

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: P627795 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-727-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627795 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6B-727-U-MR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N134
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

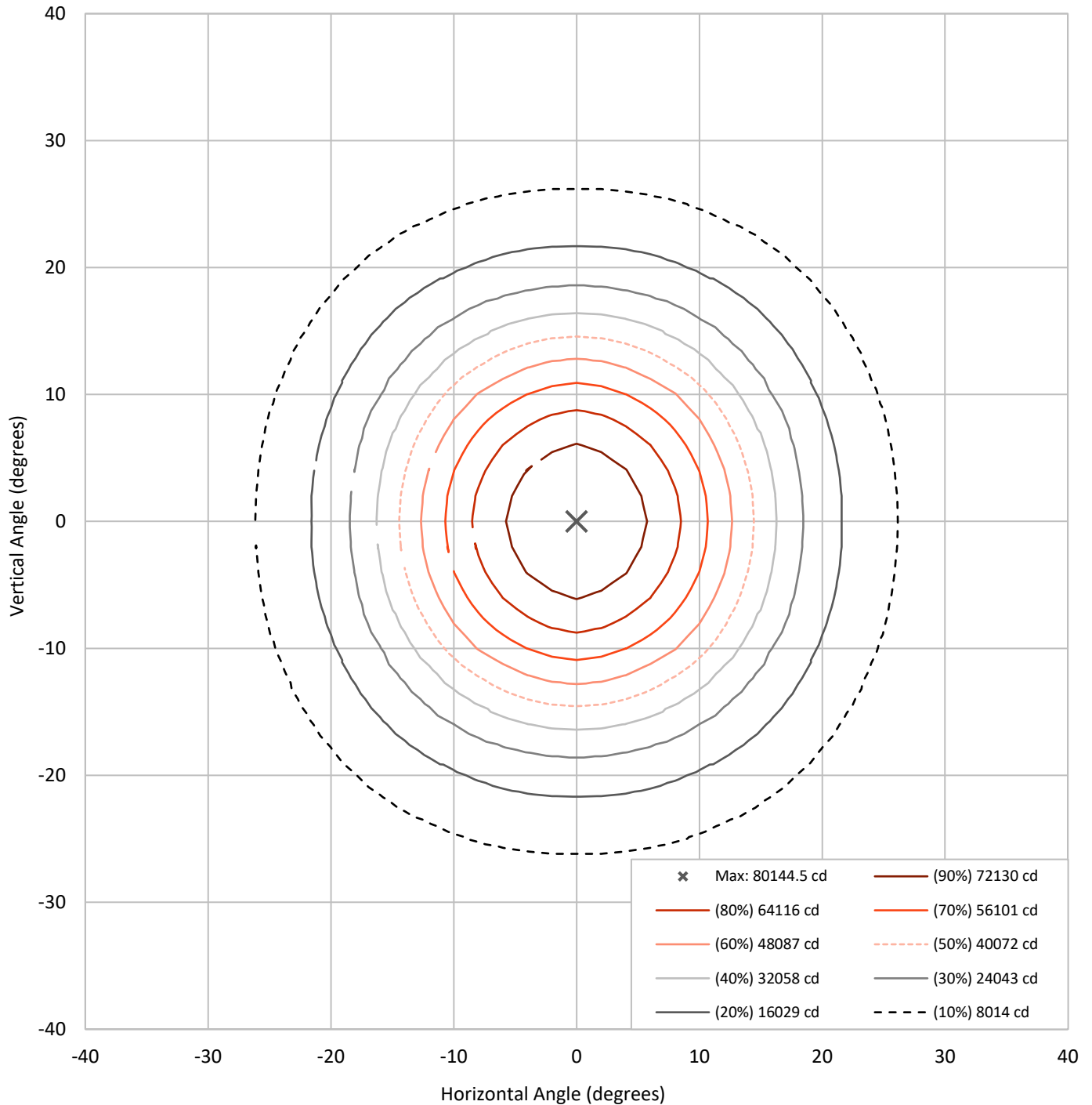
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	25039.9 lumens	Max Intensity:	80144.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	131.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	12174.1 lumens	Field Lumens:	20544.9 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	190.6		
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





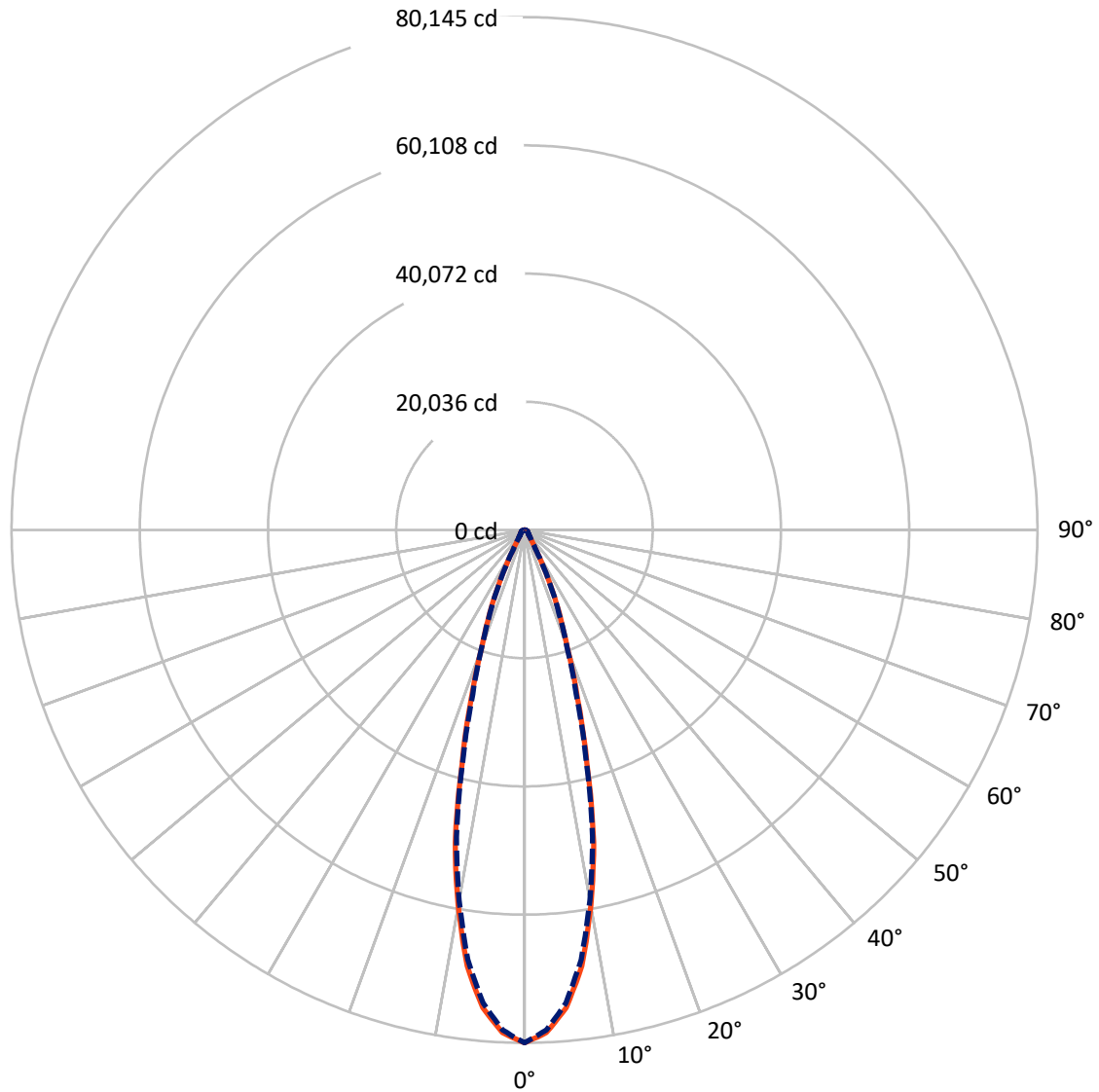
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Lumen Table

90	0.5	4.1		10.9		17.2		19.1		17.2		10.9		4.1		0.5			
80	0.5	4.1		10.9		17.2		19.1		17.2		10.9		4.1		0.5			
70	1.9	2.2	4.3	7.1	9.9	12.1	13.5	14.2	14.2	13.5	12.1	9.9	7.1	4.3	2.2	1.9			
60		3.2	6.5	10.4	14.0	17.2	19.3	20.0	20.0	19.3	17.2	14.0	10.4	6.5	3.2				
50	3.3	4.1	8.3	12.9	17.2	21.7	25.5	27.4	27.4	25.5	21.7	17.2	12.9	8.3	4.1	3.3			
40		4.8	9.7	14.9	21.0	30.0	43.4	56.4	56.4	43.4	30.0	21.0	14.9	9.7	4.8				
30	4.2	5.4	10.7	16.7	26.9	58.5	164.8	292.3	292.3	164.8	58.5	26.9	16.7	10.7	5.4	4.2			
20		5.8	11.2	18.2	36.7	153.7	547.7	1049.6	1049.6	547.7	153.7	36.7	18.2	11.2	5.8				
10	4.5	6.0	11.4	19.2	46.6	265.3	1013.8	1994.2	1994.2	1013.8	265.3	46.6	19.2	11.4	6.0	4.5			
0		6.0	11.4	19.2	46.6	265.3	1013.8	1994.2	1994.2	1013.8	265.3	46.6	19.2	11.4	6.0				
-10	4.2	5.8	11.2	18.2	36.7	153.7	547.7	1049.6	1049.6	547.7	153.7	36.7	18.2	11.2	5.8	4.2			
-20		5.4	10.7	16.7	26.9	58.5	164.8	292.3	292.3	164.8	58.5	26.9	16.7	10.7	5.4				
-30	3.3	4.8	9.7	14.9	21.0	30.0	43.4	56.4	56.4	43.4	30.0	21.0	14.9	9.7	4.8	3.3			
-40		4.1	8.3	12.9	17.2	21.7	25.5	27.4	27.4	25.5	21.7	17.2	12.9	8.3	4.1				
-50	1.9	3.2	6.5	10.4	14.0	17.2	19.3	20.0	20.0	19.3	17.2	14.0	10.4	6.5	3.2	1.9			
-60		2.2	4.3	7.1	9.9	12.1	13.5	14.2	14.2	13.5	12.1	9.9	7.1	4.3	2.2				
-70	0.5	4.1		10.9		17.2		19.1		17.2		10.9		4.1		0.5			
-80		4.1		10.9		17.2		19.1		17.2		10.9		4.1					
-90	0.5	4.1		10.9		17.2		19.1		17.2		10.9		4.1		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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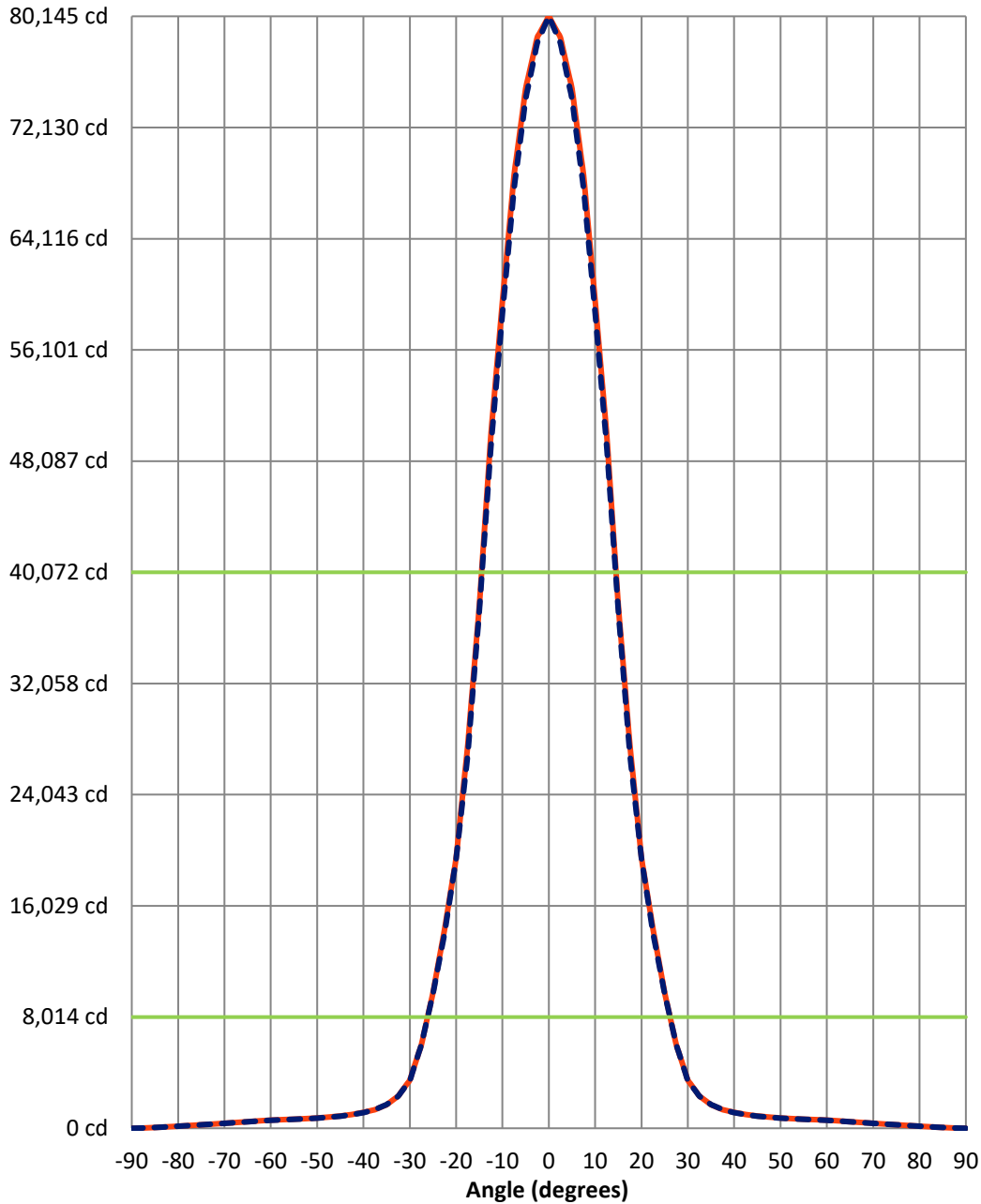
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 12174.1
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 20544.9
 Efficiency: 82.0%

Spill:
 Lumens: 4495
 Efficiency: 18.0%

- 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	0.9	1.8	2.7	3.6	4.5	5.3	6.2	7.0	7.9	8.7
85°	0.0	1.8	3.6	5.4	7.1	8.9	10.7	12.4	14.1	15.7	17.4
82.5°	0.0	2.7	5.4	8.0	10.7	13.3	16.0	18.5	21.5	26.4	31.5
80°	0.0	3.6	7.1	10.7	14.2	17.7	21.7	27.9	34.5	41.4	48.6
77.5°	0.0	4.5	8.9	13.3	17.7	23.3	30.8	38.9	47.4	56.2	66.0
75°	0.0	5.3	10.7	16.0	21.7	30.8	39.9	49.7	60.3	72.7	85.0
72.5°	0.0	6.2	12.4	18.5	27.7	38.3	48.9	61.0	75.4	89.7	103.8
70°	0.0	7.0	14.1	21.4	33.6	45.7	58.1	74.1	90.4	106.5	124.0
67.5°	0.0	7.9	15.7	25.8	39.5	53.0	69.3	87.0	105.2	124.9	144.4
65°	0.0	8.7	17.4	30.1	45.2	61.2	80.3	99.7	121.2	142.9	164.8
62.5°	0.0	9.5	19.0	34.4	50.8	70.2	91.1	113.1	137.0	160.8	185.9
60°	0.0	10.3	20.6	38.5	56.3	79.1	101.7	126.6	152.4	179.0	206.4
57.5°	0.0	11.1	23.3	42.5	63.1	87.7	112.8	139.8	167.8	196.6	226.6
55°	0.0	11.8	25.9	46.4	69.9	96.1	123.7	152.6	182.6	213.7	246.5
52.5°	0.0	12.5	28.4	50.2	76.4	104.3	134.1	165.1	196.9	231.1	265.8
50°	0.0	13.2	30.8	53.9	82.7	112.6	144.2	177.2	210.9	247.9	283.6
47.5°	0.0	13.9	33.2	57.7	88.8	120.5	153.8	188.8	225.3	264.1	300.5
45°	0.0	14.6	35.5	62.1	94.6	128.1	163.3	199.9	239.2	278.3	316.4
42.5°	0.0	15.2	37.7	66.3	100.2	135.3	172.5	211.1	252.3	291.8	331.1
40°	0.0	15.8	39.7	70.2	105.6	142.0	181.2	221.9	264.4	304.4	345.0
37.5°	0.0	16.3	41.7	73.9	110.7	148.4	189.4	232.0	275.1	316.5	358.2
35°	0.0	16.9	43.6	77.4	115.6	154.7	197.2	241.5	285.2	328.0	370.5
32.5°	0.0	17.4	45.3	80.5	120.0	160.8	204.6	250.2	294.6	338.7	382.5
30°	0.0	17.8	46.9	83.4	124.2	166.4	211.5	258.1	303.4	348.6	393.6
27.5°	0.0	18.3	48.4	86.1	127.9	171.6	217.9	265.1	311.5	357.8	403.8
25°	0.0	18.7	49.8	88.5	131.4	176.4	223.6	271.5	318.8	366.1	413.2
22.5°	0.0	19.0	51.1	90.6	134.6	180.7	228.8	277.3	325.5	373.6	422.6
20°	0.0	19.4	52.2	92.4	137.5	184.4	233.3	282.4	331.4	380.3	430.9
17.5°	0.0	19.6	53.3	94.0	140.2	187.6	237.4	286.8	336.5	386.1	438.2
15°	0.0	19.9	54.1	95.3	142.5	190.3	241.1	290.9	340.8	391.0	444.4
12.5°	0.0	20.1	54.9	96.3	144.5	192.4	244.4	294.7	344.8	395.0	449.5
10°	0.0	20.3	55.5	97.1	146.2	194.0	247.1	297.9	348.5	399.8	454.2
7.5°	0.0	20.4	56.0	97.6	147.5	195.1	249.2	300.3	351.3	404.0	459.4
5°	0.0	20.5	56.3	97.9	148.4	195.7	250.8	302.1	353.4	407.5	463.4
