

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: P627022 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2E-727-U-WR-VSR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627022 (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-SA2E-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: 10695.7 lumens
Efficiency: N/A
Efficacy: 85.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 12123.6 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 50.9°H x 47.1°V
Beam Lumens: 5149.5 lumens
Beam Efficiency: 48.1%

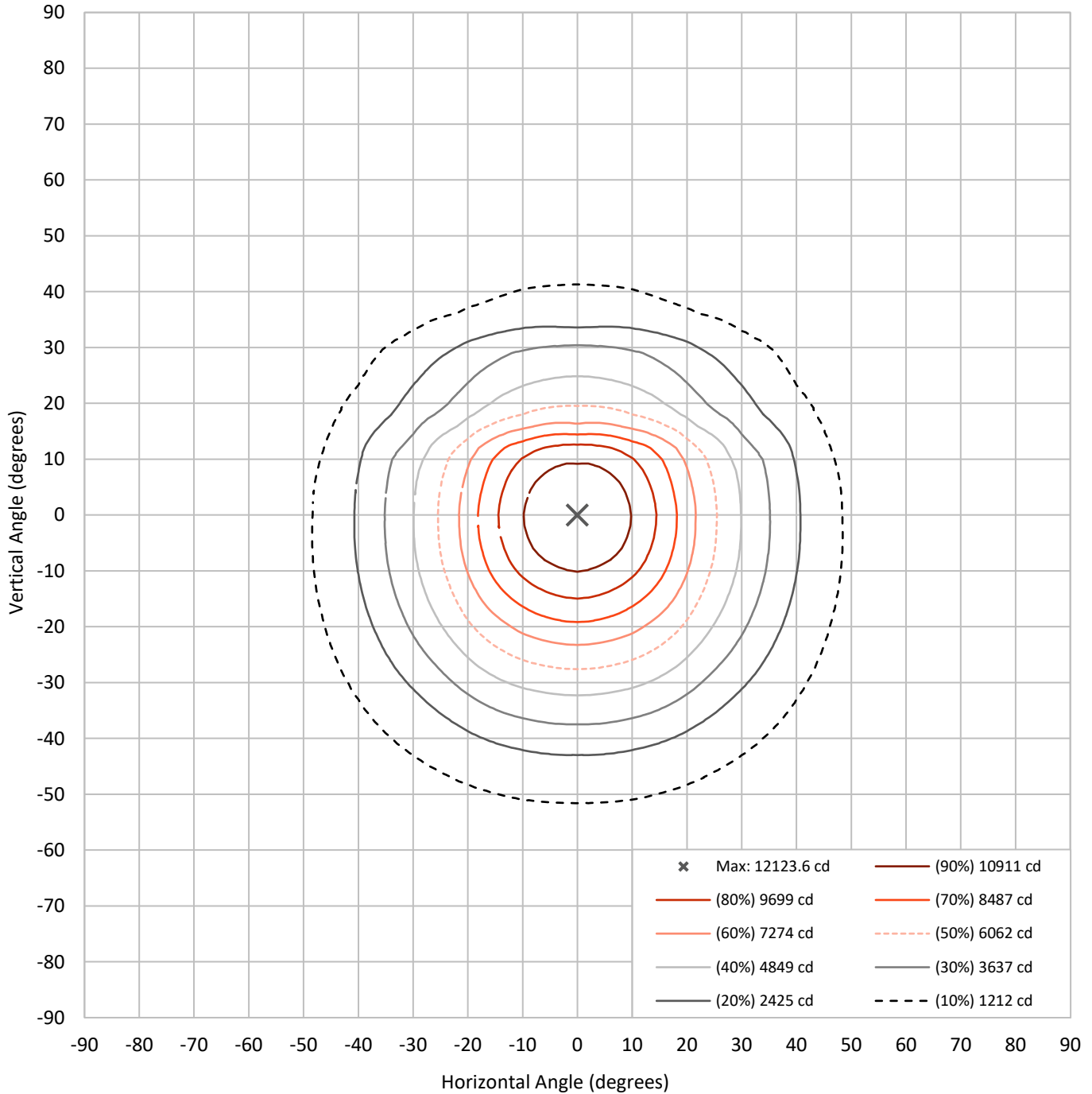
Field Angle (10%): 96.7°H x 92.9°V
Field Lumens: 9576.3 lumens
Field Efficiency: 89.5%

Input Watts (W): 125.71
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: P627022 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





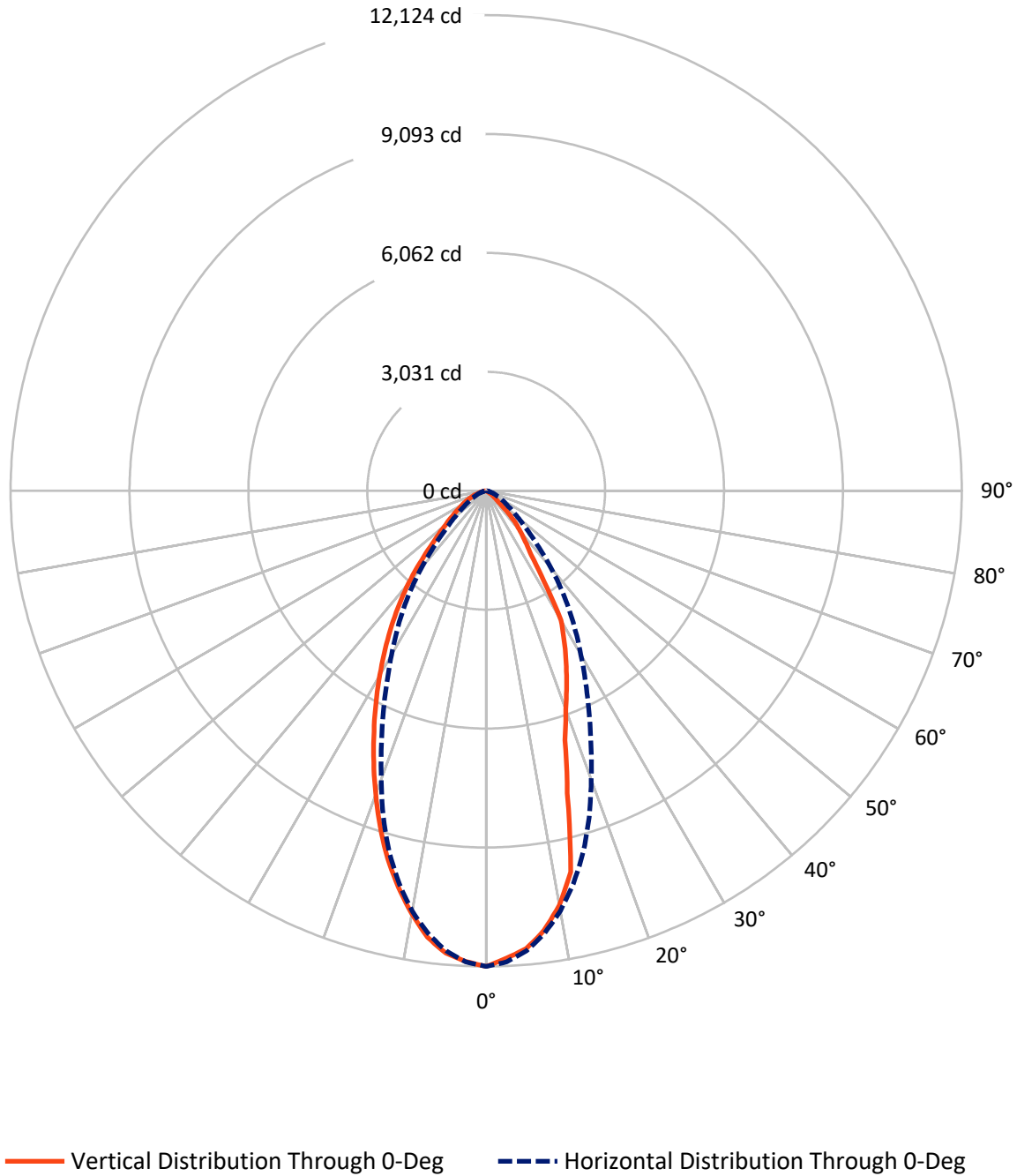
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Lumen Table

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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1		
50		0.2	0.6	1.0	1.7	2.5	3.4	3.8	3.8	3.4	2.5	1.7	1.0	0.6	0.2				
40	0.5	0.8	2.1	4.3	8.0	13.1	18.8	23.1	23.1	18.8	13.1	8.0	4.3	2.1	0.8	0.5			
30		1.6	4.2	9.7	20.0	36.7	56.1	67.4	67.4	56.1	36.7	20.0	9.7	4.2	1.6				
20	1.2	2.6	6.8	17.6	41.5	78.0	118.7	143.1	143.1	118.7	78.0	41.5	17.6	6.8	2.6	1.2			
10		3.5	9.6	27.5	68.3	126.4	197.5	244.2	244.2	197.5	126.4	68.3	27.5	9.6	3.5				
0	1.7	4.0	12.1	35.6	89.8	167.3	268.6	340.5	340.5	268.6	167.3	89.8	35.6	12.1	4.0	1.7			
-10		4.2	12.6	36.8	91.0	169.7	271.3	342.7	342.7	271.3	169.7	91.0	36.8	12.6	4.2				
-20	1.8	4.2	12.0	32.7	80.7	149.0	229.7	283.4	283.4	229.7	149.0	80.7	32.7	12.0	4.2	1.8			
-30		3.8	10.4	25.6	60.2	112.3	167.4	200.8	200.8	167.4	112.3	60.2	25.6	10.4	3.8				
-40	1.5	3.3	8.4	18.5	37.9	69.7	105.2	125.2	125.2	105.2	69.7	37.9	18.5	8.4	3.3	1.5			
-50		2.8	6.5	12.8	22.8	36.5	52.3	62.3	62.3	52.3	36.5	22.8	12.8	6.5	2.8				
-60	1.0	2.2	4.7	8.5	13.9	20.0	25.9	29.3	29.3	25.9	20.0	13.9	8.5	4.7	2.2	1.0			
-70		1.5	3.2	5.3	8.1	11.0	13.5	14.7	14.7	13.5	11.0	8.1	5.3	3.2	1.5				
-80	0.3	3.0	7.8	14.0	12.8	14.0	7.8	3.0	0.3										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

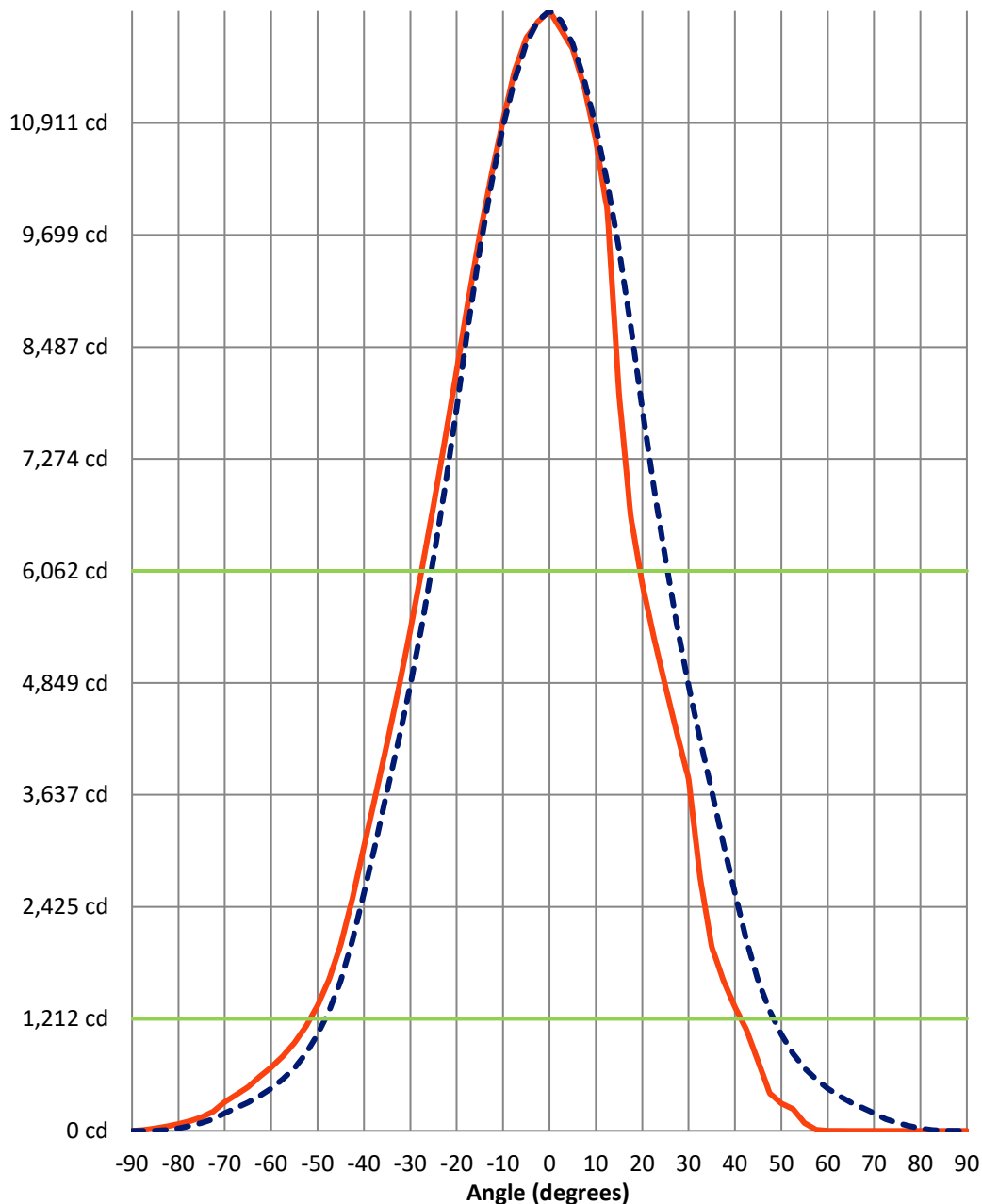
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 5149.5
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 9576.3
 Efficiency: 89.5%

Spill:
 Lumens: 1119.4
 Efficiency: 10.5%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.4
85°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
82.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.9	0.9	0.9
80°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	0.9	0.9	0.9	0.9
77.5°	0.0	0.2	0.4	0.6	0.8	0.9	0.9	0.9	0.9	0.9	0.9
75°	0.0	0.2	0.5	0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.9
72.5°	0.0	0.3	0.5	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9
70°	0.0	0.3	0.6	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0
67.5°	0.0	0.3	0.7	0.9	0.9	0.9	1.0	0.9	0.9	1.2	1.1
65°	0.0	0.4	0.8	0.9	0.9	1.0	1.1	0.9	1.3	1.4	1.7
62.5°	0.0	0.4	0.8	0.9	0.9	1.2	1.2	1.2	1.7	2.3	3.6
60°	0.0	0.4	0.9	0.9	0.9	1.4	1.4	1.7	2.1	5.7	6.2
57.5°	0.0	0.5	0.9	0.9	1.1	1.7	2.4	2.2	5.7	9.7	10.6
55°	0.0	0.5	0.9	0.9	1.4	1.9	3.6	3.3	10.4	14.6	16.5
52.5°	0.0	0.5	0.9	0.9	1.7	2.4	5.0	8.1	15.5	21.7	23.3
50°	0.0	0.6	1.0	0.9	2.0	3.9	6.6	13.5	21.6	29.5	35.6
47.5°	0.0	0.6	1.0	1.0	2.3	5.5	8.8	18.9	29.7	38.1	48.3
45°	0.0	0.6	1.0	1.2	2.6	7.2	13.5	24.3	37.8	49.3	60.8
42.5°	0.0	0.7	1.0	1.4	2.9	9.0	18.2	30.7	45.9	60.4	74.7
40°	0.0	0.7	1.1	1.7	3.8	10.9	22.8	37.7	54.3	71.2	89.3
37.5°	0.0	0.7	1.1	2.1	5.3	12.9	27.4	44.6	63.3	82.3	104.1
35°	0.0	0.7	1.1	2.5	6.8	16.0	32.0	51.4	72.5	95.7	120.3
32.5°	0.0	0.8	1.2	2.9	8.3	19.6	36.8	58.1	81.6	109.3	138.5
30°	0.0	0.8	1.2	3.4	9.8	23.1	42.2	64.9	90.7	123.3	156.8
27.5°	0.0	0.8	1.2	3.9	11.6	26.5	47.5	72.4	100.8	137.5	175.2
25°	0.0	0.8	1.3	4.4	13.3	29.8	52.6	79.6	112.3	152.6	193.5
22.5°	0.0	0.8	1.3	4.9	15.0	33.0	57.4	86.7	123.8	167.8	212.2
20°	0.0	0.8	1.4	5.5	16.6	36.1	62.0	93.6	135.0	182.8	229.9
17.5°	0.0	0.9	1.4	6.0	18.2	39.1	66.3	100.2	146.0	197.3	246.8
15°	0.0	0.9	1.5	6.6	19.7	41.8	70.3	106.0	156.5	211.3	262.6
12.5°	0.0	0.9	1.5	7.1	21.1	44.4	73.9	110.9	165.3	224.6	277.5
10°	0.0	0.9	1.5	7.6	22.5	46.7	77.1	115.3	172.3	232.5	289.2
7.5°	0.0	0.9	1.6	8.1	23.7	48.8	80.0	119.1	178.5	238.5	295.3
5°	0.0	0.9	1.6	8.6	24.9	50.7	82.6	122.4	183.7	243.3	300.2
