

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: P626900 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P626900 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2C-727-U-VWR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7550.4 lumens
Efficiency: N/A
Efficacy: 62.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 6H x 6V
Max Intensity: 5657.8 candela
Max Intensity Angle: -2.5°H x -2.5°V

Beam Angle (50%): 63.9°H x 69.6°V
Beam Lumens: 4368.4 lumens
Beam Efficiency: 57.9%

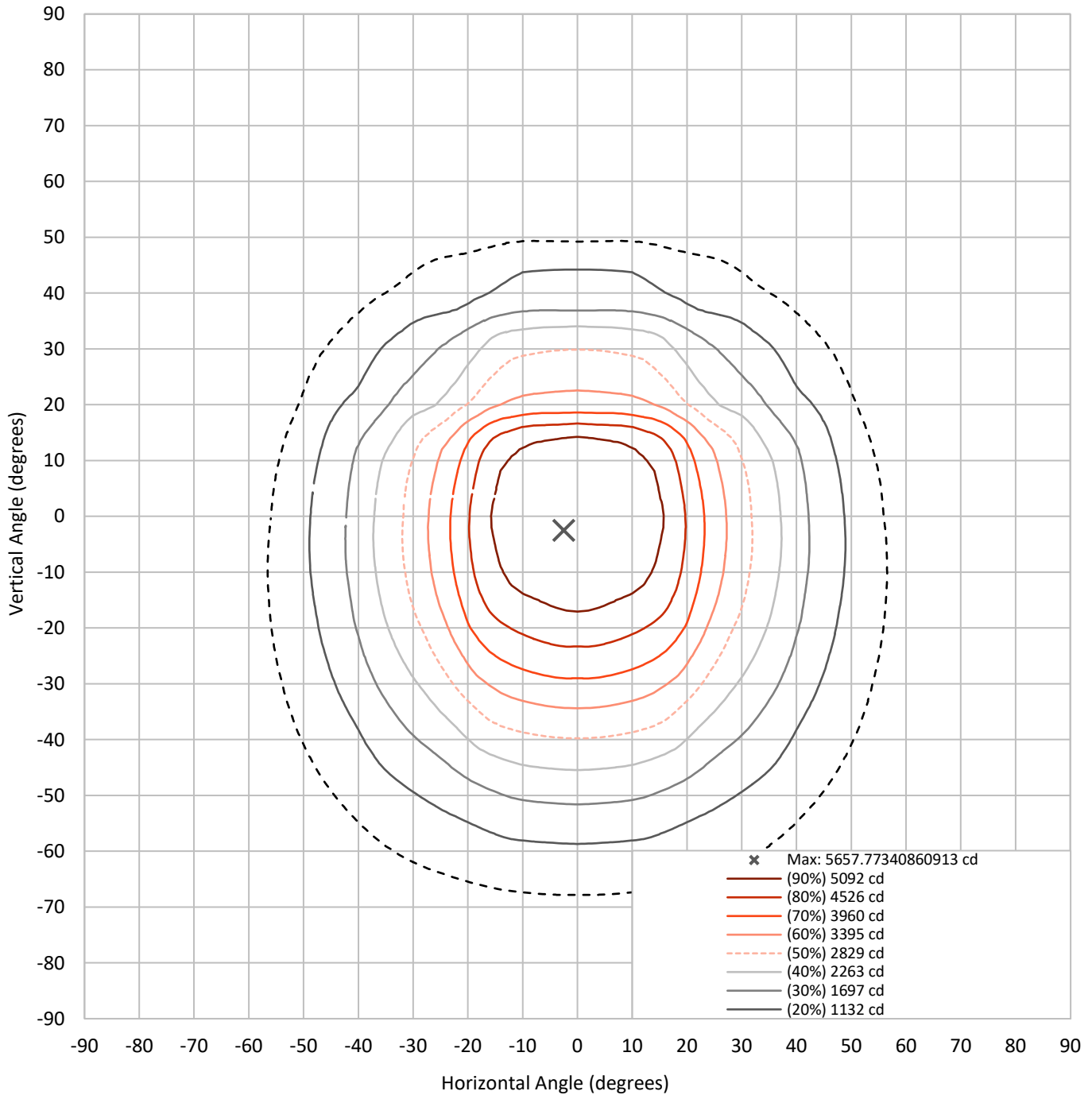
Field Angle (10%): 112.5°H x 117.1°V
Field Lumens: 7164.9 lumens
Field Efficiency: 94.9%

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: P626900 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





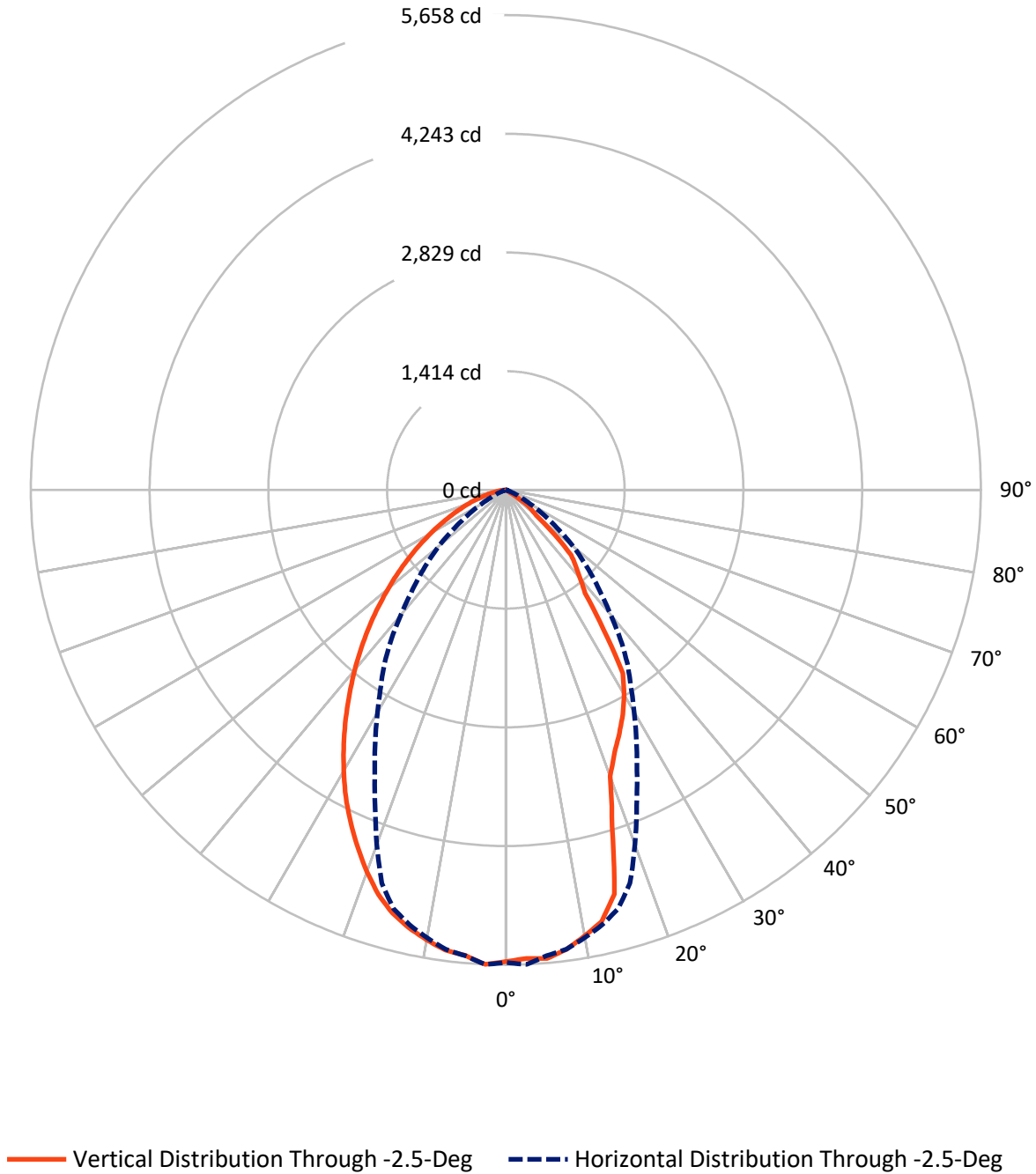
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Lumen Table

