

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: P627599 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-750-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627599 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5B-750-U-NR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N125
Light Source: (80) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

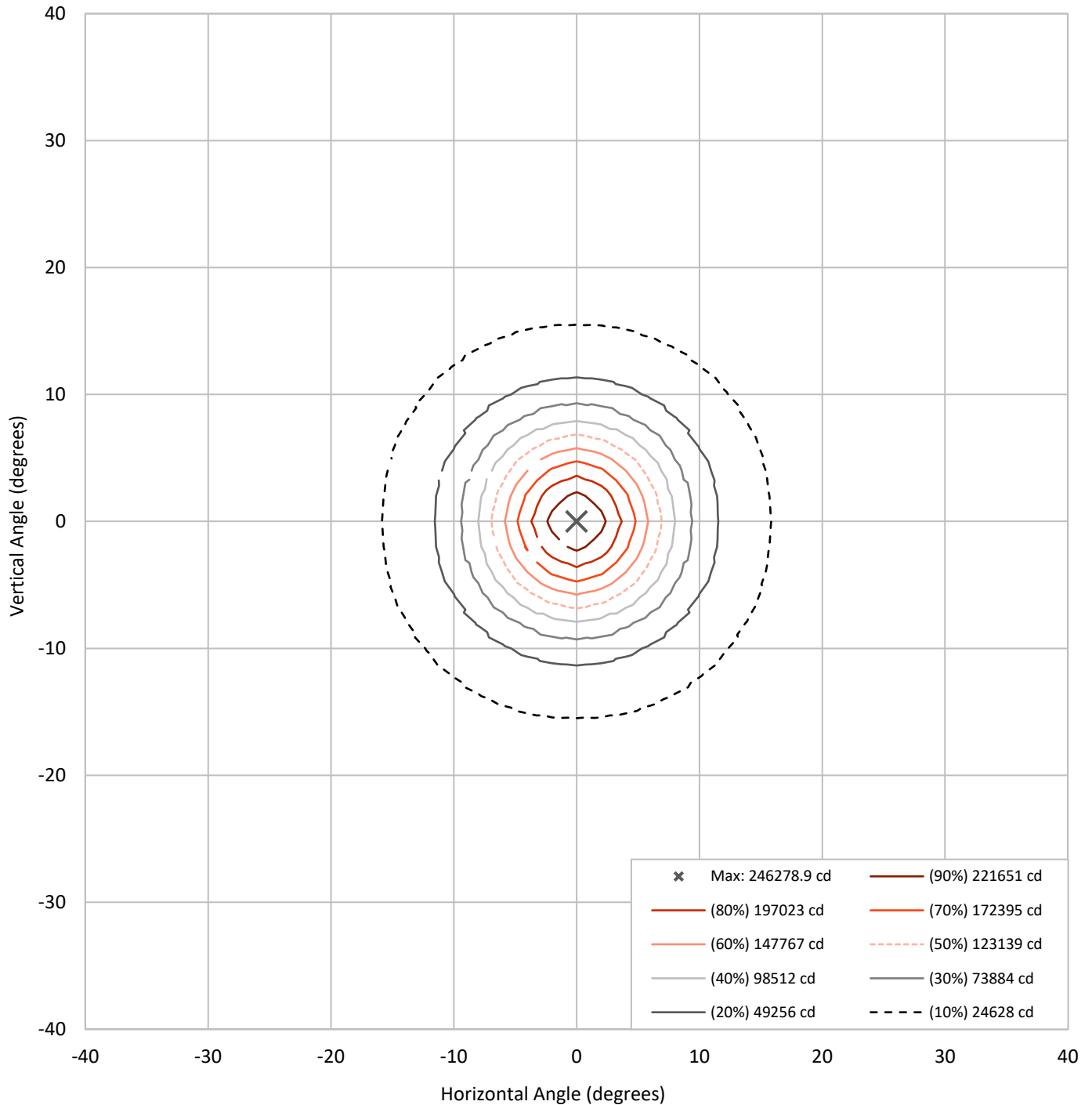
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	26151.2 lumens	Max Intensity:	246278.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	164.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	7731.8 lumens	Field Lumens:	17399.6 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	158.7		
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: P627599 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-U-NR-XX

Iso-Candela Plot





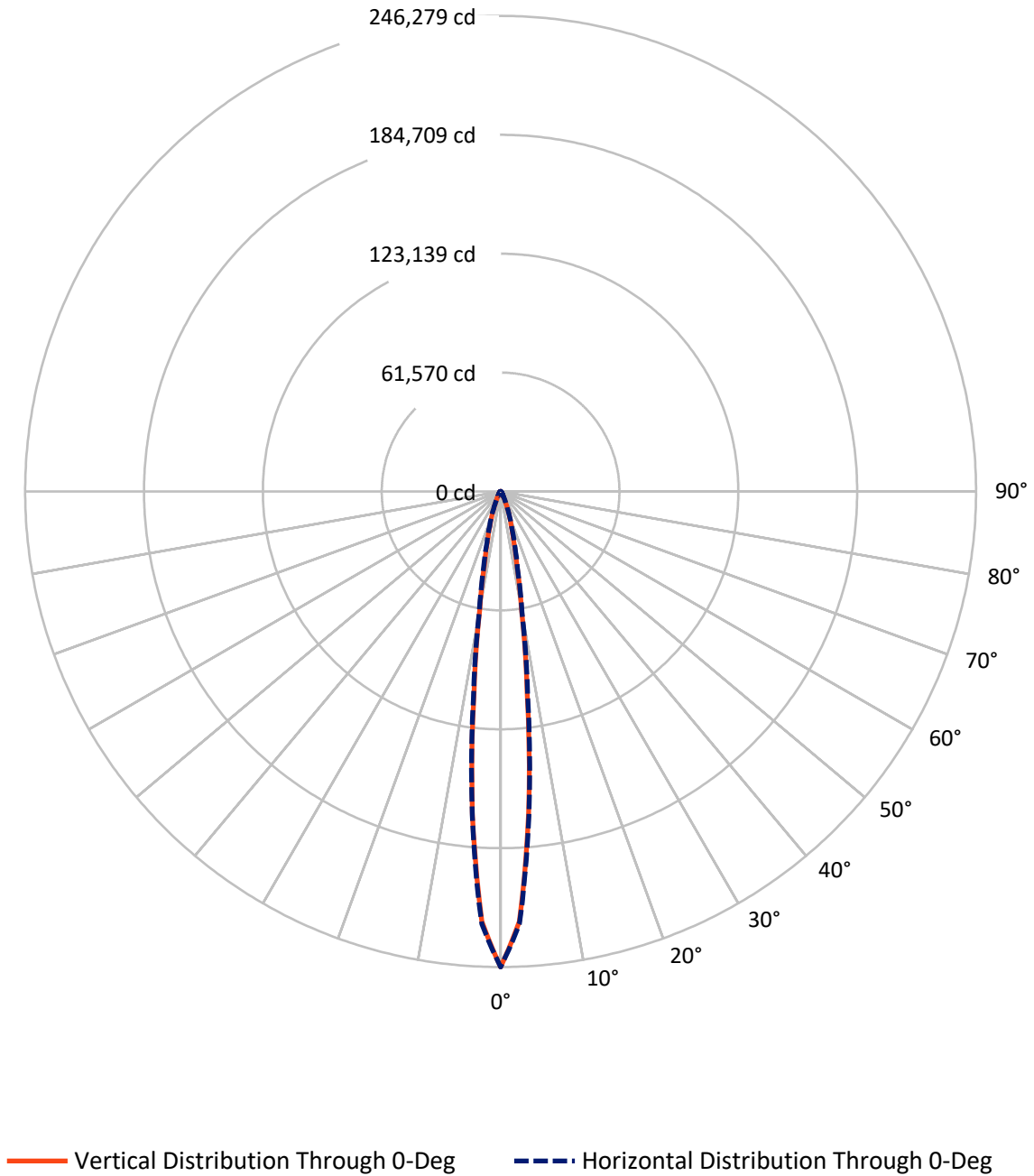
REPORT NUMBER: P627599 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90	0.5	3.6		9.4		15.2		16.6		15.2		9.4		3.6		0.5			
80	0.5	3.6		9.4		15.2		16.6		15.2		9.4		3.6		0.5			
70	1.6	1.8	3.8	6.2	8.8	10.7	12.1	12.6	12.6	12.1	10.7	8.8	6.2	3.8	1.8	1.6			
60		2.8	5.7	9.2	12.4	15.1	16.9	17.6	17.6	16.9	15.1	12.4	9.2	5.7	2.8				
50	2.8	3.6	7.3	11.4	15.1	19.0	22.4	24.1	24.1	22.4	19.0	15.1	11.4	7.3	3.6	2.8			
40		4.4	8.6	13.1	18.6	26.7	37.7	46.7	46.7	37.7	26.7	18.6	13.1	8.6	4.4				
30	3.7	4.9	9.5	14.8	24.1	47.8	108.8	180.1	180.1	108.8	47.8	24.1	14.8	9.5	4.9	3.7			
20		5.3	9.9	16.3	31.9	101.5	360.3	775.9	775.9	360.3	101.5	31.9	16.3	9.9	5.3				
10	4.0	5.5	10.2	17.3	38.6	167.2	783.2	3383.2	3383.2	783.2	167.2	38.6	17.3	10.2	5.5	4.0			
0		5.5	10.2	17.3	38.6	167.2	783.2	3383.2	3383.2	783.2	167.2	38.6	17.3	10.2	5.5				
-10	3.7	5.3	9.9	16.3	31.9	101.5	360.3	775.9	775.9	360.3	101.5	31.9	16.3	9.9	5.3	3.7			
-20		4.9	9.5	14.8	24.1	47.8	108.8	180.1	180.1	108.8	47.8	24.1	14.8	9.5	4.9				
-30	2.8	4.4	8.6	13.1	18.6	26.7	37.7	46.7	46.7	37.7	26.7	18.6	13.1	8.6	4.4	2.8			
-40		3.6	7.3	11.4	15.1	19.0	22.4	24.1	24.1	22.4	19.0	15.1	11.4	7.3	3.6				
-50	1.6	2.8	5.7	9.2	12.4	15.1	16.9	17.6	17.6	16.9	15.1	12.4	9.2	5.7	2.8	1.6			
-60		1.8	3.8	6.2	8.8	10.7	12.1	12.6	12.6	12.1	10.7	8.8	6.2	3.8	1.8				
-70	0.5	3.6		9.4		15.2		16.6		15.2		9.4		3.6		0.5			
-80		3.6		9.4		15.2		16.6		15.2		9.4		3.6					
-90	0.5	3.6		9.4		15.2		16.6		15.2		9.4		3.6		0.5			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

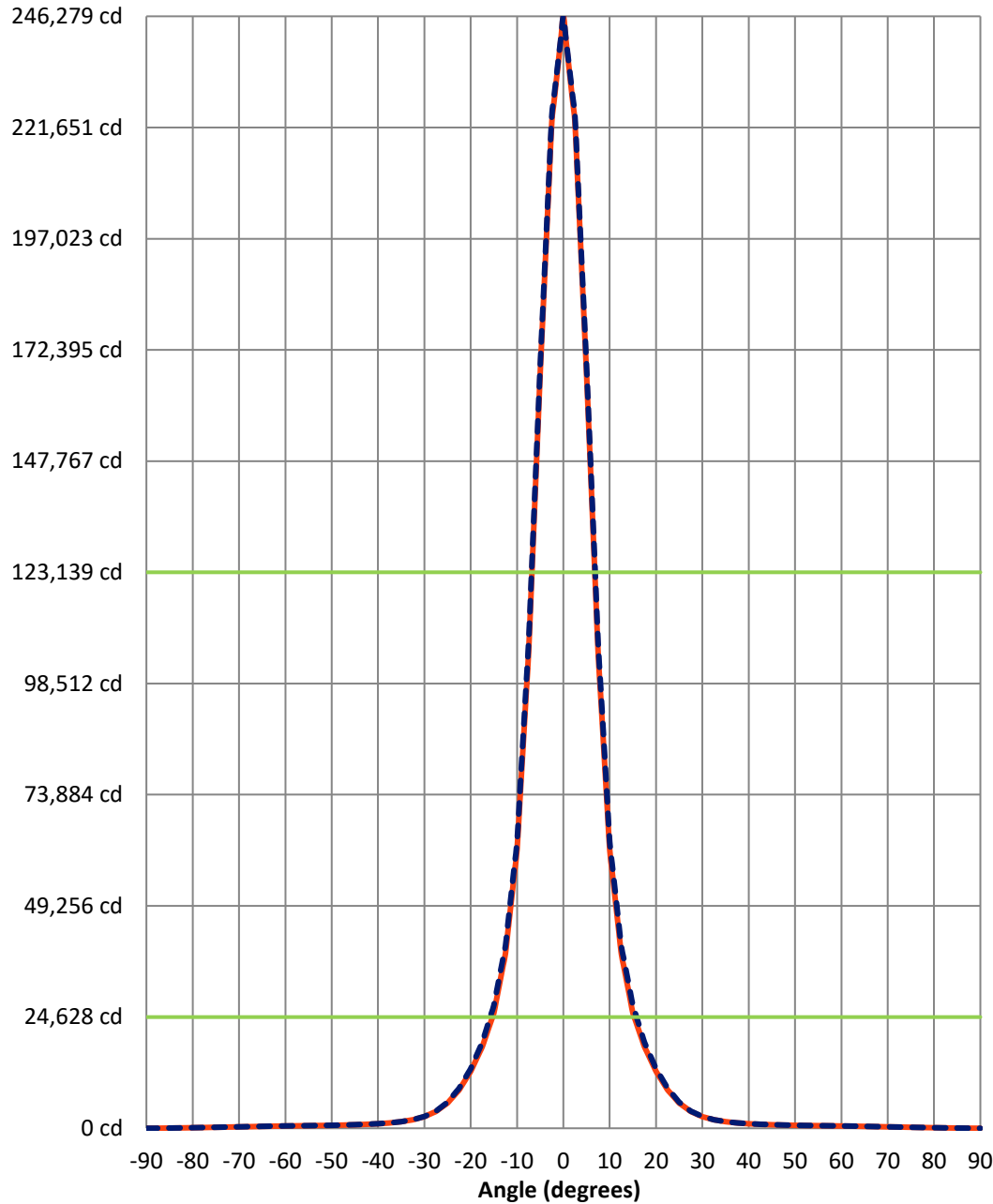
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 13.7°
V Angle: 13.6°
Lumens: 7731.8
Efficiency: 29.6%

Field:
H Angle: 31.6°
V Angle: 30.6°
Lumens: 17399.6
Efficiency: 66.5%

Spill:
Lumens: 8751.6
Efficiency: 33.5%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.8	1.8	2.8	3.7	4.6	5.5	6.3	7.2	8.1	8.9
85°	0.0	1.6	3.7	5.5	7.3	9.1	10.9	12.7	14.4	16.1	17.8
82.5°	0.0	2.4	5.5	8.2	11.0	13.7	16.3	19.0	21.8	25.7	29.5
80°	0.0	3.2	7.3	11.0	14.6	18.2	22.1	27.4	32.6	37.7	42.8
77.5°	0.0	4.0	9.1	13.7	18.2	23.3	30.1	36.7	43.2	49.6	56.5
75°	0.0	4.8	10.8	16.3	22.0	29.7	38.0	46.0	54.0	62.9	71.7
72.5°	0.0	5.5	12.5	19.0	26.8	35.9	45.7	55.6	66.1	76.5	86.8
70°	0.0	6.3	14.2	21.7	31.5	42.0	53.5	66.1	78.2	90.1	103.4
67.5°	0.0	7.0	15.8	25.1	36.1	48.0	62.3	76.5	90.1	105.2	120.2
65°	0.0	7.7	17.4	28.3	40.6	54.5	71.0	86.8	103.4	120.2	137.9
62.5°	0.0	8.4	18.9	31.5	45.0	61.6	79.4	97.8	116.5	135.5	157.7
60°	0.0	9.0	20.4	34.6	49.2	68.5	87.7	109.1	129.3	152.5	176.9
57.5°	0.0	9.7	22.3	37.6	54.6	75.2	96.8	120.0	143.4	169.0	195.5
55°	0.0	10.3	24.1	40.5	59.8	81.8	105.8	130.5	157.3	184.9	213.4
52.5°	0.0	10.9	26.0	43.2	64.8	88.2	114.5	141.8	170.7	200.2	230.6
50°	0.0	11.5	27.7	45.9	69.7	95.3	123.0	152.9	183.5	214.8	247.1
47.5°	0.0	12.0	29.4	48.7	74.4	102.0	131.2	163.6	195.8	228.7	263.3
45°	0.0	12.5	31.1	52.0	78.9	108.5	140.0	173.9	207.5	242.9	279.1
42.5°	0.0	13.0	32.7	55.3	83.2	114.7	148.4	183.7	218.8	256.7	294.5
40°	0.0	13.4	34.2	58.4	87.6	120.5	156.4	193.1	229.8	270.0	309.4
37.5°	0.0	13.8	35.7	61.4	92.1	126.1	164.0	201.9	240.9	282.5	323.8
35°	0.0	14.2	37.1	64.3	96.3	131.8	171.1	210.3	251.2	294.2	337.7
32.5°	0.0	14.5	38.4	67.0	100.2	137.4	177.9	218.2	260.6	305.1	349.9
30°	0.0	14.8	39.7	69.5	103.8	142.6	184.1	225.6	269.3	315.3	360.9
27.5°	0.0	15.1	40.9	71.8	107.4	147.4	189.9	232.6	277.3	324.7	370.8
25°	0.0	15.3	42.0	74.0	110.6	151.7	195.1	238.9	284.8	333.0	379.5
22.5°	0.0	15.5	43.0	75.9	113.6	155.7	199.9	244.5	291.6	340.1	387.1
20°	0.0	15.7	43.9	77.7	116.3	159.1	204.2	249.4	297.7	346.3	394.0
17.5°	0.0	15.8	44.7	79.2	118.7	162.0	207.7	253.6	302.9	351.4	400.1
15°	0.0	15.9	45.4	80.6	120.8	164.4	210.6	257.3	307.3	355.7	405.3
12.5°	0.0	16.0	46.0	81.8	122.6	166.3	212.9	260.8	311.1	358.9	409.7
10°	0.0	16.0	46.6	82.7	124.0	167.8	214.7	263.7	313.9	362.4	413.9
