

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: P626680 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-735-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626680 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1C-735-U-VWR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

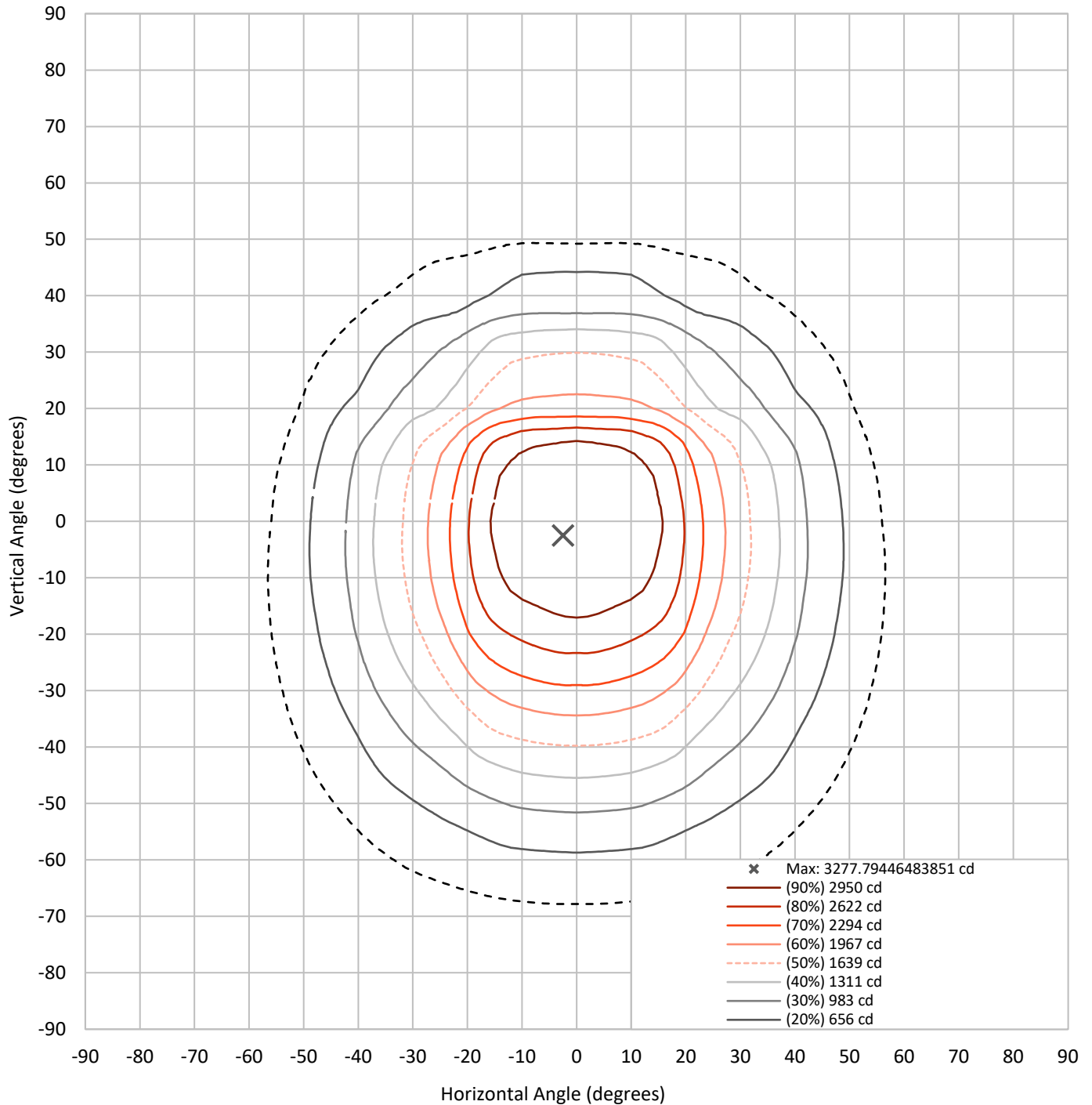
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	4374.3 lumens	Max Intensity:	3277.8 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	100.6 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	2530.8 lumens	Field Lumens:	4150.9 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	43.5		
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: P626680 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-735-U-VWR-VSR-XX

