

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: P627639 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-735-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627639 (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-735-U-NR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N118
Light Source: (80) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

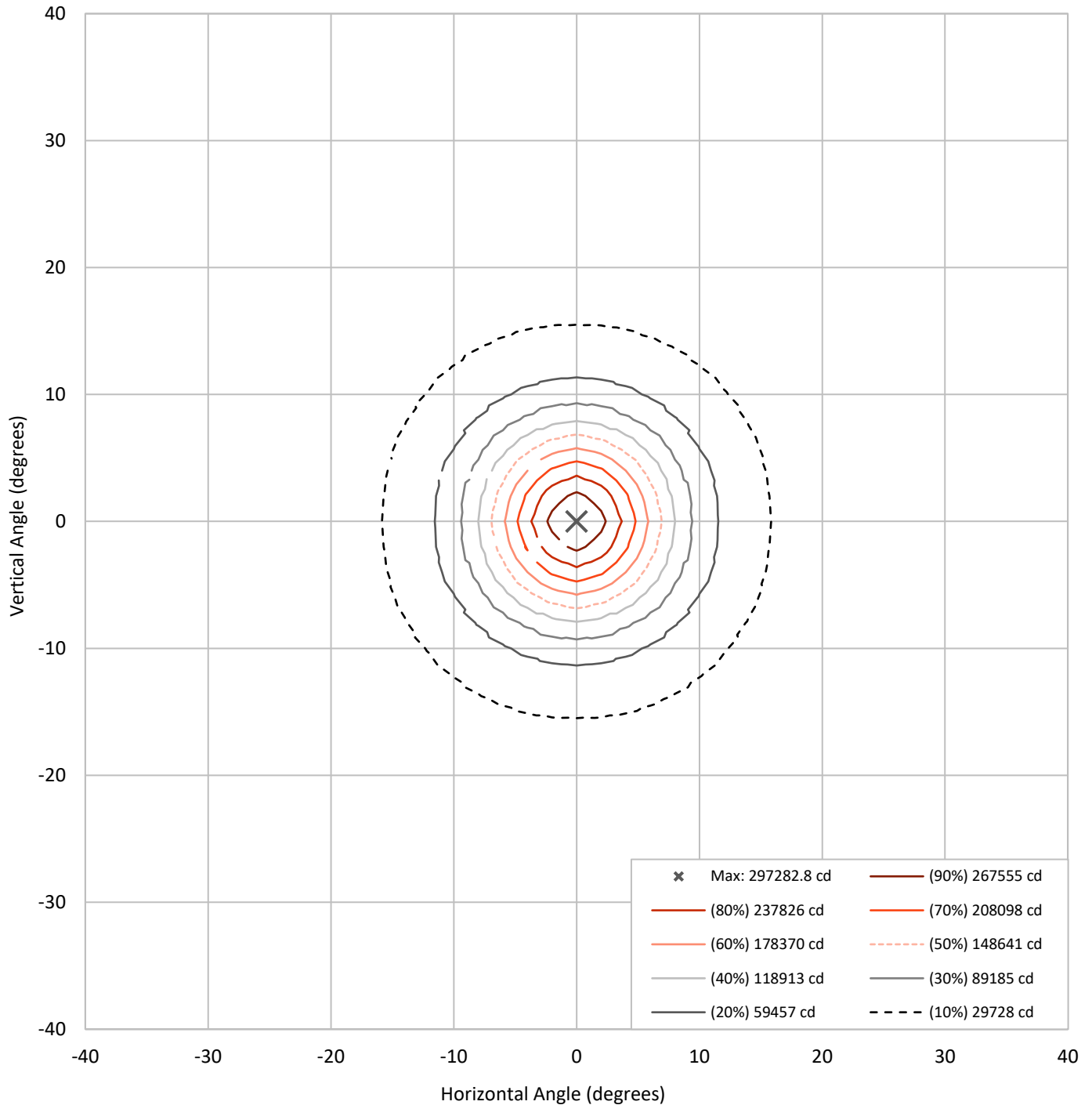
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	31567.1 lumens	Max Intensity:	297282.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	153.2 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:	9333 lumens	Field Lumens:	21003 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





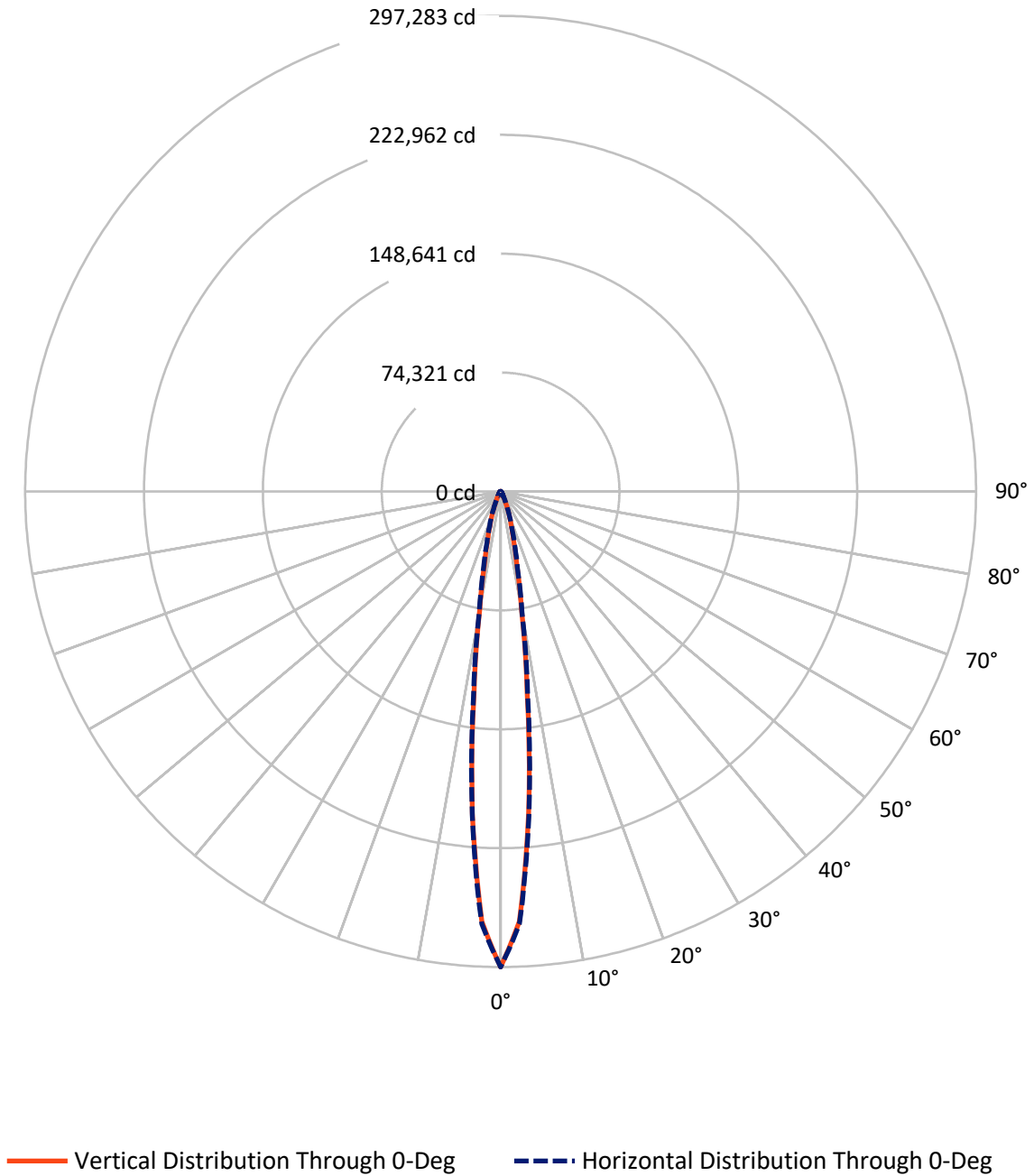
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Lumen Table

90	0.5	4.3	11.4	18.4	20.1	18.4	11.4	4.3	0.5							
80	0.5	4.3	11.4	18.4	20.1	18.4	11.4	4.3	0.5							
70	2.0	2.2	4.6	7.5	10.6	13.0	14.6	15.2	15.2	14.6	13.0	10.6	7.5	4.6	2.2	2.0
60		3.4	6.9	11.1	14.9	18.2	20.4	21.2	21.2	20.4	18.2	14.9	11.1	6.9	3.4	
50	3.4	4.4	8.9	13.7	18.2	22.9	27.0	29.1	29.1	27.0	22.9	18.2	13.7	8.9	4.4	3.4
40		5.3	10.4	15.8	22.4	32.3	45.5	56.3	56.3	45.5	32.3	22.4	15.8	10.4	5.3	
30	4.5	5.9	11.4	17.9	29.1	57.7	131.3	217.4	217.4	131.3	57.7	29.1	17.9	11.4	5.9	4.5
20		6.4	12.0	19.7	38.6	122.5	434.9	936.6	936.6	434.9	122.5	38.6	19.7	12.0	6.4	
10	4.8	6.6	12.3	20.9	46.6	201.8	945.4	4083.9	4083.9	945.4	201.8	46.6	20.9	12.3	6.6	4.8
0		6.6	12.3	20.9	46.6	201.8	945.4	4083.9	4083.9	945.4	201.8	46.6	20.9	12.3	6.6	
-10	4.5	6.4	12.0	19.7	38.6	122.5	434.9	936.6	936.6	434.9	122.5	38.6	19.7	12.0	6.4	4.5
-20		5.9	11.4	17.9	29.1	57.7	131.3	217.4	217.4	131.3	57.7	29.1	17.9	11.4	5.9	
-30	3.4	5.3	10.4	15.8	22.4	32.3	45.5	56.3	56.3	45.5	32.3	22.4	15.8	10.4	5.3	3.4
-40		4.4	8.9	13.7	18.2	22.9	27.0	29.1	29.1	27.0	22.9	18.2	13.7	8.9	4.4	
-50	2.0	3.4	6.9	11.1	14.9	18.2	20.4	21.2	21.2	20.4	18.2	14.9	11.1	6.9	3.4	2.0
-60		2.2	4.6	7.5	10.6	13.0	14.6	15.2	15.2	14.6	13.0	10.6	7.5	4.6	2.2	
-70	0.5	4.3	11.4	18.4	20.1	18.4	11.4	4.3	0.5							
-80		0.5	4.3	11.4	18.4	20.1	18.4	11.4	4.3	0.5						
-90	0.5	4.3	11.4	18.4	20.1	18.4	11.4	4.3	0.5							

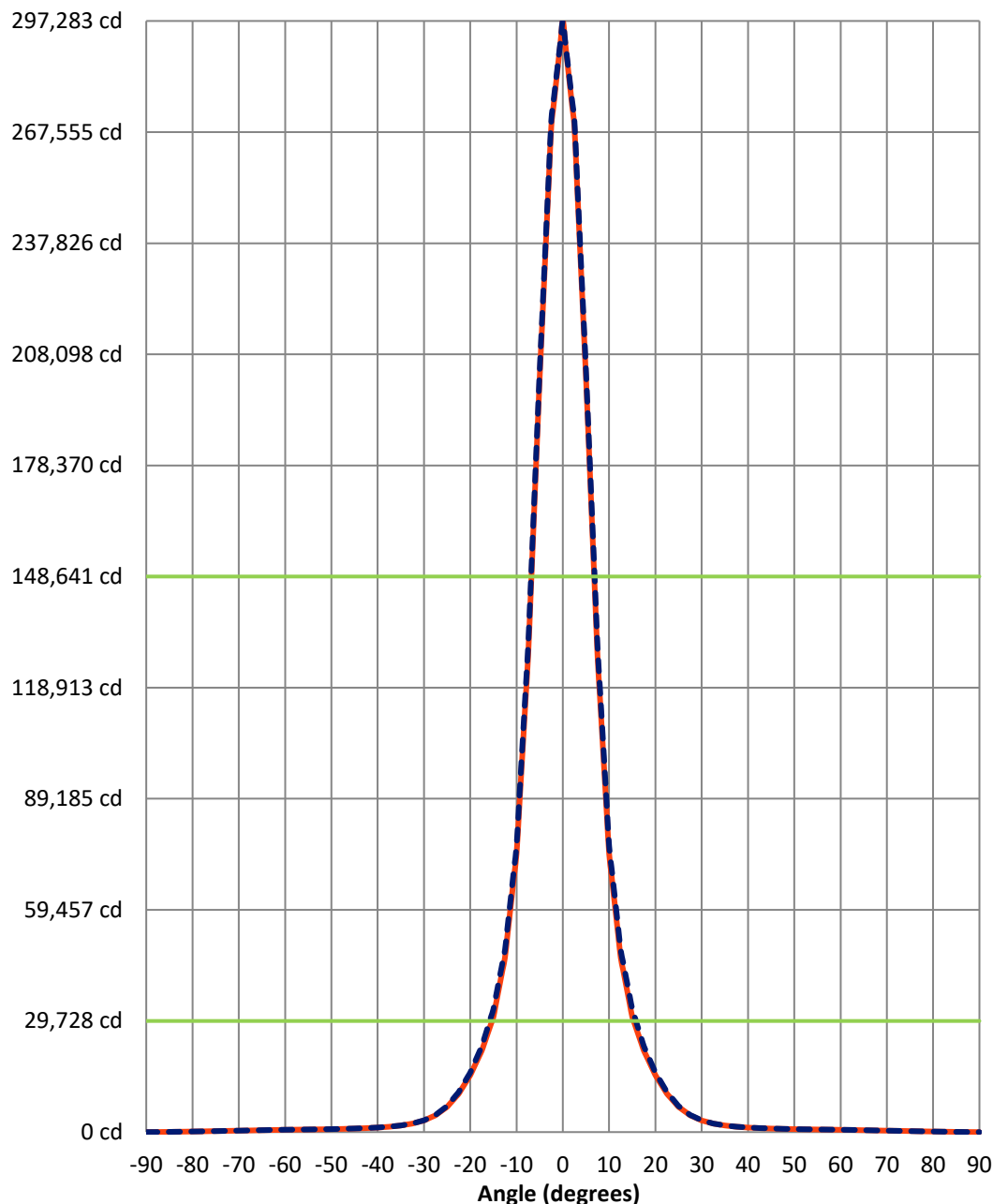
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 9333
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 21003
 Efficiency: 66.5%

Spill:
 Lumens: 10564
 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	1.0	2.2	3.3	4.4	5.5	6.6	7.7	8.7	9.8	10.8
85°	0.0	1.9	4.4	6.6	8.8	11.0	13.2	15.3	17.4	19.5	21.5
82.5°	0.0	2.9	6.6	10.0	13.2	16.5	19.7	22.9	26.4	31.0	35.6
80°	0.0	3.9	8.8	13.2	17.6	22.0	26.7	33.0	39.3	45.5	51.6
77.5°	0.0	4.8	11.0	16.5	22.0	28.2	36.3	44.3	52.2	59.9	68.1
75°	0.0	5.7	13.1	19.7	26.6	35.8	45.8	55.5	65.1	75.9	86.5
72.5°	0.0	6.7	15.1	22.9	32.3	43.4	55.2	67.1	79.8	92.4	104.8
70°	0.0	7.6	17.2	26.3	38.0	50.7	64.5	79.8	94.3	108.7	124.8
67.5°	0.0	8.4	19.1	30.3	43.6	57.9	75.2	92.4	108.7	127.1	145.1
65°	0.0	9.3	21.0	34.2	49.0	65.8	85.7	104.8	124.8	145.1	166.4
62.5°	0.0	10.1	22.9	38.1	54.3	74.3	95.9	118.1	140.6	163.5	190.3
60°	0.0	10.9	24.6	41.8	59.4	82.7	105.9	131.7	156.1	184.1	213.6
57.5°	0.0	11.7	26.9	45.4	65.8	90.8	116.9	144.8	173.0	204.0	236.0
55°	0.0	12.5	29.2	48.8	72.1	98.7	127.8	157.5	189.9	223.2	257.7
52.5°	0.0	13.2	31.4	52.2	78.3	106.5	138.3	171.2	206.1	241.7	278.4
50°	0.0	13.9	33.5	55.4	84.2	115.0	148.4	184.6	221.6	259.3	298.3
47.5°	0.0	14.5	35.5	58.7	89.8	123.2	158.4	197.5	236.3	276.0	317.8
45°	0.0	15.1	37.5	62.8	95.3	131.0	169.0	209.9	250.5	293.2	336.9
42.5°	0.0	15.7	39.5	66.7	100.5	138.4	179.2	221.8	264.1	309.9	355.4
40°	0.0	16.2	41.3	70.5	105.8	145.6	188.8	233.1	277.5	325.9	373.5
37.5°	0.0	16.7	43.1	74.1	111.2	152.3	198.0	243.8	290.8	341.0	390.9
35°	0.0	17.1	44.8	77.6	116.2	159.2	206.6	253.9	303.2	355.1	407.7
32.5°	0.0	17.6	46.4	80.9	121.0	165.9	214.7	263.4	314.6	368.3	422.4
30°	0.0	17.9	47.9	83.9	125.4	172.2	222.3	272.3	325.0	380.6	435.6
27.5°	0.0	18.3	49.3	86.7	129.7	177.9	229.2	280.8	334.7	392.0	447.6
25°	0.0	18.5	50.6	89.3	133.6	183.2	235.6	288.4	343.8	401.9	458.1
22.5°	0.0	18.8	51.8	91.7	137.2	188.0	241.3	295.1	352.0	410.5	467.3
20°	0.0	19.0	52.9	93.8	140.5	192.1	246.5	301.1	359.3	418.0	475.6
17.5°	0.0	19.1	53.9	95.7	143.4	195.6	250.7	306.1	365.6	424.2	482.9
15°	0.0	19.2	54.8	97.3	145.9	198.5	254.2	310.6	370.9	429.3	489.3
12.5°	0.0	19.3	55.6	98.7	148.0	200.8	257.0	314.8	375.4	433.2	494.5
10°	0.0	19.4	56.2	99.9	149.8	202.5	259.2	318.3	378.9	437.5	499.6
7.5°	0.0	19.4	56.7	100.7	151.1	203.6	260.7	321.1	381.3	441.0	505.5
5°	0.0	19.3	57.0	101.4	152.1	204.2	261.5	323.1	382.6	443.7	510.2
2.5°	0.0	19.2	57.2	101.8	152.7	204.3	261.6	324.4	382.9	445.3	513.7
0°	0.0	19.1	57.3	101.9	152.9	203.8	261.1	324.8	382.2	445.9	515.9
-2.5°	0.0	19.2	57.2	101.8	152.7	204.3	261.6	324.4	382.9	445.3	513.7