90																			
80	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
70																			
60	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1				
50		0.1	0.1	0.7	2.1	4.0	5.9	7.3	7.3	5.9	4.0	2.1	0.7	0.1		0.1			
40	0.1	0.1	0.8	3.9	9.4	16.9	24.9	30.5	30.5	24.9	16.9	9.4	3.9	0.8	0.1	0.1			
30		0.4	2.8	9.8	21.9	35.5	53.2	62.2	62.2	53.2	35.5	21.9	9.8	2.8	0.4				
20	0.2	0.8	5.4	17.4	35.3	55.9	83.9	96.4	96.4	83.9	55.9	35.3	17.4	5.4	0.8	0.2			
10		1.4	8.3	25.7	50.8	83.6	124.5	142.7	142.7	124.5	83.6	50.8	25.7	8.3	1.4				
0	0.4	2.0	10.8	30.5	60.8	99.9	147.0	166.8	166.8	147.0	99.9	60.8	30.5	10.8	2.0	0.4			
-10		2.3	11.9	31.7	62.4	102.2	148.0	167.4	167.4	148.0	102.2	62.4	31.7	11.9	2.3				
-20	0.5	2.4	11.7	30.0	58.8	95.7	137.4	155.2	155.2	137.4	95.7	58.8	30.0	11.7	2.4	0.5			
-30		2.2	10.2	26.2	50.8	81.3	115.2	130.5	130.5	115.2	81.3	50.8	26.2	10.2	2.2				
-40	0.5	1.8	8.1	20.6	40.0	62.7	88.0	99.6	99.6	88.0	62.7	40.0	20.6	8.1	1.8	0.5			
-50		1.5	6.0	14.7	28.6	44.1	60.9	69.1	69.1	60.9	44.1	28.6	14.7	6.0	1.5				
-60	0.4	1.1	3.9	9.4	17.8	27.4	37.2	42.4	42.4	37.2	27.4	17.8	9.4	3.9	1.1	0.4			
-70		0.8	2.4	5.5	9.8	14.5	19.2	21.8	21.8	19.2	14.5	9.8	5.5	2.4	0.8				
-80	0.1	1.8	8.1	17.8	19.8	17.8	8.1	1.8	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

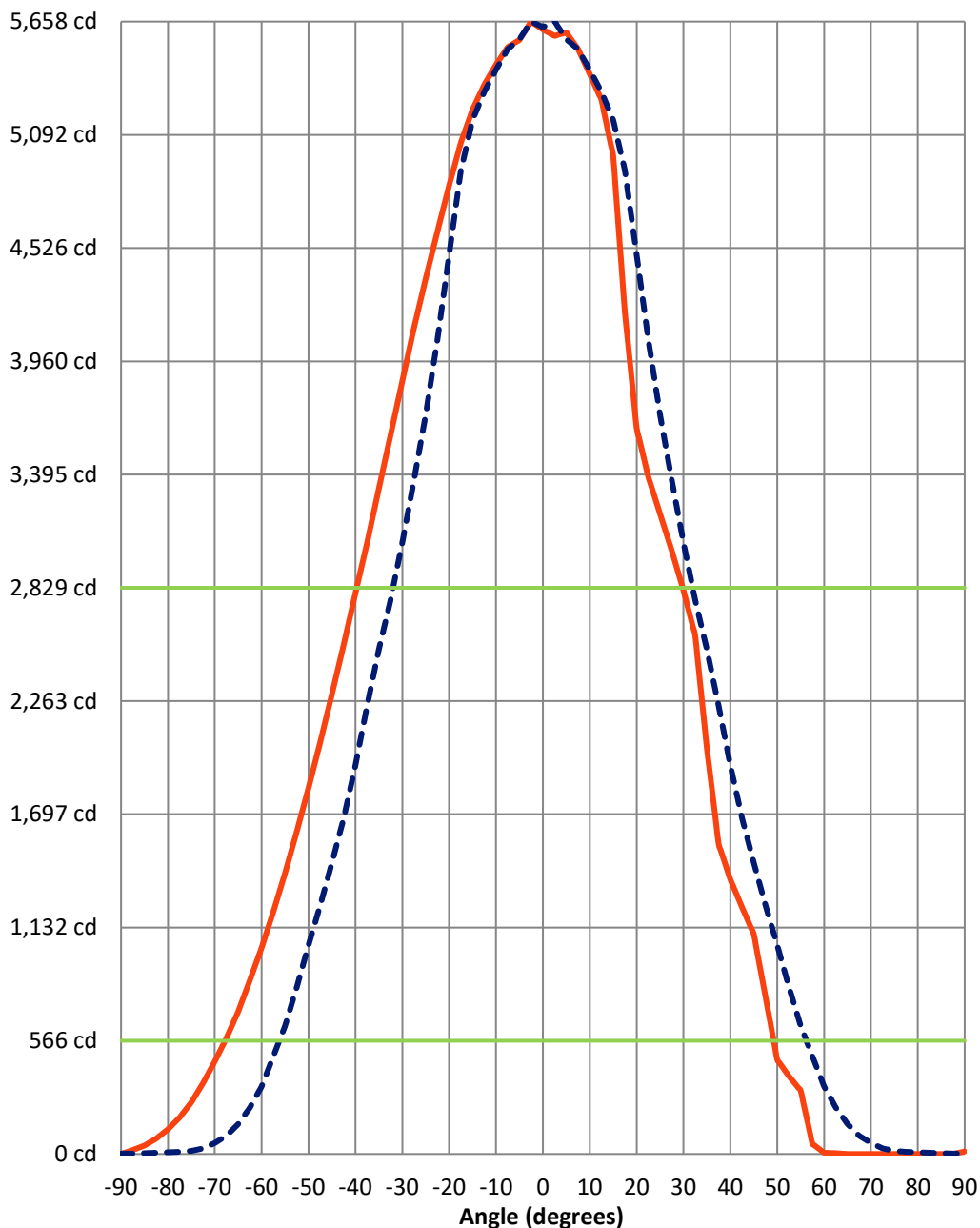
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 4368.4
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 7164.9
 Efficiency: 94.9%

Spill:
 Lumens: 385.5
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg
 - - Horizontal Distribution through -2.5-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°	2.1	2.1	2.1	2.6	3.2	3.7	4.2	4.7	5.3	5.8	6.3
87.5°	2.1	2.1	2.1	2.0	1.9	1.8	1.6	1.1	0.7	0.3	0.0
85°	2.1	2.1	2.1	2.0	1.7	1.4	1.0	0.6	0.3	0.1	0.0
82.5°	2.1	2.1	2.1	1.9	1.6	1.1	0.5	0.2	0.0	0.3	0.6
80°	2.1	2.1	2.1	1.8	1.4	0.8	0.1	0.4	0.8	1.1	1.4
77.5°	2.1	2.1	2.1	1.8	1.2	0.7	0.6	1.0	1.5	1.9	1.9
75°	2.1	2.1	2.1	1.7	1.1	1.0	1.2	1.6	2.1	1.7	1.1
72.5°	2.1	2.1	2.1	1.7	1.3	1.4	1.7	2.1	1.8	1.2	0.4
70°	2.1	2.1	2.1	1.7	1.5	1.7	2.1	2.0	1.5	0.8	1.0
67.5°	2.1	2.1	2.1	1.8	1.7	2.0	2.2	1.9	1.4	1.6	1.9
65°	2.1	2.1	2.1	1.8	1.8	2.2	2.2	1.9	2.1	2.4	2.6
62.5°	2.1	2.1	2.1	1.9	2.0	2.3	2.4	2.4	2.8	3.2	2.9
60°	2.1	2.1	2.1	1.9	2.1	2.5	2.5	3.0	3.5	3.7	3.3
57.5°	2.1	2.1	2.1	2.0	2.3	2.7	3.0	3.6	4.2	4.2	4.1
55°	2.1	2.1	2.2	2.0	2.5	2.9	3.5	4.3	4.8	4.9	5.1
52.5°	2.1	2.1	2.2	2.1	2.7	3.2	4.0	4.9	5.5	5.8	6.1
50°	2.1	2.1	2.2	2.1	3.0	3.6	4.6	5.5	6.2	6.7	7.1
47.5°	2.1	2.1	2.3	2.1	3.2	4.1	5.1	6.0	7.0	7.6	8.1
45°	2.1	2.1	2.4	2.3	3.5	4.5	5.6	6.6	7.7	8.5	9.1
42.5°	2.1	2.1	2.4	2.5	3.7	4.9	6.0	7.3	8.5	9.4	11.1
40°	2.1	2.1	2.5	2.8	4.0	5.3	6.5	8.0	9.4	10.3	13.2
37.5°	2.1	2.1	2.6	3.1	4.3	5.6	7.0	8.7	10.3	11.7	15.4
35°	2.1	2.1	2.7	3.3	4.6	6.0	7.4	9.5	11.2	14.3	19.5
32.5°	2.1	2.1	2.8	3.6	4.9	6.4	7.9	10.3	12.2	17.4	27.9
30°	2.1	2.1	2.9	3.9	5.2	6.7	8.5	11.1	13.2	21.0	36.0
27.5°	2.1	2.1	3.0	4.1	5.5	7.0	9.2	12.0	15.0	24.9	43.8
25°	2.1	2.1	3.1	4.4	5.8	7.3	9.8	12.8	18.0	30.7	51.5
22.5°	2.1	2.1	3.2	4.6	6.1	7.7	10.4	13.6	21.2	37.0	61.7
20°	2.1	2.1	3.3	4.8	6.4	8.0	11.0	14.4	24.6	43.1	71.8
17.5°	2.1	2.1	3.4	5.1	6.7	8.4	11.6	15.3	28.0	48.8	81.7
15°	2.1	2.1	3.5	5.3	7.0	8.8	12.2	16.3	31.4	54.1	91.4
12.5°	2.1	2.1	3.7	5.5	7.3	9.1	12.8	17.8	35.2	59.0	100.6
10°	2.1	2.1	3.8	5.7	7.5	9.5	13.3	19.3	39.2	64.8	109.9
7.5°	2.1	2.1	3.9	5.8	7.8	9.8	13.7	20.9	43.0	70.4	119.6
5°	2.1	2.1	4.0	6.0	8.0	10.1	14.1	22.4	46.6	75.6	128.6
2.5°	2.1	2.1	4.1	6.2	8.2	10.3	14.5	23.9	49.9	80.3	136.6
0°	2.1	2.1	4.2	6.3	8.4	10.6	14.8	25.3	52.8	84.5	143.6
-2.5°	2.1	2.1	4.2	6.3	8.4	10.6	14.8	25.3	52.8	84.5	143.6
-5°	2.1	2.1	4.2	6.3	8.7	11.0	16.4	30.2	56.6	97.0	155.1
-7.5°	2.1	2.1	4.2	6.2	8.9	11.2	17.0	32.3	57.9	101.8	159.1
-10°	2.1	2.1	4.1	6.2	9.0	11.4	17.6	34.0	58.9	105.2	162.1
-12.5°	2.1	2.1	4.1	6.1	9.1	11.5	18.0	35.3	59.6	107.1	164.4
-15°	2.1	2.1	4.1	6.1	9.1	11.6	18.2	36.1	60.8	106.9	165.2
-17.5°	2.1	2.1	4.0	6.0	9.1	11.7	18.3	36.8	62.6	105.8	164.2
-20°	2.1	2.1	3.9	5.9	9.0	11.8	18.8	37.6	63.8	103.8	161.1