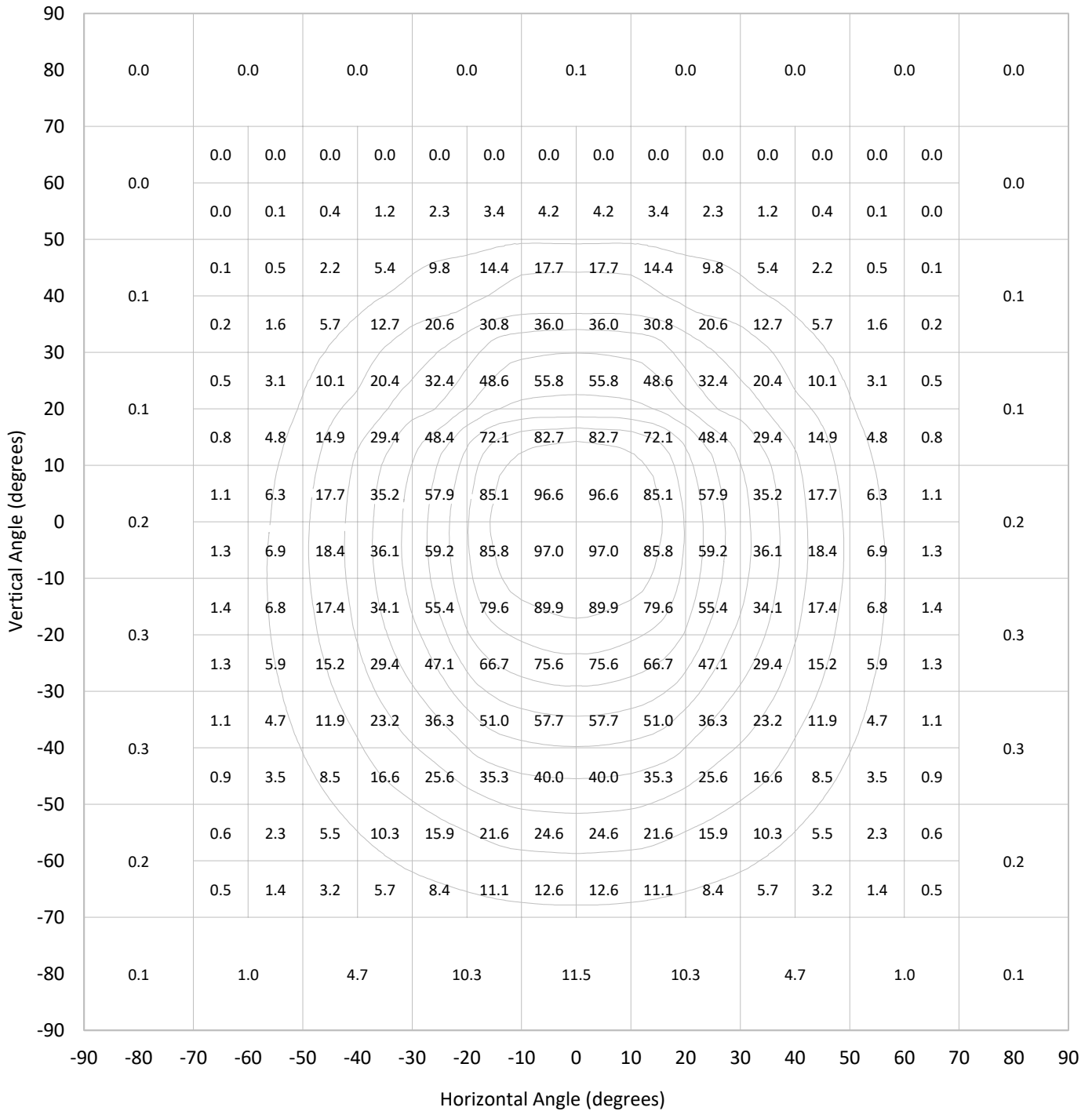
Iso-Candela Plot





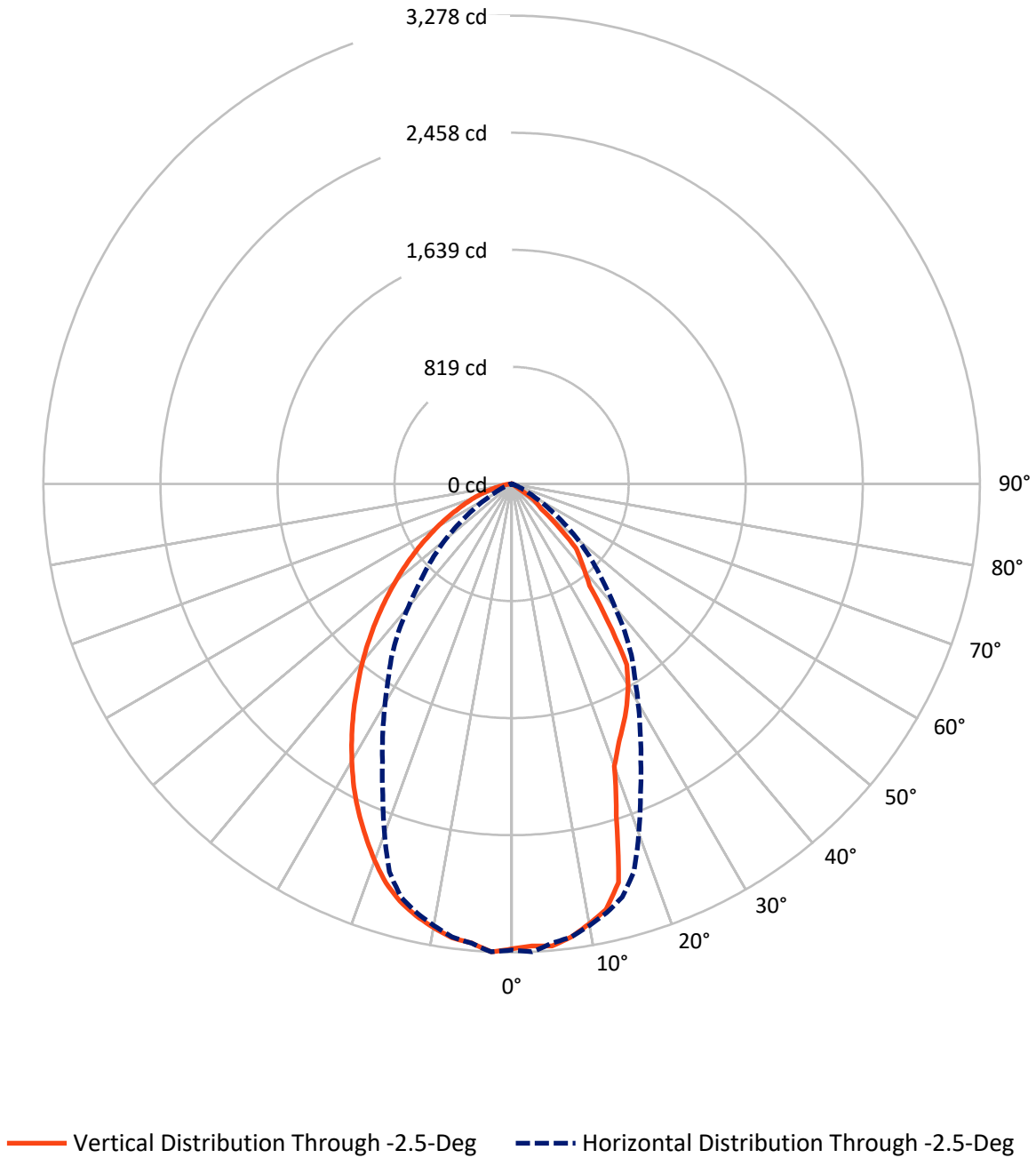
REPORT NUMBER: P626680 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-735-U-VWR-VSR-XX

Lumen Table



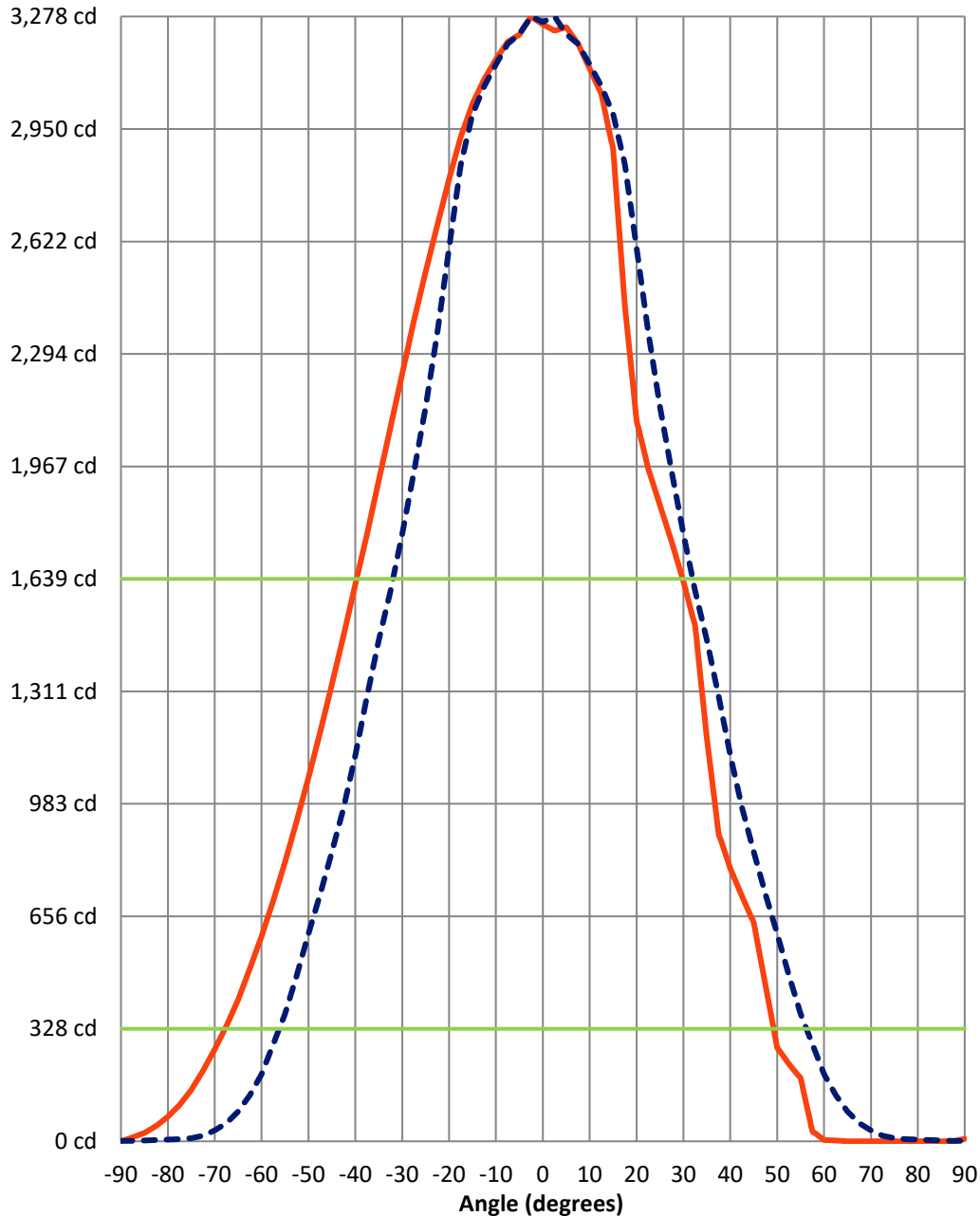
REPORT NUMBER: P626680 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-735-U-VWR-VSR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P626680 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-735-U-VWR-VSR-XX

Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 2530.8
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 4150.9
 Efficiency: 94.9%

Spill:
 Lumens: 223.4
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg
 - - - Horizontal Distribution through -2.5-Deg

Classified

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

Scaled Data Report



REPORT NUMBER: P626680 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-U-VWR-VSR-XX

FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	1.2	1.2	1.2	1.5	1.8	2.1	2.4	2.7	3.1	3.4	3.7
87.5°	1.2	1.2	1.2	1.2	1.1	1.0	0.9	0.6	0.4	0.2	0.0
85°	1.2	1.2	1.2	1.1	1.0	0.8	0.6	0.4	0.2	0.1	0.0
82.5°	1.2	1.2	1.2	1.1	0.9	0.6	0.3	0.1	0.0	0.2	0.3
80°	1.2	1.2	1.2	1.1	0.8	0.4	0.1	0.2	0.4	0.6	0.8
77.5°	1.2	1.2	1.2	1.0	0.7	0.4	0.4	0.6	0.8	1.1	1.1
75°	1.2	1.2	1.2	1.0	0.7	0.6	0.7	0.9	1.2	1.0	0.6
72.5°	1.2	1.2	1.2	1.0	0.8	0.8	1.0	1.2	1.0	0.7	0.2
70°	1.2	1.2	1.2	1.0	0.9	1.0	1.2	1.1	0.9	0.5	0.5
67.5°	1.2	1.2	1.2	1.0	1.0	1.1	1.2	1.1	0.8	0.9	1.1
65°	1.2	1.2	1.2	1.0	1.0	1.2	1.3	1.1	1.2	1.4	1.5
62.5°	1.2	1.2	1.2	1.1	1.1	1.3	1.3	1.4	1.6	1.8	1.7
60°	1.2	1.2	1.2	1.1	1.2	1.4	1.4	1.7	2.0	2.1	1.9
57.5°	1.2	1.2	1.2	1.1	1.3	1.6	1.7	2.1	2.4	2.4	2.4
55°	1.2	1.2	1.2	1.2	1.4	1.7	2.0	2.4	2.8	2.9	3.0
52.5°	1.2	1.2	1.3	1.2	1.6	1.8	2.3	2.8	3.2	3.4	3.5
50°	1.2	1.2	1.3	1.2	1.7	2.1	2.6	3.2	3.7	3.9	4.1
47.5°	1.2	1.2	1.3	1.2	1.8	2.3	2.9	3.5	4.1	4.4	4.7
45°	1.2	1.2	1.3	1.3	2.0	2.6	3.2	3.9	4.5	4.9	5.3
42.5°	1.2	1.2	1.4	1.4	2.1	2.8	3.5	4.2	5.0	5.4	6.4
40°	1.2	1.2	1.4	1.6	2.3	3.1	3.8	4.7	5.4	5.9	7.6
37.5°	1.2	1.2	1.5	1.8	2.5	3.3	4.1	5.1	6.0	6.7	8.9
35°	1.2	1.2	1.5	1.9	2.7	3.5	4.3	5.5	6.5	8.3	11.3
32.5°	1.2	1.2	1.6	2.1	2.8	3.7	4.6	6.0	7.1	10.1	16.2
30°	1.2	1.2	1.6	2.2	3.0	3.9	5.0	6.4	7.6	12.1	20.9
27.5°	1.2	1.2	1.7	2.4	3.2	4.1	5.3	6.9	8.7	14.4	25.4
25°	1.2	1.2	1.8	2.5	3.4	4.3	5.7	7.4	10.4	17.8	29.9
22.5°	1.2	1.2	1.8	2.7	3.6	4.5	6.0	7.9	12.3	21.5	35.7
20°	1.2	1.2	1.9	2.8	3.8	4.7	6.4	8.4	14.2	24.9	41.6
17.5°	1.2	1.2	2.0	2.9	3.9	4.9	6.7	8.8	16.2	28.2	47.3
15°	1.2	1.2	2.0	3.1	4.1	5.1	7.1	9.5	18.2	31.3	52.9
12.5°	1.2	1.2	2.1	3.2	4.3	5.3	7.4	10.3	20.4	34.2	58.3
10°	1.2	1.2	2.2	3.3	4.4	5.5	7.7	11.2	22.7	37.5	63.7
7.5°	1.2	1.2	2.2	3.4	4.5	5.7	8.0	12.1	24.9	40.7	69.3
5°	1.2	1.2	2.3	3.5	4.7	5.8	8.2	13.0	27.0	43.7	74.5
2.5°	1.2	1.2	2.3	3.6	4.8	6.0	8.4	13.9	28.9	46.5	79.2
0°	1.2	1.2	2.4	3.7	4.9	6.1	8.6	14.7	30.6	48.9	83.2
-2.5°	1.2	1.2	2.4	3.7	4.9	6.1	8.6	14.7	30.6	48.9	83.2
-5°	1.2	1.2	2.4	3.7	5.1	6.3	9.5	17.6	32.8	56.2	89.8
-7.5°	1.2	1.2	2.4	3.7	5.2	6.4	9.9	18.8	33.5	58.9	92.1
-10°	1.2	1.2	2.4	3.6	5.2	6.5	10.2	19.7	34.1	60.9	93.8
-12.5°	1.2	1.2	2.3	3.6	5.3	6.6	10.4	20.5	34.5	62.0	95.2
-15°	1.2	1.2	2.3	3.6	5.3	6.7	10.5	20.9	35.2	61.9	95.7
-17.5°	1.2	1.2	2.3	3.5	5.3	6.7	10.6	21.4	36.3	61.3	95.1
-20°	1.2	1.2	2.3	3.5	5.2	6.8	10.8	21.8	36.9	60.1	93.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626680 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	1.2	1.2	2.2	3.4	5.2	6.8	11.5	22.0	37.2	58.5	90.4
-25°	1.2	1.2	2.2	3.3	5.1	7.3	12.1	21.9	37.1	56.4	86.2
-27.5°	1.2	1.2	2.1	3.3	5.0	7.8	12.6	21.6	36.6	54.7	83.1
-30°	1.2	1.2	2.1	3.2	4.8	8.3	12.9	21.0	35.9	53.9	79.6
-32.5°	1.2	1.2	2.0	3.1	5.0	8.7	13.1	21.0	35.0	52.5	75.7
-35°	1.2	1.2	2.0	3.0	5.2	9.1	13.4	21.1	33.8	50.6	71.3
-37.5°	1.2	1.2	1.9	2.9	5.3	9.3	13.8	21.0	32.3	48.2	69.3
-40°	1.2	1.2	1.8	2.8	5.3	9.3	14.0	20.8	30.3	45.8	67.2
-42.5°	1.2	1.2	1.8	2.7	5.3	9.4	14.1	20.3	29.3	43.9	63.8
-45°	1.2	1.2	1.7	2.7	5.3	9.3	14.0	19.9	28.5	41.6	59.6
-47.5°	1.2	1.2	1.6	2.7	5.3	9.2	13.8	19.6	27.5	38.8	56.3
-50°	1.2	1.2	1.5	2.7	5.2	9.0	13.5	19.1	26.7	37.8	52.4
-52.5°	1.2	1.2	1.5	2.6	5.0	8.7	13.2	18.5	26.0	36.5	48.2
-55°	1.2	1.2	1.4	2.5	4.8	8.3	12.7	17.6	25.2	34.8	46.2
-57.5°	1.2	1.2	1.3	2.5	4.5	7.9	12.1	16.9	24.0	33.1	43.8
-60°	1.2	1.2	1.2	2.4	4.2	7.3	11.5	16.1	22.5	31.0	41.1
-62.5°	1.2	1.2	1.2	2.2	4.0	6.7	10.5	15.0	20.6	28.6	37.9
-65°	1.2	1.2	1.2	2.1	3.7	6.0	9.5	13.6	18.4	25.4	34.3
-67.5°	1.2	1.2	1.2	1.9	3.4	5.3	8.3	11.9	15.8	21.6	29.4
-70°	1.2	1.2	1.2	1.8	3.1	4.9	7.1	10.1	13.5	17.4	23.8
-72.5°	1.2	1.2	1.2	1.7	2.8	4.3	6.2	8.2	11.1	14.4	18.2
-75°	1.2	1.2	1.2	1.7	2.4	3.8	5.4	7.0	8.6	11.4	14.5
-77.5°	1.2	1.2	1.2	1.7	2.3	3.2	4.6	5.9	7.2	8.6	10.6
-80°	1.2	1.2	1.2	1.6	2.2	2.9	3.8	4.7	5.8	6.9	8.2
-82.5°	1.2	1.2	1.2	1.6	2.1	2.7	3.4	3.9	4.4	5.2	6.2
-85°	1.2	1.2	1.2	1.6	2.0	2.5	3.1	3.5	3.9	4.3	4.7
-87.5°	1.2	1.2	1.2	1.5	1.9	2.3	2.7	3.1	3.5	3.8	4.2
-90°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.9	0.6	0.3	0.0



