

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: P626902 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2C-727-U-WR-VSR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P626902 (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-SA2C-727-U-WR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8109.2 lumens
Efficiency: N/A
Efficacy: 66.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 9191.8 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 50.9°H x 47.1°V
Beam Lumens: 3904.2 lumens
Beam Efficiency: 48.1%

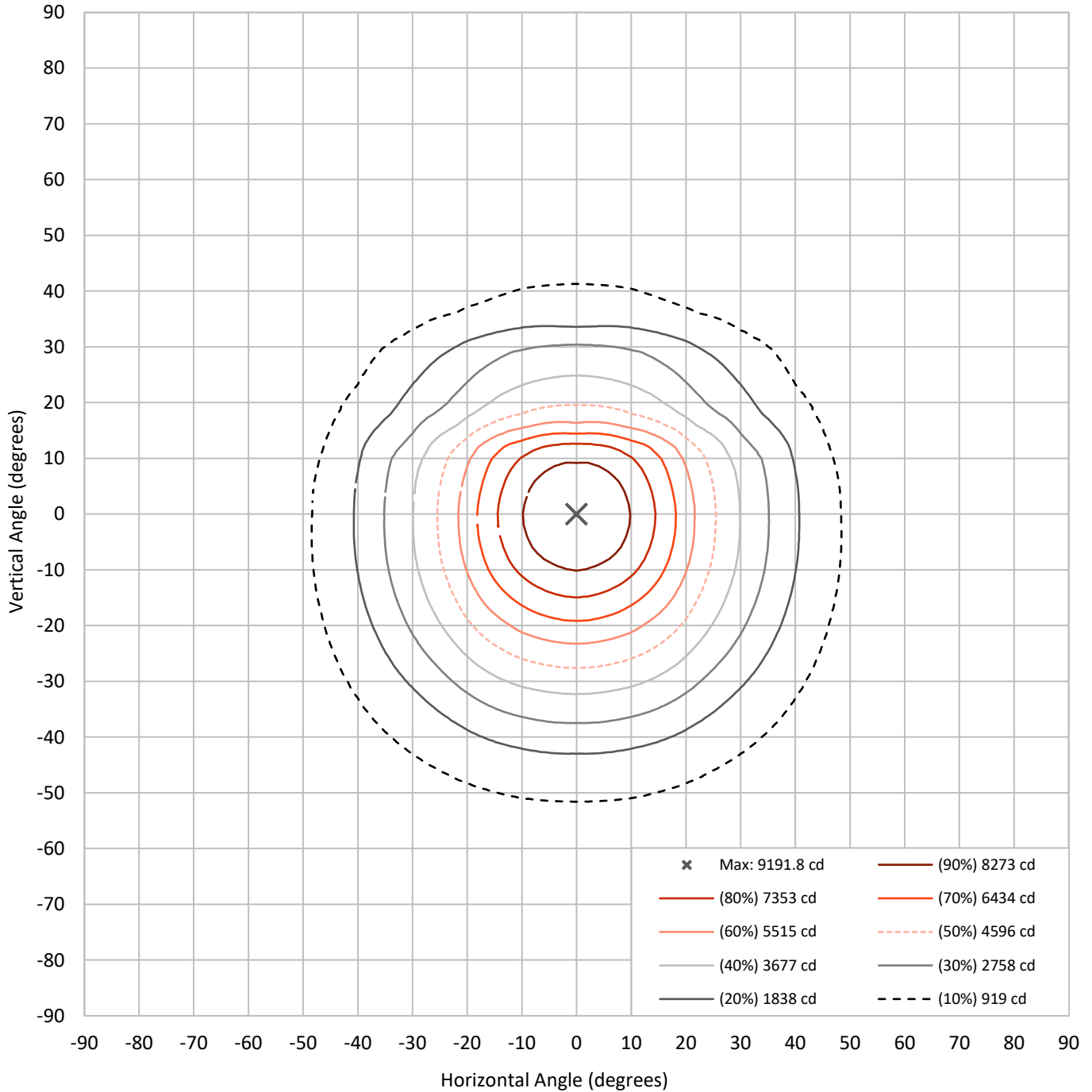
Field Angle (10%): 96.7°H x 92.9°V
Field Lumens: 7260.4 lumens
Field Efficiency: 89.5%

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



REPORT NUMBER: P626902 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





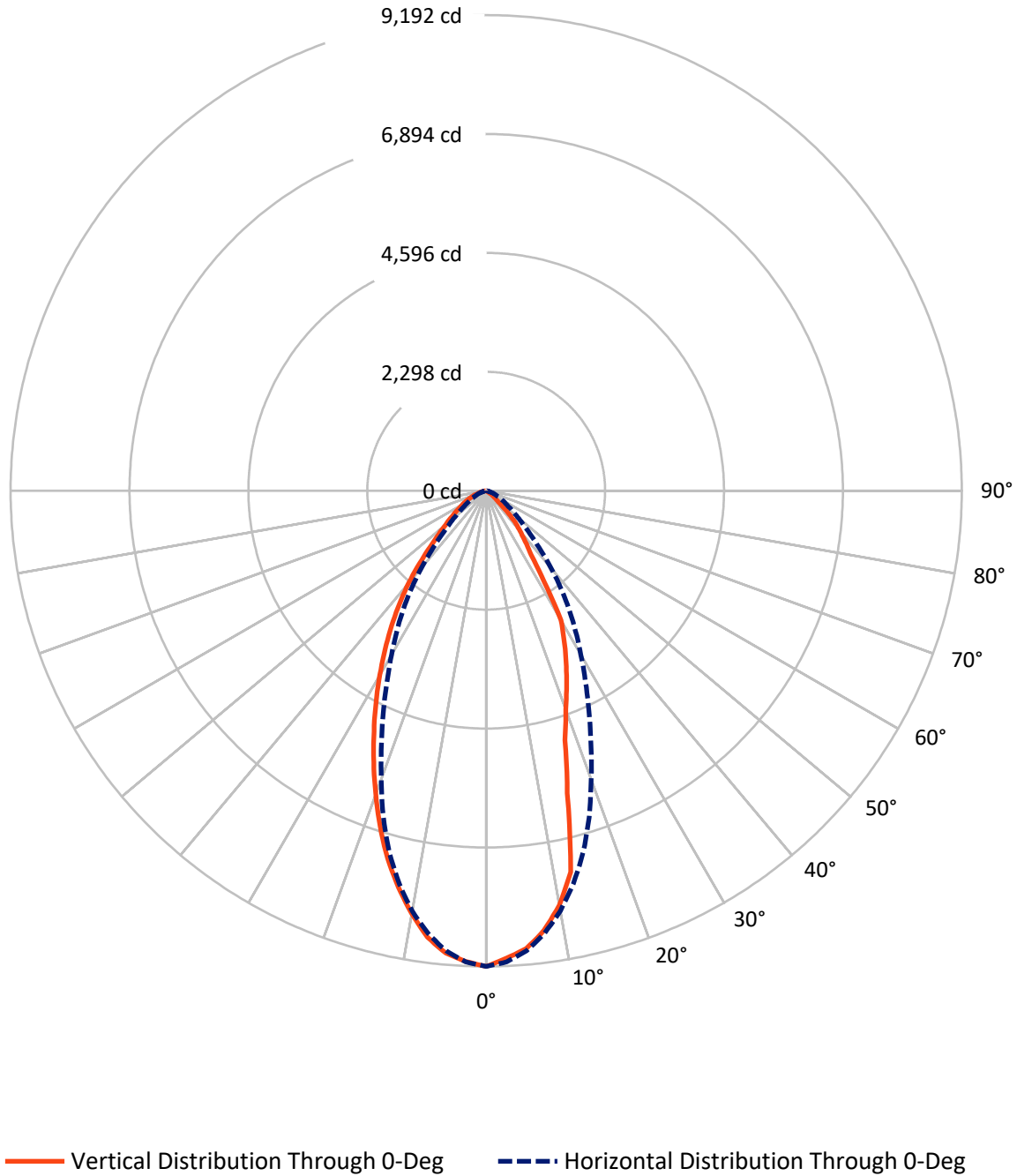
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Lumen Table

90																			
80	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0						
70																			
60	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	0.0	0.0		
50		0.2	0.4	0.8	1.3	1.9	2.5	2.9	2.9	2.5	1.9	1.3	0.8	0.4	0.2				
40	0.3	0.6	1.6	3.3	6.0	9.9	14.3	17.5	17.5	14.3	9.9	6.0	3.3	1.6	0.6	0.3			
30		1.2	3.2	7.3	15.1	27.8	42.5	51.1	51.1	42.5	27.8	15.1	7.3	3.2	1.2				
20	0.9	1.9	5.1	13.3	31.5	59.1	90.0	108.5	108.5	90.0	59.1	31.5	13.3	5.1	1.9	0.9			
10		2.6	7.3	20.9	51.8	95.8	149.7	185.1	185.1	149.7	95.8	51.8	20.9	7.3	2.6				
0	1.3	3.1	9.2	27.0	68.1	126.8	203.6	258.2	258.2	203.6	126.8	68.1	27.0	9.2	3.1	1.3			
-10		3.2	9.6	27.9	69.0	128.7	205.7	259.8	259.8	205.7	128.7	69.0	27.9	9.6	3.2				
-20	1.3	3.2	9.1	24.8	61.2	113.0	174.1	214.9	214.9	174.1	113.0	61.2	24.8	9.1	3.2	1.3			
-30		2.9	7.8	19.4	45.6	85.2	126.9	152.2	152.2	126.9	85.2	45.6	19.4	7.8	2.9				
-40	1.1	2.5	6.4	14.0	28.7	52.8	79.7	94.9	94.9	79.7	52.8	28.7	14.0	6.4	2.5	1.1			
-50		2.1	4.9	9.7	17.3	27.7	39.7	47.2	47.2	39.7	27.7	17.3	9.7	4.9	2.1				
-60	0.7	1.6	3.6	6.5	10.5	15.2	19.6	22.2	22.2	19.6	15.2	10.5	6.5	3.6	1.6	0.7			
-70		1.2	2.4	4.0	6.1	8.3	10.2	11.1	11.1	10.2	8.3	6.1	4.0	2.4	1.2				
-80	0.2	2.3	5.9	10.6	9.7	10.6	5.9	2.3	0.2										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

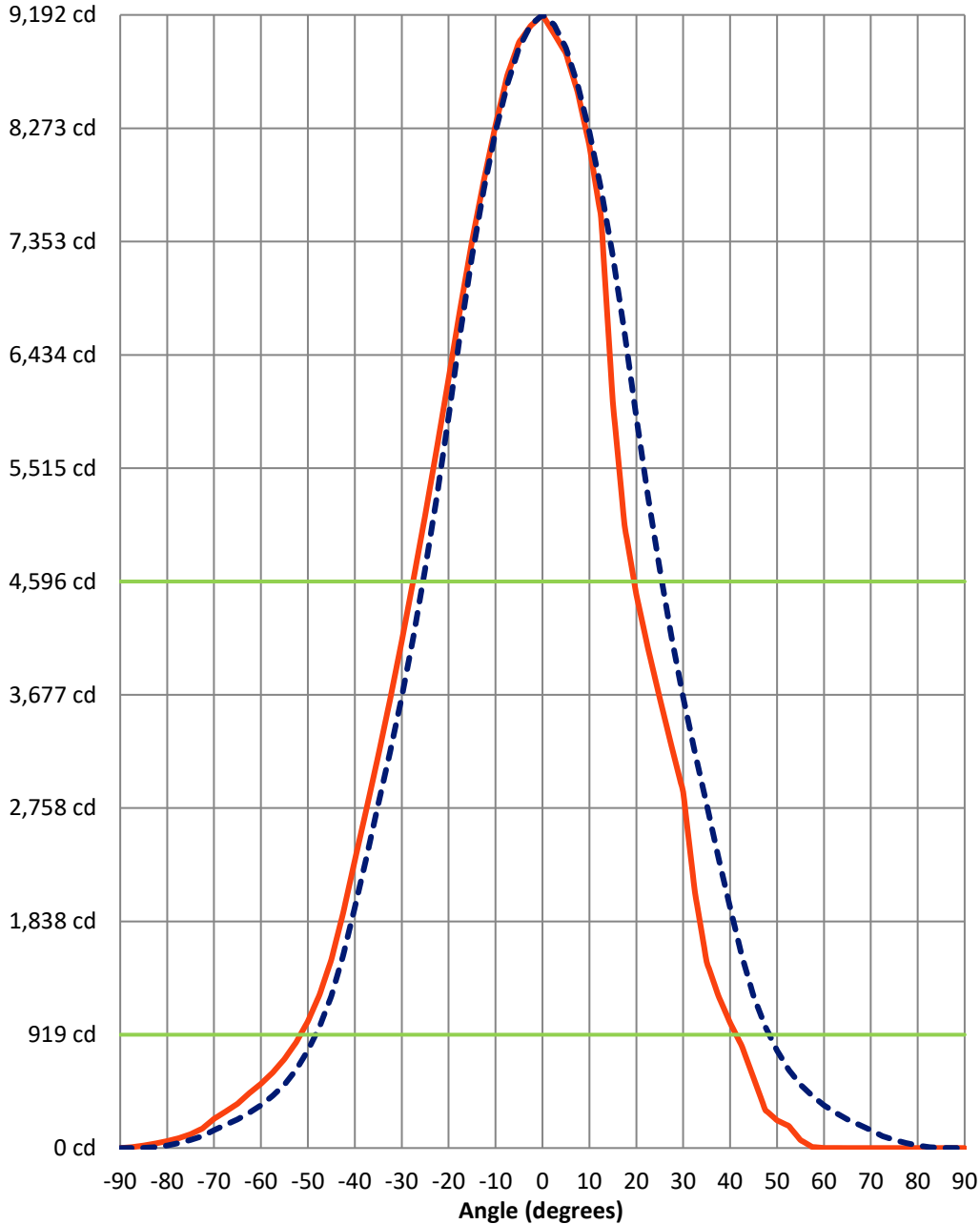
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 3904.2
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 7260.4
 Efficiency: 89.5%

Spill:
 Lumens: 848.7
 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	0.1	0.2	0.2	0.2	0.2	0.3	0.3
85°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6
82.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.7	0.7
80°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.7	0.7	0.7	0.7
77.5°	0.0	0.2	0.3	0.5	0.6	0.7	0.7	0.7	0.7	0.7	0.7
75°	0.0	0.2	0.4	0.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7
72.5°	0.0	0.2	0.4	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7
70°	0.0	0.2	0.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8
67.5°	0.0	0.3	0.5	0.7	0.7	0.7	0.8	0.7	0.7	0.9	0.9
65°	0.0	0.3	0.6	0.7	0.7	0.8	0.8	0.7	1.0	1.1	1.3
62.5°	0.0	0.3	0.6	0.7	0.7	0.9	0.9	0.9	1.3	1.8	2.8
60°	0.0	0.3	0.7	0.7	0.7	1.1	1.1	1.3	1.6	4.4	4.7
57.5°	0.0	0.4	0.7	0.7	0.9	1.3	1.8	1.7	4.3	7.4	8.1
55°	0.0	0.4	0.7	0.7	1.1	1.5	2.7	2.5	7.9	11.1	12.5
52.5°	0.0	0.4	0.7	0.7	1.3	1.8	3.8	6.2	11.8	16.4	17.7
50°	0.0	0.4	0.7	0.7	1.5	3.0	5.0	10.2	16.4	22.4	27.0
47.5°	0.0	0.5	0.8	0.7	1.7	4.2	6.7	14.3	22.5	28.9	36.6
45°	0.0	0.5	0.8	0.9	1.9	5.5	10.2	18.4	28.7	37.4	46.1
42.5°	0.0	0.5	0.8	1.1	2.2	6.8	13.8	23.3	34.8	45.8	56.7
40°	0.0	0.5	0.8	1.3	2.8	8.3	17.3	28.6	41.2	54.0	67.7
37.5°	0.0	0.6	0.8	1.6	4.0	9.8	20.8	33.8	48.0	62.5	78.9
35°	0.0	0.6	0.9	1.9	5.1	12.1	24.3	39.0	55.0	72.5	91.2
32.5°	0.0	0.6	0.9	2.2	6.3	14.9	28.0	44.1	61.9	82.9	105.0
30°	0.0	0.6	0.9	2.6	7.4	17.5	32.1	49.2	68.8	93.5	118.9
27.5°	0.0	0.6	0.9	2.9	8.7	20.1	36.0	54.9	76.4	104.2	132.8
25°	0.0	0.6	1.0	3.3	10.1	22.6	39.9	60.4	85.1	115.6	146.7
22.5°	0.0	0.6	1.0	3.7	11.3	25.1	43.6	65.8	93.8	127.2	160.9
20°	0.0	0.7	1.0	4.1	12.6	27.4	47.1	70.9	102.3	138.6	174.3
17.5°	0.0	0.7	1.1	4.5	13.8	29.7	50.3	75.9	110.7	149.6	187.1
15°	0.0	0.7	1.1	5.0	15.0	31.7	53.3	80.3	118.7	160.2	199.1
12.5°	0.0	0.7	1.1	5.4	16.1	33.7	56.0	84.0	125.3	170.3	210.4
10°	0.0	0.7	1.2	5.8	17.1	35.4	58.5	87.4	130.7	176.3	219.3
7.5°	0.0	0.7	1.2	6.2	18.0	37.0	60.7	90.3	135.3	180.8	223.9
5°	0.0	0.7	1.2	6.5	18.9	38.4	62.7	92.8	139.3	184.5	227.6