2.5°	0.0	0.9	1.7	9.1	25.9	52.3	84.8	125.1	188.1	246.9	304.0
0°	0.0	0.9	1.7	9.5	26.8	53.7	86.6	127.3	191.4	249.4	306.6
-2.5°	0.0	1.0	2.0	10.1	28.0	55.4	89.0	131.0	195.2	253.0	310.7
-5°	0.0	1.0	2.2	10.7	29.1	56.8	90.9	134.0	197.9	255.6	313.5
-7.5°	0.0	1.1	2.5	11.2	30.1	57.9	92.4	136.4	199.6	257.2	315.2
-10°	0.0	1.1	2.7	11.6	30.8	58.8	93.5	138.1	200.4	257.8	315.8
-12.5°	0.0	1.2	2.9	12.0	31.4	59.4	94.2	139.1	200.1	257.4	314.3
-15°	0.0	1.2	3.2	12.3	31.8	59.6	94.4	139.3	198.7	255.2	311.2
-17.5°	0.0	1.2	3.4	12.5	32.0	59.6	94.1	139.0	196.1	252.2	307.0
-20°	0.0	1.3	3.5	12.7	31.9	59.3	93.8	138.4	192.9	248.4	301.6

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.3	3.7	12.8	31.7	58.6	93.9	137.1	189.1	243.8	295.1
-25°	0.0	1.3	3.9	12.8	31.2	58.4	93.5	135.3	184.7	238.6	287.4
-27.5°	0.0	1.3	4.0	12.7	30.5	58.2	92.6	132.9	179.9	232.6	280.3
-30°	0.0	1.3	4.1	12.5	29.6	57.6	91.2	130.0	175.6	225.9	272.6
-32.5°	0.0	1.3	4.1	12.3	29.2	56.6	89.4	127.5	171.5	218.8	264.5
-35°	0.0	1.3	4.2	11.9	28.6	55.2	87.6	124.9	166.7	211.5	255.8
-37.5°	0.0	1.3	4.2	11.4	27.8	53.7	85.7	121.7	161.4	204.0	245.6
-40°	0.0	1.3	4.2	10.9	26.7	52.4	83.2	117.9	155.6	197.0	234.7
-42.5°	0.0	1.3	4.2	10.4	25.9	50.8	80.2	113.6	150.2	188.0	223.0
-45°	0.0	1.3	4.1	10.0	25.4	48.8	76.8	109.1	144.6	178.3	211.0
-47.5°	0.0	1.3	4.0	9.5	24.6	46.5	73.0	104.5	138.5	168.2	199.8
-50°	0.0	1.2	3.9	9.3	23.6	43.9	69.6	99.4	130.3	159.1	188.3
-52.5°	0.0	1.2	3.7	9.2	22.3	40.9	65.9	93.7	122.2	149.5	176.6
-55°	0.0	1.1	3.6	8.9	20.7	38.5	61.8	87.6	113.9	139.6	165.6
-57.5°	0.0	1.1	3.4	8.6	18.9	35.9	57.4	82.1	105.1	129.5	154.2
-60°	0.0	1.0	3.2	8.1	17.0	32.9	52.6	75.6	96.0	119.1	142.5
-62.5°	0.0	0.9	3.0	7.5	15.8	29.6	48.0	68.3	87.1	108.2	130.3
-65°	0.0	0.9	2.8	6.9	14.4	26.0	43.0	60.7	77.7	96.8	117.7
-67.5°	0.0	0.8	2.5	6.1	12.9	22.7	37.5	53.1	67.7	84.7	103.7
-70°	0.0	0.7	2.3	5.3	11.3	20.0	31.6	45.1	58.2	72.1	88.7
-72.5°	0.0	0.6	2.0	4.7	9.4	16.9	26.8	36.9	48.4	60.6	73.5
-75°	0.0	0.6	1.8	4.1	7.5	13.7	22.1	30.1	38.4	48.9	60.0
-77.5°	0.0	0.5	1.5	3.4	6.2	10.4	17.0	23.7	30.5	37.7	46.2
-80°	0.0	0.4	1.2	2.8	5.0	7.9	11.8	17.1	22.7	28.6	34.8
-82.5°	0.0	0.3	0.9	2.1	3.8	6.0	8.7	11.4	14.8	19.3	24.1
-85°	0.0	0.2	0.6	1.4	2.6	4.0	5.8	7.7	9.7	12.0	14.6
-87.5°	0.0	0.1	0.3	0.7	1.3	2.0	2.9	3.8	4.9	6.0	7.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7
85°	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
80°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
77.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
72.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
70°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7
67.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.5
65°	0.9	0.9	1.2	1.3	0.9	0.9	0.9	0.9	0.9	0.8	0.8
62.5°	1.3	1.6	2.0	3.0	2.3	0.9	1.7	2.0	1.4	1.1	1.2
60°	3.8	2.6	6.7	9.3	6.1	3.2	4.0	7.9	6.5	1.7	4.6
57.5°	7.7	9.5	16.8	17.6	13.6	9.2	20.1	22.2	18.4	11.6	16.7
55°	16.0	22.4	28.3	28.0	28.2	35.4	41.6	40.8	36.0	49.7	62.5
52.5°	30.2	36.9	40.8	44.4	54.6	61.3	63.2	67.0	81.1	98.1	101.1
50°	44.3	51.2	56.3	69.5	79.9	85.2	90.1	103.1	124.4	136.0	137.9
47.5°	58.5	66.2	79.8	94.3	104.3	112.3	120.9	150.3	174.1	183.9	187.5
45°	73.4	86.8	103.8	118.6	130.2	141.0	168.9	209.0	225.7	240.9	279.4
42.5°	88.9	109.0	128.1	143.6	156.7	179.4	218.2	257.0	281.0	313.2	359.7
40°	108.6	131.2	153.3	169.1	185.4	219.9	267.8	308.9	334.3	377.5	430.5
37.5°	128.7	155.0	178.9	195.6	218.5	265.1	321.4	370.7	402.2	437.3	522.5
35°	148.4	179.3	203.9	226.1	254.5	318.7	388.2	443.0	481.9	542.1	649.9
32.5°	169.6	204.1	229.1	259.5	306.1	377.9	463.3	524.1	588.6	675.3	847.9
30°	192.0	227.2	256.1	292.6	355.1	438.9	537.9	614.4	702.0	842.7	1028.8
27.5°	214.5	250.3	285.8	332.3	400.9	491.5	594.9	715.4	828.7	986.0	1189.4
25°	236.0	273.8	315.0	371.2	445.4	540.2	653.1	792.1	939.9	1119.9	1358.7
22.5°	256.5	297.7	346.0	406.3	482.9	586.4	721.1	884.4	1062.0	1248.3	1522.8
20°	276.7	324.4	379.8	447.3	517.5	629.0	787.6	985.4	1207.9	1463.2	1732.2
17.5°	296.6	350.8	414.7	489.8	574.7	688.9	855.7	1091.2	1362.1	1694.4	2025.6
15°	316.1	376.6	448.5	531.7	632.5	769.0	958.5	1217.3	1544.5	1942.5	2334.7
12.5°	335.0	401.7	480.9	572.6	688.6	844.4	1055.3	1334.5	1709.5	2184.9	2666.8
10°	353.2	425.7	511.7	612.1	742.3	914.5	1140.9	1435.9	1833.9	2323.9	2859.8
7.5°	362.4	442.0	537.9	649.7	792.9	978.9	1215.3	1521.6	1931.1	2435.6	2973.0
5°	369.0	449.5	547.8	664.7	820.7	1022.7	1272.3	1591.7	2002.8	2519.7	3049.7
2.5°	374.1	454.8	555.0	673.2	831.7	1037.3	1291.1	1616.1	2041.2	2563.6	3094.4