-5°	0.0	19.3	57.0	101.4	152.1	204.2	261.5	323.1	382.6	443.7	510.2
-7.5°	0.0	19.4	56.7	100.7	151.1	203.6	260.7	321.1	381.3	441.0	505.5
-10°	0.0	19.4	56.2	99.9	149.8	202.5	259.2	318.3	378.9	437.5	499.6
-12.5°	0.0	19.3	55.6	98.7	148.0	200.8	257.0	314.8	375.4	433.2	494.5
-15°	0.0	19.2	54.8	97.3	145.9	198.5	254.2	310.6	370.9	429.3	489.3
-17.5°	0.0	19.1	53.9	95.7	143.4	195.6	250.7	306.1	365.6	424.2	482.9
-20°	0.0	19.0	52.9	93.8	140.5	192.1	246.5	301.1	359.3	418.0	475.6

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA5C-735-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	18.8	51.8	91.7	137.2	188.0	241.3	295.1	352.0	410.5	467.3
-25°	0.0	18.5	50.6	89.3	133.6	183.2	235.6	288.4	343.8	401.9	458.1
-27.5°	0.0	18.3	49.3	86.7	129.7	177.9	229.2	280.8	334.7	392.0	447.6
-30°	0.0	17.9	47.9	83.9	125.4	172.2	222.3	272.3	325.0	380.6	435.6
-32.5°	0.0	17.6	46.4	80.9	121.0	165.9	214.7	263.4	314.6	368.3	422.4
-35°	0.0	17.1	44.8	77.6	116.2	159.2	206.6	253.9	303.2	355.1	407.7
-37.5°	0.0	16.7	43.1	74.1	111.2	152.3	198.0	243.8	290.8	341.0	390.9
-40°	0.0	16.2	41.3	70.5	105.8	145.6	188.8	233.1	277.5	325.9	373.5
-42.5°	0.0	15.7	39.5	66.7	100.5	138.4	179.2	221.8	264.1	309.9	355.4
-45°	0.0	15.1	37.5	62.8	95.3	131.0	169.0	209.9	250.5	293.2	336.9
-47.5°	0.0	14.5	35.5	58.7	89.8	123.2	158.4	197.5	236.3	276.0	317.8
-50°	0.0	13.9	33.5	55.4	84.2	115.0	148.4	184.6	221.6	259.3	298.3
-52.5°	0.0	13.2	31.4	52.2	78.3	106.5	138.3	171.2	206.1	241.7	278.4
-55°	0.0	12.5	29.2	48.8	72.1	98.7	127.8	157.5	189.9	223.2	257.7
-57.5°	0.0	11.7	26.9	45.4	65.8	90.8	116.9	144.8	173.0	204.0	236.0
-60°	0.0	10.9	24.6	41.8	59.4	82.7	105.9	131.7	156.1	184.1	213.6
-62.5°	0.0	10.1	22.9	38.1	54.3	74.3	95.9	118.1	140.6	163.5	190.3
-65°	0.0	9.3	21.0	34.2	49.0	65.8	85.7	104.8	124.8	145.1	166.4
-67.5°	0.0	8.4	19.1	30.3	43.6	57.9	75.2	92.4	108.7	127.1	145.1
-70°	0.0	7.6	17.2	26.3	38.0	50.7	64.5	79.8	94.3	108.7	124.8
-72.5°	0.0	6.7	15.1	22.9	32.3	43.4	55.2	67.1	79.8	92.4	104.8
-75°	0.0	5.7	13.1	19.7	26.6	35.8	45.8	55.5	65.1	75.9	86.5
-77.5°	0.0	4.8	11.0	16.5	22.0	28.2	36.3	44.3	52.2	59.9	68.1
-80°	0.0	3.9	8.8	13.2	17.6	22.0	26.7	33.0	39.3	45.5	51.6
-82.5°	0.0	2.9	6.6	10.0	13.2	16.5	19.7	22.9	26.4	31.0	35.6
-85°	0.0	1.9	4.4	6.6	8.8	11.0	13.2	15.3	17.4	19.5	21.5
-87.5°	0.0	1.0	2.2	3.3	4.4	5.5	6.6	7.7	8.7	9.8	10.8
-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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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°	11.8	12.7	13.7	14.6	15.5	16.4	17.2	18.0	18.8	19.5	20.2
85°	23.5	25.5	28.3	31.1	33.4	35.5	37.2	38.7	41.3	44.1	46.9
82.5°	40.1	44.5	48.7	52.9	55.7	58.0	60.2	63.5	69.1	74.5	79.4
80°	57.6	63.4	70.0	76.5	82.0	87.6	93.3	99.2	105.4	111.2	116.8
77.5°	76.8	85.3	93.6	101.7	109.8	118.4	126.8	134.8	142.6	149.9	156.9
75°	96.9	107.1	118.4	129.4	140.2	150.6	160.8	171.7	182.2	192.2	201.7
72.5°	118.1	131.7	144.9	157.8	171.8	185.5	198.7	211.5	223.9	236.9	250.5
70°	140.6	156.1	173.3	189.9	205.5	221.9	238.2	252.2	265.6	283.5	301.8
67.5°	163.7	184.7	204.2	222.9	243.6	262.9	279.5	297.4	316.5	337.1	355.2
65°	191.0	213.8	236.5	260.0	284.0	304.0	324.9	347.0	368.7	389.3	408.9
62.5°	217.9	243.6	269.7	295.4	320.1	344.1	369.3	394.0	417.7	441.7	462.8
60°	243.9	273.1	300.6	327.4	355.4	385.3	413.2	440.5	468.9	496.0	510.2
57.5°	269.0	300.1	328.9	359.1	391.9	425.6	454.9	485.8	510.2	529.0	547.4
55°	292.6	324.9	356.4	390.4	426.1	461.1	493.7	521.2	543.8	561.0	580.5
52.5°	314.6	348.7	383.1	420.2	458.0	495.4	529.5	555.3	575.5	593.2	611.5
50°	336.3	372.2	408.4	449.1	489.7	529.4	562.8	586.4	605.5	623.6	642.4
47.5°	357.6	395.3	434.3	477.6	521.5	559.9	591.5	613.1	632.4	653.7	674.3
45°	378.5	419.3	460.6	507.0	551.2	588.2	615.1	636.7	660.6	683.6	705.6
42.5°	398.9	442.9	487.7	535.8	578.5	611.9	636.9	662.5	688.2	712.7	737.6
40°	419.5	465.5	513.0	560.9	603.9	632.6	659.3	686.8	715.1	741.7	769.3
37.5°	439.3	486.9	535.8	584.3	623.3	652.4	680.0	710.5	740.3	769.4	805.2
35°	458.0	506.3	555.7	602.5	640.1	670.2	701.1	733.2	764.5	802.0	842.9
32.5°	474.7	523.7	573.8	617.5	654.2	686.8	721.4	754.8	792.4	834.9	884.0
30°	488.9	539.0	589.2	631.9	667.8	702.2	739.8	776.7	820.7	871.8	930.1
27.5°	501.3	552.7	601.6	644.3	680.8	715.0	754.6	801.1	851.6	908.9	977.4
25°	512.8	566.5	613.2	655.6	691.1	726.9	769.2	820.7	881.5	950.5	1034.4
22.5°	523.8	579.8	625.0	666.3	699.2	737.9	785.5	841.6	907.6	988.4	1090.6
20°	534.2	589.8	634.4	674.7	705.3	747.4	799.9	859.8	934.8	1031.2	1149.4
17.5°	543.9	598.3	641.8	679.7	713.2	757.6	812.6	874.6	958.5	1070.1	1203.4
15°	552.6	605.4	647.7	683.7	720.3	768.3	825.8	893.0	984.6	1107.1	1251.2
12.5°	560.4	611.2	652.3	686.8	726.0	777.0	837.6	912.1	1012.7	1143.5	1311.9
10°	567.0	615.6	655.4	689.0	730.3	783.7	847.4	927.7	1035.1	1171.7	1358.5
7.5°	572.6	619.2	657.6	690.2	733.0	788.4	855.0	939.5	1050.7	1191.7	1392.2
