

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: P626911 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-730-U-VWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
 Report Number: P626911 (CONVERTED FROM TYPE C PHOTOMETRY)  
 TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-17)  
 Test Lab: COOPER LIGHTING SOLUTIONS  
 Issue Date: 12/7/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: MCGRAW-EDISON  
 Catalog Number: GFLD-SA2C-730-U-VWR-XX  
 Description: GALLEON FLOOD, TWO LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N46  
 Light Source: (32) 3000K CCT, 70 CRI LEDS  
 Ballast/Driver: -

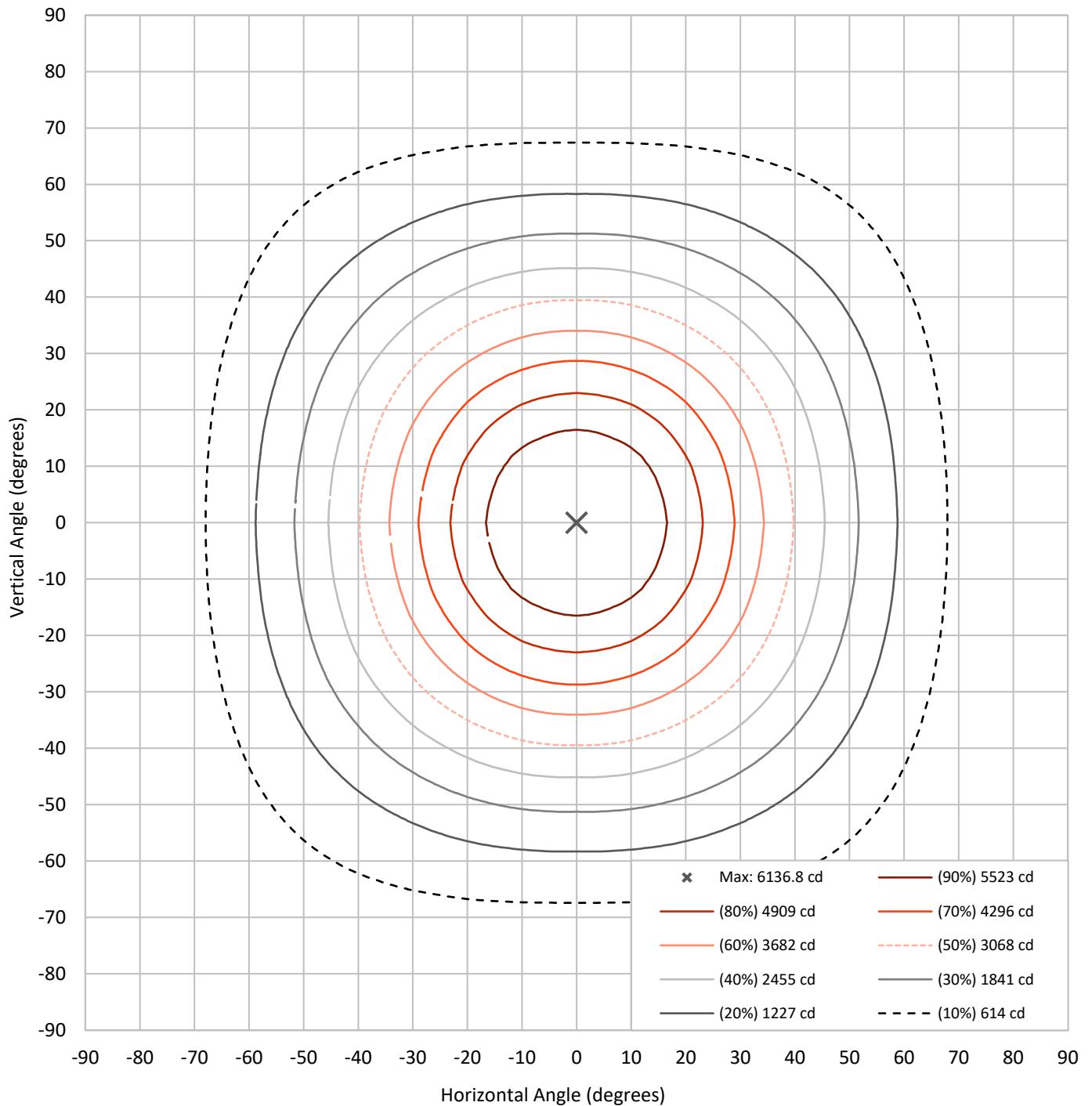
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	11091.6 lumens	Max Intensity:	6136.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	134.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	79.6°H x 78.9°V	Field Angle (10%):	135.9°H x 134.8°V
Beam Lumens:	6505.3 lumens	Field Lumens:	10574 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	82.6		
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





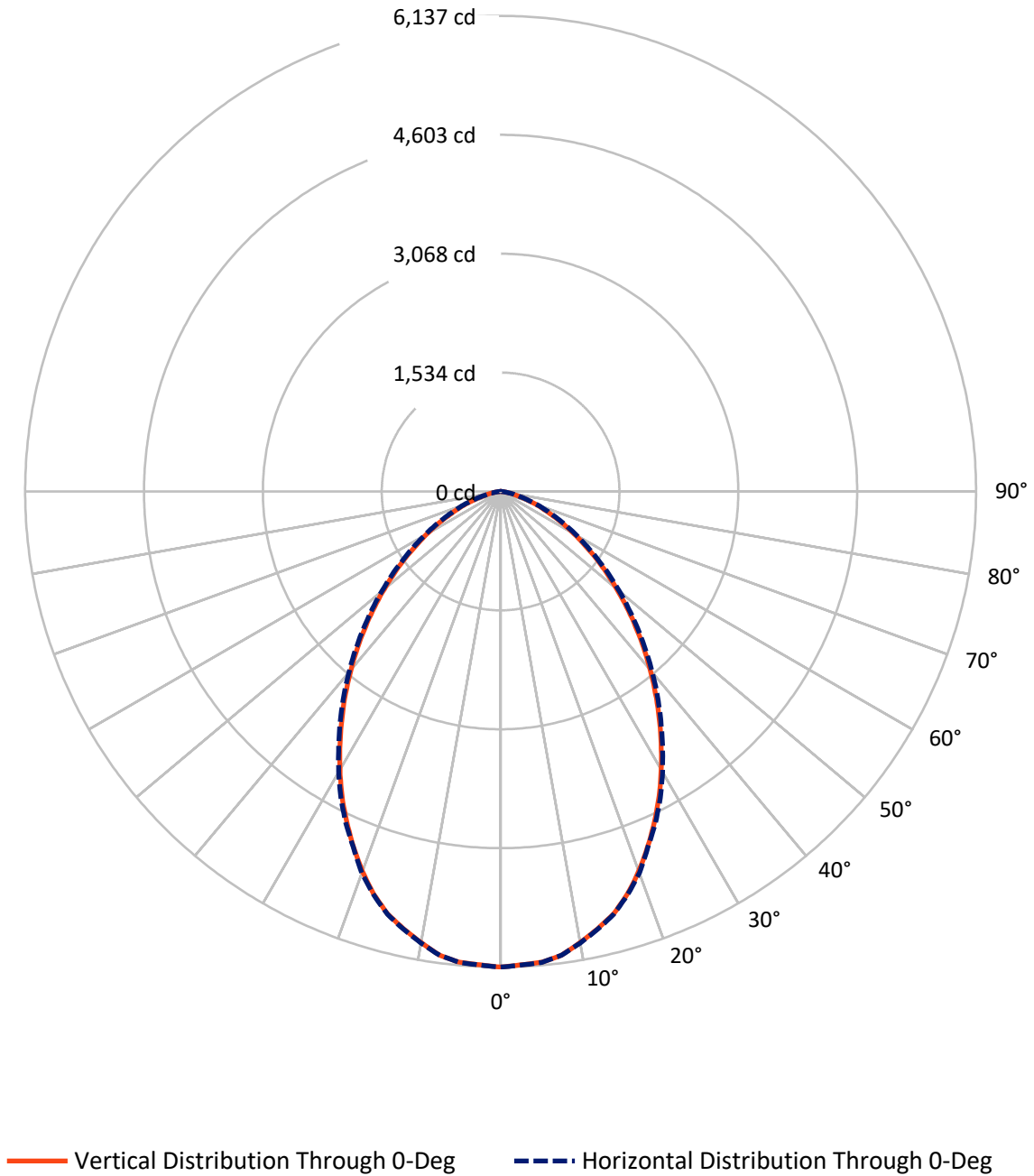
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### Lumen Table

90																			
80	0.4		4.5		12.4		21.0		19.8		21.0		12.4		4.5		0.4		
70																			
60	2.1		2.8	5.7	9.8	14.3	18.5	21.6	23.1	23.1	21.6	18.5	14.3	9.8	5.7	2.8		2.1	
50																			
40	3.6		4.3	9.3	16.6	25.2	34.2	41.7	45.5	45.5	41.7	34.2	25.2	16.6	9.3	4.3		3.6	
30																			
20	4.7		5.7	13.5	24.9	39.4	54.7	67.5	74.4	74.4	67.5	54.7	39.4	24.9	13.5	5.7		4.7	
10																			
0	5.1		7.2	17.9	34.3	55.2	77.4	96.4	107.2	107.2	96.4	77.4	55.2	34.3	17.9	7.2		5.1	
-10																			
-20	4.7		8.7	22.0	43.1	70.3	99.8	125.5	140.3	140.3	125.5	99.8	70.3	43.1	22.0	8.7		4.7	
-30																			
-40	3.6		9.8	25.2	49.7	82.1	118.0	149.6	167.6	167.6	149.6	118.0	82.1	49.7	25.2	9.8		3.6	
-50																			
-60	2.1		10.4	26.9	53.5	88.6	128.0	162.6	181.5	181.5	162.6	128.0	88.6	53.5	26.9	10.4		2.1	
-70																			
-80	0.4		10.4	26.9	53.5	88.6	128.0	162.6	181.5	181.5	162.6	128.0	88.6	53.5	26.9	10.4		0.4	
-90																			

