

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



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P627013 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-722-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627013 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2E-722-U-WR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE SYMMETRICAL ROUND N39
Light Source: (32) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

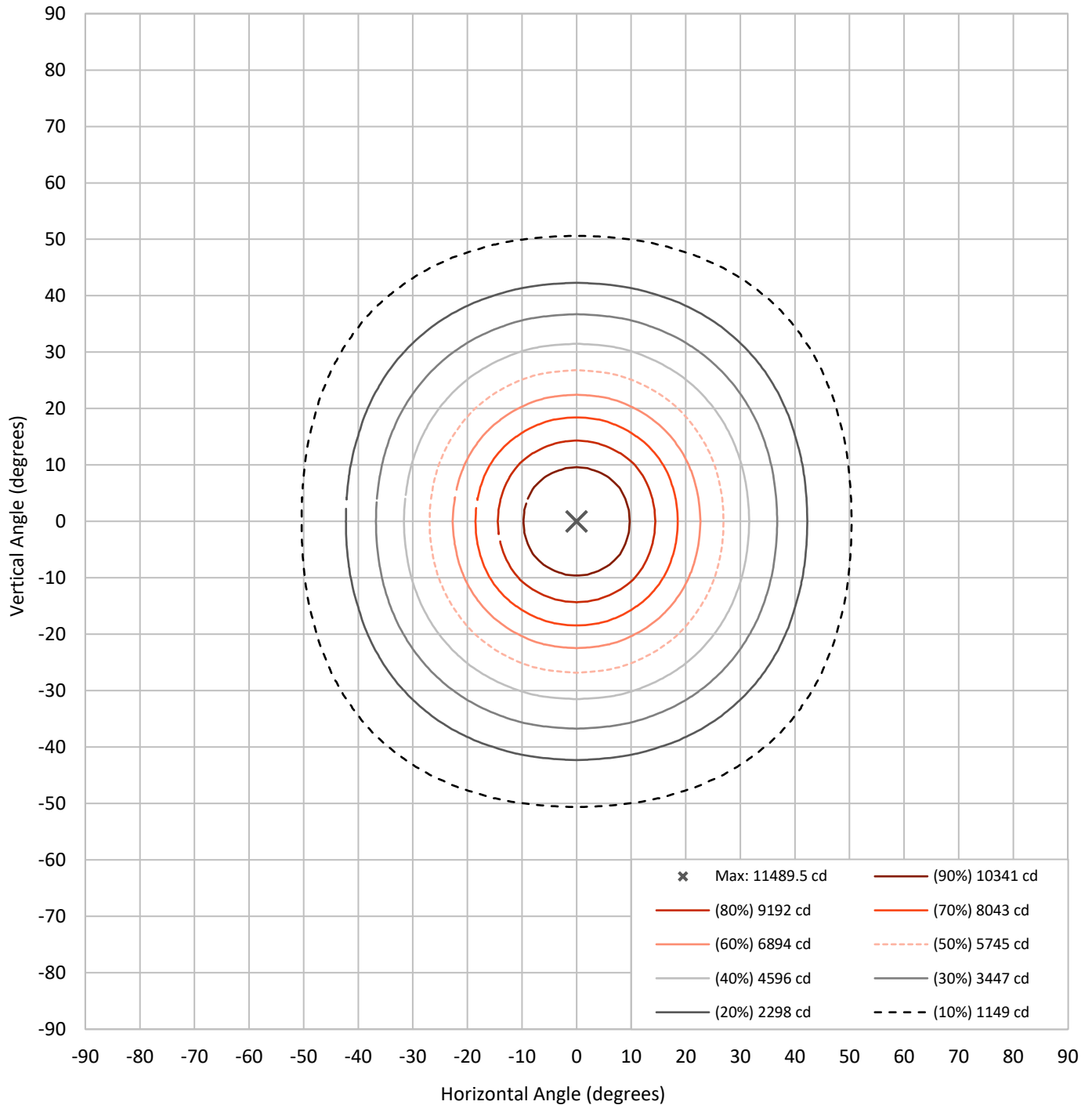
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	11693.7 lumens	Max Intensity:	11489.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	93.0 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	5591.2 lumens	Field Lumens:	10320.1 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	125.7		
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





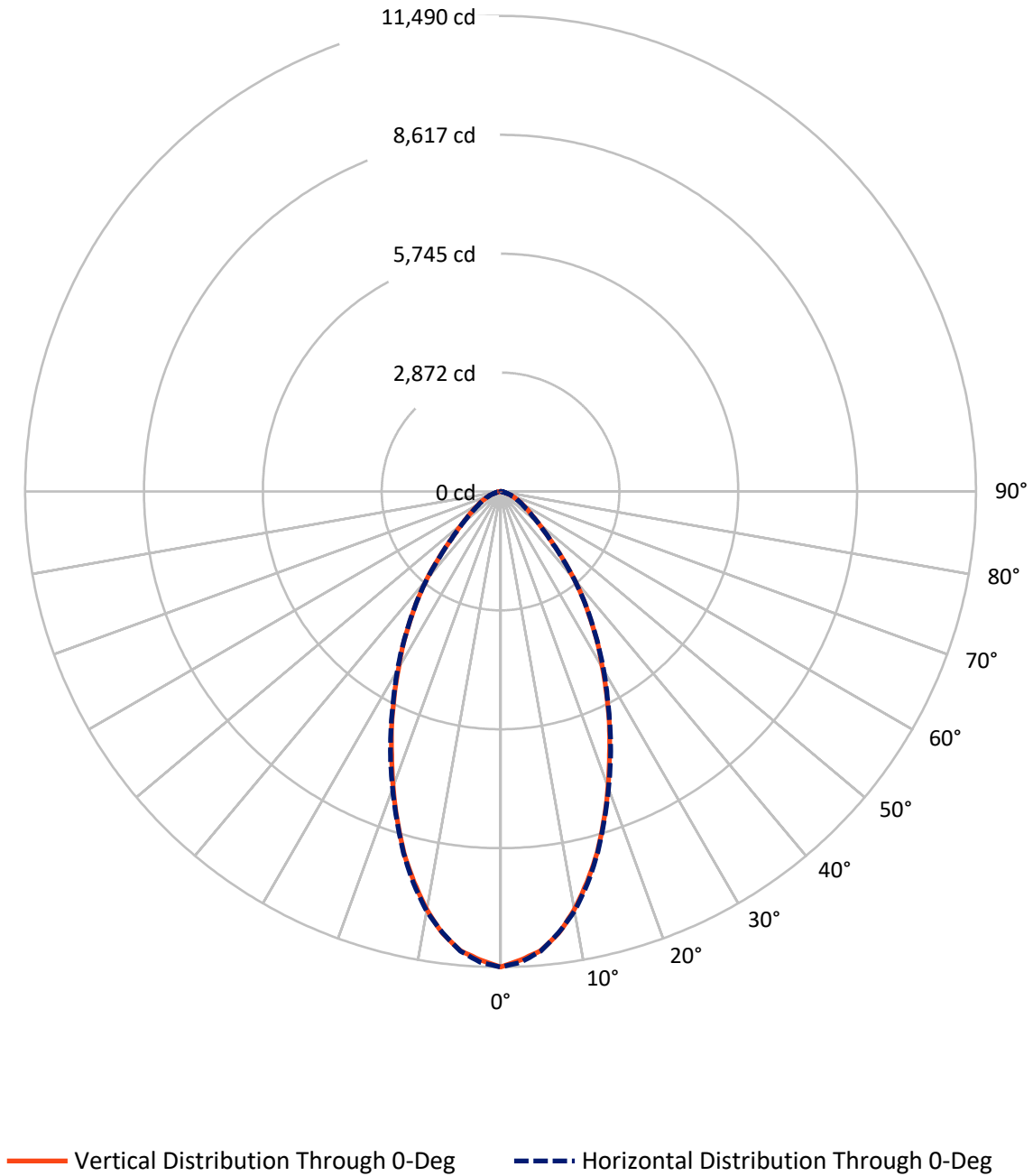
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Lumen Table

90																			
80	0.5	3.2		7.4		12.2		10.5		12.2		7.4		3.2		0.5			
70																			
60	1.5	1.8	3.4	5.4	7.8	10.1	11.9	12.7	12.7	11.9	10.1	7.8	5.4	3.4	1.8	1.5			
50		2.5	5.1	8.8	13.5	18.5	23.1	25.8	25.8	23.1	18.5	13.5	8.8	5.1	2.5				
40	2.2	3.2	7.0	13.1	22.1	33.9	46.8	55.4	55.4	46.8	33.9	22.1	13.1	7.0	3.2	2.2			
30		3.9	9.2	19.0	37.1	65.8	95.6	113.4	113.4	95.6	65.8	37.1	19.0	9.2	3.9				
20	2.6	4.6	11.4	26.7	59.9	107.7	154.1	184.2	184.2	154.1	107.7	59.9	26.7	11.4	4.6	2.6			
10		5.1	13.4	34.6	81.8	145.4	214.7	264.1	264.1	214.7	145.4	81.8	34.6	13.4	5.1				
0	2.8	5.3	14.5	39.7	94.1	169.1	257.3	323.6	323.6	257.3	169.1	94.1	39.7	14.5	5.3	2.8			
-10		5.3	14.5	39.7	94.1	169.1	257.3	323.6	323.6	257.3	169.1	94.1	39.7	14.5	5.3				
-20	2.6	5.1	13.4	34.6	81.8	145.4	214.7	264.1	264.1	214.7	145.4	81.8	34.6	13.4	5.1	2.6			
-30		4.6	11.4	26.7	59.9	107.7	154.1	184.2	184.2	154.1	107.7	59.9	26.7	11.4	4.6				
-40	2.2	3.9	9.2	19.0	37.1	65.8	95.6	113.4	113.4	95.6	65.8	37.1	19.0	9.2	3.9	2.2			
-50		3.2	7.0	13.1	22.1	33.9	46.8	55.4	55.4	46.8	33.9	22.1	13.1	7.0	3.2				
-60	1.5	2.5	5.1	8.8	13.5	18.5	23.1	25.8	25.8	23.1	18.5	13.5	8.8	5.1	2.5	1.5			
-70		1.8	3.4	5.4	7.8	10.1	11.9	12.7	12.7	11.9	10.1	7.8	5.4	3.4	1.8				
-80																			
-90	0.5	3.2		7.4		12.2		10.5		12.2		7.4		3.2		0.5			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

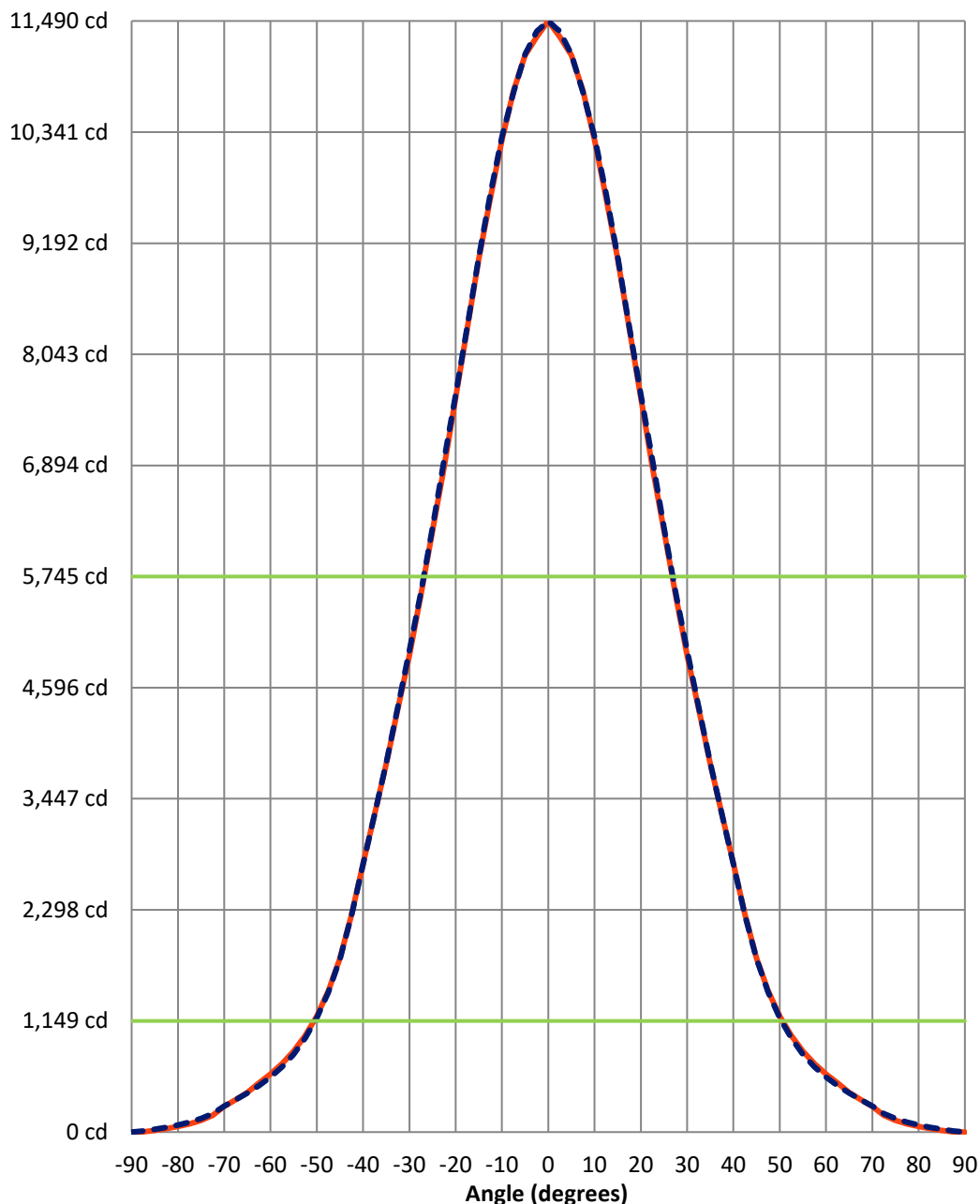
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 5591.2
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 10320.1
 Efficiency: 88.3%

Spill:
 Lumens: 1373.6
 Efficiency: 11.7%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.6	1.3	2.2	3.2	4.3	5.5	6.0	6.5	6.9	7.2
85°	0.0	1.2	2.7	4.4	6.3	8.5	10.9	12.1	13.1	13.9	14.5
82.5°	0.0	1.7	4.0	6.6	9.5	12.7	16.3	18.1	20.0	23.2	26.0
80°	0.0	2.3	5.3	8.7	12.6	16.9	22.1	27.5	32.2	36.4	40.0
77.5°	0.0	2.9	6.6	10.8	15.6	21.9	31.6	38.6	44.4	49.5	54.7
75°	0.0	3.4	7.9	12.9	18.9	28.7	40.8	49.6	56.5	63.6	71.1
72.5°	0.0	4.0	9.1	15.0	23.4	35.2	49.7	60.4	68.7	77.7	87.3
70°	0.0	4.5	10.4	17.1	27.8	41.5	58.2	70.6	80.8	91.7	104.5
67.5°	0.0	5.1	11.5	19.8	32.0	47.5	65.5	80.6	92.5	106.1	121.5
65°	0.0	5.6	12.7	22.3	35.9	53.0	72.5	90.3	104.2	120.0	137.5
62.5°	0.0	6.1	13.8	24.7	39.7	58.1	79.0	99.6	115.3	133.3	152.5
60°	0.0	6.6	14.9	27.0	43.2	62.8	85.2	108.4	125.9	146.1	167.0
57.5°	0.0	7.0	16.1	29.1	46.4	67.2	90.8	116.3	136.7	158.6	180.3
55°	0.0	7.5	17.4	31.1	49.5	71.3	95.9	122.6	147.2	170.5	193.1
52.5°	0.0	7.9	18.6	32.9	52.2	75.0	100.6	129.4	157.3	181.8	205.6
50°	0.0	8.3	19.7	34.5	54.7	78.4	104.9	135.9	167.0	192.9	219.2
47.5°	0.0	8.7	20.8	36.0	57.0	81.5	108.9	141.7	176.6	203.7	232.7
45°	0.0	9.1	21.9	37.4	59.0	84.3	113.3	147.0	183.5	215.4	245.7
42.5°	0.0	9.4	22.8	38.7	60.7	86.6	117.3	152.1	189.9	226.6	259.1
40°	0.0	9.7	23.7	40.2	62.2	88.6	120.7	157.2	196.1	237.0	272.2
37.5°	0.0	10.0	24.6	41.6	63.6	90.3	123.7	161.7	202.9	245.3	284.5
35°	0.0	10.3	25.4	42.9	64.7	92.1	126.2	165.7	209.5	254.3	297.2
32.5°	0.0	10.5	26.1	44.1	65.6	93.9	128.4	169.3	215.7	263.6	310.1
30°	0.0	10.7	26.8	45.2	66.2	95.2	131.0	172.7	221.7	272.9	322.3
27.5°	0.0	10.9	27.3	46.2	67.6	96.2	133.0	177.0	227.8	282.2	333.7
25°	0.0	11.1	27.9	47.0	69.0	96.8	134.6	180.9	234.7	291.3	344.4
22.5°	0.0	11.2	28.3	47.8	70.2	97.5	135.8	184.2	241.3	299.7	356.1
20°	0.0	11.4	28.7	48.4	71.2	99.3	136.4	187.1	247.4	307.3	366.5
17.5°	0.0	11.4	29.0	48.8	72.1	100.7	138.0	189.4	253.1	313.9	375.6
15°	0.0	11.5	29.2	49.2	72.8	101.9	139.8	191.6	258.2	319.7	383.5
12.5°	0.0	11.6	29.4	49.4	73.3	102.7	141.2	193.5	262.6	324.4	390.1
10°	0.0	11.6	29.5	49.5	73.6	103.2	142.0	194.6	266.0	328.4	395.4
7.5°	0.0	11.6	29.5	49.5	73.8	103.4	142.3	194.8	268.3	331.5	399.5
5°	0.0	11.5	29.5	49.3	73.7	103.3	142.2	194.2	269.6	333.6	402.3
2.5°	0.0	11.5	29.4	49.1	73.5	103.0	141.6	192.9	269.8	334.7	403.6