7.5°	0.0	16.0	47.0	83.4	125.1	168.7	215.9	266.0	315.9	365.4	418.7
5°	0.0	16.0	47.3	84.0	126.0	169.2	216.6	267.7	317.0	367.6	422.7
2.5°	0.0	15.9	47.4	84.3	126.4	169.3	216.7	268.7	317.2	368.9	425.6
0°	0.0	15.8	47.5	84.4	126.6	168.9	216.3	269.1	316.6	369.4	427.4
-2.5°	0.0	15.9	47.4	84.3	126.4	169.3	216.7	268.7	317.2	368.9	425.6
-5°	0.0	16.0	47.3	84.0	126.0	169.2	216.6	267.7	317.0	367.6	422.7
-7.5°	0.0	16.0	47.0	83.4	125.1	168.7	215.9	266.0	315.9	365.4	418.7
-10°	0.0	16.0	46.6	82.7	124.0	167.8	214.7	263.7	313.9	362.4	413.9
-12.5°	0.0	16.0	46.0	81.8	122.6	166.3	212.9	260.8	311.1	358.9	409.7
-15°	0.0	15.9	45.4	80.6	120.8	164.4	210.6	257.3	307.3	355.7	405.3
-17.5°	0.0	15.8	44.7	79.2	118.7	162.0	207.7	253.6	302.9	351.4	400.1
-20°	0.0	15.7	43.9	77.7	116.3	159.1	204.2	249.4	297.7	346.3	394.0

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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	15.5	43.0	75.9	113.6	155.7	199.9	244.5	291.6	340.1	387.1
-25°	0.0	15.3	42.0	74.0	110.6	151.7	195.1	238.9	284.8	333.0	379.5
-27.5°	0.0	15.1	40.9	71.8	107.4	147.4	189.9	232.6	277.3	324.7	370.8
-30°	0.0	14.8	39.7	69.5	103.8	142.6	184.1	225.6	269.3	315.3	360.9
-32.5°	0.0	14.5	38.4	67.0	100.2	137.4	177.9	218.2	260.6	305.1	349.9
-35°	0.0	14.2	37.1	64.3	96.3	131.8	171.1	210.3	251.2	294.2	337.7
-37.5°	0.0	13.8	35.7	61.4	92.1	126.1	164.0	201.9	240.9	282.5	323.8
-40°	0.0	13.4	34.2	58.4	87.6	120.5	156.4	193.1	229.8	270.0	309.4
-42.5°	0.0	13.0	32.7	55.3	83.2	114.7	148.4	183.7	218.8	256.7	294.5
-45°	0.0	12.5	31.1	52.0	78.9	108.5	140.0	173.9	207.5	242.9	279.1
-47.5°	0.0	12.0	29.4	48.7	74.4	102.0	131.2	163.6	195.8	228.7	263.3
-50°	0.0	11.5	27.7	45.9	69.7	95.3	123.0	152.9	183.5	214.8	247.1
-52.5°	0.0	10.9	26.0	43.2	64.8	88.2	114.5	141.8	170.7	200.2	230.6
-55°	0.0	10.3	24.1	40.5	59.8	81.8	105.8	130.5	157.3	184.9	213.4
-57.5°	0.0	9.7	22.3	37.6	54.6	75.2	96.8	120.0	143.4	169.0	195.5
-60°	0.0	9.0	20.4	34.6	49.2	68.5	87.7	109.1	129.3	152.5	176.9
-62.5°	0.0	8.4	18.9	31.5	45.0	61.6	79.4	97.8	116.5	135.5	157.7
-65°	0.0	7.7	17.4	28.3	40.6	54.5	71.0	86.8	103.4	120.2	137.9
-67.5°	0.0	7.0	15.8	25.1	36.1	48.0	62.3	76.5	90.1	105.2	120.2
-70°	0.0	6.3	14.2	21.7	31.5	42.0	53.5	66.1	78.2	90.1	103.4
-72.5°	0.0	5.5	12.5	19.0	26.8	35.9	45.7	55.6	66.1	76.5	86.8
-75°	0.0	4.8	10.8	16.3	22.0	29.7	38.0	46.0	54.0	62.9	71.7
-77.5°	0.0	4.0	9.1	13.7	18.2	23.3	30.1	36.7	43.2	49.6	56.5
-80°	0.0	3.2	7.3	11.0	14.6	18.2	22.1	27.4	32.6	37.7	42.8
-82.5°	0.0	2.4	5.5	8.2	11.0	13.7	16.3	19.0	21.8	25.7	29.5
-85°	0.0	1.6	3.7	5.5	7.3	9.1	10.9	12.7	14.4	16.1	17.8
-87.5°	0.0	0.8	1.8	2.8	3.7	4.6	5.5	6.3	7.2	8.1	8.9
-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°	9.7	10.5	11.3	12.1	12.8	13.6	14.3	14.9	15.6	16.2	16.7
85°	19.5	21.1	23.4	25.7	27.7	29.4	30.8	32.0	34.2	36.5	38.9
82.5°	33.2	36.8	40.4	43.8	46.2	48.1	49.9	52.6	57.3	61.7	65.8
80°	47.7	52.6	58.0	63.4	67.9	72.5	77.3	82.2	87.3	92.1	96.8
77.5°	63.7	70.7	77.6	84.3	90.9	98.1	105.0	111.7	118.1	124.2	130.0
75°	80.3	88.7	98.0	107.2	116.1	124.8	133.2	142.3	150.9	159.2	167.0
72.5°	97.8	109.1	120.0	130.8	142.3	153.7	164.6	175.2	185.4	196.2	207.5
70°	116.5	129.3	143.6	157.3	170.2	183.8	197.3	208.9	220.0	234.8	250.0
67.5°	135.6	153.0	169.1	184.6	201.8	217.7	231.5	246.3	262.2	279.2	294.2
65°	158.3	177.1	195.9	215.4	235.3	251.9	269.2	287.5	305.4	322.5	338.8
62.5°	180.6	201.8	223.4	244.7	265.2	285.1	305.9	326.4	346.1	365.9	383.4
60°	202.1	226.2	249.0	271.3	294.5	319.2	342.3	364.9	388.5	411.0	422.7
57.5°	222.8	248.6	272.4	297.5	324.7	352.6	376.8	402.5	422.7	438.3	453.5
55°	242.3	269.2	295.3	323.4	353.0	382.0	409.0	431.8	450.5	464.7	480.8
52.5°	260.6	288.9	317.3	348.1	379.4	410.3	438.6	460.0	476.8	491.4	506.5
50°	278.6	308.3	338.3	372.0	405.6	438.5	466.2	485.8	501.6	516.6	532.2
47.5°	296.2	327.4	359.8	395.6	432.0	463.8	490.1	508.0	524.0	541.6	558.6
45°	313.5	347.3	381.6	420.0	456.6	487.3	509.6	527.6	547.3	566.3	584.6
42.5°	330.5	366.9	404.0	443.9	479.3	506.9	527.7	548.9	570.2	590.5	611.0
40°	347.5	385.6	425.0	464.7	500.3	524.1	546.2	569.0	592.4	614.5	637.3
37.5°	363.9	403.3	443.9	484.0	516.3	540.5	563.4	588.6	613.3	637.4	667.1
35°	379.4	419.4	460.4	499.2	530.3	555.3	580.9	607.4	633.4	664.5	698.4
32.5°	393.3	433.9	475.4	511.5	542.0	569.0	597.6	625.3	656.5	691.7	732.4
30°	405.0	446.5	488.2	523.5	553.2	581.7	612.9	643.5	679.9	722.2	770.5
27.5°	415.3	457.9	498.4	533.7	564.0	592.3	625.1	663.7	705.5	753.0	809.8
25°	424.9	469.4	508.0	543.1	572.5	602.2	637.3	679.9	730.3	787.4	856.9
22.5°	433.9	480.4	517.8	551.9	579.2	611.3	650.8	697.2	751.9	818.9	903.5
20°	442.6	488.6	525.6	558.9	584.3	619.2	662.7	712.3	774.4	854.3	952.2
17.5°	450.6	495.7	531.7	563.0	590.8	627.6	673.2	724.5	794.0	886.5	996.9
15°	457.8	501.6	536.6	566.4	596.7	636.5	684.1	739.8	815.7	917.2	1036.5