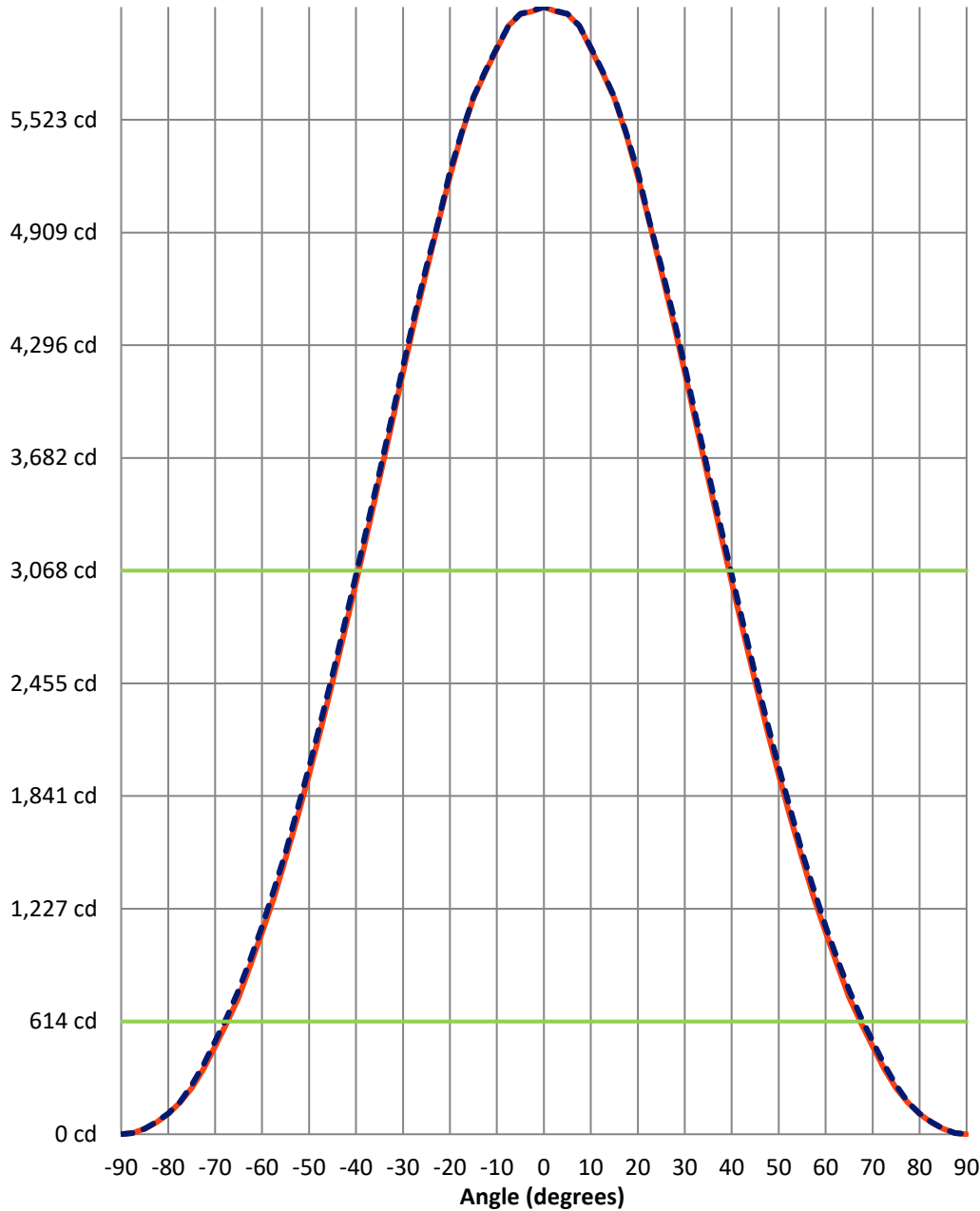
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 79.6°  
 V Angle: 78.9°  
 Lumens: 6505.3  
 Efficiency: 58.7%

**Field:**  
 H Angle: 135.9°  
 V Angle: 134.8°  
 Lumens: 10574  
 Efficiency: 95.3%

**Spill:**  
 Lumens: 517.6  
 Efficiency: 4.7%

- 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	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.1	3.5	3.9
85°	0.0	0.7	1.6	2.4	3.2	4.0	4.8	5.5	6.3	7.0	7.8
82.5°	0.0	1.0	2.4	3.6	4.8	6.0	7.1	8.3	10.4	16.3	22.0
80°	0.0	1.4	3.2	4.8	6.4	7.9	10.7	19.1	27.1	34.9	42.3
77.5°	0.0	1.7	4.0	6.0	7.9	12.4	23.4	33.9	43.8	53.3	65.1
75°	0.0	2.1	4.7	7.1	10.3	21.5	35.7	48.6	61.0	78.0	96.1
72.5°	0.0	2.4	5.5	8.3	16.5	30.3	47.6	64.4	83.8	104.6	126.5
70°	0.0	2.7	6.2	9.9	22.4	38.8	59.6	83.3	106.2	130.6	159.2
67.5°	0.0	3.0	6.9	13.6	28.1	47.0	73.9	101.9	128.1	159.0	191.7
65°	0.0	3.4	7.6	17.1	33.5	56.1	87.6	119.9	151.8	186.4	222.1
62.5°	0.0	3.7	8.2	20.5	38.7	66.1	100.6	138.7	174.6	212.7	249.3
60°	0.0	3.9	8.9	23.7	43.6	75.5	112.9	157.3	196.7	237.3	276.1
57.5°	0.0	4.2	10.7	26.7	50.0	84.4	125.8	174.7	218.3	261.5	301.6
55°	0.0	4.5	12.4	29.4	56.2	92.6	138.0	189.8	239.7	284.8	326.0
52.5°	0.0	4.8	14.1	32.0	61.9	100.5	149.3	205.4	260.5	306.3	349.7
50°	0.0	5.0	15.7	34.4	67.2	108.8	159.7	220.3	280.3	327.1	377.0
47.5°	0.0	5.2	17.2	36.8	72.0	116.4	169.4	234.1	298.3	347.3	403.7
45°	0.0	5.5	18.7	40.0	76.3	123.3	180.3	246.8	312.2	370.1	429.3
42.5°	0.0	5.7	20.1	42.9	80.2	129.3	190.2	258.5	325.5	391.9	459.4
40°	0.0	5.9	21.4	45.9	84.0	134.7	199.2	269.6	339.4	412.4	488.7
37.5°	0.0	6.0	22.6	48.8	87.8	139.2	207.2	280.1	355.0	431.8	516.2
35°	0.0	6.2	23.7	51.5	91.1	144.5	214.3	290.0	370.2	454.2	543.9
32.5°	0.0	6.3	24.8	54.0	93.8	149.7	220.9	299.2	384.9	475.6	573.2
30°	0.0	6.5	25.7	56.3	96.0	154.2	227.7	308.5	399.1	496.2	600.7
27.5°	0.0	6.6	26.6	58.4	99.3	157.9	233.9	319.2	413.7	515.7	626.1
25°	0.0	6.7	27.3	60.3	102.4	160.9	239.3	329.2	429.0	535.5	649.6
22.5°	0.0	6.8	28.0	61.9	105.1	163.9	243.9	338.4	443.0	554.3	674.7
20°	0.0	6.9	28.6	63.3	107.5	167.9	247.7	346.6	455.8	571.1	697.2
17.5°	0.0	6.9	29.1	64.5	109.4	171.3	252.5	353.9	467.1	585.8	717.0
15°	0.0	7.0	29.5	65.5	111.0	173.8	257.5	360.8	477.0	598.4	734.1
12.5°	0.0	7.0	29.8	66.3	112.2	175.7	261.5	367.3	485.9	608.9	748.4
10°	0.0	7.0	30.0	66.8	113.1	176.9	264.6	372.3	493.7	618.8	760.4
7.5°	0.0	7.0	30.1	67.1	113.5	177.3	266.7	375.8	499.6	626.7	770.9
5°	0.0	7.0	30.1	67.2	113.6	177.1	267.8	377.8	503.7	632.4	778.3
2.5°	0.0	6.9	30.1	67.0	113.3	176.3	267.8	378.3	505.8	635.9	782.8
0°	0.0	6.9	29.9	66.7	112.7	174.8	266.8	377.2	506.0	637.1	784.3
-2.5°	0.0	6.9	30.1	67.0	113.3	176.3	267.8	378.3	505.8	635.9	782.8
-5°	0.0	7.0	30.1	67.2	113.6	177.1	267.8	377.8	503.7	632.4	778.3
-7.5°	0.0	7.0	30.1	67.1	113.5	177.3	266.7	375.8	499.6	626.7	770.9
-10°	0.0	7.0	30.0	66.8	113.1	176.9	264.6	372.3	493.7	618.8	760.4
-12.5°	0.0	7.0	29.8	66.3	112.2	175.7	261.5	367.3	485.9	608.9	748.4
-15°	0.0	7.0	29.5	65.5	111.0	173.8	257.5	360.8	477.0	598.4	734.1
-17.5°	0.0	6.9	29.1	64.5	109.4	171.3	252.5	353.9	467.1	585.8	717.0
-20°	0.0	6.9	28.6	63.3	107.5	167.9	247.7	346.6	455.8	571.1	697.2