0°	377.6	458.1	559.4	678.1	837.4	1044.4	1299.8	1626.3	2057.6	2573.7	3110.6
-2.5°	381.3	462.6	564.1	685.6	845.3	1054.0	1309.4	1633.5	2069.8	2576.5	3119.4
-5°	383.4	465.0	565.9	689.2	847.9	1055.8	1308.7	1626.7	2060.0	2556.2	3100.3
-7.5°	384.0	465.3	564.9	688.5	844.6	1047.6	1294.9	1606.4	2026.5	2515.3	3053.5
-10°	383.1	463.2	561.2	682.3	835.1	1030.6	1270.2	1571.2	1971.3	2447.8	2974.4
-12.5°	380.3	458.9	554.5	672.1	819.8	1006.4	1235.3	1521.0	1894.6	2353.9	2862.8
-15°	375.8	452.5	544.9	658.0	798.7	975.3	1190.5	1455.9	1795.9	2234.5	2724.0
-17.5°	369.6	443.9	532.2	639.9	771.7	937.5	1136.4	1379.7	1689.5	2101.2	2569.6
-20°	361.7	433.2	516.6	618.1	740.5	897.7	1086.1	1312.2	1589.9	1948.7	2387.5

Classified

Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P627022 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-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°	352.1	420.5	500.1	597.2	713.0	856.3	1029.9	1235.7	1478.1	1772.3	2188.6
-25°	342.2	408.3	484.1	573.9	681.4	809.5	965.6	1153.2	1372.6	1641.9	1986.1
-27.5°	332.5	394.3	465.5	547.0	646.1	761.1	905.2	1076.1	1271.8	1500.7	1781.1
-30°	321.6	378.7	445.0	518.8	612.2	719.0	843.6	990.0	1164.0	1370.9	1614.5
-32.5°	309.6	361.9	425.1	494.5	576.0	673.2	780.9	913.3	1064.7	1235.4	1446.0
-35°	297.7	347.6	404.8	468.2	537.0	628.0	727.0	836.9	965.7	1116.8	1285.2
-37.5°	286.2	332.0	383.0	442.1	506.7	582.2	669.7	768.9	879.7	1000.0	1145.5
-40°	273.5	315.1	363.4	416.9	474.0	539.5	618.4	702.6	798.0	903.8	1016.2
-42.5°	259.6	299.6	343.6	389.8	442.2	500.7	566.1	643.1	722.4	811.0	909.1
-45°	246.0	282.7	323.1	365.2	409.2	461.0	520.4	584.5	654.7	727.0	809.4
-47.5°	231.7	265.2	302.8	339.5	378.5	422.6	473.0	531.2	589.8	654.2	718.1
-50°	217.3	248.8	280.4	314.6	349.6	386.3	428.9	479.1	532.4	585.8	642.1
-52.5°	204.5	231.7	260.2	289.7	321.5	354.2	389.7	431.0	477.7	524.7	573.2
-55°	191.4	216.5	240.0	266.4	294.0	323.3	355.0	389.8	425.0	467.9	509.6
-57.5°	178.6	200.9	221.3	243.8	268.3	293.3	321.8	351.4	383.4	415.8	449.9
-60°	165.8	184.7	203.2	222.6	243.2	265.5	288.4	314.4	341.8	370.0	399.5
-62.5°	152.5	167.8	184.2	202.0	220.0	237.1	256.4	277.7	300.3	324.4	349.5
-65°	137.6	150.3	164.0	179.5	196.5	210.3	225.0	240.9	259.7	279.6	299.2
-67.5°	121.7	133.0	144.1	155.6	169.4	181.8	193.9	206.6	220.5	236.8	252.6
-70°	104.1	115.3	125.1	134.6	143.4	152.2	162.5	172.5	183.8	198.4	212.7
-72.5°	86.1	96.6	105.9	114.0	120.2	125.4	131.8	139.0	149.8	163.4	176.0
-75°	69.6	78.1	86.8	94.6	98.6	100.2	101.5	105.3	116.2	130.1	142.4
-77.5°	54.2	61.6	68.7	75.5	78.3	79.4	79.9	79.9	88.0	99.8	112.3
-80°	39.9	45.1	51.1	56.9	58.6	59.1	59.2	58.8	65.4	73.9	83.1
-82.5°	27.7	31.5	35.3	39.2	39.7	39.5	38.9	38.3	43.7	49.8	56.1
-85°	16.2	17.7	20.1	22.5	22.7	22.6	22.2	21.5	24.5	27.8	31.4
-87.5°	8.1	8.9	9.7	10.4	10.2	9.7	9.2	8.6	9.4	10.3	11.1
-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: P627022 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.9	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.9	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.9	0.7	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.9	0.7	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.9	0.8	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.9	0.8	0.5	0.3	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	0.5	0.5	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.9	0.9	0.7	0.4	0.2	0.2	0.2	0.2	0.1	0.0	0.0
62.5°	1.1	1.1	0.8	0.8	0.8	0.9	0.7	0.6	0.6	0.6	0.7
60°	4.9	2.8	2.9	3.6	3.1	1.5	2.9	3.6	3.4	2.6	2.3
57.5°	24.9	20.8	14.5	24.4	25.1	17.5	19.0	24.8	24.0	18.5	18.5
55°	62.6	63.5	68.2	74.3	78.9	81.0	82.9	92.2	102.2	111.9	116.8
52.5°	103.5	115.5	130.6	140.6	147.5	161.8	181.8	190.9	199.8	210.0	217.3
50°	152.3	173.4	188.5	190.7	214.4	229.8	233.4	250.6	269.4	281.0	289.4
47.5°	226.7	253.3	266.4	274.8	303.7	335.4	335.4	345.3	392.2	416.7	428.6
45°	326.5	348.7	371.9	432.4	488.0	505.7	543.5	594.7	627.9	673.7	724.0
42.5°	411.5	453.1	511.4	578.0	633.8	680.2	736.3	797.9	871.7	941.2	1001.2
40°	495.6	547.1	619.3	691.8	762.0	826.3	916.8	995.9	1083.1	1178.6	1258.3
37.5°	605.3	671.3	746.0	837.3	946.6	1018.0	1142.5	1256.1	1354.3	1469.7	1540.8
35°	773.9	859.9	926.0	1110.7	1243.7	1327.2	1474.5	1661.3	1733.0	1878.4	1947.3
32.5°	985.9	1100.1	1274.1	1518.7	1696.2	1849.9	2070.2	2259.7	2421.3	2567.2	2719.1
30°	1224.0	1400.3	1656.7	1981.7	2162.1	2377.4	2675.2	2899.9	3153.3	3431.4	3528.9