2.5°	0.0	20.6	56.5	97.9	149.0	195.8	251.8	303.1	354.6	410.0	466.3
0°	0.0	20.6	56.6	97.7	149.2	195.5	252.1	303.5	355.0	411.6	468.1
-2.5°	0.0	20.6	56.5	97.9	149.0	195.8	251.8	303.1	354.6	410.0	466.3
-5°	0.0	20.5	56.3	97.9	148.4	195.7	250.8	302.1	353.4	407.5	463.4
-7.5°	0.0	20.4	56.0	97.6	147.5	195.1	249.2	300.3	351.3	404.0	459.4
-10°	0.0	20.3	55.5	97.1	146.2	194.0	247.1	297.9	348.5	399.8	454.2
-12.5°	0.0	20.1	54.9	96.3	144.5	192.4	244.4	294.7	344.8	395.0	449.5
-15°	0.0	19.9	54.1	95.3	142.5	190.3	241.1	290.9	340.8	391.0	444.4
-17.5°	0.0	19.6	53.3	94.0	140.2	187.6	237.4	286.8	336.5	386.1	438.2
-20°	0.0	19.4	52.2	92.4	137.5	184.4	233.3	282.4	331.4	380.3	430.9

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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	19.0	51.1	90.6	134.6	180.7	228.8	277.3	325.5	373.6	422.6
-25°	0.0	18.7	49.8	88.5	131.4	176.4	223.6	271.5	318.8	366.1	413.2
-27.5°	0.0	18.3	48.4	86.1	127.9	171.6	217.9	265.1	311.5	357.8	403.8
-30°	0.0	17.8	46.9	83.4	124.2	166.4	211.5	258.1	303.4	348.6	393.6
-32.5°	0.0	17.4	45.3	80.5	120.0	160.8	204.6	250.2	294.6	338.7	382.5
-35°	0.0	16.9	43.6	77.4	115.6	154.7	197.2	241.5	285.2	328.0	370.5
-37.5°	0.0	16.3	41.7	73.9	110.7	148.4	189.4	232.0	275.1	316.5	358.2
-40°	0.0	15.8	39.7	70.2	105.6	142.0	181.2	221.9	264.4	304.4	345.0
-42.5°	0.0	15.2	37.7	66.3	100.2	135.3	172.5	211.1	252.3	291.8	331.1
-45°	0.0	14.6	35.5	62.1	94.6	128.1	163.3	199.9	239.2	278.3	316.4
-47.5°	0.0	13.9	33.2	57.7	88.8	120.5	153.8	188.8	225.3	264.1	300.5
-50°	0.0	13.2	30.8	53.9	82.7	112.6	144.2	177.2	210.9	247.9	283.6
-52.5°	0.0	12.5	28.4	50.2	76.4	104.3	134.1	165.1	196.9	231.1	265.8
-55°	0.0	11.8	25.9	46.4	69.9	96.1	123.7	152.6	182.6	213.7	246.5
-57.5°	0.0	11.1	23.3	42.5	63.1	87.7	112.8	139.8	167.8	196.6	226.6
-60°	0.0	10.3	20.6	38.5	56.3	79.1	101.7	126.6	152.4	179.0	206.4
-62.5°	0.0	9.5	19.0	34.4	50.8	70.2	91.1	113.1	137.0	160.8	185.9
-65°	0.0	8.7	17.4	30.1	45.2	61.2	80.3	99.7	121.2	142.9	164.8
-67.5°	0.0	7.9	15.7	25.8	39.5	53.0	69.3	87.0	105.2	124.9	144.4
-70°	0.0	7.0	14.1	21.4	33.6	45.7	58.1	74.1	90.4	106.5	124.0
-72.5°	0.0	6.2	12.4	18.5	27.7	38.3	48.9	61.0	75.4	89.7	103.8
-75°	0.0	5.3	10.7	16.0	21.7	30.8	39.9	49.7	60.3	72.7	85.0
-77.5°	0.0	4.5	8.9	13.3	17.7	23.3	30.8	38.9	47.4	56.2	66.0
-80°	0.0	3.6	7.1	10.7	14.2	17.7	21.7	27.9	34.5	41.4	48.6
-82.5°	0.0	2.7	5.4	8.0	10.7	13.3	16.0	18.5	21.5	26.4	31.5
-85°	0.0	1.8	3.6	5.4	7.1	8.9	10.7	12.4	14.1	15.7	17.4
-87.5°	0.0	0.9	1.8	2.7	3.6	4.5	5.3	6.2	7.0	7.9	8.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-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°	9.5	10.3	11.1	11.8	12.5	13.2	13.9	14.6	15.2	15.8	16.3
85°	19.0	20.6	23.6	26.6	29.5	32.3	35.0	37.6	40.1	42.4	44.7
82.5°	36.3	41.0	45.6	50.1	54.4	58.6	62.7	66.6	70.3	73.9	77.3
80°	55.1	61.4	67.7	73.6	79.3	84.9	90.3	95.5	100.5	105.9	111.5
77.5°	75.0	83.1	90.4	97.1	104.4	113.1	121.6	129.7	137.5	144.9	152.0
75°	95.6	104.7	114.8	124.7	135.1	145.6	155.8	165.6	175.2	185.1	194.9
72.5°	117.2	129.7	141.8	153.6	166.6	179.4	191.1	201.8	213.9	227.2	239.4
70°	140.1	154.5	169.8	184.9	199.6	213.9	228.4	243.1	257.8	272.2	285.9
67.5°	163.2	181.2	198.9	216.1	232.8	249.9	267.1	284.8	301.8	318.0	333.8
65°	187.7	207.9	227.6	246.9	265.5	286.3	306.7	326.4	348.0	368.0	385.4
62.5°	211.6	234.2	256.0	277.7	300.4	323.4	347.1	371.9	397.6	416.1	432.0
60°	234.6	260.1	284.3	309.3	334.5	360.5	387.8	414.2	437.7	457.9	474.6
57.5°	257.0	285.5	312.4	339.5	367.2	396.7	426.7	453.7	475.5	495.0	513.4
55°	278.7	310.3	338.9	367.8	399.2	433.9	464.5	488.9	511.2	527.3	545.0
52.5°	299.3	333.1	363.2	395.5	431.5	467.4	497.9	521.5	540.3	557.0	574.2
50°	319.0	353.1	386.5	423.2	461.1	497.2	528.0	549.8	568.7	586.0	602.5
47.5°	337.0	372.4	410.0	449.3	488.9	524.5	554.1	576.3	595.9	613.7	631.9
45°	353.9	391.9	431.9	474.9	515.6	550.8	577.8	601.6	620.4	640.5	663.3
42.5°	370.1	410.7	454.1	499.9	541.4	573.7	599.8	622.7	644.4	668.5	693.9
40°	385.9	428.2	475.2	523.3	565.6	593.6	619.8	644.0	669.0	696.4	724.0
37.5°	400.7	446.2	494.9	545.1	583.4	612.5	639.5	666.5	694.6	724.0	758.4
35°	414.3	462.7	513.8	562.3	599.1	630.8	659.8	689.1	720.5	756.4	794.3
32.5°	427.5	477.7	531.3	576.9	613.4	647.2	679.2	712.4	748.3	787.9	831.3
30°	440.5	492.4	546.7	591.7	626.1	660.8	698.3	735.2	775.1	819.1	870.1
27.5°	453.2	506.0	559.6	603.3	637.3	672.6	712.8	757.6	801.3	849.5	908.5
25°	464.7	520.0	572.3	612.6	647.0	683.9	725.9	773.6	824.9	882.3	954.6
22.5°	475.7	532.7	584.3	620.4	655.0	693.8	739.0	789.3	845.2	911.7	1000.0
20°	485.9	542.5	592.3	627.6	661.6	701.7	750.2	803.3	867.1	947.6	1053.2
17.5°	494.9	550.9	597.8	633.5	668.6	709.8	759.8	815.1	886.9	979.4	1104.3
15°	502.5	557.7	602.6	638.1	674.5	718.2	769.7	829.9	908.5	1010.4	1148.5
12.5°	508.8	563.0	606.6	641.4	679.1	724.4	778.1	844.2	930.1	1044.3	1208.0
