.6	65.0	33.5	13.8	5.1	1.6	0.0
-40°	100.6	63.4	32.2	13.1	5.0	1.6	0.0
-42.5°	97.0	61.4	31.2	12.5	5.0	1.5	0.0
-45°	92.9	59.0	30.6	12.1	4.9	1.5	0.0
-47.5°	88.2	56.2	29.7	11.4	4.8	1.5	0.0
-50°	84.1	53.0	28.4	11.2	4.7	1.4	0.0
-52.5°	79.6	49.4	26.9	11.0	4.5	1.4	0.0
-55°	74.7	46.5	25.0	10.8	4.3	1.3	0.0
-57.5°	69.3	43.4	22.9	10.3	4.0	1.3	0.0
-60°	63.6	39.8	20.5	9.8	3.8	1.2	0.0
-62.5°	58.0	35.8	19.1	9.1	3.5	1.1	0.0
-65°	51.9	31.4	17.4	8.3	3.3	1.0	0.0
-67.5°	45.3	27.5	15.6	7.4	3.0	0.9	0.0
-70°	38.2	24.1	13.6	6.4	2.7	0.9	0.0
-72.5°	32.5	20.5	11.4	5.6	2.4	0.8	0.0
-75°	26.6	16.6	9.0	4.9	2.1	0.7	0.0
-77.5°	20.5	12.5	7.5	4.1	1.8	0.6	0.0
-80°	14.2	9.5	6.1	3.3	1.4	0.4	0.0
-82.5°	10.4	7.2	4.6	2.5	1.1	0.3	0.0
-85°	7.0	4.8	3.1	1.7	0.7	0.2	0.0
-87.5°	3.5	2.4	1.5	0.9	0.4	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)