0°	0.0	11.4	29.2	48.7	73.1	102.3	140.5	190.8	268.8	334.6	403.6
-2.5°	0.0	11.5	29.4	49.1	73.5	103.0	141.6	192.9	269.8	334.7	403.6
-5°	0.0	11.5	29.5	49.3	73.7	103.3	142.2	194.2	269.6	333.6	402.3
-7.5°	0.0	11.6	29.5	49.5	73.8	103.4	142.3	194.8	268.3	331.5	399.5
-10°	0.0	11.6	29.5	49.5	73.6	103.2	142.0	194.6	266.0	328.4	395.4
-12.5°	0.0	11.6	29.4	49.4	73.3	102.7	141.2	193.5	262.6	324.4	390.1
-15°	0.0	11.5	29.2	49.2	72.8	101.9	139.8	191.6	258.2	319.7	383.5
-17.5°	0.0	11.4	29.0	48.8	72.1	100.7	138.0	189.4	253.1	313.9	375.6
-20°	0.0	11.4	28.7	48.4	71.2	99.3	136.4	187.1	247.4	307.3	366.5

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA2E-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	11.2	28.3	47.8	70.2	97.5	135.8	184.2	241.3	299.7	356.1
-25°	0.0	11.1	27.9	47.0	69.0	96.8	134.6	180.9	234.7	291.3	344.4
-27.5°	0.0	10.9	27.3	46.2	67.6	96.2	133.0	177.0	227.8	282.2	333.7
-30°	0.0	10.7	26.8	45.2	66.2	95.2	131.0	172.7	221.7	272.9	322.3
-32.5°	0.0	10.5	26.1	44.1	65.6	93.9	128.4	169.3	215.7	263.6	310.1
-35°	0.0	10.3	25.4	42.9	64.7	92.1	126.2	165.7	209.5	254.3	297.2
-37.5°	0.0	10.0	24.6	41.6	63.6	90.3	123.7	161.7	202.9	245.3	284.5
-40°	0.0	9.7	23.7	40.2	62.2	88.6	120.7	157.2	196.1	237.0	272.2
-42.5°	0.0	9.4	22.8	38.7	60.7	86.6	117.3	152.1	189.9	226.6	259.1
-45°	0.0	9.1	21.9	37.4	59.0	84.3	113.3	147.0	183.5	215.4	245.7
-47.5°	0.0	8.7	20.8	36.0	57.0	81.5	108.9	141.7	176.6	203.7	232.7
-50°	0.0	8.3	19.7	34.5	54.7	78.4	104.9	135.9	167.0	192.9	219.2
-52.5°	0.0	7.9	18.6	32.9	52.2	75.0	100.6	129.4	157.3	181.8	205.6
-55°	0.0	7.5	17.4	31.1	49.5	71.3	95.9	122.6	147.2	170.5	193.1
-57.5°	0.0	7.0	16.1	29.1	46.4	67.2	90.8	116.3	136.7	158.6	180.3
-60°	0.0	6.6	14.9	27.0	43.2	62.8	85.2	108.4	125.9	146.1	167.0
-62.5°	0.0	6.1	13.8	24.7	39.7	58.1	79.0	99.6	115.3	133.3	152.5
-65°	0.0	5.6	12.7	22.3	35.9	53.0	72.5	90.3	104.2	120.0	137.5
-67.5°	0.0	5.1	11.5	19.8	32.0	47.5	65.5	80.6	92.5	106.1	121.5
-70°	0.0	4.5	10.4	17.1	27.8	41.5	58.2	70.6	80.8	91.7	104.5
-72.5°	0.0	4.0	9.1	15.0	23.4	35.2	49.7	60.4	68.7	77.7	87.3
-75°	0.0	3.4	7.9	12.9	18.9	28.7	40.8	49.6	56.5	63.6	71.1
-77.5°	0.0	2.9	6.6	10.8	15.6	21.9	31.6	38.6	44.4	49.5	54.7
-80°	0.0	2.3	5.3	8.7	12.6	16.9	22.1	27.5	32.2	36.4	40.0
-82.5°	0.0	1.7	4.0	6.6	9.5	12.7	16.3	18.1	20.0	23.2	26.0
-85°	0.0	1.2	2.7	4.4	6.3	8.5	10.9	12.1	13.1	13.9	14.5
-87.5°	0.0	0.6	1.3	2.2	3.2	4.3	5.5	6.0	6.5	6.9	7.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	7.3	7.3	7.2	7.0	6.7	6.3	5.8	5.2	5.4	5.6	5.8
85°	14.7	14.7	15.9	17.0	17.5	17.6	17.2	16.5	18.6	21.1	23.7
82.5°	28.6	31.1	33.4	35.6	35.9	35.3	34.2	32.9	37.2	42.5	48.0
80°	43.8	47.5	51.7	55.6	56.6	56.1	54.9	52.9	58.6	66.7	75.5
77.5°	60.8	66.6	72.0	77.0	78.4	78.2	77.3	75.7	83.0	94.2	105.9
75°	78.7	85.7	92.7	98.9	101.5	101.7	101.4	103.1	112.7	125.8	137.4
72.5°	97.4	106.4	114.2	121.0	125.2	128.4	132.6	137.9	147.6	160.5	171.8
70°	117.2	127.1	135.4	142.9	149.3	156.3	165.3	174.3	184.5	197.3	209.1
67.5°	136.7	146.7	156.1	165.2	177.0	188.3	199.5	211.1	224.0	237.5	249.4
65°	154.7	166.1	177.5	190.9	206.1	218.9	232.7	247.8	264.7	279.9	293.7
62.5°	172.1	184.9	199.0	215.2	231.7	247.6	266.1	285.6	305.3	324.4	343.3
60°	186.7	202.7	219.8	238.0	257.1	278.8	300.5	323.7	347.2	370.2	393.6
57.5°	200.8	220.5	240.3	261.5	285.3	310.1	336.2	362.3	390.4	418.2	444.8
55°	215.4	238.7	261.1	286.3	313.5	342.7	372.1	403.8	434.8	469.8	502.1
52.5°	231.0	256.3	282.7	311.5	343.4	376.2	410.8	447.0	485.6	524.5	564.0
50°	246.2	274.8	304.2	338.6	374.2	411.8	451.6	493.8	538.8	583.9	631.6
47.5°	262.1	292.6	328.5	365.9	406.7	449.5	494.6	544.8	594.8	651.5	706.3
45°	277.8	312.9	351.9	395.3	440.1	488.2	541.8	597.0	660.9	724.9	796.9
42.5°	292.9	333.4	377.4	423.8	474.7	530.0	589.4	658.7	730.8	810.1	894.5
40°	310.3	352.9	402.5	454.4	509.5	572.8	644.2	721.2	809.1	903.0	999.0
37.5°	327.1	375.0	427.2	483.5	547.5	618.8	697.6	792.1	893.4	1000.2	1130.8
35°	342.8	396.0	452.7	514.4	583.7	666.3	760.6	864.9	981.8	1119.5	1271.8
32.5°	359.6	415.8	476.8	546.0	624.5	714.6	821.8	944.6	1082.8	1239.7	1430.3
30°	376.4	436.3	500.7	575.5	662.9	767.2	889.0	1024.7	1183.7	1380.5	1604.2
27.5°	392.0	455.4	526.0	606.9	700.2	815.8	953.6	1112.7	1300.0	1522.3	1783.7
25°	406.3	472.8	549.2	636.7	741.4	868.1	1017.6	1193.7	1416.3	1681.4	2003.0
22.5°	420.0	488.7	570.1	663.5	778.6	918.8	1087.0	1288.6	1534.7	1832.2	2217.9
20°	432.8	505.8	591.0	689.2	811.7	964.6	1150.9	1377.2	1657.2	2009.4	2428.5
17.5°	444.0	520.9	610.7	717.0	848.7	1011.1	1211.1	1455.3	1766.2	2167.7	2622.9
15°	453.7	533.9	627.7	741.1	882.0	1057.3	1274.3	1541.1	1879.9	2311.6	2793.6
12.5°	461.7	544.9	642.1	761.3	910.0	1096.4	1328.3	1617.5	1990.8	2447.1	2943.4
10°	468.1	553.6	653.6	777.7	932.5	1128.2	1372.8	1680.0	2083.0	2563.3	3070.2
