

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: P627429 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-722-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627429 (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-SA4D-722-U-NR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N83
Light Source: (64) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

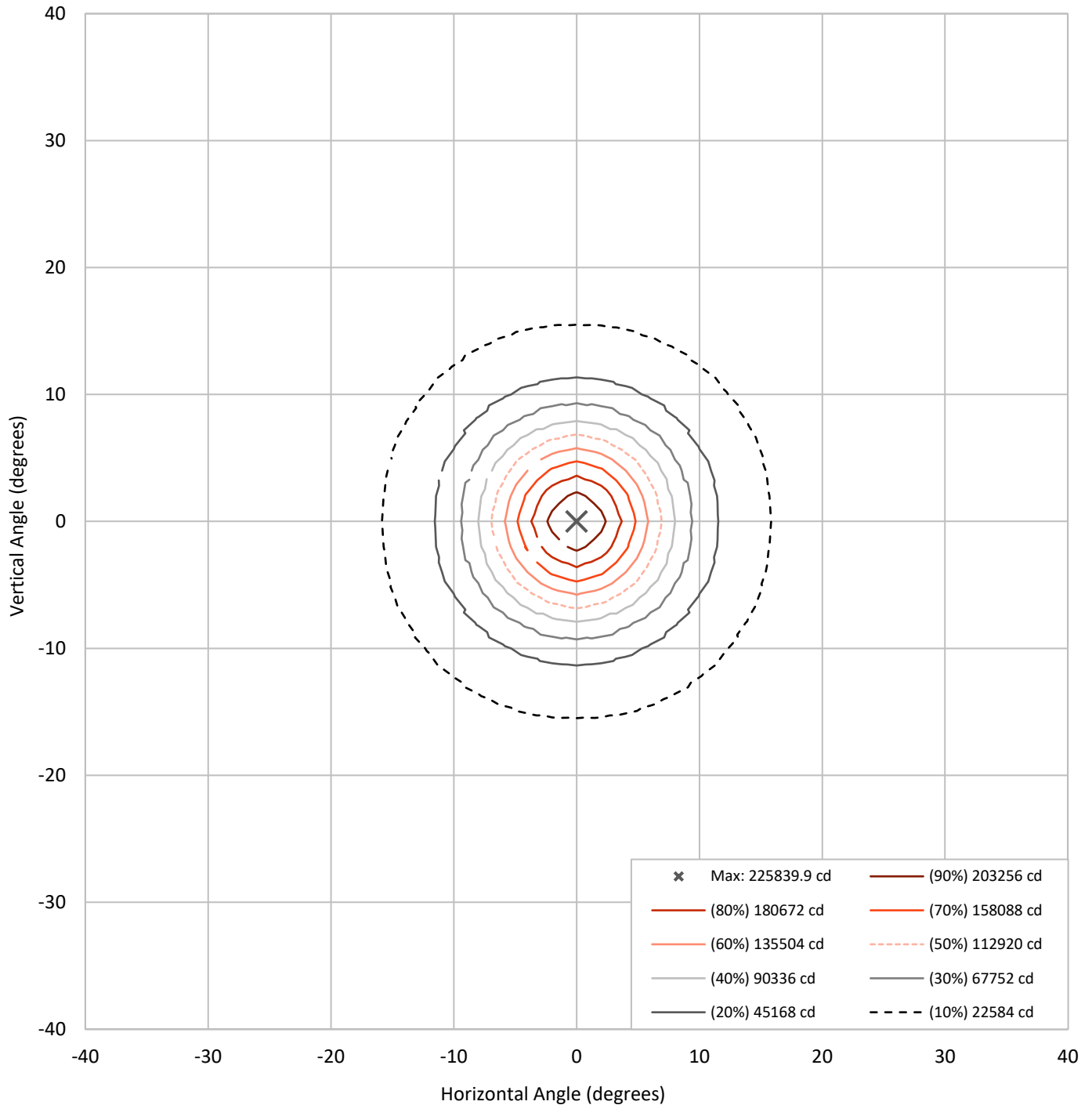
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	23980.9 lumens	Max Intensity:	225839.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	108.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	7090.1 lumens	Field Lumens:	15955.6 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	221.4		
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





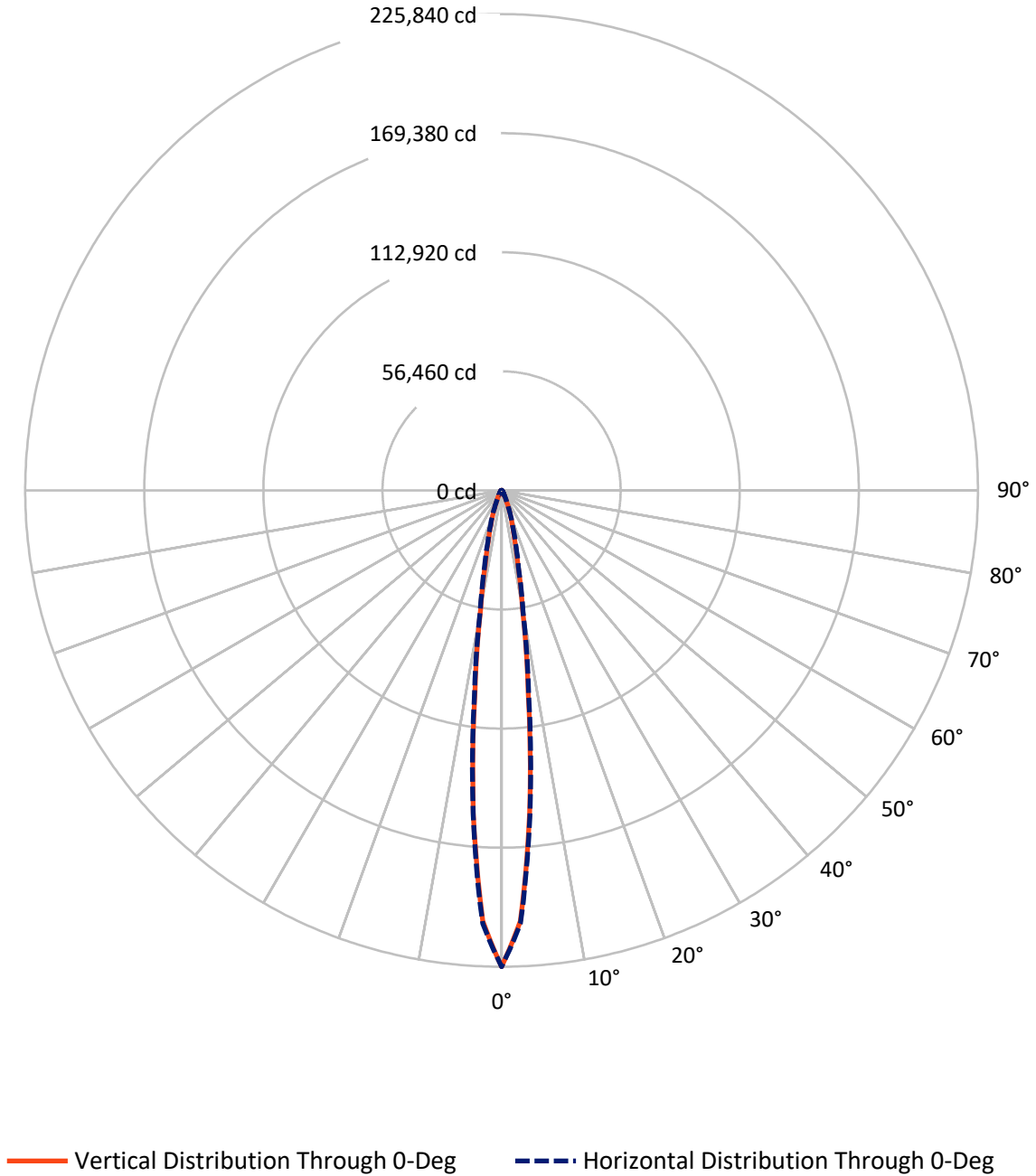
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Lumen Table

90	0.4	3.3		8.6		14.0		15.2		14.0		8.6		3.3		0.4			
80	0.4	3.3		8.6		14.0		15.2		14.0		8.6		3.3		0.4			
70	1.5	1.7	3.5	5.7	8.0	9.9	11.1	11.6	11.6	11.1	9.9	8.0	5.7	3.5	1.7	1.5			
60		2.5	5.2	8.4	11.3	13.8	15.5	16.1	16.1	15.5	13.8	11.3	8.4	5.2	2.5				
50	2.6	3.3	6.7	10.4	13.9	17.4	20.5	22.1	22.1	20.5	17.4	13.9	10.4	6.7	3.3	2.6			
40		4.0	7.9	12.0	17.0	24.5	34.6	42.8	42.8	34.6	24.5	17.0	12.0	7.9	4.0				
30	3.4	4.5	8.7	13.6	22.1	43.8	99.8	165.2	165.2	99.8	43.8	22.1	13.6	8.7	4.5	3.4			
20		4.8	9.1	14.9	29.3	93.0	330.4	711.6	711.6	330.4	93.0	29.3	14.9	9.1	4.8				
10	3.6	5.0	9.3	15.9	35.4	153.3	718.2	3102.5	3102.5	718.2	153.3	35.4	15.9	9.3	5.0	3.6			
0		5.0	9.3	15.9	35.4	153.3	718.2	3102.5	3102.5	718.2	153.3	35.4	15.9	9.3	5.0				
-10	3.4	4.8	9.1	14.9	29.3	93.0	330.4	711.6	711.6	330.4	93.0	29.3	14.9	9.1	4.8	3.4			
-20		4.5	8.7	13.6	22.1	43.8	99.8	165.2	165.2	99.8	43.8	22.1	13.6	8.7	4.5				
-30	2.6	4.0	7.9	12.0	17.0	24.5	34.6	42.8	42.8	34.6	24.5	17.0	12.0	7.9	4.0	2.6			
-40		3.3	6.7	10.4	13.9	17.4	20.5	22.1	22.1	20.5	17.4	13.9	10.4	6.7	3.3				
-50	1.5	2.5	5.2	8.4	11.3	13.8	15.5	16.1	16.1	15.5	13.8	11.3	8.4	5.2	2.5	1.5			
-60		1.7	3.5	5.7	8.0	9.9	11.1	11.6	11.6	11.1	9.9	8.0	5.7	3.5	1.7				
-70	0.4	3.3		8.6		14.0		15.2		14.0		8.6		3.3		0.4			
-80		3.3		8.6		14.0		15.2		14.0		8.6		3.3					
-90	0.4	3.3		8.6		14.0		15.2		14.0		8.6		3.3		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

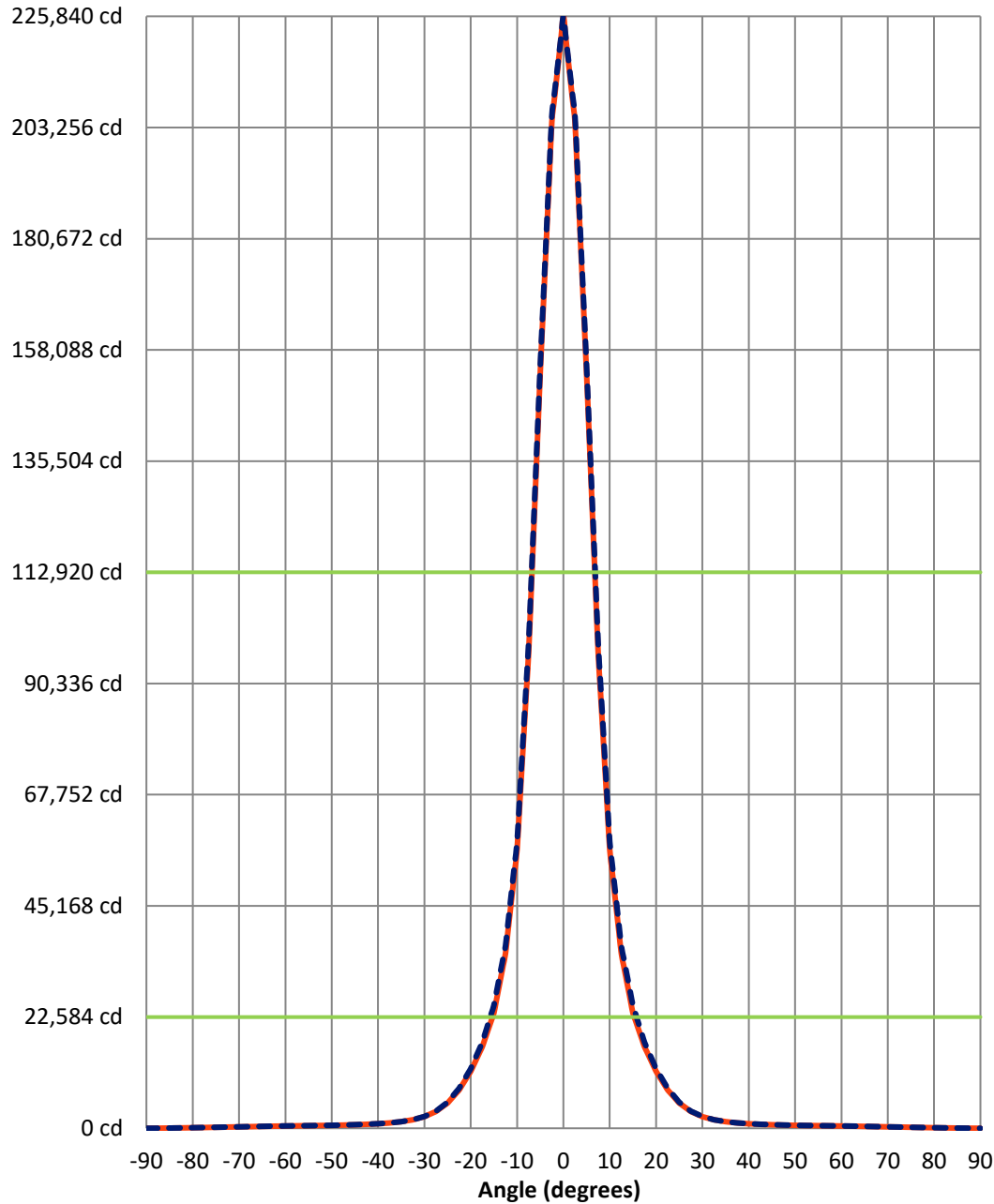
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 7090.1
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 15955.6
 Efficiency: 66.5%

Spill:
 Lumens: 8025.3
 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	0.7	1.7	2.5	3.4	4.2	5.0	5.8	6.6	7.4	8.2
85°	0.0	1.5	3.4	5.1	6.7	8.4	10.0	11.7	13.3	14.8	16.4
82.5°	0.0	2.2	5.0	7.6	10.1	12.6	15.0	17.5	20.1	23.6	27.1
80°	0.0	2.9	6.7	10.1	13.4	16.7	20.3	25.1	29.9	34.6	39.2
77.5°	0.0	3.7	8.3	12.6	16.7	21.4	27.6	33.7	39.6	45.5	51.8
75°	0.0	4.4	9.9	15.0	20.2	27.2	34.8	42.2	49.5	57.7	65.8
72.5°	0.0	5.1	11.5	17.5	24.6	32.9	41.9	50.9	60.6	70.2	79.6
70°	0.0	5.7	13.1	20.0	28.9	38.5	49.0	60.6	71.7	82.6	94.9
67.5°	0.0	6.4	14.5	23.0	33.1	44.0	57.1	70.2	82.6	96.6	110.3
65°	0.0	7.1	16.0	26.0	37.2	50.0	65.1	79.6	94.9	110.3	126.5
62.5°	0.0	7.7	17.4	28.9	41.2	56.5	72.9	89.8	106.9	124.3	144.6
60°	0.0	8.3	18.7	31.7	45.1	62.8	80.5	100.1	118.6	139.9	162.3
57.5°	0.0	8.9	20.5	34.5	50.0	69.0	88.8	110.1	131.5	155.0	179.3
55°	0.0	9.5	22.2	37.1	54.8	75.0	97.1	119.7	144.3	169.6	195.7
52.5°	0.0	10.0	23.8	39.6	59.4	80.9	105.1	130.1	156.5	183.6	211.5
50°	0.0	10.5	25.4	42.0	63.9	87.4	112.8	140.2	168.3	197.0	226.6
47.5°	0.0	11.0	27.0	44.6	68.2	93.6	120.3	150.0	179.5	209.7	241.4
45°	0.0	11.5	28.5	47.7	72.4	99.5	128.4	159.4	190.3	222.7	255.9
42.5°	0.0	11.9	30.0	50.6	76.3	105.2	136.1	168.5	200.6	235.4	270.0
40°	0.0	12.3	31.4	53.5	80.4	110.6	143.4	177.1	210.8	247.6	283.7
37.5°	0.0	12.7	32.7	56.3	84.4	115.7	150.4	185.2	220.9	259.0	296.9
35°	0.0	13.0	34.0	58.9	88.3	120.9	157.0	192.9	230.3	269.7	309.7
32.5°	0.0	13.3	35.2	61.4	91.9	126.0	163.1	200.1	239.0	279.8	320.8
30°	0.0	13.6	36.4	63.7	95.2	130.8	168.8	206.9	246.9	289.1	330.9
27.5°	0.0	13.9	37.4	65.9	98.5	135.1	174.1	213.3	254.3	297.8	340.0
25°	0.0	14.1	38.4	67.8	101.5	139.2	179.0	219.1	261.2	305.3	348.0
22.5°	0.0	14.3	39.4	69.6	104.2	142.8	183.3	224.2	267.4	311.9	355.0
20°	0.0	14.4	40.2	71.2	106.7	145.9	187.2	228.7	273.0	317.5	361.3
17.5°	0.0	14.5	40.9	72.7	108.9	148.6	190.5	232.6	277.8	322.3	366.9
15°	0.0	14.6	41.6	73.9	110.8	150.8	193.1	236.0	281.8	326.1	371.7
12.5°	0.0	14.7	42.2	75.0	112.4	152.5	195.3	239.2	285.3	329.1	375.7
10°	0.0	14.7	42.6	75.8	113.7	153.8	196.9	241.8	287.9	332.3	379.6
7.5°	0.0	14.7	43.0	76.5	114.8	154.7	198.0	243.9	289.7	335.0	384.0
5°	0.0	14.7	43.3	77.0	115.5	155.1	198.7	245.5	290.6	337.0	387.6
2.5°	0.0	14.6	43.4	77.3	116.0	155.2	198.8	246.5	290.8	338.3	390.3
