

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: P626921 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-735-U-VWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626921 (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-735-U-VWR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N50  
Light Source: (32) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

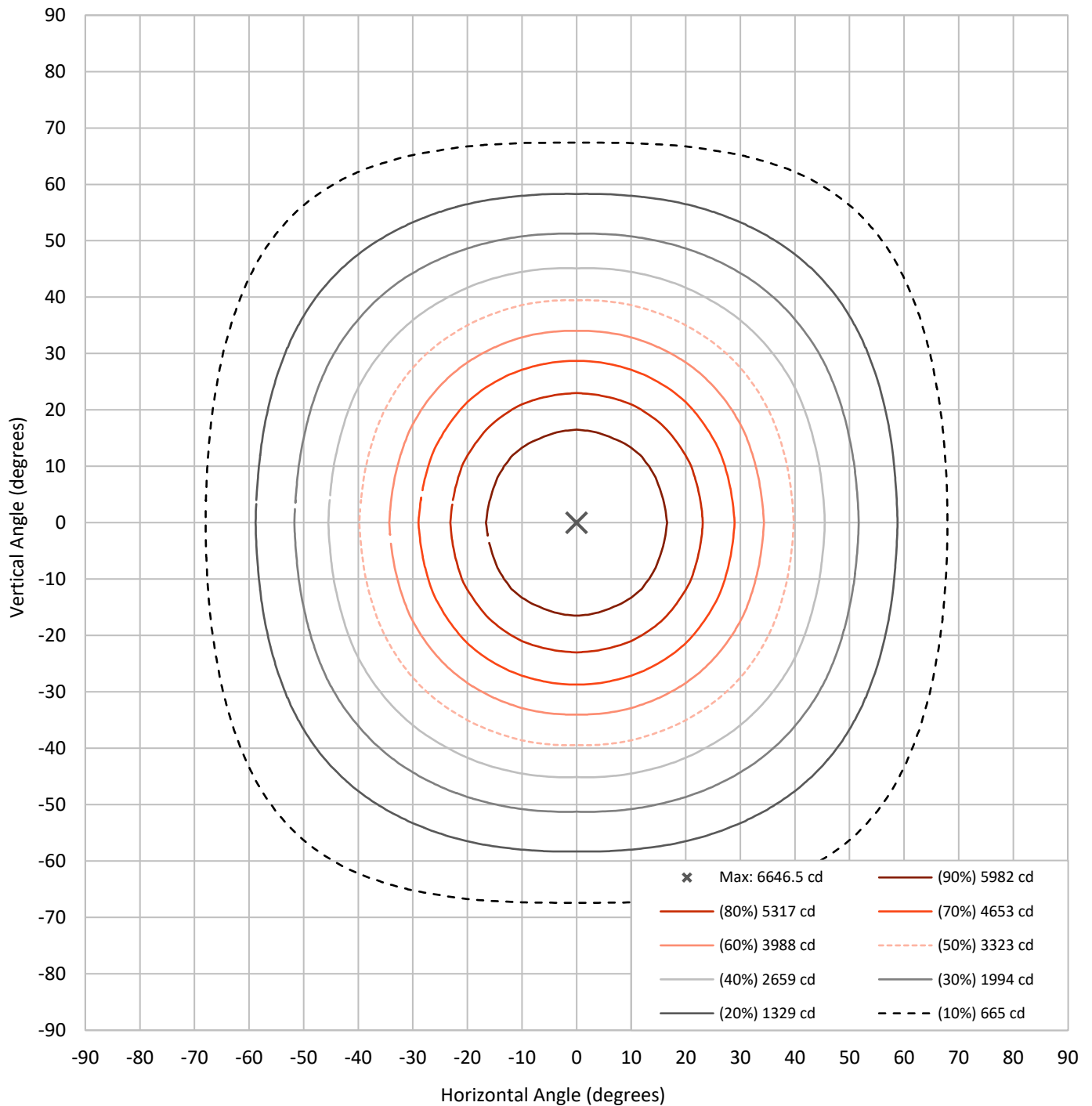
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	12013 lumens	Max Intensity:	6646.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	145.4 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:	7045.7 lumens	Field Lumens:	11452.3 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





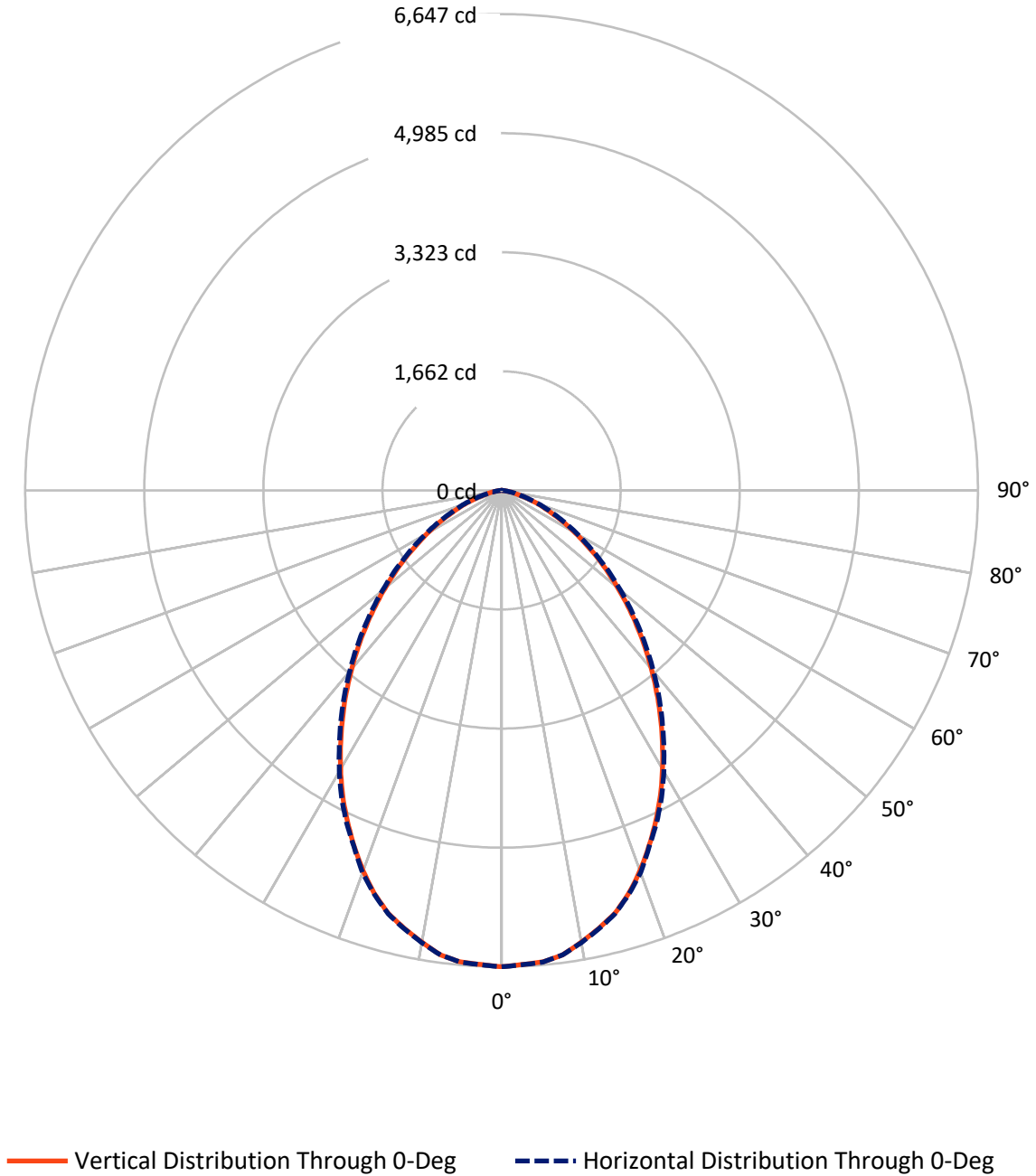
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### Lumen Table

90																			
80	0.4	4.9	13.4	22.8	21.5	22.8	13.4	4.9	0.4										
70																			
60	2.2	3.1	6.2	10.6	15.5	20.0	23.4	25.1	25.1	23.4	20.0	15.5	10.6	6.2	3.1	2.2			
50																			
40	3.9	4.6	10.1	18.0	27.3	37.1	45.1	49.3	49.3	45.1	37.1	27.3	18.0	10.1	4.6	3.9			
30																			
20	5.0	6.2	14.6	27.0	42.7	59.2	73.1	80.6	80.6	73.1	59.2	42.7	27.0	14.6	6.2	5.0			
10																			
0	5.5	7.9	19.4	37.1	59.8	83.9	104.4	116.1	116.1	104.4	83.9	59.8	37.1	19.4	7.9	5.5			
-10																			
-20	5.0	9.4	23.8	46.7	76.2	108.1	136.0	152.0	152.0	136.0	108.1	76.2	46.7	23.8	9.4	5.0			
-30																			
-40	3.9	10.6	27.3	53.8	88.9	127.8	162.0	181.5	181.5	162.0	127.8	88.9	53.8	27.3	10.6	3.9			
-50																			
-60	2.2	11.2	29.2	57.9	96.0	138.7	176.1	196.6	196.6	176.1	138.7	96.0	57.9	29.2	11.2	2.2			
-70																			
-80	0.4	11.2	29.2	57.9	96.0	138.7	176.1	196.6	196.6	176.1	138.7	96.0	57.9	29.2	11.2	0.4			
-90																			

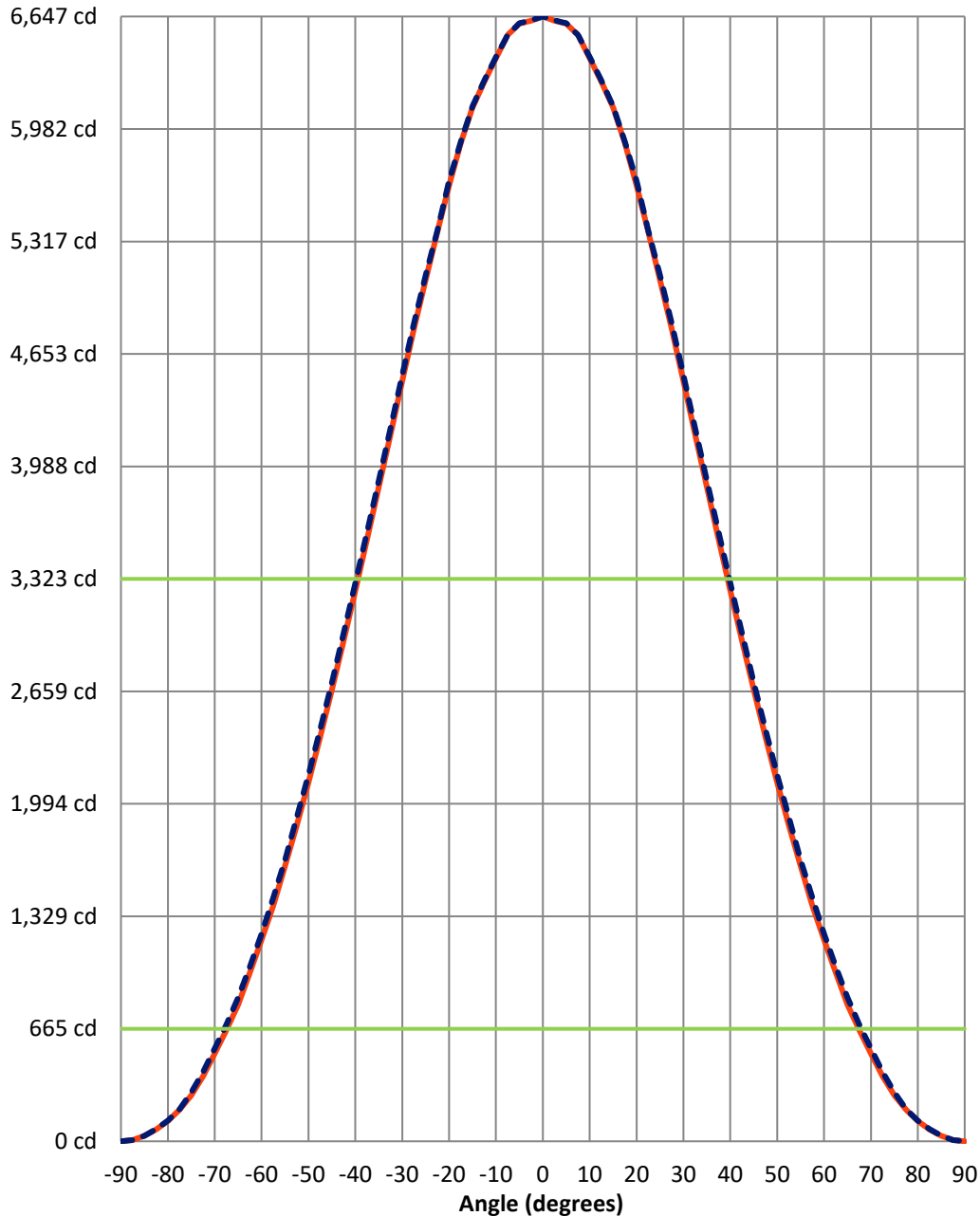
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 79.6°  
 V Angle: 78.9°  
 Lumens: 7045.7  
 Efficiency: 58.7%

**Field:**  
 H Angle: 135.9°  
 V Angle: 134.8°  
 Lumens: 11452.3  
 Efficiency: 95.3%

**Spill:**  
 Lumens: 560.7  
 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	0.9	1.3	1.7	2.2	2.6	3.0	3.4	3.8	4.2
85°	0.0	0.8	1.7	2.6	3.5	4.3	5.2	6.0	6.8	7.6	8.4
82.5°	0.0	1.1	2.6	3.9	5.2	6.5	7.7	9.0	11.3	17.7	23.9
80°	0.0	1.5	3.5	5.2	6.9	8.6	11.6	20.7	29.4	37.8	45.8
77.5°	0.0	1.9	4.3	6.5	8.6	13.5	25.3	36.7	47.5	57.8	70.5
75°	0.0	2.3	5.1	7.7	11.2	23.3	38.7	52.7	66.1	84.5	104.1
72.5°	0.0	2.6	5.9	9.0	17.9	32.9	51.6	69.8	90.8	113.3	137.0
70°	0.0	3.0	6.7	10.8	24.3	42.1	64.5	90.3	115.1	141.5	172.4
67.5°	0.0	3.3	7.5	14.7	30.5	50.9	80.1	110.3	138.8	172.2	207.6
65°	0.0	3.6	8.2	18.6	36.4	60.8	94.9	129.8	164.4	202.0	240.6
62.5°	0.0	4.0	9.0	22.2	42.0	71.6	109.0	150.2	189.2	230.4	270.0
60°	0.0	4.3	9.7	25.7	47.2	81.8	122.2	170.4	213.0	257.1	299.1
57.5°	0.0	4.6	11.6	28.9	54.2	91.4	136.2	189.3	236.5	283.2	326.6
55°	0.0	4.9	13.5	31.9	60.9	100.3	149.5	205.6	259.7	308.5	353.1
52.5°	0.0	5.2	15.3	34.7	67.1	108.8	161.8	222.5	282.2	331.7	378.8
50°	0.0	5.4	17.0	37.3	72.8	117.8	173.0	238.6	303.7	354.3	408.4
47.5°	0.0	5.7	18.7	39.9	78.0	126.1	183.6	253.6	323.1	376.1	437.3
45°	0.0	5.9	20.3	43.4	82.7	133.5	195.3	267.3	338.2	400.9	465.0
42.5°	0.0	6.2	21.8	46.5	86.8	140.1	206.0	280.0	352.6	424.5	497.6
40°	0.0	6.4	23.2	49.7	91.0	145.9	215.8	292.0	367.6	446.7	529.3
37.5°	0.0	6.6	24.5	52.9	95.1	150.8	224.5	303.4	384.5	467.7	559.1
35°	0.0	6.7	25.7	55.8	98.7	156.5	232.2	314.1	401.0	491.9	589.1
32.5°	0.0	6.9	26.9	58.5	101.6	162.2	239.3	324.1	416.9	515.2	620.9
30°	0.0	7.0	27.9	61.0	104.0	167.0	246.7	334.1	432.3	537.4	650.6
27.5°	0.0	7.2	28.8	63.3	107.6	171.1	253.3	345.8	448.1	558.6	678.2
25°	0.0	7.3	29.6	65.3	110.9	174.3	259.2	356.6	464.7	580.0	703.7
22.5°	0.0	7.4	30.4	67.1	113.8	177.5	264.2	366.5	479.9	600.4	730.8
20°	0.0	7.4	31.0	68.6	116.4	181.9	268.3	375.4	493.7	618.6	755.1
17.5°	0.0	7.5	31.5	69.9	118.5	185.5	273.5	383.3	505.9	634.5	776.6
15°	0.0	7.6	32.0	70.9	120.2	188.3	278.8	390.8	516.6	648.2	795.1
12.5°	0.0	7.6	32.3	71.7	121.5	190.3	283.2	397.8	526.3	659.6	810.6
10°	0.0	7.6	32.5	72.3	122.5	191.6	286.6	403.3	534.7	670.2	823.7
7.5°	0.0	7.6	32.6	72.6	123.0	192.1	288.8	407.1	541.1	678.8	834.9
5°	0.0	7.6	32.6	72.7	123.1	191.8	290.0	409.2	545.5	685.0	843.0
2.5°	0.0	7.5	32.6	72.6	122.8	190.9	290.1	409.7	547.9	688.8	847.9
0°	0.0	7.5	32.4	72.2	122.1	189.3	289.0	408.6	548.1	690.1	849.5
-2.5°	0.0	7.5	32.6	72.6	122.8	190.9	290.1	409.7	547.9	688.8	847.9
-5°	0.0	7.6	32.6	72.7	123.1	191.8	290.0	409.2	545.5	685.0	843.0
-7.5°	0.0	7.6	32.6	72.6	123.0	192.1	288.8	407.1	541.1	678.8	834.9
-10°	0.0	7.6	32.5	72.3	122.5	191.6	286.6	403.3	534.7	670.2	823.7
-12.5°	0.0	7.6	32.3	71.7	121.5	190.3	283.2	397.8	526.3	659.6	810.6
-15°	0.0	7.6	32.0	70.9	120.2	188.3	278.8	390.8	516.6	648.2	795.1