27.5°	1440.1	1704.2	2001.9	2265.2	2524.2	2792.4	3085.0	3373.7	3647.9	3879.4	4034.7
25°	1640.3	1960.2	2249.6	2530.9	2811.6	3113.6	3444.5	3772.0	4073.8	4311.9	4493.0
22.5°	1846.9	2184.9	2494.5	2779.9	3106.4	3448.6	3800.6	4176.2	4519.6	4766.6	4963.9
20°	2041.2	2417.1	2770.1	3095.2	3403.8	3798.9	4204.1	4602.5	4976.5	5270.8	5498.2
17.5°	2349.5	2675.8	3107.3	3529.6	3877.2	4240.1	4781.6	5192.8	5607.9	5960.4	6201.4
15°	2728.1	3086.9	3532.5	4112.4	4588.7	5004.6	5564.0	6232.9	6722.4	7172.4	7481.0
12.5°	3107.1	3512.9	3994.9	4647.5	5325.6	5815.5	6494.1	7341.7	7911.9	8608.6	8952.0
10°	3397.5	3907.2	4403.5	4999.0	5650.3	6347.8	7079.4	7872.5	8634.3	9232.5	9767.2
7.5°	3514.4	4057.3	4631.9	5239.5	5890.7	6610.6	7390.4	8215.5	8999.6	9667.7	10255.4
5°	3601.9	4158.1	4736.4	5357.7	6053.9	6805.7	7597.1	8463.4	9264.1	9980.2	10581.3
2.5°	3657.4	4218.8	4794.7	5426.4	6158.6	6932.7	7749.5	8638.8	9451.6	10188.7	10788.0
0°	3678.7	4232.0	4821.7	5472.1	6196.9	6972.8	7824.9	8724.7	9543.9	10256.6	10873.2
-2.5°	3681.5	4219.7	4823.5	5470.6	6164.2	6947.4	7809.8	8702.1	9504.6	10214.5	10836.5
-5°	3652.6	4190.6	4794.9	5432.3	6126.8	6904.1	7729.5	8591.7	9357.1	10048.0	10646.9
-7.5°	3594.1	4130.6	4721.5	5344.2	6020.1	6774.0	7566.8	8368.4	9119.2	9781.8	10353.4
-10°	3507.1	4032.3	4602.8	5209.6	5849.1	6566.2	7322.1	8088.0	8792.2	9404.9	9933.4
-12.5°	3389.4	3902.5	4447.3	5026.6	5621.8	6305.5	7019.3	7738.5	8380.3	8939.6	9413.9
-15°	3236.6	3737.7	4265.2	4813.0	5390.2	6008.6	6649.1	7308.8	7900.7	8396.8	8830.0
-17.5°	3056.5	3542.5	4043.5	4551.3	5099.0	5679.1	6273.7	6865.9	7370.7	7811.4	8207.6
-20°	2855.7	3324.0	3799.8	4273.3	4770.1	5306.7	5855.9	6376.0	6817.2	7217.6	7580.1

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Scaled Data Report



REPORT NUMBER: P627022 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-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°	2630.6	3078.8	3534.9	3977.9	4426.0	4911.8	5402.2	5872.7	6285.4	6627.9	6942.9
-25°	2389.6	2803.8	3234.5	3649.8	4062.3	4497.6	4943.1	5375.9	5739.1	6036.5	6296.8
-27.5°	2146.8	2525.3	2904.8	3295.8	3677.0	4078.7	4482.0	4855.8	5181.9	5455.8	5674.5
-30°	1891.6	2229.9	2576.5	2930.3	3294.3	3661.9	4026.3	4353.6	4638.3	4879.1	5068.2
-32.5°	1679.5	1936.5	2242.4	2563.7	2904.9	3239.8	3556.8	3855.2	4123.4	4333.7	4494.0
-35°	1476.2	1693.9	1923.0	2207.3	2500.4	2808.7	3100.3	3366.5	3605.6	3789.4	3940.2
-37.5°	1301.4	1473.6	1667.3	1870.3	2116.1	2370.9	2634.1	2884.5	3097.6	3258.0	3392.7
-40°	1150.2	1286.1	1440.9	1601.8	1782.6	1965.7	2194.8	2406.2	2580.2	2730.0	2852.0
-42.5°	1013.4	1128.1	1242.4	1374.4	1510.8	1658.0	1818.8	1975.1	2108.7	2234.1	2337.7
-45°	895.3	986.9	1078.1	1180.0	1280.2	1399.9	1514.8	1617.3	1725.4	1819.3	1893.2
-47.5°	792.1	863.5	941.7	1017.9	1098.3	1188.5	1274.0	1352.0	1431.3	1500.0	1555.0
-50°	700.3	759.6	823.4	883.3	948.4	1014.3	1077.5	1139.5	1199.8	1252.0	1292.7
-52.5°	620.0	671.8	721.4	769.2	820.9	869.7	915.5	966.7	1013.8	1055.0	1082.8
-55°	551.7	593.9	634.6	674.5	713.6	750.6	787.1	826.9	863.2	895.9	916.6
-57.5°	487.5	523.5	557.9	590.5	621.5	650.9	681.7	712.2	740.2	764.9	780.9
-60°	429.1	458.5	488.3	514.8	539.9	563.3	589.2	613.7	636.3	655.3	666.4
-62.5°	375.5	401.9	423.9	444.9	466.2	487.4	505.8	523.8	541.2	556.0	565.6
-65°	319.6	341.9	360.6	377.5	392.8	409.2	424.9	439.0	451.6	461.2	467.3
-67.5°	269.5	286.0	301.0	314.4	328.0	341.1	353.2	364.0	373.4	380.1	384.5
-70°	226.0	238.6	250.9	263.1	275.2	285.4	294.2	302.2	309.5	312.6	313.9
-72.5°	187.8	198.9	209.7	220.5	230.6	238.6	245.1	251.0	256.3	251.7	243.7
-75°	153.2	163.0	173.1	182.6	191.5	197.6	202.4	206.8	210.8	200.9	187.3
-77.5°	124.8	133.4	140.9	148.3	155.7	159.6	162.6	165.6	168.4	157.4	143.4
-80°	92.6	99.6	105.9	112.2	118.3	120.6	121.9	122.8	123.3	113.9	102.9
-82.5°	62.6	66.2	69.7	73.3	77.0	79.0	80.4	81.6	82.4	75.6	68.1
-85°	35.1	36.2	37.0	37.8	38.4	39.6	40.7	41.8	42.7	39.6	36.1
-87.5°	12.0	12.0	12.0	11.9	11.8	11.8	11.8	11.8	11.7	11.2	10.6
-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: P627022 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	0.8	0.9	0.9	0.9	0.9	0.9	0.8	0.7	0.6	0.6	0.6
60°	1.7	1.1	0.9	0.9	0.9	1.1	1.7	2.3	2.6	3.4	3.6
57.5°	17.2	15.0	13.5	12.1	13.5	15.0	17.2	18.5	18.5	24.0	24.8
55°	114.7	106.8	97.1	85.7	97.1	106.8	114.7	116.8	111.9	102.2	92.2
52.5°	225.0	232.4	236.8	236.4	236.8	232.4	225.0	217.3	210.0	199.8	190.9
50°	296.1	300.2	300.4	297.0	300.4	300.2	296.1	289.4	281.0	269.4	250.6