0°	0.0	14.5	43.5	77.4	116.1	154.8	198.4	246.8	290.3	338.7	391.9
-2.5°	0.0	14.6	43.4	77.3	116.0	155.2	198.8	246.5	290.8	338.3	390.3
-5°	0.0	14.7	43.3	77.0	115.5	155.1	198.7	245.5	290.6	337.0	387.6
-7.5°	0.0	14.7	43.0	76.5	114.8	154.7	198.0	243.9	289.7	335.0	384.0
-10°	0.0	14.7	42.6	75.8	113.7	153.8	196.9	241.8	287.9	332.3	379.6
-12.5°	0.0	14.7	42.2	75.0	112.4	152.5	195.3	239.2	285.3	329.1	375.7
-15°	0.0	14.6	41.6	73.9	110.8	150.8	193.1	236.0	281.8	326.1	371.7
-17.5°	0.0	14.5	40.9	72.7	108.9	148.6	190.5	232.6	277.8	322.3	366.9
-20°	0.0	14.4	40.2	71.2	106.7	145.9	187.2	228.7	273.0	317.5	361.3

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CATALOG NUMBER: GFLD-SA4D-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	14.3	39.4	69.6	104.2	142.8	183.3	224.2	267.4	311.9	355.0
-25°	0.0	14.1	38.4	67.8	101.5	139.2	179.0	219.1	261.2	305.3	348.0
-27.5°	0.0	13.9	37.4	65.9	98.5	135.1	174.1	213.3	254.3	297.8	340.0
-30°	0.0	13.6	36.4	63.7	95.2	130.8	168.8	206.9	246.9	289.1	330.9
-32.5°	0.0	13.3	35.2	61.4	91.9	126.0	163.1	200.1	239.0	279.8	320.8
-35°	0.0	13.0	34.0	58.9	88.3	120.9	157.0	192.9	230.3	269.7	309.7
-37.5°	0.0	12.7	32.7	56.3	84.4	115.7	150.4	185.2	220.9	259.0	296.9
-40°	0.0	12.3	31.4	53.5	80.4	110.6	143.4	177.1	210.8	247.6	283.7
-42.5°	0.0	11.9	30.0	50.6	76.3	105.2	136.1	168.5	200.6	235.4	270.0
-45°	0.0	11.5	28.5	47.7	72.4	99.5	128.4	159.4	190.3	222.7	255.9
-47.5°	0.0	11.0	27.0	44.6	68.2	93.6	120.3	150.0	179.5	209.7	241.4
-50°	0.0	10.5	25.4	42.0	63.9	87.4	112.8	140.2	168.3	197.0	226.6
-52.5°	0.0	10.0	23.8	39.6	59.4	80.9	105.1	130.1	156.5	183.6	211.5
-55°	0.0	9.5	22.2	37.1	54.8	75.0	97.1	119.7	144.3	169.6	195.7
-57.5°	0.0	8.9	20.5	34.5	50.0	69.0	88.8	110.1	131.5	155.0	179.3
-60°	0.0	8.3	18.7	31.7	45.1	62.8	80.5	100.1	118.6	139.9	162.3
-62.5°	0.0	7.7	17.4	28.9	41.2	56.5	72.9	89.8	106.9	124.3	144.6
-65°	0.0	7.1	16.0	26.0	37.2	50.0	65.1	79.6	94.9	110.3	126.5
-67.5°	0.0	6.4	14.5	23.0	33.1	44.0	57.1	70.2	82.6	96.6	110.3
-70°	0.0	5.7	13.1	20.0	28.9	38.5	49.0	60.6	71.7	82.6	94.9
-72.5°	0.0	5.1	11.5	17.5	24.6	32.9	41.9	50.9	60.6	70.2	79.6
-75°	0.0	4.4	9.9	15.0	20.2	27.2	34.8	42.2	49.5	57.7	65.8
-77.5°	0.0	3.7	8.3	12.6	16.7	21.4	27.6	33.7	39.6	45.5	51.8
-80°	0.0	2.9	6.7	10.1	13.4	16.7	20.3	25.1	29.9	34.6	39.2
-82.5°	0.0	2.2	5.0	7.6	10.1	12.6	15.0	17.5	20.1	23.6	27.1
-85°	0.0	1.5	3.4	5.1	6.7	8.4	10.0	11.7	13.3	14.8	16.4
-87.5°	0.0	0.7	1.7	2.5	3.4	4.2	5.0	5.8	6.6	7.4	8.2
-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°	9.0	9.7	10.4	11.1	11.8	12.5	13.1	13.7	14.3	14.9	15.4
85°	17.9	19.4	21.5	23.6	25.4	27.0	28.3	29.4	31.4	33.5	35.6
82.5°	30.5	33.8	37.0	40.2	42.4	44.1	45.7	48.2	52.5	56.6	60.4
80°	43.7	48.2	53.2	58.1	62.3	66.5	70.9	75.4	80.1	84.5	88.8
77.5°	58.4	64.8	71.2	77.3	83.4	90.0	96.4	102.5	108.3	113.9	119.3
75°	73.7	81.4	89.9	98.4	106.5	114.4	122.2	130.5	138.4	146.0	153.2
72.5°	89.8	100.1	110.1	119.9	130.5	140.9	151.0	160.6	170.0	179.9	190.3
70°	106.9	118.6	131.7	144.3	156.1	168.5	180.9	191.6	201.8	215.4	229.3
67.5°	124.4	140.3	155.1	169.3	185.1	199.7	212.3	225.9	240.4	256.1	269.8
65°	145.2	162.4	179.6	197.5	215.8	231.0	246.8	263.6	280.1	295.7	310.7
62.5°	165.6	185.1	204.9	224.4	243.2	261.4	280.5	299.3	317.3	335.5	351.6
60°	185.3	207.4	228.3	248.7	270.0	292.7	313.9	334.6	356.2	376.8	387.6
57.5°	204.3	228.0	249.8	272.8	297.7	323.4	345.6	369.0	387.6	401.9	415.8
55°	222.2	246.9	270.8	296.6	323.7	350.3	375.0	395.9	413.1	426.2	441.0
52.5°	239.0	265.0	291.0	319.2	347.9	376.3	402.2	421.8	437.2	450.7	464.5
50°	255.5	282.7	310.2	341.1	371.9	402.1	427.5	445.5	460.0	473.7	488.0
47.5°	271.6	300.2	329.9	362.8	396.2	425.3	449.4	465.8	480.5	496.6	512.2
45°	287.5	318.4	349.9	385.2	418.7	446.8	467.3	483.8	501.8	519.3	536.0
42.5°	303.0	336.4	370.5	407.0	439.5	464.8	483.9	503.3	522.8	541.5	560.3
40°	318.6	353.6	389.7	426.1	458.8	480.6	500.8	521.7	543.3	563.5	584.4
37.5°	333.6	369.8	407.0	443.8	473.5	495.6	516.6	539.7	562.4	584.5	611.7
35°	347.9	384.6	422.1	457.7	486.3	509.2	532.6	557.0	580.8	609.3	640.3
32.5°	360.6	397.9	435.9	469.0	497.0	521.7	548.0	573.4	602.0	634.3	671.6
30°	371.4	409.5	447.6	480.0	507.3	533.5	562.0	590.0	623.4	662.3	706.6
27.5°	380.8	419.9	457.0	489.4	517.1	543.2	573.2	608.6	646.9	690.5	742.6
25°	389.6	430.4	465.8	498.0	525.0	552.2	584.4	623.5	669.7	722.1	785.8
22.5°	397.9	440.5	474.8	506.1	531.2	560.6	596.8	639.3	689.5	750.9	828.5
20°	405.9	448.0	481.9	512.5	535.8	567.8	607.7	653.1	710.2	783.4	873.1
17.5°	413.2	454.5	487.5	516.3	541.8	575.6	617.3	664.4	728.1	812.9	914.2
15°	419.8	459.9	492.0	519.4	547.2	583.7	627.4	678.4	747.9	841.0	950.5
12.5°	425.7	464.3	495.5	521.8	551.6	590.3	636.3	692.9	769.3	868.7	996.6
10°	430.7	467.7	497.9	523.4	554.8	595.3	643.8	704.7	786.3	890.1	1032.0
