

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: P627082 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA3B-727-U-WR-VSR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627082 (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-SA3B-727-U-WR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (48) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10329.1 lumens
Efficiency: N/A
Efficacy: 110.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 11708.2 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 50.9°H x 47.1°V
Beam Lumens: 4973 lumens
Beam Efficiency: 48.1%

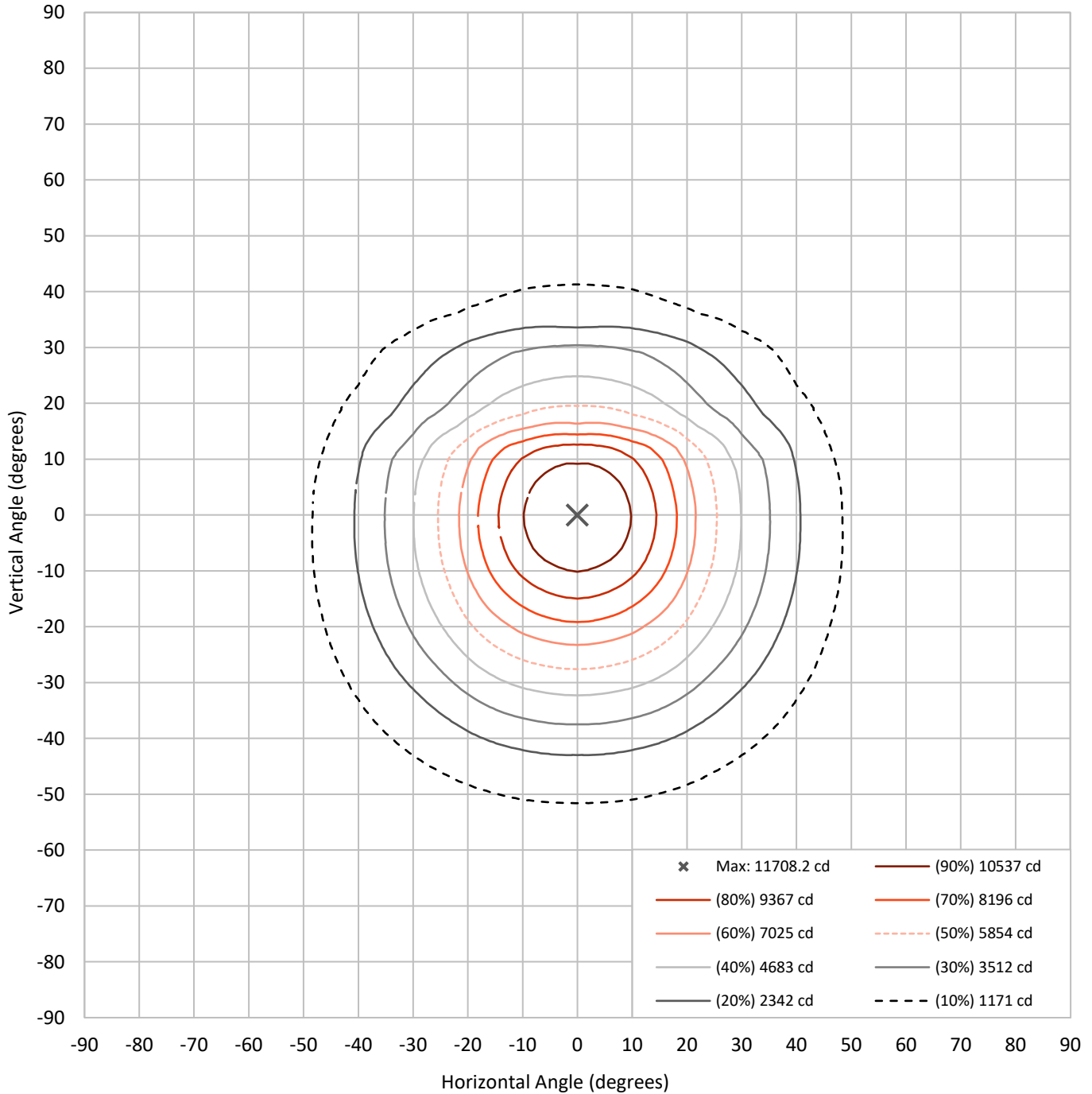
Field Angle (10%): 96.7°H x 92.9°V
Field Lumens: 9248.1 lumens
Field Efficiency: 89.5%

Input Watts (W): 93.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot





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Lumen Table

90																			
80	0.0	0.0	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	0.5	1.0	1.6	2.4	3.2	3.7	3.7	3.2	2.4	1.6	1.0	0.5	0.2				
40	0.4	0.8	2.0	4.2	7.7	12.6	18.2	22.3	22.3	18.2	12.6	7.7	4.2	2.0	0.8	0.4			
30		1.6	4.0	9.3	19.3	35.4	54.2	65.1	65.1	54.2	35.4	19.3	9.3	4.0	1.6				
20	1.1	2.5	6.5	17.0	40.1	75.3	114.7	138.2	138.2	114.7	75.3	40.1	17.0	6.5	2.5	1.1			
10		3.3	9.3	26.6	66.0	122.1	190.7	235.8	235.8	190.7	122.1	66.0	26.6	9.3	3.3				
0	1.6	3.9	11.7	34.4	86.7	161.5	259.4	328.9	328.9	259.4	161.5	86.7	34.4	11.7	3.9	1.6			
-10		4.1	12.2	35.5	87.9	163.9	262.0	330.9	330.9	262.0	163.9	87.9	35.5	12.2	4.1				
-20	1.7	4.0	11.6	31.6	77.9	143.9	221.8	273.7	273.7	221.8	143.9	77.9	31.6	11.6	4.0	1.7			
-30		3.7	10.0	24.8	58.1	108.5	161.7	193.9	193.9	161.7	108.5	58.1	24.8	10.0	3.7				
-40	1.5	3.2	8.1	17.9	36.6	67.3	101.5	120.9	120.9	101.5	67.3	36.6	17.9	8.1	3.2	1.5			
-50		2.7	6.3	12.4	22.0	35.2	50.5	60.2	60.2	50.5	35.2	22.0	12.4	6.3	2.7				
-60	0.9	2.1	4.6	8.2	13.4	19.3	25.0	28.3	28.3	25.0	19.3	13.4	8.2	4.6	2.1	0.9			
-70		1.5	3.0	5.1	7.8	10.6	13.0	14.2	14.2	13.0	10.6	7.8	5.1	3.0	1.5				
-80	0.2	2.9	7.6	13.6	12.4	13.6	7.6	2.9	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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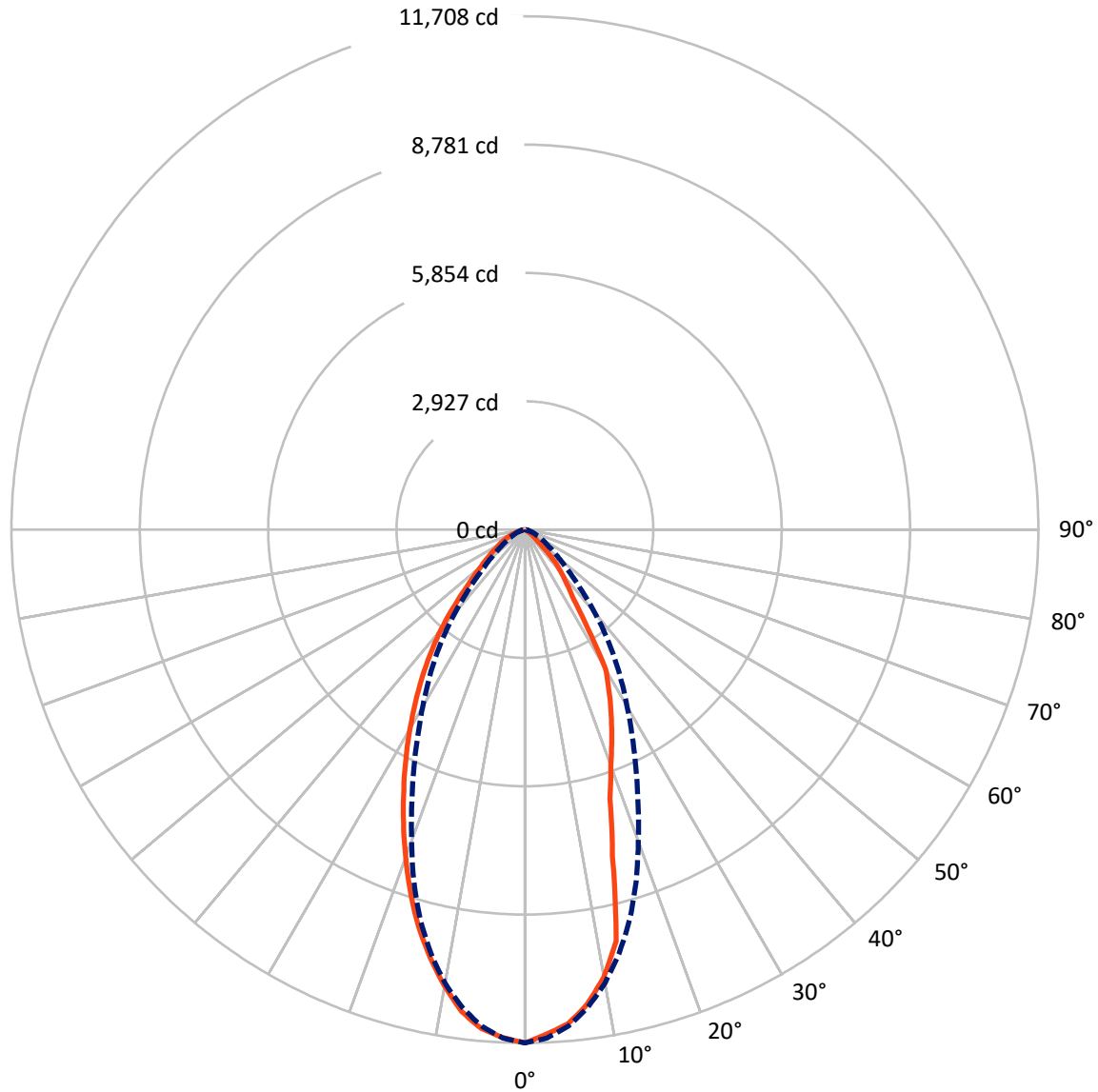
Cooper Lighting Solutions Photometric Lab
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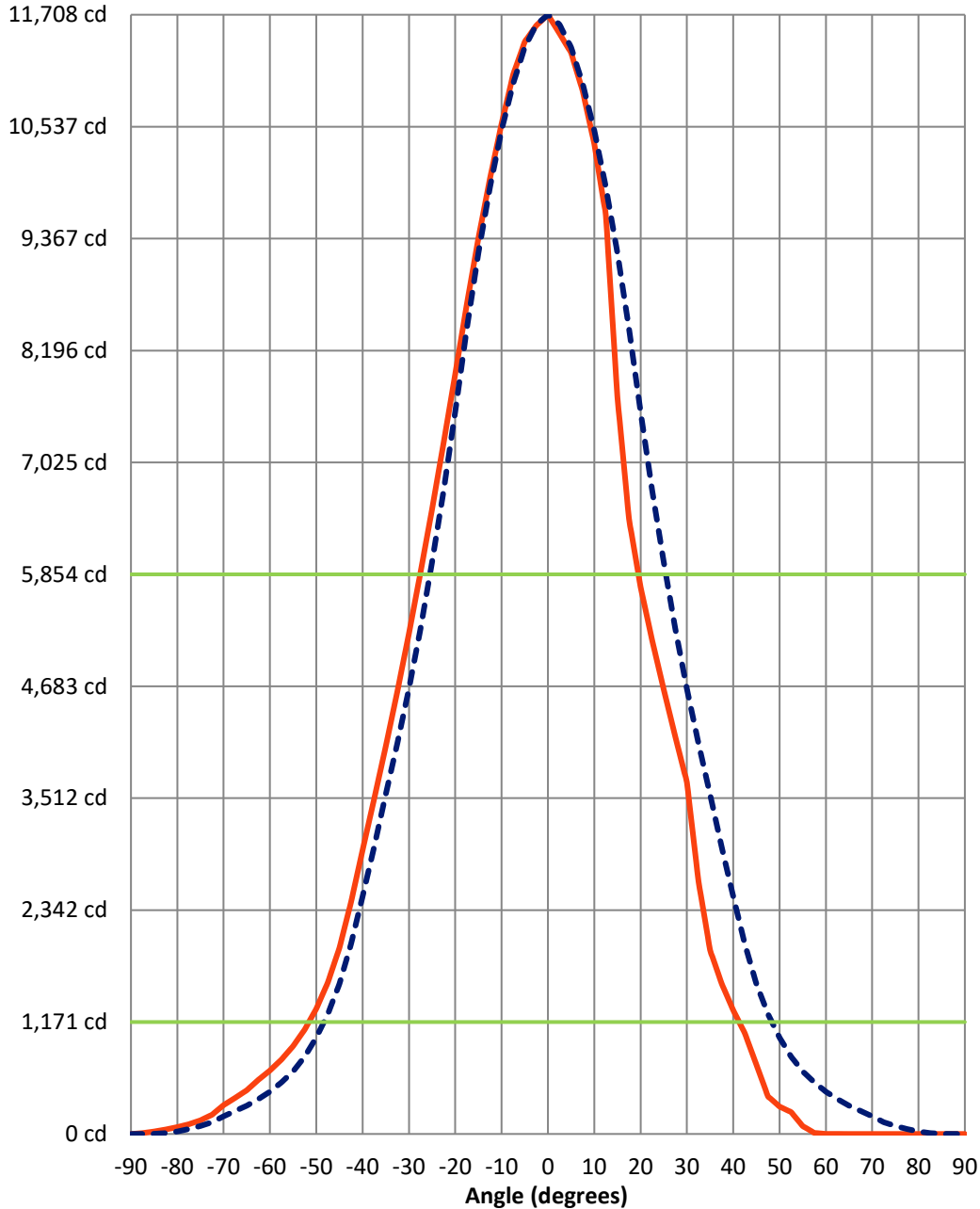
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 4973
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 9248.1
 Efficiency: 89.5%

Spill:
 Lumens: 1081
 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	0.3	0.3	0.3
85°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.7
82.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.8
80°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	0.8	0.8	0.8	0.8
77.5°	0.0	0.2	0.3	0.5	0.7	0.8	0.8	0.8	0.8	0.8	0.8
75°	0.0	0.2	0.4	0.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8
72.5°	0.0	0.2	0.5	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8
70°	0.0	0.3	0.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9
67.5°	0.0	0.3	0.6	0.8	0.8	0.8	0.9	0.8	0.8	1.1	1.0
65°	0.0	0.3	0.7	0.8	0.8	0.9	1.0	0.8	1.2	1.3	1.6
62.5°	0.0	0.4	0.7	0.8	0.8	1.1	1.1	1.1	1.6	2.2	3.5
60°	0.0	0.4	0.8	0.8	0.8	1.3	1.3	1.6	2.0	5.5	6.0
57.5°	0.0	0.4	0.8	0.8	1.0	1.5	2.2	2.1	5.4	9.3	10.2
55°	0.0	0.5	0.8	0.8	1.3	1.8	3.4	3.2	10.0	14.1	15.9
52.5°	0.0	0.5	0.8	0.8	1.6	2.3	4.8	7.9	14.9	20.9	22.5
50°	0.0	0.5	0.9	0.8	1.8	3.7	6.4	13.0	20.9	28.4	34.4
47.5°	0.0	0.5	0.9	0.9	2.1	5.3	8.5	18.2	28.7	36.8	46.6
45°	0.0	0.6	0.9	1.1	2.4	6.9	13.0	23.5	36.5	47.6	58.7
42.5°	0.0	0.6	0.9	1.3	2.7	8.7	17.5	29.6	44.3	58.3	72.2
40°	0.0	0.6	1.0	1.6	3.6	10.5	22.0	36.4	52.4	68.8	86.2
37.5°	0.0	0.6	1.0	2.0	5.0	12.4	26.5	43.1	61.2	79.5	100.5
35°	0.0	0.7	1.0	2.4	6.5	15.4	30.9	49.6	70.0	92.4	116.1
32.5°	0.0	0.7	1.1	2.8	8.0	18.9	35.6	56.1	78.8	105.6	133.7
30°	0.0	0.7	1.1	3.2	9.4	22.3	40.8	62.7	87.6	119.0	151.4
27.5°	0.0	0.7	1.2	3.7	11.1	25.6	45.9	69.8	97.3	132.7	169.2
25°	0.0	0.7	1.2	4.2	12.8	28.8	50.8	76.9	108.4	147.3	186.9
22.5°	0.0	0.7	1.3	4.7	14.4	31.9	55.4	83.7	119.5	162.1	204.9
20°	0.0	0.8	1.3	5.3	16.0	34.9	59.9	90.3	130.4	176.5	222.1
17.5°	0.0	0.8	1.4	5.8	17.6	37.8	64.0	96.7	140.9	190.5	238.3
15°	0.0	0.8	1.4	6.3	19.0	40.4	67.8	102.3	151.2	204.0	253.6
12.5°	0.0	0.8	1.5	6.9	20.4	42.9	71.3	107.0	159.7	216.9	268.0
10°	0.0	0.8	1.5	7.4	21.7	45.1	74.5	111.3	166.4	224.6	279.3
7.5°	0.0	0.8	1.6	7.9	22.9	47.2	77.3	115.0	172.4	230.4	285.2
5°	0.0	0.8	1.6	8.3	24.0	49.0	79.7	118.1	177.4	235.0	289.9
