

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: P627609 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-722-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627609 (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-SA5C-722-U-NR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N106
Light Source: (80) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

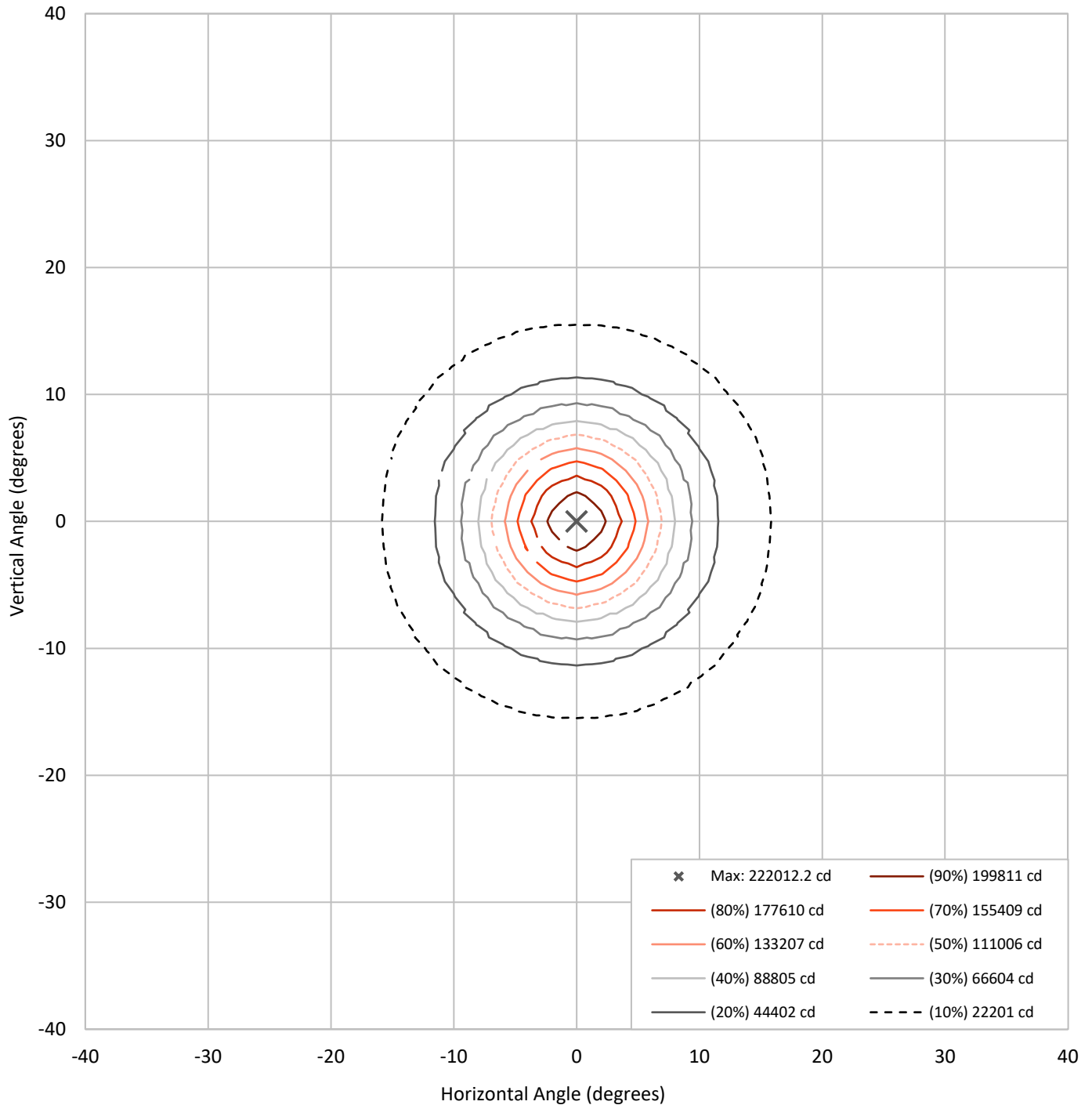
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	23574.5 lumens	Max Intensity:	222012.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	114.4 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:	6969.9 lumens	Field Lumens:	15685.2 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	206.1		
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





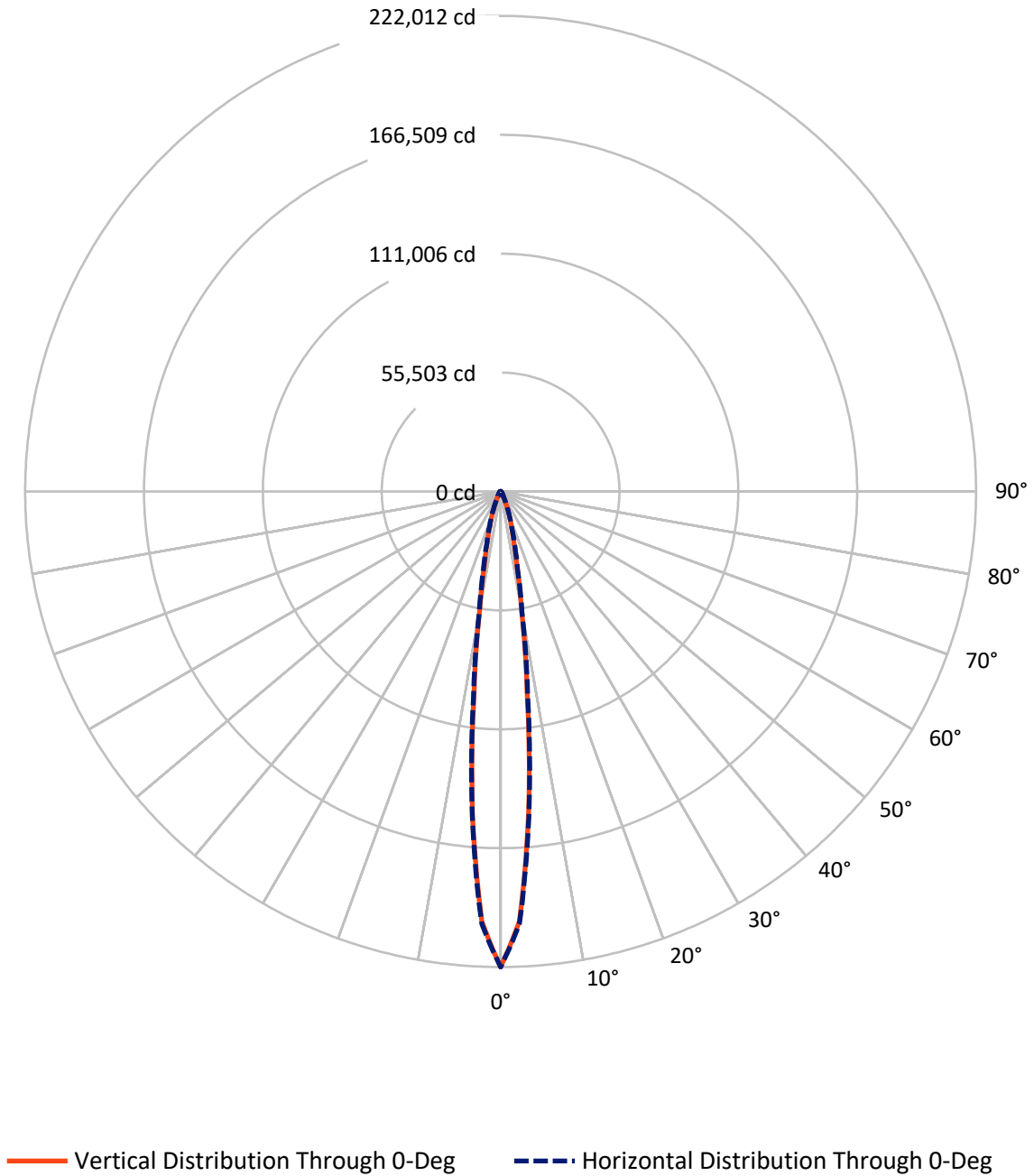
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Lumen Table

90	0.4	3.2		8.5		13.7		15.0		13.7		8.5		3.2		0.4			
80	0.4	3.2		8.5		13.7		15.0		13.7		8.5		3.2		0.4			
70	1.5	1.6	3.4	5.6	7.9	9.7	10.9	11.4	11.4	10.9	9.7	7.9	5.6	3.4	1.6	1.5			
60		2.5	5.1	8.3	11.1	13.6	15.2	15.9	15.9	15.2	13.6	11.1	8.3	5.1	2.5				
50	2.6	3.3	6.6	10.2	13.6	17.1	20.2	21.8	21.8	20.2	17.1	13.6	10.2	6.6	3.3	2.6			
40		3.9	7.8	11.8	16.8	24.1	34.0	42.1	42.1	34.0	24.1	16.8	11.8	7.8	3.9				
30	3.3	4.4	8.5	13.3	21.7	43.1	98.1	162.4	162.4	98.1	43.1	21.7	13.3	8.5	4.4	3.3			
20		4.8	8.9	14.7	28.8	91.5	324.8	699.5	699.5	324.8	91.5	28.8	14.7	8.9	4.8				
10	3.6	4.9	9.2	15.6	34.8	150.7	706.0	3049.9	3049.9	706.0	150.7	34.8	15.6	9.2	4.9	3.6			
0		4.9	9.2	15.6	34.8	150.7	706.0	3049.9	3049.9	706.0	150.7	34.8	15.6	9.2	4.9				
-10	3.3	4.8	8.9	14.7	28.8	91.5	324.8	699.5	699.5	324.8	91.5	28.8	14.7	8.9	4.8	3.3			
-20		4.4	8.5	13.3	21.7	43.1	98.1	162.4	162.4	98.1	43.1	21.7	13.3	8.5	4.4				
-30	2.6	3.9	7.8	11.8	16.8	24.1	34.0	42.1	42.1	34.0	24.1	16.8	11.8	7.8	3.9	2.6			
-40		3.3	6.6	10.2	13.6	17.1	20.2	21.8	21.8	20.2	17.1	13.6	10.2	6.6	3.3				
-50	1.5	2.5	5.1	8.3	11.1	13.6	15.2	15.9	15.9	15.2	13.6	11.1	8.3	5.1	2.5	1.5			
-60		1.6	3.4	5.6	7.9	9.7	10.9	11.4	11.4	10.9	9.7	7.9	5.6	3.4	1.6				
-70	0.4	3.2		8.5		13.7		15.0		13.7		8.5		3.2		0.4			
-80		3.2		8.5		13.7		15.0		13.7		8.5		3.2					
-90	0.4	3.2		8.5		13.7		15.0		13.7		8.5		3.2		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

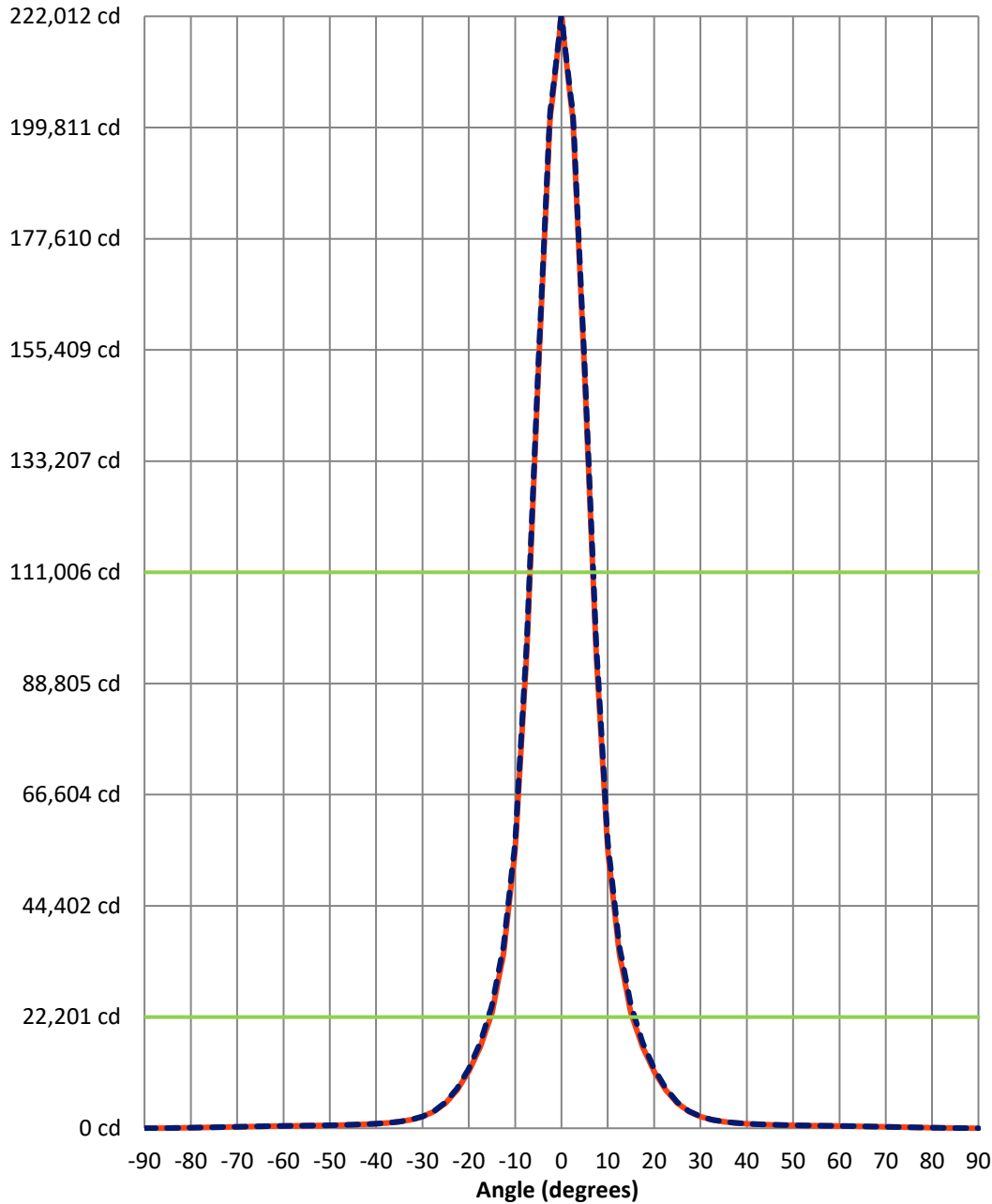
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 6969.9
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 15685.2
 Efficiency: 66.5%

Spill:
 Lumens: 7889.3
 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	3.3	4.1	4.9	5.7	6.5	7.3	8.0
85°	0.0	1.4	3.3	5.0	6.6	8.2	9.8	11.4	13.0	14.5	16.0
82.5°	0.0	2.2	4.9	7.4	9.9	12.3	14.7	17.1	19.7	23.2	26.6
80°	0.0	2.9	6.6	9.9	13.1	16.4	19.9	24.6	29.4	34.0	38.5
77.5°	0.0	3.6	8.2	12.3	16.4	21.0	27.1	33.1	39.0	44.8	50.9
75°	0.0	4.3	9.7	14.7	19.8	26.7	34.2	41.5	48.6	56.7	64.6
72.5°	0.0	5.0	11.3	17.1	24.1	32.4	41.2	50.1	59.6	69.0	78.3
70°	0.0	5.6	12.8	19.6	28.4	37.9	48.2	59.6	70.5	81.2	93.2
67.5°	0.0	6.3	14.3	22.6	32.5	43.3	56.2	69.0	81.2	94.9	108.4
65°	0.0	6.9	15.7	25.5	36.6	49.2	64.0	78.3	93.2	108.4	124.3
62.5°	0.0	7.6	17.0	28.4	40.6	55.5	71.6	88.2	105.0	122.1	142.2
60°	0.0	8.2	18.4	31.2	44.4	61.8	79.1	98.3	116.6	137.5	159.5
57.5°	0.0	8.7	20.1	33.9	49.2	67.8	87.3	108.2	129.2	152.4	176.3
55°	0.0	9.3	21.8	36.5	53.9	73.7	95.4	117.6	141.8	166.7	192.4
52.5°	0.0	9.8	23.4	39.0	58.4	79.6	103.3	127.8	153.9	180.4	207.9
50°	0.0	10.3	25.0	41.4	62.9	85.9	110.9	137.8	165.4	193.6	222.8
47.5°	0.0	10.8	26.5	43.8	67.1	92.0	118.3	147.5	176.4	206.1	237.4
45°	0.0	11.3	28.0	46.9	71.2	97.8	126.2	156.7	187.0	218.9	251.6
42.5°	0.0	11.7	29.5	49.8	75.0	103.4	133.8	165.6	197.2	231.4	265.4
40°	0.0	12.1	30.9	52.6	79.0	108.7	141.0	174.0	207.2	243.4	278.9
37.5°	0.0	12.5	32.2	55.4	83.0	113.7	147.9	182.0	217.1	254.6	292.0
35°	0.0	12.8	33.5	58.0	86.8	118.9	154.3	189.6	226.4	265.2	304.5
32.5°	0.0	13.1	34.6	60.4	90.3	123.9	160.4	196.7	234.9	275.1	315.4
30°	0.0	13.4	35.8	62.7	93.6	128.6	166.0	203.4	242.7	284.3	325.3
27.5°	0.0	13.6	36.8	64.8	96.8	132.9	171.2	209.7	250.0	292.7	334.2
25°	0.0	13.9	37.8	66.7	99.8	136.8	175.9	215.4	256.8	300.2	342.1
22.5°	0.0	14.0	38.7	68.5	102.5	140.4	180.2	220.4	262.9	306.6	349.0
20°	0.0	14.2	39.5	70.0	104.9	143.5	184.1	224.9	268.3	312.1	355.2
17.5°	0.0	14.3	40.3	71.5	107.1	146.1	187.3	228.6	273.1	316.8	360.6
15°	0.0	14.4	40.9	72.7	109.0	148.2	189.9	232.0	277.1	320.6	365.4
12.5°	0.0	14.5	41.5	73.7	110.6	149.9	192.0	235.1	280.4	323.6	369.3
10°	0.0	14.5	42.0	74.6	111.9	151.2	193.6	237.7	283.0	326.7	373.1
7.5°	0.0	14.5	42.3	75.2	112.9	152.1	194.7	239.8	284.8	329.4	377.5
5°	0.0	14.4	42.6	75.7	113.6	152.5	195.3	241.3	285.7	331.4	381.0