5°	576.6	622.0	660.3	694.1	737.3	792.1	860.6	947.7	1059.9	1203.6	1413.2
2.5°	578.9	623.6	661.9	697.8	742.0	795.2	864.8	956.6	1067.3	1215.2	1429.2
0°	579.6	624.2	662.4	700.6	745.2	796.2	866.2	961.8	1070.0	1222.9	1439.5
-2.5°	578.9	623.6	661.9	697.8	742.0	795.2	864.8	956.6	1067.3	1215.2	1429.2
-5°	576.6	622.0	660.3	694.1	737.3	792.1	860.6	947.7	1059.9	1203.6	1413.2
-7.5°	572.6	619.2	657.6	690.2	733.0	788.4	855.0	939.5	1050.7	1191.7	1392.2
-10°	567.0	615.6	655.4	689.0	730.3	783.7	847.4	927.7	1035.1	1171.7	1358.5
-12.5°	560.4	611.2	652.3	686.8	726.0	777.0	837.6	912.1	1012.7	1143.5	1311.9
-15°	552.6	605.4	647.7	683.7	720.3	768.3	825.8	893.0	984.6	1107.1	1251.2
-17.5°	543.9	598.3	641.8	679.7	713.2	757.6	812.6	874.6	958.5	1070.1	1203.4
-20°	534.2	589.8	634.4	674.7	705.3	747.4	799.9	859.8	934.8	1031.2	1149.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627639 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-735-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°	523.8	579.8	625.0	666.3	699.2	737.9	785.5	841.6	907.6	988.4	1090.6
-25°	512.8	566.5	613.2	655.6	691.1	726.9	769.2	820.7	881.5	950.5	1034.4
-27.5°	501.3	552.7	601.6	644.3	680.8	715.0	754.6	801.1	851.6	908.9	977.4
-30°	488.9	539.0	589.2	631.9	667.8	702.2	739.8	776.7	820.7	871.8	930.1
-32.5°	474.7	523.7	573.8	617.5	654.2	686.8	721.4	754.8	792.4	834.9	884.0
-35°	458.0	506.3	555.7	602.5	640.1	670.2	701.1	733.2	764.5	802.0	842.9
-37.5°	439.3	486.9	535.8	584.3	623.3	652.4	680.0	710.5	740.3	769.4	805.2
-40°	419.5	465.5	513.0	560.9	603.9	632.6	659.3	686.8	715.1	741.7	769.3
-42.5°	398.9	442.9	487.7	535.8	578.5	611.9	636.9	662.5	688.2	712.7	737.6
-45°	378.5	419.3	460.6	507.0	551.2	588.2	615.1	636.7	660.6	683.6	705.6
-47.5°	357.6	395.3	434.3	477.6	521.5	559.9	591.5	613.1	632.4	653.7	674.3
-50°	336.3	372.2	408.4	449.1	489.7	529.4	562.8	586.4	605.5	623.6	642.4
-52.5°	314.6	348.7	383.1	420.2	458.0	495.4	529.5	555.3	575.5	593.2	611.5
-55°	292.6	324.9	356.4	390.4	426.1	461.1	493.7	521.2	543.8	561.0	580.5
-57.5°	269.0	300.1	328.9	359.1	391.9	425.6	454.9	485.8	510.2	529.0	547.4
-60°	243.9	273.1	300.6	327.4	355.4	385.3	413.2	440.5	468.9	496.0	510.2
-62.5°	217.9	243.6	269.7	295.4	320.1	344.1	369.3	394.0	417.7	441.7	462.8
-65°	191.0	213.8	236.5	260.0	284.0	304.0	324.9	347.0	368.7	389.3	408.9
-67.5°	163.7	184.7	204.2	222.9	243.6	262.9	279.5	297.4	316.5	337.1	355.2
-70°	140.6	156.1	173.3	189.9	205.5	221.9	238.2	252.2	265.6	283.5	301.8
-72.5°	118.1	131.7	144.9	157.8	171.8	185.5	198.7	211.5	223.9	236.9	250.5
-75°	96.9	107.1	118.4	129.4	140.2	150.6	160.8	171.7	182.2	192.2	201.7
-77.5°	76.8	85.3	93.6	101.7	109.8	118.4	126.8	134.8	142.6	149.9	156.9
-80°	57.6	63.4	70.0	76.5	82.0	87.6	93.3	99.2	105.4	111.2	116.8
-82.5°	40.1	44.5	48.7	52.9	55.7	58.0	60.2	63.5	69.1	74.5	79.4
-85°	23.5	25.5	28.3	31.1	33.4	35.5	37.2	38.7	41.3	44.1	46.9
-87.5°	11.8	12.7	13.7	14.6	15.5	16.4	17.2	18.0	18.8	19.5	20.2
-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: P627639 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-735-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°	20.9	21.5	22.1	22.6	23.1	23.6	24.0	24.3	24.6	23.3	22.0
85°	49.8	51.7	53.4	55.0	56.5	57.9	59.1	60.2	61.1	60.3	59.4
82.5°	83.9	87.3	90.3	93.1	95.7	98.1	100.2	102.1	103.7	103.6	103.1
80°	122.1	127.6	133.1	138.5	143.8	147.0	149.4	151.1	152.3	152.9	153.0
77.5°	164.1	172.5	181.4	190.0	198.5	203.4	206.9	209.8	212.1	212.6	212.2
75°	210.6	221.6	233.6	244.1	253.2	258.8	262.7	266.0	268.6	269.3	269.0
72.5°	264.7	278.2	288.9	297.8	305.5	311.5	316.4	320.6	324.0	325.3	325.5
70°	317.9	331.2	341.4	350.5	358.0	364.3	370.1	375.1	379.2	382.3	384.5
67.5°	371.9	387.0	397.6	405.7	412.2	418.7	426.5	433.2	438.8	442.6	444.5
65°	427.2	442.9	453.1	462.0	469.8	478.1	486.7	493.1	497.2	499.8	501.5
62.5°	480.8	495.4	508.2	520.0	531.4	540.8	546.8	552.0	556.6	560.4	563.3
60°	526.8	545.5	559.8	571.1	582.2	592.9	600.2	606.0	610.5	613.8	615.9
57.5°	566.1	585.1	601.9	612.9	625.0	637.8	646.3	651.2	655.6	659.5	661.3
55°	600.4	618.0	633.5	648.5	662.1	673.6	682.6	689.2	694.6	699.0	700.5
52.5°	631.4	650.4	668.7	684.7	697.9	709.0	717.8	726.0	732.2	736.4	738.3
50°	663.8	684.4	703.9	721.4	735.0	747.4	758.5	768.1	777.2	784.4	789.7
47.5°	695.7	717.7	739.2	758.5	774.8	792.8	808.9	822.5	835.8	846.6	854.1
45°	727.9	753.2	776.7	801.5	823.7	847.2	869.0	887.8	907.2	921.8	931.7
42.5°	763.7	792.4	820.7	851.6	881.8	912.4	945.5	975.0	997.8	1019.3	1036.6
40°	802.0	834.9	871.8	909.7	954.2	994.6	1039.1	1077.3	1111.8	1148.3	1177.3
37.5°	842.9	884.0	932.4	983.1	1040.7	1096.0	1154.1	1211.2	1261.0	1319.7	1364.6
35°	888.1	943.0	1002.5	1071.1	1142.9	1222.2	1301.6	1393.3	1472.3	1559.2	1634.9
32.5°	941.6	1007.0	1085.2	1175.7	1267.9	1388.2	1500.5	1646.6	1772.9	1910.8	2049.6
30°	996.6	1082.2	1183.1	1297.1	1443.7	1609.0	1793.3	2010.6	2234.7	2451.4	2712.9