10°	513.7	566.9	609.7	643.4	682.4	728.4	784.7	855.4	947.5	1072.7	1259.0
7.5°	518.5	570.4	612.0	644.3	684.2	730.5	789.3	863.2	960.3	1094.0	1299.7
5°	522.0	573.6	613.3	646.2	685.4	731.4	792.4	867.8	968.3	1108.0	1328.4
2.5°	524.0	575.6	613.3	647.7	685.5	731.8	796.1	870.3	977.2	1119.8	1344.7
0°	524.7	576.2	612.2	648.2	684.2	730.5	797.4	869.4	982.6	1126.6	1347.8
-2.5°	524.0	575.6	613.3	647.7	685.5	731.8	796.1	870.3	977.2	1119.8	1344.7
-5°	522.0	573.6	613.3	646.2	685.4	731.4	792.4	867.8	968.3	1108.0	1328.4
-7.5°	518.5	570.4	612.0	644.3	684.2	730.5	789.3	863.2	960.3	1094.0	1299.7
-10°	513.7	566.9	609.7	643.4	682.4	728.4	784.7	855.4	947.5	1072.7	1259.0
-12.5°	508.8	563.0	606.6	641.4	679.1	724.4	778.1	844.2	930.1	1044.3	1208.0
-15°	502.5	557.7	602.6	638.1	674.5	718.2	769.7	829.9	908.5	1010.4	1148.5
-17.5°	494.9	550.9	597.8	633.5	668.6	709.8	759.8	815.1	886.9	979.4	1104.3
-20°	485.9	542.5	592.3	627.6	661.6	701.7	750.2	803.3	867.1	947.6	1053.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627795 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	475.7	532.7	584.3	620.4	655.0	693.8	739.0	789.3	845.2	911.7	1000.0
-25°	464.7	520.0	572.3	612.6	647.0	683.9	725.9	773.6	824.9	882.3	954.6
-27.5°	453.2	506.0	559.6	603.3	637.3	672.6	712.8	757.6	801.3	849.5	908.5
-30°	440.5	492.4	546.7	591.7	626.1	660.8	698.3	735.2	775.1	819.1	870.1
-32.5°	427.5	477.7	531.3	576.9	613.4	647.2	679.2	712.4	748.3	787.9	831.3
-35°	414.3	462.7	513.8	562.3	599.1	630.8	659.8	689.1	720.5	756.4	794.3
-37.5°	400.7	446.2	494.9	545.1	583.4	612.5	639.5	666.5	694.6	724.0	758.4
-40°	385.9	428.2	475.2	523.3	565.6	593.6	619.8	644.0	669.0	696.4	724.0
-42.5°	370.1	410.7	454.1	499.9	541.4	573.7	599.8	622.7	644.4	668.5	693.9
-45°	353.9	391.9	431.9	474.9	515.6	550.8	577.8	601.6	620.4	640.5	663.3
-47.5°	337.0	372.4	410.0	449.3	488.9	524.5	554.1	576.3	595.9	613.7	631.9
-50°	319.0	353.1	386.5	423.2	461.1	497.2	528.0	549.8	568.7	586.0	602.5
-52.5°	299.3	333.1	363.2	395.5	431.5	467.4	497.9	521.5	540.3	557.0	574.2
-55°	278.7	310.3	338.9	367.8	399.2	433.9	464.5	488.9	511.2	527.3	545.0
-57.5°	257.0	285.5	312.4	339.5	367.2	396.7	426.7	453.7	475.5	495.0	513.4
-60°	234.6	260.1	284.3	309.3	334.5	360.5	387.8	414.2	437.7	457.9	474.6
-62.5°	211.6	234.2	256.0	277.7	300.4	323.4	347.1	371.9	397.6	416.1	432.0
-65°	187.7	207.9	227.6	246.9	265.5	286.3	306.7	326.4	348.0	368.0	385.4
-67.5°	163.2	181.2	198.9	216.1	232.8	249.9	267.1	284.8	301.8	318.0	333.8
-70°	140.1	154.5	169.8	184.9	199.6	213.9	228.4	243.1	257.8	272.2	285.9
-72.5°	117.2	129.7	141.8	153.6	166.6	179.4	191.1	201.8	213.9	227.2	239.4
-75°	95.6	104.7	114.8	124.7	135.1	145.6	155.8	165.6	175.2	185.1	194.9
-77.5°	75.0	83.1	90.4	97.1	104.4	113.1	121.6	129.7	137.5	144.9	152.0
-80°	55.1	61.4	67.7	73.6	79.3	84.9	90.3	95.5	100.5	105.9	111.5
-82.5°	36.3	41.0	45.6	50.1	54.4	58.6	62.7	66.6	70.3	73.9	77.3
-85°	19.0	20.6	23.6	26.6	29.5	32.3	35.0	37.6	40.1	42.4	44.7
-87.5°	9.5	10.3	11.1	11.8	12.5	13.2	13.9	14.6	15.2	15.8	16.3
-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: P627795 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-U-MR-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°	16.9	17.4	17.8	18.3	18.7	19.0	19.4	19.6	19.9	20.1	20.3
85°	46.8	48.8	50.7	52.4	54.0	54.4	54.5	54.4	54.2	54.9	55.5
82.5°	80.5	84.1	87.7	91.3	94.9	96.2	97.1	97.8	98.2	99.6	100.8
80°	116.8	122.5	127.8	132.5	136.7	139.7	142.4	145.0	147.2	148.3	148.8
77.5°	159.1	166.0	172.5	178.5	184.0	188.4	192.0	194.8	197.0	198.5	199.4
75°	204.6	213.4	221.1	228.4	235.0	239.7	242.9	245.3	246.9	248.7	250.0
72.5°	250.6	260.5	269.8	278.5	286.1	291.5	295.3	298.3	300.6	302.3	303.2
70°	298.8	310.8	321.0	329.7	336.6	341.8	345.8	349.1	351.6	353.4	354.3
67.5°	348.9	361.6	371.2	378.8	385.0	390.5	395.5	399.2	401.7	404.2	406.8
65°	399.9	412.8	422.6	430.7	437.2	444.3	450.8	455.6	458.8	461.7	464.6
62.5°	447.8	462.5	473.8	484.4	495.1	505.2	511.1	515.7	518.9	521.8	525.2
60°	491.4	508.0	521.9	534.7	547.8	560.9	566.4	570.6	574.6	578.4	581.8
57.5°	530.0	547.7	564.5	577.2	589.8	602.1	610.5	615.2	618.3	620.1	621.5
55°	563.7	581.3	598.2	612.8	626.4	639.0	648.5	653.0	656.4	658.6	659.9
52.5°	593.8	612.7	630.7	646.9	661.6	675.2	687.0	693.3	698.4	702.0	703.1
50°	623.4	643.9	663.3	680.7	697.8	714.1	729.1	737.8	743.9	747.6	748.8
47.5°	654.4	676.6	697.6	717.7	737.1	756.5	774.3	786.1	794.9	801.4	806.0
45°	686.6	710.4	733.7	757.5	779.8	804.7	827.2	844.5	857.3	868.3	877.2
42.5°	719.0	745.8	772.5	803.1	833.5	861.9	888.7	911.6	932.5	953.0	969.0
40°	754.2	783.5	820.1	856.4	894.0	926.9	966.0	1001.1	1033.2	1067.9	1096.7
37.5°	792.6	830.4	873.8	917.2	966.1	1013.5	1068.1	1121.9	1168.7	1229.5	1278.3
35°	834.6	882.4	933.6	991.9	1055.0	1129.3	1205.8	1295.4	1371.5	1468.1	1557.3
32.5°	881.3	937.5	1003.9	1084.2	1169.2	1288.6	1400.6	1552.6	1682.6	1850.2	2033.3