-17.5°	0.0	7.5	31.5	69.9	118.5	185.5	273.5	383.3	505.9	634.5	776.6
-20°	0.0	7.4	31.0	68.6	116.4	181.9	268.3	375.4	493.7	618.6	755.1

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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	7.4	30.4	67.1	113.8	177.5	264.2	366.5	479.9	600.4	730.8
-25°	0.0	7.3	29.6	65.3	110.9	174.3	259.2	356.6	464.7	580.0	703.7
-27.5°	0.0	7.2	28.8	63.3	107.6	171.1	253.3	345.8	448.1	558.6	678.2
-30°	0.0	7.0	27.9	61.0	104.0	167.0	246.7	334.1	432.3	537.4	650.6
-32.5°	0.0	6.9	26.9	58.5	101.6	162.2	239.3	324.1	416.9	515.2	620.9
-35°	0.0	6.7	25.7	55.8	98.7	156.5	232.2	314.1	401.0	491.9	589.1
-37.5°	0.0	6.6	24.5	52.9	95.1	150.8	224.5	303.4	384.5	467.7	559.1
-40°	0.0	6.4	23.2	49.7	91.0	145.9	215.8	292.0	367.6	446.7	529.3
-42.5°	0.0	6.2	21.8	46.5	86.8	140.1	206.0	280.0	352.6	424.5	497.6
-45°	0.0	5.9	20.3	43.4	82.7	133.5	195.3	267.3	338.2	400.9	465.0
-47.5°	0.0	5.7	18.7	39.9	78.0	126.1	183.6	253.6	323.1	376.1	437.3
-50°	0.0	5.4	17.0	37.3	72.8	117.8	173.0	238.6	303.7	354.3	408.4
-52.5°	0.0	5.2	15.3	34.7	67.1	108.8	161.8	222.5	282.2	331.7	378.8
-55°	0.0	4.9	13.5	31.9	60.9	100.3	149.5	205.6	259.7	308.5	353.1
-57.5°	0.0	4.6	11.6	28.9	54.2	91.4	136.2	189.3	236.5	283.2	326.6
-60°	0.0	4.3	9.7	25.7	47.2	81.8	122.2	170.4	213.0	257.1	299.1
-62.5°	0.0	4.0	9.0	22.2	42.0	71.6	109.0	150.2	189.2	230.4	270.0
-65°	0.0	3.6	8.2	18.6	36.4	60.8	94.9	129.8	164.4	202.0	240.6
-67.5°	0.0	3.3	7.5	14.7	30.5	50.9	80.1	110.3	138.8	172.2	207.6
-70°	0.0	3.0	6.7	10.8	24.3	42.1	64.5	90.3	115.1	141.5	172.4
-72.5°	0.0	2.6	5.9	9.0	17.9	32.9	51.6	69.8	90.8	113.3	137.0
-75°	0.0	2.3	5.1	7.7	11.2	23.3	38.7	52.7	66.1	84.5	104.1
-77.5°	0.0	1.9	4.3	6.5	8.6	13.5	25.3	36.7	47.5	57.8	70.5
-80°	0.0	1.5	3.5	5.2	6.9	8.6	11.6	20.7	29.4	37.8	45.8
-82.5°	0.0	1.1	2.6	3.9	5.2	6.5	7.7	9.0	11.3	17.7	23.9
-85°	0.0	0.8	1.7	2.6	3.5	4.3	5.2	6.0	6.8	7.6	8.4
-87.5°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.0	3.4	3.8	4.2
-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-735-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°	4.9	5.6	6.4	7.2	7.2	7.2	7.2	7.1	7.4	7.7	7.9
85°	9.8	11.2	15.6	19.8	21.8	23.0	23.6	23.5	27.3	31.7	36.5
82.5°	30.3	36.6	42.5	48.2	49.7	49.7	49.2	49.4	58.4	68.6	79.2
80°	54.0	61.9	72.4	81.7	85.8	87.9	88.9	88.7	100.1	115.2	131.0
77.5°	85.6	99.0	110.6	120.4	125.7	130.5	134.3	137.2	151.8	170.9	189.8
75°	121.7	136.3	150.9	163.5	172.4	179.0	185.1	195.0	214.0	236.3	255.7
72.5°	159.7	178.4	194.7	208.4	220.9	234.1	248.8	265.0	285.1	307.4	327.7
70°	200.4	221.0	237.9	254.5	271.4	291.2	313.4	335.2	357.7	382.2	405.9
67.5°	240.2	260.0	280.0	300.9	326.2	352.7	378.9	409.0	439.9	467.1	491.5
65°	274.7	297.9	322.9	351.3	382.6	416.3	451.3	487.4	526.5	559.2	589.0
62.5°	307.7	335.6	366.0	401.3	441.3	481.2	525.8	571.0	614.9	653.5	689.2
60°	338.0	371.9	410.3	453.7	500.3	553.3	604.1	655.5	703.8	747.5	792.5
57.5°	367.6	410.2	456.3	508.4	567.3	626.8	686.6	741.9	796.5	849.7	900.7
55°	398.9	450.2	505.1	568.9	635.4	705.8	770.2	831.9	892.0	956.6	1018.0
52.5°	433.3	490.7	559.3	630.8	707.6	783.1	853.8	924.1	996.8	1069.9	1149.9
50°	466.6	538.1	613.3	696.4	779.4	860.3	941.4	1022.3	1109.4	1199.1	1289.6
47.5°	505.4	583.4	672.3	761.4	852.0	942.1	1032.5	1130.3	1229.2	1333.2	1433.4
45°	544.7	632.4	728.2	828.9	926.9	1026.7	1132.3	1240.5	1356.5	1470.9	1591.4
42.5°	581.9	681.1	786.6	895.4	1004.5	1115.9	1232.1	1358.4	1485.2	1617.1	1749.6
40°	623.2	727.3	843.7	963.6	1081.9	1205.5	1338.2	1475.1	1618.5	1763.6	1907.4
37.5°	662.8	777.3	899.7	1028.7	1161.5	1297.3	1441.5	1596.8	1752.3	1908.4	2067.0
35°	700.0	824.7	957.2	1094.2	1235.1	1389.5	1550.7	1716.5	1885.0	2053.8	2224.4
32.5°	738.2	869.4	1012.3	1158.9	1314.1	1479.7	1656.2	1835.9	2015.4	2195.6	2382.4
30°	776.4	916.3	1065.6	1220.0	1389.8	1570.2	1759.9	1950.2	2140.1	2338.5	2537.5
27.5°	812.6	960.7	1117.9	1283.2	1462.4	1654.0	1855.5	2059.3	2264.1	2475.0	2687.3
25°	845.9	1002.9	1166.5	1344.0	1533.9	1734.7	1944.6	2157.3	2381.9	2607.5	2829.2
22.5°	878.4	1041.6	1211.5	1400.0	1598.7	1809.6	2028.1	2252.8	2487.4	2729.8	2959.2
20°	909.7	1078.4	1255.3	1450.8	1656.7	1877.0	2104.1	2339.3	2585.5	2834.3	3081.1
17.5°	937.5	1111.2	1296.1	1498.2	1712.1	1938.7	2172.5	2415.4	2672.6	2930.5	3192.0
15°	961.6	1139.7	1331.4	1539.6	1761.1	1994.7	2236.0	2485.8	2749.6	3018.2	3290.0
12.5°	982.1	1163.8	1361.1	1574.8	1802.7	2042.7	2290.6	2549.2	2820.1	3096.2	3375.9
10°	998.7	1183.5	1385.2	1603.6	1836.6	2082.5	2335.6	2601.5	2880.4	3162.5	3448.1
7.5°	1012.9	1199.9	1404.3	1625.8	1862.7	2113.5	2370.6	2642.2	2928.5	3214.3	3506.1
5°	1023.1	1213.2	1421.8	1644.4	1885.5	2137.8	2397.1	2671.3	2963.7	3251.1	3548.2
2.5°	1029.3	1221.8	1433.8	1656.4	1903.3	2156.0	2420.6	2696.9	2989.5	3280.4	3579.9
0°	1031.4	1225.7	1439.9	1661.6	1913.2	2164.8	2433.9	2710.4	3001.9	3298.3	3599.8