12.5°	464.2	506.3	540.4	569.0	601.5	643.7	693.9	755.6	839.0	947.3	1086.8
10°	469.7	510.0	543.0	570.8	605.0	649.3	702.0	768.5	857.5	970.7	1125.4
7.5°	474.4	512.9	544.8	571.7	607.3	653.1	708.4	778.4	870.5	987.3	1153.3
5°	477.7	515.2	547.0	575.0	610.9	656.2	713.0	785.1	878.1	997.1	1170.7
2.5°	479.6	516.6	548.4	578.1	614.7	658.8	716.4	792.5	884.3	1006.7	1184.0
0°	480.2	517.1	548.8	580.4	617.4	659.6	717.6	796.8	886.5	1013.1	1192.5
-2.5°	479.6	516.6	548.4	578.1	614.7	658.8	716.4	792.5	884.3	1006.7	1184.0
-5°	477.7	515.2	547.0	575.0	610.9	656.2	713.0	785.1	878.1	997.1	1170.7
-7.5°	474.4	512.9	544.8	571.7	607.3	653.1	708.4	778.4	870.5	987.3	1153.3
-10°	469.7	510.0	543.0	570.8	605.0	649.3	702.0	768.5	857.5	970.7	1125.4
-12.5°	464.2	506.3	540.4	569.0	601.5	643.7	693.9	755.6	839.0	947.3	1086.8
-15°	457.8	501.6	536.6	566.4	596.7	636.5	684.1	739.8	815.7	917.2	1036.5
-17.5°	450.6	495.7	531.7	563.0	590.8	627.6	673.2	724.5	794.0	886.5	996.9
-20°	442.6	488.6	525.6	558.9	584.3	619.2	662.7	712.3	774.4	854.3	952.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627599 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	433.9	480.4	517.8	551.9	579.2	611.3	650.8	697.2	751.9	818.9	903.5
-25°	424.9	469.4	508.0	543.1	572.5	602.2	637.3	679.9	730.3	787.4	856.9
-27.5°	415.3	457.9	498.4	533.7	564.0	592.3	625.1	663.7	705.5	753.0	809.8
-30°	405.0	446.5	488.2	523.5	553.2	581.7	612.9	643.5	679.9	722.2	770.5
-32.5°	393.3	433.9	475.4	511.5	542.0	569.0	597.6	625.3	656.5	691.7	732.4
-35°	379.4	419.4	460.4	499.2	530.3	555.3	580.9	607.4	633.4	664.5	698.4
-37.5°	363.9	403.3	443.9	484.0	516.3	540.5	563.4	588.6	613.3	637.4	667.1
-40°	347.5	385.6	425.0	464.7	500.3	524.1	546.2	569.0	592.4	614.5	637.3
-42.5°	330.5	366.9	404.0	443.9	479.3	506.9	527.7	548.9	570.2	590.5	611.0
-45°	313.5	347.3	381.6	420.0	456.6	487.3	509.6	527.6	547.3	566.3	584.6
-47.5°	296.2	327.4	359.8	395.6	432.0	463.8	490.1	508.0	524.0	541.6	558.6
-50°	278.6	308.3	338.3	372.0	405.6	438.5	466.2	485.8	501.6	516.6	532.2
-52.5°	260.6	288.9	317.3	348.1	379.4	410.3	438.6	460.0	476.8	491.4	506.5
-55°	242.3	269.2	295.3	323.4	353.0	382.0	409.0	431.8	450.5	464.7	480.8
-57.5°	222.8	248.6	272.4	297.5	324.7	352.6	376.8	402.5	422.7	438.3	453.5
-60°	202.1	226.2	249.0	271.3	294.5	319.2	342.3	364.9	388.5	411.0	422.7
-62.5°	180.6	201.8	223.4	244.7	265.2	285.1	305.9	326.4	346.1	365.9	383.4
-65°	158.3	177.1	195.9	215.4	235.3	251.9	269.2	287.5	305.4	322.5	338.8
-67.5°	135.6	153.0	169.1	184.6	201.8	217.7	231.5	246.3	262.2	279.2	294.2
-70°	116.5	129.3	143.6	157.3	170.2	183.8	197.3	208.9	220.0	234.8	250.0
-72.5°	97.8	109.1	120.0	130.8	142.3	153.7	164.6	175.2	185.4	196.2	207.5
-75°	80.3	88.7	98.0	107.2	116.1	124.8	133.2	142.3	150.9	159.2	167.0
-77.5°	63.7	70.7	77.6	84.3	90.9	98.1	105.0	111.7	118.1	124.2	130.0
-80°	47.7	52.6	58.0	63.4	67.9	72.5	77.3	82.2	87.3	92.1	96.8
-82.5°	33.2	36.8	40.4	43.8	46.2	48.1	49.9	52.6	57.3	61.7	65.8
-85°	19.5	21.1	23.4	25.7	27.7	29.4	30.8	32.0	34.2	36.5	38.9
-87.5°	9.7	10.5	11.3	12.1	12.8	13.6	14.3	14.9	15.6	16.2	16.7
-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: P627599 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-U-NR-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°	17.3	17.8	18.3	18.7	19.1	19.5	19.8	20.1	20.4	19.3	18.2
85°	41.3	42.9	44.3	45.6	46.8	48.0	49.0	49.9	50.6	50.0	49.2
82.5°	69.5	72.3	74.8	77.1	79.3	81.2	83.0	84.5	85.9	85.8	85.4
80°	101.1	105.7	110.2	114.7	119.1	121.8	123.7	125.2	126.2	126.6	126.7
77.5°	135.9	142.9	150.2	157.4	164.5	168.6	171.4	173.8	175.8	176.1	175.8
75°	174.5	183.5	193.5	202.2	209.7	214.4	217.6	220.3	222.5	223.1	222.8
72.5°	219.3	230.4	239.3	246.7	253.1	258.1	262.1	265.6	268.4	269.5	269.7
70°	263.4	274.4	282.9	290.3	296.6	301.8	306.6	310.7	314.1	316.7	318.5
67.5°	308.1	320.6	329.4	336.1	341.4	346.8	353.3	358.8	363.5	366.6	368.2
65°	354.0	366.9	375.3	382.7	389.2	396.1	403.2	408.5	411.9	414.1	415.5
62.5°	398.3	410.4	421.0	430.8	440.2	448.0	453.0	457.3	461.1	464.3	466.7
60°	436.4	451.9	463.7	473.1	482.3	491.2	497.2	502.0	505.8	508.5	510.2
57.5°	469.0	484.7	498.7	507.8	517.8	528.4	535.4	539.4	543.1	546.3	547.8
55°	497.4	512.0	524.9	537.3	548.5	558.1	565.5	570.9	575.5	579.1	580.3
52.5°	523.1	538.9	554.0	567.2	578.2	587.4	594.8	601.4	606.6	610.0	611.6
50°	549.9	566.9	583.1	597.6	608.9	619.2	628.4	636.3	643.9	649.8	654.2
47.5°	576.4	594.6	612.4	628.4	641.9	656.8	670.1	681.4	692.5	701.4	707.6
45°	603.1	624.0	643.5	664.0	682.4	701.9	720.0	735.5	751.6	763.7	771.9
42.5°	632.7	656.5	679.9	705.5	730.5	755.9	783.3	807.8	826.7	844.4	858.7
40°	664.5	691.7	722.2	753.6	790.5	824.0	860.8	892.4	921.0	951.3	975.3
37.5°	698.4	732.4	772.4	814.4	862.2	908.0	956.1	1003.4	1044.7	1093.3	1130.4
35°	735.8	781.2	830.5	887.4	946.8	1012.5	1078.3	1154.3	1219.7	1291.7	1354.4