2.5°	0.0	14.4	42.7	76.0	114.1	152.5	195.4	242.3	285.9	332.6	383.7
0°	0.0	14.3	42.8	76.1	114.2	152.2	195.0	242.6	285.4	333.0	385.3
-2.5°	0.0	14.4	42.7	76.0	114.1	152.5	195.4	242.3	285.9	332.6	383.7
-5°	0.0	14.4	42.6	75.7	113.6	152.5	195.3	241.3	285.7	331.4	381.0
-7.5°	0.0	14.5	42.3	75.2	112.9	152.1	194.7	239.8	284.8	329.4	377.5
-10°	0.0	14.5	42.0	74.6	111.9	151.2	193.6	237.7	283.0	326.7	373.1
-12.5°	0.0	14.5	41.5	73.7	110.6	149.9	192.0	235.1	280.4	323.6	369.3
-15°	0.0	14.4	40.9	72.7	109.0	148.2	189.9	232.0	277.1	320.6	365.4
-17.5°	0.0	14.3	40.3	71.5	107.1	146.1	187.3	228.6	273.1	316.8	360.6
-20°	0.0	14.2	39.5	70.0	104.9	143.5	184.1	224.9	268.3	312.1	355.2

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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	14.0	38.7	68.5	102.5	140.4	180.2	220.4	262.9	306.6	349.0
-25°	0.0	13.9	37.8	66.7	99.8	136.8	175.9	215.4	256.8	300.2	342.1
-27.5°	0.0	13.6	36.8	64.8	96.8	132.9	171.2	209.7	250.0	292.7	334.2
-30°	0.0	13.4	35.8	62.7	93.6	128.6	166.0	203.4	242.7	284.3	325.3
-32.5°	0.0	13.1	34.6	60.4	90.3	123.9	160.4	196.7	234.9	275.1	315.4
-35°	0.0	12.8	33.5	58.0	86.8	118.9	154.3	189.6	226.4	265.2	304.5
-37.5°	0.0	12.5	32.2	55.4	83.0	113.7	147.9	182.0	217.1	254.6	292.0
-40°	0.0	12.1	30.9	52.6	79.0	108.7	141.0	174.0	207.2	243.4	278.9
-42.5°	0.0	11.7	29.5	49.8	75.0	103.4	133.8	165.6	197.2	231.4	265.4
-45°	0.0	11.3	28.0	46.9	71.2	97.8	126.2	156.7	187.0	218.9	251.6
-47.5°	0.0	10.8	26.5	43.8	67.1	92.0	118.3	147.5	176.4	206.1	237.4
-50°	0.0	10.3	25.0	41.4	62.9	85.9	110.9	137.8	165.4	193.6	222.8
-52.5°	0.0	9.8	23.4	39.0	58.4	79.6	103.3	127.8	153.9	180.4	207.9
-55°	0.0	9.3	21.8	36.5	53.9	73.7	95.4	117.6	141.8	166.7	192.4
-57.5°	0.0	8.7	20.1	33.9	49.2	67.8	87.3	108.2	129.2	152.4	176.3
-60°	0.0	8.2	18.4	31.2	44.4	61.8	79.1	98.3	116.6	137.5	159.5
-62.5°	0.0	7.6	17.0	28.4	40.6	55.5	71.6	88.2	105.0	122.1	142.2
-65°	0.0	6.9	15.7	25.5	36.6	49.2	64.0	78.3	93.2	108.4	124.3
-67.5°	0.0	6.3	14.3	22.6	32.5	43.3	56.2	69.0	81.2	94.9	108.4
-70°	0.0	5.6	12.8	19.6	28.4	37.9	48.2	59.6	70.5	81.2	93.2
-72.5°	0.0	5.0	11.3	17.1	24.1	32.4	41.2	50.1	59.6	69.0	78.3
-75°	0.0	4.3	9.7	14.7	19.8	26.7	34.2	41.5	48.6	56.7	64.6
-77.5°	0.0	3.6	8.2	12.3	16.4	21.0	27.1	33.1	39.0	44.8	50.9
-80°	0.0	2.9	6.6	9.9	13.1	16.4	19.9	24.6	29.4	34.0	38.5
-82.5°	0.0	2.2	4.9	7.4	9.9	12.3	14.7	17.1	19.7	23.2	26.6
-85°	0.0	1.4	3.3	5.0	6.6	8.2	9.8	11.4	13.0	14.5	16.0
-87.5°	0.0	0.7	1.7	2.5	3.3	4.1	4.9	5.7	6.5	7.3	8.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	8.8	9.5	10.2	10.9	11.6	12.2	12.8	13.4	14.0	14.6	15.1
85°	17.5	19.0	21.1	23.2	24.9	26.5	27.8	28.9	30.8	32.9	35.0
82.5°	29.9	33.2	36.4	39.5	41.6	43.3	45.0	47.4	51.6	55.7	59.4
80°	43.0	47.4	52.3	57.1	61.3	65.4	69.7	74.1	78.8	83.1	87.3
77.5°	57.4	63.8	70.0	76.0	82.0	88.5	94.7	100.7	106.5	112.0	117.2
75°	72.4	80.0	88.4	96.7	104.7	112.5	120.1	128.2	136.0	143.5	150.6
72.5°	88.2	98.3	108.2	117.9	128.3	138.5	148.4	157.9	167.1	176.8	187.0
70°	105.0	116.6	129.5	141.8	153.4	165.6	177.8	188.3	198.3	211.7	225.3
67.5°	122.3	137.9	152.5	166.4	181.9	196.3	208.7	222.0	236.3	251.7	265.2
65°	142.7	159.7	176.6	194.2	212.1	227.0	242.6	259.2	275.3	290.7	305.3
62.5°	162.8	182.0	201.4	220.6	239.0	257.0	275.8	294.2	311.9	329.8	345.6
60°	182.2	203.9	224.4	244.5	265.4	287.7	308.5	328.9	350.2	370.4	381.0
57.5°	200.9	224.1	245.6	268.2	292.7	317.8	339.7	362.8	381.0	395.1	408.8
55°	218.5	242.7	266.2	291.5	318.2	344.3	368.7	389.3	406.1	418.9	433.5
52.5°	235.0	260.5	286.1	313.8	342.0	369.9	395.4	414.7	429.8	443.0	456.6
50°	251.2	278.0	305.0	335.3	365.7	395.3	420.3	437.9	452.2	465.7	479.7
47.5°	267.1	295.2	324.3	356.6	389.5	418.1	441.8	457.9	472.3	488.2	503.6
45°	282.7	313.1	344.0	378.7	411.7	439.3	459.4	475.6	493.4	510.5	527.0
42.5°	297.9	330.7	364.2	400.2	432.1	456.9	475.7	494.8	514.0	532.3	550.8
40°	313.3	347.6	383.1	418.9	451.0	472.5	492.4	513.0	534.1	554.0	574.6
37.5°	328.0	363.6	400.2	436.3	465.5	487.3	507.9	530.6	552.9	574.6	601.4
35°	342.0	378.1	415.0	450.0	478.0	500.6	523.7	547.6	571.0	599.0	629.5
32.5°	354.5	391.1	428.5	461.1	488.6	512.9	538.8	563.7	591.8	623.6	660.2
30°	365.0	402.5	440.1	471.9	498.7	524.5	552.5	580.1	612.9	651.1	694.6
27.5°	374.3	412.8	449.3	481.1	508.4	534.0	563.5	598.3	636.0	678.8	730.0
25°	382.9	423.1	457.9	489.5	516.1	542.9	574.5	612.9	658.3	709.8	772.5
22.5°	391.1	433.1	466.7	497.5	522.2	551.1	586.7	628.5	677.8	738.2	814.5
20°	399.0	440.5	473.8	503.8	526.7	558.2	597.4	642.1	698.1	770.2	858.4
17.5°	406.2	446.9	479.3	507.6	532.6	565.8	606.9	653.2	715.8	799.2	898.7
15°	412.7	452.2	483.7	510.6	538.0	573.8	616.8	666.9	735.3	826.8	934.4
12.5°	418.5	456.5	487.1	512.9	542.2	580.3	625.5	681.2	756.3	854.0	979.7