-2.5°	1029.3	1221.8	1433.8	1656.4	1903.3	2156.0	2420.6	2696.9	2989.5	3280.4	3579.9
-5°	1023.1	1213.2	1421.8	1644.4	1885.5	2137.8	2397.1	2671.3	2963.7	3251.1	3548.2
-7.5°	1012.9	1199.9	1404.3	1625.8	1862.7	2113.5	2370.6	2642.2	2928.5	3214.3	3506.1
-10°	998.7	1183.5	1385.2	1603.6	1836.6	2082.5	2335.6	2601.5	2880.4	3162.5	3448.1
-12.5°	982.1	1163.8	1361.1	1574.8	1802.7	2042.7	2290.6	2549.2	2820.1	3096.2	3375.9
-15°	961.6	1139.7	1331.4	1539.6	1761.1	1994.7	2236.0	2485.8	2749.6	3018.2	3290.0
-17.5°	937.5	1111.2	1296.1	1498.2	1712.1	1938.7	2172.5	2415.4	2672.6	2930.5	3192.0
-20°	909.7	1078.4	1255.3	1450.8	1656.7	1877.0	2104.1	2339.3	2585.5	2834.3	3081.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626921 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-735-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°	878.4	1041.6	1211.5	1400.0	1598.7	1809.6	2028.1	2252.8	2487.4	2729.8	2959.2
-25°	845.9	1002.9	1166.5	1344.0	1533.9	1734.7	1944.6	2157.3	2381.9	2607.5	2829.2
-27.5°	812.6	960.7	1117.9	1283.2	1462.4	1654.0	1855.5	2059.3	2264.1	2475.0	2687.3
-30°	776.4	916.3	1065.6	1220.0	1389.8	1570.2	1759.9	1950.2	2140.1	2338.5	2537.5
-32.5°	738.2	869.4	1012.3	1158.9	1314.1	1479.7	1656.2	1835.9	2015.4	2195.6	2382.4
-35°	700.0	824.7	957.2	1094.2	1235.1	1389.5	1550.7	1716.5	1885.0	2053.8	2224.4
-37.5°	662.8	777.3	899.7	1028.7	1161.5	1297.3	1441.5	1596.8	1752.3	1908.4	2067.0
-40°	623.2	727.3	843.7	963.6	1081.9	1205.5	1338.2	1475.1	1618.5	1763.6	1907.4
-42.5°	581.9	681.1	786.6	895.4	1004.5	1115.9	1232.1	1358.4	1485.2	1617.1	1749.6
-45°	544.7	632.4	728.2	828.9	926.9	1026.7	1132.3	1240.5	1356.5	1470.9	1591.4
-47.5°	505.4	583.4	672.3	761.4	852.0	942.1	1032.5	1130.3	1229.2	1333.2	1433.4
-50°	466.6	538.1	613.3	696.4	779.4	860.3	941.4	1022.3	1109.4	1199.1	1289.6
-52.5°	433.3	490.7	559.3	630.8	707.6	783.1	853.8	924.1	996.8	1069.9	1149.9
-55°	398.9	450.2	505.1	568.9	635.4	705.8	770.2	831.9	892.0	956.6	1018.0
-57.5°	367.6	410.2	456.3	508.4	567.3	626.8	686.6	741.9	796.5	849.7	900.7
-60°	338.0	371.9	410.3	453.7	500.3	553.3	604.1	655.5	703.8	747.5	792.5
-62.5°	307.7	335.6	366.0	401.3	441.3	481.2	525.8	571.0	614.9	653.5	689.2
-65°	274.7	297.9	322.9	351.3	382.6	416.3	451.3	487.4	526.5	559.2	589.0
-67.5°	240.2	260.0	280.0	300.9	326.2	352.7	378.9	409.0	439.9	467.1	491.5
-70°	200.4	221.0	237.9	254.5	271.4	291.2	313.4	335.2	357.7	382.2	405.9
-72.5°	159.7	178.4	194.7	208.4	220.9	234.1	248.8	265.0	285.1	307.4	327.7
-75°	121.7	136.3	150.9	163.5	172.4	179.0	185.1	195.0	214.0	236.3	255.7
-77.5°	85.6	99.0	110.6	120.4	125.7	130.5	134.3	137.2	151.8	170.9	189.8
-80°	54.0	61.9	72.4	81.7	85.8	87.9	88.9	88.7	100.1	115.2	131.0
-82.5°	30.3	36.6	42.5	48.2	49.7	49.7	49.2	49.4	58.4	68.6	79.2
-85°	9.8	11.2	15.6	19.8	21.8	23.0	23.6	23.5	27.3	31.7	36.5
-87.5°	4.9	5.6	6.4	7.2	7.2	7.2	7.2	7.1	7.4	7.7	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: P626921 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-735-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°	8.2	8.4	8.7	8.9	9.1	9.2	9.4	9.5	9.7	9.2	8.6
85°	41.6	44.6	47.3	50.0	52.5	54.8	57.1	59.1	61.0	55.8	49.9
82.5°	89.9	97.1	103.9	110.8	117.5	119.2	119.8	119.5	118.6	109.3	99.0
80°	146.7	158.9	170.4	181.8	193.1	194.4	193.1	190.8	187.5	175.3	161.5
77.5°	208.7	224.1	237.6	249.9	261.1	263.2	262.9	262.3	261.4	249.0	233.9
75°	272.3	287.4	301.9	314.2	324.5	329.2	331.5	333.2	334.1	325.1	313.5
72.5°	346.0	361.7	374.5	386.4	396.6	403.9	409.2	413.2	415.9	413.2	408.4
70°	426.0	442.8	456.9	470.4	484.2	495.2	503.5	509.6	513.4	515.9	517.7
67.5°	516.1	538.6	558.3	575.1	591.7	607.3	620.1	630.5	638.6	645.5	650.8
65°	617.6	646.4	671.9	695.4	716.9	739.4	758.0	773.5	786.1	796.4	804.7
62.5°	724.3	759.6	792.4	824.2	855.3	886.0	909.6	931.0	950.1	966.5	979.6
60°	835.2	875.3	919.2	961.2	999.9	1035.2	1070.2	1100.6	1126.6	1148.2	1165.6
57.5°	954.3	1006.3	1057.7	1109.8	1159.1	1205.3	1248.4	1286.5	1318.7	1345.1	1367.2
55°	1083.1	1148.0	1207.7	1273.5	1337.0	1394.9	1445.8	1490.6	1529.4	1561.8	1589.4
52.5°	1224.6	1303.5	1381.0	1455.9	1528.0	1595.2	1656.2	1708.4	1754.7	1794.5	1826.2
50°	1379.5	1469.8	1559.6	1642.9	1725.8	1803.2	1873.1	1933.6	1987.6	2034.3	2071.1
47.5°	1541.5	1644.3	1744.6	1839.9	1931.7	2017.7	2093.4	2162.3	2229.6	2284.5	2327.9
45°	1709.7	1825.0	1935.6	2044.6	2145.7	2242.1	2335.5	2421.4	2490.4	2550.9	2601.7
42.5°	1879.9	2008.5	2132.4	2251.3	2362.4	2473.9	2579.0	2672.9	2751.6	2820.4	2878.1
40°	2052.4	2193.2	2329.7	2459.3	2586.3	2707.9	2821.5	2920.6	3009.4	3091.1	3159.1
37.5°	2224.0	2378.9	2530.1	2675.3	2815.2	2946.8	3069.7	3181.6	3281.8	3374.8	3450.4
35°	2396.3	2566.3	2731.8	2891.6	3044.4	3189.7	3324.2	3451.5	3569.7	3663.8	3741.1
32.5°	2568.0	2750.8	2930.9	3106.8	3274.1	3430.7	3576.4	3717.1	3838.6	3942.1	4031.0
30°	2734.2	2932.1	3128.3	3319.0	3499.7	3669.4	3830.7	3979.5	4110.2	4223.5	4323.1