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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	6.8	28.0	61.9	105.1	163.9	243.9	338.4	443.0	554.3	674.7
-25°	0.0	6.7	27.3	60.3	102.4	160.9	239.3	329.2	429.0	535.5	649.6
-27.5°	0.0	6.6	26.6	58.4	99.3	157.9	233.9	319.2	413.7	515.7	626.1
-30°	0.0	6.5	25.7	56.3	96.0	154.2	227.7	308.5	399.1	496.2	600.7
-32.5°	0.0	6.3	24.8	54.0	93.8	149.7	220.9	299.2	384.9	475.6	573.2
-35°	0.0	6.2	23.7	51.5	91.1	144.5	214.3	290.0	370.2	454.2	543.9
-37.5°	0.0	6.0	22.6	48.8	87.8	139.2	207.2	280.1	355.0	431.8	516.2
-40°	0.0	5.9	21.4	45.9	84.0	134.7	199.2	269.6	339.4	412.4	488.7
-42.5°	0.0	5.7	20.1	42.9	80.2	129.3	190.2	258.5	325.5	391.9	459.4
-45°	0.0	5.5	18.7	40.0	76.3	123.3	180.3	246.8	312.2	370.1	429.3
-47.5°	0.0	5.2	17.2	36.8	72.0	116.4	169.4	234.1	298.3	347.3	403.7
-50°	0.0	5.0	15.7	34.4	67.2	108.8	159.7	220.3	280.3	327.1	377.0
-52.5°	0.0	4.8	14.1	32.0	61.9	100.5	149.3	205.4	260.5	306.3	349.7
-55°	0.0	4.5	12.4	29.4	56.2	92.6	138.0	189.8	239.7	284.8	326.0
-57.5°	0.0	4.2	10.7	26.7	50.0	84.4	125.8	174.7	218.3	261.5	301.6
-60°	0.0	3.9	8.9	23.7	43.6	75.5	112.9	157.3	196.7	237.3	276.1
-62.5°	0.0	3.7	8.2	20.5	38.7	66.1	100.6	138.7	174.6	212.7	249.3
-65°	0.0	3.4	7.6	17.1	33.5	56.1	87.6	119.9	151.8	186.4	222.1
-67.5°	0.0	3.0	6.9	13.6	28.1	47.0	73.9	101.9	128.1	159.0	191.7
-70°	0.0	2.7	6.2	9.9	22.4	38.8	59.6	83.3	106.2	130.6	159.2
-72.5°	0.0	2.4	5.5	8.3	16.5	30.3	47.6	64.4	83.8	104.6	126.5
-75°	0.0	2.1	4.7	7.1	10.3	21.5	35.7	48.6	61.0	78.0	96.1
-77.5°	0.0	1.7	4.0	6.0	7.9	12.4	23.4	33.9	43.8	53.3	65.1
-80°	0.0	1.4	3.2	4.8	6.4	7.9	10.7	19.1	27.1	34.9	42.3
-82.5°	0.0	1.0	2.4	3.6	4.8	6.0	7.1	8.3	10.4	16.3	22.0
-85°	0.0	0.7	1.6	2.4	3.2	4.0	4.8	5.5	6.3	7.0	7.8
-87.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.1	3.5	3.9
-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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 CATALOG NUMBER: GFLD-SA2C-730-U-VWR-XX

