

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: P627699 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-735-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627699 (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-SA5D-735-U-NR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N119
Light Source: (80) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

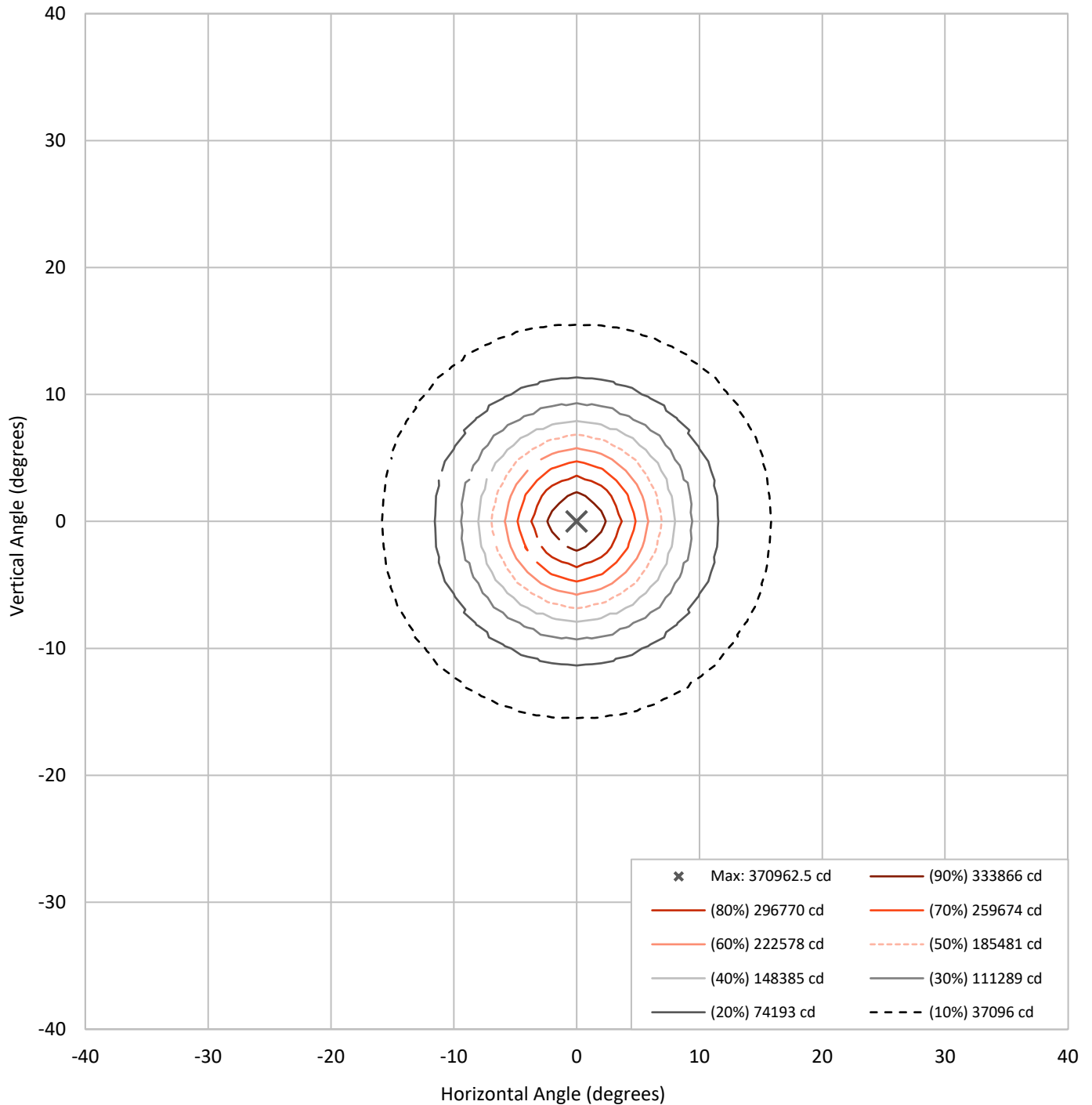
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	39390.8 lumens	Max Intensity:	370962.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	145.2 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:	11646.1 lumens	Field Lumens:	26208.5 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	271.3		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



REPORT NUMBER: P627699 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





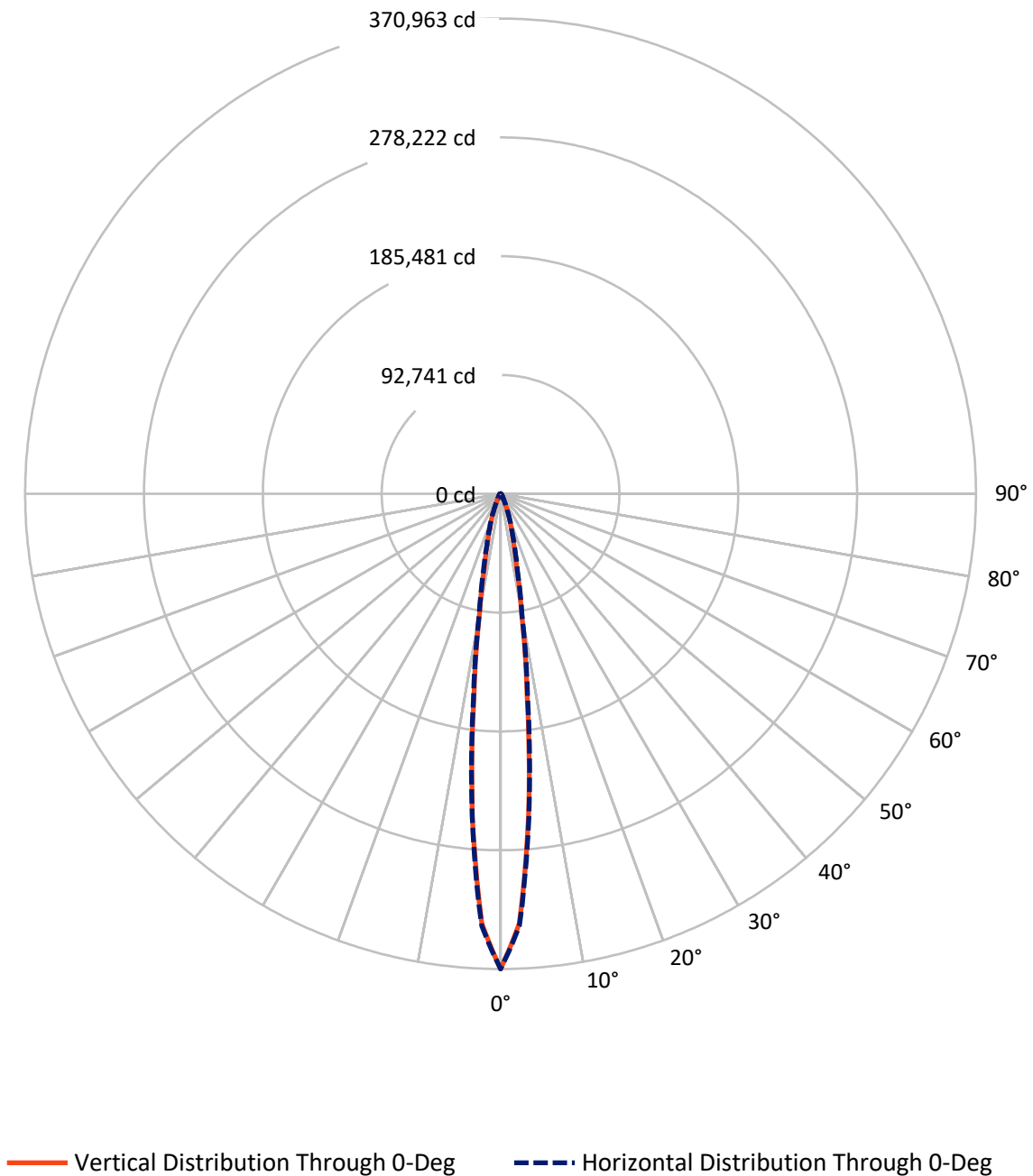
REPORT NUMBER: P627699 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90	0.7	5.4		14.2		22.9		25.0		22.9		14.2		5.4		0.7			
80	0.7	5.4		14.2		22.9		25.0		22.9		14.2		5.4		0.7			
70	2.4	2.7	5.7	9.3	13.2	16.2	18.2	19.0	19.0	18.2	16.2	13.2	9.3	5.7	2.7	2.4			
60		4.2	8.6	13.9	18.6	22.7	25.4	26.5	26.5	25.4	22.7	18.6	13.9	8.6	4.2				
50	4.3	5.5	11.1	17.1	22.8	28.6	33.7	36.4	36.4	33.7	28.6	22.8	17.1	11.1	5.5	4.3			
40		6.6	13.0	19.7	28.0	40.3	56.8	70.3	70.3	56.8	40.3	28.0	19.7	13.0	6.6				
30	5.6	7.4	14.2	22.3	36.3	72.0	163.9	271.3	271.3	163.9	72.0	36.3	22.3	14.2	7.4	5.6			
20		8.0	15.0	24.5	48.1	152.8	542.7	1168.8	1168.8	542.7	152.8	48.1	24.5	15.0	8.0				
10	6.0	8.3	15.3	26.1	58.2	251.9	1179.7	5096.1	5096.1	1179.7	251.9	58.2	26.1	15.3	8.3	6.0			
0		8.3	15.3	26.1	58.2	251.9	1179.7	5096.1	5096.1	1179.7	251.9	58.2	26.1	15.3	8.3				
-10	5.6	8.0	15.0	24.5	48.1	152.8	542.7	1168.8	1168.8	542.7	152.8	48.1	24.5	15.0	8.0	5.6			
-20		7.4	14.2	22.3	36.3	72.0	163.9	271.3	271.3	163.9	72.0	36.3	22.3	14.2	7.4				
-30	4.3	6.6	13.0	19.7	28.0	40.3	56.8	70.3	70.3	56.8	40.3	28.0	19.7	13.0	6.6	4.3			
-40		5.5	11.1	17.1	22.8	28.6	33.7	36.4	36.4	33.7	28.6	22.8	17.1	11.1	5.5				
-50	2.4	4.2	8.6	13.9	18.6	22.7	25.4	26.5	26.5	25.4	22.7	18.6	13.9	8.6	4.2	2.4			
-60		2.7	5.7	9.3	13.2	16.2	18.2	19.0	19.0	18.2	16.2	13.2	9.3	5.7	2.7				
-70	0.7	5.4		14.2		22.9		25.0		22.9		14.2		5.4		0.7			
-80		5.4		14.2		22.9		25.0		22.9		14.2		5.4					
-90	0.7	5.4		14.2		22.9		25.0		22.9		14.2		5.4		0.7			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

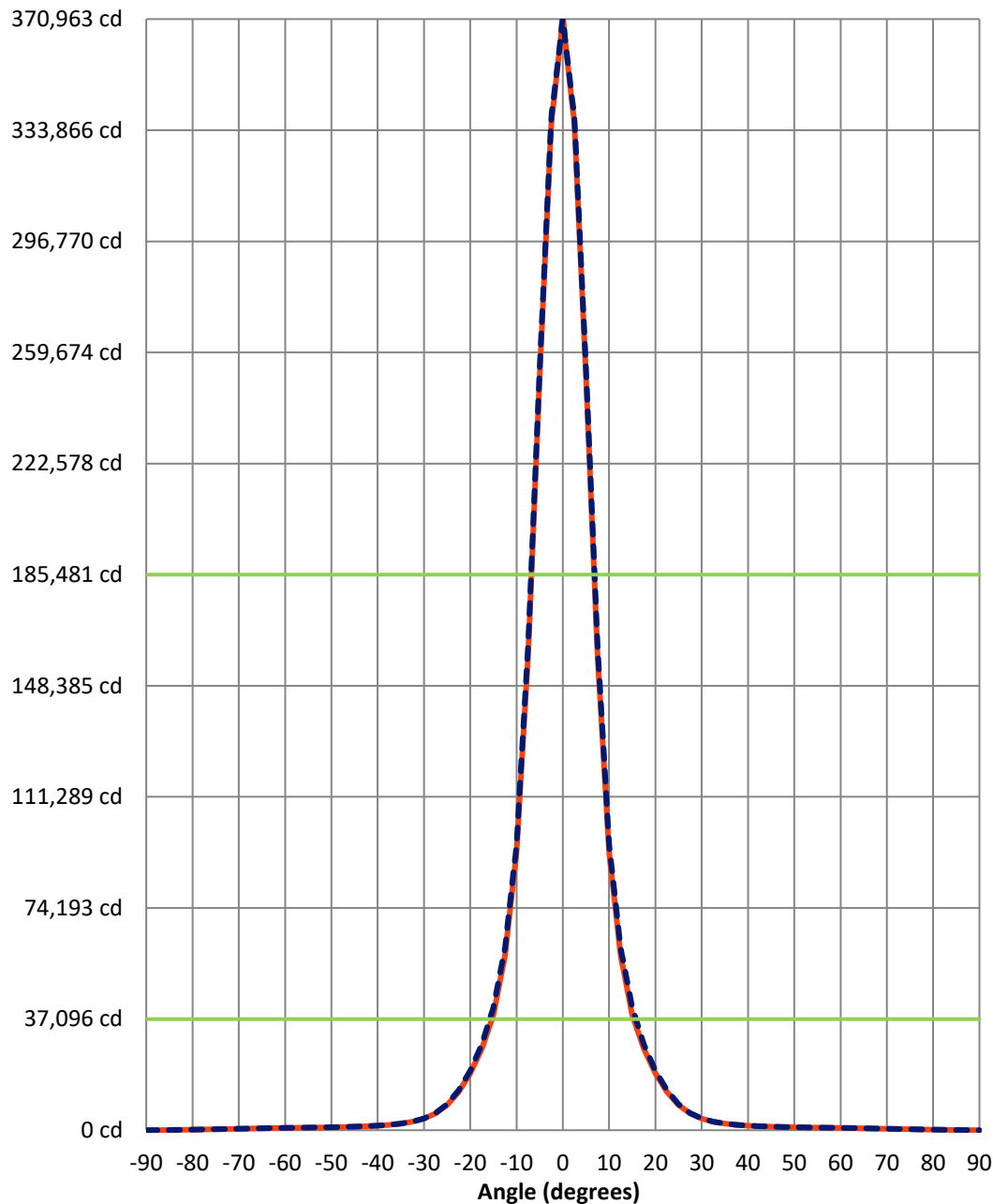
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 11646.1
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 26208.5
 Efficiency: 66.5%

Spill:
 Lumens: 13182.3
 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	1.2	2.8	4.1	5.5	6.9	8.2	9.6	10.9	12.2	13.4
85°	0.0	2.4	5.5	8.3	11.0	13.7	16.4	19.1	21.7	24.3	26.9
82.5°	0.0	3.6	8.3	12.4	16.5	20.6	24.6	28.6	32.9	38.7	44.4
80°	0.0	4.8	11.0	16.5	22.0	27.4	33.2	41.2	49.1	56.8	64.4
77.5°	0.0	6.0	13.7	20.6	27.4	35.2	45.3	55.3	65.1	74.8	85.0
75°	0.0	7.2	16.3	24.6	33.1	44.7	57.2	69.3	81.2	94.7	108.0
72.5°	0.0	8.3	18.9	28.6	40.3	54.1	68.9	83.7	99.6	115.3	130.7
70°	0.0	9.4	21.4	32.8	47.4	63.3	80.6	99.6	117.7	135.6	155.7
67.5°	0.0	10.5	23.8	37.8	54.4	72.3	93.8	115.3	135.6	158.5	181.1
65°	0.0	11.6	26.2	42.7	61.2	82.1	106.9	130.7	155.7	181.1	207.7
62.5°	0.0	12.6	28.5	47.5	67.7	92.8	119.7	147.3	175.5	204.1	237.5
60°	0.0	13.6	30.7	52.1	74.1	103.2	132.1	164.3	194.8	229.8	266.5
57.5°	0.0	14.6	33.6	56.6	82.1	113.3	145.9	180.8	215.9	254.6	294.5
55°	0.0	15.5	36.4	60.9	90.0	123.2	159.4	196.6	236.9	278.5	321.6
52.5°	0.0	16.4	39.1	65.1	97.7	132.9	172.6	213.6	257.1	301.6	347.5
50°	0.0	17.3	41.8	69.1	105.0	143.5	185.2	230.3	276.4	323.5	372.3
47.5°	0.0	18.1	44.3	73.3	112.1	153.7	197.7	246.4	294.8	344.5	396.6
45°	0.0	18.8	46.8	78.3	118.9	163.4	210.9	261.9	312.6	365.8	420.3
42.5°	0.0	19.5	49.2	83.2	125.4	172.8	223.6	276.7	329.6	386.6	443.5
40°	0.0	20.2	51.6	88.0	132.0	181.7	235.6	290.8	346.2	406.7	466.0
37.5°	0.0	20.8	53.8	92.5	138.7	190.1	247.1	304.2	362.8	425.4	487.8
35°	0.0	21.4	55.9	96.9	145.1	198.6	257.8	316.8	378.3	443.0	508.7
32.5°	0.0	21.9	57.9	100.9	151.0	207.0	267.9	328.7	392.5	459.6	527.0
30°	0.0	22.3	59.8	104.7	156.5	214.8	277.3	339.8	405.6	474.9	543.6
27.5°	0.0	22.7	61.5	108.2	161.8	222.0	286.0	350.3	417.6	489.1	558.5
25°	0.0	23.1	63.2	111.5	166.8	228.6	294.0	359.8	429.0	501.5	571.7
22.5°	0.0	23.4	64.7	114.4	171.3	234.5	301.1	368.3	439.2	512.2	583.1
20°	0.0	23.7	66.1	117.1	175.3	239.7	307.6	375.7	448.3	521.5	593.5
17.5°	0.0	23.8	67.3	119.4	178.9	244.1	312.9	382.0	456.2	529.3	602.6
15°	0.0	24.0	68.4	121.5	182.0	247.7	317.2	387.6	462.9	535.7	610.5
12.5°	0.0	24.1	69.3	123.2	184.7	250.5	320.7	392.8	468.5	540.6	617.1
10°	0.0	24.1	70.1	124.6	186.9	252.7	323.4	397.1	472.8	545.9	623.4
7.5°	0.0	24.1	70.7	125.8	188.6	254.1	325.3	400.6	475.8	550.3	630.8
5°	0.0	24.1	71.1	126.6	189.8	254.8	326.3	403.2	477.4	553.6	636.7