27.5°	1064.8	1168.1	1290.2	1456.9	1672.6	1896.0	2213.0	2539.2	2950.9	3291.5	3771.7
25°	1135.7	1257.2	1430.8	1657.4	1938.9	2326.8	2807.7	3329.0	4053.5	4690.0	5436.5
22.5°	1212.7	1376.8	1592.8	1872.5	2299.4	2894.8	3622.9	4604.3	5672.9	6807.5	7936.0
20°	1293.0	1491.6	1774.7	2180.1	2765.8	3572.1	4822.3	6337.3	7863.9	9735.9	11393.6
17.5°	1386.1	1638.7	1987.7	2494.6	3276.2	4511.4	6245.7	8360.7	10729.1	13420.8	15810.6
15°	1463.5	1764.8	2205.2	2914.6	3989.5	5575.7	7762.8	10672.3	14231.5	17846.4	21514.0
12.5°	1553.5	1902.0	2419.2	3265.1	4615.1	6723.2	9700.2	13382.9	17827.8	22841.9	28752.8
10°	1633.4	2036.7	2679.7	3726.6	5376.5	7919.9	11533.0	15963.4	21699.7	28913.8	38067.4
7.5°	1692.6	2143.9	2880.8	4077.9	6034.7	9070.5	13264.5	18789.2	26078.1	35604.3	48167.0
5°	1731.0	2221.5	3023.0	4348.9	6550.0	9926.8	14533.5	20793.5	29587.0	43060.3	64333.3
2.5°	1754.0	2267.4	3104.2	4507.9	6863.3	10494.2	15499.0	22309.1	31861.0	47668.0	74731.3
0°	1764.3	2280.2	3152.8	4592.3	6968.1	10713.2	15942.5	22999.7	32878.6	48744.6	76559.5
-2.5°	1754.0	2267.4	3104.2	4507.9	6863.3	10494.2	15499.0	22309.1	31861.0	47668.0	74731.3
-5°	1731.0	2221.5	3023.0	4348.9	6550.0	9926.8	14533.5	20793.5	29587.0	43060.3	64333.3
-7.5°	1692.6	2143.9	2880.8	4077.9	6034.7	9070.5	13264.5	18789.2	26078.1	35604.3	48167.0
-10°	1633.4	2036.7	2679.7	3726.6	5376.5	7919.9	11533.0	15963.4	21699.7	28913.8	38067.4
-12.5°	1553.5	1902.0	2419.2	3265.1	4615.1	6723.2	9700.2	13382.9	17827.8	22841.9	28752.8
-15°	1463.5	1764.8	2205.2	2914.6	3989.5	5575.7	7762.8	10672.3	14231.5	17846.4	21514.0
-17.5°	1386.1	1638.7	1987.7	2494.6	3276.2	4511.4	6245.7	8360.7	10729.1	13420.8	15810.6
-20°	1293.0	1491.6	1774.7	2180.1	2765.8	3572.1	4822.3	6337.3	7863.9	9735.9	11393.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627639 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1212.7	1376.8	1592.8	1872.5	2299.4	2894.8	3622.9	4604.3	5672.9	6807.5	7936.0
-25°	1135.7	1257.2	1430.8	1657.4	1938.9	2326.8	2807.7	3329.0	4053.5	4690.0	5436.5
-27.5°	1064.8	1168.1	1290.2	1456.9	1672.6	1896.0	2213.0	2539.2	2950.9	3291.5	3771.7
-30°	996.6	1082.2	1183.1	1297.1	1443.7	1609.0	1793.3	2010.6	2234.7	2451.4	2712.9
-32.5°	941.6	1007.0	1085.2	1175.7	1267.9	1388.2	1500.5	1646.6	1772.9	1910.8	2049.6
-35°	888.1	943.0	1002.5	1071.1	1142.9	1222.2	1301.6	1393.3	1472.3	1559.2	1634.9
-37.5°	842.9	884.0	932.4	983.1	1040.7	1096.0	1154.1	1211.2	1261.0	1319.7	1364.6
-40°	802.0	834.9	871.8	909.7	954.2	994.6	1039.1	1077.3	1111.8	1148.3	1177.3
-42.5°	763.7	792.4	820.7	851.6	881.8	912.4	945.5	975.0	997.8	1019.3	1036.6
-45°	727.9	753.2	776.7	801.5	823.7	847.2	869.0	887.8	907.2	921.8	931.7
-47.5°	695.7	717.7	739.2	758.5	774.8	792.8	808.9	822.5	835.8	846.6	854.1
-50°	663.8	684.4	703.9	721.4	735.0	747.4	758.5	768.1	777.2	784.4	789.7
-52.5°	631.4	650.4	668.7	684.7	697.9	709.0	717.8	726.0	732.2	736.4	738.3
-55°	600.4	618.0	633.5	648.5	662.1	673.6	682.6	689.2	694.6	699.0	700.5
-57.5°	566.1	585.1	601.9	612.9	625.0	637.8	646.3	651.2	655.6	659.5	661.3
-60°	526.8	545.5	559.8	571.1	582.2	592.9	600.2	606.0	610.5	613.8	615.9
-62.5°	480.8	495.4	508.2	520.0	531.4	540.8	546.8	552.0	556.6	560.4	563.3
-65°	427.2	442.9	453.1	462.0	469.8	478.1	486.7	493.1	497.2	499.8	501.5
-67.5°	371.9	387.0	397.6	405.7	412.2	418.7	426.5	433.2	438.8	442.6	444.5
-70°	317.9	331.2	341.4	350.5	358.0	364.3	370.1	375.1	379.2	382.3	384.5
-72.5°	264.7	278.2	288.9	297.8	305.5	311.5	316.4	320.6	324.0	325.3	325.5
-75°	210.6	221.6	233.6	244.1	253.2	258.8	262.7	266.0	268.6	269.3	269.0
-77.5°	164.1	172.5	181.4	190.0	198.5	203.4	206.9	209.8	212.1	212.6	212.2
-80°	122.1	127.6	133.1	138.5	143.8	147.0	149.4	151.1	152.3	152.9	153.0
-82.5°	83.9	87.3	90.3	93.1	95.7	98.1	100.2	102.1	103.7	103.6	103.1
-85°	49.8	51.7	53.4	55.0	56.5	57.9	59.1	60.2	61.1	60.3	59.4
-87.5°	20.9	21.5	22.1	22.6	23.1	23.6	24.0	24.3	24.6	23.3	22.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627639 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-735-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°	20.5	19.0	19.1	19.1	19.1	19.0	20.5	22.0	23.3	24.6	24.3
85°	58.3	57.0	57.2	57.3	57.2	57.0	58.3	59.4	60.3	61.1	60.2
82.5°	102.4	101.4	101.8	101.9	101.8	101.4	102.4	103.1	103.6	103.7	102.1
80°	152.8	152.2	149.6	146.5	149.6	152.2	152.8	153.0	152.9	152.3	151.1
77.5°	211.0	209.2	206.8	203.8	206.8	209.2	211.0	212.2	212.6	212.1	209.8
75°	268.0	266.4	267.1	267.5	267.1	266.4	268.0	269.0	269.3	268.6	266.0
72.5°	324.9	323.5	324.4	324.8	324.4	323.5	324.9	325.5	325.3	324.0	320.6
70°	386.0	386.7	385.1	382.2	385.1	386.7	386.0	384.5	382.3	379.2	375.1
67.5°	445.0	444.3	442.4	439.5	442.4	444.3	445.0	444.5	442.6	438.8	433.2
65°	502.1	501.5	502.6	503.2	502.6	501.5	502.1	501.5	499.8	497.2	493.1
62.5°	564.8	564.8	563.4	560.5	563.4	564.8	564.8	563.3	560.4	556.6	552.0
60°	616.7	616.2	614.5	611.5	614.5	616.2	616.7	615.9	613.8	610.5	606.0