REPORT NUMBER: P626680 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	4.0	4.3	4.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.8	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.7	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.2	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.7	0.7	0.5	0.2	0.0	0.1	0.2	0.1	0.0	0.1	0.2
67.5°	1.1	0.8	0.5	0.3	0.5	0.6	0.6	0.6	0.7	0.7	0.6
65°	1.2	0.9	0.9	1.0	1.2	1.3	1.4	1.5	1.2	1.1	1.1
62.5°	1.3	1.4	1.6	1.8	1.9	2.1	2.1	1.9	1.4	1.8	2.1
60°	1.8	2.0	2.2	2.5	2.7	2.9	2.8	2.8	3.1	3.6	6.9
57.5°	2.4	2.6	2.9	3.3	3.6	3.7	3.8	4.2	9.7	15.8	17.5
55°	3.1	3.2	3.7	4.3	4.7	4.7	6.7	14.1	21.3	29.6	32.6
52.5°	3.7	4.0	4.9	5.6	6.1	9.4	17.0	27.1	37.7	47.2	59.4
50°	4.4	5.2	6.1	7.2	11.5	20.3	31.4	45.1	61.2	76.3	91.8
47.5°	5.5	6.5	7.9	11.4	22.7	34.9	50.2	72.4	92.2	110.4	131.6
45°	6.7	9.0	10.6	22.6	35.7	51.5	77.4	104.5	122.4	146.9	184.4
42.5°	8.1	12.5	20.2	34.1	50.1	75.5	107.6	130.7	154.6	194.3	233.7
40°	11.6	16.8	30.5	47.0	67.3	104.3	137.3	163.5	196.1	240.0	281.2
37.5°	15.9	25.6	41.0	60.8	94.2	134.9	170.2	207.6	245.0	286.5	362.9
35°	20.7	33.8	54.3	80.9	121.2	168.7	210.8	252.6	295.8	377.4	453.1
32.5°	26.9	41.4	68.2	104.4	150.3	202.5	251.4	299.7	368.9	461.3	537.3
30°	33.6	53.5	84.2	126.1	177.8	233.5	292.3	350.7	442.4	518.8	601.3
27.5°	40.6	66.3	102.9	148.8	203.5	262.7	329.1	412.4	494.1	569.6	660.4
25°	47.7	79.7	120.1	170.5	228.8	294.3	370.6	472.1	536.1	619.5	714.1
22.5°	57.0	92.5	137.1	190.1	252.2	326.7	424.0	526.0	601.3	671.4	763.9
20°	67.7	106.8	155.5	214.8	275.2	358.4	477.2	584.4	672.9	753.3	838.2
17.5°	77.7	120.3	175.3	239.9	308.6	399.0	529.3	648.0	745.4	834.9	940.9
15°	86.9	132.7	194.6	263.8	341.4	445.6	576.1	706.4	817.7	918.4	1038.8
12.5°	95.3	144.0	213.3	286.0	372.4	485.7	615.3	742.5	864.8	996.1	1132.8
10°	102.9	154.2	230.9	306.6	401.1	519.6	647.8	772.7	896.1	1034.9	1186.9
7.5°	111.1	163.8	246.9	325.3	427.2	547.7	673.7	796.8	921.3	1066.0	1222.0
5°	118.6	172.6	259.6	338.7	447.3	569.5	693.2	815.2	940.5	1089.2	1248.6
2.5°	125.3	180.0	269.9	349.2	462.2	585.6	705.8	830.5	954.7	1108.0	1268.9
0°	130.9	186.0	277.8	357.3	473.5	597.1	713.3	840.6	963.0	1120.8	1282.3
-2.5°	134.5	195.8	283.2	371.4	483.4	604.7	720.0	843.4	971.9	1124.9	1297.3
-5°	137.0	203.8	286.5	382.2	489.8	608.0	722.2	841.2	974.3	1123.9	1299.5
-7.5°	138.5	209.4	288.0	388.4	492.1	606.0	718.5	837.1	970.4	1120.0	1289.8
-10°	139.3	211.1	290.1	386.5	489.1	599.4	710.2	827.4	959.3	1107.5	1271.4
-12.5°	141.6	210.0	289.7	382.4	482.7	589.5	697.9	812.0	940.8	1086.1	1245.8
-15°	142.2	207.5	286.2	376.3	472.9	576.5	681.9	790.9	918.0	1065.3	1217.6
-17.5°	140.9	203.7	279.4	368.6	459.7	560.8	662.9	771.9	896.6	1041.4	1188.0
-20°	137.7	198.7	269.2	359.5	444.1	543.4	644.0	751.9	872.0	1008.1	1154.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626680 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	132.3	192.8	258.1	346.7	430.6	523.3	621.8	724.7	841.2	964.9	1110.2
-25°	126.8	186.0	249.4	329.2	414.3	499.9	596.3	691.5	805.0	926.5	1055.4
-27.5°	121.5	176.6	240.3	310.1	395.2	474.9	567.4	660.3	764.2	883.3	1002.0
-30°	114.7	166.5	229.2	291.6	372.3	451.3	535.2	626.7	720.1	833.1	949.9
-32.5°	108.6	155.9	216.6	277.6	347.7	424.8	500.5	587.7	678.9	775.2	890.7
-35°	104.6	149.7	203.2	261.4	322.7	396.0	468.0	543.7	632.1	722.5	823.8
-37.5°	101.3	142.5	189.2	244.4	302.8	365.7	433.1	502.8	579.9	671.0	766.3
-40°	96.1	134.4	178.7	228.3	279.8	337.0	399.6	462.7	529.5	618.5	712.6
-42.5°	89.5	126.6	168.9	210.8	257.9	310.1	365.7	425.1	489.3	566.6	653.1
-45°	84.4	116.6	158.0	195.5	234.5	282.2	334.4	388.2	448.8	515.2	592.8
-47.5°	77.9	105.7	143.7	178.8	213.1	253.9	301.6	352.6	406.2	466.0	529.6
-50°	71.0	96.6	126.3	160.4	193.1	227.0	267.8	314.9	363.5	415.6	472.4
-52.5°	65.7	86.0	113.1	141.5	172.7	203.4	238.1	278.5	321.9	365.5	415.4
-55°	59.8	78.2	100.5	126.0	152.5	181.0	212.6	248.0	283.4	323.4	363.2
-57.5°	55.6	70.7	90.0	112.1	136.0	160.2	190.0	219.9	252.7	285.8	318.9
-60°	52.4	64.2	80.2	99.7	121.0	143.6	168.0	195.7	223.9	251.0	279.5
-62.5°	48.6	58.9	71.4	87.3	106.6	126.2	147.7	171.4	197.0	219.7	241.9
-65°	43.8	52.7	63.5	76.4	91.5	108.1	126.5	146.4	168.5	187.0	205.1
-67.5°	38.2	45.8	54.8	65.3	77.9	90.9	104.4	121.2	139.1	154.2	169.0
-70°	31.2	38.2	45.6	54.2	64.0	75.1	86.9	99.1	111.4	123.7	137.2
-72.5°	23.9	30.3	36.5	42.6	50.5	59.5	69.2	79.4	90.2	100.7	110.9
-75°	18.2	22.3	27.8	33.3	38.8	44.6	51.2	59.3	69.3	79.5	88.9
-77.5°	13.8	17.2	20.9	24.7	28.1	32.4	37.1	42.2	50.4	59.9	69.4
-80°	9.9	12.0	14.9	18.0	20.4	22.8	25.3	27.8	33.9	41.5	49.6
-82.5°	7.4	8.8	10.4	12.2	13.4	14.6	15.9	17.6	22.1	27.3	32.7
-85°	5.1	5.5	6.4	7.3	8.0	8.7	9.4	10.1	12.6	15.3	18.3
-87.5°	4.4	4.6	4.8	5.1	5.2	5.2	5.3	5.4	6.2	7.1	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