10°	423.5	459.8	489.5	514.6	545.4	585.3	632.9	692.8	773.0	875.0	1014.5
7.5°	427.7	462.4	491.1	515.5	547.5	588.8	638.6	701.7	784.7	890.0	1039.7
5°	430.6	464.5	493.1	518.4	550.7	591.5	642.7	707.7	791.6	898.9	1055.3
2.5°	432.3	465.8	494.3	521.1	554.1	593.9	645.9	714.4	797.1	907.6	1067.3
0°	432.9	466.2	494.7	523.2	556.5	594.6	646.9	718.3	799.1	913.3	1075.0
-2.5°	432.3	465.8	494.3	521.1	554.1	593.9	645.9	714.4	797.1	907.6	1067.3
-5°	430.6	464.5	493.1	518.4	550.7	591.5	642.7	707.7	791.6	898.9	1055.3
-7.5°	427.7	462.4	491.1	515.5	547.5	588.8	638.6	701.7	784.7	890.0	1039.7
-10°	423.5	459.8	489.5	514.6	545.4	585.3	632.9	692.8	773.0	875.0	1014.5
-12.5°	418.5	456.5	487.1	512.9	542.2	580.3	625.5	681.2	756.3	854.0	979.7
-15°	412.7	452.2	483.7	510.6	538.0	573.8	616.8	666.9	735.3	826.8	934.4
-17.5°	406.2	446.9	479.3	507.6	532.6	565.8	606.9	653.2	715.8	799.2	898.7
-20°	399.0	440.5	473.8	503.8	526.7	558.2	597.4	642.1	698.1	770.2	858.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627609 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	391.1	433.1	466.7	497.5	522.2	551.1	586.7	628.5	677.8	738.2	814.5
-25°	382.9	423.1	457.9	489.5	516.1	542.9	574.5	612.9	658.3	709.8	772.5
-27.5°	374.3	412.8	449.3	481.1	508.4	534.0	563.5	598.3	636.0	678.8	730.0
-30°	365.0	402.5	440.1	471.9	498.7	524.5	552.5	580.1	612.9	651.1	694.6
-32.5°	354.5	391.1	428.5	461.1	488.6	512.9	538.8	563.7	591.8	623.6	660.2
-35°	342.0	378.1	415.0	450.0	478.0	500.6	523.7	547.6	571.0	599.0	629.5
-37.5°	328.0	363.6	400.2	436.3	465.5	487.3	507.9	530.6	552.9	574.6	601.4
-40°	313.3	347.6	383.1	418.9	451.0	472.5	492.4	513.0	534.1	554.0	574.6
-42.5°	297.9	330.7	364.2	400.2	432.1	456.9	475.7	494.8	514.0	532.3	550.8
-45°	282.7	313.1	344.0	378.7	411.7	439.3	459.4	475.6	493.4	510.5	527.0
-47.5°	267.1	295.2	324.3	356.6	389.5	418.1	441.8	457.9	472.3	488.2	503.6
-50°	251.2	278.0	305.0	335.3	365.7	395.3	420.3	437.9	452.2	465.7	479.7
-52.5°	235.0	260.5	286.1	313.8	342.0	369.9	395.4	414.7	429.8	443.0	456.6
-55°	218.5	242.7	266.2	291.5	318.2	344.3	368.7	389.3	406.1	418.9	433.5
-57.5°	200.9	224.1	245.6	268.2	292.7	317.8	339.7	362.8	381.0	395.1	408.8
-60°	182.2	203.9	224.4	244.5	265.4	287.7	308.5	328.9	350.2	370.4	381.0
-62.5°	162.8	182.0	201.4	220.6	239.0	257.0	275.8	294.2	311.9	329.8	345.6
-65°	142.7	159.7	176.6	194.2	212.1	227.0	242.6	259.2	275.3	290.7	305.3
-67.5°	122.3	137.9	152.5	166.4	181.9	196.3	208.7	222.0	236.3	251.7	265.2
-70°	105.0	116.6	129.5	141.8	153.4	165.6	177.8	188.3	198.3	211.7	225.3
-72.5°	88.2	98.3	108.2	117.9	128.3	138.5	148.4	157.9	167.1	176.8	187.0
-75°	72.4	80.0	88.4	96.7	104.7	112.5	120.1	128.2	136.0	143.5	150.6
-77.5°	57.4	63.8	70.0	76.0	82.0	88.5	94.7	100.7	106.5	112.0	117.2
-80°	43.0	47.4	52.3	57.1	61.3	65.4	69.7	74.1	78.8	83.1	87.3
-82.5°	29.9	33.2	36.4	39.5	41.6	43.3	45.0	47.4	51.6	55.7	59.4
-85°	17.5	19.0	21.1	23.2	24.9	26.5	27.8	28.9	30.8	32.9	35.0
-87.5°	8.8	9.5	10.2	10.9	11.6	12.2	12.8	13.4	14.0	14.6	15.1
-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: P627609 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	15.6	16.0	16.5	16.9	17.2	17.6	17.9	18.1	18.4	17.4	16.4
85°	37.2	38.6	39.9	41.1	42.2	43.2	44.1	44.9	45.6	45.1	44.3
82.5°	62.7	65.2	67.5	69.6	71.5	73.3	74.8	76.3	77.5	77.4	77.0
80°	91.2	95.3	99.4	103.4	107.4	109.8	111.6	112.9	113.8	114.2	114.3
77.5°	122.5	128.8	135.4	141.9	148.3	151.9	154.5	156.7	158.4	158.8	158.5
75°	157.3	165.4	174.4	182.2	189.0	193.2	196.1	198.6	200.6	201.1	200.9
72.5°	197.7	207.7	215.7	222.4	228.1	232.7	236.3	239.4	241.9	243.0	243.1
70°	237.4	247.3	255.0	261.8	267.4	272.1	276.4	280.1	283.2	285.5	287.2
67.5°	277.7	289.0	296.9	303.0	307.8	312.7	318.5	323.5	327.7	330.5	331.9
65°	319.0	330.7	338.3	345.0	350.8	357.0	363.5	368.2	371.4	373.3	374.6
62.5°	359.0	370.0	379.5	388.4	396.9	403.9	408.4	412.3	415.7	418.6	420.7
60°	393.4	407.4	418.0	426.5	434.8	442.8	448.3	452.6	455.9	458.4	460.0
57.5°	422.8	436.9	449.5	457.8	466.8	476.3	482.6	486.3	489.6	492.5	493.8
55°	448.4	461.5	473.1	484.4	494.5	503.1	509.8	514.7	518.7	522.0	523.1
52.5°	471.5	485.8	499.4	511.4	521.3	529.5	536.1	542.1	546.8	549.9	551.3
50°	495.7	511.1	525.7	538.8	548.9	558.2	566.5	573.6	580.4	585.8	589.7
47.5°	519.6	536.0	552.1	566.5	578.7	592.1	604.1	614.2	624.2	632.3	637.8
45°	543.7	562.5	580.1	598.6	615.2	632.7	649.0	663.0	677.5	688.4	695.8
42.5°	570.4	591.8	612.9	636.0	658.6	681.4	706.1	728.2	745.2	761.2	774.1
40°	599.0	623.6	651.1	679.4	712.6	742.8	776.0	804.5	830.3	857.5	879.2
37.5°	629.5	660.2	696.3	734.2	777.2	818.5	861.9	904.5	941.7	985.6	1019.1
35°	663.3	704.2	748.7	799.9	853.5	912.7	972.0	1040.5	1099.6	1164.4	1221.0
32.5°	703.2	752.1	810.5	878.0	946.9	1036.7	1120.6	1229.7	1324.0	1427.0	1530.6