30°	928.8	1001.4	1091.8	1195.4	1339.2	1508.7	1706.3	1963.3	2241.3	2528.9	2916.0
27.5°	985.1	1079.4	1192.3	1352.2	1567.4	1801.9	2204.5	2639.1	3244.5	3723.9	4577.5
25°	1045.8	1162.5	1329.2	1561.0	1858.3	2333.1	3012.5	3799.2	5010.7	6088.3	7326.7
22.5°	1117.6	1276.2	1496.9	1800.4	2318.7	3135.5	4195.9	5811.6	7607.5	9380.1	11000.2
20°	1193.7	1385.3	1693.8	2188.2	2989.2	4170.2	6062.3	8370.9	10755.1	13184.4	15231.6
17.5°	1282.5	1542.7	1949.1	2605.7	3748.6	5770.5	8297.7	11233.2	14348.2	17448.0	20140.6
15°	1358.9	1680.3	2227.7	3211.1	4915.4	7444.4	10550.5	14257.9	18175.1	22198.0	26558.1
12.5°	1456.3	1846.2	2514.6	3711.5	5950.6	9237.7	13038.3	17342.7	22126.0	27467.5	34264.8
10°	1545.6	2020.1	2892.0	4513.4	7195.0	10912.9	15187.2	20070.7	26275.2	34302.0	42501.2
7.5°	1617.2	2158.0	3184.7	5139.2	8238.5	12344.0	17122.1	22977.2	30717.8	40275.9	49644.0
5°	1667.0	2253.6	3394.1	5611.9	9078.0	13437.7	18495.3	25119.8	34462.3	45165.8	54731.3
2.5°	1698.3	2305.9	3496.6	5892.6	9625.5	14095.8	19351.9	26481.4	36757.4	48278.6	57963.2
0°	1713.1	2315.0	3431.3	6029.2	9702.3	14049.3	19430.4	26936.0	37302.0	49123.8	58769.6
-2.5°	1698.3	2305.9	3496.6	5892.6	9625.5	14095.8	19351.9	26481.4	36757.4	48278.6	57963.2
-5°	1667.0	2253.6	3394.1	5611.9	9078.0	13437.7	18495.3	25119.8	34462.3	45165.8	54731.3
-7.5°	1617.2	2158.0	3184.7	5139.2	8238.5	12344.0	17122.1	22977.2	30717.8	40275.9	49644.0
-10°	1545.6	2020.1	2892.0	4513.4	7195.0	10912.9	15187.2	20070.7	26275.2	34302.0	42501.2
-12.5°	1456.3	1846.2	2514.6	3711.5	5950.6	9237.7	13038.3	17342.7	22126.0	27467.5	34264.8
-15°	1358.9	1680.3	2227.7	3211.1	4915.4	7444.4	10550.5	14257.9	18175.1	22198.0	26558.1
-17.5°	1282.5	1542.7	1949.1	2605.7	3748.6	5770.5	8297.7	11233.2	14348.2	17448.0	20140.6
-20°	1193.7	1385.3	1693.8	2188.2	2989.2	4170.2	6062.3	8370.9	10755.1	13184.4	15231.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627795 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1117.6	1276.2	1496.9	1800.4	2318.7	3135.5	4195.9	5811.6	7607.5	9380.1	11000.2
-25°	1045.8	1162.5	1329.2	1561.0	1858.3	2333.1	3012.5	3799.2	5010.7	6088.3	7326.7
-27.5°	985.1	1079.4	1192.3	1352.2	1567.4	1801.9	2204.5	2639.1	3244.5	3723.9	4577.5
-30°	928.8	1001.4	1091.8	1195.4	1339.2	1508.7	1706.3	1963.3	2241.3	2528.9	2916.0
-32.5°	881.3	937.5	1003.9	1084.2	1169.2	1288.6	1400.6	1552.6	1682.6	1850.2	2033.3
-35°	834.6	882.4	933.6	991.9	1055.0	1129.3	1205.8	1295.4	1371.5	1468.1	1557.3
-37.5°	792.6	830.4	873.8	917.2	966.1	1013.5	1068.1	1121.9	1168.7	1229.5	1278.3
-40°	754.2	783.5	820.1	856.4	894.0	926.9	966.0	1001.1	1033.2	1067.9	1096.7
-42.5°	719.0	745.8	772.5	803.1	833.5	861.9	888.7	911.6	932.5	953.0	969.0
-45°	686.6	710.4	733.7	757.5	779.8	804.7	827.2	844.5	857.3	868.3	877.2
-47.5°	654.4	676.6	697.6	717.7	737.1	756.5	774.3	786.1	794.9	801.4	806.0
-50°	623.4	643.9	663.3	680.7	697.8	714.1	729.1	737.8	743.9	747.6	748.8
-52.5°	593.8	612.7	630.7	646.9	661.6	675.2	687.0	693.3	698.4	702.0	703.1
-55°	563.7	581.3	598.2	612.8	626.4	639.0	648.5	653.0	656.4	658.6	659.9
-57.5°	530.0	547.7	564.5	577.2	589.8	602.1	610.5	615.2	618.3	620.1	621.5
-60°	491.4	508.0	521.9	534.7	547.8	560.9	566.4	570.6	574.6	578.4	581.8
-62.5°	447.8	462.5	473.8	484.4	495.1	505.2	511.1	515.7	518.9	521.8	525.2
-65°	399.9	412.8	422.6	430.7	437.2	444.3	450.8	455.6	458.8	461.7	464.6
-67.5°	348.9	361.6	371.2	378.8	385.0	390.5	395.5	399.2	401.7	404.2	406.8
-70°	298.8	310.8	321.0	329.7	336.6	341.8	345.8	349.1	351.6	353.4	354.3
-72.5°	250.6	260.5	269.8	278.5	286.1	291.5	295.3	298.3	300.6	302.3	303.2
-75°	204.6	213.4	221.1	228.4	235.0	239.7	242.9	245.3	246.9	248.7	250.0
-77.5°	159.1	166.0	172.5	178.5	184.0	188.4	192.0	194.8	197.0	198.5	199.4
-80°	116.8	122.5	127.8	132.5	136.7	139.7	142.4	145.0	147.2	148.3	148.8
-82.5°	80.5	84.1	87.7	91.3	94.9	96.2	97.1	97.8	98.2	99.6	100.8
-85°	46.8	48.8	50.7	52.4	54.0	54.4	54.5	54.4	54.2	54.9	55.5
-87.5°	16.9	17.4	17.8	18.3	18.7	19.0	19.4	19.6	19.9	20.1	20.3
-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: P627795 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-727-U-MR-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°	20.4	20.5	20.6	20.6	20.6	20.5	20.4	20.3	20.1	19.9	19.6
85°	56.0	56.3	56.5	56.6	56.5	56.3	56.0	55.5	54.9	54.2	54.4
82.5°	101.7	102.4	102.8	102.9	102.8	102.4	101.7	100.8	99.6	98.2	97.8
80°	148.9	148.5	149.0	149.2	149.0	148.5	148.9	148.8	148.3	147.2	145.0
77.5°	199.8	199.7	200.4	200.6	200.4	199.7	199.8	199.4	198.5	197.0	194.8
75°	250.8	251.0	251.8	252.1	251.8	251.0	250.8	250.0	248.7	246.9	245.3
72.5°	303.2	302.3	303.1	303.5	303.1	302.3	303.2	303.2	302.3	300.6	298.3
70°	354.4	353.7	357.0	360.1	357.0	353.7	354.4	354.3	353.4	351.6	349.1
67.5°	408.7	409.8	413.4	416.7	413.4	409.8	408.7	406.8	404.2	401.7	399.2
65°	466.1	466.3	469.9	473.3	469.9	466.3	466.1	464.6	461.7	458.8	455.6