7.5°	435.0	470.4	499.6	524.3	556.9	598.9	649.6	713.8	798.2	905.3	1057.7
5°	438.0	472.5	501.6	527.3	560.2	601.7	653.8	719.9	805.2	914.4	1073.6
2.5°	439.7	473.8	502.8	530.2	563.7	604.1	657.0	726.7	810.9	923.2	1085.7
0°	440.3	474.2	503.2	532.3	566.1	604.8	658.1	730.6	812.9	929.0	1093.5
-2.5°	439.7	473.8	502.8	530.2	563.7	604.1	657.0	726.7	810.9	923.2	1085.7
-5°	438.0	472.5	501.6	527.3	560.2	601.7	653.8	719.9	805.2	914.4	1073.6
-7.5°	435.0	470.4	499.6	524.3	556.9	598.9	649.6	713.8	798.2	905.3	1057.7
-10°	430.7	467.7	497.9	523.4	554.8	595.3	643.8	704.7	786.3	890.1	1032.0
-12.5°	425.7	464.3	495.5	521.8	551.6	590.3	636.3	692.9	769.3	868.7	996.6
-15°	419.8	459.9	492.0	519.4	547.2	583.7	627.4	678.4	747.9	841.0	950.5
-17.5°	413.2	454.5	487.5	516.3	541.8	575.6	617.3	664.4	728.1	812.9	914.2
-20°	405.9	448.0	481.9	512.5	535.8	567.8	607.7	653.1	710.2	783.4	873.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627429 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-722-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°	397.9	440.5	474.8	506.1	531.2	560.6	596.8	639.3	689.5	750.9	828.5
-25°	389.6	430.4	465.8	498.0	525.0	552.2	584.4	623.5	669.7	722.1	785.8
-27.5°	380.8	419.9	457.0	489.4	517.1	543.2	573.2	608.6	646.9	690.5	742.6
-30°	371.4	409.5	447.6	480.0	507.3	533.5	562.0	590.0	623.4	662.3	706.6
-32.5°	360.6	397.9	435.9	469.0	497.0	521.7	548.0	573.4	602.0	634.3	671.6
-35°	347.9	384.6	422.1	457.7	486.3	509.2	532.6	557.0	580.8	609.3	640.3
-37.5°	333.6	369.8	407.0	443.8	473.5	495.6	516.6	539.7	562.4	584.5	611.7
-40°	318.6	353.6	389.7	426.1	458.8	480.6	500.8	521.7	543.3	563.5	584.4
-42.5°	303.0	336.4	370.5	407.0	439.5	464.8	483.9	503.3	522.8	541.5	560.3
-45°	287.5	318.4	349.9	385.2	418.7	446.8	467.3	483.8	501.8	519.3	536.0
-47.5°	271.6	300.2	329.9	362.8	396.2	425.3	449.4	465.8	480.5	496.6	512.2
-50°	255.5	282.7	310.2	341.1	371.9	402.1	427.5	445.5	460.0	473.7	488.0
-52.5°	239.0	265.0	291.0	319.2	347.9	376.3	402.2	421.8	437.2	450.7	464.5
-55°	222.2	246.9	270.8	296.6	323.7	350.3	375.0	395.9	413.1	426.2	441.0
-57.5°	204.3	228.0	249.8	272.8	297.7	323.4	345.6	369.0	387.6	401.9	415.8
-60°	185.3	207.4	228.3	248.7	270.0	292.7	313.9	334.6	356.2	376.8	387.6
-62.5°	165.6	185.1	204.9	224.4	243.2	261.4	280.5	299.3	317.3	335.5	351.6
-65°	145.2	162.4	179.6	197.5	215.8	231.0	246.8	263.6	280.1	295.7	310.7
-67.5°	124.4	140.3	155.1	169.3	185.1	199.7	212.3	225.9	240.4	256.1	269.8
-70°	106.9	118.6	131.7	144.3	156.1	168.5	180.9	191.6	201.8	215.4	229.3
-72.5°	89.8	100.1	110.1	119.9	130.5	140.9	151.0	160.6	170.0	179.9	190.3
-75°	73.7	81.4	89.9	98.4	106.5	114.4	122.2	130.5	138.4	146.0	153.2
-77.5°	58.4	64.8	71.2	77.3	83.4	90.0	96.4	102.5	108.3	113.9	119.3
-80°	43.7	48.2	53.2	58.1	62.3	66.5	70.9	75.4	80.1	84.5	88.8
-82.5°	30.5	33.8	37.0	40.2	42.4	44.1	45.7	48.2	52.5	56.6	60.4
-85°	17.9	19.4	21.5	23.6	25.4	27.0	28.3	29.4	31.4	33.5	35.6
-87.5°	9.0	9.7	10.4	11.1	11.8	12.5	13.1	13.7	14.3	14.9	15.4
-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: P627429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-722-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°	15.9	16.4	16.8	17.2	17.6	17.9	18.2	18.5	18.7	17.7	16.7
85°	37.9	39.3	40.6	41.8	43.0	44.0	44.9	45.7	46.4	45.8	45.1
82.5°	63.8	66.3	68.6	70.8	72.7	74.5	76.1	77.6	78.8	78.7	78.3
80°	92.8	96.9	101.1	105.2	109.3	111.7	113.5	114.8	115.8	116.2	116.2
77.5°	124.7	131.1	137.8	144.4	150.8	154.6	157.2	159.4	161.2	161.6	161.2
75°	160.0	168.3	177.4	185.4	192.3	196.6	199.5	202.0	204.1	204.6	204.3
72.5°	201.1	211.3	219.5	226.2	232.1	236.7	240.4	243.5	246.0	247.1	247.3
70°	241.5	251.6	259.4	266.3	272.0	276.7	281.1	284.9	288.1	290.4	292.1
67.5°	282.5	294.0	302.0	308.2	313.1	318.0	324.0	329.1	333.4	336.2	337.7
65°	324.6	336.5	344.1	350.9	356.9	363.2	369.7	374.6	377.7	379.7	381.0
62.5°	365.2	376.3	386.0	395.0	403.6	410.8	415.3	419.4	422.8	425.7	427.9
60°	400.2	414.4	425.2	433.8	442.3	450.5	456.0	460.3	463.8	466.3	467.9
57.5°	430.1	444.5	457.2	465.6	474.8	484.6	491.0	494.6	498.0	501.0	502.3
55°	456.1	469.5	481.3	492.7	503.0	511.7	518.5	523.5	527.7	531.0	532.1
52.5°	479.6	494.1	508.0	520.1	530.2	538.6	545.4	551.5	556.2	559.4	560.9
50°	504.3	519.9	534.7	548.0	558.4	567.8	576.2	583.5	590.4	595.9	599.9
47.5°	528.5	545.2	561.6	576.2	588.6	602.2	614.5	624.9	635.0	643.2	648.8
45°	553.0	572.2	590.0	608.9	625.7	643.6	660.2	674.5	689.2	700.2	707.7
42.5°	580.2	602.0	623.4	646.9	669.9	693.2	718.3	740.7	758.0	774.3	787.5
40°	609.3	634.3	662.3	691.1	724.9	755.6	789.4	818.4	844.6	872.3	894.4
37.5°	640.3	671.6	708.3	746.8	790.6	832.7	876.8	920.1	958.0	1002.6	1036.6
35°	674.7	716.4	761.6	813.7	868.3	928.5	988.8	1058.5	1118.4	1184.5	1242.0
32.5°	715.3	765.0	824.4	893.2	963.2	1054.6	1140.0	1250.9	1346.8	1451.6	1557.1
30°	757.1	822.1	898.8	985.4	1096.7	1222.3	1362.3	1527.4	1697.6	1862.3	2060.9