**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°	4.5	5.2	5.9	6.6	6.7	6.7	6.6	6.5	6.8	7.0	7.3
85°	9.0	10.3	14.3	18.2	20.1	21.2	21.7	21.7	25.2	29.3	33.7
82.5°	28.0	33.7	39.3	44.5	45.8	45.9	45.4	45.6	53.8	63.3	73.0
80°	49.8	57.1	66.8	75.5	79.2	81.1	82.0	81.9	92.3	106.3	120.9
77.5°	79.0	91.4	102.1	111.2	116.1	120.5	124.0	126.7	140.2	157.8	175.3
75°	112.3	125.9	139.3	151.0	159.2	165.3	170.9	180.0	197.6	218.2	236.1
72.5°	147.5	164.7	179.7	192.4	203.9	216.1	229.7	244.7	263.3	283.8	302.5
70°	185.0	204.0	219.6	234.9	250.6	268.9	289.3	309.5	330.2	352.9	374.7
67.5°	221.7	240.0	258.5	277.8	301.2	325.6	349.8	377.6	406.1	431.2	453.8
65°	253.6	275.0	298.1	324.3	353.3	384.3	416.6	450.0	486.0	516.3	543.8
62.5°	284.0	309.8	337.9	370.5	407.4	444.2	485.4	527.2	567.8	603.4	636.3
60°	312.1	343.3	378.8	418.8	461.9	510.8	557.8	605.2	649.7	690.1	731.7
57.5°	339.4	378.7	421.3	469.3	523.8	578.7	633.9	685.0	735.3	784.5	831.6
55°	368.3	415.7	466.3	525.3	586.7	651.6	711.1	768.0	823.6	883.2	940.0
52.5°	400.1	453.0	516.4	582.4	653.3	723.0	788.3	853.2	920.4	987.9	1061.7
50°	430.8	496.7	566.2	642.9	719.6	794.3	869.2	944.0	1024.4	1107.2	1190.8
47.5°	466.6	538.6	620.7	703.0	786.7	869.9	953.3	1043.7	1135.0	1231.0	1323.5
45°	502.9	583.8	672.3	765.3	855.9	948.0	1045.5	1145.4	1252.5	1358.1	1469.4
42.5°	537.3	628.8	726.2	826.7	927.5	1030.4	1137.6	1254.3	1371.3	1493.1	1615.4
40°	575.3	671.5	779.0	889.7	999.0	1113.1	1235.6	1362.0	1494.4	1628.3	1761.1
37.5°	611.9	717.7	830.6	949.9	1072.5	1197.8	1330.9	1474.3	1617.9	1762.0	1908.5
35°	646.2	761.4	883.8	1010.4	1140.4	1283.0	1431.8	1584.8	1740.4	1896.3	2053.8
32.5°	681.5	802.7	934.7	1070.1	1213.4	1366.2	1529.2	1695.1	1860.8	2027.2	2199.6
30°	716.9	846.0	983.9	1126.5	1283.2	1449.8	1624.9	1800.6	1976.0	2159.1	2342.9
27.5°	750.3	887.1	1032.2	1184.8	1350.2	1527.2	1713.2	1901.4	2090.4	2285.1	2481.1
25°	781.0	926.0	1077.1	1241.0	1416.2	1601.6	1795.4	1991.8	2199.1	2407.5	2612.2
22.5°	811.0	961.7	1118.7	1292.7	1476.1	1670.8	1872.6	2080.0	2296.6	2520.3	2732.2
20°	839.9	995.8	1159.1	1339.5	1529.7	1733.0	1942.7	2159.8	2387.1	2616.9	2844.8
17.5°	865.6	1026.0	1196.8	1383.3	1580.8	1789.9	2005.9	2230.2	2467.6	2705.8	2947.2
15°	887.9	1052.3	1229.4	1421.6	1626.0	1841.7	2064.5	2295.2	2538.7	2786.8	3037.7
12.5°	906.8	1074.6	1256.8	1454.1	1664.4	1886.0	2114.9	2353.7	2603.8	2858.8	3117.0
10°	922.1	1092.7	1279.0	1480.6	1695.7	1922.7	2156.4	2401.9	2659.6	2920.0	3183.7
7.5°	935.2	1107.9	1296.6	1501.1	1719.9	1951.4	2188.7	2439.5	2704.0	2967.8	3237.3
5°	944.7	1120.2	1312.8	1518.3	1740.9	1973.8	2213.2	2466.3	2736.4	3001.8	3276.1
2.5°	950.4	1128.1	1323.8	1529.4	1757.4	1990.7	2234.9	2490.0	2760.2	3028.8	3305.3
0°	952.3	1131.7	1329.5	1534.2	1766.5	1998.8	2247.2	2502.5	2771.7	3045.4	3323.7
-2.5°	950.4	1128.1	1323.8	1529.4	1757.4	1990.7	2234.9	2490.0	2760.2	3028.8	3305.3
-5°	944.7	1120.2	1312.8	1518.3	1740.9	1973.8	2213.2	2466.3	2736.4	3001.8	3276.1
-7.5°	935.2	1107.9	1296.6	1501.1	1719.9	1951.4	2188.7	2439.5	2704.0	2967.8	3237.3
-10°	922.1	1092.7	1279.0	1480.6	1695.7	1922.7	2156.4	2401.9	2659.6	2920.0	3183.7
-12.5°	906.8	1074.6	1256.8	1454.1	1664.4	1886.0	2114.9	2353.7	2603.8	2858.8	3117.0
-15°	887.9	1052.3	1229.4	1421.6	1626.0	1841.7	2064.5	2295.2	2538.7	2786.8	3037.7
-17.5°	865.6	1026.0	1196.8	1383.3	1580.8	1789.9	2005.9	2230.2	2467.6	2705.8	2947.2
-20°	839.9	995.8	1159.1	1339.5	1529.7	1733.0	1942.7	2159.8	2387.1	2616.9	2844.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626911 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-730-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	811.0	961.7	1118.7	1292.7	1476.1	1670.8	1872.6	2080.0	2296.6	2520.3	2732.2
-25°	781.0	926.0	1077.1	1241.0	1416.2	1601.6	1795.4	1991.8	2199.1	2407.5	2612.2
-27.5°	750.3	887.1	1032.2	1184.8	1350.2	1527.2	1713.2	1901.4	2090.4	2285.1	2481.1
-30°	716.9	846.0	983.9	1126.5	1283.2	1449.8	1624.9	1800.6	1976.0	2159.1	2342.9
-32.5°	681.5	802.7	934.7	1070.1	1213.4	1366.2	1529.2	1695.1	1860.8	2027.2	2199.6
-35°	646.2	761.4	883.8	1010.4	1140.4	1283.0	1431.8	1584.8	1740.4	1896.3	2053.8
-37.5°	611.9	717.7	830.6	949.9	1072.5	1197.8	1330.9	1474.3	1617.9	1762.0	1908.5
-40°	575.3	671.5	779.0	889.7	999.0	1113.1	1235.6	1362.0	1494.4	1628.3	1761.1
-42.5°	537.3	628.8	726.2	826.7	927.5	1030.4	1137.6	1254.3	1371.3	1493.1	1615.4
-45°	502.9	583.8	672.3	765.3	855.9	948.0	1045.5	1145.4	1252.5	1358.1	1469.4
-47.5°	466.6	538.6	620.7	703.0	786.7	869.9	953.3	1043.7	1135.0	1231.0	1323.5
-50°	430.8	496.7	566.2	642.9	719.6	794.3	869.2	944.0	1024.4	1107.2	1190.8
-52.5°	400.1	453.0	516.4	582.4	653.3	723.0	788.3	853.2	920.4	987.9	1061.7
-55°	368.3	415.7	466.3	525.3	586.7	651.6	711.1	768.0	823.6	883.2	940.0
-57.5°	339.4	378.7	421.3	469.3	523.8	578.7	633.9	685.0	735.3	784.5	831.6
-60°	312.1	343.3	378.8	418.8	461.9	510.8	557.8	605.2	649.7	690.1	731.7
-62.5°	284.0	309.8	337.9	370.5	407.4	444.2	485.4	527.2	567.8	603.4	636.3
-65°	253.6	275.0	298.1	324.3	353.3	384.3	416.6	450.0	486.0	516.3	543.8
-67.5°	221.7	240.0	258.5	277.8	301.2	325.6	349.8	377.6	406.1	431.2	453.8
-70°	185.0	204.0	219.6	234.9	250.6	268.9	289.3	309.5	330.2	352.9	374.7
-72.5°	147.5	164.7	179.7	192.4	203.9	216.1	229.7	244.7	263.3	283.8	302.5
-75°	112.3	125.9	139.3	151.0	159.2	165.3	170.9	180.0	197.6	218.2	236.1
-77.5°	79.0	91.4	102.1	111.2	116.1	120.5	124.0	126.7	140.2	157.8	175.3
-80°	49.8	57.1	66.8	75.5	79.2	81.1	82.0	81.9	92.3	106.3	120.9
-82.5°	28.0	33.7	39.3	44.5	45.8	45.9	45.4	45.6	53.8	63.3	73.0
-85°	9.0	10.3	14.3	18.2	20.1	21.2	21.7	21.7	25.2	29.3	33.7
-87.5°	4.5	5.2	5.9	6.6	6.7	6.7	6.6	6.5	6.8	7.0	7.3
-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: P626911 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-730-U-VWR-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°	7.5	7.8	8.0	8.2	8.3	8.5	8.6	8.8	8.9	8.4	7.9
85°	38.4	41.1	43.7	46.1	48.4	50.6	52.7	54.6	56.3	51.5	46.1
82.5°	83.0	89.6	96.0	102.3	108.5	110.1	110.6	110.3	109.5	100.9	91.4
80°	135.4	146.7	157.3	167.9	178.3	179.5	178.3	176.1	173.1	161.8	149.1
77.5°	192.7	206.9	219.3	230.7	241.1	243.0	242.7	242.2	241.4	229.9	216.0
75°	251.4	265.3	278.7	290.1	299.6	303.9	306.1	307.6	308.4	300.2	289.4
72.5°	319.5	333.9	345.7	356.8	366.1	372.9	377.8	381.4	383.9	381.4	377.0
70°	393.3	408.8	421.9	434.3	447.0	457.2	464.9	470.5	474.0	476.3	477.9
67.5°	476.5	497.3	515.4	530.9	546.3	560.7	572.5	582.1	589.6	595.9	600.8
65°	570.2	596.8	620.3	642.0	661.8	682.7	699.8	714.2	725.7	735.3	743.0
62.5°	668.7	701.3	731.5	760.9	789.7	818.0	839.8	859.6	877.2	892.4	904.5
60°	771.1	808.1	848.7	887.5	923.2	955.8	988.2	1016.3	1040.3	1060.2	1076.2
57.5°	881.1	929.1	976.6	1024.8	1070.3	1112.8	1152.7	1187.9	1217.6	1241.9	1262.4
55°	1000.1	1060.0	1115.1	1175.8	1234.5	1288.0	1335.0	1376.3	1412.1	1442.0	1467.5
52.5°	1130.7	1203.6	1275.1	1344.2	1410.9	1472.9	1529.2	1577.3	1620.2	1656.9	1686.2
50°	1273.7	1357.1	1440.0	1516.9	1593.4	1664.9	1729.4	1785.3	1835.1	1878.3	1912.2
47.5°	1423.3	1518.2	1610.8	1698.8	1783.5	1862.9	1932.8	1996.5	2058.6	2109.3	2149.4
45°	1578.6	1685.0	1787.2	1887.8	1981.1	2070.1	2156.3	2235.6	2299.4	2355.2	2402.1
42.5°	1735.7	1854.5	1968.9	2078.7	2181.2	2284.2	2381.2	2467.9	2540.6	2604.1	2657.4
40°	1895.0	2025.0	2151.0	2270.7	2388.0	2500.2	2605.2	2696.6	2778.6	2854.0	2916.8
37.5°	2053.4	2196.4	2336.1	2470.1	2599.3	2720.9	2834.3	2937.6	3030.2	3116.0	3185.8
35°	2212.5	2369.5	2522.3	2669.9	2811.0	2945.1	3069.3	3186.8	3295.9	3382.9	3454.2
32.5°	2371.0	2539.8	2706.2	2868.6	3023.0	3167.6	3302.1	3432.0	3544.2	3639.8	3721.8
30°	2524.4	2707.3	2888.4	3064.5	3231.3	3388.0	3536.9	3674.3	3794.9	3899.5	3991.5
27.5°	2675.0	2871.4	3065.7	3253.9	3434.2	3604.5	3767.0	3915.9	4047.6	4161.3	4258.3
25°	2817.3	3028.3	3235.5	3435.0	3627.6	3815.4	3990.9	4153.4	4294.1	4418.9	4518.6
22.5°	2953.2	3178.3	3395.9	3605.8	3811.8	4014.3	4206.4	4376.2	4525.3	4655.7	4766.0
20°	3079.8	3321.0	3543.7	3765.6	3982.7	4198.8	4405.2	4584.3	4742.0	4880.8	5002.4
17.5°	3198.2	3445.6	3680.1	3916.3	4145.1	4371.9	4581.5	4773.5	4943.6	5091.1	5218.4
15°	3298.4	3548.2	3804.3	4056.6	4297.8	4527.5	4736.9	4937.4	5126.3	5285.8	5414.9
12.5°	3379.5	3639.3	3906.5	4174.3	4429.5	4658.8	4878.0	5081.4	5279.8	5459.0	5577.7
10°	3448.7	3716.2	3992.0	4265.2	4523.7	4766.4	5004.7	5219.7	5414.7	5575.1	5707.7
7.5°	3508.5	3784.0	4064.2	4337.8	4595.5	4846.2	5091.5	5319.9	5516.7	5667.8	5786.1
5°	3552.5	3834.7	4120.2	4396.4	4657.6	4909.2	5155.6	5381.1	5573.3	5727.0	5856.0
2.5°	3584.1	3868.9	4156.4	4433.0	4700.1	4952.2	5204.8	5432.9	5618.9	5759.8	5883.3
0°	3604.3	3889.5	4179.3	4462.3	4724.5	4968.3	5239.7	5453.6	5646.8	5787.1	5915.9
-2.5°	3584.1	3868.9	4156.4	4433.0	4700.1	4952.2	5204.8	5432.9	5618.9	5759.8	5883.3
-5°	3552.5	3834.7	4120.2	4396.4	4657.6	4909.2	5155.6	5381.1	5573.3	5727.0	5856.0
-7.5°	3508.5	3784.0	4064.2	4337.8	4595.5	4846.2	5091.5	5319.9	5516.7	5667.8	5786.1
-10°	3448.7	3716.2	3992.0	4265.2	4523.7	4766.4	5004.7	5219.7	5414.7	5575.1	5707.7
-12.5°	3379.5	3639.3	3906.5	4174.3	4429.5	4658.8	4878.0	5081.4	5279.8	5459.0	5577.7
-15°	3298.4	3548.2	3804.3	4056.6	4297.8	4527.5	4736.9	4937.4	5126.3	5285.8	5414.9
-17.5°	3198.2	3445.6	3680.1	3916.3	4145.1	4371.9	4581.5	4773.5	4943.6	5091.1	5218.4
-20°	3079.8	3321.0	3543.7	3765.6	3982.7	4198.8	4405.2	4584.3	4742.0	4880.8	5002.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626911 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-730-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2953.2	3178.3	3395.9	3605.8	3811.8	4014.3	4206.4	4376.2	4525.3	4655.7	4766.0
-25°	2817.3	3028.3	3235.5	3435.0	3627.6	3815.4	3990.9	4153.4	4294.1	4418.9	4518.6
-27.5°	2675.0	2871.4	3065.7	3253.9	3434.2	3604.5	3767.0	3915.9	4047.6	4161.3	4258.3
-30°	2524.4	2707.3	2888.4	3064.5	3231.3	3388.0	3536.9	3674.3	3794.9	3899.5	3991.5
-32.5°	2371.0	2539.8	2706.2	2868.6	3023.0	3167.6	3302.1	3432.0	3544.2	3639.8	3721.8
-35°	2212.5	2369.5	2522.3	2669.9	2811.0	2945.1	3069.3	3186.8	3295.9	3382.9	3454.2
-37.5°	2053.4	2196.4	2336.1	2470.1	2599.3	2720.9	2834.3	2937.6	3030.2	3116.0	3185.8
-40°	1895.0	2025.0	2151.0	2270.7	2388.0	2500.2	2605.2	2696.6	2778.6	2854.0	2916.8
-42.5°	1735.7	1854.5	1968.9	2078.7	2181.2	2284.2	2381.2	2467.9	2540.6	2604.1	2657.4
-45°	1578.6	1685.0	1787.2	1887.8	1981.1	2070.1	2156.3	2235.6	2299.4	2355.2	2402.1
-47.5°	1423.3	1518.2	1610.8	1698.8	1783.5	1862.9	1932.8	1996.5	2058.6	2109.3	2149.4
-50°	1273.7	1357.1	1440.0	1516.9	1593.4	1664.9	1729.4	1785.3	1835.1	1878.3	1912.2
-52.5°	1130.7	1203.6	1275.1	1344.2	1410.9	1472.9	1529.2	1577.3	1620.2	1656.9	1686.2
-55°	1000.1	1060.0	1115.1	1175.8	1234.5	1288.0	1335.0	1376.3	1412.1	1442.0	1467.5
-57.5°	881.1	929.1	976.6	1024.8	1070.3	1112.8	1152.7	1187.9	1217.6	1241.9	1262.4
-60°	771.1	808.1	848.7	887.5	923.2	955.8	988.2	1016.3	1040.3	1060.2	1076.2
-62.5°	668.7	701.3	731.5	760.9	789.7	818.0	839.8	859.6	877.2	892.4	904.5
-65°	570.2	596.8	620.3	642.0	661.8	682.7	699.8	714.2	725.7	735.3	743.0
-67.5°	476.5	497.3	515.4	530.9	546.3	560.7	572.5	582.1	589.6	595.9	600.8
-70°	393.3	408.8	421.9	434.3	447.0	457.2	464.9	470.5	474.0	476.3	477.9
-72.5°	319.5	333.9	345.7	356.8	366.1	372.9	377.8	381.4	383.9	381.4	377.0
-75°	251.4	265.3	278.7	290.1	299.6	303.9	306.1	307.6	308.4	300.2	289.4
-77.5°	192.7	206.9	219.3	230.7	241.1	243.0	242.7	242.2	241.4	229.9	216.0
-80°	135.4	146.7	157.3	167.9	178.3	179.5	178.3	176.1	173.1	161.8	149.1
-82.5°	83.0	89.6	96.0	102.3	108.5	110.1	110.6	110.3	109.5	100.9	91.4
-85°	38.4	41.1	43.7	46.1	48.4	50.6	52.7	54.6	56.3	51.5	46.1
-87.5°	7.5	7.8	8.0	8.2	8.3	8.5	8.6	8.8	8.9	8.4	7.9
-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: P626911 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-730-U-VWR-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°	7.4	6.9	6.9	6.9	6.9	6.9	7.4	7.9	8.4	8.9	8.8
85°	40.3	34.3	32.2	29.9	32.2	34.3	40.3	46.1	51.5	56.3	54.6
82.5°	81.4	71.1	67.8	64.4	67.8	71.1	81.4	91.4	100.9	109.5	110.3
80°	135.6	121.6	116.1	110.4	116.1	121.6	135.6	149.1	161.8	173.1	176.1
77.5°	201.3	185.9	179.3	172.5	179.3	185.9	201.3	216.0	229.9	241.4	242.2
75°	278.0	265.9	258.6	250.7	258.6	265.9	278.0	289.4	300.2	308.4	307.6
72.5°	372.0	366.1	360.7	354.2	360.7	366.1	372.0	377.0	381.4	383.9	381.4
70°	478.5	477.7	478.7	478.4	478.7	477.7	478.5	477.9	476.3	474.0	470.5
67.5°	603.3	603.5	606.0	607.2	606.0	603.5	603.3	600.8	595.9	589.6	582.1
65°	747.7	749.5	748.8	745.2	748.8	749.5	747.7	743.0	735.3	725.7	714.2
62.5°	913.0	918.0	920.7	920.1	920.7	918.0	913.0	904.5	892.4	877.2	859.6
60°	1088.2	1096.0	1099.9	1099.5	1099.9	1096.0	1088.2	1076.2	1060.2	1040.3	1016.3
57.5°	1277.7	1287.6	1290.0	1285.8	1290.0	1287.6	1277.7	1262.4	1241.9	1217.6	1187.9
55°	1486.6	1499.4	1504.3	1502.0	1504.3	1499.4	1486.6	1467.5	1442.0	1412.1	1376.3
52.5°	1707.6	1721.4	1726.3	1722.8	1726.3	1721.4	1707.6	1686.2	1656.9	1620.2	1577.3
50°	1937.2	1953.9	1960.6	1957.4	1960.6	1953.9	1937.2	1912.2	1878.3	1835.1	1785.3
47.5°	2180.8	2203.0	2211.7	2205.8	2211.7	2203.0	2180.8	2149.4	2109.3	2058.6	1996.5
45°	2437.1	2460.2	2469.2	2463.4	2469.2	2460.2	2437.1	2402.1	2355.2	2299.4	2235.6
42.5°	2698.2	2728.2	2740.8	2730.3	2740.8	2728.2	2698.2	2657.4	2604.1	2540.6	2467.9
40°	2963.7	2996.3	3011.3	3004.0	3011.3	2996.3	2963.7	2916.8	2854.0	2778.6	2696.6
37.5°	3236.1	3268.5	3284.4	3284.6	3284.4	3268.5	3236.1	3185.8	3116.0	3030.2	2937.6
35°	3509.5	3548.7	3570.9	3569.8	3570.9	3548.7	3509.5	3454.2	3382.9	3295.9	3186.8
32.5°	3786.7	3829.1	3851.8	3855.0	3851.8	3829.1	3786.7	3721.8	3639.8	3544.2	3432.0
30°	4063.4	4110.1	4136.3	4147.1	4136.3	4110.1	4063.4	3991.5	3899.5	3794.9	3674.3
27.5°	4331.9	4389.3	4428.9	4432.4	4428.9	4389.3	4331.9	4258.3	4161.3	4047.6	3915.9
25°	4591.8	4650.3	4690.9	4699.2	4690.9	4650.3	4591.8	4518.6	4418.9	4294.1	4153.4
22.5°	4848.0	4909.1	4946.6	4961.4	4946.6	4909.1	4848.0	4766.0	4655.7	4525.3	4376.2
20°	5092.5	5158.8	5198.6	5214.4	5198.6	5158.8	5092.5	5002.4	4880.8	4742.0	4584.3
17.5°	5313.8	5383.8	5432.9	5446.7	5432.9	5383.8	5313.8	5218.4	5091.1	4943.6	4773.5
15°	5508.5	5574.9	5621.5	5639.9	5621.5	5574.9	5508.5	5414.9	5285.8	5126.3	4937.4
12.5°	5666.9	5726.3	5762.9	5780.2	5762.9	5726.3	5666.9	5577.7	5459.0	5279.8	5081.4
10°	5790.7	5850.3	5885.2	5909.0	5885.2	5850.3	5790.7	5707.7	5575.1	5414.7	5219.7
7.5°	5898.2	5959.2	6001.9	6035.5	6001.9	5959.2	5898.2	5786.1	5667.8	5516.7	5319.9
5°	5957.5	6059.5	6074.8	6097.7	6074.8	6059.5	5957.5	5856.0	5727.0	5573.3	5381.1
2.5°	6002.8	6075.0	6118.6	6113.8	6118.6	6075.0	6002.8	5883.3	5759.8	5618.9	5432.9
0°	6035.5	6100.0	6116.1	6136.8	6116.1	6100.0	6035.5	5915.9	5787.1	5646.8	5453.6
-2.5°	6002.8	6075.0	6118.6	6113.8	6118.6	6075.0	6002.8	5883.3	5759.8	5618.9	5432.9
-5°	5957.5	6059.5	6074.8	6097.7	6074.8	6059.5	5957.5	5856.0	5727.0	5573.3	5381.1
-7.5°	5898.2	5959.2	6001.9	6035.5	6001.9	5959.2	5898.2	5786.1	5667.8	5516.7	5319.9
-10°	5790.7	5850.3	5885.2	5909.0	5885.2	5850.3	5790.7	5707.7	5575.1	5414.7	5219.7
-12.5°	5666.9	5726.3	5762.9	5780.2	5762.9	5726.3	5666.9	5577.7	5459.0	5279.8	5081.4
-15°	5508.5	5574.9	5621.5	5639.9	5621.5	5574.9	5508.5	5414.9	5285.8	5126.3	4937.4
-17.5°	5313.8	5383.8	5432.9	5446.7	5432.9	5383.8	5313.8	5218.4	5091.1	4943.6	4773.5
-20°	5092.5	5158.8	5198.6	5214.4	5198.6	5158.8	5092.5	5002.4	4880.8	4742.0	4584.3