57.5°	661.8	661.1	659.2	656.0	659.2	661.1	661.8	661.3	659.5	655.6	651.2
55°	700.7	699.7	697.6	694.3	697.6	699.7	700.7	700.5	699.0	694.6	689.2
52.5°	738.7	737.9	738.1	738.8	738.1	737.9	738.7	738.3	736.4	732.2	726.0
50°	792.8	793.9	793.0	789.8	793.0	793.9	792.8	789.7	784.4	777.2	768.1
47.5°	857.7	858.1	856.6	853.5	856.6	858.1	857.7	854.1	846.6	835.8	822.5
45°	939.4	944.0	945.2	942.7	945.2	944.0	939.4	931.7	921.8	907.2	887.8
42.5°	1050.0	1057.2	1059.3	1057.3	1059.3	1057.2	1050.0	1036.6	1019.3	997.8	975.0
40°	1195.1	1203.4	1205.0	1203.8	1205.0	1203.4	1195.1	1177.3	1148.3	1111.8	1077.3
37.5°	1396.1	1416.2	1425.6	1426.7	1425.6	1416.2	1396.1	1364.6	1319.7	1261.0	1211.2
35°	1692.6	1732.6	1754.0	1764.3	1754.0	1732.6	1692.6	1634.9	1559.2	1472.3	1393.3
32.5°	2154.8	2234.9	2279.3	2273.9	2279.3	2234.9	2154.8	2049.6	1910.8	1772.9	1646.6
30°	2909.9	3050.0	3120.5	3101.9	3120.5	3050.0	2909.9	2712.9	2451.4	2234.7	2010.6
27.5°	4116.5	4369.7	4516.1	4496.8	4516.1	4369.7	4116.5	3771.7	3291.5	2950.9	2539.2
25°	6060.6	6522.6	6818.4	6745.1	6818.4	6522.6	6060.6	5436.5	4690.0	4053.5	3329.0
22.5°	9018.0	9800.6	10318.6	10254.6	10318.6	9800.6	9018.0	7936.0	6807.5	5672.9	4604.3
20°	13074.6	14265.8	15116.4	15229.1	15116.4	14265.8	13074.6	11393.6	9735.9	7863.9	6337.3
17.5°	18392.0	20280.8	21595.6	21815.0	21595.6	20280.8	18392.0	15810.6	13420.8	10729.1	8360.7
15°	25302.8	28389.9	30624.2	30808.5	30624.2	28389.9	25302.8	21514.0	17846.4	14231.5	10672.3
12.5°	34686.6	40895.6	44947.9	46731.9	44947.9	40895.6	34686.6	28752.8	22841.9	17827.8	13382.9
10°	47673.3	61935.1	71068.6	74502.2	71068.6	61935.1	47673.3	38067.4	28913.8	21699.7	15963.4
7.5°	69365.0	91756.4	116649.8	127259.5	116649.8	91756.4	69365.0	48167.0	35604.3	26078.1	18789.2
5°	93929.1	140400.3	184602.7	201863.7	184602.7	140400.3	93929.1	64333.3	43060.3	29587.0	20793.5
2.5°	119776.9	184551.0	245249.3	268987.0	245249.3	184551.0	119776.9	74731.3	47668.0	31861.0	22309.1
0°	129871.0	203882.7	270665.4	297282.8	270665.4	203882.7	129871.0	76559.5	48744.6	32878.6	22999.7
-2.5°	119776.9	184551.0	245249.3	268987.0	245249.3	184551.0	119776.9	74731.3	47668.0	31861.0	22309.1
-5°	93929.1	140400.3	184602.7	201863.7	184602.7	140400.3	93929.1	64333.3	43060.3	29587.0	20793.5
-7.5°	69365.0	91756.4	116649.8	127259.5	116649.8	91756.4	69365.0	48167.0	35604.3	26078.1	18789.2
-10°	47673.3	61935.1	71068.6	74502.2	71068.6	61935.1	47673.3	38067.4	28913.8	21699.7	15963.4
-12.5°	34686.6	40895.6	44947.9	46731.9	44947.9	40895.6	34686.6	28752.8	22841.9	17827.8	13382.9
-15°	25302.8	28389.9	30624.2	30808.5	30624.2	28389.9	25302.8	21514.0	17846.4	14231.5	10672.3
-17.5°	18392.0	20280.8	21595.6	21815.0	21595.6	20280.8	18392.0	15810.6	13420.8	10729.1	8360.7
-20°	13074.6	14265.8	15116.4	15229.1	15116.4	14265.8	13074.6	11393.6	9735.9	7863.9	6337.3



REPORT NUMBER: P627639 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-735-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°	9018.0	9800.6	10318.6	10254.6	10318.6	9800.6	9018.0	7936.0	6807.5	5672.9	4604.3
-25°	6060.6	6522.6	6818.4	6745.1	6818.4	6522.6	6060.6	5436.5	4690.0	4053.5	3329.0
-27.5°	4116.5	4369.7	4516.1	4496.8	4516.1	4369.7	4116.5	3771.7	3291.5	2950.9	2539.2
-30°	2909.9	3050.0	3120.5	3101.9	3120.5	3050.0	2909.9	2712.9	2451.4	2234.7	2010.6
-32.5°	2154.8	2234.9	2279.3	2273.9	2279.3	2234.9	2154.8	2049.6	1910.8	1772.9	1646.6
-35°	1692.6	1732.6	1754.0	1764.3	1754.0	1732.6	1692.6	1634.9	1559.2	1472.3	1393.3
-37.5°	1396.1	1416.2	1425.6	1426.7	1425.6	1416.2	1396.1	1364.6	1319.7	1261.0	1211.2
-40°	1195.1	1203.4	1205.0	1203.8	1205.0	1203.4	1195.1	1177.3	1148.3	1111.8	1077.3
-42.5°	1050.0	1057.2	1059.3	1057.3	1059.3	1057.2	1050.0	1036.6	1019.3	997.8	975.0
-45°	939.4	944.0	945.2	942.7	945.2	944.0	939.4	931.7	921.8	907.2	887.8
-47.5°	857.7	858.1	856.6	853.5	856.6	858.1	857.7	854.1	846.6	835.8	822.5
-50°	792.8	793.9	793.0	789.8	793.0	793.9	792.8	789.7	784.4	777.2	768.1
-52.5°	738.7	737.9	738.1	738.8	738.1	737.9	738.7	738.3	736.4	732.2	726.0
-55°	700.7	699.7	697.6	694.3	697.6	699.7	700.7	700.5	699.0	694.6	689.2
-57.5°	661.8	661.1	659.2	656.0	659.2	661.1	661.8	661.3	659.5	655.6	651.2
-60°	616.7	616.2	614.5	611.5	614.5	616.2	616.7	615.9	613.8	610.5	606.0
-62.5°	564.8	564.8	563.4	560.5	563.4	564.8	564.8	563.3	560.4	556.6	552.0
-65°	502.1	501.5	502.6	503.2	502.6	501.5	502.1	501.5	499.8	497.2	493.1
-67.5°	445.0	444.3	442.4	439.5	442.4	444.3	445.0	444.5	442.6	438.8	433.2
-70°	386.0	386.7	385.1	382.2	385.1	386.7	386.0	384.5	382.3	379.2	375.1
-72.5°	324.9	323.5	324.4	324.8	324.4	323.5	324.9	325.5	325.3	324.0	320.6
-75°	268.0	266.4	267.1	267.5	267.1	266.4	268.0	269.0	269.3	268.6	266.0
-77.5°	211.0	209.2	206.8	203.8	206.8	209.2	211.0	212.2	212.6	212.1	209.8
-80°	152.8	152.2	149.6	146.5	149.6	152.2	152.8	153.0	152.9	152.3	151.1