2.5°	0.0	0.8	1.7	8.8	25.0	50.6	81.8	120.8	181.6	238.5	293.6
0°	0.0	0.8	1.7	9.2	25.9	51.9	83.6	122.9	184.8	240.9	296.1
-2.5°	0.0	0.9	2.0	9.8	27.1	53.5	85.9	126.5	188.4	244.4	300.0
-5°	0.0	0.9	2.2	10.3	28.1	54.9	87.8	129.4	191.1	246.9	302.8
-7.5°	0.0	1.0	2.4	10.8	29.0	56.0	89.3	131.8	192.7	248.4	304.4
-10°	0.0	1.0	2.7	11.2	29.7	56.8	90.3	133.4	193.5	249.0	304.9
-12.5°	0.0	1.0	2.9	11.6	30.3	57.3	91.0	134.4	193.2	248.6	303.5
-15°	0.0	1.1	3.1	11.9	30.7	57.6	91.1	134.6	191.8	246.5	300.6
-17.5°	0.0	1.1	3.3	12.1	30.8	57.6	90.9	134.3	189.4	243.5	296.5
-20°	0.0	1.2	3.4	12.3	30.8	57.2	90.6	133.7	186.3	239.8	291.3

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CATALOG NUMBER: GFLD-SA3B-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.2	3.6	12.3	30.5	56.6	90.7	132.4	182.6	235.5	285.0
-25°	0.0	1.2	3.7	12.3	30.1	56.4	90.3	130.7	178.4	230.5	277.5
-27.5°	0.0	1.2	3.8	12.2	29.4	56.1	89.4	128.4	173.8	224.7	270.7
-30°	0.0	1.2	3.9	12.1	28.5	55.5	88.1	125.5	169.7	218.1	263.3
-32.5°	0.0	1.2	4.0	11.8	28.2	54.6	86.3	123.2	165.6	211.3	255.4
-35°	0.0	1.2	4.0	11.5	27.6	53.3	84.6	120.6	161.0	204.3	247.0
-37.5°	0.0	1.2	4.0	11.0	26.8	51.9	82.7	117.5	155.9	197.1	237.1
-40°	0.0	1.2	4.0	10.5	25.7	50.6	80.3	113.9	150.2	190.3	226.6
-42.5°	0.0	1.2	4.0	10.0	25.0	49.0	77.5	109.7	145.0	181.5	215.4
-45°	0.0	1.2	3.9	9.6	24.5	47.1	74.2	105.4	139.7	172.1	203.8
-47.5°	0.0	1.2	3.8	9.1	23.7	44.9	70.4	101.0	133.7	162.4	193.0
-50°	0.0	1.1	3.7	8.9	22.7	42.4	67.2	96.0	125.9	153.6	181.9
-52.5°	0.0	1.1	3.5	8.8	21.5	39.5	63.6	90.5	118.0	144.4	170.5
-55°	0.0	1.0	3.4	8.6	20.0	37.2	59.7	84.6	110.0	134.8	159.9
-57.5°	0.0	1.0	3.2	8.2	18.3	34.7	55.4	79.3	101.5	125.1	148.9
-60°	0.0	0.9	3.0	7.8	16.4	31.8	50.8	73.0	92.8	115.0	137.5
-62.5°	0.0	0.9	2.8	7.2	15.2	28.6	46.4	66.0	84.2	104.5	125.8
-65°	0.0	0.8	2.6	6.6	13.9	25.1	41.5	58.7	75.0	93.5	113.6
-67.5°	0.0	0.7	2.4	5.8	12.5	22.0	36.2	51.3	65.4	81.9	100.2
-70°	0.0	0.7	2.2	5.0	10.8	19.3	30.5	43.6	56.2	69.7	85.7
-72.5°	0.0	0.6	1.9	4.4	9.1	16.4	25.9	35.7	46.8	58.6	71.1
-75°	0.0	0.5	1.7	3.9	7.2	13.2	21.3	29.1	37.1	47.3	58.0
-77.5°	0.0	0.4	1.4	3.3	6.0	10.0	16.4	22.9	29.5	36.4	44.6
-80°	0.0	0.4	1.1	2.7	4.8	7.6	11.4	16.5	21.9	27.6	33.6
-82.5°	0.0	0.3	0.9	2.0	3.7	5.8	8.4	11.0	14.2	18.6	23.2
-85°	0.0	0.2	0.6	1.4	2.5	3.9	5.6	7.4	9.4	11.6	14.1
-87.5°	0.0	0.1	0.3	0.7	1.2	1.9	2.8	3.7	4.7	5.8	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



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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°	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6
85°	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
80°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
77.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
72.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
70°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7
67.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.6	0.4
65°	0.8	0.8	1.1	1.2	0.8	0.8	0.8	0.8	0.8	0.7	0.7
62.5°	1.2	1.5	1.8	2.9	2.1	0.8	1.6	1.9	1.3	1.0	1.1
60°	3.6	2.5	6.4	8.9	5.8	3.1	3.8	7.6	6.3	1.7	4.4
57.5°	7.4	9.1	16.2	17.0	13.1	8.9	19.4	21.5	17.8	11.2	16.1
55°	15.4	21.6	27.3	27.0	27.2	34.2	40.2	39.5	34.8	48.0	60.4
52.5°	29.1	35.6	39.4	42.9	52.7	59.2	61.1	64.7	78.4	94.7	97.6
50°	42.8	49.4	54.4	67.1	77.1	82.3	87.0	99.5	120.1	131.3	133.1
47.5°	56.5	64.0	77.1	91.0	100.7	108.5	116.7	145.1	168.1	177.6	181.0
45°	70.9	83.8	100.2	114.5	125.7	136.2	163.1	201.8	218.0	232.6	269.8
42.5°	85.8	105.3	123.7	138.7	151.3	173.3	210.7	248.2	271.4	302.5	347.4
40°	104.9	126.7	148.1	163.3	179.0	212.3	258.7	298.3	322.8	364.6	415.7
37.5°	124.2	149.7	172.8	188.8	211.0	256.0	310.5	358.0	388.4	422.4	504.6
35°	143.4	173.1	196.9	218.4	245.8	307.8	374.9	427.8	465.4	523.6	627.6
32.5°	163.7	197.0	221.3	250.6	295.7	365.0	447.4	506.1	568.5	652.1	818.8
30°	185.4	219.4	247.3	282.6	342.9	423.8	519.5	593.3	677.9	813.8	993.5
27.5°	207.1	241.7	276.1	321.0	387.2	474.6	574.5	690.9	800.3	952.2	1148.6
25°	227.9	264.5	304.3	358.5	430.2	521.6	630.7	765.0	907.7	1081.5	1312.1
22.5°	247.7	287.6	334.2	392.4	466.4	566.3	696.3	854.1	1025.6	1205.6	1470.6
20°	267.2	313.3	366.9	432.0	499.8	607.5	760.5	951.6	1166.5	1413.1	1672.8
17.5°	286.4	338.8	400.6	473.0	555.1	665.3	826.4	1053.8	1315.4	1636.3	1956.1
15°	305.3	363.8	433.2	513.5	610.9	742.6	925.6	1175.6	1491.6	1875.9	2254.7
12.5°	323.5	388.0	464.5	553.0	665.0	815.4	1019.1	1288.8	1650.9	2110.0	2575.4