REPORT NUMBER: P626911 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-730-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4848.0	4909.1	4946.6	4961.4	4946.6	4909.1	4848.0	4766.0	4655.7	4525.3	4376.2
-25°	4591.8	4650.3	4690.9	4699.2	4690.9	4650.3	4591.8	4518.6	4418.9	4294.1	4153.4
-27.5°	4331.9	4389.3	4428.9	4432.4	4428.9	4389.3	4331.9	4258.3	4161.3	4047.6	3915.9
-30°	4063.4	4110.1	4136.3	4147.1	4136.3	4110.1	4063.4	3991.5	3899.5	3794.9	3674.3
-32.5°	3786.7	3829.1	3851.8	3855.0	3851.8	3829.1	3786.7	3721.8	3639.8	3544.2	3432.0
-35°	3509.5	3548.7	3570.9	3569.8	3570.9	3548.7	3509.5	3454.2	3382.9	3295.9	3186.8
-37.5°	3236.1	3268.5	3284.4	3284.6	3284.4	3268.5	3236.1	3185.8	3116.0	3030.2	2937.6
-40°	2963.7	2996.3	3011.3	3004.0	3011.3	2996.3	2963.7	2916.8	2854.0	2778.6	2696.6
-42.5°	2698.2	2728.2	2740.8	2730.3	2740.8	2728.2	2698.2	2657.4	2604.1	2540.6	2467.9
-45°	2437.1	2460.2	2469.2	2463.4	2469.2	2460.2	2437.1	2402.1	2355.2	2299.4	2235.6
-47.5°	2180.8	2203.0	2211.7	2205.8	2211.7	2203.0	2180.8	2149.4	2109.3	2058.6	1996.5
-50°	1937.2	1953.9	1960.6	1957.4	1960.6	1953.9	1937.2	1912.2	1878.3	1835.1	1785.3
-52.5°	1707.6	1721.4	1726.3	1722.8	1726.3	1721.4	1707.6	1686.2	1656.9	1620.2	1577.3
-55°	1486.6	1499.4	1504.3	1502.0	1504.3	1499.4	1486.6	1467.5	1442.0	1412.1	1376.3
-57.5°	1277.7	1287.6	1290.0	1285.8	1290.0	1287.6	1277.7	1262.4	1241.9	1217.6	1187.9
-60°	1088.2	1096.0	1099.9	1099.5	1099.9	1096.0	1088.2	1076.2	1060.2	1040.3	1016.3
-62.5°	913.0	918.0	920.7	920.1	920.7	918.0	913.0	904.5	892.4	877.2	859.6
-65°	747.7	749.5	748.8	745.2	748.8	749.5	747.7	743.0	735.3	725.7	714.2
-67.5°	603.3	603.5	606.0	607.2	606.0	603.5	603.3	600.8	595.9	589.6	582.1
-70°	478.5	477.7	478.7	478.4	478.7	477.7	478.5	477.9	476.3	474.0	470.5
-72.5°	372.0	366.1	360.7	354.2	360.7	366.1	372.0	377.0	381.4	383.9	381.4
-75°	278.0	265.9	258.6	250.7	258.6	265.9	278.0	289.4	300.2	308.4	307.6
-77.5°	201.3	185.9	179.3	172.5	179.3	185.9	201.3	216.0	229.9	241.4	242.2
-80°	135.6	121.6	116.1	110.4	116.1	121.6	135.6	149.1	161.8	173.1	176.1
-82.5°	81.4	71.1	67.8	64.4	67.8	71.1	81.4	91.4	100.9	109.5	110.3
-85°	40.3	34.3	32.2	29.9	32.2	34.3	40.3	46.1	51.5	56.3	54.6
-87.5°	7.4	6.9	6.9	6.9	6.9	6.9	7.4	7.9	8.4	8.9	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