27.5°	2897.2	3109.9	3320.3	3524.2	3719.5	3903.9	4079.9	4241.2	4383.9	4507.0	4612.1
25°	3051.3	3279.8	3504.2	3720.3	3928.9	4132.4	4322.4	4498.5	4650.8	4786.0	4893.9
22.5°	3198.5	3442.3	3678.0	3905.3	4128.5	4347.7	4555.8	4739.7	4901.1	5042.4	5161.8
20°	3335.7	3596.8	3838.1	4078.4	4313.5	4547.7	4771.1	4965.0	5135.8	5286.2	5417.9
17.5°	3463.8	3731.8	3985.7	4241.7	4489.5	4735.0	4962.0	5170.0	5354.2	5513.9	5651.9
15°	3572.3	3843.0	4120.3	4393.6	4654.8	4903.5	5130.3	5347.5	5552.1	5724.8	5864.7
12.5°	3660.2	3941.7	4231.0	4521.1	4797.4	5045.7	5283.2	5503.5	5718.4	5912.4	6041.0
10°	3735.1	4024.9	4323.6	4619.5	4899.4	5162.3	5420.4	5653.3	5864.5	6038.2	6181.8
7.5°	3799.9	4098.4	4401.8	4698.1	4977.1	5248.7	5514.4	5761.8	5975.0	6138.7	6266.7
5°	3847.7	4153.3	4462.5	4761.5	5044.5	5316.9	5583.8	5828.1	6036.2	6202.7	6342.4
2.5°	3881.8	4190.3	4501.7	4801.2	5090.4	5363.6	5637.1	5884.1	6085.7	6238.3	6372.0
0°	3903.7	4212.6	4526.5	4832.9	5116.9	5381.0	5674.9	5906.6	6115.9	6267.8	6407.3
-2.5°	3881.8	4190.3	4501.7	4801.2	5090.4	5363.6	5637.1	5884.1	6085.7	6238.3	6372.0
-5°	3847.7	4153.3	4462.5	4761.5	5044.5	5316.9	5583.8	5828.1	6036.2	6202.7	6342.4
-7.5°	3799.9	4098.4	4401.8	4698.1	4977.1	5248.7	5514.4	5761.8	5975.0	6138.7	6266.7
-10°	3735.1	4024.9	4323.6	4619.5	4899.4	5162.3	5420.4	5653.3	5864.5	6038.2	6181.8
-12.5°	3660.2	3941.7	4231.0	4521.1	4797.4	5045.7	5283.2	5503.5	5718.4	5912.4	6041.0
-15°	3572.3	3843.0	4120.3	4393.6	4654.8	4903.5	5130.3	5347.5	5552.1	5724.8	5864.7
-17.5°	3463.8	3731.8	3985.7	4241.7	4489.5	4735.0	4962.0	5170.0	5354.2	5513.9	5651.9
-20°	3335.7	3596.8	3838.1	4078.4	4313.5	4547.7	4771.1	4965.0	5135.8	5286.2	5417.9



REPORT NUMBER: P626921 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-735-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3198.5	3442.3	3678.0	3905.3	4128.5	4347.7	4555.8	4739.7	4901.1	5042.4	5161.8
-25°	3051.3	3279.8	3504.2	3720.3	3928.9	4132.4	4322.4	4498.5	4650.8	4786.0	4893.9
-27.5°	2897.2	3109.9	3320.3	3524.2	3719.5	3903.9	4079.9	4241.2	4383.9	4507.0	4612.1
-30°	2734.2	2932.1	3128.3	3319.0	3499.7	3669.4	3830.7	3979.5	4110.2	4223.5	4323.1
-32.5°	2568.0	2750.8	2930.9	3106.8	3274.1	3430.7	3576.4	3717.1	3838.6	3942.1	4031.0
-35°	2396.3	2566.3	2731.8	2891.6	3044.4	3189.7	3324.2	3451.5	3569.7	3663.8	3741.1
-37.5°	2224.0	2378.9	2530.1	2675.3	2815.2	2946.8	3069.7	3181.6	3281.8	3374.8	3450.4
-40°	2052.4	2193.2	2329.7	2459.3	2586.3	2707.9	2821.5	2920.6	3009.4	3091.1	3159.1
-42.5°	1879.9	2008.5	2132.4	2251.3	2362.4	2473.9	2579.0	2672.9	2751.6	2820.4	2878.1
-45°	1709.7	1825.0	1935.6	2044.6	2145.7	2242.1	2335.5	2421.4	2490.4	2550.9	2601.7
-47.5°	1541.5	1644.3	1744.6	1839.9	1931.7	2017.7	2093.4	2162.3	2229.6	2284.5	2327.9
-50°	1379.5	1469.8	1559.6	1642.9	1725.8	1803.2	1873.1	1933.6	1987.6	2034.3	2071.1
-52.5°	1224.6	1303.5	1381.0	1455.9	1528.0	1595.2	1656.2	1708.4	1754.7	1794.5	1826.2
-55°	1083.1	1148.0	1207.7	1273.5	1337.0	1394.9	1445.8	1490.6	1529.4	1561.8	1589.4
-57.5°	954.3	1006.3	1057.7	1109.8	1159.1	1205.3	1248.4	1286.5	1318.7	1345.1	1367.2
-60°	835.2	875.3	919.2	961.2	999.9	1035.2	1070.2	1100.6	1126.6	1148.2	1165.6
-62.5°	724.3	759.6	792.4	824.2	855.3	886.0	909.6	931.0	950.1	966.5	979.6
-65°	617.6	646.4	671.9	695.4	716.9	739.4	758.0	773.5	786.1	796.4	804.7
-67.5°	516.1	538.6	558.3	575.1	591.7	607.3	620.1	630.5	638.6	645.5	650.8
-70°	426.0	442.8	456.9	470.4	484.2	495.2	503.5	509.6	513.4	515.9	517.7
-72.5°	346.0	361.7	374.5	386.4	396.6	403.9	409.2	413.2	415.9	413.2	408.4
-75°	272.3	287.4	301.9	314.2	324.5	329.2	331.5	333.2	334.1	325.1	313.5
-77.5°	208.7	224.1	237.6	249.9	261.1	263.2	262.9	262.3	261.4	249.0	233.9
-80°	146.7	158.9	170.4	181.8	193.1	194.4	193.1	190.8	187.5	175.3	161.5
-82.5°	89.9	97.1	103.9	110.8	117.5	119.2	119.8	119.5	118.6	109.3	99.0
-85°	41.6	44.6	47.3	50.0	52.5	54.8	57.1	59.1	61.0	55.8	49.9
-87.5°	8.2	8.4	8.7	8.9	9.1	9.2	9.4	9.5	9.7	9.2	8.6
-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: P626921 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-735-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°	8.1	7.5	7.5	7.5	7.5	7.5	8.1	8.6	9.2	9.7	9.5
85°	43.7	37.2	34.9	32.4	34.9	37.2	43.7	49.9	55.8	61.0	59.1
82.5°	88.2	76.9	73.4	69.8	73.4	76.9	88.2	99.0	109.3	118.6	119.5
80°	146.9	131.7	125.7	119.6	125.7	131.7	146.9	161.5	175.3	187.5	190.8
77.5°	218.0	201.3	194.2	186.8	194.2	201.3	218.0	233.9	249.0	261.4	262.3
75°	301.1	288.0	280.1	271.5	280.1	288.0	301.1	313.5	325.1	334.1	333.2
72.5°	402.9	396.5	390.7	383.6	390.7	396.5	402.9	408.4	413.2	415.9	413.2
70°	518.3	517.5	518.5	518.2	518.5	517.5	518.3	517.7	515.9	513.4	509.6
67.5°	653.5	653.7	656.5	657.7	656.5	653.7	653.5	650.8	645.5	638.6	630.5
65°	809.9	811.8	811.0	807.1	811.0	811.8	809.9	804.7	796.4	786.1	773.5
62.5°	988.9	994.2	997.2	996.5	997.2	994.2	988.9	979.6	966.5	950.1	931.0