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CATALOG NUMBER: GFLD-SA2C-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	2.1	2.1	3.9	5.8	8.9	11.8	20.0	37.9	64.3	101.1	156.0
-25°	2.1	2.1	3.8	5.7	8.8	12.6	21.0	37.8	64.1	97.5	148.7
-27.5°	2.1	2.1	3.7	5.6	8.6	13.6	21.8	37.2	63.2	94.4	143.4
-30°	2.1	2.1	3.6	5.5	8.3	14.4	22.3	36.2	62.0	93.0	137.4
-32.5°	2.1	2.1	3.5	5.3	8.6	15.1	22.6	36.3	60.5	90.7	130.6
-35°	2.1	2.1	3.4	5.2	8.9	15.7	23.2	36.5	58.4	87.4	123.1
-37.5°	2.1	2.1	3.3	5.0	9.0	16.0	23.8	36.3	55.7	83.2	119.7
-40°	2.1	2.1	3.2	4.8	9.1	16.1	24.2	35.8	52.4	79.1	116.0
-42.5°	2.1	2.1	3.1	4.7	9.1	16.1	24.3	35.0	50.5	75.9	110.2
-45°	2.1	2.1	3.0	4.8	9.2	16.0	24.2	34.3	49.2	71.8	103.0
-47.5°	2.1	2.1	2.8	4.7	9.1	15.8	23.8	33.8	47.4	66.9	97.3
-50°	2.1	2.1	2.7	4.7	8.9	15.4	23.3	33.0	46.0	65.2	90.5
-52.5°	2.1	2.1	2.6	4.6	8.7	14.9	22.7	31.8	44.8	62.9	83.2
-55°	2.1	2.1	2.4	4.4	8.3	14.3	21.8	30.4	43.4	60.0	79.7
-57.5°	2.1	2.1	2.3	4.3	7.8	13.5	20.9	29.1	41.3	57.1	75.6
-60°	2.1	2.1	2.1	4.1	7.3	12.6	19.7	27.7	38.8	53.5	70.9
-62.5°	2.1	2.1	2.1	3.9	6.9	11.5	18.1	25.8	35.5	49.3	65.4
-65°	2.1	2.1	2.1	3.6	6.4	10.3	16.3	23.3	31.6	43.8	59.1
-67.5°	2.1	2.1	2.1	3.3	5.9	9.3	14.4	20.5	27.1	37.2	50.8
-70°	2.1	2.1	2.1	3.0	5.4	8.4	12.3	17.5	23.3	30.0	41.1
-72.5°	2.1	2.1	2.1	3.0	4.8	7.5	10.8	14.3	19.2	24.9	31.4
-75°	2.1	2.1	2.1	2.9	4.2	6.5	9.4	12.1	15.0	19.6	25.0
-77.5°	2.1	2.1	2.1	2.9	4.0	5.5	7.9	10.1	12.4	14.9	18.3
-80°	2.1	2.1	2.1	2.9	3.8	5.0	6.4	8.1	10.0	12.0	14.1
-82.5°	2.1	2.1	2.1	2.8	3.7	4.7	5.8	6.6	7.5	9.0	10.6
-85°	2.1	2.1	2.1	2.8	3.5	4.3	5.3	6.0	6.7	7.4	8.1
-87.5°	2.1	2.1	2.1	2.7	3.3	4.0	4.7	5.4	6.0	6.6	7.2
-90°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.6	1.0	0.5	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°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.8	7.4	7.9
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°	0.6	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.4	1.1	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.2	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.4	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.3	0.6	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.2	1.3	0.9	0.3	0.0	0.1	0.3	0.2	0.0	0.1	0.3
67.5°	2.0	1.5	0.9	0.6	0.8	1.1	1.0	1.1	1.1	1.2	1.1
65°	2.0	1.5	1.6	1.8	2.1	2.3	2.4	2.6	2.2	1.9	1.9
62.5°	2.2	2.4	2.7	3.1	3.4	3.7	3.7	3.3	2.5	3.1	3.6
60°	3.1	3.4	3.9	4.3	4.7	4.9	4.7	4.8	5.3	6.1	11.8
57.5°	4.2	4.5	5.0	5.7	6.3	6.4	6.5	7.1	16.7	27.3	30.2
55°	5.3	5.5	6.4	7.5	8.1	8.0	11.5	24.4	36.8	51.1	56.3
52.5°	6.4	6.9	8.4	9.7	10.4	16.3	29.3	46.8	65.1	81.4	102.5
50°	7.5	9.0	10.6	12.5	19.8	35.1	54.2	77.9	105.6	131.7	158.4
47.5°	9.4	11.3	13.7	19.6	39.2	60.3	86.7	124.9	159.1	190.6	227.2
45°	11.6	15.6	18.3	38.9	61.6	88.8	133.5	180.3	211.3	253.5	318.3
42.5°	13.9	21.6	34.9	58.7	86.4	130.3	185.8	225.7	266.9	335.3	403.4
40°	20.0	29.0	52.6	81.0	116.1	180.2	237.1	282.2	338.5	414.3	485.4
37.5°	27.4	44.2	70.7	104.8	162.6	232.8	293.8	358.3	422.9	494.4	626.3
35°	35.6	58.4	93.7	139.6	209.2	291.3	363.9	436.0	510.5	651.3	782.2
32.5°	46.4	71.4	117.6	180.2	259.5	349.6	434.0	517.2	636.8	796.2	927.4
30°	57.9	92.3	145.2	217.7	306.9	403.0	504.5	605.3	763.6	895.4	1037.9
27.5°	70.0	114.4	177.6	256.8	351.3	453.5	568.0	711.8	852.9	983.2	1139.9
25°	82.4	137.5	207.2	294.3	394.9	508.0	639.7	814.9	925.2	1069.2	1232.6
22.5°	98.4	159.5	236.5	328.2	435.4	564.0	731.9	907.8	1037.7	1158.9	1318.4
20°	116.9	184.4	268.4	370.7	475.0	618.7	823.6	1008.7	1161.5	1300.1	1446.7
17.5°	134.1	207.6	302.5	414.2	532.7	688.8	913.6	1118.4	1286.6	1441.1	1624.2
15°	150.0	229.0	335.9	455.3	589.4	769.1	994.3	1219.2	1411.3	1585.2	1793.1
12.5°	164.6	248.6	368.1	493.7	642.7	838.3	1062.1	1281.6	1492.7	1719.3	1955.3
10°	177.7	266.3	398.4	529.2	692.2	896.9	1118.1	1333.7	1546.6	1786.4	2048.6
7.5°	191.8	282.7	426.0	561.5	737.2	945.2	1162.9	1375.4	1590.2	1840.0	2109.3
5°	204.9	297.9	447.9	584.6	772.0	983.0	1196.6	1407.1	1623.2	1880.0	2155.2
2.5°	216.3	310.6	465.8	602.8	797.8	1010.8	1218.4	1433.5	1647.8	1912.5	2190.3
0°	226.0	321.0	479.4	616.7	817.3	1030.7	1231.3	1450.9	1662.1	1934.6	2213.4
-2.5°	232.2	338.0	488.7	641.0	834.3	1043.7	1242.8	1455.8	1677.6	1941.6	2239.3
-5°	236.5	351.7	494.4	659.7	845.5	1049.4	1246.6	1452.1	1681.7	1939.8	2243.1
-7.5°	239.1	361.4	497.0	670.3	849.4	1046.0	1240.2	1444.9	1675.0	1933.2	2226.3
-10°	240.5	364.4	500.6	667.1	844.3	1034.6	1225.9	1428.1	1655.8	1911.6	2194.5
-12.5°	244.5	362.5	500.0	660.0	833.2	1017.5	1204.7	1401.6	1623.9	1874.7	2150.4
-15°	245.5	358.1	494.0	649.6	816.2	995.2	1177.0	1365.1	1584.5	1838.8	2101.7
-17.5°	243.3	351.6	482.3	636.3	793.5	968.0	1144.3	1332.3	1547.6	1797.4	2050.5
-20°	237.7	343.0	464.7	620.5	766.5	937.9	1111.6	1297.9	1505.1	1740.0	1993.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626900 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2C-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	228.4	332.7	445.6	598.5	743.2	903.3	1073.3	1251.0	1452.0	1665.5	1916.3
-25°	218.9	321.1	430.5	568.3	715.2	862.9	1029.2	1193.7	1389.4	1599.2	1821.8
-27.5°	209.8	304.9	414.8	535.3	682.2	819.7	979.4	1139.8	1319.1	1524.7	1729.7
-30°	197.9	287.4	395.6	503.4	642.7	779.1	923.9	1081.8	1243.0	1438.1	1639.7
-32.5°	187.4	269.2	373.9	479.2	600.3	733.3	863.9	1014.5	1171.8	1338.1	1537.4
-35°	180.4	258.4	350.8	451.2	557.0	683.6	807.8	938.5	1091.0	1247.0	1421.9
-37.5°	174.8	245.9	326.6	422.0	522.7	631.3	747.6	867.9	1000.9	1158.3	1322.7
-40°	165.9	232.0	308.6	394.2	483.1	581.8	689.8	798.6	914.0	1067.7	1229.9
-42.5°	154.5	218.5	291.6	363.9	445.1	535.2	631.2	733.8	844.6	978.1	1127.2
-45°	145.7	201.3	272.7	337.5	404.7	487.2	577.3	670.2	774.7	889.3	1023.3
-47.5°	134.5	182.5	248.1	308.6	367.8	438.2	520.6	608.6	701.1	804.4	914.2
-50°	122.5	166.8	218.0	276.8	333.3	391.8	462.1	543.5	627.5	717.5	815.4
-52.5°	113.4	148.5	195.2	244.2	298.0	351.1	410.9	480.6	555.7	630.9	717.1
-55°	103.2	135.0	173.4	217.4	263.2	312.3	366.8	427.9	489.1	558.2	627.0
-57.5°	96.0	122.0	155.3	193.5	234.7	276.4	327.9	379.5	436.1	493.3	550.4
-60°	90.4	110.8	138.4	172.1	208.8	247.8	290.0	337.7	386.4	433.1	482.4
-62.5°	83.9	101.7	123.3	150.7	183.9	217.8	255.0	295.9	340.0	379.3	417.5
-65°	75.6	91.0	109.6	131.9	157.9	186.6	218.3	252.7	290.8	322.8	354.0
-67.5°	66.0	79.0	94.6	112.8	134.5	156.9	180.1	209.2	240.2	266.2	291.7
-70°	53.9	66.0	78.7	93.6	110.6	129.6	150.0	171.1	192.3	213.6	236.8
-72.5°	41.3	52.2	63.0	73.6	87.2	102.7	119.4	137.1	155.6	173.8	191.5
-75°	31.5	38.6	48.0	57.6	67.0	77.1	88.4	102.5	119.7	137.3	153.5
-77.5°	23.7	29.7	36.0	42.6	48.6	56.0	64.1	72.9	87.1	103.4	119.8
-80°	17.1	20.7	25.7	31.0	35.2	39.3	43.6	48.0	58.6	71.7	85.7
-82.5°	12.7	15.2	17.9	21.0	23.1	25.2	27.5	30.4	38.2	47.1	56.4
-85°	8.7	9.5	11.0	12.7	13.9	15.1	16.3	17.6	21.8	26.5	31.6
-87.5°	7.5	7.9	8.3	8.8	8.9	9.1	9.2	9.3	10.8	12.2	13.8
-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: P626900 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	8.4	9.0	9.5	10.1	10.6	11.1	11.7	12.2	12.7	12.7	12.7
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°	0.2	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.0	1.1	1.1	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.2	2.1	1.6	1.0	0.5	0.8	1.3	1.5	1.5	1.4	1.1
62.5°	3.3	3.1	2.8	3.2	3.8	4.4	4.2	4.0	3.7	3.6	3.7
60°	12.5	8.3	9.6	12.1	11.3	7.7	12.7	14.4	12.3	8.4	8.1
57.5°	31.7	30.6	35.0	51.1	56.3	51.3	61.3	74.4	74.0	63.7	63.4
55°	67.5	90.5	118.3	122.8	142.2	181.0	211.2	198.0	197.9	207.8	239.9
52.5°	128.1	149.9	157.9	179.6	220.0	249.4	268.3	287.8	309.2	331.1	353.2
50°	188.0	209.1	233.1	255.2	311.2	341.4	336.3	376.8	428.6	460.9	477.6
47.5°	275.8	309.1	359.7	439.1	480.9	511.2	548.7	594.6	653.9	734.4	796.3
45°	379.1	431.5	509.9	594.2	659.1	688.6	731.6	802.6	897.2	989.3	1056.6
42.5°	463.6	535.4	623.8	704.4	757.3	805.8	861.5	921.4	1029.7	1128.1	1205.9
40°	573.8	629.8	729.0	804.9	852.3	900.4	988.6	1078.2	1180.1	1271.8	1335.5
37.5°	713.5	776.5	879.7	965.6	1011.2	1028.1	1178.2	1302.9	1385.7	1502.8	1541.1
35°	863.6	967.2	1098.7	1210.1	1254.8	1344.0	1498.6	1672.7	1861.2	1930.6	1989.7
32.5°	1031.1	1158.9	1337.3	1456.8	1520.6	1656.1	1851.8	2037.5	2284.0	2417.8	2457.8
30°	1184.2	1330.9	1484.3	1600.4	1709.5	1872.7	2051.1	2280.1	2508.1	2679.1	2732.3
27.5°	1296.6	1458.9	1606.4	1715.2	1838.3	2014.1	2236.6	2468.5	2692.3	2866.8	2928.9
25°	1403.9	1587.4	1704.1	1830.6	1975.2	2166.8	2413.4	2671.1	2891.5	3039.0	3115.1
22.5°	1526.0	1706.9	1832.2	1939.3	2128.3	2349.2	2578.1	2869.3	3102.8	3220.5	3302.9
20°	1652.0	1856.6	2050.2	2149.9	2313.4	2593.1	2849.2	3124.1	3349.6	3472.3	3559.2
17.5°	1827.7	2088.5	2326.0	2467.1	2642.2	2976.6	3296.3	3574.4	3888.1	3998.9	4105.0
15°	2013.1	2314.9	2593.1	2816.7	3042.9	3374.2	3785.7	4121.3	4479.2	4639.0	4819.8
12.5°	2197.8	2483.5	2735.4	3023.9	3342.7	3635.8	4027.6	4445.5	4770.2	4974.1	5095.7
10°	2335.9	2601.2	2843.7	3132.8	3451.1	3782.6	4171.9	4600.2	4940.2	5114.2	5213.5
7.5°	2410.5	2664.4	2920.1	3213.2	3529.9	3883.0	4284.1	4709.1	5056.8	5225.3	5323.4
5°	2465.9	2709.7	2974.5	3283.0	3603.3	3961.3	4361.9	4781.8	5098.8	5277.9	5401.9
2.5°	2499.4	2738.4	3009.1	3328.1	3649.2	4022.1	4442.0	4877.3	5154.6	5298.7	5412.7
0°	2509.1	2749.8	3028.6	3351.7	3681.2	4057.1	4473.2	4904.1	5185.0	5324.3	5440.5
-2.5°	2520.0	2767.9	3054.3	3367.0	3693.8	4068.6	4493.3	4913.1	5165.8	5306.5	5416.9
-5°	2512.4	2769.3	3054.8	3354.4	3683.3	4055.1	4462.8	4855.4	5119.7	5271.7	5381.6
-7.5°	2489.6	2750.2	3032.8	3320.7	3643.3	4019.4	4425.3	4803.4	5071.1	5231.4	5351.7
-10°	2456.5	2709.5	2994.1	3285.6	3604.3	3962.4	4362.1	4737.8	4994.1	5164.4	5304.5
-12.5°	2419.9	2667.6	2941.9	3221.5	3536.7	3890.4	4277.7	4633.4	4888.1	5073.8	5173.9
-15°	2365.6	2613.1	2875.3	3145.8	3453.1	3796.1	4166.1	4507.3	4757.5	4908.6	5019.2
-17.5°	2296.5	2539.4	2788.0	3044.5	3334.0	3671.8	4044.0	4380.6	4584.5	4719.5	4828.2
-20°	2222.5	2447.1	2682.6	2924.7	3205.3	3539.9	3905.5	4199.0	4391.2	4520.9	4623.6