REPORT NUMBER: P626911 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-730-U-VWR-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°	8.6	8.5	8.3	8.2	8.0	7.8	7.5	7.3	7.0	6.8	6.5
85°	52.7	50.6	48.4	46.1	43.7	41.1	38.4	33.7	29.3	25.2	21.7
82.5°	110.6	110.1	108.5	102.3	96.0	89.6	83.0	73.0	63.3	53.8	45.6
80°	178.3	179.5	178.3	167.9	157.3	146.7	135.4	120.9	106.3	92.3	81.9
77.5°	242.7	243.0	241.1	230.7	219.3	206.9	192.7	175.3	157.8	140.2	126.7
75°	306.1	303.9	299.6	290.1	278.7	265.3	251.4	236.1	218.2	197.6	180.0
72.5°	377.8	372.9	366.1	356.8	345.7	333.9	319.5	302.5	283.8	263.3	244.7
70°	464.9	457.2	447.0	434.3	421.9	408.8	393.3	374.7	352.9	330.2	309.5
67.5°	572.5	560.7	546.3	530.9	515.4	497.3	476.5	453.8	431.2	406.1	377.6
65°	699.8	682.7	661.8	642.0	620.3	596.8	570.2	543.8	516.3	486.0	450.0
62.5°	839.8	818.0	789.7	760.9	731.5	701.3	668.7	636.3	603.4	567.8	527.2
60°	988.2	955.8	923.2	887.5	848.7	808.1	771.1	731.7	690.1	649.7	605.2
57.5°	1152.7	1112.8	1070.3	1024.8	976.6	929.1	881.1	831.6	784.5	735.3	685.0
55°	1335.0	1288.0	1234.5	1175.8	1115.1	1060.0	1000.1	940.0	883.2	823.6	768.0
52.5°	1529.2	1472.9	1410.9	1344.2	1275.1	1203.6	1130.7	1061.7	987.9	920.4	853.2
50°	1729.4	1664.9	1593.4	1516.9	1440.0	1357.1	1273.7	1190.8	1107.2	1024.4	944.0
47.5°	1932.8	1862.9	1783.5	1698.8	1610.8	1518.2	1423.3	1323.5	1231.0	1135.0	1043.7
45°	2156.3	2070.1	1981.1	1887.8	1787.2	1685.0	1578.6	1469.4	1358.1	1252.5	1145.4
42.5°	2381.2	2284.2	2181.2	2078.7	1968.9	1854.5	1735.7	1615.4	1493.1	1371.3	1254.3
40°	2605.2	2500.2	2388.0	2270.7	2151.0	2025.0	1895.0	1761.1	1628.3	1494.4	1362.0
37.5°	2834.3	2720.9	2599.3	2470.1	2336.1	2196.4	2053.4	1908.5	1762.0	1617.9	1474.3
35°	3069.3	2945.1	2811.0	2669.9	2522.3	2369.5	2212.5	2053.8	1896.3	1740.4	1584.8
32.5°	3302.1	3167.6	3023.0	2868.6	2706.2	2539.8	2371.0	2199.6	2027.2	1860.8	1695.1
30°	3536.9	3388.0	3231.3	3064.5	2888.4	2707.3	2524.4	2342.9	2159.1	1976.0	1800.6
27.5°	3767.0	3604.5	3434.2	3253.9	3065.7	2871.4	2675.0	2481.1	2285.1	2090.4	1901.4
25°	3990.9	3815.4	3627.6	3435.0	3235.5	3028.3	2817.3	2612.2	2407.5	2199.1	1991.8
22.5°	4206.4	4014.3	3811.8	3605.8	3395.9	3178.3	2953.2	2732.2	2520.3	2296.6	2080.0
20°	4405.2	4198.8	3982.7	3765.6	3543.7	3321.0	3079.8	2844.8	2616.9	2387.1	2159.8
17.5°	4581.5	4371.9	4145.1	3916.3	3680.1	3445.6	3198.2	2947.2	2705.8	2467.6	2230.2
15°	4736.9	4527.5	4297.8	4056.6	3804.3	3548.2	3298.4	3037.7	2786.8	2538.7	2295.2
12.5°	4878.0	4658.8	4429.5	4174.3	3906.5	3639.3	3379.5	3117.0	2858.8	2603.8	2353.7
10°	5004.7	4766.4	4523.7	4265.2	3992.0	3716.2	3448.7	3183.7	2920.0	2659.6	2401.9
7.5°	5091.5	4846.2	4595.5	4337.8	4064.2	3784.0	3508.5	3237.3	2967.8	2704.0	2439.5
5°	5155.6	4909.2	4657.6	4396.4	4120.2	3834.7	3552.5	3276.1	3001.8	2736.4	2466.3
2.5°	5204.8	4952.2	4700.1	4433.0	4156.4	3868.9	3584.1	3305.3	3028.8	2760.2	2490.0
0°	5239.7	4968.3	4724.5	4462.3	4179.3	3889.5	3604.3	3323.7	3045.4	2771.7	2502.5
-2.5°	5204.8	4952.2	4700.1	4433.0	4156.4	3868.9	3584.1	3305.3	3028.8	2760.2	2490.0
-5°	5155.6	4909.2	4657.6	4396.4	4120.2	3834.7	3552.5	3276.1	3001.8	2736.4	2466.3
-7.5°	5091.5	4846.2	4595.5	4337.8	4064.2	3784.0	3508.5	3237.3	2967.8	2704.0	2439.5
-10°	5004.7	4766.4	4523.7	4265.2	3992.0	3716.2	3448.7	3183.7	2920.0	2659.6	2401.9
-12.5°	4878.0	4658.8	4429.5	4174.3	3906.5	3639.3	3379.5	3117.0	2858.8	2603.8	2353.7
-15°	4736.9	4527.5	4297.8	4056.6	3804.3	3548.2	3298.4	3037.7	2786.8	2538.7	2295.2
-17.5°	4581.5	4371.9	4145.1	3916.3	3680.1	3445.6	3198.2	2947.2	2705.8	2467.6	2230.2
-20°	4405.2	4198.8	3982.7	3765.6	3543.7	3321.0	3079.8	2844.8	2616.9	2387.1	2159.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626911 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-730-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4206.4	4014.3	3811.8	3605.8	3395.9	3178.3	2953.2	2732.2	2520.3	2296.6	2080.0
-25°	3990.9	3815.4	3627.6	3435.0	3235.5	3028.3	2817.3	2612.2	2407.5	2199.1	1991.8
-27.5°	3767.0	3604.5	3434.2	3253.9	3065.7	2871.4	2675.0	2481.1	2285.1	2090.4	1901.4
-30°	3536.9	3388.0	3231.3	3064.5	2888.4	2707.3	2524.4	2342.9	2159.1	1976.0	1800.6
-32.5°	3302.1	3167.6	3023.0	2868.6	2706.2	2539.8	2371.0	2199.6	2027.2	1860.8	1695.1
-35°	3069.3	2945.1	2811.0	2669.9	2522.3	2369.5	2212.5	2053.8	1896.3	1740.4	1584.8
-37.5°	2834.3	2720.9	2599.3	2470.1	2336.1	2196.4	2053.4	1908.5	1762.0	1617.9	1474.3
-40°	2605.2	2500.2	2388.0	2270.7	2151.0	2025.0	1895.0	1761.1	1628.3	1494.4	1362.0
-42.5°	2381.2	2284.2	2181.2	2078.7	1968.9	1854.5	1735.7	1615.4	1493.1	1371.3	1254.3
-45°	2156.3	2070.1	1981.1	1887.8	1787.2	1685.0	1578.6	1469.4	1358.1	1252.5	1145.4
-47.5°	1932.8	1862.9	1783.5	1698.8	1610.8	1518.2	1423.3	1323.5	1231.0	1135.0	1043.7
-50°	1729.4	1664.9	1593.4	1516.9	1440.0	1357.1	1273.7	1190.8	1107.2	1024.4	944.0
-52.5°	1529.2	1472.9	1410.9	1344.2	1275.1	1203.6	1130.7	1061.7	987.9	920.4	853.2
-55°	1335.0	1288.0	1234.5	1175.8	1115.1	1060.0	1000.1	940.0	883.2	823.6	768.0
-57.5°	1152.7	1112.8	1070.3	1024.8	976.6	929.1	881.1	831.6	784.5	735.3	685.0
-60°	988.2	955.8	923.2	887.5	848.7	808.1	771.1	731.7	690.1	649.7	605.2
-62.5°	839.8	818.0	789.7	760.9	731.5	701.3	668.7	636.3	603.4	567.8	527.2
-65°	699.8	682.7	661.8	642.0	620.3	596.8	570.2	543.8	516.3	486.0	450.0
-67.5°	572.5	560.7	546.3	530.9	515.4	497.3	476.5	453.8	431.2	406.1	377.6
-70°	464.9	457.2	447.0	434.3	421.9	408.8	393.3	374.7	352.9	330.2	309.5
-72.5°	377.8	372.9	366.1	356.8	345.7	333.9	319.5	302.5	283.8	263.3	244.7
-75°	306.1	303.9	299.6	290.1	278.7	265.3	251.4	236.1	218.2	197.6	180.0
-77.5°	242.7	243.0	241.1	230.7	219.3	206.9	192.7	175.3	157.8	140.2	126.7
-80°	178.3	179.5	178.3	167.9	157.3	146.7	135.4	120.9	106.3	92.3	81.9
-82.5°	110.6	110.1	108.5	102.3	96.0	89.6	83.0	73.0	63.3	53.8	45.6
-85°	52.7	50.6	48.4	46.1	43.7	41.1	38.4	33.7	29.3	25.2	21.7
-87.5°	8.6	8.5	8.3	8.2	8.0	7.8	7.5	7.3	7.0	6.8	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