-82.5°	102.4	101.4	101.8	101.9	101.8	101.4	102.4	103.1	103.6	103.7	102.1
-85°	58.3	57.0	57.2	57.3	57.2	57.0	58.3	59.4	60.3	61.1	60.2
-87.5°	20.5	19.0	19.1	19.1	19.1	19.0	20.5	22.0	23.3	24.6	24.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627639 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-735-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°	24.0	23.6	23.1	22.6	22.1	21.5	20.9	20.2	19.5	18.8	18.0
85°	59.1	57.9	56.5	55.0	53.4	51.7	49.8	46.9	44.1	41.3	38.7
82.5°	100.2	98.1	95.7	93.1	90.3	87.3	83.9	79.4	74.5	69.1	63.5
80°	149.4	147.0	143.8	138.5	133.1	127.6	122.1	116.8	111.2	105.4	99.2
77.5°	206.9	203.4	198.5	190.0	181.4	172.5	164.1	156.9	149.9	142.6	134.8
75°	262.7	258.8	253.2	244.1	233.6	221.6	210.6	201.7	192.2	182.2	171.7
72.5°	316.4	311.5	305.5	297.8	288.9	278.2	264.7	250.5	236.9	223.9	211.5
70°	370.1	364.3	358.0	350.5	341.4	331.2	317.9	301.8	283.5	265.6	252.2
67.5°	426.5	418.7	412.2	405.7	397.6	387.0	371.9	355.2	337.1	316.5	297.4
65°	486.7	478.1	469.8	462.0	453.1	442.9	427.2	408.9	389.3	368.7	347.0
62.5°	546.8	540.8	531.4	520.0	508.2	495.4	480.8	462.8	441.7	417.7	394.0
60°	600.2	592.9	582.2	571.1	559.8	545.5	526.8	510.2	496.0	468.9	440.5
57.5°	646.3	637.8	625.0	612.9	601.9	585.1	566.1	547.4	529.0	510.2	485.8
55°	682.6	673.6	662.1	648.5	633.5	618.0	600.4	580.5	561.0	543.8	521.2
52.5°	717.8	709.0	697.9	684.7	668.7	650.4	631.4	611.5	593.2	575.5	555.3
50°	758.5	747.4	735.0	721.4	703.9	684.4	663.8	642.4	623.6	605.5	586.4
47.5°	808.9	792.8	774.8	758.5	739.2	717.7	695.7	674.3	653.7	632.4	613.1
45°	869.0	847.2	823.7	801.5	776.7	753.2	727.9	705.6	683.6	660.6	636.7
42.5°	945.5	912.4	881.8	851.6	820.7	792.4	763.7	737.6	712.7	688.2	662.5
40°	1039.1	994.6	954.2	909.7	871.8	834.9	802.0	769.3	741.7	715.1	686.8
37.5°	1154.1	1096.0	1040.7	983.1	932.4	884.0	842.9	805.2	769.4	740.3	710.5
35°	1301.6	1222.2	1142.9	1071.1	1002.5	943.0	888.1	842.9	802.0	764.5	733.2
32.5°	1500.5	1388.2	1267.9	1175.7	1085.2	1007.0	941.6	884.0	834.9	792.4	754.8
30°	1793.3	1609.0	1443.7	1297.1	1183.1	1082.2	996.6	930.1	871.8	820.7	776.7
27.5°	2213.0	1896.0	1672.6	1456.9	1290.2	1168.1	1064.8	977.4	908.9	851.6	801.1
25°	2807.7	2326.8	1938.9	1657.4	1430.8	1257.2	1135.7	1034.4	950.5	881.5	820.7
22.5°	3622.9	2894.8	2299.4	1872.5	1592.8	1376.8	1212.7	1090.6	988.4	907.6	841.6
20°	4822.3	3572.1	2765.8	2180.1	1774.7	1491.6	1293.0	1149.4	1031.2	934.8	859.8
17.5°	6245.7	4511.4	3276.2	2494.6	1987.7	1638.7	1386.1	1203.4	1070.1	958.5	874.6
15°	7762.8	5575.7	3989.5	2914.6	2205.2	1764.8	1463.5	1251.2	1107.1	984.6	893.0
12.5°	9700.2	6723.2	4615.1	3265.1	2419.2	1902.0	1553.5	1311.9	1143.5	1012.7	912.1
10°	11533.0	7919.9	5376.5	3726.6	2679.7	2036.7	1633.4	1358.5	1171.7	1035.1	927.7
7.5°	13264.5	9070.5	6034.7	4077.9	2880.8	2143.9	1692.6	1392.2	1191.7	1050.7	939.5
5°	14533.5	9926.8	6550.0	4348.9	3023.0	2221.5	1731.0	1413.2	1203.6	1059.9	947.7
2.5°	15499.0	10494.2	6863.3	4507.9	3104.2	2267.4	1754.0	1429.2	1215.2	1067.3	956.6
0°	15942.5	10713.2	6968.1	4592.3	3152.8	2280.2	1764.3	1439.5	1222.9	1070.0	961.8
-2.5°	15499.0	10494.2	6863.3	4507.9	3104.2	2267.4	1754.0	1429.2	1215.2	1067.3	956.6
-5°	14533.5	9926.8	6550.0	4348.9	3023.0	2221.5	1731.0	1413.2	1203.6	1059.9	947.7
-7.5°	13264.5	9070.5	6034.7	4077.9	2880.8	2143.9	1692.6	1392.2	1191.7	1050.7	939.5
-10°	11533.0	7919.9	5376.5	3726.6	2679.7	2036.7	1633.4	1358.5	1171.7	1035.1	927.7
-12.5°	9700.2	6723.2	4615.1	3265.1	2419.2	1902.0	1553.5	1311.9	1143.5	1012.7	912.1
-15°	7762.8	5575.7	3989.5	2914.6	2205.2	1764.8	1463.5	1251.2	1107.1	984.6	893.0
-17.5°	6245.7	4511.4	3276.2	2494.6	1987.7	1638.7	1386.1	1203.4	1070.1	958.5	874.6
-20°	4822.3	3572.1	2765.8	2180.1	1774.7	1491.6	1293.0	1149.4	1031.2	934.8	859.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627639 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3622.9	2894.8	2299.4	1872.5	1592.8	1376.8	1212.7	1090.6	988.4	907.6	841.6
-25°	2807.7	2326.8	1938.9	1657.4	1430.8	1257.2	1135.7	1034.4	950.5	881.5	820.7
-27.5°	2213.0	1896.0	1672.6	1456.9	1290.2	1168.1	1064.8	977.4	908.9	851.6	801.1
-30°	1793.3	1609.0	1443.7	1297.1	1183.1	1082.2	996.6	930.1	871.8	820.7	776.7
-32.5°	1500.5	1388.2	1267.9	1175.7	1085.2	1007.0	941.6	884.0	834.9	792.4	754.8
-35°	1301.6	1222.2	1142.9	1071.1	1002.5	943.0	888.1	842.9	802.0	764.5	733.2
-37.5°	1154.1	1096.0	1040.7	983.1	932.4	884.0	842.9	805.2	769.4	740.3	710.5
-40°	1039.1	994.6	954.2	909.7	871.8	834.9	802.0	769.3	741.7	715.1	686.8
-42.5°	945.5	912.4	881.8	851.6	820.7	792.4	763.7	737.6	712.7	688.2	662.5
-45°	869.0	847.2	823.7	801.5	776.7	753.2	727.9	705.6	683.6	660.6	636.7
-47.5°	808.9	792.8	774.8	758.5	739.2	717.7	695.7	674.3	653.7	632.4	613.1
-50°	758.5	747.4	735.0	721.4	703.9	684.4	663.8	642.4	623.6	605.5	586.4
-52.5°	717.8	709.0	697.9	684.7	668.7	650.4	631.4	611.5	593.2	575.5	555.3