2.5°	0.0	0.7	1.3	6.9	19.7	39.7	64.3	94.8	142.6	187.2	230.4
0°	0.0	0.7	1.3	7.2	20.4	40.7	65.7	96.5	145.1	189.1	232.4
-2.5°	0.0	0.7	1.5	7.7	21.3	42.0	67.5	99.3	147.9	191.8	235.5
-5°	0.0	0.8	1.7	8.1	22.1	43.1	69.0	101.6	150.0	193.8	237.7
-7.5°	0.0	0.8	1.9	8.5	22.8	43.9	70.1	103.5	151.3	195.0	239.0
-10°	0.0	0.9	2.1	8.8	23.4	44.6	70.9	104.8	151.9	195.5	239.4
-12.5°	0.0	0.9	2.2	9.1	23.8	45.0	71.4	105.5	151.7	195.2	238.2
-15°	0.0	0.9	2.4	9.3	24.1	45.2	71.6	105.7	150.6	193.5	235.9
-17.5°	0.0	0.9	2.6	9.5	24.2	45.2	71.4	105.5	148.7	191.2	232.7
-20°	0.0	1.0	2.7	9.6	24.2	45.0	71.2	105.0	146.2	188.3	228.7

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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	1.0	2.8	9.7	24.0	44.5	71.2	104.0	143.4	184.9	223.7
-25°	0.0	1.0	2.9	9.7	23.6	44.3	70.9	102.6	140.1	180.9	217.9
-27.5°	0.0	1.0	3.0	9.6	23.1	44.1	70.2	100.8	136.4	176.4	212.5
-30°	0.0	1.0	3.1	9.5	22.4	43.6	69.2	98.5	133.2	171.3	206.7
-32.5°	0.0	1.0	3.1	9.2	22.1	42.9	67.8	96.7	130.0	165.9	200.5
-35°	0.0	1.0	3.2	9.0	21.6	41.8	66.5	94.7	126.4	160.4	193.9
-37.5°	0.0	1.0	3.2	8.6	21.0	40.7	64.9	92.2	122.4	154.7	186.2
-40°	0.0	1.0	3.2	8.2	20.2	39.7	63.1	89.4	117.9	149.4	177.9
-42.5°	0.0	1.0	3.1	7.9	19.5	38.5	60.8	86.1	113.8	142.5	169.1
-45°	0.0	1.0	3.1	7.6	19.2	37.0	58.2	82.7	109.6	135.1	160.0
-47.5°	0.0	0.9	3.0	7.2	18.6	35.2	55.3	79.2	104.9	127.5	151.5
-50°	0.0	0.9	2.9	7.0	17.8	33.2	52.7	75.3	98.8	120.6	142.8
-52.5°	0.0	0.9	2.8	6.9	16.8	31.0	49.9	71.0	92.6	113.3	133.9
-55°	0.0	0.8	2.7	6.7	15.7	29.2	46.8	66.4	86.3	105.8	125.6
-57.5°	0.0	0.8	2.5	6.5	14.3	27.2	43.5	62.2	79.6	98.2	116.9
-60°	0.0	0.8	2.3	6.1	12.8	24.9	39.9	57.3	72.8	90.3	108.0
-62.5°	0.0	0.7	2.2	5.7	11.9	22.4	36.4	51.8	66.1	82.0	98.8
-65°	0.0	0.7	2.0	5.2	10.9	19.7	32.5	46.0	58.9	73.4	89.2
-67.5°	0.0	0.6	1.9	4.6	9.8	17.2	28.4	40.2	51.3	64.3	78.6
-70°	0.0	0.5	1.7	4.0	8.5	15.1	23.9	34.2	44.1	54.7	67.2
-72.5°	0.0	0.5	1.5	3.5	7.1	12.8	20.3	28.0	36.7	46.0	55.8
-75°	0.0	0.4	1.3	3.0	5.6	10.4	16.7	22.8	29.1	37.1	45.5
-77.5°	0.0	0.4	1.1	2.6	4.7	7.8	12.8	17.9	23.1	28.6	35.0
-80°	0.0	0.3	0.9	2.1	3.8	6.0	8.9	12.9	17.2	21.6	26.3
-82.5°	0.0	0.2	0.7	1.6	2.9	4.5	6.5	8.6	11.1	14.6	18.2
-85°	0.0	0.1	0.5	1.1	1.9	3.0	4.4	5.8	7.4	9.1	11.0
-87.5°	0.0	0.1	0.2	0.5	1.0	1.5	2.2	2.9	3.7	4.6	5.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6
85°	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
82.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
80°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
77.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
75°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
72.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
70°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6
67.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.5	0.4
65°	0.7	0.7	0.9	1.0	0.7	0.7	0.7	0.7	0.7	0.6	0.6
62.5°	1.0	1.2	1.5	2.3	1.7	0.7	1.3	1.5	1.0	0.8	0.9
60°	2.9	2.0	5.0	7.0	4.6	2.5	3.0	6.0	4.9	1.3	3.5
57.5°	5.8	7.1	12.7	13.3	10.3	6.9	15.2	16.9	14.0	8.8	12.6
55°	12.1	16.9	21.4	21.2	21.3	26.8	31.6	31.0	27.3	37.6	47.4
52.5°	22.8	27.9	30.9	33.7	41.4	46.5	47.9	50.8	61.5	74.3	76.6
50°	33.5	38.8	42.7	52.7	60.6	64.6	68.3	78.1	94.3	103.1	104.5
47.5°	44.4	50.2	60.6	71.5	79.1	85.2	91.7	113.9	131.9	139.4	142.2
45°	55.7	65.8	78.7	89.9	98.7	106.9	128.1	158.4	171.1	182.6	211.8
42.5°	67.4	82.6	97.1	108.9	118.8	136.1	165.4	194.9	213.1	237.5	272.8
40°	82.3	99.4	116.2	128.2	140.6	166.7	203.1	234.2	253.5	286.2	326.4
37.5°	97.5	117.5	135.6	148.3	165.7	201.0	243.7	281.1	305.0	331.6	396.1
35°	112.5	135.9	154.6	171.5	193.0	241.6	294.3	335.9	365.4	411.0	492.7
32.5°	128.5	154.7	173.8	196.8	232.1	286.5	351.3	397.4	446.3	512.0	642.9
30°	145.6	172.3	194.2	221.9	269.2	332.7	407.8	465.8	532.2	638.9	780.0
27.5°	162.6	189.8	216.8	252.0	304.0	372.6	451.0	542.4	628.3	747.5	901.8
25°	178.9	207.6	238.9	281.5	337.7	409.5	495.2	600.6	712.6	849.1	1030.1
22.5°	194.5	225.8	262.4	308.1	366.2	444.6	546.7	670.5	805.2	946.5	1154.6
20°	209.8	246.0	288.0	339.2	392.4	476.9	597.1	747.1	915.8	1109.4	1313.3
17.5°	224.9	266.0	314.5	371.3	435.8	522.3	648.8	827.4	1032.7	1284.6	1535.7
15°	239.7	285.6	340.1	403.1	479.6	583.0	726.7	922.9	1171.0	1472.7	1770.2
12.5°	254.0	304.6	364.6	434.1	522.1	640.2	800.1	1011.8	1296.0	1656.5	2021.9
10°	267.8	322.8	387.9	464.1	562.8	693.4	865.0	1088.7	1390.4	1761.9	2168.2
7.5°	274.8	335.1	407.8	492.6	601.2	742.2	921.5	1153.6	1464.1	1846.6	2254.0