REPORT NUMBER: P626680 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	4.9	5.2	5.5	5.8	6.1	6.4	6.7	7.0	7.3	7.3	7.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.5	0.6	0.6	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.3	1.2	0.9	0.6	0.3	0.5	0.7	0.9	0.9	0.8	0.6
62.5°	1.9	1.8	1.6	1.8	2.2	2.5	2.4	2.3	2.1	2.0	2.1
60°	7.2	4.8	5.5	7.0	6.5	4.5	7.4	8.3	7.1	4.8	4.7
57.5°	18.3	17.7	20.3	29.6	32.6	29.7	35.5	43.1	42.8	36.9	36.7
55°	39.1	52.4	68.5	71.1	82.4	104.9	122.4	114.7	114.6	120.4	139.0
52.5°	74.2	86.8	91.5	104.0	127.5	144.5	155.4	166.7	179.1	191.8	204.6
50°	108.9	121.1	135.0	147.8	180.3	197.8	194.9	218.3	248.3	267.0	276.7
47.5°	159.8	179.1	208.4	254.4	278.6	296.1	317.9	344.4	378.8	425.4	461.4
45°	219.7	249.9	295.4	344.2	381.8	398.9	423.9	465.0	519.8	573.1	612.1
42.5°	268.6	310.1	361.4	408.1	438.7	466.9	499.1	533.8	596.6	653.6	698.6
40°	332.4	364.8	422.3	466.3	493.8	521.7	572.8	624.7	683.7	736.8	773.7
37.5°	413.4	449.8	509.6	559.4	585.8	595.7	682.6	754.9	802.9	870.6	892.8
35°	500.3	560.3	636.6	701.1	727.0	778.7	868.2	969.0	1078.2	1118.4	1152.7
32.5°	597.3	671.4	774.8	844.0	881.0	959.4	1072.8	1180.4	1323.2	1400.7	1423.9
30°	686.1	771.0	859.9	927.2	990.4	1084.9	1188.3	1321.0	1453.0	1552.1	1582.9
27.5°	751.2	845.2	930.6	993.7	1065.0	1166.9	1295.8	1430.1	1559.8	1660.9	1696.8
25°	813.3	919.6	987.3	1060.6	1144.3	1255.3	1398.2	1547.5	1675.2	1760.6	1804.7
22.5°	884.0	988.8	1061.5	1123.6	1233.0	1361.0	1493.6	1662.3	1797.6	1865.8	1913.5
20°	957.0	1075.6	1187.8	1245.5	1340.3	1502.3	1650.7	1810.0	1940.6	2011.6	2062.0
17.5°	1058.9	1209.9	1347.5	1429.3	1530.7	1724.5	1909.7	2070.8	2252.5	2316.7	2378.2
15°	1166.3	1341.1	1502.3	1631.8	1762.9	1954.8	2193.2	2387.6	2595.0	2687.6	2792.3
12.5°	1273.3	1438.7	1584.8	1751.9	1936.6	2106.4	2333.3	2575.4	2763.6	2881.7	2952.2
10°	1353.3	1507.0	1647.5	1815.0	1999.4	2191.4	2416.9	2665.1	2862.1	2962.9	3020.4
7.5°	1396.5	1543.6	1691.7	1861.5	2045.1	2249.6	2482.0	2728.2	2929.6	3027.3	3084.1
5°	1428.6	1569.8	1723.3	1902.0	2087.6	2295.0	2527.0	2770.3	2953.9	3057.7	3129.5
2.5°	1448.0	1586.4	1743.4	1928.1	2114.2	2330.2	2573.5	2825.6	2986.3	3069.8	3135.9
0°	1453.6	1593.1	1754.6	1941.8	2132.7	2350.5	2591.5	2841.1	3003.9	3084.6	3151.9
-2.5°	1459.9	1603.6	1769.5	1950.6	2140.0	2357.1	2603.2	2846.4	2992.8	3074.3	3138.3
-5°	1455.5	1604.4	1769.8	1943.3	2133.8	2349.3	2585.5	2812.9	2966.0	3054.1	3117.8
-7.5°	1442.4	1593.3	1757.0	1923.8	2110.7	2328.6	2563.8	2782.8	2937.9	3030.8	3100.4
-10°	1423.2	1569.8	1734.6	1903.5	2088.1	2295.5	2527.2	2744.8	2893.3	2991.9	3073.1
-12.5°	1402.0	1545.5	1704.4	1866.4	2049.0	2253.8	2478.2	2684.3	2831.9	2939.5	2997.5
-15°	1370.5	1513.9	1665.8	1822.5	2000.5	2199.2	2413.6	2611.3	2756.3	2843.8	2907.9
-17.5°	1330.4	1471.2	1615.2	1763.8	1931.5	2127.2	2342.9	2537.9	2656.0	2734.2	2797.2
-20°	1287.5	1417.7	1554.2	1694.4	1856.9	2050.8	2262.6	2432.7	2544.1	2619.2	2678.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626680 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1238.6	1363.9	1488.8	1622.9	1782.3	1960.0	2147.1	2311.4	2431.2	2499.6	2554.5
-25°	1182.7	1304.6	1423.2	1552.7	1699.2	1859.0	2032.9	2194.4	2301.6	2374.3	2428.8
-27.5°	1122.4	1237.0	1352.9	1469.2	1600.8	1760.0	1921.1	2071.2	2162.7	2235.9	2290.8
-30°	1062.3	1165.4	1272.6	1382.6	1506.3	1649.8	1800.5	1926.6	2023.2	2094.4	2145.3
-32.5°	997.2	1095.0	1190.0	1292.8	1409.2	1535.7	1668.0	1788.0	1891.1	1956.3	1999.2
-35°	930.5	1025.1	1112.1	1205.5	1308.1	1417.3	1539.3	1657.7	1759.5	1811.1	1852.9
-37.5°	861.0	955.4	1037.8	1115.8	1204.2	1305.3	1424.2	1537.2	1625.2	1669.5	1707.2
-40°	800.6	883.7	957.8	1032.5	1104.4	1194.1	1305.1	1414.5	1485.1	1528.3	1563.3
-42.5°	741.9	812.0	872.8	939.7	1011.6	1100.1	1189.7	1281.4	1338.1	1386.1	1423.0
-45°	673.6	736.3	793.2	848.9	914.5	995.3	1076.6	1150.1	1203.2	1249.6	1285.5
-47.5°	598.0	658.5	713.9	763.6	824.6	892.0	960.5	1021.6	1074.1	1119.9	1151.9
-50°	527.6	581.7	635.7	686.0	738.9	793.4	848.9	902.6	952.4	996.9	1024.2
-52.5°	464.6	514.4	561.6	605.7	651.9	698.0	744.0	793.1	838.9	881.1	902.8
-55°	407.5	452.5	495.1	532.1	569.2	605.8	645.2	690.6	732.8	771.8	787.4
-57.5°	356.3	394.8	432.5	463.8	494.1	523.1	557.8	596.1	633.0	666.5	679.2
-60°	309.2	339.7	371.2	399.0	425.4	450.3	480.5	511.4	541.3	566.5	577.4
-62.5°	265.8	291.9	315.8	338.4	360.7	383.2	407.5	432.0	456.2	475.7	485.5
-65°	224.0	244.8	264.0	282.6	300.7	319.5	338.5	357.1	375.0	388.9	397.4
-67.5°	184.7	200.5	215.8	230.3	245.4	260.6	275.6	289.8	303.3	314.0	322.1
-70°	149.9	162.2	174.1	186.1	198.8	210.6	221.9	232.5	242.5	250.3	256.5
-72.5°	120.9	130.8	141.1	151.9	162.1	171.0	179.1	186.9	194.3	198.7	201.9
-75°	97.5	105.8	114.8	123.5	132.0	138.8	144.7	150.5	156.0	156.3	155.2
-77.5°	78.7	86.2	93.1	100.0	106.8	110.9	114.6	118.3	122.1	119.9	116.5
-80°	57.8	64.0	69.9	75.8	81.7	84.2	85.9	87.4	88.6	85.8	82.2
-82.5°	38.3	42.3	46.1	50.0	53.9	55.5	56.7	57.7	58.4	55.9	52.9
-85°	21.4	23.3	25.1	27.0	28.8	30.0	31.0	31.9	32.8	31.2	29.5
-87.5°	8.9	9.3	9.7	10.1	10.5	10.9	11.3	11.7	12.0	12.1	12.1
-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: P626680 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.4	0.1	0.0	0.0	0.0	0.1	0.4	0.6	0.8	0.9	0.9
62.5°	2.2	2.3	2.4	2.4	2.4	2.3	2.2	2.1	2.0	2.1	2.3
60°	4.3	3.8	3.7	3.7	3.7	3.8	4.3	4.7	4.8	7.1	8.3
57.5°	33.9	29.0	29.7	33.0	29.7	29.0	33.9	36.7	36.9	42.8	43.1
55°	158.5	177.0	183.5	179.9	183.5	177.0	158.5	139.0	120.4	114.6	114.7
52.5°	214.8	222.4	225.3	225.1	225.3	222.4	214.8	204.6	191.8	179.1	166.7
50°	279.6	277.0	273.1	269.2	273.1	277.0	279.6	276.7	267.0	248.3	218.3