10°	341.1	411.2	494.2	591.2	716.8	883.2	1101.8	1386.7	1771.1	2244.2	2761.8
7.5°	350.0	426.9	519.5	627.5	765.8	945.4	1173.7	1469.5	1865.0	2352.2	2871.1
5°	356.3	434.1	529.1	642.0	792.6	987.7	1228.8	1537.1	1934.2	2433.4	2945.1
2.5°	361.2	439.2	536.0	650.1	803.2	1001.8	1246.9	1560.8	1971.3	2475.7	2988.3
0°	364.6	442.4	540.3	654.8	808.7	1008.6	1255.3	1570.6	1987.1	2485.5	3004.0
-2.5°	368.2	446.7	544.8	662.1	816.4	1017.9	1264.5	1577.5	1998.9	2488.2	3012.5
-5°	370.3	449.0	546.5	665.6	818.9	1019.6	1263.8	1570.9	1989.5	2468.6	2994.1
-7.5°	370.9	449.3	545.5	664.9	815.7	1011.7	1250.5	1551.3	1957.0	2429.1	2948.8
-10°	370.0	447.3	541.9	658.8	806.5	995.3	1226.6	1517.4	1903.7	2363.9	2872.4
-12.5°	367.3	443.2	535.5	649.0	791.7	971.9	1192.9	1468.9	1829.7	2273.2	2764.7
-15°	362.9	436.9	526.2	635.4	771.3	941.9	1149.7	1406.1	1734.4	2157.9	2630.6
-17.5°	356.9	428.7	514.0	618.0	745.2	905.4	1097.4	1332.4	1631.6	2029.2	2481.6
-20°	349.3	418.4	498.9	596.9	715.2	866.9	1048.9	1267.2	1535.4	1881.9	2305.6

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627082 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-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°	340.0	406.1	482.9	576.7	688.5	827.0	994.6	1193.3	1427.4	1711.6	2113.6
-25°	330.5	394.3	467.4	554.2	658.1	781.7	932.6	1113.6	1325.6	1585.6	1918.0
-27.5°	321.1	380.8	449.5	528.2	624.0	735.0	874.2	1039.2	1228.1	1449.3	1720.0
-30°	310.5	365.7	429.7	501.1	591.3	694.4	814.6	956.1	1124.0	1323.9	1559.2
-32.5°	299.0	349.5	410.5	477.5	556.2	650.1	754.1	882.1	1028.2	1193.0	1396.4
-35°	287.5	335.7	390.9	452.2	518.6	606.5	702.1	808.2	932.6	1078.5	1241.1
-37.5°	276.4	320.6	369.9	427.0	489.3	562.3	646.7	742.5	849.6	965.7	1106.2
-40°	264.1	304.3	350.9	402.6	457.8	521.1	597.2	678.5	770.6	872.8	981.4
-42.5°	250.7	289.3	331.9	376.4	427.0	483.6	546.7	621.1	697.6	783.2	877.9
-45°	237.6	273.1	312.0	352.7	395.2	445.2	502.5	564.4	632.3	702.1	781.7
-47.5°	223.7	256.1	292.4	327.8	365.6	408.2	456.8	513.0	569.6	631.8	693.4
-50°	209.9	240.3	270.8	303.9	337.7	373.1	414.2	462.7	514.2	565.8	620.1
-52.5°	197.5	223.8	251.3	279.7	310.5	342.1	376.3	416.3	461.3	506.7	553.6
-55°	184.8	209.1	231.8	257.3	283.9	312.3	342.9	376.5	410.4	451.8	492.1
-57.5°	172.5	194.0	213.8	235.4	259.1	283.3	310.8	339.3	370.2	401.5	434.5
-60°	160.0	178.3	196.3	215.0	234.9	256.4	278.5	303.6	330.1	357.3	385.8
-62.5°	147.2	162.1	177.9	195.0	212.5	229.0	247.6	268.1	289.9	313.3	337.5
-65°	132.9	145.2	158.4	173.3	189.7	203.1	217.3	232.7	250.7	270.0	289.0
-67.5°	117.6	128.5	139.2	150.3	163.6	175.6	187.3	199.5	213.0	228.7	244.0
-70°	100.5	111.4	120.8	130.1	138.5	147.1	157.0	166.7	177.5	191.6	205.5
-72.5°	83.2	93.3	102.3	110.1	116.1	121.2	127.3	134.3	144.7	157.8	170.0
-75°	67.3	75.5	83.9	91.4	95.2	96.7	98.0	101.7	112.3	125.7	137.5
-77.5°	52.4	59.5	66.4	72.9	75.6	76.7	77.2	77.2	84.9	96.4	108.4
-80°	38.6	43.5	49.4	55.0	56.6	57.1	57.2	56.8	63.1	71.4	80.2
-82.5°	26.8	30.4	34.1	37.9	38.4	38.2	37.6	37.1	42.2	48.1	54.2
-85°	15.6	17.1	19.4	21.7	22.0	21.9	21.5	20.8	23.7	26.9	30.3
-87.5°	7.8	8.6	9.3	10.1	9.8	9.4	8.9	8.3	9.1	9.9	10.8
-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: P627082 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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°	0.7	0.5	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.8	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.8	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.8	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.8	0.7	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.8	0.7	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.8	0.7	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.4	0.4	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.8	0.8	0.6	0.4	0.2	0.1	0.2	0.2	0.1	0.0	0.0
62.5°	1.1	1.0	0.7	0.7	0.7	0.8	0.6	0.6	0.5	0.6	0.7
60°	4.7	2.7	2.7	3.5	3.0	1.3	2.7	3.4	3.2	2.4	2.1
57.5°	24.0	20.1	14.0	23.5	24.2	16.9	18.3	23.9	23.2	17.9	17.8
55°	60.5	61.3	65.8	71.8	76.2	78.3	80.1	89.0	98.6	108.0	112.8
52.5°	99.9	111.6	126.1	135.8	142.5	156.2	175.5	184.3	193.0	202.8	209.8
50°	147.1	167.4	182.0	184.1	207.0	221.9	225.5	242.1	260.2	271.4	279.5
47.5°	218.9	244.6	257.3	265.4	293.3	323.9	323.9	333.5	378.7	402.4	413.8
45°	315.3	336.7	359.2	417.6	471.4	488.4	524.8	574.2	606.4	650.6	699.2
42.5°	397.3	437.6	493.9	558.3	612.1	656.9	711.1	770.6	841.9	909.0	966.8
40°	478.6	528.4	598.1	668.1	735.9	798.0	885.4	961.8	1045.9	1138.2	1215.2
37.5°	584.6	648.3	720.4	808.6	914.2	983.1	1103.3	1213.0	1307.9	1419.4	1488.0