47.5°	433.9	428.2	418.4	407.9	418.4	428.2	433.9	428.6	416.7	392.2	345.3
45°	757.1	775.4	774.2	750.8	774.2	775.4	757.1	724.0	673.7	627.9	594.7
42.5°	1034.7	1062.0	1081.3	1091.1	1081.3	1062.0	1034.7	1001.2	941.2	871.7	797.9
40°	1303.2	1329.6	1341.2	1340.5	1341.2	1329.6	1303.2	1258.3	1178.6	1083.1	995.9
37.5°	1587.0	1621.1	1637.7	1629.8	1637.7	1621.1	1587.0	1540.8	1469.7	1354.3	1256.1
35°	1977.2	2009.1	2009.7	1993.5	2009.7	2009.1	1977.2	1947.3	1878.4	1733.0	1661.3
32.5°	2839.6	2850.3	2768.2	2739.1	2768.2	2850.3	2839.6	2719.1	2567.2	2421.3	2259.7
30°	3625.8	3701.6	3772.1	3807.7	3772.1	3701.6	3625.8	3528.9	3431.4	3153.3	2899.9
27.5°	4151.8	4242.9	4299.4	4303.0	4299.4	4242.9	4151.8	4034.7	3879.4	3647.9	3373.7
25°	4630.2	4732.1	4793.7	4814.8	4793.7	4732.1	4630.2	4493.0	4311.9	4073.8	3772.0
22.5°	5131.3	5251.5	5331.1	5347.4	5331.1	5251.5	5131.3	4963.9	4766.6	4519.6	4176.2
20°	5712.8	5852.7	5929.0	5925.9	5929.0	5852.7	5712.8	5498.2	5270.8	4976.5	4602.5
17.5°	6478.3	6628.3	6694.2	6665.4	6694.2	6628.3	6478.3	6201.4	5960.4	5607.9	5192.8
15°	7797.8	8111.6	8110.4	7985.2	8110.4	8111.6	7797.8	7481.0	7172.4	6722.4	6232.9
12.5°	9425.5	9659.4	9899.3	9950.9	9899.3	9659.4	9425.5	8952.0	8608.6	7911.9	7341.7
10°	10217.5	10528.1	10733.1	10727.7	10733.1	10528.1	10217.5	9767.2	9232.5	8634.3	7872.5
7.5°	10713.1	11056.2	11304.6	11299.2	11304.6	11056.2	10713.1	10255.4	9667.7	8999.6	8215.5
5°	11095.4	11476.1	11696.0	11712.3	11696.0	11476.1	11095.4	10581.3	9980.2	9264.1	8463.4
2.5°	11294.1	11691.3	11955.9	11921.0	11955.9	11691.3	11294.1	10788.0	10188.7	9451.6	8638.8
0°	11377.2	11770.3	12017.1	12123.6	12017.1	11770.3	11377.2	10873.2	10256.6	9543.9	8724.7
-2.5°	11340.9	11723.5	11996.2	12006.7	11996.2	11723.5	11340.9	10836.5	10214.5	9504.6	8702.1
-5°	11146.6	11550.3	11733.0	11830.1	11733.0	11550.3	11146.6	10646.9	10048.0	9357.1	8591.7
-7.5°	10833.2	11135.7	11367.9	11475.0	11367.9	11135.7	10833.2	10353.4	9781.8	9119.2	8368.4
-10°	10345.5	10658.7	10854.9	10943.3	10854.9	10658.7	10345.5	9933.4	9404.9	8792.2	8088.0
-12.5°	9805.2	10089.8	10276.3	10351.0	10276.3	10089.8	9805.2	9413.9	8939.6	8380.3	7738.5
-15°	9202.4	9460.9	9632.5	9704.1	9632.5	9460.9	9202.4	8830.0	8396.8	7900.7	7308.8
-17.5°	8538.8	8765.3	8936.3	8988.0	8936.3	8765.3	8538.8	8207.6	7811.4	7370.7	6865.9
-20°	7856.6	8061.3	8202.1	8232.8	8202.1	8061.3	7856.6	7580.1	7217.6	6817.2	6376.0



REPORT NUMBER: P627022 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	7169.0	7337.7	7452.1	7490.7	7452.1	7337.7	7169.0	6942.9	6627.9	6285.4	5872.7
-25°	6497.2	6642.7	6734.9	6769.3	6734.9	6642.7	6497.2	6296.8	6036.5	5739.1	5375.9
-27.5°	5851.0	5986.7	6071.3	6082.6	6071.3	5986.7	5851.0	5674.5	5455.8	5181.9	4855.8
-30°	5215.2	5327.3	5392.5	5420.1	5392.5	5327.3	5215.2	5068.2	4879.1	4638.3	4353.6
-32.5°	4621.0	4718.9	4777.5	4793.2	4777.5	4718.9	4621.0	4494.0	4333.7	4123.4	3855.2
-35°	4060.1	4150.5	4202.5	4198.2	4202.5	4150.5	4060.1	3940.2	3789.4	3605.6	3366.5
-37.5°	3504.0	3587.5	3634.6	3630.2	3634.6	3587.5	3504.0	3392.7	3258.0	3097.6	2884.5
-40°	2952.4	3024.4	3065.8	3075.9	3065.8	3024.4	2952.4	2852.0	2730.0	2580.2	2406.2
-42.5°	2423.9	2490.3	2523.6	2510.5	2523.6	2490.3	2423.9	2337.7	2234.1	2108.7	1975.1
-45°	1944.9	1979.3	2001.9	2016.0	2001.9	1979.3	1944.9	1893.2	1819.3	1725.4	1617.3
-47.5°	1595.3	1623.8	1639.2	1641.9	1639.2	1623.8	1595.3	1555.0	1500.0	1431.3	1352.0
-50°	1324.3	1348.5	1359.2	1356.1	1359.2	1348.5	1324.3	1292.7	1252.0	1199.8	1139.5
-52.5°	1102.9	1116.9	1126.4	1131.0	1126.4	1116.9	1102.9	1082.8	1055.0	1013.8	966.7
-55°	932.2	943.1	949.5	951.7	949.5	943.1	932.2	916.6	895.9	863.2	826.9
-57.5°	794.3	804.7	808.5	807.1	808.5	804.7	794.3	780.9	764.9	740.2	712.2
-60°	674.9	680.9	685.3	687.6	685.3	680.9	674.9	666.4	655.3	636.3	613.7
-62.5°	573.3	578.9	583.6	586.3	583.6	578.9	573.3	565.6	556.0	541.2	523.8
-65°	471.6	474.1	474.8	473.7	474.8	474.1	471.6	467.3	461.2	451.6	439.0
-67.5°	387.8	389.8	391.2	391.4	391.2	389.8	387.8	384.5	380.1	373.4	364.0
-70°	315.2	316.1	315.1	312.6	315.1	316.1	315.2	313.9	312.6	309.5	302.2
-72.5°	235.5	226.9	218.3	208.7	218.3	226.9	235.5	243.7	251.7	256.3	251.0
-75°	173.1	158.5	153.2	148.1	153.2	158.5	173.1	187.3	200.9	210.8	206.8
-77.5°	128.7	113.5	109.4	105.6	109.4	113.5	128.7	143.4	157.4	168.4	165.6
-80°	91.5	79.7	77.0	74.5	77.0	79.7	91.5	102.9	113.9	123.3	122.8
-82.5°	60.1	51.9	50.2	48.5	50.2	51.9	60.1	68.1	75.6	82.4	81.6
-85°	32.4	28.5	27.7	26.8	27.7	28.5	32.4	36.1	39.6	42.7	41.8