27.5°	808.9	887.3	980.2	1106.7	1270.6	1440.3	1681.1	1928.9	2241.8	2500.5	2865.3
25°	862.7	955.0	1086.9	1259.1	1472.9	1767.6	2132.9	2529.0	3079.4	3562.9	4130.0
22.5°	921.3	1045.9	1210.0	1422.5	1746.8	2199.0	2752.3	3497.8	4309.6	5171.5	6028.9
20°	982.3	1133.1	1348.2	1656.2	2101.1	2713.7	3663.4	4814.3	5974.1	7396.2	8655.5
17.5°	1053.0	1244.9	1510.0	1895.1	2488.9	3427.2	4744.7	6351.5	8150.7	10195.5	12011.0
15°	1111.8	1340.7	1675.2	2214.1	3030.7	4235.7	5897.3	8107.6	10811.4	13557.6	16343.7
12.5°	1180.2	1444.9	1837.8	2480.4	3506.0	5107.5	7369.1	10166.7	13543.4	17352.6	21843.0
10°	1240.9	1547.2	2035.7	2831.0	4084.4	6016.6	8761.4	12127.0	16484.8	21965.2	28919.0
7.5°	1285.8	1628.7	2188.5	3097.9	4584.5	6890.7	10076.8	14273.8	19811.0	27047.9	36591.4
5°	1315.0	1687.6	2296.5	3303.8	4975.9	7541.2	11040.9	15796.4	22476.7	32712.0	48872.8
2.5°	1332.5	1722.5	2358.2	3424.6	5213.9	7972.2	11774.3	16947.8	24204.3	36212.5	56771.9
0°	1340.3	1732.2	2395.1	3488.7	5293.5	8138.6	12111.2	17472.4	24977.2	37030.3	58160.8
-2.5°	1332.5	1722.5	2358.2	3424.6	5213.9	7972.2	11774.3	16947.8	24204.3	36212.5	56771.9
-5°	1315.0	1687.6	2296.5	3303.8	4975.9	7541.2	11040.9	15796.4	22476.7	32712.0	48872.8
-7.5°	1285.8	1628.7	2188.5	3097.9	4584.5	6890.7	10076.8	14273.8	19811.0	27047.9	36591.4
-10°	1240.9	1547.2	2035.7	2831.0	4084.4	6016.6	8761.4	12127.0	16484.8	21965.2	28919.0
-12.5°	1180.2	1444.9	1837.8	2480.4	3506.0	5107.5	7369.1	10166.7	13543.4	17352.6	21843.0
-15°	1111.8	1340.7	1675.2	2214.1	3030.7	4235.7	5897.3	8107.6	10811.4	13557.6	16343.7
-17.5°	1053.0	1244.9	1510.0	1895.1	2488.9	3427.2	4744.7	6351.5	8150.7	10195.5	12011.0
-20°	982.3	1133.1	1348.2	1656.2	2101.1	2713.7	3663.4	4814.3	5974.1	7396.2	8655.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627429 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	921.3	1045.9	1210.0	1422.5	1746.8	2199.0	2752.3	3497.8	4309.6	5171.5	6028.9
-25°	862.7	955.0	1086.9	1259.1	1472.9	1767.6	2132.9	2529.0	3079.4	3562.9	4130.0
-27.5°	808.9	887.3	980.2	1106.7	1270.6	1440.3	1681.1	1928.9	2241.8	2500.5	2865.3
-30°	757.1	822.1	898.8	985.4	1096.7	1222.3	1362.3	1527.4	1697.6	1862.3	2060.9
-32.5°	715.3	765.0	824.4	893.2	963.2	1054.6	1140.0	1250.9	1346.8	1451.6	1557.1
-35°	674.7	716.4	761.6	813.7	868.3	928.5	988.8	1058.5	1118.4	1184.5	1242.0
-37.5°	640.3	671.6	708.3	746.8	790.6	832.7	876.8	920.1	958.0	1002.6	1036.6
-40°	609.3	634.3	662.3	691.1	724.9	755.6	789.4	818.4	844.6	872.3	894.4
-42.5°	580.2	602.0	623.4	646.9	669.9	693.2	718.3	740.7	758.0	774.3	787.5
-45°	553.0	572.2	590.0	608.9	625.7	643.6	660.2	674.5	689.2	700.2	707.7
-47.5°	528.5	545.2	561.6	576.2	588.6	602.2	614.5	624.9	635.0	643.2	648.8
-50°	504.3	519.9	534.7	548.0	558.4	567.8	576.2	583.5	590.4	595.9	599.9
-52.5°	479.6	494.1	508.0	520.1	530.2	538.6	545.4	551.5	556.2	559.4	560.9
-55°	456.1	469.5	481.3	492.7	503.0	511.7	518.5	523.5	527.7	531.0	532.1
-57.5°	430.1	444.5	457.2	465.6	474.8	484.6	491.0	494.6	498.0	501.0	502.3
-60°	400.2	414.4	425.2	433.8	442.3	450.5	456.0	460.3	463.8	466.3	467.9
-62.5°	365.2	376.3	386.0	395.0	403.6	410.8	415.3	419.4	422.8	425.7	427.9
-65°	324.6	336.5	344.1	350.9	356.9	363.2	369.7	374.6	377.7	379.7	381.0
-67.5°	282.5	294.0	302.0	308.2	313.1	318.0	324.0	329.1	333.4	336.2	337.7
-70°	241.5	251.6	259.4	266.3	272.0	276.7	281.1	284.9	288.1	290.4	292.1
-72.5°	201.1	211.3	219.5	226.2	232.1	236.7	240.4	243.5	246.0	247.1	247.3
-75°	160.0	168.3	177.4	185.4	192.3	196.6	199.5	202.0	204.1	204.6	204.3
-77.5°	124.7	131.1	137.8	144.4	150.8	154.6	157.2	159.4	161.2	161.6	161.2
-80°	92.8	96.9	101.1	105.2	109.3	111.7	113.5	114.8	115.8	116.2	116.2
-82.5°	63.8	66.3	68.6	70.8	72.7	74.5	76.1	77.6	78.8	78.7	78.3
-85°	37.9	39.3	40.6	41.8	43.0	44.0	44.9	45.7	46.4	45.8	45.1
-87.5°	15.9	16.4	16.8	17.2	17.6	17.9	18.2	18.5	18.7	17.7	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: P627429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-722-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°	15.6	14.4	14.5	14.5	14.5	14.4	15.6	16.7	17.7	18.7	18.5
85°	44.2	43.3	43.4	43.5	43.4	43.3	44.2	45.1	45.8	46.4	45.7
82.5°	77.8	77.0	77.3	77.4	77.3	77.0	77.8	78.3	78.7	78.8	77.6
80°	116.0	115.5	113.6	111.3	113.6	115.5	116.0	116.2	116.2	115.8	114.8
77.5°	160.3	159.0	157.1	154.8	157.1	159.0	160.3	161.2	161.6	161.2	159.4
75°	203.6	202.4	202.9	203.2	202.9	202.4	203.6	204.3	204.6	204.1	202.0
72.5°	246.9	245.8	246.5	246.8	246.5	245.8	246.9	247.3	247.1	246.0	243.5
70°	293.3	293.8	292.5	290.3	292.5	293.8	293.3	292.1	290.4	288.1	284.9
67.5°	338.1	337.5	336.1	333.9	336.1	337.5	338.1	337.7	336.2	333.4	329.1
65°	381.5	381.0	381.8	382.3	381.8	381.0	381.5	381.0	379.7	377.7	374.6
62.5°	429.0	429.0	428.0	425.8	428.0	429.0	429.0	427.9	425.7	422.8	419.4