7.5°	473.5	560.5	662.5	790.1	949.6	1152.4	1407.4	1728.2	2155.0	2655.3	3167.4
5°	477.3	565.4	669.2	798.7	962.1	1169.3	1431.6	1762.0	2206.3	2722.0	3234.0
2.5°	479.5	568.0	673.0	803.3	969.8	1178.9	1444.3	1783.1	2234.4	2760.1	3274.2
0°	479.9	568.4	674.0	803.9	972.0	1180.7	1446.2	1789.7	2240.4	2769.9	3288.8
-2.5°	479.5	568.0	673.0	803.3	969.8	1178.9	1444.3	1783.1	2234.4	2760.1	3274.2
-5°	477.3	565.4	669.2	798.7	962.1	1169.3	1431.6	1762.0	2206.3	2722.0	3234.0
-7.5°	473.5	560.5	662.5	790.1	949.6	1152.4	1407.4	1728.2	2155.0	2655.3	3167.4
-10°	468.1	553.6	653.6	777.7	932.5	1128.2	1372.8	1680.0	2083.0	2563.3	3070.2
-12.5°	461.7	544.9	642.1	761.3	910.0	1096.4	1328.3	1617.5	1990.8	2447.1	2943.4
-15°	453.7	533.9	627.7	741.1	882.0	1057.3	1274.3	1541.1	1879.9	2311.6	2793.6
-17.5°	444.0	520.9	610.7	717.0	848.7	1011.1	1211.1	1455.3	1766.2	2167.7	2622.9
-20°	432.8	505.8	591.0	689.2	811.7	964.6	1150.9	1377.2	1657.2	2009.4	2428.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627013 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	420.0	488.7	570.1	663.5	778.6	918.8	1087.0	1288.6	1534.7	1832.2	2217.9
-25°	406.3	472.8	549.2	636.7	741.4	868.1	1017.6	1193.7	1416.3	1681.4	2003.0
-27.5°	392.0	455.4	526.0	606.9	700.2	815.8	953.6	1112.7	1300.0	1522.3	1783.7
-30°	376.4	436.3	500.7	575.5	662.9	767.2	889.0	1024.7	1183.7	1380.5	1604.2
-32.5°	359.6	415.8	476.8	546.0	624.5	714.6	821.8	944.6	1082.8	1239.7	1430.3
-35°	342.8	396.0	452.7	514.4	583.7	666.3	760.6	864.9	981.8	1119.5	1271.8
-37.5°	327.1	375.0	427.2	483.5	547.5	618.8	697.6	792.1	893.4	1000.2	1130.8
-40°	310.3	352.9	402.5	454.4	509.5	572.8	644.2	721.2	809.1	903.0	999.0
-42.5°	292.9	333.4	377.4	423.8	474.7	530.0	589.4	658.7	730.8	810.1	894.5
-45°	277.8	312.9	351.9	395.3	440.1	488.2	541.8	597.0	660.9	724.9	796.9
-47.5°	262.1	292.6	328.5	365.9	406.7	449.5	494.6	544.8	594.8	651.5	706.3
-50°	246.2	274.8	304.2	338.6	374.2	411.8	451.6	493.8	538.8	583.9	631.6
-52.5°	231.0	256.3	282.7	311.5	343.4	376.2	410.8	447.0	485.6	524.5	564.0
-55°	215.4	238.7	261.1	286.3	313.5	342.7	372.1	403.8	434.8	469.8	502.1
-57.5°	200.8	220.5	240.3	261.5	285.3	310.1	336.2	362.3	390.4	418.2	444.8
-60°	186.7	202.7	219.8	238.0	257.1	278.8	300.5	323.7	347.2	370.2	393.6
-62.5°	172.1	184.9	199.0	215.2	231.7	247.6	266.1	285.6	305.3	324.4	343.3
-65°	154.7	166.1	177.5	190.9	206.1	218.9	232.7	247.8	264.7	279.9	293.7
-67.5°	136.7	146.7	156.1	165.2	177.0	188.3	199.5	211.1	224.0	237.5	249.4
-70°	117.2	127.1	135.4	142.9	149.3	156.3	165.3	174.3	184.5	197.3	209.1
-72.5°	97.4	106.4	114.2	121.0	125.2	128.4	132.6	137.9	147.6	160.5	171.8
-75°	78.7	85.7	92.7	98.9	101.5	101.7	101.4	103.1	112.7	125.8	137.4
-77.5°	60.8	66.6	72.0	77.0	78.4	78.2	77.3	75.7	83.0	94.2	105.9
-80°	43.8	47.5	51.7	55.6	56.6	56.1	54.9	52.9	58.6	66.7	75.5
-82.5°	28.6	31.1	33.4	35.6	35.9	35.3	34.2	32.9	37.2	42.5	48.0
-85°	14.7	14.7	15.9	17.0	17.5	17.6	17.2	16.5	18.6	21.1	23.7
-87.5°	7.3	7.3	7.2	7.0	6.7	6.3	5.8	5.2	5.4	5.6	5.8
-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: P627013 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-U-WR-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°	6.0	5.8	5.6	5.4	5.2	5.1	5.0	4.9	4.7	4.4	4.0
85°	26.4	27.0	27.3	27.5	27.5	28.4	29.2	30.0	30.6	27.8	24.6
82.5°	53.7	56.2	58.4	60.6	62.8	64.3	65.4	66.2	66.7	60.4	53.3
80°	84.5	89.8	94.2	98.4	102.4	103.4	103.4	102.8	101.7	93.1	83.3
77.5°	117.5	124.5	130.0	135.5	140.8	142.8	143.8	144.5	145.0	134.3	121.1
75°	147.5	155.8	163.5	170.6	177.2	180.7	182.8	184.5	185.8	175.0	160.9
72.5°	181.7	190.4	198.8	206.7	213.7	218.3	221.3	223.8	225.8	219.6	210.8
70°	219.3	228.3	237.1	245.3	253.2	259.5	264.4	268.6	272.1	272.8	272.5
67.5°	261.0	271.6	282.1	291.1	300.5	309.3	317.0	323.4	328.6	332.0	333.9
65°	307.8	323.8	338.1	350.3	360.4	372.1	382.5	390.4	396.0	400.2	403.8
62.5°	362.9	382.4	398.8	414.9	431.6	447.8	457.9	468.1	478.0	487.4	495.4
60°	416.0	437.4	459.5	480.2	499.3	516.9	535.1	551.2	565.3	577.1	585.8
57.5°	472.6	498.6	523.8	550.0	574.7	597.7	620.1	640.9	658.8	673.9	686.2
55°	534.0	565.8	595.7	629.0	661.3	690.7	717.8	745.5	770.5	792.5	810.0
52.5°	600.2	641.6	681.2	720.3	762.1	799.8	833.5	872.0	906.1	934.3	956.3
50°	679.3	727.9	780.2	828.6	881.4	933.3	981.1	1027.5	1072.8	1112.1	1143.8
47.5°	769.3	829.1	894.0	958.2	1023.6	1094.5	1157.9	1216.7	1280.1	1335.2	1379.3
45°	869.4	945.7	1024.0	1114.1	1197.2	1288.4	1372.8	1448.6	1538.5	1617.7	1681.5
42.5°	980.5	1082.0	1184.9	1298.5	1408.8	1524.5	1647.5	1756.5	1875.8	1989.5	2081.4
40°	1118.1	1239.4	1377.3	1514.8	1673.0	1821.7	2000.8	2163.6	2311.4	2447.0	2558.1
37.5°	1270.9	1427.2	1600.4	1779.5	1996.0	2208.2	2417.9	2615.9	2790.6	2939.0	3063.5
35°	1444.5	1643.1	1852.9	2114.4	2368.0	2622.3	2859.1	3075.4	3265.4	3432.9	3575.2
32.5°	1644.2	1882.5	2176.2	2469.9	2759.4	3039.2	3299.2	3535.2	3743.6	3931.6	4095.2