32.5°	780.1	834.3	899.0	974.0	1050.4	1150.0	1243.1	1364.1	1468.7	1583.0	1698.0
30°	825.7	896.5	980.1	1074.6	1196.0	1332.9	1485.6	1665.6	1851.3	2030.9	2247.5
27.5°	882.1	967.6	1068.9	1206.9	1385.6	1570.7	1833.3	2103.5	2444.6	2726.8	3124.6
25°	940.8	1041.4	1185.3	1373.1	1606.2	1927.6	2326.0	2757.8	3358.0	3885.4	4503.8
22.5°	1004.7	1140.6	1319.6	1551.3	1904.9	2398.1	3001.4	3814.4	4699.7	5639.6	6574.5
20°	1071.2	1235.7	1470.3	1806.1	2291.3	2959.3	3995.0	5250.0	6514.7	8065.5	9438.8
17.5°	1148.3	1357.6	1646.7	2066.6	2714.1	3737.4	5174.1	6926.3	8888.3	11118.2	13098.0
15°	1212.5	1462.1	1826.9	2414.5	3305.0	4619.1	6431.0	8841.3	11789.8	14784.6	17822.9
12.5°	1287.0	1575.7	2004.2	2704.9	3823.3	5569.7	8036.0	11086.8	14769.1	18923.0	23819.8
10°	1353.2	1687.3	2219.9	3087.2	4454.0	6561.1	9554.3	13224.6	17976.7	23953.1	31536.2
7.5°	1402.2	1776.1	2386.5	3378.2	4999.4	7514.3	10988.8	15565.6	21604.0	29495.8	39903.1
5°	1434.1	1840.4	2504.4	3602.8	5426.2	8223.7	12040.1	17226.0	24510.8	35672.5	53295.9
2.5°	1453.1	1878.4	2571.7	3734.5	5685.8	8693.7	12839.9	18481.5	26394.7	39489.7	61909.9
0°	1461.6	1889.0	2611.9	3804.4	5772.6	8875.2	13207.3	19053.7	27237.7	40381.6	63424.4
-2.5°	1453.1	1878.4	2571.7	3734.5	5685.8	8693.7	12839.9	18481.5	26394.7	39489.7	61909.9
-5°	1434.1	1840.4	2504.4	3602.8	5426.2	8223.7	12040.1	17226.0	24510.8	35672.5	53295.9
-7.5°	1402.2	1776.1	2386.5	3378.2	4999.4	7514.3	10988.8	15565.6	21604.0	29495.8	39903.1
-10°	1353.2	1687.3	2219.9	3087.2	4454.0	6561.1	9554.3	13224.6	17976.7	23953.1	31536.2
-12.5°	1287.0	1575.7	2004.2	2704.9	3823.3	5569.7	8036.0	11086.8	14769.1	18923.0	23819.8
-15°	1212.5	1462.1	1826.9	2414.5	3305.0	4619.1	6431.0	8841.3	11789.8	14784.6	17822.9
-17.5°	1148.3	1357.6	1646.7	2066.6	2714.1	3737.4	5174.1	6926.3	8888.3	11118.2	13098.0
-20°	1071.2	1235.7	1470.3	1806.1	2291.3	2959.3	3995.0	5250.0	6514.7	8065.5	9438.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627599 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1004.7	1140.6	1319.6	1551.3	1904.9	2398.1	3001.4	3814.4	4699.7	5639.6	6574.5
-25°	940.8	1041.4	1185.3	1373.1	1606.2	1927.6	2326.0	2757.8	3358.0	3885.4	4503.8
-27.5°	882.1	967.6	1068.9	1206.9	1385.6	1570.7	1833.3	2103.5	2444.6	2726.8	3124.6
-30°	825.7	896.5	980.1	1074.6	1196.0	1332.9	1485.6	1665.6	1851.3	2030.9	2247.5
-32.5°	780.1	834.3	899.0	974.0	1050.4	1150.0	1243.1	1364.1	1468.7	1583.0	1698.0
-35°	735.8	781.2	830.5	887.4	946.8	1012.5	1078.3	1154.3	1219.7	1291.7	1354.4
-37.5°	698.4	732.4	772.4	814.4	862.2	908.0	956.1	1003.4	1044.7	1093.3	1130.4
-40°	664.5	691.7	722.2	753.6	790.5	824.0	860.8	892.4	921.0	951.3	975.3
-42.5°	632.7	656.5	679.9	705.5	730.5	755.9	783.3	807.8	826.7	844.4	858.7
-45°	603.1	624.0	643.5	664.0	682.4	701.9	720.0	735.5	751.6	763.7	771.9
-47.5°	576.4	594.6	612.4	628.4	641.9	656.8	670.1	681.4	692.5	701.4	707.6
-50°	549.9	566.9	583.1	597.6	608.9	619.2	628.4	636.3	643.9	649.8	654.2
-52.5°	523.1	538.9	554.0	567.2	578.2	587.4	594.8	601.4	606.6	610.0	611.6
-55°	497.4	512.0	524.9	537.3	548.5	558.1	565.5	570.9	575.5	579.1	580.3
-57.5°	469.0	484.7	498.7	507.8	517.8	528.4	535.4	539.4	543.1	546.3	547.8
-60°	436.4	451.9	463.7	473.1	482.3	491.2	497.2	502.0	505.8	508.5	510.2
-62.5°	398.3	410.4	421.0	430.8	440.2	448.0	453.0	457.3	461.1	464.3	466.7
-65°	354.0	366.9	375.3	382.7	389.2	396.1	403.2	408.5	411.9	414.1	415.5
-67.5°	308.1	320.6	329.4	336.1	341.4	346.8	353.3	358.8	363.5	366.6	368.2
-70°	263.4	274.4	282.9	290.3	296.6	301.8	306.6	310.7	314.1	316.7	318.5
-72.5°	219.3	230.4	239.3	246.7	253.1	258.1	262.1	265.6	268.4	269.5	269.7
-75°	174.5	183.5	193.5	202.2	209.7	214.4	217.6	220.3	222.5	223.1	222.8
-77.5°	135.9	142.9	150.2	157.4	164.5	168.6	171.4	173.8	175.8	176.1	175.8
-80°	101.1	105.7	110.2	114.7	119.1	121.8	123.7	125.2	126.2	126.6	126.7
-82.5°	69.5	72.3	74.8	77.1	79.3	81.2	83.0	84.5	85.9	85.8	85.4
-85°	41.3	42.9	44.3	45.6	46.8	48.0	49.0	49.9	50.6	50.0	49.2
-87.5°	17.3	17.8	18.3	18.7	19.1	19.5	19.8	20.1	20.4	19.3	18.2
-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: P627599 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-750-U-NR-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°	17.0	15.7	15.8	15.8	15.8	15.7	17.0	18.2	19.3	20.4	20.1
85°	48.3	47.3	47.4	47.5	47.4	47.3	48.3	49.2	50.0	50.6	49.9
82.5°	84.8	84.0	84.3	84.4	84.3	84.0	84.8	85.4	85.8	85.9	84.5
80°	126.5	126.0	123.9	121.4	123.9	126.0	126.5	126.7	126.6	126.2	125.2
77.5°	174.8	173.3	171.3	168.9	171.3	173.3	174.8	175.8	176.1	175.8	173.8
75°	222.0	220.7	221.3	221.6	221.3	220.7	222.0	222.8	223.1	222.5	220.3
72.5°	269.2	268.0	268.8	269.1	268.8	268.0	269.2	269.7	269.5	268.4	265.6
70°	319.8	320.4	319.0	316.6	319.0	320.4	319.8	318.5	316.7	314.1	310.7
67.5°	368.7	368.1	366.5	364.1	366.5	368.1	368.7	368.2	366.6	363.5	358.8
65°	415.9	415.4	416.3	416.8	416.3	415.4	415.9	415.5	414.1	411.9	408.5