60°	468.5	468.2	466.8	464.5	466.8	468.2	468.5	467.9	466.3	463.8	460.3
57.5°	502.7	502.2	500.8	498.4	500.8	502.2	502.7	502.3	501.0	498.0	494.6
55°	532.3	531.6	529.9	527.4	529.9	531.6	532.3	532.1	531.0	527.7	523.5
52.5°	561.2	560.6	560.8	561.3	560.8	560.6	561.2	560.9	559.4	556.2	551.5
50°	602.3	603.1	602.4	600.0	602.4	603.1	602.3	599.9	595.9	590.4	583.5
47.5°	651.5	651.8	650.7	648.4	650.7	651.8	651.5	648.8	643.2	635.0	624.9
45°	713.6	717.2	718.1	716.1	718.1	717.2	713.6	707.7	700.2	689.2	674.5
42.5°	797.7	803.2	804.8	803.2	804.8	803.2	797.7	787.5	774.3	758.0	740.7
40°	907.9	914.2	915.3	914.5	915.3	914.2	907.9	894.4	872.3	844.6	818.4
37.5°	1060.6	1075.8	1083.0	1083.9	1083.0	1075.8	1060.6	1036.6	1002.6	958.0	920.1
35°	1285.8	1316.2	1332.5	1340.3	1332.5	1316.2	1285.8	1242.0	1184.5	1118.4	1058.5
32.5°	1637.0	1697.9	1731.6	1727.4	1731.6	1697.9	1637.0	1557.1	1451.6	1346.8	1250.9
30°	2210.7	2317.0	2370.6	2356.4	2370.6	2317.0	2210.7	2060.9	1862.3	1697.6	1527.4
27.5°	3127.3	3319.6	3430.8	3416.1	3430.8	3319.6	3127.3	2865.3	2500.5	2241.8	1928.9
25°	4604.1	4955.1	5179.8	5124.1	5179.8	4955.1	4604.1	4130.0	3562.9	3079.4	2529.0
22.5°	6850.8	7445.3	7838.8	7790.3	7838.8	7445.3	6850.8	6028.9	5171.5	4309.6	3497.8
20°	9932.5	10837.5	11483.6	11569.2	11483.6	10837.5	9932.5	8655.5	7396.2	5974.1	4814.3
17.5°	13972.1	15406.9	16405.7	16572.4	16405.7	15406.9	13972.1	12011.0	10195.5	8150.7	6351.5
15°	19222.0	21567.2	23264.5	23404.6	23264.5	21567.2	19222.0	16343.7	13557.6	10811.4	8107.6
12.5°	26350.7	31067.6	34146.0	35501.3	34146.0	31067.6	26350.7	21843.0	17352.6	13543.4	10166.7
10°	36216.4	47050.9	53989.4	56597.9	53989.4	47050.9	36216.4	28919.0	21965.2	16484.8	12127.0
7.5°	52695.2	69705.5	88616.5	96676.6	88616.5	69705.5	52695.2	36591.4	27047.9	19811.0	14273.8
5°	71356.1	106659.3	140239.0	153351.8	140239.0	106659.3	71356.1	48872.8	32712.0	22476.7	15796.4
2.5°	90992.1	140199.7	186311.0	204344.1	186311.0	140199.7	90992.1	56771.9	36212.5	24204.3	16947.8
0°	98660.4	154885.7	205619.1	225839.9	205619.1	154885.7	98660.4	58160.8	37030.3	24977.2	17472.4
-2.5°	90992.1	140199.7	186311.0	204344.1	186311.0	140199.7	90992.1	56771.9	36212.5	24204.3	16947.8
-5°	71356.1	106659.3	140239.0	153351.8	140239.0	106659.3	71356.1	48872.8	32712.0	22476.7	15796.4
-7.5°	52695.2	69705.5	88616.5	96676.6	88616.5	69705.5	52695.2	36591.4	27047.9	19811.0	14273.8
-10°	36216.4	47050.9	53989.4	56597.9	53989.4	47050.9	36216.4	28919.0	21965.2	16484.8	12127.0
-12.5°	26350.7	31067.6	34146.0	35501.3	34146.0	31067.6	26350.7	21843.0	17352.6	13543.4	10166.7
-15°	19222.0	21567.2	23264.5	23404.6	23264.5	21567.2	19222.0	16343.7	13557.6	10811.4	8107.6
-17.5°	13972.1	15406.9	16405.7	16572.4	16405.7	15406.9	13972.1	12011.0	10195.5	8150.7	6351.5
-20°	9932.5	10837.5	11483.6	11569.2	11483.6	10837.5	9932.5	8655.5	7396.2	5974.1	4814.3



REPORT NUMBER: P627429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-722-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°	6850.8	7445.3	7838.8	7790.3	7838.8	7445.3	6850.8	6028.9	5171.5	4309.6	3497.8
-25°	4604.1	4955.1	5179.8	5124.1	5179.8	4955.1	4604.1	4130.0	3562.9	3079.4	2529.0
-27.5°	3127.3	3319.6	3430.8	3416.1	3430.8	3319.6	3127.3	2865.3	2500.5	2241.8	1928.9
-30°	2210.7	2317.0	2370.6	2356.4	2370.6	2317.0	2210.7	2060.9	1862.3	1697.6	1527.4
-32.5°	1637.0	1697.9	1731.6	1727.4	1731.6	1697.9	1637.0	1557.1	1451.6	1346.8	1250.9
-35°	1285.8	1316.2	1332.5	1340.3	1332.5	1316.2	1285.8	1242.0	1184.5	1118.4	1058.5
-37.5°	1060.6	1075.8	1083.0	1083.9	1083.0	1075.8	1060.6	1036.6	1002.6	958.0	920.1
-40°	907.9	914.2	915.3	914.5	915.3	914.2	907.9	894.4	872.3	844.6	818.4
-42.5°	797.7	803.2	804.8	803.2	804.8	803.2	797.7	787.5	774.3	758.0	740.7
-45°	713.6	717.2	718.1	716.1	718.1	717.2	713.6	707.7	700.2	689.2	674.5
-47.5°	651.5	651.8	650.7	648.4	650.7	651.8	651.5	648.8	643.2	635.0	624.9
-50°	602.3	603.1	602.4	600.0	602.4	603.1	602.3	599.9	595.9	590.4	583.5
-52.5°	561.2	560.6	560.8	561.3	560.8	560.6	561.2	560.9	559.4	556.2	551.5
-55°	532.3	531.6	529.9	527.4	529.9	531.6	532.3	532.1	531.0	527.7	523.5
-57.5°	502.7	502.2	500.8	498.4	500.8	502.2	502.7	502.3	501.0	498.0	494.6
-60°	468.5	468.2	466.8	464.5	466.8	468.2	468.5	467.9	466.3	463.8	460.3
-62.5°	429.0	429.0	428.0	425.8	428.0	429.0	429.0	427.9	425.7	422.8	419.4
-65°	381.5	381.0	381.8	382.3	381.8	381.0	381.5	381.0	379.7	377.7	374.6
-67.5°	338.1	337.5	336.1	333.9	336.1	337.5	338.1	337.7	336.2	333.4	329.1
-70°	293.3	293.8	292.5	290.3	292.5	293.8	293.3	292.1	290.4	288.1	284.9
-72.5°	246.9	245.8	246.5	246.8	246.5	245.8	246.9	247.3	247.1	246.0	243.5
-75°	203.6	202.4	202.9	203.2	202.9	202.4	203.6	204.3	204.6	204.1	202.0
-77.5°	160.3	159.0	157.1	154.8	157.1	159.0	160.3	161.2	161.6	161.2	159.4
-80°	116.0	115.5	113.6	111.3	113.6	115.5	116.0	116.2	116.2	115.8	114.8