2.5°	0.0	24.0	71.4	127.0	190.6	254.9	326.5	404.8	477.8	555.7	641.1
0°	0.0	23.8	71.5	127.2	190.8	254.3	325.9	405.3	476.9	556.4	643.8
-2.5°	0.0	24.0	71.4	127.0	190.6	254.9	326.5	404.8	477.8	555.7	641.1
-5°	0.0	24.1	71.1	126.6	189.8	254.8	326.3	403.2	477.4	553.6	636.7
-7.5°	0.0	24.1	70.7	125.8	188.6	254.1	325.3	400.6	475.8	550.3	630.8
-10°	0.0	24.1	70.1	124.6	186.9	252.7	323.4	397.1	472.8	545.9	623.4
-12.5°	0.0	24.1	69.3	123.2	184.7	250.5	320.7	392.8	468.5	540.6	617.1
-15°	0.0	24.0	68.4	121.5	182.0	247.7	317.2	387.6	462.9	535.7	610.5
-17.5°	0.0	23.8	67.3	119.4	178.9	244.1	312.9	382.0	456.2	529.3	602.6
-20°	0.0	23.7	66.1	117.1	175.3	239.7	307.6	375.7	448.3	521.5	593.5

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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	23.4	64.7	114.4	171.3	234.5	301.1	368.3	439.2	512.2	583.1
-25°	0.0	23.1	63.2	111.5	166.8	228.6	294.0	359.8	429.0	501.5	571.7
-27.5°	0.0	22.7	61.5	108.2	161.8	222.0	286.0	350.3	417.6	489.1	558.5
-30°	0.0	22.3	59.8	104.7	156.5	214.8	277.3	339.8	405.6	474.9	543.6
-32.5°	0.0	21.9	57.9	100.9	151.0	207.0	267.9	328.7	392.5	459.6	527.0
-35°	0.0	21.4	55.9	96.9	145.1	198.6	257.8	316.8	378.3	443.0	508.7
-37.5°	0.0	20.8	53.8	92.5	138.7	190.1	247.1	304.2	362.8	425.4	487.8
-40°	0.0	20.2	51.6	88.0	132.0	181.7	235.6	290.8	346.2	406.7	466.0
-42.5°	0.0	19.5	49.2	83.2	125.4	172.8	223.6	276.7	329.6	386.6	443.5
-45°	0.0	18.8	46.8	78.3	118.9	163.4	210.9	261.9	312.6	365.8	420.3
-47.5°	0.0	18.1	44.3	73.3	112.1	153.7	197.7	246.4	294.8	344.5	396.6
-50°	0.0	17.3	41.8	69.1	105.0	143.5	185.2	230.3	276.4	323.5	372.3
-52.5°	0.0	16.4	39.1	65.1	97.7	132.9	172.6	213.6	257.1	301.6	347.5
-55°	0.0	15.5	36.4	60.9	90.0	123.2	159.4	196.6	236.9	278.5	321.6
-57.5°	0.0	14.6	33.6	56.6	82.1	113.3	145.9	180.8	215.9	254.6	294.5
-60°	0.0	13.6	30.7	52.1	74.1	103.2	132.1	164.3	194.8	229.8	266.5
-62.5°	0.0	12.6	28.5	47.5	67.7	92.8	119.7	147.3	175.5	204.1	237.5
-65°	0.0	11.6	26.2	42.7	61.2	82.1	106.9	130.7	155.7	181.1	207.7
-67.5°	0.0	10.5	23.8	37.8	54.4	72.3	93.8	115.3	135.6	158.5	181.1
-70°	0.0	9.4	21.4	32.8	47.4	63.3	80.6	99.6	117.7	135.6	155.7
-72.5°	0.0	8.3	18.9	28.6	40.3	54.1	68.9	83.7	99.6	115.3	130.7
-75°	0.0	7.2	16.3	24.6	33.1	44.7	57.2	69.3	81.2	94.7	108.0
-77.5°	0.0	6.0	13.7	20.6	27.4	35.2	45.3	55.3	65.1	74.8	85.0
-80°	0.0	4.8	11.0	16.5	22.0	27.4	33.2	41.2	49.1	56.8	64.4
-82.5°	0.0	3.6	8.3	12.4	16.5	20.6	24.6	28.6	32.9	38.7	44.4
-85°	0.0	2.4	5.5	8.3	11.0	13.7	16.4	19.1	21.7	24.3	26.9
-87.5°	0.0	1.2	2.8	4.1	5.5	6.9	8.2	9.6	10.9	12.2	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



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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°	14.7	15.9	17.1	18.2	19.4	20.4	21.5	22.5	23.4	24.4	25.2
85°	29.3	31.8	35.3	38.8	41.7	44.3	46.4	48.2	51.5	55.0	58.5
82.5°	50.0	55.5	60.8	66.0	69.6	72.4	75.1	79.2	86.2	93.0	99.1
80°	71.8	79.1	87.4	95.4	102.3	109.2	116.4	123.8	131.5	138.8	145.7
77.5°	95.9	106.5	116.8	126.9	136.9	147.7	158.2	168.3	177.9	187.1	195.8
75°	121.0	133.7	147.7	161.5	174.9	187.9	200.7	214.3	227.3	239.8	251.6
72.5°	147.3	164.3	180.8	197.0	214.4	231.4	247.9	263.8	279.3	295.5	312.6
70°	175.5	194.8	216.3	237.0	256.4	276.8	297.2	314.7	331.5	353.8	376.6
67.5°	204.3	230.5	254.8	278.0	304.0	328.0	348.8	371.1	394.9	420.6	443.2
65°	238.4	266.8	295.1	324.5	354.5	379.4	405.5	433.0	460.0	485.7	510.2
62.5°	272.0	304.1	336.6	368.7	399.5	429.4	460.8	491.6	521.2	551.1	577.5
60°	304.4	340.8	375.1	408.6	443.5	480.8	515.6	549.6	585.1	618.9	636.7
57.5°	335.7	374.6	410.4	448.1	489.0	531.1	567.6	606.2	636.7	660.1	683.1
55°	365.1	405.5	444.8	487.1	531.7	575.3	616.0	650.4	678.5	700.1	724.3
52.5°	392.6	435.2	478.0	524.3	571.5	618.1	660.6	692.9	718.2	740.2	763.0
50°	419.7	464.4	509.6	560.3	611.0	660.5	702.2	731.7	755.6	778.1	801.6
47.5°	446.2	493.2	541.9	595.9	650.8	698.6	738.2	765.1	789.2	815.7	841.4
45°	472.3	523.1	574.8	632.7	687.8	734.0	767.5	794.6	824.3	853.0	880.5
42.5°	497.8	552.6	608.6	668.6	721.9	763.5	794.8	826.7	858.8	889.4	920.4
40°	523.4	580.9	640.2	700.0	753.6	789.4	822.6	857.0	892.4	925.6	960.0
37.5°	548.1	607.5	668.6	729.1	777.8	814.1	848.6	886.6	923.8	960.0	1004.8
35°	571.5	631.7	693.4	751.9	798.7	836.3	874.9	914.9	954.0	1000.8	1051.8
32.5°	592.4	653.5	716.0	770.5	816.3	857.0	900.2	941.9	988.8	1041.8	1103.1
30°	610.0	672.6	735.3	788.4	833.3	876.3	923.2	969.2	1024.1	1087.8	1160.7
27.5°	625.5	689.7	750.6	803.9	849.5	892.2	941.6	999.6	1062.7	1134.2	1219.7
25°	639.9	707.0	765.1	818.0	862.4	907.1	959.9	1024.1	1100.0	1186.1	1290.7
22.5°	653.6	723.6	779.8	831.4	872.5	920.8	980.2	1050.1	1132.6	1233.4	1360.9
20°	666.6	736.0	791.6	841.9	880.0	932.7	998.2	1072.9	1166.5	1286.8	1434.2
17.5°	678.7	746.6	800.8	848.1	890.0	945.4	1014.0	1091.4	1196.0	1335.3	1501.6
15°	689.6	755.5	808.2	853.2	898.9	958.7	1030.5	1114.3	1228.6	1381.5	1561.3
12.5°	699.3	762.7	813.9	857.0	906.0	969.6	1045.2	1138.2	1263.6	1426.9	1637.0