60°	1178.6	1187.0	1191.2	1190.8	1191.2	1187.0	1178.6	1165.6	1148.2	1126.6	1100.6
57.5°	1383.7	1394.5	1397.1	1392.6	1397.1	1394.5	1383.7	1367.2	1345.1	1318.7	1286.5
55°	1610.1	1623.9	1629.2	1626.7	1629.2	1623.9	1610.1	1589.4	1561.8	1529.4	1490.6
52.5°	1849.5	1864.5	1869.7	1865.9	1869.7	1864.5	1849.5	1826.2	1794.5	1754.7	1708.4
50°	2098.1	2116.2	2123.5	2120.0	2123.5	2116.2	2098.1	2071.1	2034.3	1987.6	1933.6
47.5°	2362.0	2386.1	2395.4	2389.0	2395.4	2386.1	2362.0	2327.9	2284.5	2229.6	2162.3
45°	2639.6	2664.6	2674.3	2668.1	2674.3	2664.6	2639.6	2601.7	2550.9	2490.4	2421.4
42.5°	2922.2	2954.8	2968.5	2957.0	2968.5	2954.8	2922.2	2878.1	2820.4	2751.6	2672.9
40°	3209.9	3245.1	3261.4	3253.5	3261.4	3245.1	3209.9	3159.1	3091.1	3009.4	2920.6
37.5°	3504.9	3540.0	3557.2	3557.4	3557.2	3540.0	3504.9	3450.4	3374.8	3281.8	3181.6
35°	3801.0	3843.5	3867.5	3866.3	3867.5	3843.5	3801.0	3741.1	3663.8	3569.7	3451.5
32.5°	4101.3	4147.2	4171.8	4175.2	4171.8	4147.2	4101.3	4031.0	3942.1	3838.6	3717.1
30°	4401.0	4451.5	4479.9	4491.6	4479.9	4451.5	4401.0	4323.1	4223.5	4110.2	3979.5
27.5°	4691.7	4753.9	4796.8	4800.5	4796.8	4753.9	4691.7	4612.1	4507.0	4383.9	4241.2
25°	4973.2	5036.5	5080.6	5089.5	5080.6	5036.5	4973.2	4893.9	4786.0	4650.8	4498.5
22.5°	5250.6	5316.9	5357.5	5373.5	5357.5	5316.9	5250.6	5161.8	5042.4	4901.1	4739.7
20°	5515.5	5587.3	5630.3	5647.5	5630.3	5587.3	5515.5	5417.9	5286.2	5135.8	4965.0
17.5°	5755.1	5830.9	5884.2	5899.1	5884.2	5830.9	5755.1	5651.9	5513.9	5354.2	5170.0
15°	5966.0	6037.9	6088.4	6108.4	6088.4	6037.9	5966.0	5864.7	5724.8	5552.1	5347.5
12.5°	6137.7	6202.0	6241.6	6260.4	6241.6	6202.0	6137.7	6041.0	5912.4	5718.4	5503.5
10°	6271.8	6336.3	6374.1	6399.9	6374.1	6336.3	6271.8	6181.8	6038.2	5864.5	5653.3
7.5°	6388.2	6454.3	6500.5	6536.9	6500.5	6454.3	6388.2	6266.7	6138.7	5975.0	5761.8
5°	6452.4	6562.8	6579.4	6604.1	6579.4	6562.8	6452.4	6342.4	6202.7	6036.2	5828.1
2.5°	6501.4	6579.7	6626.7	6621.6	6626.7	6579.7	6501.4	6372.0	6238.3	6085.7	5884.1
0°	6536.9	6606.6	6624.1	6646.5	6624.1	6606.6	6536.9	6407.3	6267.8	6115.9	5906.6
-2.5°	6501.4	6579.7	6626.7	6621.6	6626.7	6579.7	6501.4	6372.0	6238.3	6085.7	5884.1
-5°	6452.4	6562.8	6579.4	6604.1	6579.4	6562.8	6452.4	6342.4	6202.7	6036.2	5828.1
-7.5°	6388.2	6454.3	6500.5	6536.9	6500.5	6454.3	6388.2	6266.7	6138.7	5975.0	5761.8
-10°	6271.8	6336.3	6374.1	6399.9	6374.1	6336.3	6271.8	6181.8	6038.2	5864.5	5653.3
-12.5°	6137.7	6202.0	6241.6	6260.4	6241.6	6202.0	6137.7	6041.0	5912.4	5718.4	5503.5
-15°	5966.0	6037.9	6088.4	6108.4	6088.4	6037.9	5966.0	5864.7	5724.8	5552.1	5347.5
-17.5°	5755.1	5830.9	5884.2	5899.1	5884.2	5830.9	5755.1	5651.9	5513.9	5354.2	5170.0
-20°	5515.5	5587.3	5630.3	5647.5	5630.3	5587.3	5515.5	5417.9	5286.2	5135.8	4965.0



REPORT NUMBER: P626921 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-735-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°	5250.6	5316.9	5357.5	5373.5	5357.5	5316.9	5250.6	5161.8	5042.4	4901.1	4739.7
-25°	4973.2	5036.5	5080.6	5089.5	5080.6	5036.5	4973.2	4893.9	4786.0	4650.8	4498.5
-27.5°	4691.7	4753.9	4796.8	4800.5	4796.8	4753.9	4691.7	4612.1	4507.0	4383.9	4241.2
-30°	4401.0	4451.5	4479.9	4491.6	4479.9	4451.5	4401.0	4323.1	4223.5	4110.2	3979.5
-32.5°	4101.3	4147.2	4171.8	4175.2	4171.8	4147.2	4101.3	4031.0	3942.1	3838.6	3717.1
-35°	3801.0	3843.5	3867.5	3866.3	3867.5	3843.5	3801.0	3741.1	3663.8	3569.7	3451.5
-37.5°	3504.9	3540.0	3557.2	3557.4	3557.2	3540.0	3504.9	3450.4	3374.8	3281.8	3181.6
-40°	3209.9	3245.1	3261.4	3253.5	3261.4	3245.1	3209.9	3159.1	3091.1	3009.4	2920.6
-42.5°	2922.2	2954.8	2968.5	2957.0	2968.5	2954.8	2922.2	2878.1	2820.4	2751.6	2672.9
-45°	2639.6	2664.6	2674.3	2668.1	2674.3	2664.6	2639.6	2601.7	2550.9	2490.4	2421.4
-47.5°	2362.0	2386.1	2395.4	2389.0	2395.4	2386.1	2362.0	2327.9	2284.5	2229.6	2162.3
-50°	2098.1	2116.2	2123.5	2120.0	2123.5	2116.2	2098.1	2071.1	2034.3	1987.6	1933.6
-52.5°	1849.5	1864.5	1869.7	1865.9	1869.7	1864.5	1849.5	1826.2	1794.5	1754.7	1708.4
-55°	1610.1	1623.9	1629.2	1626.7	1629.2	1623.9	1610.1	1589.4	1561.8	1529.4	1490.6
-57.5°	1383.7	1394.5	1397.1	1392.6	1397.1	1394.5	1383.7	1367.2	1345.1	1318.7	1286.5
-60°	1178.6	1187.0	1191.2	1190.8	1191.2	1187.0	1178.6	1165.6	1148.2	1126.6	1100.6
-62.5°	988.9	994.2	997.2	996.5	997.2	994.2	988.9	979.6	966.5	950.1	931.0
-65°	809.9	811.8	811.0	807.1	811.0	811.8	809.9	804.7	796.4	786.1	773.5
-67.5°	653.5	653.7	656.5	657.7	656.5	653.7	653.5	650.8	645.5	638.6	630.5
-70°	518.3	517.5	518.5	518.2	518.5	517.5	518.3	517.7	515.9	513.4	509.6
-72.5°	402.9	396.5	390.7	383.6	390.7	396.5	402.9	408.4	413.2	415.9	413.2
-75°	301.1	288.0	280.1	271.5	280.1	288.0	301.1	313.5	325.1	334.1	333.2
-77.5°	218.0	201.3	194.2	186.8	194.2	201.3	218.0	233.9	249.0	261.4	262.3
-80°	146.9	131.7	125.7	119.6	125.7	131.7	146.9	161.5	175.3	187.5	190.8