REPORT NUMBER: P626900 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2137.9	2354.2	2569.8	2801.3	3076.3	3383.2	3706.1	3989.7	4196.4	4314.5	4409.4
-25°	2041.4	2251.9	2456.6	2680.1	2932.9	3208.7	3508.9	3787.7	3972.8	4098.2	4192.3
-27.5°	1937.5	2135.2	2335.2	2535.9	2763.2	3037.9	3316.0	3575.0	3733.0	3859.4	3954.1
-30°	1833.7	2011.6	2196.6	2386.6	2599.9	2847.7	3107.7	3325.5	3492.1	3615.0	3702.9
-32.5°	1721.3	1890.0	2054.0	2231.6	2432.4	2650.8	2879.0	3086.1	3264.2	3376.7	3450.8
-35°	1606.1	1769.5	1919.5	2080.8	2257.9	2446.3	2657.0	2861.3	3037.1	3126.2	3198.4
-37.5°	1486.2	1649.1	1791.3	1926.0	2078.6	2253.1	2458.3	2653.2	2805.1	2881.7	2946.7
-40°	1381.9	1525.3	1653.3	1782.2	1906.3	2061.3	2252.8	2441.5	2563.3	2637.9	2698.4
-42.5°	1280.6	1401.6	1506.5	1622.0	1746.2	1899.0	2053.5	2211.7	2309.7	2392.5	2456.1
-45°	1162.7	1270.9	1369.2	1465.3	1578.5	1718.0	1858.4	1985.1	2076.9	2156.9	2218.9
-47.5°	1032.3	1136.7	1232.2	1318.1	1423.4	1539.7	1657.9	1763.4	1853.9	1933.0	1988.3
-50°	910.8	1004.0	1097.3	1184.2	1275.4	1369.5	1465.4	1558.0	1644.0	1720.8	1767.9
-52.5°	801.9	887.9	969.4	1045.4	1125.2	1204.7	1284.1	1368.9	1448.1	1520.8	1558.4
-55°	703.4	781.0	854.5	918.5	982.5	1045.6	1113.7	1191.9	1264.8	1332.2	1359.2
-57.5°	614.9	681.4	746.4	800.5	852.8	903.0	962.7	1028.8	1092.6	1150.3	1172.4
-60°	533.6	586.3	640.7	688.7	734.3	777.3	829.4	882.6	934.3	977.8	996.7
-62.5°	458.8	503.8	545.1	584.1	622.7	661.4	703.5	745.7	787.5	821.0	837.9
-65°	386.6	422.5	455.6	487.7	518.9	551.4	584.4	616.4	647.3	671.3	686.0
-67.5°	318.9	346.2	372.5	397.5	423.6	449.9	475.7	500.2	523.5	542.0	556.0
-70°	258.9	280.0	300.6	321.3	343.1	363.6	382.9	401.3	418.6	431.9	442.7
-72.5°	208.7	225.8	243.6	262.2	279.8	295.2	309.1	322.5	335.4	342.9	348.6
-75°	168.2	182.7	198.1	213.2	227.9	239.6	249.8	259.7	269.2	269.7	267.8
-77.5°	135.9	148.8	160.8	172.6	184.3	191.5	197.8	204.3	210.8	207.0	201.1
-80°	99.8	110.5	120.6	130.8	141.0	145.3	148.2	150.8	153.0	148.1	141.9
-82.5°	66.2	73.0	79.6	86.3	93.1	95.8	97.8	99.5	100.8	96.4	91.3
-85°	37.0	40.2	43.4	46.6	49.8	51.7	53.4	55.0	56.5	53.9	50.9
-87.5°	15.3	16.1	16.8	17.5	18.2	18.9	19.5	20.2	20.8	20.9	21.0
-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: P626900 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.2
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°	0.6	0.1	0.0	0.0	0.0	0.1	0.6	1.1	1.4	1.5	1.5
62.5°	3.8	4.0	4.2	4.2	4.2	4.0	3.8	3.7	3.6	3.7	4.0
60°	7.5	6.5	6.3	6.3	6.3	6.5	7.5	8.1	8.4	12.3	14.4
57.5°	58.5	50.1	51.4	57.0	51.4	50.1	58.5	63.4	63.7	74.0	74.4
55°	273.6	305.5	316.7	310.5	316.7	305.5	273.6	239.9	207.8	197.9	198.0
52.5°	370.7	383.7	388.8	388.6	388.8	383.7	370.7	353.2	331.1	309.2	287.8
50°	482.6	478.2	471.4	464.6	471.4	478.2	482.6	477.6	460.9	428.6	376.8
47.5°	805.4	791.5	785.6	796.2	785.6	791.5	805.4	796.3	734.4	653.9	594.6
45°	1070.3	1086.6	1098.8	1098.2	1098.8	1086.6	1070.3	1056.6	989.3	897.2	802.6
42.5°	1221.1	1229.8	1232.3	1229.2	1232.3	1229.8	1221.1	1205.9	1128.1	1029.7	921.4
40°	1355.5	1365.9	1371.7	1377.0	1371.7	1365.9	1355.5	1335.5	1271.8	1180.1	1078.2
37.5°	1553.7	1557.5	1549.2	1543.9	1549.2	1557.5	1553.7	1541.1	1502.8	1385.7	1302.9
35°	2039.5	2049.5	2026.4	2050.7	2026.4	2049.5	2039.5	1989.7	1930.6	1861.2	1672.7
32.5°	2505.5	2552.1	2589.8	2621.0	2589.8	2552.1	2505.5	2457.8	2417.8	2284.0	2037.5
30°	2769.4	2799.4	2815.6	2819.5	2815.6	2799.4	2769.4	2732.3	2679.1	2508.1	2280.1
27.5°	2963.1	2994.7	3014.3	3028.6	3014.3	2994.7	2963.1	2928.9	2866.8	2692.3	2468.5
25°	3149.9	3178.8	3198.4	3206.0	3198.4	3178.8	3149.9	3115.1	3039.0	2891.5	2671.1
22.5°	3343.7	3363.8	3382.6	3391.9	3382.6	3363.8	3343.7	3302.9	3220.5	3102.8	2869.3
20°	3621.6	3610.7	3627.8	3622.1	3627.8	3610.7	3621.6	3559.2	3472.3	3349.6	3124.1
17.5°	4187.7	4193.6	4205.1	4224.0	4205.1	4193.6	4187.7	4105.0	3998.9	3888.1	3574.4
15°	4899.8	4914.2	4987.0	5051.9	4987.0	4914.2	4899.8	4819.8	4639.0	4479.2	4121.3
12.5°	5208.6	5258.2	5265.9	5284.2	5265.9	5258.2	5208.6	5095.7	4974.1	4770.2	4445.5
10°	5311.7	5397.6	5395.7	5417.3	5395.7	5397.6	5311.7	5213.5	5114.2	4940.2	4600.2
7.5°	5389.9	5482.1	5521.1	5537.7	5521.1	5482.1	5389.9	5323.4	5225.3	5056.8	4709.1
5°	5485.4	5536.1	5603.3	5584.1	5603.3	5536.1	5485.4	5401.9	5277.9	5098.8	4781.8
2.5°	5525.4	5604.8	5586.5	5605.2	5586.5	5604.8	5525.4	5412.7	5298.7	5154.6	4877.3
0°	5552.4	5609.5	5617.9	5636.9	5617.9	5609.5	5552.4	5440.5	5324.3	5185.0	4904.1
-2.5°	5519.7	5569.9	5657.8	5630.6	5657.8	5569.9	5519.7	5416.9	5306.5	5165.8	4913.1
-5°	5491.0	5614.5	5566.5	5626.4	5566.5	5614.5	5491.0	5381.6	5271.7	5119.7	4855.4
-7.5°	5476.2	5498.2	5530.1	5575.7	5530.1	5498.2	5476.2	5351.7	5231.4	5071.1	4803.4
-10°	5361.5	5384.1	5442.6	5474.3	5442.6	5384.1	5361.5	5304.5	5164.4	4994.1	4737.8
-12.5°	5237.2	5280.9	5342.4	5362.4	5342.4	5280.9	5237.2	5173.9	5073.8	4888.1	4633.4
-15°	5093.9	5158.9	5218.8	5231.4	5218.8	5158.9	5093.9	5019.2	4908.6	4757.5	4507.3
-17.5°	4911.9	4989.8	5052.7	5066.7	5052.7	4989.8	4911.9	4828.2	4719.5	4584.5	4380.6
-20°	4711.2	4785.8	4839.4	4855.5	4839.4	4785.8	4711.2	4623.6	4520.9	4391.2	4199.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626900 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2C-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4496.4	4563.6	4608.8	4602.0	4608.8	4563.6	4496.4	4409.4	4314.5	4196.4	3989.7
-25°	4268.3	4330.6	4373.7	4367.6	4373.7	4330.6	4268.3	4192.3	4098.2	3972.8	3787.7
-27.5°	4027.2	4086.2	4127.6	4129.0	4127.6	4086.2	4027.2	3954.1	3859.4	3733.0	3575.0
-30°	3773.8	3827.4	3861.1	3848.1	3861.1	3827.4	3773.8	3702.9	3615.0	3492.1	3325.5
-32.5°	3512.4	3561.0	3591.8	3601.0	3591.8	3561.0	3512.4	3450.8	3376.7	3264.2	3086.1
-35°	3254.6	3297.4	3324.0	3330.6	3324.0	3297.4	3254.6	3198.4	3126.2	3037.1	2861.3
-37.5°	2998.5	3035.3	3053.9	3045.5	3053.9	3035.3	2998.5	2946.7	2881.7	2805.1	2653.2
-40°	2745.4	2780.5	2801.8	2806.8	2801.8	2780.5	2745.4	2698.4	2637.9	2563.3	2441.5
-42.5°	2496.6	2525.7	2544.4	2553.4	2544.4	2525.7	2496.6	2456.1	2392.5	2309.7	2211.7
-45°	2255.1	2281.1	2298.7	2308.4	2298.7	2281.1	2255.1	2218.9	2156.9	2076.9	1985.1
-47.5°	2020.1	2042.9	2058.1	2065.5	2058.1	2042.9	2020.1	1988.3	1933.0	1853.9	1763.4
-50°	1795.4	1815.2	1829.3	1837.4	1829.3	1815.2	1795.4	1767.9	1720.8	1644.0	1558.0
-52.5°	1582.4	1599.6	1611.7	1617.8	1611.7	1599.6	1582.4	1558.4	1520.8	1448.1	1368.9
-55°	1378.9	1392.9	1404.0	1410.8	1404.0	1392.9	1378.9	1359.2	1332.2	1264.8	1191.9
-57.5°	1189.1	1200.6	1211.1	1218.6	1211.1	1200.6	1189.1	1172.4	1150.3	1092.6	1028.8
-60°	1011.5	1022.3	1031.3	1037.0	1031.3	1022.3	1011.5	996.7	977.8	934.3	882.6
-62.5°	851.2	860.8	869.0	874.4	869.0	860.8	851.2	837.9	821.0	787.5	745.7
-65°	697.6	706.1	712.3	716.0	712.3	706.1	697.6	686.0	671.3	647.3	616.4
-67.5°	568.0	577.9	579.9	578.7	579.9	577.9	568.0	556.0	542.0	523.5	500.2
-70°	452.4	460.8	462.8	462.5	462.8	460.8	452.4	442.7	431.9	418.6	401.3
-72.5°	353.8	358.4	354.5	348.5	354.5	358.4	353.8	348.6	342.9	335.4	322.5
-75°	265.5	262.6	258.4	253.4	258.4	262.6	265.5	267.8	269.7	269.2	259.7
-77.5°	194.5	187.3	182.5	177.4	182.5	187.3	194.5	201.1	207.0	210.8	204.3
-80°	135.4	128.3	123.5	118.3	123.5	128.3	135.4	141.9	148.1	153.0	150.8
-82.5°	85.8	80.0	77.0	73.9	77.0	80.0	85.8	91.3	96.4	100.8	99.5
-85°	47.7	44.2	42.2	40.1	42.2	44.2	47.7	50.9	53.9	56.5	55.0
-87.5°	21.0	21.1	20.0	19.0	20.0	21.1	21.0	21.0	20.9	20.8	20.2
-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: P626900 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	11.7	11.1	10.6	10.1	9.5	9.0	8.4	7.9	7.4	6.8	6.3
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	0.1	0.1	0.0	0.0	0.2	0.3	0.1	0.0	0.2
67.5°	0.0	0.0	0.4	0.9	1.1	1.1	1.0	1.1	1.2	1.1	1.1
65°	1.3	0.8	0.5	1.0	1.6	2.1	2.2	1.9	1.9	2.2	2.6
62.5°	4.2	4.4	3.8	3.2	2.8	3.1	3.3	3.6	3.1	2.5	3.3
60°	12.7	7.7	11.3	12.1	9.6	8.3	12.5	11.8	6.1	5.3	4.8
57.5°	61.3	51.3	56.3	51.1	35.0	30.6	31.7	30.2	27.3	16.7	7.1
55°	211.2	181.0	142.2	122.8	118.3	90.5	67.5	56.3	51.1	36.8	24.4
52.5°	268.3	249.4	220.0	179.6	157.9	149.9	128.1	102.5	81.4	65.1	46.8
50°	336.3	341.4	311.2	255.2	233.1	209.1	188.0	158.4	131.7	105.6	77.9
47.5°	548.7	511.2	480.9	439.1	359.7	309.1	275.8	227.2	190.6	159.1	124.9
45°	731.6	688.6	659.1	594.2	509.9	431.5	379.1	318.3	253.5	211.3	180.3
42.5°	861.5	805.8	757.3	704.4	623.8	535.4	463.6	403.4	335.3	266.9	225.7
40°	988.6	900.4	852.3	804.9	729.0	629.8	573.8	485.4	414.3	338.5	282.2
37.5°	1178.2	1028.1	1011.2	965.6	879.7	776.5	713.5	626.3	494.4	422.9	358.3
35°	1498.6	1344.0	1254.8	1210.1	1098.7	967.2	863.6	782.2	651.3	510.5	436.0
32.5°	1851.8	1656.1	1520.6	1456.8	1337.3	1158.9	1031.1	927.4	796.2	636.8	517.2
30°	2051.1	1872.7	1709.5	1600.4	1484.3	1330.9	1184.2	1037.9	895.4	763.6	605.3
27.5°	2236.6	2014.1	1838.3	1715.2	1606.4	1458.9	1296.6	1139.9	983.2	852.9	711.8
25°	2413.4	2166.8	1975.2	1830.6	1704.1	1587.4	1403.9	1232.6	1069.2	925.2	814.9
22.5°	2578.1	2349.2	2128.3	1939.3	1832.2	1706.9	1526.0	1318.4	1158.9	1037.7	907.8
20°	2849.2	2593.1	2313.4	2149.9	2050.2	1856.6	1652.0	1446.7	1300.1	1161.5	1008.7
17.5°	3296.3	2976.6	2642.2	2467.1	2326.0	2088.5	1827.7	1624.2	1441.1	1286.6	1118.4
15°	3785.7	3374.2	3042.9	2816.7	2593.1	2314.9	2013.1	1793.1	1585.2	1411.3	1219.2
12.5°	4027.6	3635.8	3342.7	3023.9	2735.4	2483.5	2197.8	1955.3	1719.3	1492.7	1281.6
10°	4171.9	3782.6	3451.1	3132.8	2843.7	2601.2	2335.9	2048.6	1786.4	1546.6	1333.7
7.5°	4284.1	3883.0	3529.9	3213.2	2920.1	2664.4	2410.5	2109.3	1840.0	1590.2	1375.4
5°	4361.9	3961.3	3603.3	3283.0	2974.5	2709.7	2465.9	2155.2	1880.0	1623.2	1407.1
2.5°	4442.0	4022.1	3649.2	3328.1	3009.1	2738.4	2499.4	2190.3	1912.5	1647.8	1433.5
0°	4473.2	4057.1	3681.2	3351.7	3028.6	2749.8	2509.1	2213.4	1934.6	1662.1	1450.9
-2.5°	4493.3	4068.6	3693.8	3367.0	3054.3	2767.9	2520.0	2239.3	1941.6	1677.6	1455.8
-5°	4462.8	4055.1	3683.3	3354.4	3054.8	2769.3	2512.4	2243.1	1939.8	1681.7	1452.1
-7.5°	4425.3	4019.4	3643.3	3320.7	3032.8	2750.2	2489.6	2226.3	1933.2	1675.0	1444.9
-10°	4362.1	3962.4	3604.3	3285.6	2994.1	2709.5	2456.5	2194.5	1911.6	1655.8	1428.1
-12.5°	4277.7	3890.4	3536.7	3221.5	2941.9	2667.6	2419.9	2150.4	1874.7	1623.9	1401.6
-15°	4166.1	3796.1	3453.1	3145.8	2875.3	2613.1	2365.6	2101.7	1838.8	1584.5	1365.1
-17.5°	4044.0	3671.8	3334.0	3044.5	2788.0	2539.4	2296.5	2050.5	1797.4	1547.6	1332.3
-20°	3905.5	3539.9	3205.3	2924.7	2682.6	2447.1	2222.5	1993.3	1740.0	1505.1	1297.9