10°	707.5	768.2	817.9	859.7	911.3	978.0	1057.4	1157.6	1291.6	1462.1	1695.2
7.5°	714.6	772.6	820.7	861.2	914.8	983.8	1067.0	1172.4	1311.2	1487.1	1737.3
5°	719.5	776.1	824.0	866.1	920.1	988.4	1073.9	1182.5	1322.7	1502.0	1763.4
2.5°	722.4	778.2	825.9	870.8	925.9	992.3	1079.2	1193.6	1332.0	1516.5	1783.4
0°	723.3	778.9	826.6	874.3	929.9	993.5	1080.9	1200.1	1335.3	1526.0	1796.2
-2.5°	722.4	778.2	825.9	870.8	925.9	992.3	1079.2	1193.6	1332.0	1516.5	1783.4
-5°	719.5	776.1	824.0	866.1	920.1	988.4	1073.9	1182.5	1322.7	1502.0	1763.4
-7.5°	714.6	772.6	820.7	861.2	914.8	983.8	1067.0	1172.4	1311.2	1487.1	1737.3
-10°	707.5	768.2	817.9	859.7	911.3	978.0	1057.4	1157.6	1291.6	1462.1	1695.2
-12.5°	699.3	762.7	813.9	857.0	906.0	969.6	1045.2	1138.2	1263.6	1426.9	1637.0
-15°	689.6	755.5	808.2	853.2	898.9	958.7	1030.5	1114.3	1228.6	1381.5	1561.3
-17.5°	678.7	746.6	800.8	848.1	890.0	945.4	1014.0	1091.4	1196.0	1335.3	1501.6
-20°	666.6	736.0	791.6	841.9	880.0	932.7	998.2	1072.9	1166.5	1286.8	1434.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627699 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-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°	653.6	723.6	779.8	831.4	872.5	920.8	980.2	1050.1	1132.6	1233.4	1360.9
-25°	639.9	707.0	765.1	818.0	862.4	907.1	959.9	1024.1	1100.0	1186.1	1290.7
-27.5°	625.5	689.7	750.6	803.9	849.5	892.2	941.6	999.6	1062.7	1134.2	1219.7
-30°	610.0	672.6	735.3	788.4	833.3	876.3	923.2	969.2	1024.1	1087.8	1160.7
-32.5°	592.4	653.5	716.0	770.5	816.3	857.0	900.2	941.9	988.8	1041.8	1103.1
-35°	571.5	631.7	693.4	751.9	798.7	836.3	874.9	914.9	954.0	1000.8	1051.8
-37.5°	548.1	607.5	668.6	729.1	777.8	814.1	848.6	886.6	923.8	960.0	1004.8
-40°	523.4	580.9	640.2	700.0	753.6	789.4	822.6	857.0	892.4	925.6	960.0
-42.5°	497.8	552.6	608.6	668.6	721.9	763.5	794.8	826.7	858.8	889.4	920.4
-45°	472.3	523.1	574.8	632.7	687.8	734.0	767.5	794.6	824.3	853.0	880.5
-47.5°	446.2	493.2	541.9	595.9	650.8	698.6	738.2	765.1	789.2	815.7	841.4
-50°	419.7	464.4	509.6	560.3	611.0	660.5	702.2	731.7	755.6	778.1	801.6
-52.5°	392.6	435.2	478.0	524.3	571.5	618.1	660.6	692.9	718.2	740.2	763.0
-55°	365.1	405.5	444.8	487.1	531.7	575.3	616.0	650.4	678.5	700.1	724.3
-57.5°	335.7	374.6	410.4	448.1	489.0	531.1	567.6	606.2	636.7	660.1	683.1
-60°	304.4	340.8	375.1	408.6	443.5	480.8	515.6	549.6	585.1	618.9	636.7
-62.5°	272.0	304.1	336.6	368.7	399.5	429.4	460.8	491.6	521.2	551.1	577.5
-65°	238.4	266.8	295.1	324.5	354.5	379.4	405.5	433.0	460.0	485.7	510.2
-67.5°	204.3	230.5	254.8	278.0	304.0	328.0	348.8	371.1	394.9	420.6	443.2
-70°	175.5	194.8	216.3	237.0	256.4	276.8	297.2	314.7	331.5	353.8	376.6
-72.5°	147.3	164.3	180.8	197.0	214.4	231.4	247.9	263.8	279.3	295.5	312.6
-75°	121.0	133.7	147.7	161.5	174.9	187.9	200.7	214.3	227.3	239.8	251.6
-77.5°	95.9	106.5	116.8	126.9	136.9	147.7	158.2	168.3	177.9	187.1	195.8
-80°	71.8	79.1	87.4	95.4	102.3	109.2	116.4	123.8	131.5	138.8	145.7
-82.5°	50.0	55.5	60.8	66.0	69.6	72.4	75.1	79.2	86.2	93.0	99.1
-85°	29.3	31.8	35.3	38.8	41.7	44.3	46.4	48.2	51.5	55.0	58.5
-87.5°	14.7	15.9	17.1	18.2	19.4	20.4	21.5	22.5	23.4	24.4	25.2
-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: P627699 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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°	26.0	26.8	27.5	28.2	28.8	29.4	29.9	30.3	30.7	29.1	27.4
85°	62.2	64.5	66.7	68.7	70.5	72.2	73.7	75.1	76.2	75.3	74.1
82.5°	104.7	108.9	112.6	116.2	119.4	122.3	125.0	127.3	129.4	129.2	128.7
80°	152.3	159.2	166.0	172.8	179.4	183.4	186.4	188.6	190.1	190.8	191.0
77.5°	204.8	215.3	226.3	237.1	247.7	253.8	258.2	261.8	264.7	265.3	264.8
75°	262.8	276.4	291.4	304.6	315.9	322.9	327.8	331.9	335.2	336.0	335.6
72.5°	330.4	347.1	360.6	371.7	381.3	388.8	394.8	400.0	404.2	405.9	406.2
70°	396.7	413.3	426.1	437.3	446.7	454.6	461.8	468.1	473.2	477.0	479.8
67.5°	464.0	483.0	496.1	506.3	514.3	522.4	532.2	540.5	547.6	552.3	554.7
65°	533.1	552.6	565.3	576.4	586.2	596.6	607.4	615.3	620.5	623.7	625.9
62.5°	599.9	618.2	634.1	648.9	663.0	674.9	682.3	688.9	694.6	699.4	702.9
60°	657.3	680.7	698.5	712.6	726.5	740.0	749.0	756.2	761.8	765.9	768.5
57.5°	706.4	730.1	751.1	764.9	779.9	795.9	806.4	812.5	818.1	822.9	825.1
55°	749.2	771.1	790.5	809.3	826.2	840.6	851.8	859.9	866.8	872.3	874.1
52.5°	787.8	811.6	834.4	854.4	870.9	884.7	895.8	905.9	913.7	918.9	921.3
50°	828.3	854.0	878.3	900.2	917.2	932.7	946.5	958.5	969.9	978.9	985.4
47.5°	868.2	895.5	922.4	946.5	966.9	989.3	1009.4	1026.4	1043.0	1056.5	1065.8
45°	908.4	939.9	969.2	1000.2	1027.8	1057.2	1084.5	1107.9	1132.0	1150.2	1162.5
42.5°	953.0	988.8	1024.1	1062.7	1100.4	1138.6	1179.9	1216.7	1245.1	1271.9	1293.5
40°	1000.8	1041.8	1087.8	1135.2	1190.8	1241.2	1296.6	1344.3	1387.4	1432.9	1469.1
37.5°	1051.8	1103.1	1163.5	1226.8	1298.7	1367.7	1440.2	1511.4	1573.5	1646.8	1702.7
35°	1108.3	1176.7	1251.0	1336.7	1426.2	1525.1	1624.2	1738.7	1837.2	1945.6	2040.1