62.5°	467.9	467.9	466.7	464.3	466.7	467.9	467.9	466.7	464.3	461.1	457.3
60°	510.9	510.5	509.1	506.6	509.1	510.5	510.9	510.2	508.5	505.8	502.0
57.5°	548.3	547.7	546.1	543.5	546.1	547.7	548.3	547.8	546.3	543.1	539.4
55°	580.4	579.6	577.9	575.1	577.9	579.6	580.4	580.3	579.1	575.5	570.9
52.5°	612.0	611.3	611.5	612.1	611.5	611.3	612.0	611.6	610.0	606.6	601.4
50°	656.8	657.7	656.9	654.3	656.9	657.7	656.8	654.2	649.8	643.9	636.3
47.5°	710.5	710.8	709.6	707.1	709.6	710.8	710.5	707.6	701.4	692.5	681.4
45°	778.2	782.0	783.0	780.9	783.0	782.0	778.2	771.9	763.7	751.6	735.5
42.5°	869.8	875.8	877.6	875.9	877.6	875.8	869.8	858.7	844.4	826.7	807.8
40°	990.1	996.9	998.2	997.3	998.2	996.9	990.1	975.3	951.3	921.0	892.4
37.5°	1156.5	1173.2	1181.0	1182.0	1181.0	1173.2	1156.5	1130.4	1093.3	1044.7	1003.4
35°	1402.1	1435.3	1453.0	1461.6	1453.0	1435.3	1402.1	1354.4	1291.7	1219.7	1154.3
32.5°	1785.1	1851.5	1888.2	1883.7	1888.2	1851.5	1785.1	1698.0	1583.0	1468.7	1364.1
30°	2410.7	2526.7	2585.1	2569.7	2585.1	2526.7	2410.7	2247.5	2030.9	1851.3	1665.6
27.5°	3410.3	3620.0	3741.3	3725.3	3741.3	3620.0	3410.3	3124.6	2726.8	2444.6	2103.5
25°	5020.8	5403.5	5648.5	5587.9	5648.5	5403.5	5020.8	4503.8	3885.4	3358.0	2757.8
22.5°	7470.8	8119.1	8548.2	8495.3	8548.2	8119.1	7470.8	6574.5	5639.6	4699.7	3814.4
20°	10831.4	11818.3	12522.9	12616.3	12522.9	11818.3	10831.4	9438.8	8065.5	6514.7	5250.0
17.5°	15236.5	16801.3	17890.5	18072.3	17890.5	16801.3	15236.5	13098.0	11118.2	8888.3	6926.3
15°	20961.6	23519.1	25370.0	25522.8	25370.0	23519.1	20961.6	17822.9	14784.6	11789.8	8841.3
12.5°	28735.5	33879.3	37236.3	38714.2	37236.3	33879.3	28735.5	23819.8	18923.0	14769.1	11086.8
10°	39494.1	51309.1	58875.6	61720.1	58875.6	51309.1	39494.1	31536.2	23953.1	17976.7	13224.6
7.5°	57464.2	76014.0	96636.6	105426.0	96636.6	76014.0	57464.2	39903.1	29495.8	21604.0	15565.6
5°	77813.9	116312.2	152930.9	167230.5	152930.9	116312.2	77813.9	53295.9	35672.5	24510.8	17226.0
2.5°	99227.1	152888.1	203172.6	222837.7	203172.6	152888.1	99227.1	61909.9	39489.7	26394.7	18481.5
0°	107589.4	168903.2	224228.1	246278.9	224228.1	168903.2	107589.4	63424.4	40381.6	27237.7	19053.7
-2.5°	99227.1	152888.1	203172.6	222837.7	203172.6	152888.1	99227.1	61909.9	39489.7	26394.7	18481.5
-5°	77813.9	116312.2	152930.9	167230.5	152930.9	116312.2	77813.9	53295.9	35672.5	24510.8	17226.0
-7.5°	57464.2	76014.0	96636.6	105426.0	96636.6	76014.0	57464.2	39903.1	29495.8	21604.0	15565.6
-10°	39494.1	51309.1	58875.6	61720.1	58875.6	51309.1	39494.1	31536.2	23953.1	17976.7	13224.6
-12.5°	28735.5	33879.3	37236.3	38714.2	37236.3	33879.3	28735.5	23819.8	18923.0	14769.1	11086.8
-15°	20961.6	23519.1	25370.0	25522.8	25370.0	23519.1	20961.6	17822.9	14784.6	11789.8	8841.3
-17.5°	15236.5	16801.3	17890.5	18072.3	17890.5	16801.3	15236.5	13098.0	11118.2	8888.3	6926.3
-20°	10831.4	11818.3	12522.9	12616.3	12522.9	11818.3	10831.4	9438.8	8065.5	6514.7	5250.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627599 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	7470.8	8119.1	8548.2	8495.3	8548.2	8119.1	7470.8	6574.5	5639.6	4699.7	3814.4
-25°	5020.8	5403.5	5648.5	5587.9	5648.5	5403.5	5020.8	4503.8	3885.4	3358.0	2757.8
-27.5°	3410.3	3620.0	3741.3	3725.3	3741.3	3620.0	3410.3	3124.6	2726.8	2444.6	2103.5
-30°	2410.7	2526.7	2585.1	2569.7	2585.1	2526.7	2410.7	2247.5	2030.9	1851.3	1665.6
-32.5°	1785.1	1851.5	1888.2	1883.7	1888.2	1851.5	1785.1	1698.0	1583.0	1468.7	1364.1
-35°	1402.1	1435.3	1453.0	1461.6	1453.0	1435.3	1402.1	1354.4	1291.7	1219.7	1154.3
-37.5°	1156.5	1173.2	1181.0	1182.0	1181.0	1173.2	1156.5	1130.4	1093.3	1044.7	1003.4
-40°	990.1	996.9	998.2	997.3	998.2	996.9	990.1	975.3	951.3	921.0	892.4
-42.5°	869.8	875.8	877.6	875.9	877.6	875.8	869.8	858.7	844.4	826.7	807.8
-45°	778.2	782.0	783.0	780.9	783.0	782.0	778.2	771.9	763.7	751.6	735.5
-47.5°	710.5	710.8	709.6	707.1	709.6	710.8	710.5	707.6	701.4	692.5	681.4
-50°	656.8	657.7	656.9	654.3	656.9	657.7	656.8	654.2	649.8	643.9	636.3
-52.5°	612.0	611.3	611.5	612.1	611.5	611.3	612.0	611.6	610.0	606.6	601.4
-55°	580.4	579.6	577.9	575.1	577.9	579.6	580.4	580.3	579.1	575.5	570.9
-57.5°	548.3	547.7	546.1	543.5	546.1	547.7	548.3	547.8	546.3	543.1	539.4
-60°	510.9	510.5	509.1	506.6	509.1	510.5	510.9	510.2	508.5	505.8	502.0
-62.5°	467.9	467.9	466.7	464.3	466.7	467.9	467.9	466.7	464.3	461.1	457.3
-65°	415.9	415.4	416.3	416.8	416.3	415.4	415.9	415.5	414.1	411.9	408.5
-67.5°	368.7	368.1	366.5	364.1	366.5	368.1	368.7	368.2	366.6	363.5	358.8
-70°	319.8	320.4	319.0	316.6	319.0	320.4	319.8	318.5	316.7	314.1	310.7
-72.5°	269.2	268.0	268.8	269.1	268.8	268.0	269.2	269.7	269.5	268.4	265.6
-75°	222.0	220.7	221.3	221.6	221.3	220.7	222.0	222.8	223.1	222.5	220.3
-77.5°	174.8	173.3	171.3	168.9	171.3	173.3	174.8	175.8	176.1	175.8	173.8