-87.5°	10.1	9.5	9.5	9.5	9.5	9.5	10.1	10.6	11.2	11.7	11.8
-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: P627022 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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	0.4	0.6	0.7	0.7	0.7	0.7	0.6
85°	0.0	0.0	0.0	0.2	0.5	0.7	0.9	0.9	0.9	0.9	0.9
82.5°	0.0	0.0	0.0	0.2	0.5	0.7	0.9	0.9	0.9	0.9	0.9
80°	0.0	0.0	0.0	0.3	0.5	0.7	0.9	0.9	0.9	0.9	0.9
77.5°	0.0	0.0	0.0	0.3	0.5	0.7	0.9	0.9	0.9	0.9	0.9
75°	0.0	0.0	0.1	0.3	0.5	0.8	0.9	0.9	0.9	0.9	0.9
72.5°	0.0	0.0	0.1	0.3	0.5	0.8	0.9	0.9	0.9	0.9	0.9
70°	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.7	0.9	0.9	0.9
67.5°	0.0	0.0	0.2	0.4	0.5	0.5	0.4	0.5	0.7	0.9	0.9
65°	0.2	0.2	0.2	0.4	0.7	0.9	0.9	0.8	0.8	0.9	0.9
62.5°	0.7	0.9	0.8	0.8	0.8	1.1	1.1	1.2	1.1	1.4	2.0
60°	2.9	1.5	3.1	3.6	2.9	2.8	4.9	4.6	1.7	6.5	7.9
57.5°	19.0	17.5	25.1	24.4	14.5	20.8	24.9	16.7	11.6	18.4	22.2
55°	82.9	81.0	78.9	74.3	68.2	63.5	62.6	62.5	49.7	36.0	40.8
52.5°	181.8	161.8	147.5	140.6	130.6	115.5	103.5	101.1	98.1	81.1	67.0
50°	233.4	229.8	214.4	190.7	188.5	173.4	152.3	137.9	136.0	124.4	103.1
47.5°	335.4	335.4	303.7	274.8	266.4	253.3	226.7	187.5	183.9	174.1	150.3
45°	543.5	505.7	488.0	432.4	371.9	348.7	326.5	279.4	240.9	225.7	209.0
42.5°	736.3	680.2	633.8	578.0	511.4	453.1	411.5	359.7	313.2	281.0	257.0
40°	916.8	826.3	762.0	691.8	619.3	547.1	495.6	430.5	377.5	334.3	308.9
37.5°	1142.5	1018.0	946.6	837.3	746.0	671.3	605.3	522.5	437.3	402.2	370.7
35°	1474.5	1327.2	1243.7	1110.7	926.0	859.9	773.9	649.9	542.1	481.9	443.0
32.5°	2070.2	1849.9	1696.2	1518.7	1274.1	1100.1	985.9	847.9	675.3	588.6	524.1
30°	2675.2	2377.4	2162.1	1981.7	1656.7	1400.3	1224.0	1028.8	842.7	702.0	614.4
27.5°	3085.0	2792.4	2524.2	2265.2	2001.9	1704.2	1440.1	1189.4	986.0	828.7	715.4
25°	3444.5	3113.6	2811.6	2530.9	2249.6	1960.2	1640.3	1358.7	1119.9	939.9	792.1
22.5°	3800.6	3448.6	3106.4	2779.9	2494.5	2184.9	1846.9	1522.8	1248.3	1062.0	884.4
20°	4204.1	3798.9	3403.8	3095.2	2770.1	2417.1	2041.2	1732.2	1463.2	1207.9	985.4
17.5°	4781.6	4240.1	3877.2	3529.6	3107.3	2675.8	2349.5	2025.6	1694.4	1362.1	1091.2
15°	5564.0	5004.6	4588.7	4112.4	3532.5	3086.9	2728.1	2334.7	1942.5	1544.5	1217.3
12.5°	6494.1	5815.5	5325.6	4647.5	3994.9	3512.9	3107.1	2666.8	2184.9	1709.5	1334.5
10°	7079.4	6347.8	5650.3	4999.0	4403.5	3907.2	3397.5	2859.8	2323.9	1833.9	1435.9
7.5°	7390.4	6610.6	5890.7	5239.5	4631.9	4057.3	3514.4	2973.0	2435.6	1931.1	1521.6
5°	7597.1	6805.7	6053.9	5357.7	4736.4	4158.1	3601.9	3049.7	2519.7	2002.8	1591.7
2.5°	7749.5	6932.7	6158.6	5426.4	4794.7	4218.8	3657.4	3094.4	2563.6	2041.2	1616.1
0°	7824.9	6972.8	6196.9	5472.1	4821.7	4232.0	3678.7	3110.6	2573.7	2057.6	1626.3
-2.5°	7809.8	6947.4	6164.2	5470.6	4823.5	4219.7	3681.5	3119.4	2576.5	2069.8	1633.5
-5°	7729.5	6904.1	6126.8	5432.3	4794.9	4190.6	3652.6	3100.3	2556.2	2060.0	1626.7
-7.5°	7566.8	6774.0	6020.1	5344.2	4721.5	4130.6	3594.1	3053.5	2515.3	2026.5	1606.4
-10°	7322.1	6566.2	5849.1	5209.6	4602.8	4032.3	3507.1	2974.4	2447.8	1971.3	1571.2
-12.5°	7019.3	6305.5	5621.8	5026.6	4447.3	3902.5	3389.4	2862.8	2353.9	1894.6	1521.0
-15°	6649.1	6008.6	5390.2	4813.0	4265.2	3737.7	3236.6	2724.0	2234.5	1795.9	1455.9
-17.5°	6273.7	5679.1	5099.0	4551.3	4043.5	3542.5	3056.5	2569.6	2101.2	1689.5	1379.7
-20°	5855.9	5306.7	4770.1	4273.3	3799.8	3324.0	2855.7	2387.5	1948.7	1589.9	1312.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627022 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-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°	5402.2	4911.8	4426.0	3977.9	3534.9	3078.8	2630.6	2188.6	1772.3	1478.1	1235.7
-25°	4943.1	4497.6	4062.3	3649.8	3234.5	2803.8	2389.6	1986.1	1641.9	1372.6	1153.2
-27.5°	4482.0	4078.7	3677.0	3295.8	2904.8	2525.3	2146.8	1781.1	1500.7	1271.8	1076.1
-30°	4026.3	3661.9	3294.3	2930.3	2576.5	2229.9	1891.6	1614.5	1370.9	1164.0	990.0
-32.5°	3556.8	3239.8	2904.9	2563.7	2242.4	1936.5	1679.5	1446.0	1235.4	1064.7	913.3
-35°	3100.3	2808.7	2500.4	2207.3	1923.0	1693.9	1476.2	1285.2	1116.8	965.7	836.9
-37.5°	2634.1	2370.9	2116.1	1870.3	1667.3	1473.6	1301.4	1145.5	1000.0	879.7	768.9
-40°	2194.8	1965.7	1782.6	1601.8	1440.9	1286.1	1150.2	1016.2	903.8	798.0	702.6
-42.5°	1818.8	1658.0	1510.8	1374.4	1242.4	1128.1	1013.4	909.1	811.0	722.4	643.1
-45°	1514.8	1399.9	1280.2	1180.0	1078.1	986.9	895.3	809.4	727.0	654.7	584.5
-47.5°	1274.0	1188.5	1098.3	1017.9	941.7	863.5	792.1	718.1	654.2	589.8	531.2