-82.5°	88.2	76.9	73.4	69.8	73.4	76.9	88.2	99.0	109.3	118.6	119.5
-85°	43.7	37.2	34.9	32.4	34.9	37.2	43.7	49.9	55.8	61.0	59.1
-87.5°	8.1	7.5	7.5	7.5	7.5	7.5	8.1	8.6	9.2	9.7	9.5
-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: P626921 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-735-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°	9.4	9.2	9.1	8.9	8.7	8.4	8.2	7.9	7.7	7.4	7.1
85°	57.1	54.8	52.5	50.0	47.3	44.6	41.6	36.5	31.7	27.3	23.5
82.5°	119.8	119.2	117.5	110.8	103.9	97.1	89.9	79.2	68.6	58.4	49.4
80°	193.1	194.4	193.1	181.8	170.4	158.9	146.7	131.0	115.2	100.1	88.7
77.5°	262.9	263.2	261.1	249.9	237.6	224.1	208.7	189.8	170.9	151.8	137.2
75°	331.5	329.2	324.5	314.2	301.9	287.4	272.3	255.7	236.3	214.0	195.0
72.5°	409.2	403.9	396.6	386.4	374.5	361.7	346.0	327.7	307.4	285.1	265.0
70°	503.5	495.2	484.2	470.4	456.9	442.8	426.0	405.9	382.2	357.7	335.2
67.5°	620.1	607.3	591.7	575.1	558.3	538.6	516.1	491.5	467.1	439.9	409.0
65°	758.0	739.4	716.9	695.4	671.9	646.4	617.6	589.0	559.2	526.5	487.4
62.5°	909.6	886.0	855.3	824.2	792.4	759.6	724.3	689.2	653.5	614.9	571.0
60°	1070.2	1035.2	999.9	961.2	919.2	875.3	835.2	792.5	747.5	703.8	655.5
57.5°	1248.4	1205.3	1159.1	1109.8	1057.7	1006.3	954.3	900.7	849.7	796.5	741.9
55°	1445.8	1394.9	1337.0	1273.5	1207.7	1148.0	1083.1	1018.0	956.6	892.0	831.9
52.5°	1656.2	1595.2	1528.0	1455.9	1381.0	1303.5	1224.6	1149.9	1069.9	996.8	924.1
50°	1873.1	1803.2	1725.8	1642.9	1559.6	1469.8	1379.5	1289.6	1199.1	1109.4	1022.3
47.5°	2093.4	2017.7	1931.7	1839.9	1744.6	1644.3	1541.5	1433.4	1333.2	1229.2	1130.3
45°	2335.5	2242.1	2145.7	2044.6	1935.6	1825.0	1709.7	1591.4	1470.9	1356.5	1240.5
42.5°	2579.0	2473.9	2362.4	2251.3	2132.4	2008.5	1879.9	1749.6	1617.1	1485.2	1358.4
40°	2821.5	2707.9	2586.3	2459.3	2329.7	2193.2	2052.4	1907.4	1763.6	1618.5	1475.1
37.5°	3069.7	2946.8	2815.2	2675.3	2530.1	2378.9	2224.0	2067.0	1908.4	1752.3	1596.8
35°	3324.2	3189.7	3044.4	2891.6	2731.8	2566.3	2396.3	2224.4	2053.8	1885.0	1716.5
32.5°	3576.4	3430.7	3274.1	3106.8	2930.9	2750.8	2568.0	2382.4	2195.6	2015.4	1835.9
30°	3830.7	3669.4	3499.7	3319.0	3128.3	2932.1	2734.2	2537.5	2338.5	2140.1	1950.2
27.5°	4079.9	3903.9	3719.5	3524.2	3320.3	3109.9	2897.2	2687.3	2475.0	2264.1	2059.3
25°	4322.4	4132.4	3928.9	3720.3	3504.2	3279.8	3051.3	2829.2	2607.5	2381.9	2157.3
22.5°	4555.8	4347.7	4128.5	3905.3	3678.0	3442.3	3198.5	2959.2	2729.8	2487.4	2252.8
20°	4771.1	4547.7	4313.5	4078.4	3838.1	3596.8	3335.7	3081.1	2834.3	2585.5	2339.3
17.5°	4962.0	4735.0	4489.5	4241.7	3985.7	3731.8	3463.8	3192.0	2930.5	2672.6	2415.4
15°	5130.3	4903.5	4654.8	4393.6	4120.3	3843.0	3572.3	3290.0	3018.2	2749.6	2485.8
12.5°	5283.2	5045.7	4797.4	4521.1	4231.0	3941.7	3660.2	3375.9	3096.2	2820.1	2549.2
10°	5420.4	5162.3	4899.4	4619.5	4323.6	4024.9	3735.1	3448.1	3162.5	2880.4	2601.5
7.5°	5514.4	5248.7	4977.1	4698.1	4401.8	4098.4	3799.9	3506.1	3214.3	2928.5	2642.2
5°	5583.8	5316.9	5044.5	4761.5	4462.5	4153.3	3847.7	3548.2	3251.1	2963.7	2671.3
2.5°	5637.1	5363.6	5090.4	4801.2	4501.7	4190.3	3881.8	3579.9	3280.4	2989.5	2696.9
0°	5674.9	5381.0	5116.9	4832.9	4526.5	4212.6	3903.7	3599.8	3298.3	3001.9	2710.4
-2.5°	5637.1	5363.6	5090.4	4801.2	4501.7	4190.3	3881.8	3579.9	3280.4	2989.5	2696.9
-5°	5583.8	5316.9	5044.5	4761.5	4462.5	4153.3	3847.7	3548.2	3251.1	2963.7	2671.3
-7.5°	5514.4	5248.7	4977.1	4698.1	4401.8	4098.4	3799.9	3506.1	3214.3	2928.5	2642.2
-10°	5420.4	5162.3	4899.4	4619.5	4323.6	4024.9	3735.1	3448.1	3162.5	2880.4	2601.5
-12.5°	5283.2	5045.7	4797.4	4521.1	4231.0	3941.7	3660.2	3375.9	3096.2	2820.1	2549.2
-15°	5130.3	4903.5	4654.8	4393.6	4120.3	3843.0	3572.3	3290.0	3018.2	2749.6	2485.8
-17.5°	4962.0	4735.0	4489.5	4241.7	3985.7	3731.8	3463.8	3192.0	2930.5	2672.6	2415.4
-20°	4771.1	4547.7	4313.5	4078.4	3838.1	3596.8	3335.7	3081.1	2834.3	2585.5	2339.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626921 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-735-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4555.8	4347.7	4128.5	3905.3	3678.0	3442.3	3198.5	2959.2	2729.8	2487.4	2252.8
-25°	4322.4	4132.4	3928.9	3720.3	3504.2	3279.8	3051.3	2829.2	2607.5	2381.9	2157.3
-27.5°	4079.9	3903.9	3719.5	3524.2	3320.3	3109.9	2897.2	2687.3	2475.0	2264.1	2059.3
-30°	3830.7	3669.4	3499.7	3319.0	3128.3	2932.1	2734.2	2537.5	2338.5	2140.1	1950.2
-32.5°	3576.4	3430.7	3274.1	3106.8	2930.9	2750.8	2568.0	2382.4	2195.6	2015.4	1835.9
-35°	3324.2	3189.7	3044.4	2891.6	2731.8	2566.3	2396.3	2224.4	2053.8	1885.0	1716.5
-37.5°	3069.7	2946.8	2815.2	2675.3	2530.1	2378.9	2224.0	2067.0	1908.4	1752.3	1596.8
-40°	2821.5	2707.9	2586.3	2459.3	2329.7	2193.2	2052.4	1907.4	1763.6	1618.5	1475.1
-42.5°	2579.0	2473.9	2362.4	2251.3	2132.4	2008.5	1879.9	1749.6	1617.1	1485.2	1358.4
-45°	2335.5	2242.1	2145.7	2044.6	1935.6	1825.0	1709.7	1591.4	1470.9	1356.5	1240.5