62.5°	527.1	527.7	531.4	535.0	531.4	527.7	527.1	525.2	521.8	518.9	515.7
60°	583.8	584.4	585.8	586.5	585.8	584.4	583.8	581.8	578.4	574.6	570.6
57.5°	622.0	621.5	622.0	622.5	622.0	621.5	622.0	621.5	620.1	618.3	615.2
55°	659.6	658.0	656.0	653.3	656.0	658.0	659.6	659.9	658.6	656.4	653.0
52.5°	702.2	699.5	697.0	694.5	697.0	699.5	702.2	703.1	702.0	698.4	693.3
50°	748.1	745.6	743.3	740.8	743.3	745.6	748.1	748.8	747.6	743.9	737.8
47.5°	809.2	810.3	809.8	807.7	809.8	810.3	809.2	806.0	801.4	794.9	786.1
45°	883.5	886.4	886.8	884.8	886.8	886.4	883.5	877.2	868.3	857.3	844.5
42.5°	980.3	986.8	990.4	992.9	990.4	986.8	980.3	969.0	953.0	932.5	911.6
40°	1117.6	1130.9	1139.3	1147.2	1139.3	1130.9	1117.6	1096.7	1067.9	1033.2	1001.1
37.5°	1314.4	1338.6	1349.3	1342.7	1349.3	1338.6	1314.4	1278.3	1229.5	1168.7	1121.9
35°	1626.0	1671.8	1695.7	1697.7	1695.7	1671.8	1626.0	1557.3	1468.1	1371.5	1295.4
32.5°	2168.7	2262.6	2313.0	2320.1	2313.0	2262.6	2168.7	2033.3	1850.2	1682.6	1552.6
30°	3212.4	3403.8	3493.8	3472.5	3493.8	3403.8	3212.4	2916.0	2528.9	2241.3	1963.3
27.5°	5241.1	5718.6	6001.6	6024.1	6001.6	5718.6	5241.1	4577.5	3723.9	3244.5	2639.1
25°	8423.6	9238.8	9760.8	9769.2	9760.8	9238.8	8423.6	7326.7	6088.3	5010.7	3799.2
22.5°	12498.3	13611.0	14220.7	14327.1	14220.7	13611.0	12498.3	11000.2	9380.1	7607.5	5811.6
20°	17219.0	18699.2	19491.2	19492.1	19491.2	18699.2	17219.0	15231.6	13184.4	10755.1	8370.9
17.5°	23032.8	25436.3	26945.1	27594.5	26945.1	25436.3	23032.8	20140.6	17448.0	14348.2	11233.2
15°	30756.4	34795.4	37215.6	37651.8	37215.6	34795.4	30756.4	26558.1	22198.0	18175.1	14257.9
12.5°	40160.9	45272.3	48708.2	49967.5	48708.2	45272.3	40160.9	34264.8	27467.5	22126.0	17342.7
10°	49979.9	54715.9	58396.8	59633.8	58396.8	54715.9	49979.9	42501.2	34302.0	26275.2	20070.7
7.5°	57073.4	62720.9	66867.1	68688.0	66867.1	62720.9	57073.4	49644.0	40275.9	30717.8	22977.2
5°	62673.0	69355.3	73215.1	74928.1	73215.1	69355.3	62673.0	54731.3	45165.8	34462.3	25119.8
2.5°	66347.0	72949.8	77037.0	78616.6	77037.0	72949.8	66347.0	57963.2	48278.6	36757.4	26481.4
0°	67720.8	74177.0	78215.4	80144.5	78215.4	74177.0	67720.8	58769.6	49123.8	37302.0	26936.0
-2.5°	66347.0	72949.8	77037.0	78616.6	77037.0	72949.8	66347.0	57963.2	48278.6	36757.4	26481.4
-5°	62673.0	69355.3	73215.1	74928.1	73215.1	69355.3	62673.0	54731.3	45165.8	34462.3	25119.8
-7.5°	57073.4	62720.9	66867.1	68688.0	66867.1	62720.9	57073.4	49644.0	40275.9	30717.8	22977.2
-10°	49979.9	54715.9	58396.8	59633.8	58396.8	54715.9	49979.9	42501.2	34302.0	26275.2	20070.7
-12.5°	40160.9	45272.3	48708.2	49967.5	48708.2	45272.3	40160.9	34264.8	27467.5	22126.0	17342.7
-15°	30756.4	34795.4	37215.6	37651.8	37215.6	34795.4	30756.4	26558.1	22198.0	18175.1	14257.9
-17.5°	23032.8	25436.3	26945.1	27594.5	26945.1	25436.3	23032.8	20140.6	17448.0	14348.2	11233.2
-20°	17219.0	18699.2	19491.2	19492.1	19491.2	18699.2	17219.0	15231.6	13184.4	10755.1	8370.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627795 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	12498.3	13611.0	14220.7	14327.1	14220.7	13611.0	12498.3	11000.2	9380.1	7607.5	5811.6
-25°	8423.6	9238.8	9760.8	9769.2	9760.8	9238.8	8423.6	7326.7	6088.3	5010.7	3799.2
-27.5°	5241.1	5718.6	6001.6	6024.1	6001.6	5718.6	5241.1	4577.5	3723.9	3244.5	2639.1
-30°	3212.4	3403.8	3493.8	3472.5	3493.8	3403.8	3212.4	2916.0	2528.9	2241.3	1963.3
-32.5°	2168.7	2262.6	2313.0	2320.1	2313.0	2262.6	2168.7	2033.3	1850.2	1682.6	1552.6
-35°	1626.0	1671.8	1695.7	1697.7	1695.7	1671.8	1626.0	1557.3	1468.1	1371.5	1295.4
-37.5°	1314.4	1338.6	1349.3	1342.7	1349.3	1338.6	1314.4	1278.3	1229.5	1168.7	1121.9
-40°	1117.6	1130.9	1139.3	1147.2	1139.3	1130.9	1117.6	1096.7	1067.9	1033.2	1001.1
-42.5°	980.3	986.8	990.4	992.9	990.4	986.8	980.3	969.0	953.0	932.5	911.6
-45°	883.5	886.4	886.8	884.8	886.8	886.4	883.5	877.2	868.3	857.3	844.5
-47.5°	809.2	810.3	809.8	807.7	809.8	810.3	809.2	806.0	801.4	794.9	786.1
-50°	748.1	745.6	743.3	740.8	743.3	745.6	748.1	748.8	747.6	743.9	737.8
-52.5°	702.2	699.5	697.0	694.5	697.0	699.5	702.2	703.1	702.0	698.4	693.3
-55°	659.6	658.0	656.0	653.3	656.0	658.0	659.6	659.9	658.6	656.4	653.0
-57.5°	622.0	621.5	622.0	622.5	622.0	621.5	622.0	621.5	620.1	618.3	615.2
-60°	583.8	584.4	585.8	586.5	585.8	584.4	583.8	581.8	578.4	574.6	570.6
-62.5°	527.1	527.7	531.4	535.0	531.4	527.7	527.1	525.2	521.8	518.9	515.7
-65°	466.1	466.3	469.9	473.3	469.9	466.3	466.1	464.6	461.7	458.8	455.6
-67.5°	408.7	409.8	413.4	416.7	413.4	409.8	408.7	406.8	404.2	401.7	399.2
-70°	354.4	353.7	357.0	360.1	357.0	353.7	354.4	354.3	353.4	351.6	349.1
-72.5°	303.2	302.3	303.1	303.5	303.1	302.3	303.2	303.2	302.3	300.6	298.3
-75°	250.8	251.0	251.8	252.1	251.8	251.0	250.8	250.0	248.7	246.9	245.3
-77.5°	199.8	199.7	200.4	200.6	200.4	199.7	199.8	199.4	198.5	197.0	194.8