35°	747.4	830.4	894.2	1072.7	1201.0	1281.7	1423.9	1604.3	1673.6	1814.0	1880.6
32.5°	952.0	1062.4	1230.4	1466.7	1638.1	1786.6	1999.2	2182.2	2338.3	2479.3	2625.9
30°	1182.0	1352.3	1600.0	1913.9	2088.0	2295.9	2583.5	2800.5	3045.3	3313.9	3407.9
27.5°	1390.7	1645.8	1933.4	2187.6	2437.7	2696.7	2979.3	3258.1	3522.9	3746.4	3896.4
25°	1584.1	1893.1	2172.6	2444.2	2715.2	3007.0	3326.5	3642.7	3934.1	4164.2	4339.0
22.5°	1783.6	2110.1	2409.0	2684.7	2999.9	3330.5	3670.3	4033.0	4364.7	4603.3	4793.8
20°	1971.2	2334.3	2675.2	2989.1	3287.1	3668.7	4060.1	4444.8	4806.0	5090.2	5309.8
17.5°	2269.0	2584.1	3000.8	3408.6	3744.3	4094.8	4617.8	5014.9	5415.7	5756.0	5988.9
15°	2634.6	2981.2	3411.5	3971.5	4431.5	4833.1	5373.3	6019.3	6492.1	6926.6	7224.7
12.5°	3000.6	3392.6	3858.0	4488.2	5143.1	5616.2	6271.6	7090.2	7640.8	8313.6	8645.2
10°	3281.1	3773.3	4252.6	4827.7	5456.7	6130.3	6836.9	7602.7	8338.4	8916.1	9432.5
7.5°	3394.0	3918.3	4473.2	5059.9	5688.9	6384.1	7137.1	7934.0	8691.3	9336.4	9903.9
5°	3478.4	4015.6	4574.1	5174.1	5846.4	6572.5	7336.8	8173.4	8946.7	9638.2	10218.8
2.5°	3532.0	4074.3	4630.4	5240.4	5947.5	6695.1	7483.9	8342.8	9127.7	9839.6	10418.3
0°	3552.6	4087.0	4656.5	5284.6	5984.6	6733.9	7556.8	8425.7	9216.9	9905.1	10500.6
-2.5°	3555.4	4075.1	4658.2	5283.2	5953.0	6709.4	7542.2	8403.8	9178.9	9864.4	10465.2
-5°	3527.5	4047.0	4630.6	5246.1	5916.9	6667.5	7464.6	8297.3	9036.5	9703.6	10282.0
-7.5°	3470.9	3989.0	4559.7	5161.1	5813.7	6541.9	7307.5	8081.6	8806.7	9446.6	9998.6
-10°	3387.0	3894.2	4445.1	5031.1	5648.6	6341.2	7071.2	7810.9	8490.9	9082.6	9593.1
-12.5°	3273.3	3768.8	4294.9	4854.3	5429.1	6089.4	6778.7	7473.3	8093.1	8633.3	9091.3
-15°	3125.6	3609.6	4119.0	4648.1	5205.5	5802.6	6421.2	7058.3	7630.0	8109.0	8527.4
-17.5°	2951.8	3421.1	3904.9	4395.4	4924.2	5484.5	6058.7	6630.6	7118.2	7543.7	7926.3
-20°	2757.9	3210.1	3669.6	4126.9	4606.7	5124.8	5655.2	6157.5	6583.6	6970.3	7320.4

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Scaled Data Report



REPORT NUMBER: P627082 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-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°	2540.5	2973.3	3413.8	3841.7	4274.4	4743.5	5217.1	5671.5	6070.0	6400.8	6705.0
-25°	2307.8	2707.7	3123.6	3524.8	3923.1	4343.5	4773.7	5191.7	5542.4	5829.7	6081.0
-27.5°	2073.3	2438.7	2805.2	3182.9	3551.0	3939.0	4328.4	4689.4	5004.4	5268.8	5480.1
-30°	1826.8	2153.5	2488.2	2829.9	3181.4	3536.4	3888.4	4204.5	4479.3	4712.0	4894.5
-32.5°	1621.9	1870.1	2165.6	2475.8	2805.3	3128.8	3434.9	3723.0	3982.1	4185.2	4340.0
-35°	1425.6	1635.8	1857.1	2131.7	2414.7	2712.4	2994.0	3251.1	3482.1	3659.5	3805.2
-37.5°	1256.8	1423.1	1610.2	1806.2	2043.5	2289.6	2543.8	2785.6	2991.5	3146.3	3276.4
-40°	1110.7	1241.9	1391.5	1546.9	1721.5	1898.3	2119.6	2323.7	2491.8	2636.5	2754.3
-42.5°	978.7	1089.4	1199.8	1327.3	1459.0	1601.1	1756.5	1907.4	2036.4	2157.5	2257.6
-45°	864.6	953.1	1041.1	1139.6	1236.3	1351.9	1462.8	1561.9	1666.3	1757.0	1828.4
-47.5°	764.9	833.9	909.4	983.0	1060.7	1147.8	1230.3	1305.7	1382.2	1448.6	1501.7
-50°	676.4	733.5	795.2	853.0	915.9	979.5	1040.6	1100.5	1158.6	1209.1	1248.4
-52.5°	598.8	648.8	696.8	742.9	792.9	840.0	884.2	933.6	979.1	1018.8	1045.7
-55°	532.8	573.6	612.9	651.4	689.2	724.9	760.1	798.5	833.7	865.2	885.2
-57.5°	470.8	505.5	538.8	570.2	600.2	628.6	658.3	687.8	714.9	738.7	754.2
-60°	414.4	442.8	471.6	497.2	521.4	544.0	569.0	592.7	614.5	632.8	643.5
-62.5°	362.7	388.1	409.4	429.7	450.3	470.7	488.4	505.9	522.7	536.9	546.3
-65°	308.6	330.2	348.3	364.6	379.3	395.1	410.3	424.0	436.1	445.4	451.3
-67.5°	260.3	276.2	290.7	303.6	316.7	329.4	341.1	351.5	360.6	367.1	371.3
-70°	218.3	230.4	242.3	254.1	265.8	275.7	284.1	291.9	298.9	301.9	303.2
-72.5°	181.4	192.2	202.6	213.0	222.7	230.5	236.7	242.4	247.5	243.1	235.3
-75°	147.9	157.4	167.1	176.3	184.9	190.8	195.4	199.7	203.5	194.0	180.8
-77.5°	120.6	128.9	136.1	143.2	150.3	154.1	157.0	159.9	162.6	152.0	138.5
-80°	89.4	96.1	102.3	108.3	114.2	116.4	117.7	118.6	119.1	110.0	99.4
-82.5°	60.4	63.9	67.3	70.8	74.4	76.3	77.7	78.7	79.5	73.0	65.7
-85°	33.9	34.9	35.8	36.5	37.0	38.2	39.3	40.4	41.3	38.2	34.8
-87.5°	11.6	11.6	11.6	11.5	11.3	11.4	11.4	11.4	11.3	10.8	10.3
-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: P627082 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
62.5°	0.7	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.6	0.5	0.6
60°	1.6	1.0	0.8	0.8	0.8	1.0	1.6	2.1	2.4	3.2	3.4