-47.5°	2093.4	2017.7	1931.7	1839.9	1744.6	1644.3	1541.5	1433.4	1333.2	1229.2	1130.3
-50°	1873.1	1803.2	1725.8	1642.9	1559.6	1469.8	1379.5	1289.6	1199.1	1109.4	1022.3
-52.5°	1656.2	1595.2	1528.0	1455.9	1381.0	1303.5	1224.6	1149.9	1069.9	996.8	924.1
-55°	1445.8	1394.9	1337.0	1273.5	1207.7	1148.0	1083.1	1018.0	956.6	892.0	831.9
-57.5°	1248.4	1205.3	1159.1	1109.8	1057.7	1006.3	954.3	900.7	849.7	796.5	741.9
-60°	1070.2	1035.2	999.9	961.2	919.2	875.3	835.2	792.5	747.5	703.8	655.5
-62.5°	909.6	886.0	855.3	824.2	792.4	759.6	724.3	689.2	653.5	614.9	571.0
-65°	758.0	739.4	716.9	695.4	671.9	646.4	617.6	589.0	559.2	526.5	487.4
-67.5°	620.1	607.3	591.7	575.1	558.3	538.6	516.1	491.5	467.1	439.9	409.0
-70°	503.5	495.2	484.2	470.4	456.9	442.8	426.0	405.9	382.2	357.7	335.2
-72.5°	409.2	403.9	396.6	386.4	374.5	361.7	346.0	327.7	307.4	285.1	265.0
-75°	331.5	329.2	324.5	314.2	301.9	287.4	272.3	255.7	236.3	214.0	195.0
-77.5°	262.9	263.2	261.1	249.9	237.6	224.1	208.7	189.8	170.9	151.8	137.2
-80°	193.1	194.4	193.1	181.8	170.4	158.9	146.7	131.0	115.2	100.1	88.7
-82.5°	119.8	119.2	117.5	110.8	103.9	97.1	89.9	79.2	68.6	58.4	49.4
-85°	57.1	54.8	52.5	50.0	47.3	44.6	41.6	36.5	31.7	27.3	23.5
-87.5°	9.4	9.2	9.1	8.9	8.7	8.4	8.2	7.9	7.7	7.4	7.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P626921 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-735-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°	7.2	7.2	7.2	7.2	6.4	5.6	4.9	4.2	3.8	3.4	3.0
85°	23.6	23.0	21.8	19.8	15.6	11.2	9.8	8.4	7.6	6.8	6.0
82.5°	49.2	49.7	49.7	48.2	42.5	36.6	30.3	23.9	17.7	11.3	9.0
80°	88.9	87.9	85.8	81.7	72.4	61.9	54.0	45.8	37.8	29.4	20.7
77.5°	134.3	130.5	125.7	120.4	110.6	99.0	85.6	70.5	57.8	47.5	36.7
75°	185.1	179.0	172.4	163.5	150.9	136.3	121.7	104.1	84.5	66.1	52.7
72.5°	248.8	234.1	220.9	208.4	194.7	178.4	159.7	137.0	113.3	90.8	69.8
70°	313.4	291.2	271.4	254.5	237.9	221.0	200.4	172.4	141.5	115.1	90.3
67.5°	378.9	352.7	326.2	300.9	280.0	260.0	240.2	207.6	172.2	138.8	110.3
65°	451.3	416.3	382.6	351.3	322.9	297.9	274.7	240.6	202.0	164.4	129.8
62.5°	525.8	481.2	441.3	401.3	366.0	335.6	307.7	270.0	230.4	189.2	150.2
60°	604.1	553.3	500.3	453.7	410.3	371.9	338.0	299.1	257.1	213.0	170.4
57.5°	686.6	626.8	567.3	508.4	456.3	410.2	367.6	326.6	283.2	236.5	189.3
55°	770.2	705.8	635.4	568.9	505.1	450.2	398.9	353.1	308.5	259.7	205.6
52.5°	853.8	783.1	707.6	630.8	559.3	490.7	433.3	378.8	331.7	282.2	222.5
50°	941.4	860.3	779.4	696.4	613.3	538.1	466.6	408.4	354.3	303.7	238.6
47.5°	1032.5	942.1	852.0	761.4	672.3	583.4	505.4	437.3	376.1	323.1	253.6
45°	1132.3	1026.7	926.9	828.9	728.2	632.4	544.7	465.0	400.9	338.2	267.3
42.5°	1232.1	1115.9	1004.5	895.4	786.6	681.1	581.9	497.6	424.5	352.6	280.0
40°	1338.2	1205.5	1081.9	963.6	843.7	727.3	623.2	529.3	446.7	367.6	292.0
37.5°	1441.5	1297.3	1161.5	1028.7	899.7	777.3	662.8	559.1	467.7	384.5	303.4
35°	1550.7	1389.5	1235.1	1094.2	957.2	824.7	700.0	589.1	491.9	401.0	314.1
32.5°	1656.2	1479.7	1314.1	1158.9	1012.3	869.4	738.2	620.9	515.2	416.9	324.1
30°	1759.9	1570.2	1389.8	1220.0	1065.6	916.3	776.4	650.6	537.4	432.3	334.1
27.5°	1855.5	1654.0	1462.4	1283.2	1117.9	960.7	812.6	678.2	558.6	448.1	345.8
25°	1944.6	1734.7	1533.9	1344.0	1166.5	1002.9	845.9	703.7	580.0	464.7	356.6
22.5°	2028.1	1809.6	1598.7	1400.0	1211.5	1041.6	878.4	730.8	600.4	479.9	366.5
20°	2104.1	1877.0	1656.7	1450.8	1255.3	1078.4	909.7	755.1	618.6	493.7	375.4
17.5°	2172.5	1938.7	1712.1	1498.2	1296.1	1111.2	937.5	776.6	634.5	505.9	383.3
15°	2236.0	1994.7	1761.1	1539.6	1331.4	1139.7	961.6	795.1	648.2	516.6	390.8
12.5°	2290.6	2042.7	1802.7	1574.8	1361.1	1163.8	982.1	810.6	659.6	526.3	397.8
10°	2335.6	2082.5	1836.6	1603.6	1385.2	1183.5	998.7	823.7	670.2	534.7	403.3
7.5°	2370.6	2113.5	1862.7	1625.8	1404.3	1199.9	1012.9	834.9	678.8	541.1	407.1
5°	2397.1	2137.8	1885.5	1644.4	1421.8	1213.2	1023.1	843.0	685.0	545.5	409.2
2.5°	2420.6	2156.0	1903.3	1656.4	1433.8	1221.8	1029.3	847.9	688.8	547.9	409.7
0°	2433.9	2164.8	1913.2	1661.6	1439.9	1225.7	1031.4	849.5	690.1	548.1	408.6
-2.5°	2420.6	2156.0	1903.3	1656.4	1433.8	1221.8	1029.3	847.9	688.8	547.9	409.7
-5°	2397.1	2137.8	1885.5	1644.4	1421.8	1213.2	1023.1	843.0	685.0	545.5	409.2
-7.5°	2370.6	2113.5	1862.7	1625.8	1404.3	1199.9	1012.9	834.9	678.8	541.1	407.1
-10°	2335.6	2082.5	1836.6	1603.6	1385.2	1183.5	998.7	823.7	670.2	534.7	403.3
-12.5°	2290.6	2042.7	1802.7	1574.8	1361.1	1163.8	982.1	810.6	659.6	526.3	397.8
-15°	2236.0	1994.7	1761.1	1539.6	1331.4	1139.7	961.6	795.1	648.2	516.6	390.8
-17.5°	2172.5	1938.7	1712.1	1498.2	1296.1	1111.2	937.5	776.6	634.5	505.9	383.3
-20°	2104.1	1877.0	1656.7	1450.8	1255.3	1078.4	909.7	755.1	618.6	493.7	375.4



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2028.1	1809.6	1598.7	1400.0	1211.5	1041.6	878.4	730.8	600.4	479.9	366.5