REPORT NUMBER: P626900 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3706.1	3383.2	3076.3	2801.3	2569.8	2354.2	2137.9	1916.3	1665.5	1452.0	1251.0
-25°	3508.9	3208.7	2932.9	2680.1	2456.6	2251.9	2041.4	1821.8	1599.2	1389.4	1193.7
-27.5°	3316.0	3037.9	2763.2	2535.9	2335.2	2135.2	1937.5	1729.7	1524.7	1319.1	1139.8
-30°	3107.7	2847.7	2599.9	2386.6	2196.6	2011.6	1833.7	1639.7	1438.1	1243.0	1081.8
-32.5°	2879.0	2650.8	2432.4	2231.6	2054.0	1890.0	1721.3	1537.4	1338.1	1171.8	1014.5
-35°	2657.0	2446.3	2257.9	2080.8	1919.5	1769.5	1606.1	1421.9	1247.0	1091.0	938.5
-37.5°	2458.3	2253.1	2078.6	1926.0	1791.3	1649.1	1486.2	1322.7	1158.3	1000.9	867.9
-40°	2252.8	2061.3	1906.3	1782.2	1653.3	1525.3	1381.9	1229.9	1067.7	914.0	798.6
-42.5°	2053.5	1899.0	1746.2	1622.0	1506.5	1401.6	1280.6	1127.2	978.1	844.6	733.8
-45°	1858.4	1718.0	1578.5	1465.3	1369.2	1270.9	1162.7	1023.3	889.3	774.7	670.2
-47.5°	1657.9	1539.7	1423.4	1318.1	1232.2	1136.7	1032.3	914.2	804.4	701.1	608.6
-50°	1465.4	1369.5	1275.4	1184.2	1097.3	1004.0	910.8	815.4	717.5	627.5	543.5
-52.5°	1284.1	1204.7	1125.2	1045.4	969.4	887.9	801.9	717.1	630.9	555.7	480.6
-55°	1113.7	1045.6	982.5	918.5	854.5	781.0	703.4	627.0	558.2	489.1	427.9
-57.5°	962.7	903.0	852.8	800.5	746.4	681.4	614.9	550.4	493.3	436.1	379.5
-60°	829.4	777.3	734.3	688.7	640.7	586.3	533.6	482.4	433.1	386.4	337.7
-62.5°	703.5	661.4	622.7	584.1	545.1	503.8	458.8	417.5	379.3	340.0	295.9
-65°	584.4	551.4	518.9	487.7	455.6	422.5	386.6	354.0	322.8	290.8	252.7
-67.5°	475.7	449.9	423.6	397.5	372.5	346.2	318.9	291.7	266.2	240.2	209.2
-70°	382.9	363.6	343.1	321.3	300.6	280.0	258.9	236.8	213.6	192.3	171.1
-72.5°	309.1	295.2	279.8	262.2	243.6	225.8	208.7	191.5	173.8	155.6	137.1
-75°	249.8	239.6	227.9	213.2	198.1	182.7	168.2	153.5	137.3	119.7	102.5
-77.5°	197.8	191.5	184.3	172.6	160.8	148.8	135.9	119.8	103.4	87.1	72.9
-80°	148.2	145.3	141.0	130.8	120.6	110.5	99.8	85.7	71.7	58.6	48.0
-82.5°	97.8	95.8	93.1	86.3	79.6	73.0	66.2	56.4	47.1	38.2	30.4
-85°	53.4	51.7	49.8	46.6	43.4	40.2	37.0	31.6	26.5	21.8	17.6
-87.5°	19.5	18.9	18.2	17.5	16.8	16.1	15.3	13.8	12.2	10.8	9.3
-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: P626900 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	5.8	5.3	4.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.7	1.1
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.6
82.5°	0.0	0.0	0.0	0.0	0.3	0.5	0.6	0.6	0.3	0.0	0.2
80°	0.0	0.0	0.0	0.1	0.5	1.1	1.4	1.4	1.1	0.8	0.4
77.5°	0.0	0.0	0.0	0.0	0.2	0.6	1.2	1.9	1.9	1.5	1.0
75°	0.0	0.0	0.0	0.1	0.1	0.0	0.4	1.1	1.7	2.1	1.6
72.5°	0.0	0.0	0.0	0.3	0.6	0.6	0.3	0.4	1.2	1.8	2.1
70°	0.3	0.1	0.0	0.3	0.9	1.3	1.2	1.0	0.8	1.5	2.0
67.5°	1.0	1.1	0.8	0.6	0.9	1.5	2.0	1.9	1.6	1.4	1.9
65°	2.4	2.3	2.1	1.8	1.6	1.5	2.0	2.6	2.4	2.1	1.9
62.5°	3.7	3.7	3.4	3.1	2.7	2.4	2.2	2.9	3.2	2.8	2.4
60°	4.7	4.9	4.7	4.3	3.9	3.4	3.1	3.3	3.7	3.5	3.0
57.5°	6.5	6.4	6.3	5.7	5.0	4.5	4.2	4.1	4.2	4.2	3.6
55°	11.5	8.0	8.1	7.5	6.4	5.5	5.3	5.1	4.9	4.8	4.3
52.5°	29.3	16.3	10.4	9.7	8.4	6.9	6.4	6.1	5.8	5.5	4.9
50°	54.2	35.1	19.8	12.5	10.6	9.0	7.5	7.1	6.7	6.2	5.5
47.5°	86.7	60.3	39.2	19.6	13.7	11.3	9.4	8.1	7.6	7.0	6.0
45°	133.5	88.8	61.6	38.9	18.3	15.6	11.6	9.1	8.5	7.7	6.6
42.5°	185.8	130.3	86.4	58.7	34.9	21.6	13.9	11.1	9.4	8.5	7.3
40°	237.1	180.2	116.1	81.0	52.6	29.0	20.0	13.2	10.3	9.4	8.0
37.5°	293.8	232.8	162.6	104.8	70.7	44.2	27.4	15.4	11.7	10.3	8.7
35°	363.9	291.3	209.2	139.6	93.7	58.4	35.6	19.5	14.3	11.2	9.5
32.5°	434.0	349.6	259.5	180.2	117.6	71.4	46.4	27.9	17.4	12.2	10.3
30°	504.5	403.0	306.9	217.7	145.2	92.3	57.9	36.0	21.0	13.2	11.1
27.5°	568.0	453.5	351.3	256.8	177.6	114.4	70.0	43.8	24.9	15.0	12.0
25°	639.7	508.0	394.9	294.3	207.2	137.5	82.4	51.5	30.7	18.0	12.8
22.5°	731.9	564.0	435.4	328.2	236.5	159.5	98.4	61.7	37.0	21.2	13.6
20°	823.6	618.7	475.0	370.7	268.4	184.4	116.9	71.8	43.1	24.6	14.4
17.5°	913.6	688.8	532.7	414.2	302.5	207.6	134.1	81.7	48.8	28.0	15.3
15°	994.3	769.1	589.4	455.3	335.9	229.0	150.0	91.4	54.1	31.4	16.3
12.5°	1062.1	838.3	642.7	493.7	368.1	248.6	164.6	100.6	59.0	35.2	17.8
10°	1118.1	896.9	692.2	529.2	398.4	266.3	177.7	109.9	64.8	39.2	19.3
7.5°	1162.9	945.2	737.2	561.5	426.0	282.7	191.8	119.6	70.4	43.0	20.9
5°	1196.6	983.0	772.0	584.6	447.9	297.9	204.9	128.6	75.6	46.6	22.4
2.5°	1218.4	1010.8	797.8	602.8	465.8	310.6	216.3	136.6	80.3	49.9	23.9
0°	1231.3	1030.7	817.3	616.7	479.4	321.0	226.0	143.6	84.5	52.8	25.3
-2.5°	1242.8	1043.7	834.3	641.0	488.7	338.0	232.2	149.9	91.2	54.9	27.9
-5°	1246.6	1049.4	845.5	659.7	494.4	351.7	236.5	155.1	97.0	56.6	30.2
-7.5°	1240.2	1046.0	849.4	670.3	497.0	361.4	239.1	159.1	101.8	57.9	32.3
-10°	1225.9	1034.6	844.3	667.1	500.6	364.4	240.5	162.1	105.2	58.9	34.0
-12.5°	1204.7	1017.5	833.2	660.0	500.0	362.5	244.5	164.4	107.1	59.6	35.3
-15°	1177.0	995.2	816.2	649.6	494.0	358.1	245.5	165.2	106.9	60.8	36.1
-17.5°	1144.3	968.0	793.5	636.3	482.3	351.6	243.3	164.2	105.8	62.6	36.8
-20°	1111.6	937.9	766.5	620.5	464.7	343.0	237.7	161.1	103.8	63.8	37.6