57.5°	16.6	14.5	13.0	11.7	13.0	14.5	16.6	17.8	17.9	23.2	23.9
55°	110.8	103.2	93.8	82.8	93.8	103.2	110.8	112.8	108.0	98.6	89.0
52.5°	217.3	224.5	228.7	228.3	228.7	224.5	217.3	209.8	202.8	193.0	184.3
50°	286.0	289.9	290.1	286.9	290.1	289.9	286.0	279.5	271.4	260.2	242.1
47.5°	419.0	413.5	404.1	393.9	404.1	413.5	419.0	413.8	402.4	378.7	333.5
45°	731.1	748.7	747.6	725.1	747.6	748.7	731.1	699.2	650.6	606.4	574.2
42.5°	999.2	1025.6	1044.2	1053.7	1044.2	1025.6	999.2	966.8	909.0	841.9	770.6
40°	1258.5	1284.0	1295.2	1294.6	1295.2	1284.0	1258.5	1215.2	1138.2	1045.9	961.8
37.5°	1532.6	1565.6	1581.6	1573.9	1581.6	1565.6	1532.6	1488.0	1419.4	1307.9	1213.0
35°	1909.4	1940.3	1940.9	1925.2	1940.9	1940.3	1909.4	1880.6	1814.0	1673.6	1604.3
32.5°	2742.3	2752.7	2673.3	2645.2	2673.3	2752.7	2742.3	2625.9	2479.3	2338.3	2182.2
30°	3501.6	3574.8	3642.8	3677.2	3642.8	3574.8	3501.6	3407.9	3313.9	3045.3	2800.5
27.5°	4009.5	4097.5	4152.1	4155.6	4152.1	4097.5	4009.5	3896.4	3746.4	3522.9	3258.1
25°	4471.5	4570.0	4629.5	4649.8	4629.5	4570.0	4471.5	4339.0	4164.2	3934.1	3642.7
22.5°	4955.5	5071.5	5148.4	5164.2	5148.4	5071.5	4955.5	4793.8	4603.3	4364.7	4033.0
20°	5517.0	5652.1	5725.8	5722.8	5725.8	5652.1	5517.0	5309.8	5090.2	4806.0	4444.8
17.5°	6256.3	6401.2	6464.8	6437.0	6464.8	6401.2	6256.3	5988.9	5756.0	5415.7	5014.9
15°	7530.6	7833.7	7832.5	7711.5	7832.5	7833.7	7530.6	7224.7	6926.6	6492.1	6019.3
12.5°	9102.5	9328.4	9560.1	9609.9	9560.1	9328.4	9102.5	8645.2	8313.6	7640.8	7090.2
10°	9867.4	10167.4	10365.3	10360.1	10365.3	10167.4	9867.4	9432.5	8916.1	8338.4	7602.7
7.5°	10346.0	10677.3	10917.2	10912.0	10917.2	10677.3	10346.0	9903.9	9336.4	8691.3	7934.0
5°	10715.2	11082.8	11295.2	11311.0	11295.2	11082.8	10715.2	10218.8	9638.2	8946.7	8173.4
2.5°	10907.1	11290.7	11546.2	11512.5	11546.2	11290.7	10907.1	10418.3	9839.6	9127.7	8342.8
0°	10987.3	11367.0	11605.3	11708.2	11605.3	11367.0	10987.3	10500.6	9905.1	9216.9	8425.7
-2.5°	10952.3	11321.7	11585.2	11595.3	11585.2	11321.7	10952.3	10465.2	9864.4	9178.9	8403.8
-5°	10764.7	11154.5	11330.9	11424.7	11330.9	11154.5	10764.7	10282.0	9703.6	9036.5	8297.3
-7.5°	10462.0	10754.1	10978.3	11081.8	10978.3	10754.1	10462.0	9998.6	9446.6	8806.7	8081.6
-10°	9991.0	10293.4	10482.9	10568.3	10482.9	10293.4	9991.0	9593.1	9082.6	8490.9	7810.9
-12.5°	9469.2	9744.1	9924.2	9996.3	9924.2	9744.1	9469.2	9091.3	8633.3	8093.1	7473.3
-15°	8887.1	9136.7	9302.5	9371.6	9302.5	9136.7	8887.1	8527.4	8109.0	7630.0	7058.3
-17.5°	8246.3	8465.0	8630.1	8680.0	8630.1	8465.0	8246.3	7926.3	7543.7	7118.2	6630.6
-20°	7587.3	7785.0	7921.1	7950.7	7921.1	7785.0	7587.3	7320.4	6970.3	6583.6	6157.5



REPORT NUMBER: P627082 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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°	6923.4	7086.3	7196.8	7234.0	7196.8	7086.3	6923.4	6705.0	6400.8	6070.0	5671.5
-25°	6274.6	6415.1	6504.1	6537.4	6504.1	6415.1	6274.6	6081.0	5829.7	5542.4	5191.7
-27.5°	5650.5	5781.6	5863.2	5874.2	5863.2	5781.6	5650.5	5480.1	5268.8	5004.4	4689.4
-30°	5036.5	5144.7	5207.7	5234.4	5207.7	5144.7	5036.5	4894.5	4712.0	4479.3	4204.5
-32.5°	4462.7	4557.2	4613.8	4628.9	4613.8	4557.2	4462.7	4340.0	4185.2	3982.1	3723.0
-35°	3921.0	4008.2	4058.4	4054.4	4058.4	4008.2	3921.0	3805.2	3659.5	3482.1	3251.1
-37.5°	3383.9	3464.5	3510.0	3505.8	3510.0	3464.5	3383.9	3276.4	3146.3	2991.5	2785.6
-40°	2851.2	2920.8	2960.9	2970.5	2960.9	2920.8	2851.2	2754.3	2636.5	2491.8	2323.7
-42.5°	2340.9	2405.0	2437.1	2424.4	2437.1	2405.0	2340.9	2257.6	2157.5	2036.4	1907.4
-45°	1878.3	1911.4	1933.3	1946.9	1933.3	1911.4	1878.3	1828.4	1757.0	1666.3	1561.9
-47.5°	1540.7	1568.2	1583.0	1585.6	1583.0	1568.2	1540.7	1501.7	1448.6	1382.2	1305.7
-50°	1278.9	1302.3	1312.6	1309.6	1312.6	1302.3	1278.9	1248.4	1209.1	1158.6	1100.5
-52.5°	1065.0	1078.6	1087.8	1092.2	1087.8	1078.6	1065.0	1045.7	1018.8	979.1	933.6
-55°	900.3	910.8	917.0	919.1	917.0	910.8	900.3	885.2	865.2	833.7	798.5
-57.5°	767.0	777.1	780.7	779.4	780.7	777.1	767.0	754.2	738.7	714.9	687.8
-60°	651.8	657.6	661.8	664.0	661.8	657.6	651.8	643.5	632.8	614.5	592.7
-62.5°	553.7	559.1	563.6	566.2	563.6	559.1	553.7	546.3	536.9	522.7	505.9
-65°	455.4	457.8	458.5	457.5	458.5	457.8	455.4	451.3	445.4	436.1	424.0
-67.5°	374.4	376.4	377.8	378.0	377.8	376.4	374.4	371.3	367.1	360.6	351.5
-70°	304.4	305.3	304.3	301.9	304.3	305.3	304.4	303.2	301.9	298.9	291.9
-72.5°	227.4	219.0	210.7	201.5	210.7	219.0	227.4	235.3	243.1	247.5	242.4
-75°	167.1	153.0	147.9	143.0	147.9	153.0	167.1	180.8	194.0	203.5	199.7