5°	279.8	340.8	415.3	504.0	622.3	775.4	964.7	1206.8	1518.4	1910.4	2312.1
2.5°	283.6	344.8	420.7	510.4	630.6	786.5	978.9	1225.3	1547.6	1943.7	2346.0
0°	286.3	347.3	424.1	514.1	634.9	791.8	985.5	1233.0	1560.0	1951.3	2358.3
-2.5°	289.1	350.7	427.6	519.8	640.9	799.1	992.8	1238.5	1569.3	1953.4	2365.0
-5°	290.7	352.5	429.1	522.5	642.9	800.5	992.2	1233.3	1561.9	1938.0	2350.6
-7.5°	291.1	352.8	428.3	522.0	640.4	794.3	981.8	1217.9	1536.4	1907.0	2315.1
-10°	290.4	351.2	425.5	517.3	633.2	781.4	963.0	1191.3	1494.5	1855.8	2255.1
-12.5°	288.3	347.9	420.4	509.5	621.5	763.0	936.6	1153.2	1436.4	1784.6	2170.5
-15°	284.9	343.0	413.1	498.8	605.5	739.4	902.6	1103.9	1361.6	1694.1	2065.2
-17.5°	280.2	336.5	403.5	485.2	585.1	710.7	861.6	1046.1	1280.9	1593.1	1948.2
-20°	274.2	328.5	391.7	468.6	561.5	680.6	823.5	994.9	1205.4	1477.4	1810.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626902 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2C-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°	266.9	318.8	379.2	452.8	540.6	649.2	780.9	936.9	1120.6	1343.7	1659.4
-25°	259.5	309.6	367.0	435.1	516.7	613.7	732.1	874.3	1040.7	1244.8	1505.8
-27.5°	252.1	298.9	352.9	414.7	489.9	577.1	686.3	815.9	964.2	1137.8	1350.3
-30°	243.8	287.1	337.3	393.4	464.2	545.1	639.6	750.6	882.5	1039.3	1224.1
-32.5°	234.8	274.4	322.3	374.9	436.7	510.4	592.1	692.5	807.2	936.6	1096.3
-35°	225.7	263.5	306.9	355.0	407.1	476.1	551.2	634.5	732.1	846.7	974.4
-37.5°	217.0	251.7	290.4	335.2	384.2	441.4	507.7	583.0	667.0	758.2	868.5
-40°	207.3	238.9	275.5	316.1	359.4	409.1	468.8	532.7	605.0	685.2	770.4
-42.5°	196.8	227.2	260.5	295.5	335.3	379.6	429.2	487.6	547.7	614.9	689.3
-45°	186.5	214.4	244.9	276.9	310.3	349.5	394.5	443.1	496.4	551.2	613.7
-47.5°	175.6	201.1	229.5	257.4	287.0	320.4	358.6	402.7	447.1	496.0	544.4
-50°	164.8	188.6	212.5	238.5	265.1	292.9	325.2	363.2	403.7	444.2	486.8
-52.5°	155.0	175.7	197.3	219.6	243.8	268.5	295.4	326.8	362.2	397.9	434.6
-55°	145.1	164.1	182.0	201.9	222.8	245.1	269.1	295.5	322.2	354.7	386.4
-57.5°	135.4	152.3	167.8	184.8	203.4	222.3	244.0	266.4	290.6	315.2	341.1
-60°	125.7	140.0	154.1	168.8	184.4	201.2	218.6	238.4	259.2	280.5	302.9
-62.5°	115.6	127.2	139.7	153.1	166.9	179.8	194.4	210.5	227.7	246.0	265.0
-65°	104.3	114.0	124.3	136.1	149.0	159.4	170.6	182.6	196.8	212.0	226.9
-67.5°	92.3	100.9	109.3	118.0	128.5	137.8	147.0	156.6	167.2	179.5	191.5
-70°	78.9	87.4	94.9	102.1	108.7	115.4	123.2	130.8	139.3	150.4	161.3
-72.5°	65.3	73.3	80.3	86.5	91.2	95.1	99.9	105.4	113.6	123.9	133.4
-75°	52.8	59.3	65.9	71.8	74.8	76.0	77.0	79.9	88.2	98.7	108.0
-77.5°	41.1	46.7	52.1	57.3	59.4	60.2	60.6	60.6	66.7	75.7	85.1
-80°	30.3	34.2	38.7	43.1	44.4	44.8	44.9	44.6	49.6	56.1	63.0
-82.5°	21.0	23.8	26.8	29.7	30.1	30.0	29.5	29.1	33.1	37.8	42.6
-85°	12.2	13.4	15.2	17.0	17.3	17.2	16.9	16.3	18.6	21.1	23.8
-87.5°	6.1	6.7	7.3	7.9	7.7	7.4	7.0	6.5	7.1	7.8	8.5
-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: P626902 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-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°	0.6	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.7	0.5	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.7	0.5	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.7	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.7	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.7	0.6	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.7	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.3	0.4	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.7	0.7	0.5	0.3	0.2	0.1	0.2	0.1	0.1	0.0	0.0
62.5°	0.9	0.9	0.6	0.6	0.6	0.7	0.6	0.5	0.5	0.5	0.6
60°	3.7	2.2	2.2	2.8	2.4	1.1	2.2	2.7	2.5	1.9	1.7
57.5°	18.8	15.8	11.0	18.5	19.0	13.3	14.4	18.8	18.2	14.1	14.0
55°	47.5	48.2	51.8	56.4	59.9	61.5	62.9	69.9	77.5	84.8	88.5
52.5°	78.4	87.6	99.0	106.6	111.8	122.6	137.8	144.7	151.5	159.1	164.7
50°	115.5	131.4	142.9	144.5	162.5	174.3	177.0	190.1	204.2	213.0	219.4
47.5°	171.9	192.0	202.0	208.3	230.3	254.3	254.3	261.8	297.3	315.9	324.9
45°	247.5	264.3	282.0	327.9	370.0	383.4	412.1	450.9	476.1	510.7	548.9
42.5°	312.0	343.5	387.7	438.3	480.6	515.8	558.3	604.9	660.9	713.6	759.1
40°	375.7	414.8	469.6	524.5	577.8	626.5	695.1	755.1	821.2	893.6	954.0
37.5°	458.9	508.9	565.6	634.9	717.7	771.8	866.2	952.3	1026.8	1114.3	1168.2
35°	586.7	651.9	702.1	842.1	942.9	1006.2	1117.9	1259.5	1313.9	1424.1	1476.4
32.5°	747.4	834.1	965.9	1151.4	1286.0	1402.6	1569.5	1713.3	1835.8	1946.4	2061.6