30°	1854.2	2179.3	2508.9	2831.2	3147.3	3453.8	3739.1	3999.0	4234.6	4443.8	4632.4
27.5°	2120.9	2481.2	2840.6	3188.1	3535.8	3871.3	4180.5	4469.2	4739.5	4976.0	5191.6
25°	2378.9	2776.9	3159.0	3537.9	3916.4	4276.6	4622.3	4948.5	5258.0	5529.4	5770.1
22.5°	2636.9	3053.5	3461.8	3869.1	4275.7	4677.3	5065.5	5439.2	5785.3	6094.4	6365.3
20°	2875.8	3311.4	3748.0	4187.1	4627.8	5067.4	5503.4	5923.9	6309.5	6666.4	6980.0
17.5°	3090.1	3553.3	4016.2	4485.9	4963.6	5440.9	5925.2	6396.5	6837.5	7243.4	7607.2
15°	3279.7	3763.1	4260.2	4767.1	5280.1	5798.4	6326.9	6854.3	7350.6	7811.7	8217.8
12.5°	3445.6	3948.1	4469.2	5007.7	5564.5	6129.1	6706.0	7284.0	7833.5	8365.8	8804.3
10°	3582.4	4105.5	4650.1	5215.9	5803.2	6410.8	7029.7	7652.0	8257.3	8822.0	9323.5
7.5°	3688.1	4230.8	4791.9	5380.5	5996.6	6637.3	7292.9	7953.3	8599.2	9207.8	9762.6
5°	3762.7	4321.9	4890.2	5502.4	6139.9	6803.9	7485.3	8173.4	8848.7	9488.5	10063.6
2.5°	3806.0	4376.7	4947.4	5576.5	6225.1	6904.7	7604.5	8304.0	8997.1	9660.7	10251.6
0°	3817.4	4393.1	4980.2	5584.4	6251.9	6951.9	7626.7	8328.3	9048.6	9703.1	10291.8
-2.5°	3806.0	4376.7	4947.4	5576.5	6225.1	6904.7	7604.5	8304.0	8997.1	9660.7	10251.6
-5°	3762.7	4321.9	4890.2	5502.4	6139.9	6803.9	7485.3	8173.4	8848.7	9488.5	10063.6
-7.5°	3688.1	4230.8	4791.9	5380.5	5996.6	6637.3	7292.9	7953.3	8599.2	9207.8	9762.6
-10°	3582.4	4105.5	4650.1	5215.9	5803.2	6410.8	7029.7	7652.0	8257.3	8822.0	9323.5
-12.5°	3445.6	3948.1	4469.2	5007.7	5564.5	6129.1	6706.0	7284.0	7833.5	8365.8	8804.3
-15°	3279.7	3763.1	4260.2	4767.1	5280.1	5798.4	6326.9	6854.3	7350.6	7811.7	8217.8
-17.5°	3090.1	3553.3	4016.2	4485.9	4963.6	5440.9	5925.2	6396.5	6837.5	7243.4	7607.2
-20°	2875.8	3311.4	3748.0	4187.1	4627.8	5067.4	5503.4	5923.9	6309.5	6666.4	6980.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627013 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2636.9	3053.5	3461.8	3869.1	4275.7	4677.3	5065.5	5439.2	5785.3	6094.4	6365.3
-25°	2378.9	2776.9	3159.0	3537.9	3916.4	4276.6	4622.3	4948.5	5258.0	5529.4	5770.1
-27.5°	2120.9	2481.2	2840.6	3188.1	3535.8	3871.3	4180.5	4469.2	4739.5	4976.0	5191.6
-30°	1854.2	2179.3	2508.9	2831.2	3147.3	3453.8	3739.1	3999.0	4234.6	4443.8	4632.4
-32.5°	1644.2	1882.5	2176.2	2469.9	2759.4	3039.2	3299.2	3535.2	3743.6	3931.6	4095.2
-35°	1444.5	1643.1	1852.9	2114.4	2368.0	2622.3	2859.1	3075.4	3265.4	3432.9	3575.2
-37.5°	1270.9	1427.2	1600.4	1779.5	1996.0	2208.2	2417.9	2615.9	2790.6	2939.0	3063.5
-40°	1118.1	1239.4	1377.3	1514.8	1673.0	1821.7	2000.8	2163.6	2311.4	2447.0	2558.1
-42.5°	980.5	1082.0	1184.9	1298.5	1408.8	1524.5	1647.5	1756.5	1875.8	1989.5	2081.4
-45°	869.4	945.7	1024.0	1114.1	1197.2	1288.4	1372.8	1448.6	1538.5	1617.7	1681.5
-47.5°	769.3	829.1	894.0	958.2	1023.6	1094.5	1157.9	1216.7	1280.1	1335.2	1379.3
-50°	679.3	727.9	780.2	828.6	881.4	933.3	981.1	1027.5	1072.8	1112.1	1143.8
-52.5°	600.2	641.6	681.2	720.3	762.1	799.8	833.5	872.0	906.1	934.3	956.3
-55°	534.0	565.8	595.7	629.0	661.3	690.7	717.8	745.5	770.5	792.5	810.0
-57.5°	472.6	498.6	523.8	550.0	574.7	597.7	620.1	640.9	658.8	673.9	686.2
-60°	416.0	437.4	459.5	480.2	499.3	516.9	535.1	551.2	565.3	577.1	585.8
-62.5°	362.9	382.4	398.8	414.9	431.6	447.8	457.9	468.1	478.0	487.4	495.4
-65°	307.8	323.8	338.1	350.3	360.4	372.1	382.5	390.4	396.0	400.2	403.8
-67.5°	261.0	271.6	282.1	291.1	300.5	309.3	317.0	323.4	328.6	332.0	333.9
-70°	219.3	228.3	237.1	245.3	253.2	259.5	264.4	268.6	272.1	272.8	272.5
-72.5°	181.7	190.4	198.8	206.7	213.7	218.3	221.3	223.8	225.8	219.6	210.8
-75°	147.5	155.8	163.5	170.6	177.2	180.7	182.8	184.5	185.8	175.0	160.9
-77.5°	117.5	124.5	130.0	135.5	140.8	142.8	143.8	144.5	145.0	134.3	121.1
-80°	84.5	89.8	94.2	98.4	102.4	103.4	103.4	102.8	101.7	93.1	83.3
-82.5°	53.7	56.2	58.4	60.6	62.8	64.3	65.4	66.2	66.7	60.4	53.3
-85°	26.4	27.0	27.3	27.5	27.5	28.4	29.2	30.0	30.6	27.8	24.6
-87.5°	6.0	5.8	5.6	5.4	5.2	5.1	5.0	4.9	4.7	4.4	4.0
-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: P627013 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-722-U-WR-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°	3.6	3.2	2.8	2.4	2.8	3.2	3.6	4.0	4.4	4.7	4.9
85°	21.3	17.8	17.5	17.1	17.5	17.8	21.3	24.6	27.8	30.6	30.0
82.5°	45.9	38.1	36.9	35.7	36.9	38.1	45.9	53.3	60.4	66.7	66.2
80°	73.0	62.5	60.4	58.5	60.4	62.5	73.0	83.3	93.1	101.7	102.8
77.5°	107.2	92.7	88.5	84.5	88.5	92.7	107.2	121.1	134.3	145.0	144.5
75°	146.2	130.9	125.8	121.0	125.8	130.9	146.2	160.9	175.0	185.8	184.5
72.5°	201.9	192.6	183.2	173.0	183.2	192.6	201.9	210.8	219.6	225.8	223.8
70°	272.2	271.6	269.2	265.5	269.2	271.6	272.2	272.5	272.8	272.1	268.6
67.5°	334.7	334.4	335.2	335.4	335.2	334.4	334.7	333.9	332.0	328.6	323.4
65°	406.1	406.9	408.6	409.3	408.6	406.9	406.1	403.8	400.2	396.0	390.4