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626900 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2C-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1073.3	903.3	743.2	598.5	445.6	332.7	228.4	156.0	101.1	64.3	37.9
-25°	1029.2	862.9	715.2	568.3	430.5	321.1	218.9	148.7	97.5	64.1	37.8
-27.5°	979.4	819.7	682.2	535.3	414.8	304.9	209.8	143.4	94.4	63.2	37.2
-30°	923.9	779.1	642.7	503.4	395.6	287.4	197.9	137.4	93.0	62.0	36.2
-32.5°	863.9	733.3	600.3	479.2	373.9	269.2	187.4	130.6	90.7	60.5	36.3
-35°	807.8	683.6	557.0	451.2	350.8	258.4	180.4	123.1	87.4	58.4	36.5
-37.5°	747.6	631.3	522.7	422.0	326.6	245.9	174.8	119.7	83.2	55.7	36.3
-40°	689.8	581.8	483.1	394.2	308.6	232.0	165.9	116.0	79.1	52.4	35.8
-42.5°	631.2	535.2	445.1	363.9	291.6	218.5	154.5	110.2	75.9	50.5	35.0
-45°	577.3	487.2	404.7	337.5	272.7	201.3	145.7	103.0	71.8	49.2	34.3
-47.5°	520.6	438.2	367.8	308.6	248.1	182.5	134.5	97.3	66.9	47.4	33.8
-50°	462.1	391.8	333.3	276.8	218.0	166.8	122.5	90.5	65.2	46.0	33.0
-52.5°	410.9	351.1	298.0	244.2	195.2	148.5	113.4	83.2	62.9	44.8	31.8
-55°	366.8	312.3	263.2	217.4	173.4	135.0	103.2	79.7	60.0	43.4	30.4
-57.5°	327.9	276.4	234.7	193.5	155.3	122.0	96.0	75.6	57.1	41.3	29.1
-60°	290.0	247.8	208.8	172.1	138.4	110.8	90.4	70.9	53.5	38.8	27.7
-62.5°	255.0	217.8	183.9	150.7	123.3	101.7	83.9	65.4	49.3	35.5	25.8
-65°	218.3	186.6	157.9	131.9	109.6	91.0	75.6	59.1	43.8	31.6	23.3
-67.5°	180.1	156.9	134.5	112.8	94.6	79.0	66.0	50.8	37.2	27.1	20.5
-70°	150.0	129.6	110.6	93.6	78.7	66.0	53.9	41.1	30.0	23.3	17.5
-72.5°	119.4	102.7	87.2	73.6	63.0	52.2	41.3	31.4	24.9	19.2	14.3
-75°	88.4	77.1	67.0	57.6	48.0	38.6	31.5	25.0	19.6	15.0	12.1
-77.5°	64.1	56.0	48.6	42.6	36.0	29.7	23.7	18.3	14.9	12.4	10.1
-80°	43.6	39.3	35.2	31.0	25.7	20.7	17.1	14.1	12.0	10.0	8.1
-82.5°	27.5	25.2	23.1	21.0	17.9	15.2	12.7	10.6	9.0	7.5	6.6
-85°	16.3	15.1	13.9	12.7	11.0	9.5	8.7	8.1	7.4	6.7	6.0
-87.5°	9.2	9.1	8.9	8.8	8.3	7.9	7.5	7.2	6.6	6.0	5.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.6