-55°	682.6	673.6	662.1	648.5	633.5	618.0	600.4	580.5	561.0	543.8	521.2
-57.5°	646.3	637.8	625.0	612.9	601.9	585.1	566.1	547.4	529.0	510.2	485.8
-60°	600.2	592.9	582.2	571.1	559.8	545.5	526.8	510.2	496.0	468.9	440.5
-62.5°	546.8	540.8	531.4	520.0	508.2	495.4	480.8	462.8	441.7	417.7	394.0
-65°	486.7	478.1	469.8	462.0	453.1	442.9	427.2	408.9	389.3	368.7	347.0
-67.5°	426.5	418.7	412.2	405.7	397.6	387.0	371.9	355.2	337.1	316.5	297.4
-70°	370.1	364.3	358.0	350.5	341.4	331.2	317.9	301.8	283.5	265.6	252.2
-72.5°	316.4	311.5	305.5	297.8	288.9	278.2	264.7	250.5	236.9	223.9	211.5
-75°	262.7	258.8	253.2	244.1	233.6	221.6	210.6	201.7	192.2	182.2	171.7
-77.5°	206.9	203.4	198.5	190.0	181.4	172.5	164.1	156.9	149.9	142.6	134.8
-80°	149.4	147.0	143.8	138.5	133.1	127.6	122.1	116.8	111.2	105.4	99.2
-82.5°	100.2	98.1	95.7	93.1	90.3	87.3	83.9	79.4	74.5	69.1	63.5
-85°	59.1	57.9	56.5	55.0	53.4	51.7	49.8	46.9	44.1	41.3	38.7
-87.5°	24.0	23.6	23.1	22.6	22.1	21.5	20.9	20.2	19.5	18.8	18.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627639 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-735-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°	17.2	16.4	15.5	14.6	13.7	12.7	11.8	10.8	9.8	8.7	7.7
85°	37.2	35.5	33.4	31.1	28.3	25.5	23.5	21.5	19.5	17.4	15.3
82.5°	60.2	58.0	55.7	52.9	48.7	44.5	40.1	35.6	31.0	26.4	22.9
80°	93.3	87.6	82.0	76.5	70.0	63.4	57.6	51.6	45.5	39.3	33.0
77.5°	126.8	118.4	109.8	101.7	93.6	85.3	76.8	68.1	59.9	52.2	44.3
75°	160.8	150.6	140.2	129.4	118.4	107.1	96.9	86.5	75.9	65.1	55.5
72.5°	198.7	185.5	171.8	157.8	144.9	131.7	118.1	104.8	92.4	79.8	67.1
70°	238.2	221.9	205.5	189.9	173.3	156.1	140.6	124.8	108.7	94.3	79.8
67.5°	279.5	262.9	243.6	222.9	204.2	184.7	163.7	145.1	127.1	108.7	92.4
65°	324.9	304.0	284.0	260.0	236.5	213.8	191.0	166.4	145.1	124.8	104.8
62.5°	369.3	344.1	320.1	295.4	269.7	243.6	217.9	190.3	163.5	140.6	118.1
60°	413.2	385.3	355.4	327.4	300.6	273.1	243.9	213.6	184.1	156.1	131.7
57.5°	454.9	425.6	391.9	359.1	328.9	300.1	269.0	236.0	204.0	173.0	144.8
55°	493.7	461.1	426.1	390.4	356.4	324.9	292.6	257.7	223.2	189.9	157.5
52.5°	529.5	495.4	458.0	420.2	383.1	348.7	314.6	278.4	241.7	206.1	171.2
50°	562.8	529.4	489.7	449.1	408.4	372.2	336.3	298.3	259.3	221.6	184.6
47.5°	591.5	559.9	521.5	477.6	434.3	395.3	357.6	317.8	276.0	236.3	197.5
45°	615.1	588.2	551.2	507.0	460.6	419.3	378.5	336.9	293.2	250.5	209.9
42.5°	636.9	611.9	578.5	535.8	487.7	442.9	398.9	355.4	309.9	264.1	221.8
40°	659.3	632.6	603.9	560.9	513.0	465.5	419.5	373.5	325.9	277.5	233.1
37.5°	680.0	652.4	623.3	584.3	535.8	486.9	439.3	390.9	341.0	290.8	243.8
35°	701.1	670.2	640.1	602.5	555.7	506.3	458.0	407.7	355.1	303.2	253.9
32.5°	721.4	686.8	654.2	617.5	573.8	523.7	474.7	422.4	368.3	314.6	263.4
30°	739.8	702.2	667.8	631.9	589.2	539.0	488.9	435.6	380.6	325.0	272.3
27.5°	754.6	715.0	680.8	644.3	601.6	552.7	501.3	447.6	392.0	334.7	280.8
25°	769.2	726.9	691.1	655.6	613.2	566.5	512.8	458.1	401.9	343.8	288.4
22.5°	785.5	737.9	699.2	666.3	625.0	579.8	523.8	467.3	410.5	352.0	295.1
20°	799.9	747.4	705.3	674.7	634.4	589.8	534.2	475.6	418.0	359.3	301.1
17.5°	812.6	757.6	713.2	679.7	641.8	598.3	543.9	482.9	424.2	365.6	306.1
15°	825.8	768.3	720.3	683.7	647.7	605.4	552.6	489.3	429.3	370.9	310.6
12.5°	837.6	777.0	726.0	686.8	652.3	611.2	560.4	494.5	433.2	375.4	314.8
10°	847.4	783.7	730.3	689.0	655.4	615.6	567.0	499.6	437.5	378.9	318.3
7.5°	855.0	788.4	733.0	690.2	657.6	619.2	572.6	505.5	441.0	381.3	321.1
5°	860.6	792.1	737.3	694.1	660.3	622.0	576.6	510.2	443.7	382.6	323.1
2.5°	864.8	795.2	742.0	697.8	661.9	623.6	578.9	513.7	445.3	382.9	324.4
0°	866.2	796.2	745.2	700.6	662.4	624.2	579.6	515.9	445.9	382.2	324.8
-2.5°	864.8	795.2	742.0	697.8	661.9	623.6	578.9	513.7	445.3	382.9	324.4
-5°	860.6	792.1	737.3	694.1	660.3	622.0	576.6	510.2	443.7	382.6	323.1
-7.5°	855.0	788.4	733.0	690.2	657.6	619.2	572.6	505.5	441.0	381.3	321.1
-10°	847.4	783.7	730.3	689.0	655.4	615.6	567.0	499.6	437.5	378.9	318.3
-12.5°	837.6	777.0	726.0	686.8	652.3	611.2	560.4	494.5	433.2	375.4	314.8
-15°	825.8	768.3	720.3	683.7	647.7	605.4	552.6	489.3	429.3	370.9	310.6
-17.5°	812.6	757.6	713.2	679.7	641.8	598.3	543.9	482.9	424.2	365.6	306.1
-20°	799.9	747.4	705.3	674.7	634.4	589.8	534.2	475.6	418.0	359.3	301.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627639 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-735-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°	785.5	737.9	699.2	666.3	625.0	579.8	523.8	467.3	410.5	352.0	295.1
-25°	769.2	726.9	691.1	655.6	613.2	566.5	512.8	458.1	401.9	343.8	288.4
-27.5°	754.6	715.0	680.8	644.3	601.6	552.7	501.3	447.6	392.0	334.7	280.8
-30°	739.8	702.2	667.8	631.9	589.2	539.0	488.9	435.6	380.6	325.0	272.3
-32.5°	721.4	686.8	654.2	617.5	573.8	523.7	474.7	422.4	368.3	314.6	263.4
-35°	701.1	670.2	640.1	602.5	555.7	506.3	458.0	407.7	355.1	303.2	253.9