47.5°	466.6	458.5	455.1	461.3	455.1	458.5	466.6	461.4	425.4	378.8	344.4
45°	620.1	629.5	636.6	636.3	636.6	629.5	620.1	612.1	573.1	519.8	465.0
42.5°	707.4	712.5	713.9	712.1	713.9	712.5	707.4	698.6	653.6	596.6	533.8
40°	785.3	791.3	794.7	797.8	794.7	791.3	785.3	773.7	736.8	683.7	624.7
37.5°	900.1	902.3	897.5	894.4	897.5	902.3	900.1	892.8	870.6	802.9	754.9
35°	1181.6	1187.4	1174.0	1188.1	1174.0	1187.4	1181.6	1152.7	1118.4	1078.2	969.0
32.5°	1451.5	1478.5	1500.4	1518.5	1500.4	1478.5	1451.5	1423.9	1400.7	1323.2	1180.4
30°	1604.4	1621.8	1631.2	1633.5	1631.2	1621.8	1604.4	1582.9	1552.1	1453.0	1321.0
27.5°	1716.7	1734.9	1746.3	1754.6	1746.3	1734.9	1716.7	1696.8	1660.9	1559.8	1430.1
25°	1824.9	1841.6	1853.0	1857.4	1853.0	1841.6	1824.9	1804.7	1760.6	1675.2	1547.5
22.5°	1937.2	1948.8	1959.7	1965.1	1959.7	1948.8	1937.2	1913.5	1865.8	1797.6	1662.3
20°	2098.1	2091.8	2101.7	2098.4	2101.7	2091.8	2098.1	2062.0	2011.6	1940.6	1810.0
17.5°	2426.1	2429.5	2436.2	2447.1	2436.2	2429.5	2426.1	2378.2	2316.7	2252.5	2070.8
15°	2838.7	2847.0	2889.2	2926.8	2889.2	2847.0	2838.7	2792.3	2687.6	2595.0	2387.6
12.5°	3017.6	3046.3	3050.8	3061.4	3050.8	3046.3	3017.6	2952.2	2881.7	2763.6	2575.4
10°	3077.3	3127.0	3126.0	3138.5	3126.0	3127.0	3077.3	3020.4	2962.9	2862.1	2665.1
7.5°	3122.6	3176.0	3198.6	3208.2	3198.6	3176.0	3122.6	3084.1	3027.3	2929.6	2728.2
5°	3177.9	3207.3	3246.3	3235.1	3246.3	3207.3	3177.9	3129.5	3057.7	2953.9	2770.3
2.5°	3201.1	3247.1	3236.5	3247.4	3236.5	3247.1	3201.1	3135.9	3069.8	2986.3	2825.6
0°	3216.8	3249.8	3254.7	3265.7	3254.7	3249.8	3216.8	3151.9	3084.6	3003.9	2841.1
-2.5°	3197.8	3226.9	3277.8	3262.0	3277.8	3226.9	3197.8	3138.3	3074.3	2992.8	2846.4
-5°	3181.2	3252.7	3224.9	3259.6	3224.9	3252.7	3181.2	3117.8	3054.1	2966.0	2812.9
-7.5°	3172.6	3185.4	3203.8	3230.2	3203.8	3185.4	3172.6	3100.4	3030.8	2937.9	2782.8
-10°	3106.1	3119.3	3153.2	3171.5	3153.2	3119.3	3106.1	3073.1	2991.9	2893.3	2744.8
-12.5°	3034.1	3059.5	3095.1	3106.7	3095.1	3059.5	3034.1	2997.5	2939.5	2831.9	2684.3
-15°	2951.2	2988.8	3023.5	3030.8	3023.5	2988.8	2951.2	2907.9	2843.8	2756.3	2611.3
-17.5°	2845.7	2890.8	2927.3	2935.4	2927.3	2890.8	2845.7	2797.2	2734.2	2656.0	2537.9
-20°	2729.4	2772.6	2803.6	2813.0	2803.6	2772.6	2729.4	2678.6	2619.2	2544.1	2432.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626680 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2605.0	2643.9	2670.1	2666.2	2670.1	2643.9	2605.0	2554.5	2499.6	2431.2	2311.4
-25°	2472.8	2508.9	2533.9	2530.3	2533.9	2508.9	2472.8	2428.8	2374.3	2301.6	2194.4
-27.5°	2333.1	2367.3	2391.3	2392.1	2391.3	2367.3	2333.1	2290.8	2235.9	2162.7	2071.2
-30°	2186.3	2217.4	2236.9	2229.4	2236.9	2217.4	2186.3	2145.3	2094.4	2023.2	1926.6
-32.5°	2034.9	2063.0	2080.9	2086.2	2080.9	2063.0	2034.9	1999.2	1956.3	1891.1	1788.0
-35°	1885.5	1910.3	1925.8	1929.6	1925.8	1910.3	1885.5	1852.9	1811.1	1759.5	1657.7
-37.5°	1737.2	1758.5	1769.3	1764.4	1769.3	1758.5	1737.2	1707.2	1669.5	1625.2	1537.2
-40°	1590.6	1610.9	1623.2	1626.1	1623.2	1610.9	1590.6	1563.3	1528.3	1485.1	1414.5
-42.5°	1446.4	1463.3	1474.1	1479.3	1474.1	1463.3	1446.4	1423.0	1386.1	1338.1	1281.4
-45°	1306.5	1321.6	1331.7	1337.4	1331.7	1321.6	1306.5	1285.5	1249.6	1203.2	1150.1
-47.5°	1170.3	1183.6	1192.3	1196.7	1192.3	1183.6	1170.3	1151.9	1119.9	1074.1	1021.6
-50°	1040.1	1051.6	1059.8	1064.5	1059.8	1051.6	1040.1	1024.2	996.9	952.4	902.6
-52.5°	916.7	926.7	933.7	937.3	933.7	926.7	916.7	902.8	881.1	838.9	793.1
-55°	798.8	807.0	813.4	817.3	813.4	807.0	798.8	787.4	771.8	732.8	690.6
-57.5°	688.9	695.5	701.6	706.0	701.6	695.5	688.9	679.2	666.5	633.0	596.1
-60°	586.0	592.3	597.5	600.8	597.5	592.3	586.0	577.4	566.5	541.3	511.4
-62.5°	493.2	498.7	503.5	506.6	503.5	498.7	493.2	485.5	475.7	456.2	432.0
-65°	404.1	409.1	412.6	414.8	412.6	409.1	404.1	397.4	388.9	375.0	357.1
-67.5°	329.1	334.8	336.0	335.3	336.0	334.8	329.1	322.1	314.0	303.3	289.8
-70°	262.1	267.0	268.1	268.0	268.1	267.0	262.1	256.5	250.3	242.5	232.5
-72.5°	205.0	207.6	205.3	201.9	205.3	207.6	205.0	201.9	198.7	194.3	186.9
-75°	153.8	152.1	149.7	146.8	149.7	152.1	153.8	155.2	156.3	156.0	150.5
-77.5°	112.6	108.5	105.8	102.8	105.8	108.5	112.6	116.5	119.9	122.1	118.3
-80°	78.4	74.3	71.5	68.5	71.5	74.3	78.4	82.2	85.8	88.6	87.4
-82.5°	49.7	46.3	44.6	42.8	44.6	46.3	49.7	52.9	55.9	58.4	57.7
-85°	27.6	25.6	24.4	23.2	24.4	25.6	27.6	29.5	31.2	32.8	31.9
-87.5°	12.2	12.2	11.6	11.0	11.6	12.2	12.2	12.1	12.1	12.0	11.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626680 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	6.7	6.4	6.1	5.8	5.5	5.2	4.9	4.6	4.3	4.0	3.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.0	0.1
67.5°	0.0	0.0	0.2	0.5	0.6	0.6	0.5	0.6	0.7	0.7	0.6
65°	0.7	0.5	0.3	0.6	0.9	1.2	1.3	1.1	1.1	1.2	1.5
62.5°	2.4	2.5	2.2	1.8	1.6	1.8	1.9	2.1	1.8	1.4	1.9
60°	7.4	4.5	6.5	7.0	5.5	4.8	7.2	6.9	3.6	3.1	2.8
57.5°	35.5	29.7	32.6	29.6	20.3	17.7	18.3	17.5	15.8	9.7	4.2
55°	122.4	104.9	82.4	71.1	68.5	52.4	39.1	32.6	29.6	21.3	14.1
52.5°	155.4	144.5	127.5	104.0	91.5	86.8	74.2	59.4	47.2	37.7	27.1
50°	194.9	197.8	180.3	147.8	135.0	121.1	108.9	91.8	76.3	61.2	45.1
47.5°	317.9	296.1	278.6	254.4	208.4	179.1	159.8	131.6	110.4	92.2	72.4
45°	423.9	398.9	381.8	344.2	295.4	249.9	219.7	184.4	146.9	122.4	104.5
42.5°	499.1	466.9	438.7	408.1	361.4	310.1	268.6	233.7	194.3	154.6	130.7
40°	572.8	521.7	493.8	466.3	422.3	364.8	332.4	281.2	240.0	196.1	163.5
37.5°	682.6	595.7	585.8	559.4	509.6	449.8	413.4	362.9	286.5	245.0	207.6
35°	868.2	778.7	727.0	701.1	636.6	560.3	500.3	453.1	377.4	295.8	252.6
32.5°	1072.8	959.4	881.0	844.0	774.8	671.4	597.3	537.3	461.3	368.9	299.7