-82.5°	77.8	77.0	77.3	77.4	77.3	77.0	77.8	78.3	78.7	78.8	77.6
-85°	44.2	43.3	43.4	43.5	43.4	43.3	44.2	45.1	45.8	46.4	45.7
-87.5°	15.6	14.4	14.5	14.5	14.5	14.4	15.6	16.7	17.7	18.7	18.5
-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: P627429 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-722-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°	18.2	17.9	17.6	17.2	16.8	16.4	15.9	15.4	14.9	14.3	13.7
85°	44.9	44.0	43.0	41.8	40.6	39.3	37.9	35.6	33.5	31.4	29.4
82.5°	76.1	74.5	72.7	70.8	68.6	66.3	63.8	60.4	56.6	52.5	48.2
80°	113.5	111.7	109.3	105.2	101.1	96.9	92.8	88.8	84.5	80.1	75.4
77.5°	157.2	154.6	150.8	144.4	137.8	131.1	124.7	119.3	113.9	108.3	102.5
75°	199.5	196.6	192.3	185.4	177.4	168.3	160.0	153.2	146.0	138.4	130.5
72.5°	240.4	236.7	232.1	226.2	219.5	211.3	201.1	190.3	179.9	170.0	160.6
70°	281.1	276.7	272.0	266.3	259.4	251.6	241.5	229.3	215.4	201.8	191.6
67.5°	324.0	318.0	313.1	308.2	302.0	294.0	282.5	269.8	256.1	240.4	225.9
65°	369.7	363.2	356.9	350.9	344.1	336.5	324.6	310.7	295.7	280.1	263.6
62.5°	415.3	410.8	403.6	395.0	386.0	376.3	365.2	351.6	335.5	317.3	299.3
60°	456.0	450.5	442.3	433.8	425.2	414.4	400.2	387.6	376.8	356.2	334.6
57.5°	491.0	484.6	474.8	465.6	457.2	444.5	430.1	415.8	401.9	387.6	369.0
55°	518.5	511.7	503.0	492.7	481.3	469.5	456.1	441.0	426.2	413.1	395.9
52.5°	545.4	538.6	530.2	520.1	508.0	494.1	479.6	464.5	450.7	437.2	421.8
50°	576.2	567.8	558.4	548.0	534.7	519.9	504.3	488.0	473.7	460.0	445.5
47.5°	614.5	602.2	588.6	576.2	561.6	545.2	528.5	512.2	496.6	480.5	465.8
45°	660.2	643.6	625.7	608.9	590.0	572.2	553.0	536.0	519.3	501.8	483.8
42.5°	718.3	693.2	669.9	646.9	623.4	602.0	580.2	560.3	541.5	522.8	503.3
40°	789.4	755.6	724.9	691.1	662.3	634.3	609.3	584.4	563.5	543.3	521.7
37.5°	876.8	832.7	790.6	746.8	708.3	671.6	640.3	611.7	584.5	562.4	539.7
35°	988.8	928.5	868.3	813.7	761.6	716.4	674.7	640.3	609.3	580.8	557.0
32.5°	1140.0	1054.6	963.2	893.2	824.4	765.0	715.3	671.6	634.3	602.0	573.4
30°	1362.3	1222.3	1096.7	985.4	898.8	822.1	757.1	706.6	662.3	623.4	590.0
27.5°	1681.1	1440.3	1270.6	1106.7	980.2	887.3	808.9	742.6	690.5	646.9	608.6
25°	2132.9	1767.6	1472.9	1259.1	1086.9	955.0	862.7	785.8	722.1	669.7	623.5
22.5°	2752.3	2199.0	1746.8	1422.5	1210.0	1045.9	921.3	828.5	750.9	689.5	639.3
20°	3663.4	2713.7	2101.1	1656.2	1348.2	1133.1	982.3	873.1	783.4	710.2	653.1
17.5°	4744.7	3427.2	2488.9	1895.1	1510.0	1244.9	1053.0	914.2	812.9	728.1	664.4
15°	5897.3	4235.7	3030.7	2214.1	1675.2	1340.7	1111.8	950.5	841.0	747.9	678.4
12.5°	7369.1	5107.5	3506.0	2480.4	1837.8	1444.9	1180.2	996.6	868.7	769.3	692.9
10°	8761.4	6016.6	4084.4	2831.0	2035.7	1547.2	1240.9	1032.0	890.1	786.3	704.7
7.5°	10076.8	6890.7	4584.5	3097.9	2188.5	1628.7	1285.8	1057.7	905.3	798.2	713.8
5°	11040.9	7541.2	4975.9	3303.8	2296.5	1687.6	1315.0	1073.6	914.4	805.2	719.9
2.5°	11774.3	7972.2	5213.9	3424.6	2358.2	1722.5	1332.5	1085.7	923.2	810.9	726.7
0°	12111.2	8138.6	5293.5	3488.7	2395.1	1732.2	1340.3	1093.5	929.0	812.9	730.6
-2.5°	11774.3	7972.2	5213.9	3424.6	2358.2	1722.5	1332.5	1085.7	923.2	810.9	726.7
-5°	11040.9	7541.2	4975.9	3303.8	2296.5	1687.6	1315.0	1073.6	914.4	805.2	719.9
-7.5°	10076.8	6890.7	4584.5	3097.9	2188.5	1628.7	1285.8	1057.7	905.3	798.2	713.8
-10°	8761.4	6016.6	4084.4	2831.0	2035.7	1547.2	1240.9	1032.0	890.1	786.3	704.7
-12.5°	7369.1	5107.5	3506.0	2480.4	1837.8	1444.9	1180.2	996.6	868.7	769.3	692.9
-15°	5897.3	4235.7	3030.7	2214.1	1675.2	1340.7	1111.8	950.5	841.0	747.9	678.4
-17.5°	4744.7	3427.2	2488.9	1895.1	1510.0	1244.9	1053.0	914.2	812.9	728.1	664.4
-20°	3663.4	2713.7	2101.1	1656.2	1348.2	1133.1	982.3	873.1	783.4	710.2	653.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627429 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2752.3	2199.0	1746.8	1422.5	1210.0	1045.9	921.3	828.5	750.9	689.5	639.3
-25°	2132.9	1767.6	1472.9	1259.1	1086.9	955.0	862.7	785.8	722.1	669.7	623.5
-27.5°	1681.1	1440.3	1270.6	1106.7	980.2	887.3	808.9	742.6	690.5	646.9	608.6
-30°	1362.3	1222.3	1096.7	985.4	898.8	822.1	757.1	706.6	662.3	623.4	590.0
-32.5°	1140.0	1054.6	963.2	893.2	824.4	765.0	715.3	671.6	634.3	602.0	573.4
-35°	988.8	928.5	868.3	813.7	761.6	716.4	674.7	640.3	609.3	580.8	557.0
-37.5°	876.8	832.7	790.6	746.8	708.3	671.6	640.3	611.7	584.5	562.4	539.7
-40°	789.4	755.6	724.9	691.1	662.3	634.3	609.3	584.4	563.5	543.3	521.7
-42.5°	718.3	693.2	669.9	646.9	623.4	602.0	580.2	560.3	541.5	522.8	503.3
-45°	660.2	643.6	625.7	608.9	590.0	572.2	553.0	536.0	519.3	501.8	483.8
-47.5°	614.5	602.2	588.6	576.2	561.6	545.2	528.5	512.2	496.6	480.5	465.8
-50°	576.2	567.8	558.4	548.0	534.7	519.9	504.3	488.0	473.7	460.0	445.5
-52.5°	545.4	538.6	530.2	520.1	508.0	494.1	479.6	464.5	450.7	437.2	421.8
-55°	518.5	511.7	503.0	492.7	481.3	469.5	456.1	441.0	426.2	413.1	395.9