30°	927.9	1061.7	1256.1	1502.5	1639.3	1802.5	2028.3	2198.7	2390.8	2601.6	2675.5
27.5°	1091.8	1292.1	1517.8	1717.4	1913.8	2117.1	2338.9	2557.8	2765.8	2941.3	3059.0
25°	1243.7	1486.2	1705.6	1918.9	2131.7	2360.6	2611.5	2859.8	3088.6	3269.1	3406.4
22.5°	1400.3	1656.5	1891.2	2107.7	2355.2	2614.6	2881.5	3166.2	3426.6	3613.9	3763.4
20°	1547.6	1832.6	2100.3	2346.7	2580.6	2880.2	3187.5	3489.5	3773.1	3996.2	4168.6
17.5°	1781.3	2028.7	2355.9	2676.0	2939.6	3214.8	3625.3	3937.1	4251.7	4518.9	4701.7
15°	2068.4	2340.4	2678.3	3117.9	3479.0	3794.3	4218.4	4725.6	5096.8	5437.9	5671.9
12.5°	2355.6	2663.4	3028.8	3523.6	4037.7	4409.1	4923.6	5566.3	5998.6	6526.7	6787.1
10°	2575.8	2962.3	3338.6	3790.1	4283.9	4812.7	5367.4	5968.6	6546.3	6999.8	7405.2
7.5°	2664.5	3076.1	3511.8	3972.4	4466.1	5012.0	5603.1	6228.8	6823.3	7329.8	7775.3
5°	2730.8	3152.5	3591.0	4062.1	4589.9	5159.8	5759.9	6416.7	7023.8	7566.7	8022.5
2.5°	2772.9	3198.6	3635.2	4114.1	4669.2	5256.1	5875.5	6549.7	7165.8	7724.8	8179.1
0°	2789.1	3208.6	3655.7	4148.8	4698.3	5286.6	5932.6	6614.8	7235.9	7776.3	8243.7
-2.5°	2791.2	3199.3	3657.1	4147.7	4673.5	5267.3	5921.1	6597.6	7206.1	7744.3	8216.0
-5°	2769.3	3177.2	3635.4	4118.6	4645.1	5234.5	5860.3	6513.9	7094.3	7618.1	8072.2
-7.5°	2724.9	3131.7	3579.7	4051.9	4564.2	5135.9	5736.9	6344.6	6913.9	7416.3	7849.7
-10°	2659.0	3057.3	3489.8	3949.8	4434.6	4978.3	5551.4	6132.0	6665.9	7130.5	7531.2
-12.5°	2569.8	2958.8	3371.8	3811.0	4262.2	4780.7	5321.8	5867.1	6353.7	6777.8	7137.3
-15°	2453.9	2833.8	3233.7	3649.1	4086.7	4555.5	5041.1	5541.3	5990.1	6366.2	6694.6
-17.5°	2317.3	2685.8	3065.6	3450.7	3865.9	4305.7	4756.5	5205.5	5588.2	5922.4	6222.7
-20°	2165.1	2520.1	2880.9	3239.9	3616.6	4023.3	4439.7	4834.1	5168.6	5472.2	5747.1



REPORT NUMBER: P626902 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-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°	1994.4	2334.2	2680.0	3015.9	3355.7	3724.0	4095.8	4452.5	4765.3	5025.0	5263.9
-25°	1811.8	2125.7	2452.2	2767.2	3079.9	3409.9	3747.7	4075.9	4351.2	4576.7	4774.0
-27.5°	1627.7	1914.6	2202.3	2498.8	2787.8	3092.3	3398.1	3681.5	3928.8	4136.4	4302.2
-30°	1434.2	1690.7	1953.4	2221.7	2497.6	2776.4	3052.7	3300.8	3516.6	3699.2	3842.5
-32.5°	1273.3	1468.2	1700.2	1943.7	2202.4	2456.3	2696.7	2922.9	3126.2	3285.6	3407.2
-35°	1119.2	1284.2	1457.9	1673.5	1895.7	2129.4	2350.5	2552.4	2733.7	2873.0	2987.3
-37.5°	986.7	1117.2	1264.1	1418.0	1604.3	1797.5	1997.1	2186.9	2348.6	2470.1	2572.2
-40°	872.0	975.1	1092.4	1214.4	1351.5	1490.3	1664.0	1824.3	1956.3	2069.9	2162.4
-42.5°	768.3	855.3	941.9	1042.0	1145.5	1257.0	1378.9	1497.4	1598.7	1693.8	1772.4
-45°	678.8	748.3	817.4	894.7	970.6	1061.3	1148.4	1226.2	1308.2	1379.4	1435.4
-47.5°	600.5	654.7	713.9	771.8	832.8	901.1	965.9	1025.1	1085.2	1137.2	1179.0
-50°	531.0	575.9	624.2	669.7	719.0	769.0	816.9	864.0	909.6	949.2	980.0
-52.5°	470.1	509.3	547.0	583.2	622.4	659.4	694.1	732.9	768.7	799.9	821.0
-55°	418.3	450.3	481.1	511.4	541.1	569.1	596.8	626.9	654.5	679.3	695.0
-57.5°	369.6	396.8	423.0	447.7	471.2	493.5	516.8	540.0	561.2	579.9	592.1
-60°	325.3	347.5	370.2	390.3	409.3	427.1	446.7	465.3	482.4	496.8	505.2
-62.5°	284.7	304.7	321.4	337.3	353.5	369.5	383.5	397.1	410.4	421.5	428.8
-65°	242.3	259.2	273.5	286.2	297.8	310.2	322.1	332.9	342.4	349.7	354.3
-67.5°	204.4	216.8	228.2	238.4	248.7	258.6	267.8	275.9	283.1	288.2	291.5
-70°	171.4	180.9	190.2	199.4	208.6	216.4	223.0	229.1	234.6	236.9	238.0
-72.5°	142.4	150.8	159.0	167.2	174.8	180.9	185.8	190.2	194.3	190.8	184.7
-75°	116.1	123.5	131.2	138.4	145.1	149.8	153.4	156.8	159.8	152.3	141.9
-77.5°	94.7	101.2	106.8	112.5	118.0	121.0	123.2	125.5	127.6	119.3	108.7
-80°	70.2	75.5	80.3	85.0	89.7	91.4	92.4	93.1	93.5	86.3	78.0
-82.5°	47.5	50.2	52.8	55.6	58.4	59.9	61.0	61.9	62.5	57.4	51.6
-85°	26.6	27.4	28.1	28.6	29.1	30.0	30.9	31.7	32.4	30.0	27.3
-87.5°	9.2	9.2	9.1	9.0	8.9	8.9	8.9	8.9	8.9	8.5	8.1
-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: P626902 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-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	0.1
62.5°	0.6	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5
60°	1.3	0.8	0.7	0.7	0.7	0.8	1.3	1.7	1.9	2.5	2.7
57.5°	13.1	11.4	10.3	9.2	10.3	11.4	13.1	14.0	14.1	18.2	18.8
55°	87.0	81.0	73.7	65.0	73.7	81.0	87.0	88.5	84.8	77.5	69.9
52.5°	170.6	176.2	179.5	179.2	179.5	176.2	170.6	164.7	159.1	151.5	144.7