30°	1188.3	1084.9	990.4	927.2	859.9	771.0	686.1	601.3	518.8	442.4	350.7
27.5°	1295.8	1166.9	1065.0	993.7	930.6	845.2	751.2	660.4	569.6	494.1	412.4
25°	1398.2	1255.3	1144.3	1060.6	987.3	919.6	813.3	714.1	619.5	536.1	472.1
22.5°	1493.6	1361.0	1233.0	1123.6	1061.5	988.8	884.0	763.9	671.4	601.3	526.0
20°	1650.7	1502.3	1340.3	1245.5	1187.8	1075.6	957.0	838.2	753.3	672.9	584.4
17.5°	1909.7	1724.5	1530.7	1429.3	1347.5	1209.9	1058.9	940.9	834.9	745.4	648.0
15°	2193.2	1954.8	1762.9	1631.8	1502.3	1341.1	1166.3	1038.8	918.4	817.7	706.4
12.5°	2333.3	2106.4	1936.6	1751.9	1584.8	1438.7	1273.3	1132.8	996.1	864.8	742.5
10°	2416.9	2191.4	1999.4	1815.0	1647.5	1507.0	1353.3	1186.9	1034.9	896.1	772.7
7.5°	2482.0	2249.6	2045.1	1861.5	1691.7	1543.6	1396.5	1222.0	1066.0	921.3	796.8
5°	2527.0	2295.0	2087.6	1902.0	1723.3	1569.8	1428.6	1248.6	1089.2	940.5	815.2
2.5°	2573.5	2330.2	2114.2	1928.1	1743.4	1586.4	1448.0	1268.9	1108.0	954.7	830.5
0°	2591.5	2350.5	2132.7	1941.8	1754.6	1593.1	1453.6	1282.3	1120.8	963.0	840.6
-2.5°	2603.2	2357.1	2140.0	1950.6	1769.5	1603.6	1459.9	1297.3	1124.9	971.9	843.4
-5°	2585.5	2349.3	2133.8	1943.3	1769.8	1604.4	1455.5	1299.5	1123.9	974.3	841.2
-7.5°	2563.8	2328.6	2110.7	1923.8	1757.0	1593.3	1442.4	1289.8	1120.0	970.4	837.1
-10°	2527.2	2295.5	2088.1	1903.5	1734.6	1569.8	1423.2	1271.4	1107.5	959.3	827.4
-12.5°	2478.2	2253.8	2049.0	1866.4	1704.4	1545.5	1402.0	1245.8	1086.1	940.8	812.0
-15°	2413.6	2199.2	2000.5	1822.5	1665.8	1513.9	1370.5	1217.6	1065.3	918.0	790.9
-17.5°	2342.9	2127.2	1931.5	1763.8	1615.2	1471.2	1330.4	1188.0	1041.4	896.6	771.9
-20°	2262.6	2050.8	1856.9	1694.4	1554.2	1417.7	1287.5	1154.8	1008.1	872.0	751.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626680 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2147.1	1960.0	1782.3	1622.9	1488.8	1363.9	1238.6	1110.2	964.9	841.2	724.7
-25°	2032.9	1859.0	1699.2	1552.7	1423.2	1304.6	1182.7	1055.4	926.5	805.0	691.5
-27.5°	1921.1	1760.0	1600.8	1469.2	1352.9	1237.0	1122.4	1002.0	883.3	764.2	660.3
-30°	1800.5	1649.8	1506.3	1382.6	1272.6	1165.4	1062.3	949.9	833.1	720.1	626.7
-32.5°	1668.0	1535.7	1409.2	1292.8	1190.0	1095.0	997.2	890.7	775.2	678.9	587.7
-35°	1539.3	1417.3	1308.1	1205.5	1112.1	1025.1	930.5	823.8	722.5	632.1	543.7
-37.5°	1424.2	1305.3	1204.2	1115.8	1037.8	955.4	861.0	766.3	671.0	579.9	502.8
-40°	1305.1	1194.1	1104.4	1032.5	957.8	883.7	800.6	712.6	618.5	529.5	462.7
-42.5°	1189.7	1100.1	1011.6	939.7	872.8	812.0	741.9	653.1	566.6	489.3	425.1
-45°	1076.6	995.3	914.5	848.9	793.2	736.3	673.6	592.8	515.2	448.8	388.2
-47.5°	960.5	892.0	824.6	763.6	713.9	658.5	598.0	529.6	466.0	406.2	352.6
-50°	848.9	793.4	738.9	686.0	635.7	581.7	527.6	472.4	415.6	363.5	314.9
-52.5°	744.0	698.0	651.9	605.7	561.6	514.4	464.6	415.4	365.5	321.9	278.5
-55°	645.2	605.8	569.2	532.1	495.1	452.5	407.5	363.2	323.4	283.4	248.0
-57.5°	557.8	523.1	494.1	463.8	432.5	394.8	356.3	318.9	285.8	252.7	219.9
-60°	480.5	450.3	425.4	399.0	371.2	339.7	309.2	279.5	251.0	223.9	195.7
-62.5°	407.5	383.2	360.7	338.4	315.8	291.9	265.8	241.9	219.7	197.0	171.4
-65°	338.5	319.5	300.7	282.6	264.0	244.8	224.0	205.1	187.0	168.5	146.4
-67.5°	275.6	260.6	245.4	230.3	215.8	200.5	184.7	169.0	154.2	139.1	121.2
-70°	221.9	210.6	198.8	186.1	174.1	162.2	149.9	137.2	123.7	111.4	99.1
-72.5°	179.1	171.0	162.1	151.9	141.1	130.8	120.9	110.9	100.7	90.2	79.4
-75°	144.7	138.8	132.0	123.5	114.8	105.8	97.5	88.9	79.5	69.3	59.3
-77.5°	114.6	110.9	106.8	100.0	93.1	86.2	78.7	69.4	59.9	50.4	42.2
-80°	85.9	84.2	81.7	75.8	69.9	64.0	57.8	49.6	41.5	33.9	27.8
-82.5°	56.7	55.5	53.9	50.0	46.1	42.3	38.3	32.7	27.3	22.1	17.6
-85°	31.0	30.0	28.8	27.0	25.1	23.3	21.4	18.3	15.3	12.6	10.1
-87.5°	11.3	10.9	10.5	10.1	9.7	9.3	8.9	8.0	7.1	6.2	5.4
-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: P626680 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.4	3.1	2.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.6
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4
82.5°	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.3	0.2	0.0	0.1
80°	0.0	0.0	0.0	0.0	0.3	0.6	0.8	0.8	0.6	0.4	0.2
77.5°	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.1	1.1	0.8	0.6
75°	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.6	1.0	1.2	0.9
72.5°	0.0	0.0	0.0	0.1	0.3	0.3	0.2	0.2	0.7	1.0	1.2
70°	0.2	0.1	0.0	0.2	0.5	0.7	0.7	0.5	0.5	0.9	1.1
67.5°	0.6	0.6	0.5	0.3	0.5	0.8	1.1	1.1	0.9	0.8	1.1
65°	1.4	1.3	1.2	1.0	0.9	0.9	1.2	1.5	1.4	1.2	1.1
62.5°	2.1	2.1	1.9	1.8	1.6	1.4	1.3	1.7	1.8	1.6	1.4
60°	2.8	2.9	2.7	2.5	2.2	2.0	1.8	1.9	2.1	2.0	1.7
57.5°	3.8	3.7	3.6	3.3	2.9	2.6	2.4	2.4	2.4	2.4	2.1
55°	6.7	4.7	4.7	4.3	3.7	3.2	3.1	3.0	2.9	2.8	2.4
52.5°	17.0	9.4	6.1	5.6	4.9	4.0	3.7	3.5	3.4	3.2	2.8
50°	31.4	20.3	11.5	7.2	6.1	5.2	4.4	4.1	3.9	3.7	3.2
47.5°	50.2	34.9	22.7	11.4	7.9	6.5	5.5	4.7	4.4	4.1	3.5
45°	77.4	51.5	35.7	22.6	10.6	9.0	6.7	5.3	4.9	4.5	3.9
42.5°	107.6	75.5	50.1	34.1	20.2	12.5	8.1	6.4	5.4	5.0	4.2
40°	137.3	104.3	67.3	47.0	30.5	16.8	11.6	7.6	5.9	5.4	4.7
37.5°	170.2	134.9	94.2	60.8	41.0	25.6	15.9	8.9	6.7	6.0	5.1
35°	210.8	168.7	121.2	80.9	54.3	33.8	20.7	11.3	8.3	6.5	5.5
32.5°	251.4	202.5	150.3	104.4	68.2	41.4	26.9	16.2	10.1	7.1	6.0
30°	292.3	233.5	177.8	126.1	84.2	53.5	33.6	20.9	12.1	7.6	6.4
27.5°	329.1	262.7	203.5	148.8	102.9	66.3	40.6	25.4	14.4	8.7	6.9
25°	370.6	294.3	228.8	170.5	120.1	79.7	47.7	29.9	17.8	10.4	7.4
22.5°	424.0	326.7	252.2	190.1	137.1	92.5	57.0	35.7	21.5	12.3	7.9
20°	477.2	358.4	275.2	214.8	155.5	106.8	67.7	41.6	24.9	14.2	8.4
17.5°	529.3	399.0	308.6	239.9	175.3	120.3	77.7	47.3	28.2	16.2	8.8