-80°	148.9	148.5	149.0	149.2	149.0	148.5	148.9	148.8	148.3	147.2	145.0
-82.5°	101.7	102.4	102.8	102.9	102.8	102.4	101.7	100.8	99.6	98.2	97.8
-85°	56.0	56.3	56.5	56.6	56.5	56.3	56.0	55.5	54.9	54.2	54.4
-87.5°	20.4	20.5	20.6	20.6	20.6	20.5	20.4	20.3	20.1	19.9	19.6
-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: P627795 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-U-MR-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°	19.4	19.0	18.7	18.3	17.8	17.4	16.9	16.3	15.8	15.2	14.6
85°	54.5	54.4	54.0	52.4	50.7	48.8	46.8	44.7	42.4	40.1	37.6
82.5°	97.1	96.2	94.9	91.3	87.7	84.1	80.5	77.3	73.9	70.3	66.6
80°	142.4	139.7	136.7	132.5	127.8	122.5	116.8	111.5	105.9	100.5	95.5
77.5°	192.0	188.4	184.0	178.5	172.5	166.0	159.1	152.0	144.9	137.5	129.7
75°	242.9	239.7	235.0	228.4	221.1	213.4	204.6	194.9	185.1	175.2	165.6
72.5°	295.3	291.5	286.1	278.5	269.8	260.5	250.6	239.4	227.2	213.9	201.8
70°	345.8	341.8	336.6	329.7	321.0	310.8	298.8	285.9	272.2	257.8	243.1
67.5°	395.5	390.5	385.0	378.8	371.2	361.6	348.9	333.8	318.0	301.8	284.8
65°	450.8	444.3	437.2	430.7	422.6	412.8	399.9	385.4	368.0	348.0	326.4
62.5°	511.1	505.2	495.1	484.4	473.8	462.5	447.8	432.0	416.1	397.6	371.9
60°	566.4	560.9	547.8	534.7	521.9	508.0	491.4	474.6	457.9	437.7	414.2
57.5°	610.5	602.1	589.8	577.2	564.5	547.7	530.0	513.4	495.0	475.5	453.7
55°	648.5	639.0	626.4	612.8	598.2	581.3	563.7	545.0	527.3	511.2	488.9
52.5°	687.0	675.2	661.6	646.9	630.7	612.7	593.8	574.2	557.0	540.3	521.5
50°	729.1	714.1	697.8	680.7	663.3	643.9	623.4	602.5	586.0	568.7	549.8
47.5°	774.3	756.5	737.1	717.7	697.6	676.6	654.4	631.9	613.7	595.9	576.3
45°	827.2	804.7	779.8	757.5	733.7	710.4	686.6	663.3	640.5	620.4	601.6
42.5°	888.7	861.9	833.5	803.1	772.5	745.8	719.0	693.9	668.5	644.4	622.7
40°	966.0	926.9	894.0	856.4	820.1	783.5	754.2	724.0	696.4	669.0	644.0
37.5°	1068.1	1013.5	966.1	917.2	873.8	830.4	792.6	758.4	724.0	694.6	666.5
35°	1205.8	1129.3	1055.0	991.9	933.6	882.4	834.6	794.3	756.4	720.5	689.1
32.5°	1400.6	1288.6	1169.2	1084.2	1003.9	937.5	881.3	831.3	787.9	748.3	712.4
30°	1706.3	1508.7	1339.2	1195.4	1091.8	1001.4	928.8	870.1	819.1	775.1	735.2
27.5°	2204.5	1801.9	1567.4	1352.2	1192.3	1079.4	985.1	908.5	849.5	801.3	757.6
25°	3012.5	2333.1	1858.3	1561.0	1329.2	1162.5	1045.8	954.6	882.3	824.9	773.6
22.5°	4195.9	3135.5	2318.7	1800.4	1496.9	1276.2	1117.6	1000.0	911.7	845.2	789.3
20°	6062.3	4170.2	2989.2	2188.2	1693.8	1385.3	1193.7	1053.2	947.6	867.1	803.3
17.5°	8297.7	5770.5	3748.6	2605.7	1949.1	1542.7	1282.5	1104.3	979.4	886.9	815.1
15°	10550.5	7444.4	4915.4	3211.1	2227.7	1680.3	1358.9	1148.5	1010.4	908.5	829.9
12.5°	13038.3	9237.7	5950.6	3711.5	2514.6	1846.2	1456.3	1208.0	1044.3	930.1	844.2
10°	15187.2	10912.9	7195.0	4513.4	2892.0	2020.1	1545.6	1259.0	1072.7	947.5	855.4
7.5°	17122.1	12344.0	8238.5	5139.2	3184.7	2158.0	1617.2	1299.7	1094.0	960.3	863.2
5°	18495.3	13437.7	9078.0	5611.9	3394.1	2253.6	1667.0	1328.4	1108.0	968.3	867.8
2.5°	19351.9	14095.8	9625.5	5892.6	3496.6	2305.9	1698.3	1344.7	1119.8	977.2	870.3
0°	19430.4	14049.3	9702.3	6029.2	3431.3	2315.0	1713.1	1347.8	1126.6	982.6	869.4
-2.5°	19351.9	14095.8	9625.5	5892.6	3496.6	2305.9	1698.3	1344.7	1119.8	977.2	870.3
-5°	18495.3	13437.7	9078.0	5611.9	3394.1	2253.6	1667.0	1328.4	1108.0	968.3	867.8
-7.5°	17122.1	12344.0	8238.5	5139.2	3184.7	2158.0	1617.2	1299.7	1094.0	960.3	863.2
-10°	15187.2	10912.9	7195.0	4513.4	2892.0	2020.1	1545.6	1259.0	1072.7	947.5	855.4
-12.5°	13038.3	9237.7	5950.6	3711.5	2514.6	1846.2	1456.3	1208.0	1044.3	930.1	844.2
-15°	10550.5	7444.4	4915.4	3211.1	2227.7	1680.3	1358.9	1148.5	1010.4	908.5	829.9
-17.5°	8297.7	5770.5	3748.6	2605.7	1949.1	1542.7	1282.5	1104.3	979.4	886.9	815.1
-20°	6062.3	4170.2	2989.2	2188.2	1693.8	1385.3	1193.7	1053.2	947.6	867.1	803.3



REPORT NUMBER: P627795 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4195.9	3135.5	2318.7	1800.4	1496.9	1276.2	1117.6	1000.0	911.7	845.2	789.3
-25°	3012.5	2333.1	1858.3	1561.0	1329.2	1162.5	1045.8	954.6	882.3	824.9	773.6
-27.5°	2204.5	1801.9	1567.4	1352.2	1192.3	1079.4	985.1	908.5	849.5	801.3	757.6
-30°	1706.3	1508.7	1339.2	1195.4	1091.8	1001.4	928.8	870.1	819.1	775.1	735.2
-32.5°	1400.6	1288.6	1169.2	1084.2	1003.9	937.5	881.3	831.3	787.9	748.3	712.4
-35°	1205.8	1129.3	1055.0	991.9	933.6	882.4	834.6	794.3	756.4	720.5	689.1
-37.5°	1068.1	1013.5	966.1	917.2	873.8	830.4	792.6	758.4	724.0	694.6	666.5
-40°	966.0	926.9	894.0	856.4	820.1	783.5	754.2	724.0	696.4	669.0	644.0
-42.5°	888.7	861.9	833.5	803.1	772.5	745.8	719.0	693.9	668.5	644.4	622.7
-45°	827.2	804.7	779.8	757.5	733.7	710.4	686.6	663.3	640.5	620.4	601.6
-47.5°	774.3	756.5	737.1	717.7	697.6	676.6	654.4	631.9	613.7	595.9	576.3
-50°	729.1	714.1	697.8	680.7	663.3	643.9	623.4	602.5	586.0	568.7	549.8
-52.5°	687.0	675.2	661.6	646.9	630.7	612.7	593.8	574.2	557.0	540.3	521.5