50°	224.5	227.6	227.8	225.2	227.8	227.6	224.5	219.4	213.0	204.2	190.1
47.5°	329.0	324.7	317.2	309.2	317.2	324.7	329.0	324.9	315.9	297.3	261.8
45°	574.0	587.8	586.9	569.2	586.9	587.8	574.0	548.9	510.7	476.1	450.9
42.5°	784.5	805.1	819.8	827.3	819.8	805.1	784.5	759.1	713.6	660.9	604.9
40°	988.0	1008.1	1016.9	1016.3	1016.9	1008.1	988.0	954.0	893.6	821.2	755.1
37.5°	1203.2	1229.1	1241.6	1235.6	1241.6	1229.1	1203.2	1168.2	1114.3	1026.8	952.3
35°	1499.1	1523.3	1523.7	1511.4	1523.7	1523.3	1499.1	1476.4	1424.1	1313.9	1259.5
32.5°	2153.0	2161.1	2098.8	2076.7	2098.8	2161.1	2153.0	2061.6	1946.4	1835.8	1713.3
30°	2749.0	2806.4	2859.9	2886.9	2859.9	2806.4	2749.0	2675.5	2601.6	2390.8	2198.7
27.5°	3147.7	3216.9	3259.7	3262.4	3259.7	3216.9	3147.7	3059.0	2941.3	2765.8	2557.8
25°	3510.4	3587.8	3634.5	3650.5	3634.5	3587.8	3510.4	3406.4	3269.1	3088.6	2859.8
22.5°	3890.4	3981.6	4041.9	4054.2	4041.9	3981.6	3890.4	3763.4	3613.9	3426.6	3166.2
20°	4331.2	4437.3	4495.2	4492.8	4495.2	4437.3	4331.2	4168.6	3996.2	3773.1	3489.5
17.5°	4911.7	5025.4	5075.4	5053.5	5075.4	5025.4	4911.7	4701.7	4518.9	4251.7	3937.1
15°	5912.1	6150.0	6149.1	6054.1	6149.1	6150.0	5912.1	5671.9	5437.9	5096.8	4725.6
12.5°	7146.2	7323.5	7505.4	7544.5	7505.4	7323.5	7146.2	6787.1	6526.7	5998.6	5566.3
10°	7746.6	7982.1	8137.5	8133.4	8137.5	7982.1	7746.6	7405.2	6999.8	6546.3	5968.6
7.5°	8122.3	8382.4	8570.8	8566.7	8570.8	8382.4	8122.3	7775.3	7329.8	6823.3	6228.8
5°	8412.2	8700.8	8867.6	8879.9	8867.6	8700.8	8412.2	8022.5	7566.7	7023.8	6416.7
2.5°	8562.8	8864.0	9064.5	9038.2	9064.5	8864.0	8562.8	8179.1	7724.8	7165.8	6549.7
0°	8625.8	8923.9	9111.0	9191.8	9111.0	8923.9	8625.8	8243.7	7776.3	7235.9	6614.8
-2.5°	8598.3	8888.4	9095.1	9103.2	9095.1	8888.4	8598.3	8216.0	7744.3	7206.1	6597.6
-5°	8451.0	8757.1	8895.6	8969.2	8895.6	8757.1	8451.0	8072.2	7618.1	7094.3	6513.9
-7.5°	8213.4	8442.8	8618.8	8700.0	8618.8	8442.8	8213.4	7849.7	7416.3	6913.9	6344.6
-10°	7843.7	8081.1	8229.9	8296.9	8229.9	8081.1	7843.7	7531.2	7130.5	6665.9	6132.0
-12.5°	7434.0	7649.8	7791.2	7847.8	7791.2	7649.8	7434.0	7137.3	6777.8	6353.7	5867.1
-15°	6977.0	7173.0	7303.1	7357.4	7303.1	7173.0	6977.0	6694.6	6366.2	5990.1	5541.3
-17.5°	6473.9	6645.6	6775.3	6814.4	6775.3	6645.6	6473.9	6222.7	5922.4	5588.2	5205.5
-20°	5956.6	6111.8	6218.6	6241.9	6218.6	6111.8	5956.6	5747.1	5472.2	5168.6	4834.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626902 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2C-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°	5435.4	5563.2	5650.0	5679.2	5650.0	5563.2	5435.4	5263.9	5025.0	4765.3	4452.5
-25°	4925.9	5036.3	5106.2	5132.3	5106.2	5036.3	4925.9	4774.0	4576.7	4351.2	4075.9
-27.5°	4436.0	4538.9	4603.1	4611.7	4603.1	4538.9	4436.0	4302.2	4136.4	3928.8	3681.5
-30°	3954.0	4039.0	4088.4	4109.4	4088.4	4039.0	3954.0	3842.5	3699.2	3516.6	3300.8
-32.5°	3503.5	3577.7	3622.1	3634.0	3622.1	3577.7	3503.5	3407.2	3285.6	3126.2	2922.9
-35°	3078.2	3146.8	3186.1	3183.0	3186.1	3146.8	3078.2	2987.3	2873.0	2733.7	2552.4
-37.5°	2656.6	2719.9	2755.6	2752.3	2755.6	2719.9	2656.6	2572.2	2470.1	2348.6	2186.9
-40°	2238.4	2293.0	2324.4	2332.1	2324.4	2293.0	2238.4	2162.4	2069.9	1956.3	1824.3
-42.5°	1837.7	1888.1	1913.3	1903.4	1913.3	1888.1	1837.7	1772.4	1693.8	1598.7	1497.4
-45°	1474.6	1500.7	1517.8	1528.5	1517.8	1500.7	1474.6	1435.4	1379.4	1308.2	1226.2
-47.5°	1209.5	1231.1	1242.8	1244.8	1242.8	1231.1	1209.5	1179.0	1137.2	1085.2	1025.1
-50°	1004.0	1022.4	1030.5	1028.2	1030.5	1022.4	1004.0	980.0	949.2	909.6	864.0
-52.5°	836.2	846.8	854.0	857.5	854.0	846.8	836.2	821.0	799.9	768.7	732.9
-55°	706.8	715.1	720.0	721.6	720.0	715.1	706.8	695.0	679.3	654.5	626.9
-57.5°	602.2	610.0	612.9	611.9	612.9	610.0	602.2	592.1	579.9	561.2	540.0
-60°	511.7	516.2	519.6	521.3	519.6	516.2	511.7	505.2	496.8	482.4	465.3
-62.5°	434.7	438.9	442.4	444.5	442.4	438.9	434.7	428.8	421.5	410.4	397.1
-65°	357.6	359.4	359.9	359.1	359.9	359.4	357.6	354.3	349.7	342.4	332.9
-67.5°	294.0	295.5	296.6	296.8	296.6	295.5	294.0	291.5	288.2	283.1	275.9
-70°	239.0	239.6	238.9	237.0	238.9	239.6	239.0	238.0	236.9	234.6	229.1
-72.5°	178.5	172.0	165.5	158.2	165.5	172.0	178.5	184.7	190.8	194.3	190.2
-75°	131.2	120.1	116.1	112.3	116.1	120.1	131.2	141.9	152.3	159.8	156.8
-77.5°	97.6	86.1	83.0	80.1	83.0	86.1	97.6	108.7	119.3	127.6	125.5
-80°	69.4	60.4	58.4	56.5	58.4	60.4	69.4	78.0	86.3	93.5	93.1
-82.5°	45.6	39.3	38.1	36.8	38.1	39.3	45.6	51.6	57.4	62.5	61.9