32.5°	1175.0	1256.6	1354.2	1467.1	1582.2	1732.3	1872.5	2054.7	2212.3	2384.4	2557.6
30°	1243.6	1350.4	1476.3	1618.6	1801.5	2007.8	2237.8	2508.9	2788.5	3059.0	3385.3
27.5°	1328.7	1457.5	1610.0	1817.9	2087.1	2365.9	2761.4	3168.5	3682.3	4107.2	4706.5
25°	1417.1	1568.7	1785.3	2068.2	2419.4	2903.5	3503.6	4154.1	5058.1	5852.4	6784.0
22.5°	1513.3	1718.0	1987.6	2336.6	2869.3	3612.2	4520.9	5745.4	7078.9	8494.7	9902.9
20°	1613.5	1861.2	2214.6	2720.4	3451.3	4457.5	6017.5	7907.9	9812.9	12148.9	14217.5
17.5°	1729.6	2044.9	2480.3	3112.9	4088.2	5629.5	7793.7	10432.8	13388.3	16747.0	19729.1
15°	1826.3	2202.2	2751.8	3636.9	4978.3	6957.7	9686.8	13317.4	17758.6	22269.5	26846.1
12.5°	1938.6	2373.4	3018.9	4074.2	5758.9	8389.5	12104.4	16699.7	22246.3	28503.1	35879.0
10°	2038.2	2541.5	3343.9	4650.2	6709.1	9882.8	14391.3	19919.8	27077.8	36079.9	47502.2
7.5°	2112.1	2675.3	3594.8	5088.6	7530.4	11318.6	16552.1	23446.0	32541.4	44428.6	60104.8
5°	2160.1	2772.1	3772.3	5426.8	8173.4	12387.2	18135.6	25947.0	36919.9	53732.5	80277.9
2.5°	2188.8	2829.4	3873.6	5625.2	8564.4	13095.1	19340.4	27838.1	39757.6	59482.2	93253.0
0°	2201.6	2845.4	3934.2	5730.5	8695.1	13368.4	19893.7	28700.0	41027.3	60825.6	95534.3
-2.5°	2188.8	2829.4	3873.6	5625.2	8564.4	13095.1	19340.4	27838.1	39757.6	59482.2	93253.0
-5°	2160.1	2772.1	3772.3	5426.8	8173.4	12387.2	18135.6	25947.0	36919.9	53732.5	80277.9
-7.5°	2112.1	2675.3	3594.8	5088.6	7530.4	11318.6	16552.1	23446.0	32541.4	44428.6	60104.8
-10°	2038.2	2541.5	3343.9	4650.2	6709.1	9882.8	14391.3	19919.8	27077.8	36079.9	47502.2
-12.5°	1938.6	2373.4	3018.9	4074.2	5758.9	8389.5	12104.4	16699.7	22246.3	28503.1	35879.0
-15°	1826.3	2202.2	2751.8	3636.9	4978.3	6957.7	9686.8	13317.4	17758.6	22269.5	26846.1
-17.5°	1729.6	2044.9	2480.3	3112.9	4088.2	5629.5	7793.7	10432.8	13388.3	16747.0	19729.1
-20°	1613.5	1861.2	2214.6	2720.4	3451.3	4457.5	6017.5	7907.9	9812.9	12148.9	14217.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627699 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-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°	1513.3	1718.0	1987.6	2336.6	2869.3	3612.2	4520.9	5745.4	7078.9	8494.7	9902.9
-25°	1417.1	1568.7	1785.3	2068.2	2419.4	2903.5	3503.6	4154.1	5058.1	5852.4	6784.0
-27.5°	1328.7	1457.5	1610.0	1817.9	2087.1	2365.9	2761.4	3168.5	3682.3	4107.2	4706.5
-30°	1243.6	1350.4	1476.3	1618.6	1801.5	2007.8	2237.8	2508.9	2788.5	3059.0	3385.3
-32.5°	1175.0	1256.6	1354.2	1467.1	1582.2	1732.3	1872.5	2054.7	2212.3	2384.4	2557.6
-35°	1108.3	1176.7	1251.0	1336.7	1426.2	1525.1	1624.2	1738.7	1837.2	1945.6	2040.1
-37.5°	1051.8	1103.1	1163.5	1226.8	1298.7	1367.7	1440.2	1511.4	1573.5	1646.8	1702.7
-40°	1000.8	1041.8	1087.8	1135.2	1190.8	1241.2	1296.6	1344.3	1387.4	1432.9	1469.1
-42.5°	953.0	988.8	1024.1	1062.7	1100.4	1138.6	1179.9	1216.7	1245.1	1271.9	1293.5
-45°	908.4	939.9	969.2	1000.2	1027.8	1057.2	1084.5	1107.9	1132.0	1150.2	1162.5
-47.5°	868.2	895.5	922.4	946.5	966.9	989.3	1009.4	1026.4	1043.0	1056.5	1065.8
-50°	828.3	854.0	878.3	900.2	917.2	932.7	946.5	958.5	969.9	978.9	985.4
-52.5°	787.8	811.6	834.4	854.4	870.9	884.7	895.8	905.9	913.7	918.9	921.3
-55°	749.2	771.1	790.5	809.3	826.2	840.6	851.8	859.9	866.8	872.3	874.1
-57.5°	706.4	730.1	751.1	764.9	779.9	795.9	806.4	812.5	818.1	822.9	825.1
-60°	657.3	680.7	698.5	712.6	726.5	740.0	749.0	756.2	761.8	765.9	768.5
-62.5°	599.9	618.2	634.1	648.9	663.0	674.9	682.3	688.9	694.6	699.4	702.9
-65°	533.1	552.6	565.3	576.4	586.2	596.6	607.4	615.3	620.5	623.7	625.9
-67.5°	464.0	483.0	496.1	506.3	514.3	522.4	532.2	540.5	547.6	552.3	554.7
-70°	396.7	413.3	426.1	437.3	446.7	454.6	461.8	468.1	473.2	477.0	479.8
-72.5°	330.4	347.1	360.6	371.7	381.3	388.8	394.8	400.0	404.2	405.9	406.2
-75°	262.8	276.4	291.4	304.6	315.9	322.9	327.8	331.9	335.2	336.0	335.6
-77.5°	204.8	215.3	226.3	237.1	247.7	253.8	258.2	261.8	264.7	265.3	264.8
-80°	152.3	159.2	166.0	172.8	179.4	183.4	186.4	188.6	190.1	190.8	191.0
-82.5°	104.7	108.9	112.6	116.2	119.4	122.3	125.0	127.3	129.4	129.2	128.7
-85°	62.2	64.5	66.7	68.7	70.5	72.2	73.7	75.1	76.2	75.3	74.1
-87.5°	26.0	26.8	27.5	28.2	28.8	29.4	29.9	30.3	30.7	29.1	27.4
-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: P627699 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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°	25.6	23.7	23.8	23.8	23.8	23.7	25.6	27.4	29.1	30.7	30.3
85°	72.7	71.2	71.4	71.5	71.4	71.2	72.7	74.1	75.3	76.2	75.1
82.5°	127.8	126.6	127.0	127.2	127.0	126.6	127.8	128.7	129.2	129.4	127.3
80°	190.7	189.9	186.6	182.8	186.6	189.9	190.7	191.0	190.8	190.1	188.6
77.5°	263.4	261.1	258.1	254.3	258.1	261.1	263.4	264.8	265.3	264.7	261.8
75°	334.4	332.4	333.4	333.8	333.4	332.4	334.4	335.6	336.0	335.2	331.9
72.5°	405.4	403.7	404.8	405.3	404.8	403.7	405.4	406.2	405.9	404.2	400.0
70°	481.7	482.5	480.5	476.9	480.5	482.5	481.7	479.8	477.0	473.2	468.1
67.5°	555.3	554.5	552.1	548.4	552.1	554.5	555.3	554.7	552.3	547.6	540.5