-77.5°	124.4	109.7	105.7	102.0	105.7	109.7	124.4	138.5	152.0	162.6	159.9
-80°	88.3	76.9	74.3	71.9	74.3	76.9	88.3	99.4	110.0	119.1	118.6
-82.5°	58.1	50.1	48.5	46.8	48.5	50.1	58.1	65.7	73.0	79.5	78.7
-85°	31.2	27.5	26.7	25.9	26.7	27.5	31.2	34.8	38.2	41.3	40.4
-87.5°	9.7	9.2	9.2	9.2	9.2	9.2	9.7	10.3	10.8	11.3	11.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627082 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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	0.5	0.7	0.6	0.6	0.6	0.6
85°	0.0	0.0	0.0	0.2	0.4	0.6	0.8	0.8	0.8	0.8	0.8
82.5°	0.0	0.0	0.0	0.2	0.4	0.6	0.8	0.8	0.8	0.8	0.8
80°	0.0	0.0	0.0	0.2	0.4	0.6	0.8	0.8	0.8	0.8	0.8
77.5°	0.0	0.0	0.0	0.2	0.4	0.7	0.8	0.8	0.8	0.8	0.8
75°	0.0	0.0	0.1	0.3	0.5	0.7	0.8	0.8	0.8	0.8	0.8
72.5°	0.0	0.0	0.1	0.2	0.5	0.7	0.8	0.8	0.8	0.8	0.8
70°	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.7	0.8	0.8	0.8
67.5°	0.0	0.0	0.1	0.3	0.4	0.4	0.4	0.4	0.6	0.8	0.8
65°	0.2	0.1	0.2	0.4	0.6	0.8	0.8	0.7	0.7	0.8	0.8
62.5°	0.6	0.8	0.7	0.7	0.7	1.0	1.1	1.1	1.0	1.3	1.9
60°	2.7	1.3	3.0	3.5	2.7	2.7	4.7	4.4	1.7	6.3	7.6
57.5°	18.3	16.9	24.2	23.5	14.0	20.1	24.0	16.1	11.2	17.8	21.5
55°	80.1	78.3	76.2	71.8	65.8	61.3	60.5	60.4	48.0	34.8	39.5
52.5°	175.5	156.2	142.5	135.8	126.1	111.6	99.9	97.6	94.7	78.4	64.7
50°	225.5	221.9	207.0	184.1	182.0	167.4	147.1	133.1	131.3	120.1	99.5
47.5°	323.9	323.9	293.3	265.4	257.3	244.6	218.9	181.0	177.6	168.1	145.1
45°	524.8	488.4	471.4	417.6	359.2	336.7	315.3	269.8	232.6	218.0	201.8
42.5°	711.1	656.9	612.1	558.3	493.9	437.6	397.3	347.4	302.5	271.4	248.2
40°	885.4	798.0	735.9	668.1	598.1	528.4	478.6	415.7	364.6	322.8	298.3
37.5°	1103.3	983.1	914.2	808.6	720.4	648.3	584.6	504.6	422.4	388.4	358.0
35°	1423.9	1281.7	1201.0	1072.7	894.2	830.4	747.4	627.6	523.6	465.4	427.8
32.5°	1999.2	1786.6	1638.1	1466.7	1230.4	1062.4	952.0	818.8	652.1	568.5	506.1
30°	2583.5	2295.9	2088.0	1913.9	1600.0	1352.3	1182.0	993.5	813.8	677.9	593.3
27.5°	2979.3	2696.7	2437.7	2187.6	1933.4	1645.8	1390.7	1148.6	952.2	800.3	690.9
25°	3326.5	3007.0	2715.2	2444.2	2172.6	1893.1	1584.1	1312.1	1081.5	907.7	765.0
22.5°	3670.3	3330.5	2999.9	2684.7	2409.0	2110.1	1783.6	1470.6	1205.6	1025.6	854.1
20°	4060.1	3668.7	3287.1	2989.1	2675.2	2334.3	1971.2	1672.8	1413.1	1166.5	951.6
17.5°	4617.8	4094.8	3744.3	3408.6	3000.8	2584.1	2269.0	1956.1	1636.3	1315.4	1053.8
15°	5373.3	4833.1	4431.5	3971.5	3411.5	2981.2	2634.6	2254.7	1875.9	1491.6	1175.6
12.5°	6271.6	5616.2	5143.1	4488.2	3858.0	3392.6	3000.6	2575.4	2110.0	1650.9	1288.8
10°	6836.9	6130.3	5456.7	4827.7	4252.6	3773.3	3281.1	2761.8	2244.2	1771.1	1386.7
7.5°	7137.1	6384.1	5688.9	5059.9	4473.2	3918.3	3394.0	2871.1	2352.2	1865.0	1469.5
5°	7336.8	6572.5	5846.4	5174.1	4574.1	4015.6	3478.4	2945.1	2433.4	1934.2	1537.1
2.5°	7483.9	6695.1	5947.5	5240.4	4630.4	4074.3	3532.0	2988.3	2475.7	1971.3	1560.8
0°	7556.8	6733.9	5984.6	5284.6	4656.5	4087.0	3552.6	3004.0	2485.5	1987.1	1570.6
-2.5°	7542.2	6709.4	5953.0	5283.2	4658.2	4075.1	3555.4	3012.5	2488.2	1998.9	1577.5
-5°	7464.6	6667.5	5916.9	5246.1	4630.6	4047.0	3527.5	2994.1	2468.6	1989.5	1570.9
-7.5°	7307.5	6541.9	5813.7	5161.1	4559.7	3989.0	3470.9	2948.8	2429.1	1957.0	1551.3
-10°	7071.2	6341.2	5648.6	5031.1	4445.1	3894.2	3387.0	2872.4	2363.9	1903.7	1517.4
-12.5°	6778.7	6089.4	5429.1	4854.3	4294.9	3768.8	3273.3	2764.7	2273.2	1829.7	1468.9
-15°	6421.2	5802.6	5205.5	4648.1	4119.0	3609.6	3125.6	2630.6	2157.9	1734.4	1406.1
-17.5°	6058.7	5484.5	4924.2	4395.4	3904.9	3421.1	2951.8	2481.6	2029.2	1631.6	1332.4
-20°	5655.2	5124.8	4606.7	4126.9	3669.6	3210.1	2757.9	2305.6	1881.9	1535.4	1267.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627082 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-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°	5217.1	4743.5	4274.4	3841.7	3413.8	2973.3	2540.5	2113.6	1711.6	1427.4	1193.3
-25°	4773.7	4343.5	3923.1	3524.8	3123.6	2707.7	2307.8	1918.0	1585.6	1325.6	1113.6
-27.5°	4328.4	3939.0	3551.0	3182.9	2805.2	2438.7	2073.3	1720.0	1449.3	1228.1	1039.2
-30°	3888.4	3536.4	3181.4	2829.9	2488.2	2153.5	1826.8	1559.2	1323.9	1124.0	956.1
-32.5°	3434.9	3128.8	2805.3	2475.8	2165.6	1870.1	1621.9	1396.4	1193.0	1028.2	882.1
-35°	2994.0	2712.4	2414.7	2131.7	1857.1	1635.8	1425.6	1241.1	1078.5	932.6	808.2
-37.5°	2543.8	2289.6	2043.5	1806.2	1610.2	1423.1	1256.8	1106.2	965.7	849.6	742.5
-40°	2119.6	1898.3	1721.5	1546.9	1391.5	1241.9	1110.7	981.4	872.8	770.6	678.5