62.5°	501.6	505.8	507.8	507.5	507.8	505.8	501.6	495.4	487.4	478.0	468.1
60°	592.4	596.7	599.4	600.1	599.4	596.7	592.4	585.8	577.1	565.3	551.2
57.5°	695.9	703.0	706.8	707.3	706.8	703.0	695.9	686.2	673.9	658.8	640.9
55°	823.4	832.7	836.9	836.4	836.9	832.7	823.4	810.0	792.5	770.5	745.5
52.5°	972.9	984.3	992.8	998.0	992.8	984.3	972.9	956.3	934.3	906.1	872.0
50°	1167.6	1184.0	1194.4	1198.6	1194.4	1184.0	1167.6	1143.8	1112.1	1072.8	1027.5
47.5°	1411.2	1432.8	1448.9	1460.0	1448.9	1432.8	1411.2	1379.3	1335.2	1280.1	1216.7
45°	1728.6	1761.5	1783.9	1797.0	1783.9	1761.5	1728.6	1681.5	1617.7	1538.5	1448.6
42.5°	2153.1	2204.3	2235.7	2247.7	2235.7	2204.3	2153.1	2081.4	1989.5	1875.8	1756.5
40°	2645.8	2707.3	2747.7	2775.6	2747.7	2707.3	2645.8	2558.1	2447.0	2311.4	2163.6
37.5°	3159.0	3223.6	3262.9	3289.6	3262.9	3223.6	3159.0	3063.5	2939.0	2790.6	2615.9
35°	3682.5	3750.2	3787.0	3807.7	3787.0	3750.2	3682.5	3575.2	3432.9	3265.4	3075.4
32.5°	4220.0	4294.5	4334.6	4376.1	4334.6	4294.5	4220.0	4095.2	3931.6	3743.6	3535.2
30°	4781.4	4866.9	4908.9	4929.1	4908.9	4866.9	4781.4	4632.4	4443.8	4234.6	3999.0
27.5°	5365.5	5472.1	5524.7	5559.2	5524.7	5472.1	5365.5	5191.6	4976.0	4739.5	4469.2
25°	5973.3	6105.4	6165.6	6219.4	6165.6	6105.4	5973.3	5770.1	5529.4	5258.0	4948.5
22.5°	6603.9	6768.4	6838.1	6876.3	6838.1	6768.4	6603.9	6365.3	6094.4	5785.3	5439.2
20°	7251.1	7447.6	7544.4	7594.2	7544.4	7447.6	7251.1	6980.0	6666.4	6309.5	5923.9
17.5°	7912.7	8157.3	8282.5	8311.2	8282.5	8157.3	7912.7	7607.2	7243.4	6837.5	6396.5
15°	8562.3	8826.8	8974.8	9029.1	8974.8	8826.8	8562.3	8217.8	7811.7	7350.6	6854.3
12.5°	9177.5	9451.6	9628.5	9660.0	9628.5	9451.6	9177.5	8804.3	8365.8	7833.5	7284.0
10°	9735.5	10019.4	10214.7	10259.3	10214.7	10019.4	9735.5	9323.5	8822.0	8257.3	7652.0
7.5°	10201.9	10513.4	10729.2	10766.8	10729.2	10513.4	10201.9	9762.6	9207.8	8599.2	7953.3
5°	10543.1	10913.1	11090.2	11134.7	11090.2	10913.1	10543.1	10063.6	9488.5	8848.7	8173.4
2.5°	10730.3	11106.9	11353.1	11324.7	11353.1	11106.9	10730.3	10251.6	9660.7	8997.1	8304.0
0°	10751.4	11145.2	11380.7	11489.5	11380.7	11145.2	10751.4	10291.8	9703.1	9048.6	8328.3
-2.5°	10730.3	11106.9	11353.1	11324.7	11353.1	11106.9	10730.3	10251.6	9660.7	8997.1	8304.0
-5°	10543.1	10913.1	11090.2	11134.7	11090.2	10913.1	10543.1	10063.6	9488.5	8848.7	8173.4
-7.5°	10201.9	10513.4	10729.2	10766.8	10729.2	10513.4	10201.9	9762.6	9207.8	8599.2	7953.3
-10°	9735.5	10019.4	10214.7	10259.3	10214.7	10019.4	9735.5	9323.5	8822.0	8257.3	7652.0
-12.5°	9177.5	9451.6	9628.5	9660.0	9628.5	9451.6	9177.5	8804.3	8365.8	7833.5	7284.0
-15°	8562.3	8826.8	8974.8	9029.1	8974.8	8826.8	8562.3	8217.8	7811.7	7350.6	6854.3
-17.5°	7912.7	8157.3	8282.5	8311.2	8282.5	8157.3	7912.7	7607.2	7243.4	6837.5	6396.5
-20°	7251.1	7447.6	7544.4	7594.2	7544.4	7447.6	7251.1	6980.0	6666.4	6309.5	5923.9



REPORT NUMBER: P627013 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	6603.9	6768.4	6838.1	6876.3	6838.1	6768.4	6603.9	6365.3	6094.4	5785.3	5439.2
-25°	5973.3	6105.4	6165.6	6219.4	6165.6	6105.4	5973.3	5770.1	5529.4	5258.0	4948.5
-27.5°	5365.5	5472.1	5524.7	5559.2	5524.7	5472.1	5365.5	5191.6	4976.0	4739.5	4469.2
-30°	4781.4	4866.9	4908.9	4929.1	4908.9	4866.9	4781.4	4632.4	4443.8	4234.6	3999.0
-32.5°	4220.0	4294.5	4334.6	4376.1	4334.6	4294.5	4220.0	4095.2	3931.6	3743.6	3535.2
-35°	3682.5	3750.2	3787.0	3807.7	3787.0	3750.2	3682.5	3575.2	3432.9	3265.4	3075.4
-37.5°	3159.0	3223.6	3262.9	3289.6	3262.9	3223.6	3159.0	3063.5	2939.0	2790.6	2615.9
-40°	2645.8	2707.3	2747.7	2775.6	2747.7	2707.3	2645.8	2558.1	2447.0	2311.4	2163.6
-42.5°	2153.1	2204.3	2235.7	2247.7	2235.7	2204.3	2153.1	2081.4	1989.5	1875.8	1756.5
-45°	1728.6	1761.5	1783.9	1797.0	1783.9	1761.5	1728.6	1681.5	1617.7	1538.5	1448.6
-47.5°	1411.2	1432.8	1448.9	1460.0	1448.9	1432.8	1411.2	1379.3	1335.2	1280.1	1216.7
-50°	1167.6	1184.0	1194.4	1198.6	1194.4	1184.0	1167.6	1143.8	1112.1	1072.8	1027.5
-52.5°	972.9	984.3	992.8	998.0	992.8	984.3	972.9	956.3	934.3	906.1	872.0
-55°	823.4	832.7	836.9	836.4	836.9	832.7	823.4	810.0	792.5	770.5	745.5
-57.5°	695.9	703.0	706.8	707.3	706.8	703.0	695.9	686.2	673.9	658.8	640.9
-60°	592.4	596.7	599.4	600.1	599.4	596.7	592.4	585.8	577.1	565.3	551.2
-62.5°	501.6	505.8	507.8	507.5	507.8	505.8	501.6	495.4	487.4	478.0	468.1
-65°	406.1	406.9	408.6	409.3	408.6	406.9	406.1	403.8	400.2	396.0	390.4
-67.5°	334.7	334.4	335.2	335.4	335.2	334.4	334.7	333.9	332.0	328.6	323.4
-70°	272.2	271.6	269.2	265.5	269.2	271.6	272.2	272.5	272.8	272.1	268.6
-72.5°	201.9	192.6	183.2	173.0	183.2	192.6	201.9	210.8	219.6	225.8	223.8
-75°	146.2	130.9	125.8	121.0	125.8	130.9	146.2	160.9	175.0	185.8	184.5
-77.5°	107.2	92.7	88.5	84.5	88.5	92.7	107.2	121.1	134.3	145.0	144.5
-80°	73.0	62.5	60.4	58.5	60.4	62.5	73.0	83.3	93.1	101.7	102.8