REPORT NUMBER: P626911 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-730-U-VWR-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°	6.6	6.7	6.7	6.6	5.9	5.2	4.5	3.9	3.5	3.1	2.8
85°	21.7	21.2	20.1	18.2	14.3	10.3	9.0	7.8	7.0	6.3	5.5
82.5°	45.4	45.9	45.8	44.5	39.3	33.7	28.0	22.0	16.3	10.4	8.3
80°	82.0	81.1	79.2	75.5	66.8	57.1	49.8	42.3	34.9	27.1	19.1
77.5°	124.0	120.5	116.1	111.2	102.1	91.4	79.0	65.1	53.3	43.8	33.9
75°	170.9	165.3	159.2	151.0	139.3	125.9	112.3	96.1	78.0	61.0	48.6
72.5°	229.7	216.1	203.9	192.4	179.7	164.7	147.5	126.5	104.6	83.8	64.4
70°	289.3	268.9	250.6	234.9	219.6	204.0	185.0	159.2	130.6	106.2	83.3
67.5°	349.8	325.6	301.2	277.8	258.5	240.0	221.7	191.7	159.0	128.1	101.9
65°	416.6	384.3	353.3	324.3	298.1	275.0	253.6	222.1	186.4	151.8	119.9
62.5°	485.4	444.2	407.4	370.5	337.9	309.8	284.0	249.3	212.7	174.6	138.7
60°	557.8	510.8	461.9	418.8	378.8	343.3	312.1	276.1	237.3	196.7	157.3
57.5°	633.9	578.7	523.8	469.3	421.3	378.7	339.4	301.6	261.5	218.3	174.7
55°	711.1	651.6	586.7	525.3	466.3	415.7	368.3	326.0	284.8	239.7	189.8
52.5°	788.3	723.0	653.3	582.4	516.4	453.0	400.1	349.7	306.3	260.5	205.4
50°	869.2	794.3	719.6	642.9	566.2	496.7	430.8	377.0	327.1	280.3	220.3
47.5°	953.3	869.9	786.7	703.0	620.7	538.6	466.6	403.7	347.3	298.3	234.1
45°	1045.5	948.0	855.9	765.3	672.3	583.8	502.9	429.3	370.1	312.2	246.8
42.5°	1137.6	1030.4	927.5	826.7	726.2	628.8	537.3	459.4	391.9	325.5	258.5
40°	1235.6	1113.1	999.0	889.7	779.0	671.5	575.3	488.7	412.4	339.4	269.6
37.5°	1330.9	1197.8	1072.5	949.9	830.6	717.7	611.9	516.2	431.8	355.0	280.1
35°	1431.8	1283.0	1140.4	1010.4	883.8	761.4	646.2	543.9	454.2	370.2	290.0
32.5°	1529.2	1366.2	1213.4	1070.1	934.7	802.7	681.5	573.2	475.6	384.9	299.2
30°	1624.9	1449.8	1283.2	1126.5	983.9	846.0	716.9	600.7	496.2	399.1	308.5
27.5°	1713.2	1527.2	1350.2	1184.8	1032.2	887.1	750.3	626.1	515.7	413.7	319.2
25°	1795.4	1601.6	1416.2	1241.0	1077.1	926.0	781.0	649.6	535.5	429.0	329.2
22.5°	1872.6	1670.8	1476.1	1292.7	1118.7	961.7	811.0	674.7	554.3	443.0	338.4
20°	1942.7	1733.0	1529.7	1339.5	1159.1	995.8	839.9	697.2	571.1	455.8	346.6
17.5°	2005.9	1789.9	1580.8	1383.3	1196.8	1026.0	865.6	717.0	585.8	467.1	353.9
15°	2064.5	1841.7	1626.0	1421.6	1229.4	1052.3	887.9	734.1	598.4	477.0	360.8
12.5°	2114.9	1886.0	1664.4	1454.1	1256.8	1074.6	906.8	748.4	608.9	485.9	367.3
10°	2156.4	1922.7	1695.7	1480.6	1279.0	1092.7	922.1	760.4	618.8	493.7	372.3
7.5°	2188.7	1951.4	1719.9	1501.1	1296.6	1107.9	935.2	770.9	626.7	499.6	375.8
5°	2213.2	1973.8	1740.9	1518.3	1312.8	1120.2	944.7	778.3	632.4	503.7	377.8
2.5°	2234.9	1990.7	1757.4	1529.4	1323.8	1128.1	950.4	782.8	635.9	505.8	378.3
0°	2247.2	1998.8	1766.5	1534.2	1329.5	1131.7	952.3	784.3	637.1	506.0	377.2
-2.5°	2234.9	1990.7	1757.4	1529.4	1323.8	1128.1	950.4	782.8	635.9	505.8	378.3
-5°	2213.2	1973.8	1740.9	1518.3	1312.8	1120.2	944.7	778.3	632.4	503.7	377.8
-7.5°	2188.7	1951.4	1719.9	1501.1	1296.6	1107.9	935.2	770.9	626.7	499.6	375.8
-10°	2156.4	1922.7	1695.7	1480.6	1279.0	1092.7	922.1	760.4	618.8	493.7	372.3
-12.5°	2114.9	1886.0	1664.4	1454.1	1256.8	1074.6	906.8	748.4	608.9	485.9	367.3
-15°	2064.5	1841.7	1626.0	1421.6	1229.4	1052.3	887.9	734.1	598.4	477.0	360.8
-17.5°	2005.9	1789.9	1580.8	1383.3	1196.8	1026.0	865.6	717.0	585.8	467.1	353.9
-20°	1942.7	1733.0	1529.7	1339.5	1159.1	995.8	839.9	697.2	571.1	455.8	346.6