-42.5°	1756.5	1601.1	1459.0	1327.3	1199.8	1089.4	978.7	877.9	783.2	697.6	621.1
-45°	1462.8	1351.9	1236.3	1139.6	1041.1	953.1	864.6	781.7	702.1	632.3	564.4
-47.5°	1230.3	1147.8	1060.7	983.0	909.4	833.9	764.9	693.4	631.8	569.6	513.0
-50°	1040.6	979.5	915.9	853.0	795.2	733.5	676.4	620.1	565.8	514.2	462.7
-52.5°	884.2	840.0	792.9	742.9	696.8	648.8	598.8	553.6	506.7	461.3	416.3
-55°	760.1	724.9	689.2	651.4	612.9	573.6	532.8	492.1	451.8	410.4	376.5
-57.5°	658.3	628.6	600.2	570.2	538.8	505.5	470.8	434.5	401.5	370.2	339.3
-60°	569.0	544.0	521.4	497.2	471.6	442.8	414.4	385.8	357.3	330.1	303.6
-62.5°	488.4	470.7	450.3	429.7	409.4	388.1	362.7	337.5	313.3	289.9	268.1
-65°	410.3	395.1	379.3	364.6	348.3	330.2	308.6	289.0	270.0	250.7	232.7
-67.5°	341.1	329.4	316.7	303.6	290.7	276.2	260.3	244.0	228.7	213.0	199.5
-70°	284.1	275.7	265.8	254.1	242.3	230.4	218.3	205.5	191.6	177.5	166.7
-72.5°	236.7	230.5	222.7	213.0	202.6	192.2	181.4	170.0	157.8	144.7	134.3
-75°	195.4	190.8	184.9	176.3	167.1	157.4	147.9	137.5	125.7	112.3	101.7
-77.5°	157.0	154.1	150.3	143.2	136.1	128.9	120.6	108.4	96.4	84.9	77.2
-80°	117.7	116.4	114.2	108.3	102.3	96.1	89.4	80.2	71.4	63.1	56.8
-82.5°	77.7	76.3	74.4	70.8	67.3	63.9	60.4	54.2	48.1	42.2	37.1
-85°	39.3	38.2	37.0	36.5	35.8	34.9	33.9	30.3	26.9	23.7	20.8
-87.5°	11.4	11.4	11.3	11.5	11.6	11.6	11.6	10.8	9.9	9.1	8.3
-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: P627082 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.2
85°	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.6	0.5	0.5
82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7
80°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
77.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
72.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
70°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
67.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.0	1.1	0.8	0.8
65°	0.8	0.8	0.8	1.2	1.1	0.8	0.8	1.6	1.3	1.2	0.8
62.5°	1.6	0.8	2.1	2.9	1.8	1.5	1.2	3.5	2.2	1.6	1.1
60°	3.8	3.1	5.8	8.9	6.4	2.5	3.6	6.0	5.5	2.0	1.6
57.5°	19.4	8.9	13.1	17.0	16.2	9.1	7.4	10.2	9.3	5.4	2.1
55°	40.2	34.2	27.2	27.0	27.3	21.6	15.4	15.9	14.1	10.0	3.2
52.5°	61.1	59.2	52.7	42.9	39.4	35.6	29.1	22.5	20.9	14.9	7.9
50°	87.0	82.3	77.1	67.1	54.4	49.4	42.8	34.4	28.4	20.9	13.0
47.5°	116.7	108.5	100.7	91.0	77.1	64.0	56.5	46.6	36.8	28.7	18.2
45°	163.1	136.2	125.7	114.5	100.2	83.8	70.9	58.7	47.6	36.5	23.5
42.5°	210.7	173.3	151.3	138.7	123.7	105.3	85.8	72.2	58.3	44.3	29.6
40°	258.7	212.3	179.0	163.3	148.1	126.7	104.9	86.2	68.8	52.4	36.4
37.5°	310.5	256.0	211.0	188.8	172.8	149.7	124.2	100.5	79.5	61.2	43.1
35°	374.9	307.8	245.8	218.4	196.9	173.1	143.4	116.1	92.4	70.0	49.6
32.5°	447.4	365.0	295.7	250.6	221.3	197.0	163.7	133.7	105.6	78.8	56.1
30°	519.5	423.8	342.9	282.6	247.3	219.4	185.4	151.4	119.0	87.6	62.7
27.5°	574.5	474.6	387.2	321.0	276.1	241.7	207.1	169.2	132.7	97.3	69.8
25°	630.7	521.6	430.2	358.5	304.3	264.5	227.9	186.9	147.3	108.4	76.9
22.5°	696.3	566.3	466.4	392.4	334.2	287.6	247.7	204.9	162.1	119.5	83.7
20°	760.5	607.5	499.8	432.0	366.9	313.3	267.2	222.1	176.5	130.4	90.3
17.5°	826.4	665.3	555.1	473.0	400.6	338.8	286.4	238.3	190.5	140.9	96.7
15°	925.6	742.6	610.9	513.5	433.2	363.8	305.3	253.6	204.0	151.2	102.3
12.5°	1019.1	815.4	665.0	553.0	464.5	388.0	323.5	268.0	216.9	159.7	107.0
10°	1101.8	883.2	716.8	591.2	494.2	411.2	341.1	279.3	224.6	166.4	111.3
7.5°	1173.7	945.4	765.8	627.5	519.5	426.9	350.0	285.2	230.4	172.4	115.0
5°	1228.8	987.7	792.6	642.0	529.1	434.1	356.3	289.9	235.0	177.4	118.1
2.5°	1246.9	1001.8	803.2	650.1	536.0	439.2	361.2	293.6	238.5	181.6	120.8
0°	1255.3	1008.6	808.7	654.8	540.3	442.4	364.6	296.1	240.9	184.8	122.9
-2.5°	1264.5	1017.9	816.4	662.1	544.8	446.7	368.2	300.0	244.4	188.4	126.5
-5°	1263.8	1019.6	818.9	665.6	546.5	449.0	370.3	302.8	246.9	191.1	129.4
-7.5°	1250.5	1011.7	815.7	664.9	545.5	449.3	370.9	304.4	248.4	192.7	131.8
-10°	1226.6	995.3	806.5	658.8	541.9	447.3	370.0	304.9	249.0	193.5	133.4
-12.5°	1192.9	971.9	791.7	649.0	535.5	443.2	367.3	303.5	248.6	193.2	134.4
-15°	1149.7	941.9	771.3	635.4	526.2	436.9	362.9	300.6	246.5	191.8	134.6
-17.5°	1097.4	905.4	745.2	618.0	514.0	428.7	356.9	296.5	243.5	189.4	134.3
-20°	1048.9	866.9	715.2	596.9	498.9	418.4	349.3	291.3	239.8	186.3	133.7

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA3B-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°	994.6	827.0	688.5	576.7	482.9	406.1	340.0	285.0	235.5	182.6	132.4