30°	744.3	808.2	883.6	968.7	1078.1	1201.6	1339.3	1501.5	1668.8	1830.7	2026.0
27.5°	795.2	872.3	963.6	1088.0	1249.0	1416.0	1652.6	1896.2	2203.7	2458.1	2816.7
25°	848.1	938.9	1068.5	1237.7	1448.0	1737.6	2096.8	2486.1	3027.1	3502.5	4060.0
22.5°	905.7	1028.2	1189.5	1398.4	1717.2	2161.8	2705.6	3438.5	4236.6	5083.9	5926.7
20°	965.6	1113.9	1325.3	1628.1	2065.5	2667.7	3601.3	4732.7	5872.8	7270.8	8508.8
17.5°	1035.1	1223.8	1484.4	1863.0	2446.7	3369.1	4664.3	6243.8	8012.5	10022.7	11807.4
15°	1093.0	1318.0	1646.9	2176.6	2979.4	4164.0	5797.3	7970.1	10628.1	13327.8	16066.7
12.5°	1160.2	1420.4	1806.7	2438.3	3446.6	5020.9	7244.2	9994.4	13313.9	17058.4	21472.7
10°	1219.8	1521.0	2001.2	2783.0	4015.2	5914.7	8612.9	11921.5	16205.4	21593.0	28428.9
7.5°	1264.0	1601.1	2151.4	3045.4	4506.8	6773.9	9906.0	14031.9	19475.2	26589.5	35971.3
5°	1292.8	1659.0	2257.6	3247.8	4891.6	7413.4	10853.8	15528.7	22095.7	32157.6	48044.5
2.5°	1309.9	1693.3	2318.3	3366.5	5125.6	7837.1	11574.8	16660.5	23794.0	35598.7	55809.7
0°	1317.6	1702.9	2354.5	3429.5	5203.8	8000.7	11905.9	17176.3	24553.9	36402.7	57175.0
-2.5°	1309.9	1693.3	2318.3	3366.5	5125.6	7837.1	11574.8	16660.5	23794.0	35598.7	55809.7
-5°	1292.8	1659.0	2257.6	3247.8	4891.6	7413.4	10853.8	15528.7	22095.7	32157.6	48044.5
-7.5°	1264.0	1601.1	2151.4	3045.4	4506.8	6773.9	9906.0	14031.9	19475.2	26589.5	35971.3
-10°	1219.8	1521.0	2001.2	2783.0	4015.2	5914.7	8612.9	11921.5	16205.4	21593.0	28428.9
-12.5°	1160.2	1420.4	1806.7	2438.3	3446.6	5020.9	7244.2	9994.4	13313.9	17058.4	21472.7
-15°	1093.0	1318.0	1646.9	2176.6	2979.4	4164.0	5797.3	7970.1	10628.1	13327.8	16066.7
-17.5°	1035.1	1223.8	1484.4	1863.0	2446.7	3369.1	4664.3	6243.8	8012.5	10022.7	11807.4
-20°	965.6	1113.9	1325.3	1628.1	2065.5	2667.7	3601.3	4732.7	5872.8	7270.8	8508.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627609 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	905.7	1028.2	1189.5	1398.4	1717.2	2161.8	2705.6	3438.5	4236.6	5083.9	5926.7
-25°	848.1	938.9	1068.5	1237.7	1448.0	1737.6	2096.8	2486.1	3027.1	3502.5	4060.0
-27.5°	795.2	872.3	963.6	1088.0	1249.0	1416.0	1652.6	1896.2	2203.7	2458.1	2816.7
-30°	744.3	808.2	883.6	968.7	1078.1	1201.6	1339.3	1501.5	1668.8	1830.7	2026.0
-32.5°	703.2	752.1	810.5	878.0	946.9	1036.7	1120.6	1229.7	1324.0	1427.0	1530.6
-35°	663.3	704.2	748.7	799.9	853.5	912.7	972.0	1040.5	1099.6	1164.4	1221.0
-37.5°	629.5	660.2	696.3	734.2	777.2	818.5	861.9	904.5	941.7	985.6	1019.1
-40°	599.0	623.6	651.1	679.4	712.6	742.8	776.0	804.5	830.3	857.5	879.2
-42.5°	570.4	591.8	612.9	636.0	658.6	681.4	706.1	728.2	745.2	761.2	774.1
-45°	543.7	562.5	580.1	598.6	615.2	632.7	649.0	663.0	677.5	688.4	695.8
-47.5°	519.6	536.0	552.1	566.5	578.7	592.1	604.1	614.2	624.2	632.3	637.8
-50°	495.7	511.1	525.7	538.8	548.9	558.2	566.5	573.6	580.4	585.8	589.7
-52.5°	471.5	485.8	499.4	511.4	521.3	529.5	536.1	542.1	546.8	549.9	551.3
-55°	448.4	461.5	473.1	484.4	494.5	503.1	509.8	514.7	518.7	522.0	523.1
-57.5°	422.8	436.9	449.5	457.8	466.8	476.3	482.6	486.3	489.6	492.5	493.8
-60°	393.4	407.4	418.0	426.5	434.8	442.8	448.3	452.6	455.9	458.4	460.0
-62.5°	359.0	370.0	379.5	388.4	396.9	403.9	408.4	412.3	415.7	418.6	420.7
-65°	319.0	330.7	338.3	345.0	350.8	357.0	363.5	368.2	371.4	373.3	374.6
-67.5°	277.7	289.0	296.9	303.0	307.8	312.7	318.5	323.5	327.7	330.5	331.9
-70°	237.4	247.3	255.0	261.8	267.4	272.1	276.4	280.1	283.2	285.5	287.2
-72.5°	197.7	207.7	215.7	222.4	228.1	232.7	236.3	239.4	241.9	243.0	243.1
-75°	157.3	165.4	174.4	182.2	189.0	193.2	196.1	198.6	200.6	201.1	200.9
-77.5°	122.5	128.8	135.4	141.9	148.3	151.9	154.5	156.7	158.4	158.8	158.5
-80°	91.2	95.3	99.4	103.4	107.4	109.8	111.6	112.9	113.8	114.2	114.3
-82.5°	62.7	65.2	67.5	69.6	71.5	73.3	74.8	76.3	77.5	77.4	77.0
-85°	37.2	38.6	39.9	41.1	42.2	43.2	44.1	44.9	45.6	45.1	44.3
-87.5°	15.6	16.0	16.5	16.9	17.2	17.6	17.9	18.1	18.4	17.4	16.4
-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: P627609 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	15.3	14.2	14.3	14.3	14.3	14.2	15.3	16.4	17.4	18.4	18.1
85°	43.5	42.6	42.7	42.8	42.7	42.6	43.5	44.3	45.1	45.6	44.9
82.5°	76.5	75.7	76.0	76.1	76.0	75.7	76.5	77.0	77.4	77.5	76.3
80°	114.1	113.7	111.7	109.4	111.7	113.7	114.1	114.3	114.2	113.8	112.9
77.5°	157.6	156.3	154.5	152.2	154.5	156.3	157.6	158.5	158.8	158.4	156.7
75°	200.2	199.0	199.5	199.8	199.5	199.0	200.2	200.9	201.1	200.6	198.6
72.5°	242.7	241.7	242.3	242.6	242.3	241.7	242.7	243.1	243.0	241.9	239.4
70°	288.3	288.8	287.6	285.4	287.6	288.8	288.3	287.2	285.5	283.2	280.1
67.5°	332.4	331.8	330.4	328.2	330.4	331.8	332.4	331.9	330.5	327.7	323.5
65°	375.0	374.5	375.3	375.8	375.3	374.5	375.0	374.6	373.3	371.4	368.2