-82.5°	45.9	38.1	36.9	35.7	36.9	38.1	45.9	53.3	60.4	66.7	66.2
-85°	21.3	17.8	17.5	17.1	17.5	17.8	21.3	24.6	27.8	30.6	30.0
-87.5°	3.6	3.2	2.8	2.4	2.8	3.2	3.6	4.0	4.4	4.7	4.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627013 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-U-WR-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°	5.0	5.1	5.2	5.4	5.6	5.8	6.0	5.8	5.6	5.4	5.2
85°	29.2	28.4	27.5	27.5	27.3	27.0	26.4	23.7	21.1	18.6	16.5
82.5°	65.4	64.3	62.8	60.6	58.4	56.2	53.7	48.0	42.5	37.2	32.9
80°	103.4	103.4	102.4	98.4	94.2	89.8	84.5	75.5	66.7	58.6	52.9
77.5°	143.8	142.8	140.8	135.5	130.0	124.5	117.5	105.9	94.2	83.0	75.7
75°	182.8	180.7	177.2	170.6	163.5	155.8	147.5	137.4	125.8	112.7	103.1
72.5°	221.3	218.3	213.7	206.7	198.8	190.4	181.7	171.8	160.5	147.6	137.9
70°	264.4	259.5	253.2	245.3	237.1	228.3	219.3	209.1	197.3	184.5	174.3
67.5°	317.0	309.3	300.5	291.1	282.1	271.6	261.0	249.4	237.5	224.0	211.1
65°	382.5	372.1	360.4	350.3	338.1	323.8	307.8	293.7	279.9	264.7	247.8
62.5°	457.9	447.8	431.6	414.9	398.8	382.4	362.9	343.3	324.4	305.3	285.6
60°	535.1	516.9	499.3	480.2	459.5	437.4	416.0	393.6	370.2	347.2	323.7
57.5°	620.1	597.7	574.7	550.0	523.8	498.6	472.6	444.8	418.2	390.4	362.3
55°	717.8	690.7	661.3	629.0	595.7	565.8	534.0	502.1	469.8	434.8	403.8
52.5°	833.5	799.8	762.1	720.3	681.2	641.6	600.2	564.0	524.5	485.6	447.0
50°	981.1	933.3	881.4	828.6	780.2	727.9	679.3	631.6	583.9	538.8	493.8
47.5°	1157.9	1094.5	1023.6	958.2	894.0	829.1	769.3	706.3	651.5	594.8	544.8
45°	1372.8	1288.4	1197.2	1114.1	1024.0	945.7	869.4	796.9	724.9	660.9	597.0
42.5°	1647.5	1524.5	1408.8	1298.5	1184.9	1082.0	980.5	894.5	810.1	730.8	658.7
40°	2000.8	1821.7	1673.0	1514.8	1377.3	1239.4	1118.1	999.0	903.0	809.1	721.2
37.5°	2417.9	2208.2	1996.0	1779.5	1600.4	1427.2	1270.9	1130.8	1000.2	893.4	792.1
35°	2859.1	2622.3	2368.0	2114.4	1852.9	1643.1	1444.5	1271.8	1119.5	981.8	864.9
32.5°	3299.2	3039.2	2759.4	2469.9	2176.2	1882.5	1644.2	1430.3	1239.7	1082.8	944.6
30°	3739.1	3453.8	3147.3	2831.2	2508.9	2179.3	1854.2	1604.2	1380.5	1183.7	1024.7
27.5°	4180.5	3871.3	3535.8	3188.1	2840.6	2481.2	2120.9	1783.7	1522.3	1300.0	1112.7
25°	4622.3	4276.6	3916.4	3537.9	3159.0	2776.9	2378.9	2003.0	1681.4	1416.3	1193.7
22.5°	5065.5	4677.3	4275.7	3869.1	3461.8	3053.5	2636.9	2217.9	1832.2	1534.7	1288.6
20°	5503.4	5067.4	4627.8	4187.1	3748.0	3311.4	2875.8	2428.5	2009.4	1657.2	1377.2
17.5°	5925.2	5440.9	4963.6	4485.9	4016.2	3553.3	3090.1	2622.9	2167.7	1766.2	1455.3
15°	6326.9	5798.4	5280.1	4767.1	4260.2	3763.1	3279.7	2793.6	2311.6	1879.9	1541.1
12.5°	6706.0	6129.1	5564.5	5007.7	4469.2	3948.1	3445.6	2943.4	2447.1	1990.8	1617.5
10°	7029.7	6410.8	5803.2	5215.9	4650.1	4105.5	3582.4	3070.2	2563.3	2083.0	1680.0
7.5°	7292.9	6637.3	5996.6	5380.5	4791.9	4230.8	3688.1	3167.4	2655.3	2155.0	1728.2
5°	7485.3	6803.9	6139.9	5502.4	4890.2	4321.9	3762.7	3234.0	2722.0	2206.3	1762.0
2.5°	7604.5	6904.7	6225.1	5576.5	4947.4	4376.7	3806.0	3274.2	2760.1	2234.4	1783.1
0°	7626.7	6951.9	6251.9	5584.4	4980.2	4393.1	3817.4	3288.8	2769.9	2240.4	1789.7
-2.5°	7604.5	6904.7	6225.1	5576.5	4947.4	4376.7	3806.0	3274.2	2760.1	2234.4	1783.1
-5°	7485.3	6803.9	6139.9	5502.4	4890.2	4321.9	3762.7	3234.0	2722.0	2206.3	1762.0
-7.5°	7292.9	6637.3	5996.6	5380.5	4791.9	4230.8	3688.1	3167.4	2655.3	2155.0	1728.2
-10°	7029.7	6410.8	5803.2	5215.9	4650.1	4105.5	3582.4	3070.2	2563.3	2083.0	1680.0
-12.5°	6706.0	6129.1	5564.5	5007.7	4469.2	3948.1	3445.6	2943.4	2447.1	1990.8	1617.5
-15°	6326.9	5798.4	5280.1	4767.1	4260.2	3763.1	3279.7	2793.6	2311.6	1879.9	1541.1
-17.5°	5925.2	5440.9	4963.6	4485.9	4016.2	3553.3	3090.1	2622.9	2167.7	1766.2	1455.3
-20°	5503.4	5067.4	4627.8	4187.1	3748.0	3311.4	2875.8	2428.5	2009.4	1657.2	1377.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627013 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5065.5	4677.3	4275.7	3869.1	3461.8	3053.5	2636.9	2217.9	1832.2	1534.7	1288.6
-25°	4622.3	4276.6	3916.4	3537.9	3159.0	2776.9	2378.9	2003.0	1681.4	1416.3	1193.7
-27.5°	4180.5	3871.3	3535.8	3188.1	2840.6	2481.2	2120.9	1783.7	1522.3	1300.0	1112.7
-30°	3739.1	3453.8	3147.3	2831.2	2508.9	2179.3	1854.2	1604.2	1380.5	1183.7	1024.7
-32.5°	3299.2	3039.2	2759.4	2469.9	2176.2	1882.5	1644.2	1430.3	1239.7	1082.8	944.6
-35°	2859.1	2622.3	2368.0	2114.4	1852.9	1643.1	1444.5	1271.8	1119.5	981.8	864.9
-37.5°	2417.9	2208.2	1996.0	1779.5	1600.4	1427.2	1270.9	1130.8	1000.2	893.4	792.1
-40°	2000.8	1821.7	1673.0	1514.8	1377.3	1239.4	1118.1	999.0	903.0	809.1	721.2
-42.5°	1647.5	1524.5	1408.8	1298.5	1184.9	1082.0	980.5	894.5	810.1	730.8	658.7
-45°	1372.8	1288.4	1197.2	1114.1	1024.0	945.7	869.4	796.9	724.9	660.9	597.0
-47.5°	1157.9	1094.5	1023.6	958.2	894.0	829.1	769.3	706.3	651.5	594.8	544.8