-25°	1944.6	1734.7	1533.9	1344.0	1166.5	1002.9	845.9	703.7	580.0	464.7	356.6
-27.5°	1855.5	1654.0	1462.4	1283.2	1117.9	960.7	812.6	678.2	558.6	448.1	345.8
-30°	1759.9	1570.2	1389.8	1220.0	1065.6	916.3	776.4	650.6	537.4	432.3	334.1
-32.5°	1656.2	1479.7	1314.1	1158.9	1012.3	869.4	738.2	620.9	515.2	416.9	324.1
-35°	1550.7	1389.5	1235.1	1094.2	957.2	824.7	700.0	589.1	491.9	401.0	314.1
-37.5°	1441.5	1297.3	1161.5	1028.7	899.7	777.3	662.8	559.1	467.7	384.5	303.4
-40°	1338.2	1205.5	1081.9	963.6	843.7	727.3	623.2	529.3	446.7	367.6	292.0
-42.5°	1232.1	1115.9	1004.5	895.4	786.6	681.1	581.9	497.6	424.5	352.6	280.0
-45°	1132.3	1026.7	926.9	828.9	728.2	632.4	544.7	465.0	400.9	338.2	267.3
-47.5°	1032.5	942.1	852.0	761.4	672.3	583.4	505.4	437.3	376.1	323.1	253.6
-50°	941.4	860.3	779.4	696.4	613.3	538.1	466.6	408.4	354.3	303.7	238.6
-52.5°	853.8	783.1	707.6	630.8	559.3	490.7	433.3	378.8	331.7	282.2	222.5
-55°	770.2	705.8	635.4	568.9	505.1	450.2	398.9	353.1	308.5	259.7	205.6
-57.5°	686.6	626.8	567.3	508.4	456.3	410.2	367.6	326.6	283.2	236.5	189.3
-60°	604.1	553.3	500.3	453.7	410.3	371.9	338.0	299.1	257.1	213.0	170.4
-62.5°	525.8	481.2	441.3	401.3	366.0	335.6	307.7	270.0	230.4	189.2	150.2
-65°	451.3	416.3	382.6	351.3	322.9	297.9	274.7	240.6	202.0	164.4	129.8
-67.5°	378.9	352.7	326.2	300.9	280.0	260.0	240.2	207.6	172.2	138.8	110.3
-70°	313.4	291.2	271.4	254.5	237.9	221.0	200.4	172.4	141.5	115.1	90.3
-72.5°	248.8	234.1	220.9	208.4	194.7	178.4	159.7	137.0	113.3	90.8	69.8
-75°	185.1	179.0	172.4	163.5	150.9	136.3	121.7	104.1	84.5	66.1	52.7
-77.5°	134.3	130.5	125.7	120.4	110.6	99.0	85.6	70.5	57.8	47.5	36.7
-80°	88.9	87.9	85.8	81.7	72.4	61.9	54.0	45.8	37.8	29.4	20.7
-82.5°	49.2	49.7	49.7	48.2	42.5	36.6	30.3	23.9	17.7	11.3	9.0
-85°	23.6	23.0	21.8	19.8	15.6	11.2	9.8	8.4	7.6	6.8	6.0
-87.5°	7.2	7.2	7.2	7.2	6.4	5.6	4.9	4.2	3.8	3.4	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°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
85°	5.2	4.3	3.5	2.6	1.7	0.8	0.0
82.5°	7.7	6.5	5.2	3.9	2.6	1.1	0.0
80°	11.6	8.6	6.9	5.2	3.5	1.5	0.0
77.5°	25.3	13.5	8.6	6.5	4.3	1.9	0.0
75°	38.7	23.3	11.2	7.7	5.1	2.3	0.0
72.5°	51.6	32.9	17.9	9.0	5.9	2.6	0.0
70°	64.5	42.1	24.3	10.8	6.7	3.0	0.0
67.5°	80.1	50.9	30.5	14.7	7.5	3.3	0.0
65°	94.9	60.8	36.4	18.6	8.2	3.6	0.0
62.5°	109.0	71.6	42.0	22.2	9.0	4.0	0.0
60°	122.2	81.8	47.2	25.7	9.7	4.3	0.0
57.5°	136.2	91.4	54.2	28.9	11.6	4.6	0.0
55°	149.5	100.3	60.9	31.9	13.5	4.9	0.0
52.5°	161.8	108.8	67.1	34.7	15.3	5.2	0.0
50°	173.0	117.8	72.8	37.3	17.0	5.4	0.0
47.5°	183.6	126.1	78.0	39.9	18.7	5.7	0.0
45°	195.3	133.5	82.7	43.4	20.3	5.9	0.0
42.5°	206.0	140.1	86.8	46.5	21.8	6.2	0.0
40°	215.8	145.9	91.0	49.7	23.2	6.4	0.0
37.5°	224.5	150.8	95.1	52.9	24.5	6.6	0.0
35°	232.2	156.5	98.7	55.8	25.7	6.7	0.0
32.5°	239.3	162.2	101.6	58.5	26.9	6.9	0.0
30°	246.7	167.0	104.0	61.0	27.9	7.0	0.0
27.5°	253.3	171.1	107.6	63.3	28.8	7.2	0.0
25°	259.2	174.3	110.9	65.3	29.6	7.3	0.0
22.5°	264.2	177.5	113.8	67.1	30.4	7.4	0.0
20°	268.3	181.9	116.4	68.6	31.0	7.4	0.0
17.5°	273.5	185.5	118.5	69.9	31.5	7.5	0.0
15°	278.8	188.3	120.2	70.9	32.0	7.6	0.0
12.5°	283.2	190.3	121.5	71.7	32.3	7.6	0.0
10°	286.6	191.6	122.5	72.3	32.5	7.6	0.0
7.5°	288.8	192.1	123.0	72.6	32.6	7.6	0.0
5°	290.0	191.8	123.1	72.7	32.6	7.6	0.0
2.5°	290.1	190.9	122.8	72.6	32.6	7.5	0.0
0°	289.0	189.3	122.1	72.2	32.4	7.5	0.0
-2.5°	290.1	190.9	122.8	72.6	32.6	7.5	0.0
-5°	290.0	191.8	123.1	72.7	32.6	7.6	0.0
-7.5°	288.8	192.1	123.0	72.6	32.6	7.6	0.0
-10°	286.6	191.6	122.5	72.3	32.5	7.6	0.0
-12.5°	283.2	190.3	121.5	71.7	32.3	7.6	0.0
-15°	278.8	188.3	120.2	70.9	32.0	7.6	0.0
-17.5°	273.5	185.5	118.5	69.9	31.5	7.5	0.0
-20°	268.3	181.9	116.4	68.6	31.0	7.4	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	264.2	177.5	113.8	67.1	30.4	7.4	0.0
-25°	259.2	174.3	110.9	65.3	29.6	7.3	0.0
-27.5°	253.3	171.1	107.6	63.3	28.8	7.2	0.0
-30°	246.7	167.0	104.0	61.0	27.9	7.0	0.0
-32.5°	239.3	162.2	101.6	58.5	26.9	6.9	0.0
-35°	232.2	156.5	98.7	55.8	25.7	6.7	0.0
-37.5°	224.5	150.8	95.1	52.9	24.5	6.6	0.0
-40°	215.8	145.9	91.0	49.7	23.2	6.4	0.0
-42.5°	206.0	140.1	86.8	46.5	21.8	6.2	0.0
-45°	195.3	133.5	82.7	43.4	20.3	5.9	0.0
-47.5°	183.6	126.1	78.0	39.9	18.7	5.7	0.0
-50°	173.0	117.8	72.8	37.3	17.0	5.4	0.0
-52.5°	161.8	108.8	67.1	34.7	15.3	5.2	0.0
-55°	149.5	100.3	60.9	31.9	13.5	4.9	0.0
-57.5°	136.2	91.4	54.2	28.9	11.6	4.6	0.0
-60°	122.2	81.8	47.2	25.7	9.7	4.3	0.0
-62.5°	109.0	71.6	42.0	22.2	9.0	4.0	0.0
-65°	94.9	60.8	36.4	18.6	8.2	3.6	0.0
-67.5°	80.1	50.9	30.5	14.7	7.5	3.3	0.0
-70°	64.5	42.1	24.3	10.8	6.7	3.0	0.0
-72.5°	51.6	32.9	17.9	9.0	5.9	2.6	0.0
-75°	38.7	23.3	11.2	7.7	5.1	2.3	0.0
-77.5°	25.3	13.5	8.6	6.5	4.3	1.9	0.0
-80°	11.6	8.6	6.9	5.2	3.5	1.5	0.0
-82.5°	7.7	6.5	5.2	3.9	2.6	1.1	0.0
-85°	5.2	4.3	3.5	2.6	1.7	0.8	0.0
-87.5°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)