-50°	1077.5	1014.3	948.4	883.3	823.4	759.6	700.3	642.1	585.8	532.4	479.1
-52.5°	915.5	869.7	820.9	769.2	721.4	671.8	620.0	573.2	524.7	477.7	431.0
-55°	787.1	750.6	713.6	674.5	634.6	593.9	551.7	509.6	467.9	425.0	389.8
-57.5°	681.7	650.9	621.5	590.5	557.9	523.5	487.5	449.9	415.8	383.4	351.4
-60°	589.2	563.3	539.9	514.8	488.3	458.5	429.1	399.5	370.0	341.8	314.4
-62.5°	505.8	487.4	466.2	444.9	423.9	401.9	375.5	349.5	324.4	300.3	277.7
-65°	424.9	409.2	392.8	377.5	360.6	341.9	319.6	299.2	279.6	259.7	240.9
-67.5°	353.2	341.1	328.0	314.4	301.0	286.0	269.5	252.6	236.8	220.5	206.6
-70°	294.2	285.4	275.2	263.1	250.9	238.6	226.0	212.7	198.4	183.8	172.5
-72.5°	245.1	238.6	230.6	220.5	209.7	198.9	187.8	176.0	163.4	149.8	139.0
-75°	202.4	197.6	191.5	182.6	173.1	163.0	153.2	142.4	130.1	116.2	105.3
-77.5°	162.6	159.6	155.7	148.3	140.9	133.4	124.8	112.3	99.8	88.0	79.9
-80°	121.9	120.6	118.3	112.2	105.9	99.6	92.6	83.1	73.9	65.4	58.8
-82.5°	80.4	79.0	77.0	73.3	69.7	66.2	62.6	56.1	49.8	43.7	38.3
-85°	40.7	39.6	38.4	37.8	37.0	36.2	35.1	31.4	27.8	24.5	21.5
-87.5°	11.8	11.8	11.8	11.9	12.0	12.0	12.0	11.1	10.3	9.4	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: P627022 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3
85°	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.6	0.5
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8
80°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
77.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
72.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
70°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	0.9	0.9	0.9
67.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.1	1.2	0.9	0.9
65°	0.9	0.9	0.9	1.3	1.2	0.9	0.9	1.7	1.4	1.3	0.9
62.5°	1.7	0.9	2.3	3.0	2.0	1.6	1.3	3.6	2.3	1.7	1.2
60°	4.0	3.2	6.1	9.3	6.7	2.6	3.8	6.2	5.7	2.1	1.7
57.5°	20.1	9.2	13.6	17.6	16.8	9.5	7.7	10.6	9.7	5.7	2.2
55°	41.6	35.4	28.2	28.0	28.3	22.4	16.0	16.5	14.6	10.4	3.3
52.5°	63.2	61.3	54.6	44.4	40.8	36.9	30.2	23.3	21.7	15.5	8.1
50°	90.1	85.2	79.9	69.5	56.3	51.2	44.3	35.6	29.5	21.6	13.5
47.5°	120.9	112.3	104.3	94.3	79.8	66.2	58.5	48.3	38.1	29.7	18.9
45°	168.9	141.0	130.2	118.6	103.8	86.8	73.4	60.8	49.3	37.8	24.3
42.5°	218.2	179.4	156.7	143.6	128.1	109.0	88.9	74.7	60.4	45.9	30.7
40°	267.8	219.9	185.4	169.1	153.3	131.2	108.6	89.3	71.2	54.3	37.7
37.5°	321.4	265.1	218.5	195.6	178.9	155.0	128.7	104.1	82.3	63.3	44.6
35°	388.2	318.7	254.5	226.1	203.9	179.3	148.4	120.3	95.7	72.5	51.4
32.5°	463.3	377.9	306.1	259.5	229.1	204.1	169.6	138.5	109.3	81.6	58.1
30°	537.9	438.9	355.1	292.6	256.1	227.2	192.0	156.8	123.3	90.7	64.9
27.5°	594.9	491.5	400.9	332.3	285.8	250.3	214.5	175.2	137.5	100.8	72.4
25°	653.1	540.2	445.4	371.2	315.0	273.8	236.0	193.5	152.6	112.3	79.6
22.5°	721.1	586.4	482.9	406.3	346.0	297.7	256.5	212.2	167.8	123.8	86.7
20°	787.6	629.0	517.5	447.3	379.8	324.4	276.7	229.9	182.8	135.0	93.6
17.5°	855.7	688.9	574.7	489.8	414.7	350.8	296.6	246.8	197.3	146.0	100.2
15°	958.5	769.0	632.5	531.7	448.5	376.6	316.1	262.6	211.3	156.5	106.0
12.5°	1055.3	844.4	688.6	572.6	480.9	401.7	335.0	277.5	224.6	165.3	110.9
10°	1140.9	914.5	742.3	612.1	511.7	425.7	353.2	289.2	232.5	172.3	115.3
7.5°	1215.3	978.9	792.9	649.7	537.9	442.0	362.4	295.3	238.5	178.5	119.1
5°	1272.3	1022.7	820.7	664.7	547.8	449.5	369.0	300.2	243.3	183.7	122.4
2.5°	1291.1	1037.3	831.7	673.2	555.0	454.8	374.1	304.0	246.9	188.1	125.1
0°	1299.8	1044.4	837.4	678.1	559.4	458.1	377.6	306.6	249.4	191.4	127.3
-2.5°	1309.4	1054.0	845.3	685.6	564.1	462.6	381.3	310.7	253.0	195.2	131.0
-5°	1308.7	1055.8	847.9	689.2	565.9	465.0	383.4	313.5	255.6	197.9	134.0
-7.5°	1294.9	1047.6	844.6	688.5	564.9	465.3	384.0	315.2	257.2	199.6	136.4
-10°	1270.2	1030.6	835.1	682.3	561.2	463.2	383.1	315.8	257.8	200.4	138.1
-12.5°	1235.3	1006.4	819.8	672.1	554.5	458.9	380.3	314.3	257.4	200.1	139.1
-15°	1190.5	975.3	798.7	658.0	544.9	452.5	375.8	311.2	255.2	198.7	139.3
-17.5°	1136.4	937.5	771.7	639.9	532.2	443.9	369.6	307.0	252.2	196.1	139.0
-20°	1086.1	897.7	740.5	618.1	516.6	433.2	361.7	301.6	248.4	192.9	138.4

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REPORT NUMBER: P627022 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-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°	1029.9	856.3	713.0	597.2	500.1	420.5	352.1	295.1	243.8	189.1	137.1
-25°	965.6	809.5	681.4	573.9	484.1	408.3	342.2	287.4	238.6	184.7	135.3
-27.5°	905.2	761.1	646.1	547.0	465.5	394.3	332.5	280.3	232.6	179.9	132.9