-85°	24.5	21.6	21.0	20.4	21.0	21.6	24.5	27.3	30.0	32.4	31.7
-87.5°	7.6	7.2	7.2	7.2	7.2	7.2	7.6	8.1	8.5	8.9	8.9
-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: P626902 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-727-U-WR-VSR-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°	0.0	0.0	0.0	0.2	0.3	0.4	0.6	0.6	0.5	0.5	0.5
85°	0.0	0.0	0.0	0.2	0.4	0.5	0.7	0.7	0.7	0.7	0.7
82.5°	0.0	0.0	0.0	0.2	0.4	0.5	0.7	0.7	0.7	0.7	0.7
80°	0.0	0.0	0.0	0.2	0.4	0.6	0.7	0.7	0.7	0.7	0.7
77.5°	0.0	0.0	0.0	0.2	0.4	0.6	0.7	0.7	0.7	0.7	0.7
75°	0.0	0.0	0.1	0.2	0.4	0.6	0.7	0.7	0.7	0.7	0.7
72.5°	0.0	0.0	0.0	0.2	0.4	0.6	0.7	0.7	0.7	0.7	0.7
70°	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.6	0.7	0.7	0.7
67.5°	0.0	0.0	0.1	0.3	0.4	0.4	0.3	0.4	0.5	0.7	0.7
65°	0.2	0.1	0.2	0.3	0.5	0.7	0.7	0.6	0.6	0.7	0.7
62.5°	0.6	0.7	0.6	0.6	0.6	0.9	0.9	0.9	0.8	1.0	1.5
60°	2.2	1.1	2.4	2.8	2.2	2.2	3.7	3.5	1.3	4.9	6.0
57.5°	14.4	13.3	19.0	18.5	11.0	15.8	18.8	12.6	8.8	14.0	16.9
55°	62.9	61.5	59.9	56.4	51.8	48.2	47.5	47.4	37.6	27.3	31.0
52.5°	137.8	122.6	111.8	106.6	99.0	87.6	78.4	76.6	74.3	61.5	50.8
50°	177.0	174.3	162.5	144.5	142.9	131.4	115.5	104.5	103.1	94.3	78.1
47.5°	254.3	254.3	230.3	208.3	202.0	192.0	171.9	142.2	139.4	131.9	113.9
45°	412.1	383.4	370.0	327.9	282.0	264.3	247.5	211.8	182.6	171.1	158.4
42.5°	558.3	515.8	480.6	438.3	387.7	343.5	312.0	272.8	237.5	213.1	194.9
40°	695.1	626.5	577.8	524.5	469.6	414.8	375.7	326.4	286.2	253.5	234.2
37.5°	866.2	771.8	717.7	634.9	565.6	508.9	458.9	396.1	331.6	305.0	281.1
35°	1117.9	1006.2	942.9	842.1	702.1	651.9	586.7	492.7	411.0	365.4	335.9
32.5°	1569.5	1402.6	1286.0	1151.4	965.9	834.1	747.4	642.9	512.0	446.3	397.4
30°	2028.3	1802.5	1639.3	1502.5	1256.1	1061.7	927.9	780.0	638.9	532.2	465.8
27.5°	2338.9	2117.1	1913.8	1717.4	1517.8	1292.1	1091.8	901.8	747.5	628.3	542.4
25°	2611.5	2360.6	2131.7	1918.9	1705.6	1486.2	1243.7	1030.1	849.1	712.6	600.6
22.5°	2881.5	2614.6	2355.2	2107.7	1891.2	1656.5	1400.3	1154.6	946.5	805.2	670.5
20°	3187.5	2880.2	2580.6	2346.7	2100.3	1832.6	1547.6	1313.3	1109.4	915.8	747.1
17.5°	3625.3	3214.8	2939.6	2676.0	2355.9	2028.7	1781.3	1535.7	1284.6	1032.7	827.4
15°	4218.4	3794.3	3479.0	3117.9	2678.3	2340.4	2068.4	1770.2	1472.7	1171.0	922.9
12.5°	4923.6	4409.1	4037.7	3523.6	3028.8	2663.4	2355.6	2021.9	1656.5	1296.0	1011.8
10°	5367.4	4812.7	4283.9	3790.1	3338.6	2962.3	2575.8	2168.2	1761.9	1390.4	1088.7
7.5°	5603.1	5012.0	4466.1	3972.4	3511.8	3076.1	2664.5	2254.0	1846.6	1464.1	1153.6
5°	5759.9	5159.8	4589.9	4062.1	3591.0	3152.5	2730.8	2312.1	1910.4	1518.4	1206.8
2.5°	5875.5	5256.1	4669.2	4114.1	3635.2	3198.6	2772.9	2346.0	1943.7	1547.6	1225.3
0°	5932.6	5286.6	4698.3	4148.8	3655.7	3208.6	2789.1	2358.3	1951.3	1560.0	1233.0
-2.5°	5921.1	5267.3	4673.5	4147.7	3657.1	3199.3	2791.2	2365.0	1953.4	1569.3	1238.5
-5°	5860.3	5234.5	4645.1	4118.6	3635.4	3177.2	2769.3	2350.6	1938.0	1561.9	1233.3
-7.5°	5736.9	5135.9	4564.2	4051.9	3579.7	3131.7	2724.9	2315.1	1907.0	1536.4	1217.9
-10°	5551.4	4978.3	4434.6	3949.8	3489.8	3057.3	2659.0	2255.1	1855.8	1494.5	1191.3
-12.5°	5321.8	4780.7	4262.2	3811.0	3371.8	2958.8	2569.8	2170.5	1784.6	1436.4	1153.2
-15°	5041.1	4555.5	4086.7	3649.1	3233.7	2833.8	2453.9	2065.2	1694.1	1361.6	1103.9
-17.5°	4756.5	4305.7	3865.9	3450.7	3065.6	2685.8	2317.3	1948.2	1593.1	1280.9	1046.1
-20°	4439.7	4023.3	3616.6	3239.9	2880.9	2520.1	2165.1	1810.1	1477.4	1205.4	994.9



REPORT NUMBER: P626902 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-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°	4095.8	3724.0	3355.7	3015.9	2680.0	2334.2	1994.4	1659.4	1343.7	1120.6	936.9
-25°	3747.7	3409.9	3079.9	2767.2	2452.2	2125.7	1811.8	1505.8	1244.8	1040.7	874.3
-27.5°	3398.1	3092.3	2787.8	2498.8	2202.3	1914.6	1627.7	1350.3	1137.8	964.2	815.9
-30°	3052.7	2776.4	2497.6	2221.7	1953.4	1690.7	1434.2	1224.1	1039.3	882.5	750.6
-32.5°	2696.7	2456.3	2202.4	1943.7	1700.2	1468.2	1273.3	1096.3	936.6	807.2	692.5
-35°	2350.5	2129.4	1895.7	1673.5	1457.9	1284.2	1119.2	974.4	846.7	732.1	634.5
-37.5°	1997.1	1797.5	1604.3	1418.0	1264.1	1117.2	986.7	868.5	758.2	667.0	583.0
-40°	1664.0	1490.3	1351.5	1214.4	1092.4	975.1	872.0	770.4	685.2	605.0	532.7
-42.5°	1378.9	1257.0	1145.5	1042.0	941.9	855.3	768.3	689.3	614.9	547.7	487.6
-45°	1148.4	1061.3	970.6	894.7	817.4	748.3	678.8	613.7	551.2	496.4	443.1
-47.5°	965.9	901.1	832.8	771.8	713.9	654.7	600.5	544.4	496.0	447.1	402.7