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REPORT NUMBER: P626900 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	4.2	3.7	3.2	2.6	2.1	2.1	2.1
87.5°	1.6	1.8	1.9	2.0	2.1	2.1	2.1
85°	1.0	1.4	1.7	2.0	2.1	2.1	2.1
82.5°	0.5	1.1	1.6	1.9	2.1	2.1	2.1
80°	0.1	0.8	1.4	1.8	2.1	2.1	2.1
77.5°	0.6	0.7	1.2	1.8	2.1	2.1	2.1
75°	1.2	1.0	1.1	1.7	2.1	2.1	2.1
72.5°	1.7	1.4	1.3	1.7	2.1	2.1	2.1
70°	2.1	1.7	1.5	1.7	2.1	2.1	2.1
67.5°	2.2	2.0	1.7	1.8	2.1	2.1	2.1
65°	2.2	2.2	1.8	1.8	2.1	2.1	2.1
62.5°	2.4	2.3	2.0	1.9	2.1	2.1	2.1
60°	2.5	2.5	2.1	1.9	2.1	2.1	2.1
57.5°	3.0	2.7	2.3	2.0	2.1	2.1	2.1
55°	3.5	2.9	2.5	2.0	2.2	2.1	2.1
52.5°	4.0	3.2	2.7	2.1	2.2	2.1	2.1
50°	4.6	3.6	3.0	2.1	2.2	2.1	2.1
47.5°	5.1	4.1	3.2	2.1	2.3	2.1	2.1
45°	5.6	4.5	3.5	2.3	2.4	2.1	2.1
42.5°	6.0	4.9	3.7	2.5	2.4	2.1	2.1
40°	6.5	5.3	4.0	2.8	2.5	2.1	2.1
37.5°	7.0	5.6	4.3	3.1	2.6	2.1	2.1
35°	7.4	6.0	4.6	3.3	2.7	2.1	2.1
32.5°	7.9	6.4	4.9	3.6	2.8	2.1	2.1
30°	8.5	6.7	5.2	3.9	2.9	2.1	2.1
27.5°	9.2	7.0	5.5	4.1	3.0	2.1	2.1
25°	9.8	7.3	5.8	4.4	3.1	2.1	2.1
22.5°	10.4	7.7	6.1	4.6	3.2	2.1	2.1
20°	11.0	8.0	6.4	4.8	3.3	2.1	2.1
17.5°	11.6	8.4	6.7	5.1	3.4	2.1	2.1
15°	12.2	8.8	7.0	5.3	3.5	2.1	2.1
12.5°	12.8	9.1	7.3	5.5	3.7	2.1	2.1
10°	13.3	9.5	7.5	5.7	3.8	2.1	2.1
7.5°	13.7	9.8	7.8	5.8	3.9	2.1	2.1
5°	14.1	10.1	8.0	6.0	4.0	2.1	2.1
2.5°	14.5	10.3	8.2	6.2	4.1	2.1	2.1
0°	14.8	10.6	8.4	6.3	4.2	2.1	2.1
-2.5°	15.6	10.8	8.6	6.3	4.2	2.1	2.1
-5°	16.4	11.0	8.7	6.3	4.2	2.1	2.1
-7.5°	17.0	11.2	8.9	6.2	4.2	2.1	2.1
-10°	17.6	11.4	9.0	6.2	4.1	2.1	2.1
-12.5°	18.0	11.5	9.1	6.1	4.1	2.1	2.1
-15°	18.2	11.6	9.1	6.1	4.1	2.1	2.1
-17.5°	18.3	11.7	9.1	6.0	4.0	2.1	2.1
-20°	18.8	11.8	9.0	5.9	3.9	2.1	2.1