62.5°	421.8	421.8	420.7	418.6	420.7	421.8	421.8	420.7	418.6	415.7	412.3
60°	460.6	460.2	458.9	456.6	458.9	460.2	460.6	460.0	458.4	455.9	452.6
57.5°	494.2	493.7	492.3	489.9	492.3	493.7	494.2	493.8	492.5	489.6	486.3
55°	523.2	522.5	520.9	518.5	520.9	522.5	523.2	523.1	522.0	518.7	514.7
52.5°	551.7	551.1	551.3	551.8	551.3	551.1	551.7	551.3	549.9	546.8	542.1
50°	592.1	592.9	592.2	589.8	592.2	592.9	592.1	589.7	585.8	580.4	573.6
47.5°	640.5	640.8	639.6	637.4	639.6	640.8	640.5	637.8	632.3	624.2	614.2
45°	701.5	705.0	705.9	704.0	705.9	705.0	701.5	695.8	688.4	677.5	663.0
42.5°	784.1	789.5	791.1	789.6	791.1	789.5	784.1	774.1	761.2	745.2	728.2
40°	892.5	898.7	899.9	899.0	899.9	898.7	892.5	879.2	857.5	830.3	804.5
37.5°	1042.6	1057.6	1064.6	1065.5	1064.6	1057.6	1042.6	1019.1	985.6	941.7	904.5
35°	1264.0	1293.9	1309.9	1317.6	1309.9	1293.9	1264.0	1221.0	1164.4	1099.6	1040.5
32.5°	1609.2	1669.1	1702.2	1698.1	1702.2	1669.1	1609.2	1530.6	1427.0	1324.0	1229.7
30°	2173.2	2277.8	2330.4	2316.5	2330.4	2277.8	2173.2	2026.0	1830.7	1668.8	1501.5
27.5°	3074.3	3263.3	3372.6	3358.2	3372.6	3263.3	3074.3	2816.7	2458.1	2203.7	1896.2
25°	4526.1	4871.1	5092.0	5037.3	5092.0	4871.1	4526.1	4060.0	3502.5	3027.1	2486.1
22.5°	6734.6	7319.1	7706.0	7658.2	7706.0	7319.1	6734.6	5926.7	5083.9	4236.6	3438.5
20°	9764.2	10653.8	11289.0	11373.2	11289.0	10653.8	9764.2	8508.8	7270.8	5872.8	4732.7
17.5°	13735.3	15145.8	16127.7	16291.6	16127.7	15145.8	13735.3	11807.4	10022.7	8012.5	6243.8
15°	18896.2	21201.7	22870.2	23008.0	22870.2	21201.7	18896.2	16066.7	13327.8	10628.1	7970.1
12.5°	25904.1	30541.1	33567.3	34899.6	33567.3	30541.1	25904.1	21472.7	17058.4	13313.9	9994.4
10°	35602.6	46253.4	53074.4	55638.6	53074.4	46253.4	35602.6	28428.9	21593.0	16205.4	11921.5
7.5°	51802.1	68524.1	87114.7	95038.0	87114.7	68524.1	51802.1	35971.3	26589.5	19475.2	14031.9
5°	70146.6	104851.6	137862.2	150752.7	137862.2	104851.6	70146.6	48044.5	32157.6	22095.7	15528.7
2.5°	89449.9	137823.5	183153.3	200880.8	183153.3	137823.5	89449.9	55809.7	35598.7	23794.0	16660.5
0°	96988.3	152260.6	202134.2	222012.2	202134.2	152260.6	96988.3	57175.0	36402.7	24553.9	17176.3
-2.5°	89449.9	137823.5	183153.3	200880.8	183153.3	137823.5	89449.9	55809.7	35598.7	23794.0	16660.5
-5°	70146.6	104851.6	137862.2	150752.7	137862.2	104851.6	70146.6	48044.5	32157.6	22095.7	15528.7
-7.5°	51802.1	68524.1	87114.7	95038.0	87114.7	68524.1	51802.1	35971.3	26589.5	19475.2	14031.9
-10°	35602.6	46253.4	53074.4	55638.6	53074.4	46253.4	35602.6	28428.9	21593.0	16205.4	11921.5
-12.5°	25904.1	30541.1	33567.3	34899.6	33567.3	30541.1	25904.1	21472.7	17058.4	13313.9	9994.4
-15°	18896.2	21201.7	22870.2	23008.0	22870.2	21201.7	18896.2	16066.7	13327.8	10628.1	7970.1
-17.5°	13735.3	15145.8	16127.7	16291.6	16127.7	15145.8	13735.3	11807.4	10022.7	8012.5	6243.8
-20°	9764.2	10653.8	11289.0	11373.2	11289.0	10653.8	9764.2	8508.8	7270.8	5872.8	4732.7



REPORT NUMBER: P627609 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	6734.6	7319.1	7706.0	7658.2	7706.0	7319.1	6734.6	5926.7	5083.9	4236.6	3438.5
-25°	4526.1	4871.1	5092.0	5037.3	5092.0	4871.1	4526.1	4060.0	3502.5	3027.1	2486.1
-27.5°	3074.3	3263.3	3372.6	3358.2	3372.6	3263.3	3074.3	2816.7	2458.1	2203.7	1896.2
-30°	2173.2	2277.8	2330.4	2316.5	2330.4	2277.8	2173.2	2026.0	1830.7	1668.8	1501.5
-32.5°	1609.2	1669.1	1702.2	1698.1	1702.2	1669.1	1609.2	1530.6	1427.0	1324.0	1229.7
-35°	1264.0	1293.9	1309.9	1317.6	1309.9	1293.9	1264.0	1221.0	1164.4	1099.6	1040.5
-37.5°	1042.6	1057.6	1064.6	1065.5	1064.6	1057.6	1042.6	1019.1	985.6	941.7	904.5
-40°	892.5	898.7	899.9	899.0	899.9	898.7	892.5	879.2	857.5	830.3	804.5
-42.5°	784.1	789.5	791.1	789.6	791.1	789.5	784.1	774.1	761.2	745.2	728.2
-45°	701.5	705.0	705.9	704.0	705.9	705.0	701.5	695.8	688.4	677.5	663.0
-47.5°	640.5	640.8	639.6	637.4	639.6	640.8	640.5	637.8	632.3	624.2	614.2
-50°	592.1	592.9	592.2	589.8	592.2	592.9	592.1	589.7	585.8	580.4	573.6
-52.5°	551.7	551.1	551.3	551.8	551.3	551.1	551.7	551.3	549.9	546.8	542.1
-55°	523.2	522.5	520.9	518.5	520.9	522.5	523.2	523.1	522.0	518.7	514.7
-57.5°	494.2	493.7	492.3	489.9	492.3	493.7	494.2	493.8	492.5	489.6	486.3
-60°	460.6	460.2	458.9	456.6	458.9	460.2	460.6	460.0	458.4	455.9	452.6
-62.5°	421.8	421.8	420.7	418.6	420.7	421.8	421.8	420.7	418.6	415.7	412.3
-65°	375.0	374.5	375.3	375.8	375.3	374.5	375.0	374.6	373.3	371.4	368.2
-67.5°	332.4	331.8	330.4	328.2	330.4	331.8	332.4	331.9	330.5	327.7	323.5
-70°	288.3	288.8	287.6	285.4	287.6	288.8	288.3	287.2	285.5	283.2	280.1
-72.5°	242.7	241.7	242.3	242.6	242.3	241.7	242.7	243.1	243.0	241.9	239.4
-75°	200.2	199.0	199.5	199.8	199.5	199.0	200.2	200.9	201.1	200.6	198.6
-77.5°	157.6	156.3	154.5	152.2	154.5	156.3	157.6	158.5	158.8	158.4	156.7