-50°	816.9	769.0	719.0	669.7	624.2	575.9	531.0	486.8	444.2	403.7	363.2
-52.5°	694.1	659.4	622.4	583.2	547.0	509.3	470.1	434.6	397.9	362.2	326.8
-55°	596.8	569.1	541.1	511.4	481.1	450.3	418.3	386.4	354.7	322.2	295.5
-57.5°	516.8	493.5	471.2	447.7	423.0	396.8	369.6	341.1	315.2	290.6	266.4
-60°	446.7	427.1	409.3	390.3	370.2	347.5	325.3	302.9	280.5	259.2	238.4
-62.5°	383.5	369.5	353.5	337.3	321.4	304.7	284.7	265.0	246.0	227.7	210.5
-65°	322.1	310.2	297.8	286.2	273.5	259.2	242.3	226.9	212.0	196.8	182.6
-67.5°	267.8	258.6	248.7	238.4	228.2	216.8	204.4	191.5	179.5	167.2	156.6
-70°	223.0	216.4	208.6	199.4	190.2	180.9	171.4	161.3	150.4	139.3	130.8
-72.5°	185.8	180.9	174.8	167.2	159.0	150.8	142.4	133.4	123.9	113.6	105.4
-75°	153.4	149.8	145.1	138.4	131.2	123.5	116.1	108.0	98.7	88.2	79.9
-77.5°	123.2	121.0	118.0	112.5	106.8	101.2	94.7	85.1	75.7	66.7	60.6
-80°	92.4	91.4	89.7	85.0	80.3	75.5	70.2	63.0	56.1	49.6	44.6
-82.5°	61.0	59.9	58.4	55.6	52.8	50.2	47.5	42.6	37.8	33.1	29.1
-85°	30.9	30.0	29.1	28.6	28.1	27.4	26.6	23.8	21.1	18.6	16.3
-87.5°	8.9	8.9	8.9	9.0	9.1	9.2	9.2	8.5	7.8	7.1	6.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA2C-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°	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2
85°	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.4
82.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6
80°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
77.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
75°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
72.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
70°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.7	0.7
67.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.9	0.9	0.7	0.7
65°	0.7	0.7	0.7	1.0	0.9	0.7	0.7	1.3	1.1	1.0	0.7
62.5°	1.3	0.7	1.7	2.3	1.5	1.2	1.0	2.8	1.8	1.3	0.9
60°	3.0	2.5	4.6	7.0	5.0	2.0	2.9	4.7	4.4	1.6	1.3
57.5°	15.2	6.9	10.3	13.3	12.7	7.1	5.8	8.1	7.4	4.3	1.7
55°	31.6	26.8	21.3	21.2	21.4	16.9	12.1	12.5	11.1	7.9	2.5
52.5°	47.9	46.5	41.4	33.7	30.9	27.9	22.8	17.7	16.4	11.8	6.2
50°	68.3	64.6	60.6	52.7	42.7	38.8	33.5	27.0	22.4	16.4	10.2
47.5°	91.7	85.2	79.1	71.5	60.6	50.2	44.4	36.6	28.9	22.5	14.3
45°	128.1	106.9	98.7	89.9	78.7	65.8	55.7	46.1	37.4	28.7	18.4
42.5°	165.4	136.1	118.8	108.9	97.1	82.6	67.4	56.7	45.8	34.8	23.3
40°	203.1	166.7	140.6	128.2	116.2	99.4	82.3	67.7	54.0	41.2	28.6
37.5°	243.7	201.0	165.7	148.3	135.6	117.5	97.5	78.9	62.5	48.0	33.8
35°	294.3	241.6	193.0	171.5	154.6	135.9	112.5	91.2	72.5	55.0	39.0
32.5°	351.3	286.5	232.1	196.8	173.8	154.7	128.5	105.0	82.9	61.9	44.1
30°	407.8	332.7	269.2	221.9	194.2	172.3	145.6	118.9	93.5	68.8	49.2
27.5°	451.0	372.6	304.0	252.0	216.8	189.8	162.6	132.8	104.2	76.4	54.9
25°	495.2	409.5	337.7	281.5	238.9	207.6	178.9	146.7	115.6	85.1	60.4
22.5°	546.7	444.6	366.2	308.1	262.4	225.8	194.5	160.9	127.2	93.8	65.8
20°	597.1	476.9	392.4	339.2	288.0	246.0	209.8	174.3	138.6	102.3	70.9
17.5°	648.8	522.3	435.8	371.3	314.5	266.0	224.9	187.1	149.6	110.7	75.9
15°	726.7	583.0	479.6	403.1	340.1	285.6	239.7	199.1	160.2	118.7	80.3
12.5°	800.1	640.2	522.1	434.1	364.6	304.6	254.0	210.4	170.3	125.3	84.0
10°	865.0	693.4	562.8	464.1	387.9	322.8	267.8	219.3	176.3	130.7	87.4
7.5°	921.5	742.2	601.2	492.6	407.8	335.1	274.8	223.9	180.8	135.3	90.3
5°	964.7	775.4	622.3	504.0	415.3	340.8	279.8	227.6	184.5	139.3	92.8
2.5°	978.9	786.5	630.6	510.4	420.7	344.8	283.6	230.4	187.2	142.6	94.8
0°	985.5	791.8	634.9	514.1	424.1	347.3	286.3	232.4	189.1	145.1	96.5
-2.5°	992.8	799.1	640.9	519.8	427.6	350.7	289.1	235.5	191.8	147.9	99.3
-5°	992.2	800.5	642.9	522.5	429.1	352.5	290.7	237.7	193.8	150.0	101.6
-7.5°	981.8	794.3	640.4	522.0	428.3	352.8	291.1	239.0	195.0	151.3	103.5
-10°	963.0	781.4	633.2	517.3	425.5	351.2	290.4	239.4	195.5	151.9	104.8
-12.5°	936.6	763.0	621.5	509.5	420.4	347.9	288.3	238.2	195.2	151.7	105.5
-15°	902.6	739.4	605.5	498.8	413.1	343.0	284.9	235.9	193.5	150.6	105.7
-17.5°	861.6	710.7	585.1	485.2	403.5	336.5	280.2	232.7	191.2	148.7	105.5
-20°	823.5	680.6	561.5	468.6	391.7	328.5	274.2	228.7	188.3	146.2	105.0

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CATALOG NUMBER: GFLD-SA2C-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°
-22.5°	780.9	649.2	540.6	452.8	379.2	318.8	266.9	223.7	184.9	143.4	104.0
-25°	732.1	613.7	516.7	435.1	367.0	309.6	259.5	217.9	180.9	140.1	102.6
-27.5°	686.3	577.1	489.9	414.7	352.9	298.9	252.1	212.5	176.4	136.4	100.8