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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°	1872.6	1670.8	1476.1	1292.7	1118.7	961.7	811.0	674.7	554.3	443.0	338.4
-25°	1795.4	1601.6	1416.2	1241.0	1077.1	926.0	781.0	649.6	535.5	429.0	329.2
-27.5°	1713.2	1527.2	1350.2	1184.8	1032.2	887.1	750.3	626.1	515.7	413.7	319.2
-30°	1624.9	1449.8	1283.2	1126.5	983.9	846.0	716.9	600.7	496.2	399.1	308.5
-32.5°	1529.2	1366.2	1213.4	1070.1	934.7	802.7	681.5	573.2	475.6	384.9	299.2
-35°	1431.8	1283.0	1140.4	1010.4	883.8	761.4	646.2	543.9	454.2	370.2	290.0
-37.5°	1330.9	1197.8	1072.5	949.9	830.6	717.7	611.9	516.2	431.8	355.0	280.1
-40°	1235.6	1113.1	999.0	889.7	779.0	671.5	575.3	488.7	412.4	339.4	269.6
-42.5°	1137.6	1030.4	927.5	826.7	726.2	628.8	537.3	459.4	391.9	325.5	258.5
-45°	1045.5	948.0	855.9	765.3	672.3	583.8	502.9	429.3	370.1	312.2	246.8
-47.5°	953.3	869.9	786.7	703.0	620.7	538.6	466.6	403.7	347.3	298.3	234.1
-50°	869.2	794.3	719.6	642.9	566.2	496.7	430.8	377.0	327.1	280.3	220.3
-52.5°	788.3	723.0	653.3	582.4	516.4	453.0	400.1	349.7	306.3	260.5	205.4
-55°	711.1	651.6	586.7	525.3	466.3	415.7	368.3	326.0	284.8	239.7	189.8
-57.5°	633.9	578.7	523.8	469.3	421.3	378.7	339.4	301.6	261.5	218.3	174.7
-60°	557.8	510.8	461.9	418.8	378.8	343.3	312.1	276.1	237.3	196.7	157.3
-62.5°	485.4	444.2	407.4	370.5	337.9	309.8	284.0	249.3	212.7	174.6	138.7
-65°	416.6	384.3	353.3	324.3	298.1	275.0	253.6	222.1	186.4	151.8	119.9
-67.5°	349.8	325.6	301.2	277.8	258.5	240.0	221.7	191.7	159.0	128.1	101.9
-70°	289.3	268.9	250.6	234.9	219.6	204.0	185.0	159.2	130.6	106.2	83.3
-72.5°	229.7	216.1	203.9	192.4	179.7	164.7	147.5	126.5	104.6	83.8	64.4
-75°	170.9	165.3	159.2	151.0	139.3	125.9	112.3	96.1	78.0	61.0	48.6
-77.5°	124.0	120.5	116.1	111.2	102.1	91.4	79.0	65.1	53.3	43.8	33.9
-80°	82.0	81.1	79.2	75.5	66.8	57.1	49.8	42.3	34.9	27.1	19.1
-82.5°	45.4	45.9	45.8	44.5	39.3	33.7	28.0	22.0	16.3	10.4	8.3
-85°	21.7	21.2	20.1	18.2	14.3	10.3	9.0	7.8	7.0	6.3	5.5
-87.5°	6.6	6.7	6.7	6.6	5.9	5.2	4.5	3.9	3.5	3.1	2.8
-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):**

	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°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
85°	4.8	4.0	3.2	2.4	1.6	0.7	0.0
82.5°	7.1	6.0	4.8	3.6	2.4	1.0	0.0
80°	10.7	7.9	6.4	4.8	3.2	1.4	0.0
77.5°	23.4	12.4	7.9	6.0	4.0	1.7	0.0
75°	35.7	21.5	10.3	7.1	4.7	2.1	0.0
72.5°	47.6	30.3	16.5	8.3	5.5	2.4	0.0
70°	59.6	38.8	22.4	9.9	6.2	2.7	0.0
67.5°	73.9	47.0	28.1	13.6	6.9	3.0	0.0
65°	87.6	56.1	33.5	17.1	7.6	3.4	0.0
62.5°	100.6	66.1	38.7	20.5	8.2	3.7	0.0
60°	112.9	75.5	43.6	23.7	8.9	3.9	0.0
57.5°	125.8	84.4	50.0	26.7	10.7	4.2	0.0
55°	138.0	92.6	56.2	29.4	12.4	4.5	0.0
52.5°	149.3	100.5	61.9	32.0	14.1	4.8	0.0
50°	159.7	108.8	67.2	34.4	15.7	5.0	0.0
47.5°	169.4	116.4	72.0	36.8	17.2	5.2	0.0
45°	180.3	123.3	76.3	40.0	18.7	5.5	0.0
42.5°	190.2	129.3	80.2	42.9	20.1	5.7	0.0
40°	199.2	134.7	84.0	45.9	21.4	5.9	0.0
37.5°	207.2	139.2	87.8	48.8	22.6	6.0	0.0
35°	214.3	144.5	91.1	51.5	23.7	6.2	0.0
32.5°	220.9	149.7	93.8	54.0	24.8	6.3	0.0
30°	227.7	154.2	96.0	56.3	25.7	6.5	0.0
27.5°	233.9	157.9	99.3	58.4	26.6	6.6	0.0
25°	239.3	160.9	102.4	60.3	27.3	6.7	0.0
22.5°	243.9	163.9	105.1	61.9	28.0	6.8	0.0
20°	247.7	167.9	107.5	63.3	28.6	6.9	0.0
17.5°	252.5	171.3	109.4	64.5	29.1	6.9	0.0
15°	257.5	173.8	111.0	65.5	29.5	7.0	0.0
12.5°	261.5	175.7	112.2	66.3	29.8	7.0	0.0
10°	264.6	176.9	113.1	66.8	30.0	7.0	0.0
7.5°	266.7	177.3	113.5	67.1	30.1	7.0	0.0
5°	267.8	177.1	113.6	67.2	30.1	7.0	0.0
2.5°	267.8	176.3	113.3	67.0	30.1	6.9	0.0
0°	266.8	174.8	112.7	66.7	29.9	6.9	0.0
-2.5°	267.8	176.3	113.3	67.0	30.1	6.9	0.0
-5°	267.8	177.1	113.6	67.2	30.1	7.0	0.0
-7.5°	266.7	177.3	113.5	67.1	30.1	7.0	0.0
-10°	264.6	176.9	113.1	66.8	30.0	7.0	0.0
-12.5°	261.5	175.7	112.2	66.3	29.8	7.0	0.0
-15°	257.5	173.8	111.0	65.5	29.5	7.0	0.0
-17.5°	252.5	171.3	109.4	64.5	29.1	6.9	0.0
-20°	247.7	167.9	107.5	63.3	28.6	6.9	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	243.9	163.9	105.1	61.9	28.0	6.8	0.0
-25°	239.3	160.9	102.4	60.3	27.3	6.7	0.0
-27.5°	233.9	157.9	99.3	58.4	26.6	6.6	0.0
-30°	227.7	154.2	96.0	56.3	25.7	6.5	0.0
-32.5°	220.9	149.7	93.8	54.0	24.8	6.3	0.0
-35°	214.3	144.5	91.1	51.5	23.7	6.2	0.0
-37.5°	207.2	139.2	87.8	48.8	22.6	6.0	0.0
-40°	199.2	134.7	84.0	45.9	21.4	5.9	0.0
-42.5°	190.2	129.3	80.2	42.9	20.1	5.7	0.0
-45°	180.3	123.3	76.3	40.0	18.7	5.5	0.0
-47.5°	169.4	116.4	72.0	36.8	17.2	5.2	0.0
-50°	159.7	108.8	67.2	34.4	15.7	5.0	0.0
-52.5°	149.3	100.5	61.9	32.0	14.1	4.8	0.0
-55°	138.0	92.6	56.2	29.4	12.4	4.5	0.0
-57.5°	125.8	84.4	50.0	26.7	10.7	4.2	0.0
-60°	112.9	75.5	43.6	23.7	8.9	3.9	0.0
-62.5°	100.6	66.1	38.7	20.5	8.2	3.7	0.0
-65°	87.6	56.1	33.5	17.1	7.6	3.4	0.0
-67.5°	73.9	47.0	28.1	13.6	6.9	3.0	0.0
-70°	59.6	38.8	22.4	9.9	6.2	2.7	0.0
-72.5°	47.6	30.3	16.5	8.3	5.5	2.4	0.0
-75°	35.7	21.5	10.3	7.1	4.7	2.1	0.0
-77.5°	23.4	12.4	7.9	6.0	4.0	1.7	0.0
-80°	10.7	7.9	6.4	4.8	3.2	1.4	0.0
-82.5°	7.1	6.0	4.8	3.6	2.4	1.0	0.0
-85°	4.8	4.0	3.2	2.4	1.6	0.7	0.0
-87.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)