-80°	114.1	113.7	111.7	109.4	111.7	113.7	114.1	114.3	114.2	113.8	112.9
-82.5°	76.5	75.7	76.0	76.1	76.0	75.7	76.5	77.0	77.4	77.5	76.3
-85°	43.5	42.6	42.7	42.8	42.7	42.6	43.5	44.3	45.1	45.6	44.9
-87.5°	15.3	14.2	14.3	14.3	14.3	14.2	15.3	16.4	17.4	18.4	18.1
-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: P627609 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	17.9	17.6	17.2	16.9	16.5	16.0	15.6	15.1	14.6	14.0	13.4
85°	44.1	43.2	42.2	41.1	39.9	38.6	37.2	35.0	32.9	30.8	28.9
82.5°	74.8	73.3	71.5	69.6	67.5	65.2	62.7	59.4	55.7	51.6	47.4
80°	111.6	109.8	107.4	103.4	99.4	95.3	91.2	87.3	83.1	78.8	74.1
77.5°	154.5	151.9	148.3	141.9	135.4	128.8	122.5	117.2	112.0	106.5	100.7
75°	196.1	193.2	189.0	182.2	174.4	165.4	157.3	150.6	143.5	136.0	128.2
72.5°	236.3	232.7	228.1	222.4	215.7	207.7	197.7	187.0	176.8	167.1	157.9
70°	276.4	272.1	267.4	261.8	255.0	247.3	237.4	225.3	211.7	198.3	188.3
67.5°	318.5	312.7	307.8	303.0	296.9	289.0	277.7	265.2	251.7	236.3	222.0
65°	363.5	357.0	350.8	345.0	338.3	330.7	319.0	305.3	290.7	275.3	259.2
62.5°	408.4	403.9	396.9	388.4	379.5	370.0	359.0	345.6	329.8	311.9	294.2
60°	448.3	442.8	434.8	426.5	418.0	407.4	393.4	381.0	370.4	350.2	328.9
57.5°	482.6	476.3	466.8	457.8	449.5	436.9	422.8	408.8	395.1	381.0	362.8
55°	509.8	503.1	494.5	484.4	473.1	461.5	448.4	433.5	418.9	406.1	389.3
52.5°	536.1	529.5	521.3	511.4	499.4	485.8	471.5	456.6	443.0	429.8	414.7
50°	566.5	558.2	548.9	538.8	525.7	511.1	495.7	479.7	465.7	452.2	437.9
47.5°	604.1	592.1	578.7	566.5	552.1	536.0	519.6	503.6	488.2	472.3	457.9
45°	649.0	632.7	615.2	598.6	580.1	562.5	543.7	527.0	510.5	493.4	475.6
42.5°	706.1	681.4	658.6	636.0	612.9	591.8	570.4	550.8	532.3	514.0	494.8
40°	776.0	742.8	712.6	679.4	651.1	623.6	599.0	574.6	554.0	534.1	513.0
37.5°	861.9	818.5	777.2	734.2	696.3	660.2	629.5	601.4	574.6	552.9	530.6
35°	972.0	912.7	853.5	799.9	748.7	704.2	663.3	629.5	599.0	571.0	547.6
32.5°	1120.6	1036.7	946.9	878.0	810.5	752.1	703.2	660.2	623.6	591.8	563.7
30°	1339.3	1201.6	1078.1	968.7	883.6	808.2	744.3	694.6	651.1	612.9	580.1
27.5°	1652.6	1416.0	1249.0	1088.0	963.6	872.3	795.2	730.0	678.8	636.0	598.3
25°	2096.8	1737.6	1448.0	1237.7	1068.5	938.9	848.1	772.5	709.8	658.3	612.9
22.5°	2705.6	2161.8	1717.2	1398.4	1189.5	1028.2	905.7	814.5	738.2	677.8	628.5
20°	3601.3	2667.7	2065.5	1628.1	1325.3	1113.9	965.6	858.4	770.2	698.1	642.1
17.5°	4664.3	3369.1	2446.7	1863.0	1484.4	1223.8	1035.1	898.7	799.2	715.8	653.2
15°	5797.3	4164.0	2979.4	2176.6	1646.9	1318.0	1093.0	934.4	826.8	735.3	666.9
12.5°	7244.2	5020.9	3446.6	2438.3	1806.7	1420.4	1160.2	979.7	854.0	756.3	681.2
10°	8612.9	5914.7	4015.2	2783.0	2001.2	1521.0	1219.8	1014.5	875.0	773.0	692.8
7.5°	9906.0	6773.9	4506.8	3045.4	2151.4	1601.1	1264.0	1039.7	890.0	784.7	701.7
5°	10853.8	7413.4	4891.6	3247.8	2257.6	1659.0	1292.8	1055.3	898.9	791.6	707.7
2.5°	11574.8	7837.1	5125.6	3366.5	2318.3	1693.3	1309.9	1067.3	907.6	797.1	714.4
0°	11905.9	8000.7	5203.8	3429.5	2354.5	1702.9	1317.6	1075.0	913.3	799.1	718.3
-2.5°	11574.8	7837.1	5125.6	3366.5	2318.3	1693.3	1309.9	1067.3	907.6	797.1	714.4
-5°	10853.8	7413.4	4891.6	3247.8	2257.6	1659.0	1292.8	1055.3	898.9	791.6	707.7
-7.5°	9906.0	6773.9	4506.8	3045.4	2151.4	1601.1	1264.0	1039.7	890.0	784.7	701.7
-10°	8612.9	5914.7	4015.2	2783.0	2001.2	1521.0	1219.8	1014.5	875.0	773.0	692.8
-12.5°	7244.2	5020.9	3446.6	2438.3	1806.7	1420.4	1160.2	979.7	854.0	756.3	681.2
-15°	5797.3	4164.0	2979.4	2176.6	1646.9	1318.0	1093.0	934.4	826.8	735.3	666.9
-17.5°	4664.3	3369.1	2446.7	1863.0	1484.4	1223.8	1035.1	898.7	799.2	715.8	653.2
-20°	3601.3	2667.7	2065.5	1628.1	1325.3	1113.9	965.6	858.4	770.2	698.1	642.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627609 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	2705.6	2161.8	1717.2	1398.4	1189.5	1028.2	905.7	814.5	738.2	677.8	628.5
-25°	2096.8	1737.6	1448.0	1237.7	1068.5	938.9	848.1	772.5	709.8	658.3	612.9
-27.5°	1652.6	1416.0	1249.0	1088.0	963.6	872.3	795.2	730.0	678.8	636.0	598.3
-30°	1339.3	1201.6	1078.1	968.7	883.6	808.2	744.3	694.6	651.1	612.9	580.1
-32.5°	1120.6	1036.7	946.9	878.0	810.5	752.1	703.2	660.2	623.6	591.8	563.7
-35°	972.0	912.7	853.5	799.9	748.7	704.2	663.3	629.5	599.0	571.0	547.6
-37.5°	861.9	818.5	777.2	734.2	696.3	660.2	629.5	601.4	574.6	552.9	530.6
-40°	776.0	742.8	712.6	679.4	651.1	623.6	599.0	574.6	554.0	534.1	513.0
-42.5°	706.1	681.4	658.6	636.0	612.9	591.8	570.4	550.8	532.3	514.0	494.8
-45°	649.0	632.7	615.2	598.6	580.1	562.5	543.7	527.0	510.5	493.4	475.6
-47.5°	604.1	592.1	578.7	566.5	552.1	536.0	519.6	503.6	488.2	472.3	457.9
-50°	566.5	558.2	548.9	538.8	525.7	511.1	495.7	479.7	465.7	452.2	437.9
-52.5°	536.1	529.5	521.3	511.4	499.4	485.8	471.5	456.6	443.0	429.8	414.7