-30°	639.6	545.1	464.2	393.4	337.3	287.1	243.8	206.7	171.3	133.2	98.5
-32.5°	592.1	510.4	436.7	374.9	322.3	274.4	234.8	200.5	165.9	130.0	96.7
-35°	551.2	476.1	407.1	355.0	306.9	263.5	225.7	193.9	160.4	126.4	94.7
-37.5°	507.7	441.4	384.2	335.2	290.4	251.7	217.0	186.2	154.7	122.4	92.2
-40°	468.8	409.1	359.4	316.1	275.5	238.9	207.3	177.9	149.4	117.9	89.4
-42.5°	429.2	379.6	335.3	295.5	260.5	227.2	196.8	169.1	142.5	113.8	86.1
-45°	394.5	349.5	310.3	276.9	244.9	214.4	186.5	160.0	135.1	109.6	82.7
-47.5°	358.6	320.4	287.0	257.4	229.5	201.1	175.6	151.5	127.5	104.9	79.2
-50°	325.2	292.9	265.1	238.5	212.5	188.6	164.8	142.8	120.6	98.8	75.3
-52.5°	295.4	268.5	243.8	219.6	197.3	175.7	155.0	133.9	113.3	92.6	71.0
-55°	269.1	245.1	222.8	201.9	182.0	164.1	145.1	125.6	105.8	86.3	66.4
-57.5°	244.0	222.3	203.4	184.8	167.8	152.3	135.4	116.9	98.2	79.6	62.2
-60°	218.6	201.2	184.4	168.8	154.1	140.0	125.7	108.0	90.3	72.8	57.3
-62.5°	194.4	179.8	166.9	153.1	139.7	127.2	115.6	98.8	82.0	66.1	51.8
-65°	170.6	159.4	149.0	136.1	124.3	114.0	104.3	89.2	73.4	58.9	46.0
-67.5°	147.0	137.8	128.5	118.0	109.3	100.9	92.3	78.6	64.3	51.3	40.2
-70°	123.2	115.4	108.7	102.1	94.9	87.4	78.9	67.2	54.7	44.1	34.2
-72.5°	99.9	95.1	91.2	86.5	80.3	73.3	65.3	55.8	46.0	36.7	28.0
-75°	77.0	76.0	74.8	71.8	65.9	59.3	52.8	45.5	37.1	29.1	22.8
-77.5°	60.6	60.2	59.4	57.3	52.1	46.7	41.1	35.0	28.6	23.1	17.9
-80°	44.9	44.8	44.4	43.1	38.7	34.2	30.3	26.3	21.6	17.2	12.9
-82.5°	29.5	30.0	30.1	29.7	26.8	23.8	21.0	18.2	14.6	11.1	8.6
-85°	16.9	17.2	17.3	17.0	15.2	13.4	12.2	11.0	9.1	7.4	5.8
-87.5°	7.0	7.4	7.7	7.9	7.3	6.7	6.1	5.5	4.6	3.7	2.9
-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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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°	0.2	0.2	0.1	0.1	0.1	0.0	0.0
85°	0.4	0.3	0.2	0.2	0.1	0.1	0.0
82.5°	0.5	0.5	0.4	0.3	0.2	0.1	0.0
80°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
77.5°	0.7	0.7	0.6	0.5	0.3	0.2	0.0
75°	0.7	0.7	0.7	0.5	0.4	0.2	0.0
72.5°	0.7	0.7	0.7	0.6	0.4	0.2	0.0
70°	0.7	0.7	0.7	0.7	0.5	0.2	0.0
67.5°	0.8	0.7	0.7	0.7	0.5	0.3	0.0
65°	0.8	0.8	0.7	0.7	0.6	0.3	0.0
62.5°	0.9	0.9	0.7	0.7	0.6	0.3	0.0
60°	1.1	1.1	0.7	0.7	0.7	0.3	0.0
57.5°	1.8	1.3	0.9	0.7	0.7	0.4	0.0
55°	2.7	1.5	1.1	0.7	0.7	0.4	0.0
52.5°	3.8	1.8	1.3	0.7	0.7	0.4	0.0
50°	5.0	3.0	1.5	0.7	0.7	0.4	0.0
47.5°	6.7	4.2	1.7	0.7	0.8	0.5	0.0
45°	10.2	5.5	1.9	0.9	0.8	0.5	0.0
42.5°	13.8	6.8	2.2	1.1	0.8	0.5	0.0
40°	17.3	8.3	2.8	1.3	0.8	0.5	0.0
37.5°	20.8	9.8	4.0	1.6	0.8	0.6	0.0
35°	24.3	12.1	5.1	1.9	0.9	0.6	0.0
32.5°	28.0	14.9	6.3	2.2	0.9	0.6	0.0
30°	32.1	17.5	7.4	2.6	0.9	0.6	0.0
27.5°	36.0	20.1	8.7	2.9	0.9	0.6	0.0
25°	39.9	22.6	10.1	3.3	1.0	0.6	0.0
22.5°	43.6	25.1	11.3	3.7	1.0	0.6	0.0
20°	47.1	27.4	12.6	4.1	1.0	0.7	0.0
17.5°	50.3	29.7	13.8	4.5	1.1	0.7	0.0
15°	53.3	31.7	15.0	5.0	1.1	0.7	0.0
12.5°	56.0	33.7	16.1	5.4	1.1	0.7	0.0
10°	58.5	35.4	17.1	5.8	1.2	0.7	0.0
7.5°	60.7	37.0	18.0	6.2	1.2	0.7	0.0
5°	62.7	38.4	18.9	6.5	1.2	0.7	0.0
2.5°	64.3	39.7	19.7	6.9	1.3	0.7	0.0
0°	65.7	40.7	20.4	7.2	1.3	0.7	0.0
-2.5°	67.5	42.0	21.3	7.7	1.5	0.7	0.0
-5°	69.0	43.1	22.1	8.1	1.7	0.8	0.0
-7.5°	70.1	43.9	22.8	8.5	1.9	0.8	0.0
-10°	70.9	44.6	23.4	8.8	2.1	0.9	0.0
-12.5°	71.4	45.0	23.8	9.1	2.2	0.9	0.0
-15°	71.6	45.2	24.1	9.3	2.4	0.9	0.0
-17.5°	71.4	45.2	24.2	9.5	2.6	0.9	0.0
-20°	71.2	45.0	24.2	9.6	2.7	1.0	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	71.2	44.5	24.0	9.7	2.8	1.0	0.0
-25°	70.9	44.3	23.6	9.7	2.9	1.0	0.0
-27.5°	70.2	44.1	23.1	9.6	3.0	1.0	0.0
-30°	69.2	43.6	22.4	9.5	3.1	1.0	0.0
-32.5°	67.8	42.9	22.1	9.2	3.1	1.0	0.0
-35°	66.5	41.8	21.6	9.0	3.2	1.0	0.0
-37.5°	64.9	40.7	21.0	8.6	3.2	1.0	0.0
-40°	63.1	39.7	20.2	8.2	3.2	1.0	0.0
-42.5°	60.8	38.5	19.5	7.9	3.1	1.0	0.0
-45°	58.2	37.0	19.2	7.6	3.1	1.0	0.0
-47.5°	55.3	35.2	18.6	7.2	3.0	0.9	0.0
-50°	52.7	33.2	17.8	7.0	2.9	0.9	0.0
-52.5°	49.9	31.0	16.8	6.9	2.8	0.9	0.0
-55°	46.8	29.2	15.7	6.7	2.7	0.8	0.0
-57.5°	43.5	27.2	14.3	6.5	2.5	0.8	0.0
-60°	39.9	24.9	12.8	6.1	2.3	0.8	0.0
-62.5°	36.4	22.4	11.9	5.7	2.2	0.7	0.0
-65°	32.5	19.7	10.9	5.2	2.0	0.7	0.0
-67.5°	28.4	17.2	9.8	4.6	1.9	0.6	0.0
-70°	23.9	15.1	8.5	4.0	1.7	0.5	0.0
-72.5°	20.3	12.8	7.1	3.5	1.5	0.5	0.0
-75°	16.7	10.4	5.6	3.0	1.3	0.4	0.0
-77.5°	12.8	7.8	4.7	2.6	1.1	0.4	0.0
-80°	8.9	6.0	3.8	2.1	0.9	0.3	0.0
-82.5°	6.5	4.5	2.9	1.6	0.7	0.2	0.0
-85°	4.4	3.0	1.9	1.1	0.5	0.1	0.0
-87.5°	2.2	1.5	1.0	0.5	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)