-30°	843.6	719.0	612.2	518.8	445.0	378.7	321.6	272.6	225.9	175.6	130.0
-32.5°	780.9	673.2	576.0	494.5	425.1	361.9	309.6	264.5	218.8	171.5	127.5
-35°	727.0	628.0	537.0	468.2	404.8	347.6	297.7	255.8	211.5	166.7	124.9
-37.5°	669.7	582.2	506.7	442.1	383.0	332.0	286.2	245.6	204.0	161.4	121.7
-40°	618.4	539.5	474.0	416.9	363.4	315.1	273.5	234.7	197.0	155.6	117.9
-42.5°	566.1	500.7	442.2	389.8	343.6	299.6	259.6	223.0	188.0	150.2	113.6
-45°	520.4	461.0	409.2	365.2	323.1	282.7	246.0	211.0	178.3	144.6	109.1
-47.5°	473.0	422.6	378.5	339.5	302.8	265.2	231.7	199.8	168.2	138.5	104.5
-50°	428.9	386.3	349.6	314.6	280.4	248.8	217.3	188.3	159.1	130.3	99.4
-52.5°	389.7	354.2	321.5	289.7	260.2	231.7	204.5	176.6	149.5	122.2	93.7
-55°	355.0	323.3	294.0	266.4	240.0	216.5	191.4	165.6	139.6	113.9	87.6
-57.5°	321.8	293.3	268.3	243.8	221.3	200.9	178.6	154.2	129.5	105.1	82.1
-60°	288.4	265.5	243.2	222.6	203.2	184.7	165.8	142.5	119.1	96.0	75.6
-62.5°	256.4	237.1	220.0	202.0	184.2	167.8	152.5	130.3	108.2	87.1	68.3
-65°	225.0	210.3	196.5	179.5	164.0	150.3	137.6	117.7	96.8	77.7	60.7
-67.5°	193.9	181.8	169.4	155.6	144.1	133.0	121.7	103.7	84.7	67.7	53.1
-70°	162.5	152.2	143.4	134.6	125.1	115.3	104.1	88.7	72.1	58.2	45.1
-72.5°	131.8	125.4	120.2	114.0	105.9	96.6	86.1	73.5	60.6	48.4	36.9
-75°	101.5	100.2	98.6	94.6	86.8	78.1	69.6	60.0	48.9	38.4	30.1
-77.5°	79.9	79.4	78.3	75.5	68.7	61.6	54.2	46.2	37.7	30.5	23.7
-80°	59.2	59.1	58.6	56.9	51.1	45.1	39.9	34.8	28.6	22.7	17.1
-82.5°	38.9	39.5	39.7	39.2	35.3	31.5	27.7	24.1	19.3	14.8	11.4
-85°	22.2	22.6	22.7	22.5	20.1	17.7	16.2	14.6	12.0	9.7	7.7
-87.5°	9.2	9.7	10.2	10.4	9.7	8.9	8.1	7.3	6.0	4.9	3.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.2	0.2	0.2	0.1	0.1	0.0	0.0
85°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
82.5°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
80°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
77.5°	0.9	0.9	0.8	0.6	0.4	0.2	0.0
75°	0.9	0.9	0.9	0.7	0.5	0.2	0.0
72.5°	0.9	0.9	0.9	0.8	0.5	0.3	0.0
70°	0.9	0.9	0.9	0.9	0.6	0.3	0.0
67.5°	1.0	0.9	0.9	0.9	0.7	0.3	0.0
65°	1.1	1.0	0.9	0.9	0.8	0.4	0.0
62.5°	1.2	1.2	0.9	0.9	0.8	0.4	0.0
60°	1.4	1.4	0.9	0.9	0.9	0.4	0.0
57.5°	2.4	1.7	1.1	0.9	0.9	0.5	0.0
55°	3.6	1.9	1.4	0.9	0.9	0.5	0.0
52.5°	5.0	2.4	1.7	0.9	0.9	0.5	0.0
50°	6.6	3.9	2.0	0.9	1.0	0.6	0.0
47.5°	8.8	5.5	2.3	1.0	1.0	0.6	0.0
45°	13.5	7.2	2.6	1.2	1.0	0.6	0.0
42.5°	18.2	9.0	2.9	1.4	1.0	0.7	0.0
40°	22.8	10.9	3.8	1.7	1.1	0.7	0.0
37.5°	27.4	12.9	5.3	2.1	1.1	0.7	0.0
35°	32.0	16.0	6.8	2.5	1.1	0.7	0.0
32.5°	36.8	19.6	8.3	2.9	1.2	0.8	0.0
30°	42.2	23.1	9.8	3.4	1.2	0.8	0.0
27.5°	47.5	26.5	11.6	3.9	1.2	0.8	0.0
25°	52.6	29.8	13.3	4.4	1.3	0.8	0.0
22.5°	57.4	33.0	15.0	4.9	1.3	0.8	0.0
20°	62.0	36.1	16.6	5.5	1.4	0.8	0.0
17.5°	66.3	39.1	18.2	6.0	1.4	0.9	0.0
15°	70.3	41.8	19.7	6.6	1.5	0.9	0.0
12.5°	73.9	44.4	21.1	7.1	1.5	0.9	0.0
10°	77.1	46.7	22.5	7.6	1.5	0.9	0.0
7.5°	80.0	48.8	23.7	8.1	1.6	0.9	0.0
5°	82.6	50.7	24.9	8.6	1.6	0.9	0.0
2.5°	84.8	52.3	25.9	9.1	1.7	0.9	0.0
0°	86.6	53.7	26.8	9.5	1.7	0.9	0.0
-2.5°	89.0	55.4	28.0	10.1	2.0	1.0	0.0
-5°	90.9	56.8	29.1	10.7	2.2	1.0	0.0
-7.5°	92.4	57.9	30.1	11.2	2.5	1.1	0.0
-10°	93.5	58.8	30.8	11.6	2.7	1.1	0.0
-12.5°	94.2	59.4	31.4	12.0	2.9	1.2	0.0
-15°	94.4	59.6	31.8	12.3	3.2	1.2	0.0
-17.5°	94.1	59.6	32.0	12.5	3.4	1.2	0.0
-20°	93.8	59.3	31.9	12.7	3.5	1.3	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	93.9	58.6	31.7	12.8	3.7	1.3	0.0
-25°	93.5	58.4	31.2	12.8	3.9	1.3	0.0
-27.5°	92.6	58.2	30.5	12.7	4.0	1.3	0.0
-30°	91.2	57.6	29.6	12.5	4.1	1.3	0.0
-32.5°	89.4	56.6	29.2	12.3	4.1	1.3	0.0
-35°	87.6	55.2	28.6	11.9	4.2	1.3	0.0
-37.5°	85.7	53.7	27.8	11.4	4.2	1.3	0.0
-40°	83.2	52.4	26.7	10.9	4.2	1.3	0.0
-42.5°	80.2	50.8	25.9	10.4	4.2	1.3	0.0
-45°	76.8	48.8	25.4	10.0	4.1	1.3	0.0
-47.5°	73.0	46.5	24.6	9.5	4.0	1.3	0.0
-50°	69.6	43.9	23.6	9.3	3.9	1.2	0.0
-52.5°	65.9	40.9	22.3	9.2	3.7	1.2	0.0
-55°	61.8	38.5	20.7	8.9	3.6	1.1	0.0
-57.5°	57.4	35.9	18.9	8.6	3.4	1.1	0.0
-60°	52.6	32.9	17.0	8.1	3.2	1.0	0.0
-62.5°	48.0	29.6	15.8	7.5	3.0	0.9	0.0
-65°	43.0	26.0	14.4	6.9	2.8	0.9	0.0
-67.5°	37.5	22.7	12.9	6.1	2.5	0.8	0.0
-70°	31.6	20.0	11.3	5.3	2.3	0.7	0.0
-72.5°	26.8	16.9	9.4	4.7	2.0	0.6	0.0
-75°	22.1	13.7	7.5	4.1	1.8	0.6	0.0
-77.5°	17.0	10.4	6.2	3.4	1.5	0.5	0.0
-80°	11.8	7.9	5.0	2.8	1.2	0.4	0.0
-82.5°	8.7	6.0	3.8	2.1	0.9	0.3	0.0
-85°	5.8	4.0	2.6	1.4	0.6	0.2	0.0
-87.5°	2.9	2.0	1.3	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)