65°	626.6	625.8	627.1	627.9	627.1	625.8	626.6	625.9	623.7	620.5	615.3
62.5°	704.8	704.8	703.0	699.4	703.0	704.8	704.8	702.9	699.4	694.6	688.9
60°	769.6	769.0	766.8	763.0	766.8	769.0	769.6	768.5	765.9	761.8	756.2
57.5°	825.8	825.0	822.6	818.6	822.6	825.0	825.8	825.1	822.9	818.1	812.5
55°	874.3	873.1	870.5	866.3	870.5	873.1	874.3	874.1	872.3	866.8	859.9
52.5°	921.9	920.9	921.2	922.0	921.2	920.9	921.9	921.3	918.9	913.7	905.9
50°	989.3	990.7	989.5	985.5	989.5	990.7	989.3	985.4	978.9	969.9	958.5
47.5°	1070.2	1070.8	1068.8	1065.0	1068.8	1070.8	1070.2	1065.8	1056.5	1043.0	1026.4
45°	1172.2	1177.9	1179.5	1176.3	1179.5	1177.9	1172.2	1162.5	1150.2	1132.0	1107.9
42.5°	1310.2	1319.2	1321.8	1319.4	1321.8	1319.2	1310.2	1293.5	1271.9	1245.1	1216.7
40°	1491.3	1501.6	1503.6	1502.2	1503.6	1501.6	1491.3	1469.1	1432.9	1387.4	1344.3
37.5°	1742.1	1767.2	1779.0	1780.3	1779.0	1767.2	1742.1	1702.7	1646.8	1573.5	1511.4
35°	2112.1	2162.0	2188.7	2201.6	2188.7	2162.0	2112.1	2040.1	1945.6	1837.2	1738.7
32.5°	2688.9	2788.8	2844.2	2837.4	2844.2	2788.8	2688.9	2557.6	2384.4	2212.3	2054.7
30°	3631.3	3806.0	3893.9	3870.7	3893.9	3806.0	3631.3	3385.3	3059.0	2788.5	2508.9
27.5°	5136.8	5452.7	5635.3	5611.3	5635.3	5452.7	5136.8	4706.5	4107.2	3682.3	3168.5
25°	7562.7	8139.2	8508.3	8416.9	8508.3	8139.2	7562.7	6784.0	5852.4	5058.1	4154.1
22.5°	11253.0	12229.6	12875.9	12796.2	12875.9	12229.6	11253.0	9902.9	8494.7	7078.9	5745.4
20°	16315.0	17801.5	18862.9	19003.5	18862.9	17801.5	16315.0	14217.5	12148.9	9812.9	7907.9
17.5°	22950.4	25307.3	26947.9	27221.7	26947.9	25307.3	22950.4	19729.1	16747.0	13388.3	10432.8
15°	31573.9	35426.2	38214.1	38444.2	38214.1	35426.2	31573.9	26846.1	22269.5	17758.6	13317.4
12.5°	43283.4	51031.4	56087.9	58314.1	56087.9	51031.4	43283.4	35879.0	28503.1	22246.3	16699.7
10°	59488.8	77285.3	88682.5	92967.1	88682.5	77285.3	59488.8	47502.2	36079.9	27077.8	19919.8
7.5°	86556.6	114497.6	145560.7	158800.0	145560.7	114497.6	86556.6	60104.8	44428.6	32541.4	23446.0
5°	117208.8	175197.7	230355.3	251894.3	230355.3	175197.7	117208.8	80277.9	53732.5	36919.9	25947.0
2.5°	149462.8	230290.7	306032.7	335653.7	306032.7	230290.7	149462.8	93253.0	59482.2	39757.6	27838.1
0°	162058.6	254413.8	337748.0	370962.5	337748.0	254413.8	162058.6	95534.3	60825.6	41027.3	28700.0
-2.5°	149462.8	230290.7	306032.7	335653.7	306032.7	230290.7	149462.8	93253.0	59482.2	39757.6	27838.1
-5°	117208.8	175197.7	230355.3	251894.3	230355.3	175197.7	117208.8	80277.9	53732.5	36919.9	25947.0
-7.5°	86556.6	114497.6	145560.7	158800.0	145560.7	114497.6	86556.6	60104.8	44428.6	32541.4	23446.0
-10°	59488.8	77285.3	88682.5	92967.1	88682.5	77285.3	59488.8	47502.2	36079.9	27077.8	19919.8
-12.5°	43283.4	51031.4	56087.9	58314.1	56087.9	51031.4	43283.4	35879.0	28503.1	22246.3	16699.7
-15°	31573.9	35426.2	38214.1	38444.2	38214.1	35426.2	31573.9	26846.1	22269.5	17758.6	13317.4
-17.5°	22950.4	25307.3	26947.9	27221.7	26947.9	25307.3	22950.4	19729.1	16747.0	13388.3	10432.8
-20°	16315.0	17801.5	18862.9	19003.5	18862.9	17801.5	16315.0	14217.5	12148.9	9812.9	7907.9



REPORT NUMBER: P627699 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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°	11253.0	12229.6	12875.9	12796.2	12875.9	12229.6	11253.0	9902.9	8494.7	7078.9	5745.4
-25°	7562.7	8139.2	8508.3	8416.9	8508.3	8139.2	7562.7	6784.0	5852.4	5058.1	4154.1
-27.5°	5136.8	5452.7	5635.3	5611.3	5635.3	5452.7	5136.8	4706.5	4107.2	3682.3	3168.5
-30°	3631.3	3806.0	3893.9	3870.7	3893.9	3806.0	3631.3	3385.3	3059.0	2788.5	2508.9
-32.5°	2688.9	2788.8	2844.2	2837.4	2844.2	2788.8	2688.9	2557.6	2384.4	2212.3	2054.7
-35°	2112.1	2162.0	2188.7	2201.6	2188.7	2162.0	2112.1	2040.1	1945.6	1837.2	1738.7
-37.5°	1742.1	1767.2	1779.0	1780.3	1779.0	1767.2	1742.1	1702.7	1646.8	1573.5	1511.4
-40°	1491.3	1501.6	1503.6	1502.2	1503.6	1501.6	1491.3	1469.1	1432.9	1387.4	1344.3
-42.5°	1310.2	1319.2	1321.8	1319.4	1321.8	1319.2	1310.2	1293.5	1271.9	1245.1	1216.7
-45°	1172.2	1177.9	1179.5	1176.3	1179.5	1177.9	1172.2	1162.5	1150.2	1132.0	1107.9
-47.5°	1070.2	1070.8	1068.8	1065.0	1068.8	1070.8	1070.2	1065.8	1056.5	1043.0	1026.4
-50°	989.3	990.7	989.5	985.5	989.5	990.7	989.3	985.4	978.9	969.9	958.5
-52.5°	921.9	920.9	921.2	922.0	921.2	920.9	921.9	921.3	918.9	913.7	905.9
-55°	874.3	873.1	870.5	866.3	870.5	873.1	874.3	874.1	872.3	866.8	859.9
-57.5°	825.8	825.0	822.6	818.6	822.6	825.0	825.8	825.1	822.9	818.1	812.5
-60°	769.6	769.0	766.8	763.0	766.8	769.0	769.6	768.5	765.9	761.8	756.2
-62.5°	704.8	704.8	703.0	699.4	703.0	704.8	704.8	702.9	699.4	694.6	688.9
-65°	626.6	625.8	627.1	627.9	627.1	625.8	626.6	625.9	623.7	620.5	615.3
-67.5°	555.3	554.5	552.1	548.4	552.1	554.5	555.3	554.7	552.3	547.6	540.5
-70°	481.7	482.5	480.5	476.9	480.5	482.5	481.7	479.8	477.0	473.2	468.1
-72.5°	405.4	403.7	404.8	405.3	404.8	403.7	405.4	406.2	405.9	404.2	400.0
-75°	334.4	332.4	333.4	333.8	333.4	332.4	334.4	335.6	336.0	335.2	331.9