-57.5°	491.0	484.6	474.8	465.6	457.2	444.5	430.1	415.8	401.9	387.6	369.0
-60°	456.0	450.5	442.3	433.8	425.2	414.4	400.2	387.6	376.8	356.2	334.6
-62.5°	415.3	410.8	403.6	395.0	386.0	376.3	365.2	351.6	335.5	317.3	299.3
-65°	369.7	363.2	356.9	350.9	344.1	336.5	324.6	310.7	295.7	280.1	263.6
-67.5°	324.0	318.0	313.1	308.2	302.0	294.0	282.5	269.8	256.1	240.4	225.9
-70°	281.1	276.7	272.0	266.3	259.4	251.6	241.5	229.3	215.4	201.8	191.6
-72.5°	240.4	236.7	232.1	226.2	219.5	211.3	201.1	190.3	179.9	170.0	160.6
-75°	199.5	196.6	192.3	185.4	177.4	168.3	160.0	153.2	146.0	138.4	130.5
-77.5°	157.2	154.6	150.8	144.4	137.8	131.1	124.7	119.3	113.9	108.3	102.5
-80°	113.5	111.7	109.3	105.2	101.1	96.9	92.8	88.8	84.5	80.1	75.4
-82.5°	76.1	74.5	72.7	70.8	68.6	66.3	63.8	60.4	56.6	52.5	48.2
-85°	44.9	44.0	43.0	41.8	40.6	39.3	37.9	35.6	33.5	31.4	29.4
-87.5°	18.2	17.9	17.6	17.2	16.8	16.4	15.9	15.4	14.9	14.3	13.7
-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: P627429 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-722-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°	13.1	12.5	11.8	11.1	10.4	9.7	9.0	8.2	7.4	6.6	5.8
85°	28.3	27.0	25.4	23.6	21.5	19.4	17.9	16.4	14.8	13.3	11.7
82.5°	45.7	44.1	42.4	40.2	37.0	33.8	30.5	27.1	23.6	20.1	17.5
80°	70.9	66.5	62.3	58.1	53.2	48.2	43.7	39.2	34.6	29.9	25.1
77.5°	96.4	90.0	83.4	77.3	71.2	64.8	58.4	51.8	45.5	39.6	33.7
75°	122.2	114.4	106.5	98.4	89.9	81.4	73.7	65.8	57.7	49.5	42.2
72.5°	151.0	140.9	130.5	119.9	110.1	100.1	89.8	79.6	70.2	60.6	50.9
70°	180.9	168.5	156.1	144.3	131.7	118.6	106.9	94.9	82.6	71.7	60.6
67.5°	212.3	199.7	185.1	169.3	155.1	140.3	124.4	110.3	96.6	82.6	70.2
65°	246.8	231.0	215.8	197.5	179.6	162.4	145.2	126.5	110.3	94.9	79.6
62.5°	280.5	261.4	243.2	224.4	204.9	185.1	165.6	144.6	124.3	106.9	89.8
60°	313.9	292.7	270.0	248.7	228.3	207.4	185.3	162.3	139.9	118.6	100.1
57.5°	345.6	323.4	297.7	272.8	249.8	228.0	204.3	179.3	155.0	131.5	110.1
55°	375.0	350.3	323.7	296.6	270.8	246.9	222.2	195.7	169.6	144.3	119.7
52.5°	402.2	376.3	347.9	319.2	291.0	265.0	239.0	211.5	183.6	156.5	130.1
50°	427.5	402.1	371.9	341.1	310.2	282.7	255.5	226.6	197.0	168.3	140.2
47.5°	449.4	425.3	396.2	362.8	329.9	300.2	271.6	241.4	209.7	179.5	150.0
45°	467.3	446.8	418.7	385.2	349.9	318.4	287.5	255.9	222.7	190.3	159.4
42.5°	483.9	464.8	439.5	407.0	370.5	336.4	303.0	270.0	235.4	200.6	168.5
40°	500.8	480.6	458.8	426.1	389.7	353.6	318.6	283.7	247.6	210.8	177.1
37.5°	516.6	495.6	473.5	443.8	407.0	369.8	333.6	296.9	259.0	220.9	185.2
35°	532.6	509.2	486.3	457.7	422.1	384.6	347.9	309.7	269.7	230.3	192.9
32.5°	548.0	521.7	497.0	469.0	435.9	397.9	360.6	320.8	279.8	239.0	200.1
30°	562.0	533.5	507.3	480.0	447.6	409.5	371.4	330.9	289.1	246.9	206.9
27.5°	573.2	543.2	517.1	489.4	457.0	419.9	380.8	340.0	297.8	254.3	213.3
25°	584.4	552.2	525.0	498.0	465.8	430.4	389.6	348.0	305.3	261.2	219.1
22.5°	596.8	560.6	531.2	506.1	474.8	440.5	397.9	355.0	311.9	267.4	224.2
20°	607.7	567.8	535.8	512.5	481.9	448.0	405.9	361.3	317.5	273.0	228.7
17.5°	617.3	575.6	541.8	516.3	487.5	454.5	413.2	366.9	322.3	277.8	232.6
15°	627.4	583.7	547.2	519.4	492.0	459.9	419.8	371.7	326.1	281.8	236.0
12.5°	636.3	590.3	551.6	521.8	495.5	464.3	425.7	375.7	329.1	285.3	239.2
10°	643.8	595.3	554.8	523.4	497.9	467.7	430.7	379.6	332.3	287.9	241.8
7.5°	649.6	598.9	556.9	524.3	499.6	470.4	435.0	384.0	335.0	289.7	243.9
5°	653.8	601.7	560.2	527.3	501.6	472.5	438.0	387.6	337.0	290.6	245.5
2.5°	657.0	604.1	563.7	530.2	502.8	473.8	439.7	390.3	338.3	290.8	246.5
0°	658.1	604.8	566.1	532.3	503.2	474.2	440.3	391.9	338.7	290.3	246.8
-2.5°	657.0	604.1	563.7	530.2	502.8	473.8	439.7	390.3	338.3	290.8	246.5
-5°	653.8	601.7	560.2	527.3	501.6	472.5	438.0	387.6	337.0	290.6	245.5
-7.5°	649.6	598.9	556.9	524.3	499.6	470.4	435.0	384.0	335.0	289.7	243.9
-10°	643.8	595.3	554.8	523.4	497.9	467.7	430.7	379.6	332.3	287.9	241.8
-12.5°	636.3	590.3	551.6	521.8	495.5	464.3	425.7	375.7	329.1	285.3	239.2
-15°	627.4	583.7	547.2	519.4	492.0	459.9	419.8	371.7	326.1	281.8	236.0
-17.5°	617.3	575.6	541.8	516.3	487.5	454.5	413.2	366.9	322.3	277.8	232.6
-20°	607.7	567.8	535.8	512.5	481.9	448.0	405.9	361.3	317.5	273.0	228.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627429 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-722-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°	596.8	560.6	531.2	506.1	474.8	440.5	397.9	355.0	311.9	267.4	224.2
-25°	584.4	552.2	525.0	498.0	465.8	430.4	389.6	348.0	305.3	261.2	219.1
-27.5°	573.2	543.2	517.1	489.4	457.0	419.9	380.8	340.0	297.8	254.3	213.3
-30°	562.0	533.5	507.3	480.0	447.6	409.5	371.4	330.9	289.1	246.9	206.9
-32.5°	548.0	521.7	497.0	469.0	435.9	397.9	360.6	320.8	279.8	239.0	200.1
-35°	532.6	509.2	486.3	457.7	422.1	384.6	347.9	309.7	269.7	230.3	192.9