-80°	126.5	126.0	123.9	121.4	123.9	126.0	126.5	126.7	126.6	126.2	125.2
-82.5°	84.8	84.0	84.3	84.4	84.3	84.0	84.8	85.4	85.8	85.9	84.5
-85°	48.3	47.3	47.4	47.5	47.4	47.3	48.3	49.2	50.0	50.6	49.9
-87.5°	17.0	15.7	15.8	15.8	15.8	15.7	17.0	18.2	19.3	20.4	20.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627599 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-U-NR-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°	19.8	19.5	19.1	18.7	18.3	17.8	17.3	16.7	16.2	15.6	14.9
85°	49.0	48.0	46.8	45.6	44.3	42.9	41.3	38.9	36.5	34.2	32.0
82.5°	83.0	81.2	79.3	77.1	74.8	72.3	69.5	65.8	61.7	57.3	52.6
80°	123.7	121.8	119.1	114.7	110.2	105.7	101.1	96.8	92.1	87.3	82.2
77.5°	171.4	168.6	164.5	157.4	150.2	142.9	135.9	130.0	124.2	118.1	111.7
75°	217.6	214.4	209.7	202.2	193.5	183.5	174.5	167.0	159.2	150.9	142.3
72.5°	262.1	258.1	253.1	246.7	239.3	230.4	219.3	207.5	196.2	185.4	175.2
70°	306.6	301.8	296.6	290.3	282.9	274.4	263.4	250.0	234.8	220.0	208.9
67.5°	353.3	346.8	341.4	336.1	329.4	320.6	308.1	294.2	279.2	262.2	246.3
65°	403.2	396.1	389.2	382.7	375.3	366.9	354.0	338.8	322.5	305.4	287.5
62.5°	453.0	448.0	440.2	430.8	421.0	410.4	398.3	383.4	365.9	346.1	326.4
60°	497.2	491.2	482.3	473.1	463.7	451.9	436.4	422.7	411.0	388.5	364.9
57.5°	535.4	528.4	517.8	507.8	498.7	484.7	469.0	453.5	438.3	422.7	402.5
55°	565.5	558.1	548.5	537.3	524.9	512.0	497.4	480.8	464.7	450.5	431.8
52.5°	594.8	587.4	578.2	567.2	554.0	538.9	523.1	506.5	491.4	476.8	460.0
50°	628.4	619.2	608.9	597.6	583.1	566.9	549.9	532.2	516.6	501.6	485.8
47.5°	670.1	656.8	641.9	628.4	612.4	594.6	576.4	558.6	541.6	524.0	508.0
45°	720.0	701.9	682.4	664.0	643.5	624.0	603.1	584.6	566.3	547.3	527.6
42.5°	783.3	755.9	730.5	705.5	679.9	656.5	632.7	611.0	590.5	570.2	548.9
40°	860.8	824.0	790.5	753.6	722.2	691.7	664.5	637.3	614.5	592.4	569.0
37.5°	956.1	908.0	862.2	814.4	772.4	732.4	698.4	667.1	637.4	613.3	588.6
35°	1078.3	1012.5	946.8	887.4	830.5	781.2	735.8	698.4	664.5	633.4	607.4
32.5°	1243.1	1150.0	1050.4	974.0	899.0	834.3	780.1	732.4	691.7	656.5	625.3
30°	1485.6	1332.9	1196.0	1074.6	980.1	896.5	825.7	770.5	722.2	679.9	643.5
27.5°	1833.3	1570.7	1385.6	1206.9	1068.9	967.6	882.1	809.8	753.0	705.5	663.7
25°	2326.0	1927.6	1606.2	1373.1	1185.3	1041.4	940.8	856.9	787.4	730.3	679.9
22.5°	3001.4	2398.1	1904.9	1551.3	1319.6	1140.6	1004.7	903.5	818.9	751.9	697.2
20°	3995.0	2959.3	2291.3	1806.1	1470.3	1235.7	1071.2	952.2	854.3	774.4	712.3
17.5°	5174.1	3737.4	2714.1	2066.6	1646.7	1357.6	1148.3	996.9	886.5	794.0	724.5
15°	6431.0	4619.1	3305.0	2414.5	1826.9	1462.1	1212.5	1036.5	917.2	815.7	739.8
12.5°	8036.0	5569.7	3823.3	2704.9	2004.2	1575.7	1287.0	1086.8	947.3	839.0	755.6
10°	9554.3	6561.1	4454.0	3087.2	2219.9	1687.3	1353.2	1125.4	970.7	857.5	768.5
7.5°	10988.8	7514.3	4999.4	3378.2	2386.5	1776.1	1402.2	1153.3	987.3	870.5	778.4
5°	12040.1	8223.7	5426.2	3602.8	2504.4	1840.4	1434.1	1170.7	997.1	878.1	785.1
2.5°	12839.9	8693.7	5685.8	3734.5	2571.7	1878.4	1453.1	1184.0	1006.7	884.3	792.5
0°	13207.3	8875.2	5772.6	3804.4	2611.9	1889.0	1461.6	1192.5	1013.1	886.5	796.8
-2.5°	12839.9	8693.7	5685.8	3734.5	2571.7	1878.4	1453.1	1184.0	1006.7	884.3	792.5
-5°	12040.1	8223.7	5426.2	3602.8	2504.4	1840.4	1434.1	1170.7	997.1	878.1	785.1
-7.5°	10988.8	7514.3	4999.4	3378.2	2386.5	1776.1	1402.2	1153.3	987.3	870.5	778.4
-10°	9554.3	6561.1	4454.0	3087.2	2219.9	1687.3	1353.2	1125.4	970.7	857.5	768.5
-12.5°	8036.0	5569.7	3823.3	2704.9	2004.2	1575.7	1287.0	1086.8	947.3	839.0	755.6
-15°	6431.0	4619.1	3305.0	2414.5	1826.9	1462.1	1212.5	1036.5	917.2	815.7	739.8
-17.5°	5174.1	3737.4	2714.1	2066.6	1646.7	1357.6	1148.3	996.9	886.5	794.0	724.5
-20°	3995.0	2959.3	2291.3	1806.1	1470.3	1235.7	1071.2	952.2	854.3	774.4	712.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627599 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3001.4	2398.1	1904.9	1551.3	1319.6	1140.6	1004.7	903.5	818.9	751.9	697.2
-25°	2326.0	1927.6	1606.2	1373.1	1185.3	1041.4	940.8	856.9	787.4	730.3	679.9
-27.5°	1833.3	1570.7	1385.6	1206.9	1068.9	967.6	882.1	809.8	753.0	705.5	663.7
-30°	1485.6	1332.9	1196.0	1074.6	980.1	896.5	825.7	770.5	722.2	679.9	643.5
-32.5°	1243.1	1150.0	1050.4	974.0	899.0	834.3	780.1	732.4	691.7	656.5	625.3
-35°	1078.3	1012.5	946.8	887.4	830.5	781.2	735.8	698.4	664.5	633.4	607.4
-37.5°	956.1	908.0	862.2	814.4	772.4	732.4	698.4	667.1	637.4	613.3	588.6
-40°	860.8	824.0	790.5	753.6	722.2	691.7	664.5	637.3	614.5	592.4	569.0
-42.5°	783.3	755.9	730.5	705.5	679.9	656.5	632.7	611.0	590.5	570.2	548.9
-45°	720.0	701.9	682.4	664.0	643.5	624.0	603.1	584.6	566.3	547.3	527.6
-47.5°	670.1	656.8	641.9	628.4	612.4	594.6	576.4	558.6	541.6	524.0	508.0
-50°	628.4	619.2	608.9	597.6	583.1	566.9	549.9	532.2	516.6	501.6	485.8