-77.5°	263.4	261.1	258.1	254.3	258.1	261.1	263.4	264.8	265.3	264.7	261.8
-80°	190.7	189.9	186.6	182.8	186.6	189.9	190.7	191.0	190.8	190.1	188.6
-82.5°	127.8	126.6	127.0	127.2	127.0	126.6	127.8	128.7	129.2	129.4	127.3
-85°	72.7	71.2	71.4	71.5	71.4	71.2	72.7	74.1	75.3	76.2	75.1
-87.5°	25.6	23.7	23.8	23.8	23.8	23.7	25.6	27.4	29.1	30.7	30.3
-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: P627699 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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°	29.9	29.4	28.8	28.2	27.5	26.8	26.0	25.2	24.4	23.4	22.5
85°	73.7	72.2	70.5	68.7	66.7	64.5	62.2	58.5	55.0	51.5	48.2
82.5°	125.0	122.3	119.4	116.2	112.6	108.9	104.7	99.1	93.0	86.2	79.2
80°	186.4	183.4	179.4	172.8	166.0	159.2	152.3	145.7	138.8	131.5	123.8
77.5°	258.2	253.8	247.7	237.1	226.3	215.3	204.8	195.8	187.1	177.9	168.3
75°	327.8	322.9	315.9	304.6	291.4	276.4	262.8	251.6	239.8	227.3	214.3
72.5°	394.8	388.8	381.3	371.7	360.6	347.1	330.4	312.6	295.5	279.3	263.8
70°	461.8	454.6	446.7	437.3	426.1	413.3	396.7	376.6	353.8	331.5	314.7
67.5°	532.2	522.4	514.3	506.3	496.1	483.0	464.0	443.2	420.6	394.9	371.1
65°	607.4	596.6	586.2	576.4	565.3	552.6	533.1	510.2	485.7	460.0	433.0
62.5°	682.3	674.9	663.0	648.9	634.1	618.2	599.9	577.5	551.1	521.2	491.6
60°	749.0	740.0	726.5	712.6	698.5	680.7	657.3	636.7	618.9	585.1	549.6
57.5°	806.4	795.9	779.9	764.9	751.1	730.1	706.4	683.1	660.1	636.7	606.2
55°	851.8	840.6	826.2	809.3	790.5	771.1	749.2	724.3	700.1	678.5	650.4
52.5°	895.8	884.7	870.9	854.4	834.4	811.6	787.8	763.0	740.2	718.2	692.9
50°	946.5	932.7	917.2	900.2	878.3	854.0	828.3	801.6	778.1	755.6	731.7
47.5°	1009.4	989.3	966.9	946.5	922.4	895.5	868.2	841.4	815.7	789.2	765.1
45°	1084.5	1057.2	1027.8	1000.2	969.2	939.9	908.4	880.5	853.0	824.3	794.6
42.5°	1179.9	1138.6	1100.4	1062.7	1024.1	988.8	953.0	920.4	889.4	858.8	826.7
40°	1296.6	1241.2	1190.8	1135.2	1087.8	1041.8	1000.8	960.0	925.6	892.4	857.0
37.5°	1440.2	1367.7	1298.7	1226.8	1163.5	1103.1	1051.8	1004.8	960.0	923.8	886.6
35°	1624.2	1525.1	1426.2	1336.7	1251.0	1176.7	1108.3	1051.8	1000.8	954.0	914.9
32.5°	1872.5	1732.3	1582.2	1467.1	1354.2	1256.6	1175.0	1103.1	1041.8	988.8	941.9
30°	2237.8	2007.8	1801.5	1618.6	1476.3	1350.4	1243.6	1160.7	1087.8	1024.1	969.2
27.5°	2761.4	2365.9	2087.1	1817.9	1610.0	1457.5	1328.7	1219.7	1134.2	1062.7	999.6
25°	3503.6	2903.5	2419.4	2068.2	1785.3	1568.7	1417.1	1290.7	1186.1	1100.0	1024.1
22.5°	4520.9	3612.2	2869.3	2336.6	1987.6	1718.0	1513.3	1360.9	1233.4	1132.6	1050.1
20°	6017.5	4457.5	3451.3	2720.4	2214.6	1861.2	1613.5	1434.2	1286.8	1166.5	1072.9
17.5°	7793.7	5629.5	4088.2	3112.9	2480.3	2044.9	1729.6	1501.6	1335.3	1196.0	1091.4
15°	9686.8	6957.7	4978.3	3636.9	2751.8	2202.2	1826.3	1561.3	1381.5	1228.6	1114.3
12.5°	12104.4	8389.5	5758.9	4074.2	3018.9	2373.4	1938.6	1637.0	1426.9	1263.6	1138.2
10°	14391.3	9882.8	6709.1	4650.2	3343.9	2541.5	2038.2	1695.2	1462.1	1291.6	1157.6
7.5°	16552.1	11318.6	7530.4	5088.6	3594.8	2675.3	2112.1	1737.3	1487.1	1311.2	1172.4
5°	18135.6	12387.2	8173.4	5426.8	3772.3	2772.1	2160.1	1763.4	1502.0	1322.7	1182.5
2.5°	19340.4	13095.1	8564.4	5625.2	3873.6	2829.4	2188.8	1783.4	1516.5	1332.0	1193.6
0°	19893.7	13368.4	8695.1	5730.5	3934.2	2845.4	2201.6	1796.2	1526.0	1335.3	1200.1
-2.5°	19340.4	13095.1	8564.4	5625.2	3873.6	2829.4	2188.8	1783.4	1516.5	1332.0	1193.6
-5°	18135.6	12387.2	8173.4	5426.8	3772.3	2772.1	2160.1	1763.4	1502.0	1322.7	1182.5
-7.5°	16552.1	11318.6	7530.4	5088.6	3594.8	2675.3	2112.1	1737.3	1487.1	1311.2	1172.4
-10°	14391.3	9882.8	6709.1	4650.2	3343.9	2541.5	2038.2	1695.2	1462.1	1291.6	1157.6
-12.5°	12104.4	8389.5	5758.9	4074.2	3018.9	2373.4	1938.6	1637.0	1426.9	1263.6	1138.2
-15°	9686.8	6957.7	4978.3	3636.9	2751.8	2202.2	1826.3	1561.3	1381.5	1228.6	1114.3
-17.5°	7793.7	5629.5	4088.2	3112.9	2480.3	2044.9	1729.6	1501.6	1335.3	1196.0	1091.4
-20°	6017.5	4457.5	3451.3	2720.4	2214.6	1861.2	1613.5	1434.2	1286.8	1166.5	1072.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627699 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-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°	4520.9	3612.2	2869.3	2336.6	1987.6	1718.0	1513.3	1360.9	1233.4	1132.6	1050.1
-25°	3503.6	2903.5	2419.4	2068.2	1785.3	1568.7	1417.1	1290.7	1186.1	1100.0	1024.1
-27.5°	2761.4	2365.9	2087.1	1817.9	1610.0	1457.5	1328.7	1219.7	1134.2	1062.7	999.6
-30°	2237.8	2007.8	1801.5	1618.6	1476.3	1350.4	1243.6	1160.7	1087.8	1024.1	969.2
-32.5°	1872.5	1732.3	1582.2	1467.1	1354.2	1256.6	1175.0	1103.1	1041.8	988.8	941.9
-35°	1624.2	1525.1	1426.2	1336.7	1251.0	1176.7	1108.3	1051.8	1000.8	954.0	914.9
-37.5°	1440.2	1367.7	1298.7	1226.8	1163.5	1103.1	1051.8	1004.8	960.0	923.8	886.6
-40°	1296.6	1241.2	1190.8	1135.2	1087.8	1041.8	1000.8	960.0	925.6	892.4	857.0
-42.5°	1179.9	1138.6	1100.4	1062.7	1024.1	988.8	953.0	920.4	889.4	858.8	826.7
-45°	1084.5	1057.2	1027.8	1000.2	969.2	939.9	908.4	880.5	853.0	824.3	794.6
-47.5°	1009.4	989.3	966.9	946.5	922.4	895.5	868.2	841.4	815.7	789.2	765.1