-25°	932.6	781.7	658.1	554.2	467.4	394.3	330.5	277.5	230.5	178.4	130.7
-27.5°	874.2	735.0	624.0	528.2	449.5	380.8	321.1	270.7	224.7	173.8	128.4
-30°	814.6	694.4	591.3	501.1	429.7	365.7	310.5	263.3	218.1	169.7	125.5
-32.5°	754.1	650.1	556.2	477.5	410.5	349.5	299.0	255.4	211.3	165.6	123.2
-35°	702.1	606.5	518.6	452.2	390.9	335.7	287.5	247.0	204.3	161.0	120.6
-37.5°	646.7	562.3	489.3	427.0	369.9	320.6	276.4	237.1	197.1	155.9	117.5
-40°	597.2	521.1	457.8	402.6	350.9	304.3	264.1	226.6	190.3	150.2	113.9
-42.5°	546.7	483.6	427.0	376.4	331.9	289.3	250.7	215.4	181.5	145.0	109.7
-45°	502.5	445.2	395.2	352.7	312.0	273.1	237.6	203.8	172.1	139.7	105.4
-47.5°	456.8	408.2	365.6	327.8	292.4	256.1	223.7	193.0	162.4	133.7	101.0
-50°	414.2	373.1	337.7	303.9	270.8	240.3	209.9	181.9	153.6	125.9	96.0
-52.5°	376.3	342.1	310.5	279.7	251.3	223.8	197.5	170.5	144.4	118.0	90.5
-55°	342.9	312.3	283.9	257.3	231.8	209.1	184.8	159.9	134.8	110.0	84.6
-57.5°	310.8	283.3	259.1	235.4	213.8	194.0	172.5	148.9	125.1	101.5	79.3
-60°	278.5	256.4	234.9	215.0	196.3	178.3	160.0	137.5	115.0	92.8	73.0
-62.5°	247.6	229.0	212.5	195.0	177.9	162.1	147.2	125.8	104.5	84.2	66.0
-65°	217.3	203.1	189.7	173.3	158.4	145.2	132.9	113.6	93.5	75.0	58.7
-67.5°	187.3	175.6	163.6	150.3	139.2	128.5	117.6	100.2	81.9	65.4	51.3
-70°	157.0	147.1	138.5	130.1	120.8	111.4	100.5	85.7	69.7	56.2	43.6
-72.5°	127.3	121.2	116.1	110.1	102.3	93.3	83.2	71.1	58.6	46.8	35.7
-75°	98.0	96.7	95.2	91.4	83.9	75.5	67.3	58.0	47.3	37.1	29.1
-77.5°	77.2	76.7	75.6	72.9	66.4	59.5	52.4	44.6	36.4	29.5	22.9
-80°	57.2	57.1	56.6	55.0	49.4	43.5	38.6	33.6	27.6	21.9	16.5
-82.5°	37.6	38.2	38.4	37.9	34.1	30.4	26.8	23.2	18.6	14.2	11.0
-85°	21.5	21.9	22.0	21.7	19.4	17.1	15.6	14.1	11.6	9.4	7.4
-87.5°	8.9	9.4	9.8	10.1	9.3	8.6	7.8	7.1	5.8	4.7	3.7
-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	0.3	0.2	0.1	0.1	0.0
82.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
80°	0.8	0.7	0.6	0.4	0.3	0.1	0.0
77.5°	0.8	0.8	0.7	0.5	0.3	0.2	0.0
75°	0.8	0.8	0.8	0.6	0.4	0.2	0.0
72.5°	0.8	0.8	0.8	0.7	0.5	0.2	0.0
70°	0.8	0.8	0.8	0.8	0.5	0.3	0.0
67.5°	0.9	0.8	0.8	0.8	0.6	0.3	0.0
65°	1.0	0.9	0.8	0.8	0.7	0.3	0.0
62.5°	1.1	1.1	0.8	0.8	0.7	0.4	0.0
60°	1.3	1.3	0.8	0.8	0.8	0.4	0.0
57.5°	2.2	1.5	1.0	0.8	0.8	0.4	0.0
55°	3.4	1.8	1.3	0.8	0.8	0.5	0.0
52.5°	4.8	2.3	1.6	0.8	0.8	0.5	0.0
50°	6.4	3.7	1.8	0.8	0.9	0.5	0.0
47.5°	8.5	5.3	2.1	0.9	0.9	0.5	0.0
45°	13.0	6.9	2.4	1.1	0.9	0.6	0.0
42.5°	17.5	8.7	2.7	1.3	0.9	0.6	0.0
40°	22.0	10.5	3.6	1.6	1.0	0.6	0.0
37.5°	26.5	12.4	5.0	2.0	1.0	0.6	0.0
35°	30.9	15.4	6.5	2.4	1.0	0.7	0.0
32.5°	35.6	18.9	8.0	2.8	1.1	0.7	0.0
30°	40.8	22.3	9.4	3.2	1.1	0.7	0.0
27.5°	45.9	25.6	11.1	3.7	1.2	0.7	0.0
25°	50.8	28.8	12.8	4.2	1.2	0.7	0.0
22.5°	55.4	31.9	14.4	4.7	1.3	0.7	0.0
20°	59.9	34.9	16.0	5.3	1.3	0.8	0.0
17.5°	64.0	37.8	17.6	5.8	1.4	0.8	0.0
15°	67.8	40.4	19.0	6.3	1.4	0.8	0.0
12.5°	71.3	42.9	20.4	6.9	1.5	0.8	0.0
10°	74.5	45.1	21.7	7.4	1.5	0.8	0.0
7.5°	77.3	47.2	22.9	7.9	1.6	0.8	0.0
5°	79.7	49.0	24.0	8.3	1.6	0.8	0.0
2.5°	81.8	50.6	25.0	8.8	1.7	0.8	0.0
0°	83.6	51.9	25.9	9.2	1.7	0.8	0.0
-2.5°	85.9	53.5	27.1	9.8	2.0	0.9	0.0
-5°	87.8	54.9	28.1	10.3	2.2	0.9	0.0
-7.5°	89.3	56.0	29.0	10.8	2.4	1.0	0.0
-10°	90.3	56.8	29.7	11.2	2.7	1.0	0.0
-12.5°	91.0	57.3	30.3	11.6	2.9	1.0	0.0
-15°	91.1	57.6	30.7	11.9	3.1	1.1	0.0
-17.5°	90.9	57.6	30.8	12.1	3.3	1.1	0.0
-20°	90.6	57.2	30.8	12.3	3.4	1.2	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	90.7	56.6	30.5	12.3	3.6	1.2	0.0
-25°	90.3	56.4	30.1	12.3	3.7	1.2	0.0
-27.5°	89.4	56.1	29.4	12.2	3.8	1.2	0.0
-30°	88.1	55.5	28.5	12.1	3.9	1.2	0.0
-32.5°	86.3	54.6	28.2	11.8	4.0	1.2	0.0
-35°	84.6	53.3	27.6	11.5	4.0	1.2	0.0
-37.5°	82.7	51.9	26.8	11.0	4.0	1.2	0.0
-40°	80.3	50.6	25.7	10.5	4.0	1.2	0.0
-42.5°	77.5	49.0	25.0	10.0	4.0	1.2	0.0
-45°	74.2	47.1	24.5	9.6	3.9	1.2	0.0
-47.5°	70.4	44.9	23.7	9.1	3.8	1.2	0.0
-50°	67.2	42.4	22.7	8.9	3.7	1.1	0.0
-52.5°	63.6	39.5	21.5	8.8	3.5	1.1	0.0
-55°	59.7	37.2	20.0	8.6	3.4	1.0	0.0
-57.5°	55.4	34.7	18.3	8.2	3.2	1.0	0.0
-60°	50.8	31.8	16.4	7.8	3.0	0.9	0.0
-62.5°	46.4	28.6	15.2	7.2	2.8	0.9	0.0
-65°	41.5	25.1	13.9	6.6	2.6	0.8	0.0
-67.5°	36.2	22.0	12.5	5.8	2.4	0.7	0.0
-70°	30.5	19.3	10.8	5.0	2.2	0.7	0.0
-72.5°	25.9	16.4	9.1	4.4	1.9	0.6	0.0
-75°	21.3	13.2	7.2	3.9	1.7	0.5	0.0
-77.5°	16.4	10.0	6.0	3.3	1.4	0.4	0.0
-80°	11.4	7.6	4.8	2.7	1.1	0.4	0.0
-82.5°	8.4	5.8	3.7	2.0	0.9	0.3	0.0
-85°	5.6	3.9	2.5	1.4	0.6	0.2	0.0
-87.5°	2.8	1.9	1.2	0.7	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)