-50°	981.1	933.3	881.4	828.6	780.2	727.9	679.3	631.6	583.9	538.8	493.8
-52.5°	833.5	799.8	762.1	720.3	681.2	641.6	600.2	564.0	524.5	485.6	447.0
-55°	717.8	690.7	661.3	629.0	595.7	565.8	534.0	502.1	469.8	434.8	403.8
-57.5°	620.1	597.7	574.7	550.0	523.8	498.6	472.6	444.8	418.2	390.4	362.3
-60°	535.1	516.9	499.3	480.2	459.5	437.4	416.0	393.6	370.2	347.2	323.7
-62.5°	457.9	447.8	431.6	414.9	398.8	382.4	362.9	343.3	324.4	305.3	285.6
-65°	382.5	372.1	360.4	350.3	338.1	323.8	307.8	293.7	279.9	264.7	247.8
-67.5°	317.0	309.3	300.5	291.1	282.1	271.6	261.0	249.4	237.5	224.0	211.1
-70°	264.4	259.5	253.2	245.3	237.1	228.3	219.3	209.1	197.3	184.5	174.3
-72.5°	221.3	218.3	213.7	206.7	198.8	190.4	181.7	171.8	160.5	147.6	137.9
-75°	182.8	180.7	177.2	170.6	163.5	155.8	147.5	137.4	125.8	112.7	103.1
-77.5°	143.8	142.8	140.8	135.5	130.0	124.5	117.5	105.9	94.2	83.0	75.7
-80°	103.4	103.4	102.4	98.4	94.2	89.8	84.5	75.5	66.7	58.6	52.9
-82.5°	65.4	64.3	62.8	60.6	58.4	56.2	53.7	48.0	42.5	37.2	32.9
-85°	29.2	28.4	27.5	27.5	27.3	27.0	26.4	23.7	21.1	18.6	16.5
-87.5°	5.0	5.1	5.2	5.4	5.6	5.8	6.0	5.8	5.6	5.4	5.2
-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: P627013 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-722-U-WR-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°	5.8	6.3	6.7	7.0	7.2	7.3	7.3	7.2	6.9	6.5	6.0
85°	17.2	17.6	17.5	17.0	15.9	14.7	14.7	14.5	13.9	13.1	12.1
82.5°	34.2	35.3	35.9	35.6	33.4	31.1	28.6	26.0	23.2	20.0	18.1
80°	54.9	56.1	56.6	55.6	51.7	47.5	43.8	40.0	36.4	32.2	27.5
77.5°	77.3	78.2	78.4	77.0	72.0	66.6	60.8	54.7	49.5	44.4	38.6
75°	101.4	101.7	101.5	98.9	92.7	85.7	78.7	71.1	63.6	56.5	49.6
72.5°	132.6	128.4	125.2	121.0	114.2	106.4	97.4	87.3	77.7	68.7	60.4
70°	165.3	156.3	149.3	142.9	135.4	127.1	117.2	104.5	91.7	80.8	70.6
67.5°	199.5	188.3	177.0	165.2	156.1	146.7	136.7	121.5	106.1	92.5	80.6
65°	232.7	218.9	206.1	190.9	177.5	166.1	154.7	137.5	120.0	104.2	90.3
62.5°	266.1	247.6	231.7	215.2	199.0	184.9	172.1	152.5	133.3	115.3	99.6
60°	300.5	278.8	257.1	238.0	219.8	202.7	186.7	167.0	146.1	125.9	108.4
57.5°	336.2	310.1	285.3	261.5	240.3	220.5	200.8	180.3	158.6	136.7	116.3
55°	372.1	342.7	313.5	286.3	261.1	238.7	215.4	193.1	170.5	147.2	122.6
52.5°	410.8	376.2	343.4	311.5	282.7	256.3	231.0	205.6	181.8	157.3	129.4
50°	451.6	411.8	374.2	338.6	304.2	274.8	246.2	219.2	192.9	167.0	135.9
47.5°	494.6	449.5	406.7	365.9	328.5	292.6	262.1	232.7	203.7	176.6	141.7
45°	541.8	488.2	440.1	395.3	351.9	312.9	277.8	245.7	215.4	183.5	147.0
42.5°	589.4	530.0	474.7	423.8	377.4	333.4	292.9	259.1	226.6	189.9	152.1
40°	644.2	572.8	509.5	454.4	402.5	352.9	310.3	272.2	237.0	196.1	157.2
37.5°	697.6	618.8	547.5	483.5	427.2	375.0	327.1	284.5	245.3	202.9	161.7
35°	760.6	666.3	583.7	514.4	452.7	396.0	342.8	297.2	254.3	209.5	165.7
32.5°	821.8	714.6	624.5	546.0	476.8	415.8	359.6	310.1	263.6	215.7	169.3
30°	889.0	767.2	662.9	575.5	500.7	436.3	376.4	322.3	272.9	221.7	172.7
27.5°	953.6	815.8	700.2	606.9	526.0	455.4	392.0	333.7	282.2	227.8	177.0
25°	1017.6	868.1	741.4	636.7	549.2	472.8	406.3	344.4	291.3	234.7	180.9
22.5°	1087.0	918.8	778.6	663.5	570.1	488.7	420.0	356.1	299.7	241.3	184.2
20°	1150.9	964.6	811.7	689.2	591.0	505.8	432.8	366.5	307.3	247.4	187.1
17.5°	1211.1	1011.1	848.7	717.0	610.7	520.9	444.0	375.6	313.9	253.1	189.4
15°	1274.3	1057.3	882.0	741.1	627.7	533.9	453.7	383.5	319.7	258.2	191.6
12.5°	1328.3	1096.4	910.0	761.3	642.1	544.9	461.7	390.1	324.4	262.6	193.5
10°	1372.8	1128.2	932.5	777.7	653.6	553.6	468.1	395.4	328.4	266.0	194.6
7.5°	1407.4	1152.4	949.6	790.1	662.5	560.5	473.5	399.5	331.5	268.3	194.8
5°	1431.6	1169.3	962.1	798.7	669.2	565.4	477.3	402.3	333.6	269.6	194.2
2.5°	1444.3	1178.9	969.8	803.3	673.0	568.0	479.5	403.6	334.7	269.8	192.9
0°	1446.2	1180.7	972.0	803.9	674.0	568.4	479.9	403.6	334.6	268.8	190.8
-2.5°	1444.3	1178.9	969.8	803.3	673.0	568.0	479.5	403.6	334.7	269.8	192.9
-5°	1431.6	1169.3	962.1	798.7	669.2	565.4	477.3	402.3	333.6	269.6	194.2
-7.5°	1407.4	1152.4	949.6	790.1	662.5	560.5	473.5	399.5	331.5	268.3	194.8
-10°	1372.8	1128.2	932.5	777.7	653.6	553.6	468.1	395.4	328.4	266.0	194.6
-12.5°	1328.3	1096.4	910.0	761.3	642.1	544.9	461.7	390.1	324.4	262.6	193.5
-15°	1274.3	1057.3	882.0	741.1	627.7	533.9	453.7	383.5	319.7	258.2	191.6
-17.5°	1211.1	1011.1	848.7	717.0	610.7	520.9	444.0	375.6	313.9	253.1	189.4
-20°	1150.9	964.6	811.7	689.2	591.0	505.8	432.8	366.5	307.3	247.4	187.1

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627013 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1087.0	918.8	778.6	663.5	570.1	488.7	420.0	356.1	299.7	241.3	184.2
-25°	1017.6	868.1	741.4	636.7	549.2	472.8	406.3	344.4	291.3	234.7	180.9
-27.5°	953.6	815.8	700.2	606.9	526.0	455.4	392.0	333.7	282.2	227.8	177.0
-30°	889.0	767.2	662.9	575.5	500.7	436.3	376.4	322.3	272.9	221.7	172.7