-50°	946.5	932.7	917.2	900.2	878.3	854.0	828.3	801.6	778.1	755.6	731.7
-52.5°	895.8	884.7	870.9	854.4	834.4	811.6	787.8	763.0	740.2	718.2	692.9
-55°	851.8	840.6	826.2	809.3	790.5	771.1	749.2	724.3	700.1	678.5	650.4
-57.5°	806.4	795.9	779.9	764.9	751.1	730.1	706.4	683.1	660.1	636.7	606.2
-60°	749.0	740.0	726.5	712.6	698.5	680.7	657.3	636.7	618.9	585.1	549.6
-62.5°	682.3	674.9	663.0	648.9	634.1	618.2	599.9	577.5	551.1	521.2	491.6
-65°	607.4	596.6	586.2	576.4	565.3	552.6	533.1	510.2	485.7	460.0	433.0
-67.5°	532.2	522.4	514.3	506.3	496.1	483.0	464.0	443.2	420.6	394.9	371.1
-70°	461.8	454.6	446.7	437.3	426.1	413.3	396.7	376.6	353.8	331.5	314.7
-72.5°	394.8	388.8	381.3	371.7	360.6	347.1	330.4	312.6	295.5	279.3	263.8
-75°	327.8	322.9	315.9	304.6	291.4	276.4	262.8	251.6	239.8	227.3	214.3
-77.5°	258.2	253.8	247.7	237.1	226.3	215.3	204.8	195.8	187.1	177.9	168.3
-80°	186.4	183.4	179.4	172.8	166.0	159.2	152.3	145.7	138.8	131.5	123.8
-82.5°	125.0	122.3	119.4	116.2	112.6	108.9	104.7	99.1	93.0	86.2	79.2
-85°	73.7	72.2	70.5	68.7	66.7	64.5	62.2	58.5	55.0	51.5	48.2
-87.5°	29.9	29.4	28.8	28.2	27.5	26.8	26.0	25.2	24.4	23.4	22.5
-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: P627699 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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°	21.5	20.4	19.4	18.2	17.1	15.9	14.7	13.4	12.2	10.9	9.6
85°	46.4	44.3	41.7	38.8	35.3	31.8	29.3	26.9	24.3	21.7	19.1
82.5°	75.1	72.4	69.6	66.0	60.8	55.5	50.0	44.4	38.7	32.9	28.6
80°	116.4	109.2	102.3	95.4	87.4	79.1	71.8	64.4	56.8	49.1	41.2
77.5°	158.2	147.7	136.9	126.9	116.8	106.5	95.9	85.0	74.8	65.1	55.3
75°	200.7	187.9	174.9	161.5	147.7	133.7	121.0	108.0	94.7	81.2	69.3
72.5°	247.9	231.4	214.4	197.0	180.8	164.3	147.3	130.7	115.3	99.6	83.7
70°	297.2	276.8	256.4	237.0	216.3	194.8	175.5	155.7	135.6	117.7	99.6
67.5°	348.8	328.0	304.0	278.0	254.8	230.5	204.3	181.1	158.5	135.6	115.3
65°	405.5	379.4	354.5	324.5	295.1	266.8	238.4	207.7	181.1	155.7	130.7
62.5°	460.8	429.4	399.5	368.7	336.6	304.1	272.0	237.5	204.1	175.5	147.3
60°	515.6	480.8	443.5	408.6	375.1	340.8	304.4	266.5	229.8	194.8	164.3
57.5°	567.6	531.1	489.0	448.1	410.4	374.6	335.7	294.5	254.6	215.9	180.8
55°	616.0	575.3	531.7	487.1	444.8	405.5	365.1	321.6	278.5	236.9	196.6
52.5°	660.6	618.1	571.5	524.3	478.0	435.2	392.6	347.5	301.6	257.1	213.6
50°	702.2	660.5	611.0	560.3	509.6	464.4	419.7	372.3	323.5	276.4	230.3
47.5°	738.2	698.6	650.8	595.9	541.9	493.2	446.2	396.6	344.5	294.8	246.4
45°	767.5	734.0	687.8	632.7	574.8	523.1	472.3	420.3	365.8	312.6	261.9
42.5°	794.8	763.5	721.9	668.6	608.6	552.6	497.8	443.5	386.6	329.6	276.7
40°	822.6	789.4	753.6	700.0	640.2	580.9	523.4	466.0	406.7	346.2	290.8
37.5°	848.6	814.1	777.8	729.1	668.6	607.5	548.1	487.8	425.4	362.8	304.2
35°	874.9	836.3	798.7	751.9	693.4	631.7	571.5	508.7	443.0	378.3	316.8
32.5°	900.2	857.0	816.3	770.5	716.0	653.5	592.4	527.0	459.6	392.5	328.7
30°	923.2	876.3	833.3	788.4	735.3	672.6	610.0	543.6	474.9	405.6	339.8
27.5°	941.6	892.2	849.5	803.9	750.6	689.7	625.5	558.5	489.1	417.6	350.3
25°	959.9	907.1	862.4	818.0	765.1	707.0	639.9	571.7	501.5	429.0	359.8
22.5°	980.2	920.8	872.5	831.4	779.8	723.6	653.6	583.1	512.2	439.2	368.3
20°	998.2	932.7	880.0	841.9	791.6	736.0	666.6	593.5	521.5	448.3	375.7
17.5°	1014.0	945.4	890.0	848.1	800.8	746.6	678.7	602.6	529.3	456.2	382.0
15°	1030.5	958.7	898.9	853.2	808.2	755.5	689.6	610.5	535.7	462.9	387.6
12.5°	1045.2	969.6	906.0	857.0	813.9	762.7	699.3	617.1	540.6	468.5	392.8
10°	1057.4	978.0	911.3	859.7	817.9	768.2	707.5	623.4	545.9	472.8	397.1
7.5°	1067.0	983.8	914.8	861.2	820.7	772.6	714.6	630.8	550.3	475.8	400.6
5°	1073.9	988.4	920.1	866.1	824.0	776.1	719.5	636.7	553.6	477.4	403.2
2.5°	1079.2	992.3	925.9	870.8	825.9	778.2	722.4	641.1	555.7	477.8	404.8
0°	1080.9	993.5	929.9	874.3	826.6	778.9	723.3	643.8	556.4	476.9	405.3
-2.5°	1079.2	992.3	925.9	870.8	825.9	778.2	722.4	641.1	555.7	477.8	404.8
-5°	1073.9	988.4	920.1	866.1	824.0	776.1	719.5	636.7	553.6	477.4	403.2
-7.5°	1067.0	983.8	914.8	861.2	820.7	772.6	714.6	630.8	550.3	475.8	400.6
-10°	1057.4	978.0	911.3	859.7	817.9	768.2	707.5	623.4	545.9	472.8	397.1
-12.5°	1045.2	969.6	906.0	857.0	813.9	762.7	699.3	617.1	540.6	468.5	392.8
-15°	1030.5	958.7	898.9	853.2	808.2	755.5	689.6	610.5	535.7	462.9	387.6
-17.5°	1014.0	945.4	890.0	848.1	800.8	746.6	678.7	602.6	529.3	456.2	382.0
-20°	998.2	932.7	880.0	841.9	791.6	736.0	666.6	593.5	521.5	448.3	375.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627699 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-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°	980.2	920.8	872.5	831.4	779.8	723.6	653.6	583.1	512.2	439.2	368.3
-25°	959.9	907.1	862.4	818.0	765.1	707.0	639.9	571.7	501.5	429.0	359.8
-27.5°	941.6	892.2	849.5	803.9	750.6	689.7	625.5	558.5	489.1	417.6	350.3
-30°	923.2	876.3	833.3	788.4	735.3	672.6	610.0	543.6	474.9	405.6	339.8