-55°	509.8	503.1	494.5	484.4	473.1	461.5	448.4	433.5	418.9	406.1	389.3
-57.5°	482.6	476.3	466.8	457.8	449.5	436.9	422.8	408.8	395.1	381.0	362.8
-60°	448.3	442.8	434.8	426.5	418.0	407.4	393.4	381.0	370.4	350.2	328.9
-62.5°	408.4	403.9	396.9	388.4	379.5	370.0	359.0	345.6	329.8	311.9	294.2
-65°	363.5	357.0	350.8	345.0	338.3	330.7	319.0	305.3	290.7	275.3	259.2
-67.5°	318.5	312.7	307.8	303.0	296.9	289.0	277.7	265.2	251.7	236.3	222.0
-70°	276.4	272.1	267.4	261.8	255.0	247.3	237.4	225.3	211.7	198.3	188.3
-72.5°	236.3	232.7	228.1	222.4	215.7	207.7	197.7	187.0	176.8	167.1	157.9
-75°	196.1	193.2	189.0	182.2	174.4	165.4	157.3	150.6	143.5	136.0	128.2
-77.5°	154.5	151.9	148.3	141.9	135.4	128.8	122.5	117.2	112.0	106.5	100.7
-80°	111.6	109.8	107.4	103.4	99.4	95.3	91.2	87.3	83.1	78.8	74.1
-82.5°	74.8	73.3	71.5	69.6	67.5	65.2	62.7	59.4	55.7	51.6	47.4
-85°	44.1	43.2	42.2	41.1	39.9	38.6	37.2	35.0	32.9	30.8	28.9
-87.5°	17.9	17.6	17.2	16.9	16.5	16.0	15.6	15.1	14.6	14.0	13.4
-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: P627609 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	12.8	12.2	11.6	10.9	10.2	9.5	8.8	8.0	7.3	6.5	5.7
85°	27.8	26.5	24.9	23.2	21.1	19.0	17.5	16.0	14.5	13.0	11.4
82.5°	45.0	43.3	41.6	39.5	36.4	33.2	29.9	26.6	23.2	19.7	17.1
80°	69.7	65.4	61.3	57.1	52.3	47.4	43.0	38.5	34.0	29.4	24.6
77.5°	94.7	88.5	82.0	76.0	70.0	63.8	57.4	50.9	44.8	39.0	33.1
75°	120.1	112.5	104.7	96.7	88.4	80.0	72.4	64.6	56.7	48.6	41.5
72.5°	148.4	138.5	128.3	117.9	108.2	98.3	88.2	78.3	69.0	59.6	50.1
70°	177.8	165.6	153.4	141.8	129.5	116.6	105.0	93.2	81.2	70.5	59.6
67.5°	208.7	196.3	181.9	166.4	152.5	137.9	122.3	108.4	94.9	81.2	69.0
65°	242.6	227.0	212.1	194.2	176.6	159.7	142.7	124.3	108.4	93.2	78.3
62.5°	275.8	257.0	239.0	220.6	201.4	182.0	162.8	142.2	122.1	105.0	88.2
60°	308.5	287.7	265.4	244.5	224.4	203.9	182.2	159.5	137.5	116.6	98.3
57.5°	339.7	317.8	292.7	268.2	245.6	224.1	200.9	176.3	152.4	129.2	108.2
55°	368.7	344.3	318.2	291.5	266.2	242.7	218.5	192.4	166.7	141.8	117.6
52.5°	395.4	369.9	342.0	313.8	286.1	260.5	235.0	207.9	180.4	153.9	127.8
50°	420.3	395.3	365.7	335.3	305.0	278.0	251.2	222.8	193.6	165.4	137.8
47.5°	441.8	418.1	389.5	356.6	324.3	295.2	267.1	237.4	206.1	176.4	147.5
45°	459.4	439.3	411.7	378.7	344.0	313.1	282.7	251.6	218.9	187.0	156.7
42.5°	475.7	456.9	432.1	400.2	364.2	330.7	297.9	265.4	231.4	197.2	165.6
40°	492.4	472.5	451.0	418.9	383.1	347.6	313.3	278.9	243.4	207.2	174.0
37.5°	507.9	487.3	465.5	436.3	400.2	363.6	328.0	292.0	254.6	217.1	182.0
35°	523.7	500.6	478.0	450.0	415.0	378.1	342.0	304.5	265.2	226.4	189.6
32.5°	538.8	512.9	488.6	461.1	428.5	391.1	354.5	315.4	275.1	234.9	196.7
30°	552.5	524.5	498.7	471.9	440.1	402.5	365.0	325.3	284.3	242.7	203.4
27.5°	563.5	534.0	508.4	481.1	449.3	412.8	374.3	334.2	292.7	250.0	209.7
25°	574.5	542.9	516.1	489.5	457.9	423.1	382.9	342.1	300.2	256.8	215.4
22.5°	586.7	551.1	522.2	497.5	466.7	433.1	391.1	349.0	306.6	262.9	220.4
20°	597.4	558.2	526.7	503.8	473.8	440.5	399.0	355.2	312.1	268.3	224.9
17.5°	606.9	565.8	532.6	507.6	479.3	446.9	406.2	360.6	316.8	273.1	228.6
15°	616.8	573.8	538.0	510.6	483.7	452.2	412.7	365.4	320.6	277.1	232.0
12.5°	625.5	580.3	542.2	512.9	487.1	456.5	418.5	369.3	323.6	280.4	235.1
10°	632.9	585.3	545.4	514.6	489.5	459.8	423.5	373.1	326.7	283.0	237.7
7.5°	638.6	588.8	547.5	515.5	491.1	462.4	427.7	377.5	329.4	284.8	239.8
5°	642.7	591.5	550.7	518.4	493.1	464.5	430.6	381.0	331.4	285.7	241.3
2.5°	645.9	593.9	554.1	521.1	494.3	465.8	432.3	383.7	332.6	285.9	242.3
0°	646.9	594.6	556.5	523.2	494.7	466.2	432.9	385.3	333.0	285.4	242.6
-2.5°	645.9	593.9	554.1	521.1	494.3	465.8	432.3	383.7	332.6	285.9	242.3
-5°	642.7	591.5	550.7	518.4	493.1	464.5	430.6	381.0	331.4	285.7	241.3
-7.5°	638.6	588.8	547.5	515.5	491.1	462.4	427.7	377.5	329.4	284.8	239.8
-10°	632.9	585.3	545.4	514.6	489.5	459.8	423.5	373.1	326.7	283.0	237.7
-12.5°	625.5	580.3	542.2	512.9	487.1	456.5	418.5	369.3	323.6	280.4	235.1
-15°	616.8	573.8	538.0	510.6	483.7	452.2	412.7	365.4	320.6	277.1	232.0
-17.5°	606.9	565.8	532.6	507.6	479.3	446.9	406.2	360.6	316.8	273.1	228.6
-20°	597.4	558.2	526.7	503.8	473.8	440.5	399.0	355.2	312.1	268.3	224.9

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P627609 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	586.7	551.1	522.2	497.5	466.7	433.1	391.1	349.0	306.6	262.9	220.4
-25°	574.5	542.9	516.1	489.5	457.9	423.1	382.9	342.1	300.2	256.8	215.4
-27.5°	563.5	534.0	508.4	481.1	449.3	412.8	374.3	334.2	292.7	250.0	209.7
-30°	552.5	524.5	498.7	471.9	440.1	402.5	365.0	325.3	284.3	242.7	203.4
-32.5°	538.8	512.9	488.6	461.1	428.5	391.1	354.5	315.4	275.1	234.9	196.7