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	20.0	11.8	8.9	5.8	3.9	2.1	2.1
-25°	21.0	12.6	8.8	5.7	3.8	2.1	2.1
-27.5°	21.8	13.6	8.6	5.6	3.7	2.1	2.1
-30°	22.3	14.4	8.3	5.5	3.6	2.1	2.1
-32.5°	22.6	15.1	8.6	5.3	3.5	2.1	2.1
-35°	23.2	15.7	8.9	5.2	3.4	2.1	2.1
-37.5°	23.8	16.0	9.0	5.0	3.3	2.1	2.1
-40°	24.2	16.1	9.1	4.8	3.2	2.1	2.1
-42.5°	24.3	16.1	9.1	4.7	3.1	2.1	2.1
-45°	24.2	16.0	9.2	4.8	3.0	2.1	2.1
-47.5°	23.8	15.8	9.1	4.7	2.8	2.1	2.1
-50°	23.3	15.4	8.9	4.7	2.7	2.1	2.1
-52.5°	22.7	14.9	8.7	4.6	2.6	2.1	2.1
-55°	21.8	14.3	8.3	4.4	2.4	2.1	2.1
-57.5°	20.9	13.5	7.8	4.3	2.3	2.1	2.1
-60°	19.7	12.6	7.3	4.1	2.1	2.1	2.1
-62.5°	18.1	11.5	6.9	3.9	2.1	2.1	2.1
-65°	16.3	10.3	6.4	3.6	2.1	2.1	2.1
-67.5°	14.4	9.3	5.9	3.3	2.1	2.1	2.1
-70°	12.3	8.4	5.4	3.0	2.1	2.1	2.1
-72.5°	10.8	7.5	4.8	3.0	2.1	2.1	2.1
-75°	9.4	6.5	4.2	2.9	2.1	2.1	2.1
-77.5°	7.9	5.5	4.0	2.9	2.1	2.1	2.1
-80°	6.4	5.0	3.8	2.9	2.1	2.1	2.1
-82.5°	5.8	4.7	3.7	2.8	2.1	2.1	2.1
-85°	5.3	4.3	3.5	2.8	2.1	2.1	2.1
-87.5°	4.7	4.0	3.3	2.7	2.1	2.1	2.1
-90°	2.1	2.1	2.1	2.1	2.1	2.1	2.1

(END OF REPORT)