-52.5°	594.8	587.4	578.2	567.2	554.0	538.9	523.1	506.5	491.4	476.8	460.0
-55°	565.5	558.1	548.5	537.3	524.9	512.0	497.4	480.8	464.7	450.5	431.8
-57.5°	535.4	528.4	517.8	507.8	498.7	484.7	469.0	453.5	438.3	422.7	402.5
-60°	497.2	491.2	482.3	473.1	463.7	451.9	436.4	422.7	411.0	388.5	364.9
-62.5°	453.0	448.0	440.2	430.8	421.0	410.4	398.3	383.4	365.9	346.1	326.4
-65°	403.2	396.1	389.2	382.7	375.3	366.9	354.0	338.8	322.5	305.4	287.5
-67.5°	353.3	346.8	341.4	336.1	329.4	320.6	308.1	294.2	279.2	262.2	246.3
-70°	306.6	301.8	296.6	290.3	282.9	274.4	263.4	250.0	234.8	220.0	208.9
-72.5°	262.1	258.1	253.1	246.7	239.3	230.4	219.3	207.5	196.2	185.4	175.2
-75°	217.6	214.4	209.7	202.2	193.5	183.5	174.5	167.0	159.2	150.9	142.3
-77.5°	171.4	168.6	164.5	157.4	150.2	142.9	135.9	130.0	124.2	118.1	111.7
-80°	123.7	121.8	119.1	114.7	110.2	105.7	101.1	96.8	92.1	87.3	82.2
-82.5°	83.0	81.2	79.3	77.1	74.8	72.3	69.5	65.8	61.7	57.3	52.6
-85°	49.0	48.0	46.8	45.6	44.3	42.9	41.3	38.9	36.5	34.2	32.0
-87.5°	19.8	19.5	19.1	18.7	18.3	17.8	17.3	16.7	16.2	15.6	14.9
-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: P627599 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-750-U-NR-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°	14.3	13.6	12.8	12.1	11.3	10.5	9.7	8.9	8.1	7.2	6.3
85°	30.8	29.4	27.7	25.7	23.4	21.1	19.5	17.8	16.1	14.4	12.7
82.5°	49.9	48.1	46.2	43.8	40.4	36.8	33.2	29.5	25.7	21.8	19.0
80°	77.3	72.5	67.9	63.4	58.0	52.6	47.7	42.8	37.7	32.6	27.4
77.5°	105.0	98.1	90.9	84.3	77.6	70.7	63.7	56.5	49.6	43.2	36.7
75°	133.2	124.8	116.1	107.2	98.0	88.7	80.3	71.7	62.9	54.0	46.0
72.5°	164.6	153.7	142.3	130.8	120.0	109.1	97.8	86.8	76.5	66.1	55.6
70°	197.3	183.8	170.2	157.3	143.6	129.3	116.5	103.4	90.1	78.2	66.1
67.5°	231.5	217.7	201.8	184.6	169.1	153.0	135.6	120.2	105.2	90.1	76.5
65°	269.2	251.9	235.3	215.4	195.9	177.1	158.3	137.9	120.2	103.4	86.8
62.5°	305.9	285.1	265.2	244.7	223.4	201.8	180.6	157.7	135.5	116.5	97.8
60°	342.3	319.2	294.5	271.3	249.0	226.2	202.1	176.9	152.5	129.3	109.1
57.5°	376.8	352.6	324.7	297.5	272.4	248.6	222.8	195.5	169.0	143.4	120.0
55°	409.0	382.0	353.0	323.4	295.3	269.2	242.3	213.4	184.9	157.3	130.5
52.5°	438.6	410.3	379.4	348.1	317.3	288.9	260.6	230.6	200.2	170.7	141.8
50°	466.2	438.5	405.6	372.0	338.3	308.3	278.6	247.1	214.8	183.5	152.9
47.5°	490.1	463.8	432.0	395.6	359.8	327.4	296.2	263.3	228.7	195.8	163.6
45°	509.6	487.3	456.6	420.0	381.6	347.3	313.5	279.1	242.9	207.5	173.9
42.5°	527.7	506.9	479.3	443.9	404.0	366.9	330.5	294.5	256.7	218.8	183.7
40°	546.2	524.1	500.3	464.7	425.0	385.6	347.5	309.4	270.0	229.8	193.1
37.5°	563.4	540.5	516.3	484.0	443.9	403.3	363.9	323.8	282.5	240.9	201.9
35°	580.9	555.3	530.3	499.2	460.4	419.4	379.4	337.7	294.2	251.2	210.3
32.5°	597.6	569.0	542.0	511.5	475.4	433.9	393.3	349.9	305.1	260.6	218.2
30°	612.9	581.7	553.2	523.5	488.2	446.5	405.0	360.9	315.3	269.3	225.6
27.5°	625.1	592.3	564.0	533.7	498.4	457.9	415.3	370.8	324.7	277.3	232.6
25°	637.3	602.2	572.5	543.1	508.0	469.4	424.9	379.5	333.0	284.8	238.9
22.5°	650.8	611.3	579.2	551.9	517.8	480.4	433.9	387.1	340.1	291.6	244.5
20°	662.7	619.2	584.3	558.9	525.6	488.6	442.6	394.0	346.3	297.7	249.4
17.5°	673.2	627.6	590.8	563.0	531.7	495.7	450.6	400.1	351.4	302.9	253.6
15°	684.1	636.5	596.7	566.4	536.6	501.6	457.8	405.3	355.7	307.3	257.3
12.5°	693.9	643.7	601.5	569.0	540.4	506.3	464.2	409.7	358.9	311.1	260.8
10°	702.0	649.3	605.0	570.8	543.0	510.0	469.7	413.9	362.4	313.9	263.7
7.5°	708.4	653.1	607.3	571.7	544.8	512.9	474.4	418.7	365.4	315.9	266.0
5°	713.0	656.2	610.9	575.0	547.0	515.2	477.7	422.7	367.6	317.0	267.7
2.5°	716.4	658.8	614.7	578.1	548.4	516.6	479.6	425.6	368.9	317.2	268.7
0°	717.6	659.6	617.4	580.4	548.8	517.1	480.2	427.4	369.4	316.6	269.1
-2.5°	716.4	658.8	614.7	578.1	548.4	516.6	479.6	425.6	368.9	317.2	268.7
-5°	713.0	656.2	610.9	575.0	547.0	515.2	477.7	422.7	367.6	317.0	267.7
-7.5°	708.4	653.1	607.3	571.7	544.8	512.9	474.4	418.7	365.4	315.9	266.0
-10°	702.0	649.3	605.0	570.8	543.0	510.0	469.7	413.9	362.4	313.9	263.7
-12.5°	693.9	643.7	601.5	569.0	540.4	506.3	464.2	409.7	358.9	311.1	260.8
-15°	684.1	636.5	596.7	566.4	536.6	501.6	457.8	405.3	355.7	307.3	257.3
-17.5°	673.2	627.6	590.8	563.0	531.7	495.7	450.6	400.1	351.4	302.9	253.6
-20°	662.7	619.2	584.3	558.9	525.6	488.6	442.6	394.0	346.3	297.7	249.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627599 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	650.8	611.3	579.2	551.9	517.8	480.4	433.9	387.1	340.1	291.6	244.5
-25°	637.3	602.2	572.5	543.1	508.0	469.4	424.9	379.5	333.0	284.8	238.9
-27.5°	625.1	592.3	564.0	533.7	498.4	457.9	415.3	370.8	324.7	277.3	232.6
-30°	612.9	581.7	553.2	523.5	488.2	446.5	405.0	360.9	315.3	269.3	225.6
-32.5°	597.6	569.0	542.0	511.5	475.4	433.9	393.3	349.9	305.1	260.6	218.2