15°	576.1	445.6	341.4	263.8	194.6	132.7	86.9	52.9	31.3	18.2	9.5
12.5°	615.3	485.7	372.4	286.0	213.3	144.0	95.3	58.3	34.2	20.4	10.3
10°	647.8	519.6	401.1	306.6	230.9	154.2	102.9	63.7	37.5	22.7	11.2
7.5°	673.7	547.7	427.2	325.3	246.9	163.8	111.1	69.3	40.7	24.9	12.1
5°	693.2	569.5	447.3	338.7	259.6	172.6	118.6	74.5	43.7	27.0	13.0
2.5°	705.8	585.6	462.2	349.2	269.9	180.0	125.3	79.2	46.5	28.9	13.9
0°	713.3	597.1	473.5	357.3	277.8	186.0	130.9	83.2	48.9	30.6	14.7
-2.5°	720.0	604.7	483.4	371.4	283.2	195.8	134.5	86.8	52.8	31.8	16.2
-5°	722.2	608.0	489.8	382.2	286.5	203.8	137.0	89.8	56.2	32.8	17.6
-7.5°	718.5	606.0	492.1	388.4	288.0	209.4	138.5	92.1	58.9	33.5	18.8
-10°	710.2	599.4	489.1	386.5	290.1	211.1	139.3	93.8	60.9	34.1	19.7
-12.5°	697.9	589.5	482.7	382.4	289.7	210.0	141.6	95.2	62.0	34.5	20.5
-15°	681.9	576.5	472.9	376.3	286.2	207.5	142.2	95.7	61.9	35.2	20.9
-17.5°	662.9	560.8	459.7	368.6	279.4	203.7	140.9	95.1	61.3	36.3	21.4
-20°	644.0	543.4	444.1	359.5	269.2	198.7	137.7	93.3	60.1	36.9	21.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626680 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	621.8	523.3	430.6	346.7	258.1	192.8	132.3	90.4	58.5	37.2	22.0
-25°	596.3	499.9	414.3	329.2	249.4	186.0	126.8	86.2	56.4	37.1	21.9
-27.5°	567.4	474.9	395.2	310.1	240.3	176.6	121.5	83.1	54.7	36.6	21.6
-30°	535.2	451.3	372.3	291.6	229.2	166.5	114.7	79.6	53.9	35.9	21.0
-32.5°	500.5	424.8	347.7	277.6	216.6	155.9	108.6	75.7	52.5	35.0	21.0
-35°	468.0	396.0	322.7	261.4	203.2	149.7	104.6	71.3	50.6	33.8	21.1
-37.5°	433.1	365.7	302.8	244.4	189.2	142.5	101.3	69.3	48.2	32.3	21.0
-40°	399.6	337.0	279.8	228.3	178.7	134.4	96.1	67.2	45.8	30.3	20.8
-42.5°	365.7	310.1	257.9	210.8	168.9	126.6	89.5	63.8	43.9	29.3	20.3
-45°	334.4	282.2	234.5	195.5	158.0	116.6	84.4	59.6	41.6	28.5	19.9
-47.5°	301.6	253.9	213.1	178.8	143.7	105.7	77.9	56.3	38.8	27.5	19.6
-50°	267.8	227.0	193.1	160.4	126.3	96.6	71.0	52.4	37.8	26.7	19.1
-52.5°	238.1	203.4	172.7	141.5	113.1	86.0	65.7	48.2	36.5	26.0	18.5
-55°	212.6	181.0	152.5	126.0	100.5	78.2	59.8	46.2	34.8	25.2	17.6
-57.5°	190.0	160.2	136.0	112.1	90.0	70.7	55.6	43.8	33.1	24.0	16.9
-60°	168.0	143.6	121.0	99.7	80.2	64.2	52.4	41.1	31.0	22.5	16.1
-62.5°	147.7	126.2	106.6	87.3	71.4	58.9	48.6	37.9	28.6	20.6	15.0
-65°	126.5	108.1	91.5	76.4	63.5	52.7	43.8	34.3	25.4	18.4	13.6
-67.5°	104.4	90.9	77.9	65.3	54.8	45.8	38.2	29.4	21.6	15.8	11.9
-70°	86.9	75.1	64.0	54.2	45.6	38.2	31.2	23.8	17.4	13.5	10.1
-72.5°	69.2	59.5	50.5	42.6	36.5	30.3	23.9	18.2	14.4	11.1	8.2
-75°	51.2	44.6	38.8	33.3	27.8	22.3	18.2	14.5	11.4	8.6	7.0
-77.5°	37.1	32.4	28.1	24.7	20.9	17.2	13.8	10.6	8.6	7.2	5.9
-80°	25.3	22.8	20.4	18.0	14.9	12.0	9.9	8.2	6.9	5.8	4.7
-82.5°	15.9	14.6	13.4	12.2	10.4	8.8	7.4	6.2	5.2	4.4	3.9
-85°	9.4	8.7	8.0	7.3	6.4	5.5	5.1	4.7	4.3	3.9	3.5
-87.5°	5.3	5.2	5.2	5.1	4.8	4.6	4.4	4.2	3.8	3.5	3.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626680 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	2.4	2.1	1.8	1.5	1.2	1.2	1.2
87.5°	0.9	1.0	1.1	1.2	1.2	1.2	1.2
85°	0.6	0.8	1.0	1.1	1.2	1.2	1.2
82.5°	0.3	0.6	0.9	1.1	1.2	1.2	1.2
80°	0.1	0.4	0.8	1.1	1.2	1.2	1.2
77.5°	0.4	0.4	0.7	1.0	1.2	1.2	1.2
75°	0.7	0.6	0.7	1.0	1.2	1.2	1.2
72.5°	1.0	0.8	0.8	1.0	1.2	1.2	1.2
70°	1.2	1.0	0.9	1.0	1.2	1.2	1.2
67.5°	1.2	1.1	1.0	1.0	1.2	1.2	1.2
65°	1.3	1.2	1.0	1.0	1.2	1.2	1.2
62.5°	1.3	1.3	1.1	1.1	1.2	1.2	1.2
60°	1.4	1.4	1.2	1.1	1.2	1.2	1.2
57.5°	1.7	1.6	1.3	1.1	1.2	1.2	1.2
55°	2.0	1.7	1.4	1.2	1.2	1.2	1.2
52.5°	2.3	1.8	1.6	1.2	1.3	1.2	1.2
50°	2.6	2.1	1.7	1.2	1.3	1.2	1.2
47.5°	2.9	2.3	1.8	1.2	1.3	1.2	1.2
45°	3.2	2.6	2.0	1.3	1.3	1.2	1.2
42.5°	3.5	2.8	2.1	1.4	1.4	1.2	1.2
40°	3.8	3.1	2.3	1.6	1.4	1.2	1.2
37.5°	4.1	3.3	2.5	1.8	1.5	1.2	1.2
35°	4.3	3.5	2.7	1.9	1.5	1.2	1.2
32.5°	4.6	3.7	2.8	2.1	1.6	1.2	1.2
30°	5.0	3.9	3.0	2.2	1.6	1.2	1.2
27.5°	5.3	4.1	3.2	2.4	1.7	1.2	1.2
25°	5.7	4.3	3.4	2.5	1.8	1.2	1.2
22.5°	6.0	4.5	3.6	2.7	1.8	1.2	1.2
20°	6.4	4.7	3.8	2.8	1.9	1.2	1.2
17.5°	6.7	4.9	3.9	2.9	2.0	1.2	1.2
15°	7.1	5.1	4.1	3.1	2.0	1.2	1.2
12.5°	7.4	5.3	4.3	3.2	2.1	1.2	1.2
10°	7.7	5.5	4.4	3.3	2.2	1.2	1.2
7.5°	8.0	5.7	4.5	3.4	2.2	1.2	1.2
5°	8.2	5.8	4.7	3.5	2.3	1.2	1.2
2.5°	8.4	6.0	4.8	3.6	2.3	1.2	1.2
0°	8.6	6.1	4.9	3.7	2.4	1.2	1.2
-2.5°	9.1	6.2	5.0	3.7	2.4	1.2	1.2
-5°	9.5	6.3	5.1	3.7	2.4	1.2	1.2
-7.5°	9.9	6.4	5.2	3.7	2.4	1.2	1.2
-10°	10.2	6.5	5.2	3.6	2.4	1.2	1.2
-12.5°	10.4	6.6	5.3	3.6	2.3	1.2	1.2
-15°	10.5	6.7	5.3	3.6	2.3	1.2	1.2
-17.5°	10.6	6.7	5.3	3.5	2.3	1.2	1.2
-20°	10.8	6.8	5.2	3.5	2.3	1.2	1.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626680 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	11.5	6.8	5.2	3.4	2.2	1.2	1.2
-25°	12.1	7.3	5.1	3.3	2.2	1.2	1.2
-27.5°	12.6	7.8	5.0	3.3	2.1	1.2	1.2
-30°	12.9	8.3	4.8	3.2	2.1	1.2	1.2
-32.5°	13.1	8.7	5.0	3.1	2.0	1.2	1.2
-35°	13.4	9.1	5.2	3.0	2.0	1.2	1.2
-37.5°	13.8	9.3	5.3	2.9	1.9	1.2	1.2
-40°	14.0	9.3	5.3	2.8	1.8	1.2	1.2
-42.5°	14.1	9.4	5.3	2.7	1.8	1.2	1.2
-45°	14.0	9.3	5.3	2.7	1.7	1.2	1.2
-47.5°	13.8	9.2	5.3	2.7	1.6	1.2	1.2
-50°	13.5	9.0	5.2	2.7	1.5	1.2	1.2
-52.5°	13.2	8.7	5.0	2.6	1.5	1.2	1.2
-55°	12.7	8.3	4.8	2.5	1.4	1.2	1.2
-57.5°	12.1	7.9	4.5	2.5	1.3	1.2	1.2
-60°	11.5	7.3	4.2	2.4	1.2	1.2	1.2
-62.5°	10.5	6.7	4.0	2.2	1.2	1.2	1.2
-65°	9.5	6.0	3.7	2.1	1.2	1.2	1.2
-67.5°	8.3	5.3	3.4	1.9	1.2	1.2	1.2
-70°	7.1	4.9	3.1	1.8	1.2	1.2	1.2
-72.5°	6.2	4.3	2.8	1.7	1.2	1.2	1.2
-75°	5.4	3.8	2.4	1.7	1.2	1.2	1.2
-77.5°	4.6	3.2	2.3	1.7	1.2	1.2	1.2
-80°	3.8	2.9	2.2	1.6	1.2	1.2	1.2
-82.5°	3.4	2.7	2.1	1.6	1.2	1.2	1.2
-85°	3.1	2.5	2.0	1.6	1.2	1.2	1.2
-87.5°	2.7	2.3	1.9	1.5	1.2	1.2	1.2
-90°	1.2	1.2	1.2	1.2	1.2	1.2	1.2

(END OF REPORT)