-37.5°	516.6	495.6	473.5	443.8	407.0	369.8	333.6	296.9	259.0	220.9	185.2
-40°	500.8	480.6	458.8	426.1	389.7	353.6	318.6	283.7	247.6	210.8	177.1
-42.5°	483.9	464.8	439.5	407.0	370.5	336.4	303.0	270.0	235.4	200.6	168.5
-45°	467.3	446.8	418.7	385.2	349.9	318.4	287.5	255.9	222.7	190.3	159.4
-47.5°	449.4	425.3	396.2	362.8	329.9	300.2	271.6	241.4	209.7	179.5	150.0
-50°	427.5	402.1	371.9	341.1	310.2	282.7	255.5	226.6	197.0	168.3	140.2
-52.5°	402.2	376.3	347.9	319.2	291.0	265.0	239.0	211.5	183.6	156.5	130.1
-55°	375.0	350.3	323.7	296.6	270.8	246.9	222.2	195.7	169.6	144.3	119.7
-57.5°	345.6	323.4	297.7	272.8	249.8	228.0	204.3	179.3	155.0	131.5	110.1
-60°	313.9	292.7	270.0	248.7	228.3	207.4	185.3	162.3	139.9	118.6	100.1
-62.5°	280.5	261.4	243.2	224.4	204.9	185.1	165.6	144.6	124.3	106.9	89.8
-65°	246.8	231.0	215.8	197.5	179.6	162.4	145.2	126.5	110.3	94.9	79.6
-67.5°	212.3	199.7	185.1	169.3	155.1	140.3	124.4	110.3	96.6	82.6	70.2
-70°	180.9	168.5	156.1	144.3	131.7	118.6	106.9	94.9	82.6	71.7	60.6
-72.5°	151.0	140.9	130.5	119.9	110.1	100.1	89.8	79.6	70.2	60.6	50.9
-75°	122.2	114.4	106.5	98.4	89.9	81.4	73.7	65.8	57.7	49.5	42.2
-77.5°	96.4	90.0	83.4	77.3	71.2	64.8	58.4	51.8	45.5	39.6	33.7
-80°	70.9	66.5	62.3	58.1	53.2	48.2	43.7	39.2	34.6	29.9	25.1
-82.5°	45.7	44.1	42.4	40.2	37.0	33.8	30.5	27.1	23.6	20.1	17.5
-85°	28.3	27.0	25.4	23.6	21.5	19.4	17.9	16.4	14.8	13.3	11.7
-87.5°	13.1	12.5	11.8	11.1	10.4	9.7	9.0	8.2	7.4	6.6	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

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Scaled Data Report



REPORT NUMBER: P627429 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-722-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°	5.0	4.2	3.4	2.5	1.7	0.7	0.0
85°	10.0	8.4	6.7	5.1	3.4	1.5	0.0
82.5°	15.0	12.6	10.1	7.6	5.0	2.2	0.0
80°	20.3	16.7	13.4	10.1	6.7	2.9	0.0
77.5°	27.6	21.4	16.7	12.6	8.3	3.7	0.0
75°	34.8	27.2	20.2	15.0	9.9	4.4	0.0
72.5°	41.9	32.9	24.6	17.5	11.5	5.1	0.0
70°	49.0	38.5	28.9	20.0	13.1	5.7	0.0
67.5°	57.1	44.0	33.1	23.0	14.5	6.4	0.0
65°	65.1	50.0	37.2	26.0	16.0	7.1	0.0
62.5°	72.9	56.5	41.2	28.9	17.4	7.7	0.0
60°	80.5	62.8	45.1	31.7	18.7	8.3	0.0
57.5°	88.8	69.0	50.0	34.5	20.5	8.9	0.0
55°	97.1	75.0	54.8	37.1	22.2	9.5	0.0
52.5°	105.1	80.9	59.4	39.6	23.8	10.0	0.0
50°	112.8	87.4	63.9	42.0	25.4	10.5	0.0
47.5°	120.3	93.6	68.2	44.6	27.0	11.0	0.0
45°	128.4	99.5	72.4	47.7	28.5	11.5	0.0
42.5°	136.1	105.2	76.3	50.6	30.0	11.9	0.0
40°	143.4	110.6	80.4	53.5	31.4	12.3	0.0
37.5°	150.4	115.7	84.4	56.3	32.7	12.7	0.0
35°	157.0	120.9	88.3	58.9	34.0	13.0	0.0
32.5°	163.1	126.0	91.9	61.4	35.2	13.3	0.0
30°	168.8	130.8	95.2	63.7	36.4	13.6	0.0
27.5°	174.1	135.1	98.5	65.9	37.4	13.9	0.0
25°	179.0	139.2	101.5	67.8	38.4	14.1	0.0
22.5°	183.3	142.8	104.2	69.6	39.4	14.3	0.0
20°	187.2	145.9	106.7	71.2	40.2	14.4	0.0
17.5°	190.5	148.6	108.9	72.7	40.9	14.5	0.0
15°	193.1	150.8	110.8	73.9	41.6	14.6	0.0
12.5°	195.3	152.5	112.4	75.0	42.2	14.7	0.0
10°	196.9	153.8	113.7	75.8	42.6	14.7	0.0
7.5°	198.0	154.7	114.8	76.5	43.0	14.7	0.0
5°	198.7	155.1	115.5	77.0	43.3	14.7	0.0
2.5°	198.8	155.2	116.0	77.3	43.4	14.6	0.0
0°	198.4	154.8	116.1	77.4	43.5	14.5	0.0
-2.5°	198.8	155.2	116.0	77.3	43.4	14.6	0.0
-5°	198.7	155.1	115.5	77.0	43.3	14.7	0.0
-7.5°	198.0	154.7	114.8	76.5	43.0	14.7	0.0
-10°	196.9	153.8	113.7	75.8	42.6	14.7	0.0
-12.5°	195.3	152.5	112.4	75.0	42.2	14.7	0.0
-15°	193.1	150.8	110.8	73.9	41.6	14.6	0.0
-17.5°	190.5	148.6	108.9	72.7	40.9	14.5	0.0
-20°	187.2	145.9	106.7	71.2	40.2	14.4	0.0

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CATALOG NUMBER: GFLD-SA4D-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	183.3	142.8	104.2	69.6	39.4	14.3	0.0
-25°	179.0	139.2	101.5	67.8	38.4	14.1	0.0
-27.5°	174.1	135.1	98.5	65.9	37.4	13.9	0.0
-30°	168.8	130.8	95.2	63.7	36.4	13.6	0.0
-32.5°	163.1	126.0	91.9	61.4	35.2	13.3	0.0
-35°	157.0	120.9	88.3	58.9	34.0	13.0	0.0
-37.5°	150.4	115.7	84.4	56.3	32.7	12.7	0.0
-40°	143.4	110.6	80.4	53.5	31.4	12.3	0.0
-42.5°	136.1	105.2	76.3	50.6	30.0	11.9	0.0
-45°	128.4	99.5	72.4	47.7	28.5	11.5	0.0
-47.5°	120.3	93.6	68.2	44.6	27.0	11.0	0.0
-50°	112.8	87.4	63.9	42.0	25.4	10.5	0.0
-52.5°	105.1	80.9	59.4	39.6	23.8	10.0	0.0
-55°	97.1	75.0	54.8	37.1	22.2	9.5	0.0
-57.5°	88.8	69.0	50.0	34.5	20.5	8.9	0.0
-60°	80.5	62.8	45.1	31.7	18.7	8.3	0.0
-62.5°	72.9	56.5	41.2	28.9	17.4	7.7	0.0
-65°	65.1	50.0	37.2	26.0	16.0	7.1	0.0
-67.5°	57.1	44.0	33.1	23.0	14.5	6.4	0.0
-70°	49.0	38.5	28.9	20.0	13.1	5.7	0.0
-72.5°	41.9	32.9	24.6	17.5	11.5	5.1	0.0
-75°	34.8	27.2	20.2	15.0	9.9	4.4	0.0
-77.5°	27.6	21.4	16.7	12.6	8.3	3.7	0.0
-80°	20.3	16.7	13.4	10.1	6.7	2.9	0.0
-82.5°	15.0	12.6	10.1	7.6	5.0	2.2	0.0
-85°	10.0	8.4	6.7	5.1	3.4	1.5	0.0
-87.5°	5.0	4.2	3.4	2.5	1.7	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)