-55°	648.5	639.0	626.4	612.8	598.2	581.3	563.7	545.0	527.3	511.2	488.9
-57.5°	610.5	602.1	589.8	577.2	564.5	547.7	530.0	513.4	495.0	475.5	453.7
-60°	566.4	560.9	547.8	534.7	521.9	508.0	491.4	474.6	457.9	437.7	414.2
-62.5°	511.1	505.2	495.1	484.4	473.8	462.5	447.8	432.0	416.1	397.6	371.9
-65°	450.8	444.3	437.2	430.7	422.6	412.8	399.9	385.4	368.0	348.0	326.4
-67.5°	395.5	390.5	385.0	378.8	371.2	361.6	348.9	333.8	318.0	301.8	284.8
-70°	345.8	341.8	336.6	329.7	321.0	310.8	298.8	285.9	272.2	257.8	243.1
-72.5°	295.3	291.5	286.1	278.5	269.8	260.5	250.6	239.4	227.2	213.9	201.8
-75°	242.9	239.7	235.0	228.4	221.1	213.4	204.6	194.9	185.1	175.2	165.6
-77.5°	192.0	188.4	184.0	178.5	172.5	166.0	159.1	152.0	144.9	137.5	129.7
-80°	142.4	139.7	136.7	132.5	127.8	122.5	116.8	111.5	105.9	100.5	95.5
-82.5°	97.1	96.2	94.9	91.3	87.7	84.1	80.5	77.3	73.9	70.3	66.6
-85°	54.5	54.4	54.0	52.4	50.7	48.8	46.8	44.7	42.4	40.1	37.6
-87.5°	19.4	19.0	18.7	18.3	17.8	17.4	16.9	16.3	15.8	15.2	14.6
-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: P627795 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-727-U-MR-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°	13.9	13.2	12.5	11.8	11.1	10.3	9.5	8.7	7.9	7.0	6.2
85°	35.0	32.3	29.5	26.6	23.6	20.6	19.0	17.4	15.7	14.1	12.4
82.5°	62.7	58.6	54.4	50.1	45.6	41.0	36.3	31.5	26.4	21.5	18.5
80°	90.3	84.9	79.3	73.6	67.7	61.4	55.1	48.6	41.4	34.5	27.9
77.5°	121.6	113.1	104.4	97.1	90.4	83.1	75.0	66.0	56.2	47.4	38.9
75°	155.8	145.6	135.1	124.7	114.8	104.7	95.6	85.0	72.7	60.3	49.7
72.5°	191.1	179.4	166.6	153.6	141.8	129.7	117.2	103.8	89.7	75.4	61.0
70°	228.4	213.9	199.6	184.9	169.8	154.5	140.1	124.0	106.5	90.4	74.1
67.5°	267.1	249.9	232.8	216.1	198.9	181.2	163.2	144.4	124.9	105.2	87.0
65°	306.7	286.3	265.5	246.9	227.6	207.9	187.7	164.8	142.9	121.2	99.7
62.5°	347.1	323.4	300.4	277.7	256.0	234.2	211.6	185.9	160.8	137.0	113.1
60°	387.8	360.5	334.5	309.3	284.3	260.1	234.6	206.4	179.0	152.4	126.6
57.5°	426.7	396.7	367.2	339.5	312.4	285.5	257.0	226.6	196.6	167.8	139.8
55°	464.5	433.9	399.2	367.8	338.9	310.3	278.7	246.5	213.7	182.6	152.6
52.5°	497.9	467.4	431.5	395.5	363.2	333.1	299.3	265.8	231.1	196.9	165.1
50°	528.0	497.2	461.1	423.2	386.5	353.1	319.0	283.6	247.9	210.9	177.2
47.5°	554.1	524.5	488.9	449.3	410.0	372.4	337.0	300.5	264.1	225.3	188.8
45°	577.8	550.8	515.6	474.9	431.9	391.9	353.9	316.4	278.3	239.2	199.9
42.5°	599.8	573.7	541.4	499.9	454.1	410.7	370.1	331.1	291.8	252.3	211.1
40°	619.8	593.6	565.6	523.3	475.2	428.2	385.9	345.0	304.4	264.4	221.9
37.5°	639.5	612.5	583.4	545.1	494.9	446.2	400.7	358.2	316.5	275.1	232.0
35°	659.8	630.8	599.1	562.3	513.8	462.7	414.3	370.5	328.0	285.2	241.5
32.5°	679.2	647.2	613.4	576.9	531.3	477.7	427.5	382.5	338.7	294.6	250.2
30°	698.3	660.8	626.1	591.7	546.7	492.4	440.5	393.6	348.6	303.4	258.1
27.5°	712.8	672.6	637.3	603.3	559.6	506.0	453.2	403.8	357.8	311.5	265.1
25°	725.9	683.9	647.0	612.6	572.3	520.0	464.7	413.2	366.1	318.8	271.5
22.5°	739.0	693.8	655.0	620.4	584.3	532.7	475.7	422.6	373.6	325.5	277.3
20°	750.2	701.7	661.6	627.6	592.3	542.5	485.9	430.9	380.3	331.4	282.4
17.5°	759.8	709.8	668.6	633.5	597.8	550.9	494.9	438.2	386.1	336.5	286.8
15°	769.7	718.2	674.5	638.1	602.6	557.7	502.5	444.4	391.0	340.8	290.9
12.5°	778.1	724.4	679.1	641.4	606.6	563.0	508.8	449.5	395.0	344.8	294.7
10°	784.7	728.4	682.4	643.4	609.7	566.9	513.7	454.2	399.8	348.5	297.9
7.5°	789.3	730.5	684.2	644.3	612.0	570.4	518.5	459.4	404.0	351.3	300.3
5°	792.4	731.4	685.4	646.2	613.3	573.6	522.0	463.4	407.5	353.4	302.1
2.5°	796.1	731.8	685.5	647.7	613.3	575.6	524.0	466.3	410.0	354.6	303.1
0°	797.4	730.5	684.2	648.2	612.2	576.2	524.7	468.1	411.6	355.0	303.5
-2.5°	796.1	731.8	685.5	647.7	613.3	575.6	524.0	466.3	410.0	354.6	303.1
-5°	792.4	731.4	685.4	646.2	613.3	573.6	522.0	463.4	407.5	353.4	302.1
-7.5°	789.3	730.5	684.2	644.3	612.0	570.4	518.5	459.4	404.0	351.3	300.3
-10°	784.7	728.4	682.4	643.4	609.7	566.9	513.7	454.2	399.8	348.5	297.9
-12.5°	778.1	724.4	679.1	641.4	606.6	563.0	508.8	449.5	395.0	344.8	294.7
-15°	769.7	718.2	674.5	638.1	602.6	557.7	502.5	444.4	391.0	340.8	290.9
-17.5°	759.8	709.8	668.6	633.5	597.8	550.9	494.9	438.2	386.1	336.5	286.8
-20°	750.2	701.7	661.6	627.6	592.3	542.5	485.9	430.9	380.3	331.4	282.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627795 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	739.0	693.8	655.0	620.4	584.3	532.7	475.7	422.6	373.6	325.5	277.3
-25°	725.9	683.9	647.0	612.6	572.3	520.0	464.7	413.2	366.1	318.8	271.5
-27.5°	712.8	672.6	637.3	603.3	559.6	506.0	453.2	403.8	357.8	311.5	265.1
-30°	698.3	660.8	626.1	591.7	546.7	492.4	440.5	393.6	348.6	303.4	258.1
-32.5°	679.2	647.2	613.4	576.9	531.3	477.7	427.5	382.5	338.7	294.6	250.2
-35°	659.8	630.8	599.1	562.3	513.8	462.7	414.3	370.5	328.0	285.2	241.5