-35°	580.9	555.3	530.3	499.2	460.4	419.4	379.4	337.7	294.2	251.2	210.3
-37.5°	563.4	540.5	516.3	484.0	443.9	403.3	363.9	323.8	282.5	240.9	201.9
-40°	546.2	524.1	500.3	464.7	425.0	385.6	347.5	309.4	270.0	229.8	193.1
-42.5°	527.7	506.9	479.3	443.9	404.0	366.9	330.5	294.5	256.7	218.8	183.7
-45°	509.6	487.3	456.6	420.0	381.6	347.3	313.5	279.1	242.9	207.5	173.9
-47.5°	490.1	463.8	432.0	395.6	359.8	327.4	296.2	263.3	228.7	195.8	163.6
-50°	466.2	438.5	405.6	372.0	338.3	308.3	278.6	247.1	214.8	183.5	152.9
-52.5°	438.6	410.3	379.4	348.1	317.3	288.9	260.6	230.6	200.2	170.7	141.8
-55°	409.0	382.0	353.0	323.4	295.3	269.2	242.3	213.4	184.9	157.3	130.5
-57.5°	376.8	352.6	324.7	297.5	272.4	248.6	222.8	195.5	169.0	143.4	120.0
-60°	342.3	319.2	294.5	271.3	249.0	226.2	202.1	176.9	152.5	129.3	109.1
-62.5°	305.9	285.1	265.2	244.7	223.4	201.8	180.6	157.7	135.5	116.5	97.8
-65°	269.2	251.9	235.3	215.4	195.9	177.1	158.3	137.9	120.2	103.4	86.8
-67.5°	231.5	217.7	201.8	184.6	169.1	153.0	135.6	120.2	105.2	90.1	76.5
-70°	197.3	183.8	170.2	157.3	143.6	129.3	116.5	103.4	90.1	78.2	66.1
-72.5°	164.6	153.7	142.3	130.8	120.0	109.1	97.8	86.8	76.5	66.1	55.6
-75°	133.2	124.8	116.1	107.2	98.0	88.7	80.3	71.7	62.9	54.0	46.0
-77.5°	105.0	98.1	90.9	84.3	77.6	70.7	63.7	56.5	49.6	43.2	36.7
-80°	77.3	72.5	67.9	63.4	58.0	52.6	47.7	42.8	37.7	32.6	27.4
-82.5°	49.9	48.1	46.2	43.8	40.4	36.8	33.2	29.5	25.7	21.8	19.0
-85°	30.8	29.4	27.7	25.7	23.4	21.1	19.5	17.8	16.1	14.4	12.7
-87.5°	14.3	13.6	12.8	12.1	11.3	10.5	9.7	8.9	8.1	7.2	6.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report



REPORT NUMBER: P627599 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-U-NR-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	4.6	3.7	2.8	1.8	0.8	0.0
85°	10.9	9.1	7.3	5.5	3.7	1.6	0.0
82.5°	16.3	13.7	11.0	8.2	5.5	2.4	0.0
80°	22.1	18.2	14.6	11.0	7.3	3.2	0.0
77.5°	30.1	23.3	18.2	13.7	9.1	4.0	0.0
75°	38.0	29.7	22.0	16.3	10.8	4.8	0.0
72.5°	45.7	35.9	26.8	19.0	12.5	5.5	0.0
70°	53.5	42.0	31.5	21.7	14.2	6.3	0.0
67.5°	62.3	48.0	36.1	25.1	15.8	7.0	0.0
65°	71.0	54.5	40.6	28.3	17.4	7.7	0.0
62.5°	79.4	61.6	45.0	31.5	18.9	8.4	0.0
60°	87.7	68.5	49.2	34.6	20.4	9.0	0.0
57.5°	96.8	75.2	54.6	37.6	22.3	9.7	0.0
55°	105.8	81.8	59.8	40.5	24.1	10.3	0.0
52.5°	114.5	88.2	64.8	43.2	26.0	10.9	0.0
50°	123.0	95.3	69.7	45.9	27.7	11.5	0.0
47.5°	131.2	102.0	74.4	48.7	29.4	12.0	0.0
45°	140.0	108.5	78.9	52.0	31.1	12.5	0.0
42.5°	148.4	114.7	83.2	55.3	32.7	13.0	0.0
40°	156.4	120.5	87.6	58.4	34.2	13.4	0.0
37.5°	164.0	126.1	92.1	61.4	35.7	13.8	0.0
35°	171.1	131.8	96.3	64.3	37.1	14.2	0.0
32.5°	177.9	137.4	100.2	67.0	38.4	14.5	0.0
30°	184.1	142.6	103.8	69.5	39.7	14.8	0.0
27.5°	189.9	147.4	107.4	71.8	40.9	15.1	0.0
25°	195.1	151.7	110.6	74.0	42.0	15.3	0.0
22.5°	199.9	155.7	113.6	75.9	43.0	15.5	0.0
20°	204.2	159.1	116.3	77.7	43.9	15.7	0.0
17.5°	207.7	162.0	118.7	79.2	44.7	15.8	0.0
15°	210.6	164.4	120.8	80.6	45.4	15.9	0.0
12.5°	212.9	166.3	122.6	81.8	46.0	16.0	0.0
10°	214.7	167.8	124.0	82.7	46.6	16.0	0.0
7.5°	215.9	168.7	125.1	83.4	47.0	16.0	0.0
5°	216.6	169.2	126.0	84.0	47.3	16.0	0.0
2.5°	216.7	169.3	126.4	84.3	47.4	15.9	0.0
0°	216.3	168.9	126.6	84.4	47.5	15.8	0.0
-2.5°	216.7	169.3	126.4	84.3	47.4	15.9	0.0
-5°	216.6	169.2	126.0	84.0	47.3	16.0	0.0
-7.5°	215.9	168.7	125.1	83.4	47.0	16.0	0.0
-10°	214.7	167.8	124.0	82.7	46.6	16.0	0.0
-12.5°	212.9	166.3	122.6	81.8	46.0	16.0	0.0
-15°	210.6	164.4	120.8	80.6	45.4	15.9	0.0
-17.5°	207.7	162.0	118.7	79.2	44.7	15.8	0.0
-20°	204.2	159.1	116.3	77.7	43.9	15.7	0.0

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REPORT NUMBER: P627599 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	199.9	155.7	113.6	75.9	43.0	15.5	0.0
-25°	195.1	151.7	110.6	74.0	42.0	15.3	0.0
-27.5°	189.9	147.4	107.4	71.8	40.9	15.1	0.0
-30°	184.1	142.6	103.8	69.5	39.7	14.8	0.0
-32.5°	177.9	137.4	100.2	67.0	38.4	14.5	0.0
-35°	171.1	131.8	96.3	64.3	37.1	14.2	0.0
-37.5°	164.0	126.1	92.1	61.4	35.7	13.8	0.0
-40°	156.4	120.5	87.6	58.4	34.2	13.4	0.0
-42.5°	148.4	114.7	83.2	55.3	32.7	13.0	0.0
-45°	140.0	108.5	78.9	52.0	31.1	12.5	0.0
-47.5°	131.2	102.0	74.4	48.7	29.4	12.0	0.0
-50°	123.0	95.3	69.7	45.9	27.7	11.5	0.0
-52.5°	114.5	88.2	64.8	43.2	26.0	10.9	0.0
-55°	105.8	81.8	59.8	40.5	24.1	10.3	0.0
-57.5°	96.8	75.2	54.6	37.6	22.3	9.7	0.0
-60°	87.7	68.5	49.2	34.6	20.4	9.0	0.0
-62.5°	79.4	61.6	45.0	31.5	18.9	8.4	0.0
-65°	71.0	54.5	40.6	28.3	17.4	7.7	0.0
-67.5°	62.3	48.0	36.1	25.1	15.8	7.0	0.0
-70°	53.5	42.0	31.5	21.7	14.2	6.3	0.0
-72.5°	45.7	35.9	26.8	19.0	12.5	5.5	0.0
-75°	38.0	29.7	22.0	16.3	10.8	4.8	0.0
-77.5°	30.1	23.3	18.2	13.7	9.1	4.0	0.0
-80°	22.1	18.2	14.6	11.0	7.3	3.2	0.0
-82.5°	16.3	13.7	11.0	8.2	5.5	2.4	0.0
-85°	10.9	9.1	7.3	5.5	3.7	1.6	0.0
-87.5°	5.5	4.6	3.7	2.8	1.8	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)