-35°	523.7	500.6	478.0	450.0	415.0	378.1	342.0	304.5	265.2	226.4	189.6
-37.5°	507.9	487.3	465.5	436.3	400.2	363.6	328.0	292.0	254.6	217.1	182.0
-40°	492.4	472.5	451.0	418.9	383.1	347.6	313.3	278.9	243.4	207.2	174.0
-42.5°	475.7	456.9	432.1	400.2	364.2	330.7	297.9	265.4	231.4	197.2	165.6
-45°	459.4	439.3	411.7	378.7	344.0	313.1	282.7	251.6	218.9	187.0	156.7
-47.5°	441.8	418.1	389.5	356.6	324.3	295.2	267.1	237.4	206.1	176.4	147.5
-50°	420.3	395.3	365.7	335.3	305.0	278.0	251.2	222.8	193.6	165.4	137.8
-52.5°	395.4	369.9	342.0	313.8	286.1	260.5	235.0	207.9	180.4	153.9	127.8
-55°	368.7	344.3	318.2	291.5	266.2	242.7	218.5	192.4	166.7	141.8	117.6
-57.5°	339.7	317.8	292.7	268.2	245.6	224.1	200.9	176.3	152.4	129.2	108.2
-60°	308.5	287.7	265.4	244.5	224.4	203.9	182.2	159.5	137.5	116.6	98.3
-62.5°	275.8	257.0	239.0	220.6	201.4	182.0	162.8	142.2	122.1	105.0	88.2
-65°	242.6	227.0	212.1	194.2	176.6	159.7	142.7	124.3	108.4	93.2	78.3
-67.5°	208.7	196.3	181.9	166.4	152.5	137.9	122.3	108.4	94.9	81.2	69.0
-70°	177.8	165.6	153.4	141.8	129.5	116.6	105.0	93.2	81.2	70.5	59.6
-72.5°	148.4	138.5	128.3	117.9	108.2	98.3	88.2	78.3	69.0	59.6	50.1
-75°	120.1	112.5	104.7	96.7	88.4	80.0	72.4	64.6	56.7	48.6	41.5
-77.5°	94.7	88.5	82.0	76.0	70.0	63.8	57.4	50.9	44.8	39.0	33.1
-80°	69.7	65.4	61.3	57.1	52.3	47.4	43.0	38.5	34.0	29.4	24.6
-82.5°	45.0	43.3	41.6	39.5	36.4	33.2	29.9	26.6	23.2	19.7	17.1
-85°	27.8	26.5	24.9	23.2	21.1	19.0	17.5	16.0	14.5	13.0	11.4
-87.5°	12.8	12.2	11.6	10.9	10.2	9.5	8.8	8.0	7.3	6.5	5.7
-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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REPORT NUMBER: P627609 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	4.9	4.1	3.3	2.5	1.7	0.7	0.0
85°	9.8	8.2	6.6	5.0	3.3	1.4	0.0
82.5°	14.7	12.3	9.9	7.4	4.9	2.2	0.0
80°	19.9	16.4	13.1	9.9	6.6	2.9	0.0
77.5°	27.1	21.0	16.4	12.3	8.2	3.6	0.0
75°	34.2	26.7	19.8	14.7	9.7	4.3	0.0
72.5°	41.2	32.4	24.1	17.1	11.3	5.0	0.0
70°	48.2	37.9	28.4	19.6	12.8	5.6	0.0
67.5°	56.2	43.3	32.5	22.6	14.3	6.3	0.0
65°	64.0	49.2	36.6	25.5	15.7	6.9	0.0
62.5°	71.6	55.5	40.6	28.4	17.0	7.6	0.0
60°	79.1	61.8	44.4	31.2	18.4	8.2	0.0
57.5°	87.3	67.8	49.2	33.9	20.1	8.7	0.0
55°	95.4	73.7	53.9	36.5	21.8	9.3	0.0
52.5°	103.3	79.6	58.4	39.0	23.4	9.8	0.0
50°	110.9	85.9	62.9	41.4	25.0	10.3	0.0
47.5°	118.3	92.0	67.1	43.8	26.5	10.8	0.0
45°	126.2	97.8	71.2	46.9	28.0	11.3	0.0
42.5°	133.8	103.4	75.0	49.8	29.5	11.7	0.0
40°	141.0	108.7	79.0	52.6	30.9	12.1	0.0
37.5°	147.9	113.7	83.0	55.4	32.2	12.5	0.0
35°	154.3	118.9	86.8	58.0	33.5	12.8	0.0
32.5°	160.4	123.9	90.3	60.4	34.6	13.1	0.0
30°	166.0	128.6	93.6	62.7	35.8	13.4	0.0
27.5°	171.2	132.9	96.8	64.8	36.8	13.6	0.0
25°	175.9	136.8	99.8	66.7	37.8	13.9	0.0
22.5°	180.2	140.4	102.5	68.5	38.7	14.0	0.0
20°	184.1	143.5	104.9	70.0	39.5	14.2	0.0
17.5°	187.3	146.1	107.1	71.5	40.3	14.3	0.0
15°	189.9	148.2	109.0	72.7	40.9	14.4	0.0
12.5°	192.0	149.9	110.6	73.7	41.5	14.5	0.0
10°	193.6	151.2	111.9	74.6	42.0	14.5	0.0
7.5°	194.7	152.1	112.9	75.2	42.3	14.5	0.0
5°	195.3	152.5	113.6	75.7	42.6	14.4	0.0
2.5°	195.4	152.5	114.1	76.0	42.7	14.4	0.0
0°	195.0	152.2	114.2	76.1	42.8	14.3	0.0
-2.5°	195.4	152.5	114.1	76.0	42.7	14.4	0.0
-5°	195.3	152.5	113.6	75.7	42.6	14.4	0.0
-7.5°	194.7	152.1	112.9	75.2	42.3	14.5	0.0
-10°	193.6	151.2	111.9	74.6	42.0	14.5	0.0
-12.5°	192.0	149.9	110.6	73.7	41.5	14.5	0.0
-15°	189.9	148.2	109.0	72.7	40.9	14.4	0.0
-17.5°	187.3	146.1	107.1	71.5	40.3	14.3	0.0
-20°	184.1	143.5	104.9	70.0	39.5	14.2	0.0

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CATALOG NUMBER: GFLD-SA5C-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	180.2	140.4	102.5	68.5	38.7	14.0	0.0
-25°	175.9	136.8	99.8	66.7	37.8	13.9	0.0
-27.5°	171.2	132.9	96.8	64.8	36.8	13.6	0.0
-30°	166.0	128.6	93.6	62.7	35.8	13.4	0.0
-32.5°	160.4	123.9	90.3	60.4	34.6	13.1	0.0
-35°	154.3	118.9	86.8	58.0	33.5	12.8	0.0
-37.5°	147.9	113.7	83.0	55.4	32.2	12.5	0.0
-40°	141.0	108.7	79.0	52.6	30.9	12.1	0.0
-42.5°	133.8	103.4	75.0	49.8	29.5	11.7	0.0
-45°	126.2	97.8	71.2	46.9	28.0	11.3	0.0
-47.5°	118.3	92.0	67.1	43.8	26.5	10.8	0.0
-50°	110.9	85.9	62.9	41.4	25.0	10.3	0.0
-52.5°	103.3	79.6	58.4	39.0	23.4	9.8	0.0
-55°	95.4	73.7	53.9	36.5	21.8	9.3	0.0
-57.5°	87.3	67.8	49.2	33.9	20.1	8.7	0.0
-60°	79.1	61.8	44.4	31.2	18.4	8.2	0.0
-62.5°	71.6	55.5	40.6	28.4	17.0	7.6	0.0
-65°	64.0	49.2	36.6	25.5	15.7	6.9	0.0
-67.5°	56.2	43.3	32.5	22.6	14.3	6.3	0.0
-70°	48.2	37.9	28.4	19.6	12.8	5.6	0.0
-72.5°	41.2	32.4	24.1	17.1	11.3	5.0	0.0
-75°	34.2	26.7	19.8	14.7	9.7	4.3	0.0
-77.5°	27.1	21.0	16.4	12.3	8.2	3.6	0.0
-80°	19.9	16.4	13.1	9.9	6.6	2.9	0.0
-82.5°	14.7	12.3	9.9	7.4	4.9	2.2	0.0
-85°	9.8	8.2	6.6	5.0	3.3	1.4	0.0
-87.5°	4.9	4.1	3.3	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)