-37.5°	639.5	612.5	583.4	545.1	494.9	446.2	400.7	358.2	316.5	275.1	232.0
-40°	619.8	593.6	565.6	523.3	475.2	428.2	385.9	345.0	304.4	264.4	221.9
-42.5°	599.8	573.7	541.4	499.9	454.1	410.7	370.1	331.1	291.8	252.3	211.1
-45°	577.8	550.8	515.6	474.9	431.9	391.9	353.9	316.4	278.3	239.2	199.9
-47.5°	554.1	524.5	488.9	449.3	410.0	372.4	337.0	300.5	264.1	225.3	188.8
-50°	528.0	497.2	461.1	423.2	386.5	353.1	319.0	283.6	247.9	210.9	177.2
-52.5°	497.9	467.4	431.5	395.5	363.2	333.1	299.3	265.8	231.1	196.9	165.1
-55°	464.5	433.9	399.2	367.8	338.9	310.3	278.7	246.5	213.7	182.6	152.6
-57.5°	426.7	396.7	367.2	339.5	312.4	285.5	257.0	226.6	196.6	167.8	139.8
-60°	387.8	360.5	334.5	309.3	284.3	260.1	234.6	206.4	179.0	152.4	126.6
-62.5°	347.1	323.4	300.4	277.7	256.0	234.2	211.6	185.9	160.8	137.0	113.1
-65°	306.7	286.3	265.5	246.9	227.6	207.9	187.7	164.8	142.9	121.2	99.7
-67.5°	267.1	249.9	232.8	216.1	198.9	181.2	163.2	144.4	124.9	105.2	87.0
-70°	228.4	213.9	199.6	184.9	169.8	154.5	140.1	124.0	106.5	90.4	74.1
-72.5°	191.1	179.4	166.6	153.6	141.8	129.7	117.2	103.8	89.7	75.4	61.0
-75°	155.8	145.6	135.1	124.7	114.8	104.7	95.6	85.0	72.7	60.3	49.7
-77.5°	121.6	113.1	104.4	97.1	90.4	83.1	75.0	66.0	56.2	47.4	38.9
-80°	90.3	84.9	79.3	73.6	67.7	61.4	55.1	48.6	41.4	34.5	27.9
-82.5°	62.7	58.6	54.4	50.1	45.6	41.0	36.3	31.5	26.4	21.5	18.5
-85°	35.0	32.3	29.5	26.6	23.6	20.6	19.0	17.4	15.7	14.1	12.4
-87.5°	13.9	13.2	12.5	11.8	11.1	10.3	9.5	8.7	7.9	7.0	6.2
-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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Scaled Data Report



REPORT NUMBER: P627795 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-U-MR-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°	5.3	4.5	3.6	2.7	1.8	0.9	0.0
85°	10.7	8.9	7.1	5.4	3.6	1.8	0.0
82.5°	16.0	13.3	10.7	8.0	5.4	2.7	0.0
80°	21.7	17.7	14.2	10.7	7.1	3.6	0.0
77.5°	30.8	23.3	17.7	13.3	8.9	4.5	0.0
75°	39.9	30.8	21.7	16.0	10.7	5.3	0.0
72.5°	48.9	38.3	27.7	18.5	12.4	6.2	0.0
70°	58.1	45.7	33.6	21.4	14.1	7.0	0.0
67.5°	69.3	53.0	39.5	25.8	15.7	7.9	0.0
65°	80.3	61.2	45.2	30.1	17.4	8.7	0.0
62.5°	91.1	70.2	50.8	34.4	19.0	9.5	0.0
60°	101.7	79.1	56.3	38.5	20.6	10.3	0.0
57.5°	112.8	87.7	63.1	42.5	23.3	11.1	0.0
55°	123.7	96.1	69.9	46.4	25.9	11.8	0.0
52.5°	134.1	104.3	76.4	50.2	28.4	12.5	0.0
50°	144.2	112.6	82.7	53.9	30.8	13.2	0.0
47.5°	153.8	120.5	88.8	57.7	33.2	13.9	0.0
45°	163.3	128.1	94.6	62.1	35.5	14.6	0.0
42.5°	172.5	135.3	100.2	66.3	37.7	15.2	0.0
40°	181.2	142.0	105.6	70.2	39.7	15.8	0.0
37.5°	189.4	148.4	110.7	73.9	41.7	16.3	0.0
35°	197.2	154.7	115.6	77.4	43.6	16.9	0.0
32.5°	204.6	160.8	120.0	80.5	45.3	17.4	0.0
30°	211.5	166.4	124.2	83.4	46.9	17.8	0.0
27.5°	217.9	171.6	127.9	86.1	48.4	18.3	0.0
25°	223.6	176.4	131.4	88.5	49.8	18.7	0.0
22.5°	228.8	180.7	134.6	90.6	51.1	19.0	0.0
20°	233.3	184.4	137.5	92.4	52.2	19.4	0.0
17.5°	237.4	187.6	140.2	94.0	53.3	19.6	0.0
15°	241.1	190.3	142.5	95.3	54.1	19.9	0.0
12.5°	244.4	192.4	144.5	96.3	54.9	20.1	0.0
10°	247.1	194.0	146.2	97.1	55.5	20.3	0.0
7.5°	249.2	195.1	147.5	97.6	56.0	20.4	0.0
5°	250.8	195.7	148.4	97.9	56.3	20.5	0.0
2.5°	251.8	195.8	149.0	97.9	56.5	20.6	0.0
0°	252.1	195.5	149.2	97.7	56.6	20.6	0.0
-2.5°	251.8	195.8	149.0	97.9	56.5	20.6	0.0
-5°	250.8	195.7	148.4	97.9	56.3	20.5	0.0
-7.5°	249.2	195.1	147.5	97.6	56.0	20.4	0.0
-10°	247.1	194.0	146.2	97.1	55.5	20.3	0.0
-12.5°	244.4	192.4	144.5	96.3	54.9	20.1	0.0
-15°	241.1	190.3	142.5	95.3	54.1	19.9	0.0
-17.5°	237.4	187.6	140.2	94.0	53.3	19.6	0.0
-20°	233.3	184.4	137.5	92.4	52.2	19.4	0.0

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CATALOG NUMBER: GFLD-SA6B-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	228.8	180.7	134.6	90.6	51.1	19.0	0.0
-25°	223.6	176.4	131.4	88.5	49.8	18.7	0.0
-27.5°	217.9	171.6	127.9	86.1	48.4	18.3	0.0
-30°	211.5	166.4	124.2	83.4	46.9	17.8	0.0
-32.5°	204.6	160.8	120.0	80.5	45.3	17.4	0.0
-35°	197.2	154.7	115.6	77.4	43.6	16.9	0.0
-37.5°	189.4	148.4	110.7	73.9	41.7	16.3	0.0
-40°	181.2	142.0	105.6	70.2	39.7	15.8	0.0
-42.5°	172.5	135.3	100.2	66.3	37.7	15.2	0.0
-45°	163.3	128.1	94.6	62.1	35.5	14.6	0.0
-47.5°	153.8	120.5	88.8	57.7	33.2	13.9	0.0
-50°	144.2	112.6	82.7	53.9	30.8	13.2	0.0
-52.5°	134.1	104.3	76.4	50.2	28.4	12.5	0.0
-55°	123.7	96.1	69.9	46.4	25.9	11.8	0.0
-57.5°	112.8	87.7	63.1	42.5	23.3	11.1	0.0
-60°	101.7	79.1	56.3	38.5	20.6	10.3	0.0
-62.5°	91.1	70.2	50.8	34.4	19.0	9.5	0.0
-65°	80.3	61.2	45.2	30.1	17.4	8.7	0.0
-67.5°	69.3	53.0	39.5	25.8	15.7	7.9	0.0
-70°	58.1	45.7	33.6	21.4	14.1	7.0	0.0
-72.5°	48.9	38.3	27.7	18.5	12.4	6.2	0.0
-75°	39.9	30.8	21.7	16.0	10.7	5.3	0.0
-77.5°	30.8	23.3	17.7	13.3	8.9	4.5	0.0
-80°	21.7	17.7	14.2	10.7	7.1	3.6	0.0
-82.5°	16.0	13.3	10.7	8.0	5.4	2.7	0.0
-85°	10.7	8.9	7.1	5.4	3.6	1.8	0.0
-87.5°	5.3	4.5	3.6	2.7	1.8	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)