-32.5°	821.8	714.6	624.5	546.0	476.8	415.8	359.6	310.1	263.6	215.7	169.3
-35°	760.6	666.3	583.7	514.4	452.7	396.0	342.8	297.2	254.3	209.5	165.7
-37.5°	697.6	618.8	547.5	483.5	427.2	375.0	327.1	284.5	245.3	202.9	161.7
-40°	644.2	572.8	509.5	454.4	402.5	352.9	310.3	272.2	237.0	196.1	157.2
-42.5°	589.4	530.0	474.7	423.8	377.4	333.4	292.9	259.1	226.6	189.9	152.1
-45°	541.8	488.2	440.1	395.3	351.9	312.9	277.8	245.7	215.4	183.5	147.0
-47.5°	494.6	449.5	406.7	365.9	328.5	292.6	262.1	232.7	203.7	176.6	141.7
-50°	451.6	411.8	374.2	338.6	304.2	274.8	246.2	219.2	192.9	167.0	135.9
-52.5°	410.8	376.2	343.4	311.5	282.7	256.3	231.0	205.6	181.8	157.3	129.4
-55°	372.1	342.7	313.5	286.3	261.1	238.7	215.4	193.1	170.5	147.2	122.6
-57.5°	336.2	310.1	285.3	261.5	240.3	220.5	200.8	180.3	158.6	136.7	116.3
-60°	300.5	278.8	257.1	238.0	219.8	202.7	186.7	167.0	146.1	125.9	108.4
-62.5°	266.1	247.6	231.7	215.2	199.0	184.9	172.1	152.5	133.3	115.3	99.6
-65°	232.7	218.9	206.1	190.9	177.5	166.1	154.7	137.5	120.0	104.2	90.3
-67.5°	199.5	188.3	177.0	165.2	156.1	146.7	136.7	121.5	106.1	92.5	80.6
-70°	165.3	156.3	149.3	142.9	135.4	127.1	117.2	104.5	91.7	80.8	70.6
-72.5°	132.6	128.4	125.2	121.0	114.2	106.4	97.4	87.3	77.7	68.7	60.4
-75°	101.4	101.7	101.5	98.9	92.7	85.7	78.7	71.1	63.6	56.5	49.6
-77.5°	77.3	78.2	78.4	77.0	72.0	66.6	60.8	54.7	49.5	44.4	38.6
-80°	54.9	56.1	56.6	55.6	51.7	47.5	43.8	40.0	36.4	32.2	27.5
-82.5°	34.2	35.3	35.9	35.6	33.4	31.1	28.6	26.0	23.2	20.0	18.1
-85°	17.2	17.6	17.5	17.0	15.9	14.7	14.7	14.5	13.9	13.1	12.1
-87.5°	5.8	6.3	6.7	7.0	7.2	7.3	7.3	7.2	6.9	6.5	6.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627013 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-U-WR-XX

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°	5.5	4.3	3.2	2.2	1.3	0.6	0.0
85°	10.9	8.5	6.3	4.4	2.7	1.2	0.0
82.5°	16.3	12.7	9.5	6.6	4.0	1.7	0.0
80°	22.1	16.9	12.6	8.7	5.3	2.3	0.0
77.5°	31.6	21.9	15.6	10.8	6.6	2.9	0.0
75°	40.8	28.7	18.9	12.9	7.9	3.4	0.0
72.5°	49.7	35.2	23.4	15.0	9.1	4.0	0.0
70°	58.2	41.5	27.8	17.1	10.4	4.5	0.0
67.5°	65.5	47.5	32.0	19.8	11.5	5.1	0.0
65°	72.5	53.0	35.9	22.3	12.7	5.6	0.0
62.5°	79.0	58.1	39.7	24.7	13.8	6.1	0.0
60°	85.2	62.8	43.2	27.0	14.9	6.6	0.0
57.5°	90.8	67.2	46.4	29.1	16.1	7.0	0.0
55°	95.9	71.3	49.5	31.1	17.4	7.5	0.0
52.5°	100.6	75.0	52.2	32.9	18.6	7.9	0.0
50°	104.9	78.4	54.7	34.5	19.7	8.3	0.0
47.5°	108.9	81.5	57.0	36.0	20.8	8.7	0.0
45°	113.3	84.3	59.0	37.4	21.9	9.1	0.0
42.5°	117.3	86.6	60.7	38.7	22.8	9.4	0.0
40°	120.7	88.6	62.2	40.2	23.7	9.7	0.0
37.5°	123.7	90.3	63.6	41.6	24.6	10.0	0.0
35°	126.2	92.1	64.7	42.9	25.4	10.3	0.0
32.5°	128.4	93.9	65.6	44.1	26.1	10.5	0.0
30°	131.0	95.2	66.2	45.2	26.8	10.7	0.0
27.5°	133.0	96.2	67.6	46.2	27.3	10.9	0.0
25°	134.6	96.8	69.0	47.0	27.9	11.1	0.0
22.5°	135.8	97.5	70.2	47.8	28.3	11.2	0.0
20°	136.4	99.3	71.2	48.4	28.7	11.4	0.0
17.5°	138.0	100.7	72.1	48.8	29.0	11.4	0.0
15°	139.8	101.9	72.8	49.2	29.2	11.5	0.0
12.5°	141.2	102.7	73.3	49.4	29.4	11.6	0.0
10°	142.0	103.2	73.6	49.5	29.5	11.6	0.0
7.5°	142.3	103.4	73.8	49.5	29.5	11.6	0.0
5°	142.2	103.3	73.7	49.3	29.5	11.5	0.0
2.5°	141.6	103.0	73.5	49.1	29.4	11.5	0.0
0°	140.5	102.3	73.1	48.7	29.2	11.4	0.0
-2.5°	141.6	103.0	73.5	49.1	29.4	11.5	0.0
-5°	142.2	103.3	73.7	49.3	29.5	11.5	0.0
-7.5°	142.3	103.4	73.8	49.5	29.5	11.6	0.0
-10°	142.0	103.2	73.6	49.5	29.5	11.6	0.0
-12.5°	141.2	102.7	73.3	49.4	29.4	11.6	0.0
-15°	139.8	101.9	72.8	49.2	29.2	11.5	0.0
-17.5°	138.0	100.7	72.1	48.8	29.0	11.4	0.0
-20°	136.4	99.3	71.2	48.4	28.7	11.4	0.0

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CATALOG NUMBER: GFLD-SA2E-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	135.8	97.5	70.2	47.8	28.3	11.2	0.0
-25°	134.6	96.8	69.0	47.0	27.9	11.1	0.0
-27.5°	133.0	96.2	67.6	46.2	27.3	10.9	0.0
-30°	131.0	95.2	66.2	45.2	26.8	10.7	0.0
-32.5°	128.4	93.9	65.6	44.1	26.1	10.5	0.0
-35°	126.2	92.1	64.7	42.9	25.4	10.3	0.0
-37.5°	123.7	90.3	63.6	41.6	24.6	10.0	0.0
-40°	120.7	88.6	62.2	40.2	23.7	9.7	0.0
-42.5°	117.3	86.6	60.7	38.7	22.8	9.4	0.0
-45°	113.3	84.3	59.0	37.4	21.9	9.1	0.0
-47.5°	108.9	81.5	57.0	36.0	20.8	8.7	0.0
-50°	104.9	78.4	54.7	34.5	19.7	8.3	0.0
-52.5°	100.6	75.0	52.2	32.9	18.6	7.9	0.0
-55°	95.9	71.3	49.5	31.1	17.4	7.5	0.0
-57.5°	90.8	67.2	46.4	29.1	16.1	7.0	0.0
-60°	85.2	62.8	43.2	27.0	14.9	6.6	0.0
-62.5°	79.0	58.1	39.7	24.7	13.8	6.1	0.0
-65°	72.5	53.0	35.9	22.3	12.7	5.6	0.0
-67.5°	65.5	47.5	32.0	19.8	11.5	5.1	0.0
-70°	58.2	41.5	27.8	17.1	10.4	4.5	0.0
-72.5°	49.7	35.2	23.4	15.0	9.1	4.0	0.0
-75°	40.8	28.7	18.9	12.9	7.9	3.4	0.0
-77.5°	31.6	21.9	15.6	10.8	6.6	2.9	0.0
-80°	22.1	16.9	12.6	8.7	5.3	2.3	0.0
-82.5°	16.3	12.7	9.5	6.6	4.0	1.7	0.0
-85°	10.9	8.5	6.3	4.4	2.7	1.2	0.0
-87.5°	5.5	4.3	3.2	2.2	1.3	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)