-37.5°	680.0	652.4	623.3	584.3	535.8	486.9	439.3	390.9	341.0	290.8	243.8
-40°	659.3	632.6	603.9	560.9	513.0	465.5	419.5	373.5	325.9	277.5	233.1
-42.5°	636.9	611.9	578.5	535.8	487.7	442.9	398.9	355.4	309.9	264.1	221.8
-45°	615.1	588.2	551.2	507.0	460.6	419.3	378.5	336.9	293.2	250.5	209.9
-47.5°	591.5	559.9	521.5	477.6	434.3	395.3	357.6	317.8	276.0	236.3	197.5
-50°	562.8	529.4	489.7	449.1	408.4	372.2	336.3	298.3	259.3	221.6	184.6
-52.5°	529.5	495.4	458.0	420.2	383.1	348.7	314.6	278.4	241.7	206.1	171.2
-55°	493.7	461.1	426.1	390.4	356.4	324.9	292.6	257.7	223.2	189.9	157.5
-57.5°	454.9	425.6	391.9	359.1	328.9	300.1	269.0	236.0	204.0	173.0	144.8
-60°	413.2	385.3	355.4	327.4	300.6	273.1	243.9	213.6	184.1	156.1	131.7
-62.5°	369.3	344.1	320.1	295.4	269.7	243.6	217.9	190.3	163.5	140.6	118.1
-65°	324.9	304.0	284.0	260.0	236.5	213.8	191.0	166.4	145.1	124.8	104.8
-67.5°	279.5	262.9	243.6	222.9	204.2	184.7	163.7	145.1	127.1	108.7	92.4
-70°	238.2	221.9	205.5	189.9	173.3	156.1	140.6	124.8	108.7	94.3	79.8
-72.5°	198.7	185.5	171.8	157.8	144.9	131.7	118.1	104.8	92.4	79.8	67.1
-75°	160.8	150.6	140.2	129.4	118.4	107.1	96.9	86.5	75.9	65.1	55.5
-77.5°	126.8	118.4	109.8	101.7	93.6	85.3	76.8	68.1	59.9	52.2	44.3
-80°	93.3	87.6	82.0	76.5	70.0	63.4	57.6	51.6	45.5	39.3	33.0
-82.5°	60.2	58.0	55.7	52.9	48.7	44.5	40.1	35.6	31.0	26.4	22.9
-85°	37.2	35.5	33.4	31.1	28.3	25.5	23.5	21.5	19.5	17.4	15.3
-87.5°	17.2	16.4	15.5	14.6	13.7	12.7	11.8	10.8	9.8	8.7	7.7
-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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Scaled Data Report



REPORT NUMBER: P627639 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-735-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°	6.6	5.5	4.4	3.3	2.2	1.0	0.0
85°	13.2	11.0	8.8	6.6	4.4	1.9	0.0
82.5°	19.7	16.5	13.2	10.0	6.6	2.9	0.0
80°	26.7	22.0	17.6	13.2	8.8	3.9	0.0
77.5°	36.3	28.2	22.0	16.5	11.0	4.8	0.0
75°	45.8	35.8	26.6	19.7	13.1	5.7	0.0
72.5°	55.2	43.4	32.3	22.9	15.1	6.7	0.0
70°	64.5	50.7	38.0	26.3	17.2	7.6	0.0
67.5°	75.2	57.9	43.6	30.3	19.1	8.4	0.0
65°	85.7	65.8	49.0	34.2	21.0	9.3	0.0
62.5°	95.9	74.3	54.3	38.1	22.9	10.1	0.0
60°	105.9	82.7	59.4	41.8	24.6	10.9	0.0
57.5°	116.9	90.8	65.8	45.4	26.9	11.7	0.0
55°	127.8	98.7	72.1	48.8	29.2	12.5	0.0
52.5°	138.3	106.5	78.3	52.2	31.4	13.2	0.0
50°	148.4	115.0	84.2	55.4	33.5	13.9	0.0
47.5°	158.4	123.2	89.8	58.7	35.5	14.5	0.0
45°	169.0	131.0	95.3	62.8	37.5	15.1	0.0
42.5°	179.2	138.4	100.5	66.7	39.5	15.7	0.0
40°	188.8	145.6	105.8	70.5	41.3	16.2	0.0
37.5°	198.0	152.3	111.2	74.1	43.1	16.7	0.0
35°	206.6	159.2	116.2	77.6	44.8	17.1	0.0
32.5°	214.7	165.9	121.0	80.9	46.4	17.6	0.0
30°	222.3	172.2	125.4	83.9	47.9	17.9	0.0
27.5°	229.2	177.9	129.7	86.7	49.3	18.3	0.0
25°	235.6	183.2	133.6	89.3	50.6	18.5	0.0
22.5°	241.3	188.0	137.2	91.7	51.8	18.8	0.0
20°	246.5	192.1	140.5	93.8	52.9	19.0	0.0
17.5°	250.7	195.6	143.4	95.7	53.9	19.1	0.0
15°	254.2	198.5	145.9	97.3	54.8	19.2	0.0
12.5°	257.0	200.8	148.0	98.7	55.6	19.3	0.0
10°	259.2	202.5	149.8	99.9	56.2	19.4	0.0
7.5°	260.7	203.6	151.1	100.7	56.7	19.4	0.0
5°	261.5	204.2	152.1	101.4	57.0	19.3	0.0
2.5°	261.6	204.3	152.7	101.8	57.2	19.2	0.0
0°	261.1	203.8	152.9	101.9	57.3	19.1	0.0
-2.5°	261.6	204.3	152.7	101.8	57.2	19.2	0.0
-5°	261.5	204.2	152.1	101.4	57.0	19.3	0.0
-7.5°	260.7	203.6	151.1	100.7	56.7	19.4	0.0
-10°	259.2	202.5	149.8	99.9	56.2	19.4	0.0
-12.5°	257.0	200.8	148.0	98.7	55.6	19.3	0.0
-15°	254.2	198.5	145.9	97.3	54.8	19.2	0.0
-17.5°	250.7	195.6	143.4	95.7	53.9	19.1	0.0
-20°	246.5	192.1	140.5	93.8	52.9	19.0	0.0

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REPORT NUMBER: P627639 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	241.3	188.0	137.2	91.7	51.8	18.8	0.0
-25°	235.6	183.2	133.6	89.3	50.6	18.5	0.0
-27.5°	229.2	177.9	129.7	86.7	49.3	18.3	0.0
-30°	222.3	172.2	125.4	83.9	47.9	17.9	0.0
-32.5°	214.7	165.9	121.0	80.9	46.4	17.6	0.0
-35°	206.6	159.2	116.2	77.6	44.8	17.1	0.0
-37.5°	198.0	152.3	111.2	74.1	43.1	16.7	0.0
-40°	188.8	145.6	105.8	70.5	41.3	16.2	0.0
-42.5°	179.2	138.4	100.5	66.7	39.5	15.7	0.0
-45°	169.0	131.0	95.3	62.8	37.5	15.1	0.0
-47.5°	158.4	123.2	89.8	58.7	35.5	14.5	0.0
-50°	148.4	115.0	84.2	55.4	33.5	13.9	0.0
-52.5°	138.3	106.5	78.3	52.2	31.4	13.2	0.0
-55°	127.8	98.7	72.1	48.8	29.2	12.5	0.0
-57.5°	116.9	90.8	65.8	45.4	26.9	11.7	0.0
-60°	105.9	82.7	59.4	41.8	24.6	10.9	0.0
-62.5°	95.9	74.3	54.3	38.1	22.9	10.1	0.0
-65°	85.7	65.8	49.0	34.2	21.0	9.3	0.0
-67.5°	75.2	57.9	43.6	30.3	19.1	8.4	0.0
-70°	64.5	50.7	38.0	26.3	17.2	7.6	0.0
-72.5°	55.2	43.4	32.3	22.9	15.1	6.7	0.0
-75°	45.8	35.8	26.6	19.7	13.1	5.7	0.0
-77.5°	36.3	28.2	22.0	16.5	11.0	4.8	0.0
-80°	26.7	22.0	17.6	13.2	8.8	3.9	0.0
-82.5°	19.7	16.5	13.2	10.0	6.6	2.9	0.0
-85°	13.2	11.0	8.8	6.6	4.4	1.9	0.0
-87.5°	6.6	5.5	4.4	3.3	2.2	1.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)