-32.5°	900.2	857.0	816.3	770.5	716.0	653.5	592.4	527.0	459.6	392.5	328.7
-35°	874.9	836.3	798.7	751.9	693.4	631.7	571.5	508.7	443.0	378.3	316.8
-37.5°	848.6	814.1	777.8	729.1	668.6	607.5	548.1	487.8	425.4	362.8	304.2
-40°	822.6	789.4	753.6	700.0	640.2	580.9	523.4	466.0	406.7	346.2	290.8
-42.5°	794.8	763.5	721.9	668.6	608.6	552.6	497.8	443.5	386.6	329.6	276.7
-45°	767.5	734.0	687.8	632.7	574.8	523.1	472.3	420.3	365.8	312.6	261.9
-47.5°	738.2	698.6	650.8	595.9	541.9	493.2	446.2	396.6	344.5	294.8	246.4
-50°	702.2	660.5	611.0	560.3	509.6	464.4	419.7	372.3	323.5	276.4	230.3
-52.5°	660.6	618.1	571.5	524.3	478.0	435.2	392.6	347.5	301.6	257.1	213.6
-55°	616.0	575.3	531.7	487.1	444.8	405.5	365.1	321.6	278.5	236.9	196.6
-57.5°	567.6	531.1	489.0	448.1	410.4	374.6	335.7	294.5	254.6	215.9	180.8
-60°	515.6	480.8	443.5	408.6	375.1	340.8	304.4	266.5	229.8	194.8	164.3
-62.5°	460.8	429.4	399.5	368.7	336.6	304.1	272.0	237.5	204.1	175.5	147.3
-65°	405.5	379.4	354.5	324.5	295.1	266.8	238.4	207.7	181.1	155.7	130.7
-67.5°	348.8	328.0	304.0	278.0	254.8	230.5	204.3	181.1	158.5	135.6	115.3
-70°	297.2	276.8	256.4	237.0	216.3	194.8	175.5	155.7	135.6	117.7	99.6
-72.5°	247.9	231.4	214.4	197.0	180.8	164.3	147.3	130.7	115.3	99.6	83.7
-75°	200.7	187.9	174.9	161.5	147.7	133.7	121.0	108.0	94.7	81.2	69.3
-77.5°	158.2	147.7	136.9	126.9	116.8	106.5	95.9	85.0	74.8	65.1	55.3
-80°	116.4	109.2	102.3	95.4	87.4	79.1	71.8	64.4	56.8	49.1	41.2
-82.5°	75.1	72.4	69.6	66.0	60.8	55.5	50.0	44.4	38.7	32.9	28.6
-85°	46.4	44.3	41.7	38.8	35.3	31.8	29.3	26.9	24.3	21.7	19.1
-87.5°	21.5	20.4	19.4	18.2	17.1	15.9	14.7	13.4	12.2	10.9	9.6
-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: P627699 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-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°	8.2	6.9	5.5	4.1	2.8	1.2	0.0
85°	16.4	13.7	11.0	8.3	5.5	2.4	0.0
82.5°	24.6	20.6	16.5	12.4	8.3	3.6	0.0
80°	33.2	27.4	22.0	16.5	11.0	4.8	0.0
77.5°	45.3	35.2	27.4	20.6	13.7	6.0	0.0
75°	57.2	44.7	33.1	24.6	16.3	7.2	0.0
72.5°	68.9	54.1	40.3	28.6	18.9	8.3	0.0
70°	80.6	63.3	47.4	32.8	21.4	9.4	0.0
67.5°	93.8	72.3	54.4	37.8	23.8	10.5	0.0
65°	106.9	82.1	61.2	42.7	26.2	11.6	0.0
62.5°	119.7	92.8	67.7	47.5	28.5	12.6	0.0
60°	132.1	103.2	74.1	52.1	30.7	13.6	0.0
57.5°	145.9	113.3	82.1	56.6	33.6	14.6	0.0
55°	159.4	123.2	90.0	60.9	36.4	15.5	0.0
52.5°	172.6	132.9	97.7	65.1	39.1	16.4	0.0
50°	185.2	143.5	105.0	69.1	41.8	17.3	0.0
47.5°	197.7	153.7	112.1	73.3	44.3	18.1	0.0
45°	210.9	163.4	118.9	78.3	46.8	18.8	0.0
42.5°	223.6	172.8	125.4	83.2	49.2	19.5	0.0
40°	235.6	181.7	132.0	88.0	51.6	20.2	0.0
37.5°	247.1	190.1	138.7	92.5	53.8	20.8	0.0
35°	257.8	198.6	145.1	96.9	55.9	21.4	0.0
32.5°	267.9	207.0	151.0	100.9	57.9	21.9	0.0
30°	277.3	214.8	156.5	104.7	59.8	22.3	0.0
27.5°	286.0	222.0	161.8	108.2	61.5	22.7	0.0
25°	294.0	228.6	166.8	111.5	63.2	23.1	0.0
22.5°	301.1	234.5	171.3	114.4	64.7	23.4	0.0
20°	307.6	239.7	175.3	117.1	66.1	23.7	0.0
17.5°	312.9	244.1	178.9	119.4	67.3	23.8	0.0
15°	317.2	247.7	182.0	121.5	68.4	24.0	0.0
12.5°	320.7	250.5	184.7	123.2	69.3	24.1	0.0
10°	323.4	252.7	186.9	124.6	70.1	24.1	0.0
7.5°	325.3	254.1	188.6	125.8	70.7	24.1	0.0
5°	326.3	254.8	189.8	126.6	71.1	24.1	0.0
2.5°	326.5	254.9	190.6	127.0	71.4	24.0	0.0
0°	325.9	254.3	190.8	127.2	71.5	23.8	0.0
-2.5°	326.5	254.9	190.6	127.0	71.4	24.0	0.0
-5°	326.3	254.8	189.8	126.6	71.1	24.1	0.0
-7.5°	325.3	254.1	188.6	125.8	70.7	24.1	0.0
-10°	323.4	252.7	186.9	124.6	70.1	24.1	0.0
-12.5°	320.7	250.5	184.7	123.2	69.3	24.1	0.0
-15°	317.2	247.7	182.0	121.5	68.4	24.0	0.0
-17.5°	312.9	244.1	178.9	119.4	67.3	23.8	0.0
-20°	307.6	239.7	175.3	117.1	66.1	23.7	0.0

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REPORT NUMBER: P627699 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	301.1	234.5	171.3	114.4	64.7	23.4	0.0
-25°	294.0	228.6	166.8	111.5	63.2	23.1	0.0
-27.5°	286.0	222.0	161.8	108.2	61.5	22.7	0.0
-30°	277.3	214.8	156.5	104.7	59.8	22.3	0.0
-32.5°	267.9	207.0	151.0	100.9	57.9	21.9	0.0
-35°	257.8	198.6	145.1	96.9	55.9	21.4	0.0
-37.5°	247.1	190.1	138.7	92.5	53.8	20.8	0.0
-40°	235.6	181.7	132.0	88.0	51.6	20.2	0.0
-42.5°	223.6	172.8	125.4	83.2	49.2	19.5	0.0
-45°	210.9	163.4	118.9	78.3	46.8	18.8	0.0
-47.5°	197.7	153.7	112.1	73.3	44.3	18.1	0.0
-50°	185.2	143.5	105.0	69.1	41.8	17.3	0.0
-52.5°	172.6	132.9	97.7	65.1	39.1	16.4	0.0
-55°	159.4	123.2	90.0	60.9	36.4	15.5	0.0
-57.5°	145.9	113.3	82.1	56.6	33.6	14.6	0.0
-60°	132.1	103.2	74.1	52.1	30.7	13.6	0.0
-62.5°	119.7	92.8	67.7	47.5	28.5	12.6	0.0
-65°	106.9	82.1	61.2	42.7	26.2	11.6	0.0
-67.5°	93.8	72.3	54.4	37.8	23.8	10.5	0.0
-70°	80.6	63.3	47.4	32.8	21.4	9.4	0.0
-72.5°	68.9	54.1	40.3	28.6	18.9	8.3	0.0
-75°	57.2	44.7	33.1	24.6	16.3	7.2	0.0
-77.5°	45.3	35.2	27.4	20.6	13.7	6.0	0.0
-80°	33.2	27.4	22.0	16.5	11.0	4.8	0.0
-82.5°	24.6	20.6	16.5	12.4	8.3	3.6	0.0
-85°	16.4	13.7	11.0	8.3	5.5	2.4	0.0
-87.5°	8.2	6.9	5.5	4.1	2.8	1.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)