

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: P627709 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-740-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627709 (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-740-U-NR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N123
Light Source: (80) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

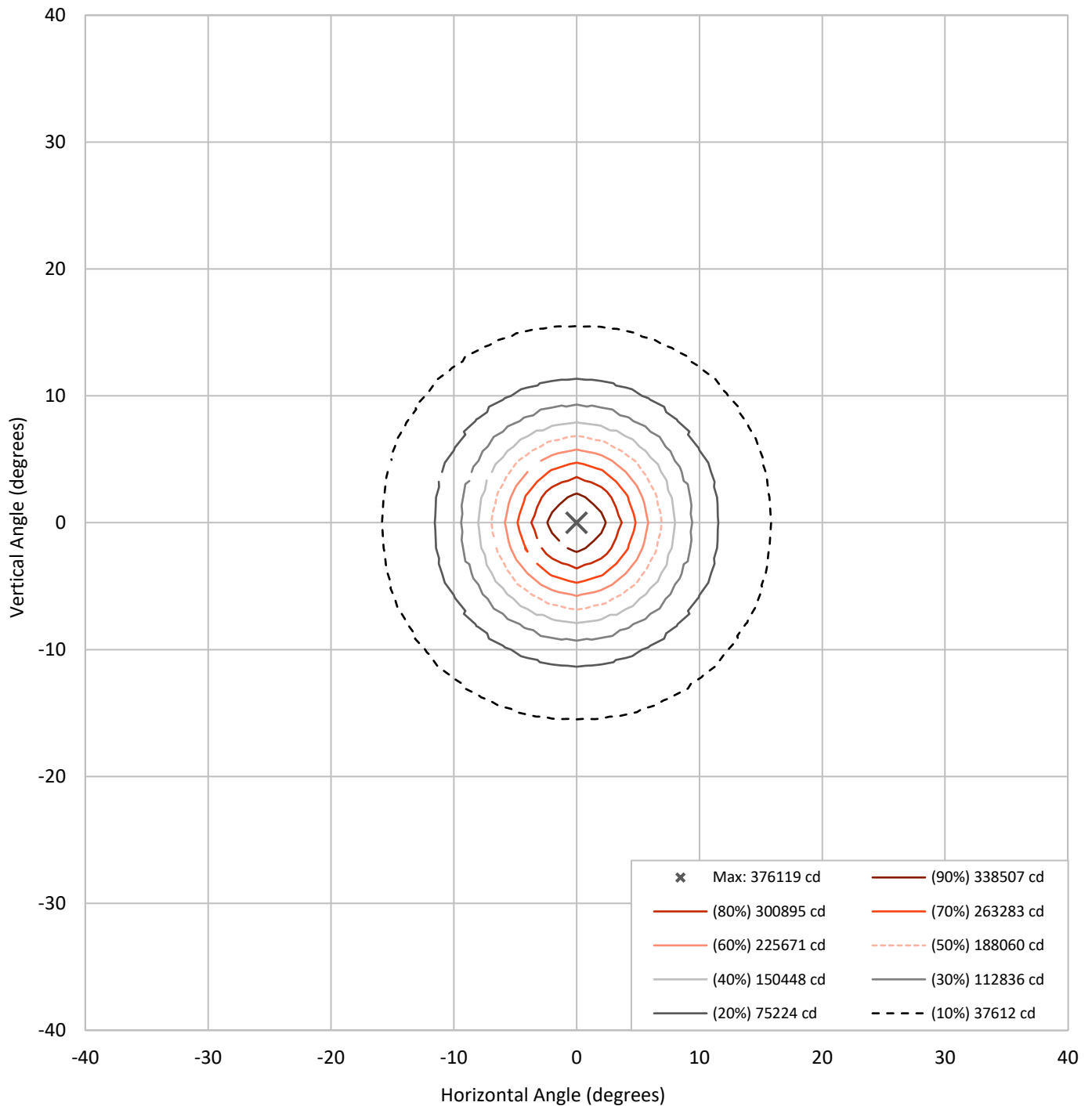
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	39938.3 lumens	Max Intensity:	376119 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	147.2 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:	11808 lumens	Field Lumens:	26572.8 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: P627709 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-740-U-NR-XX

Iso-Candela Plot





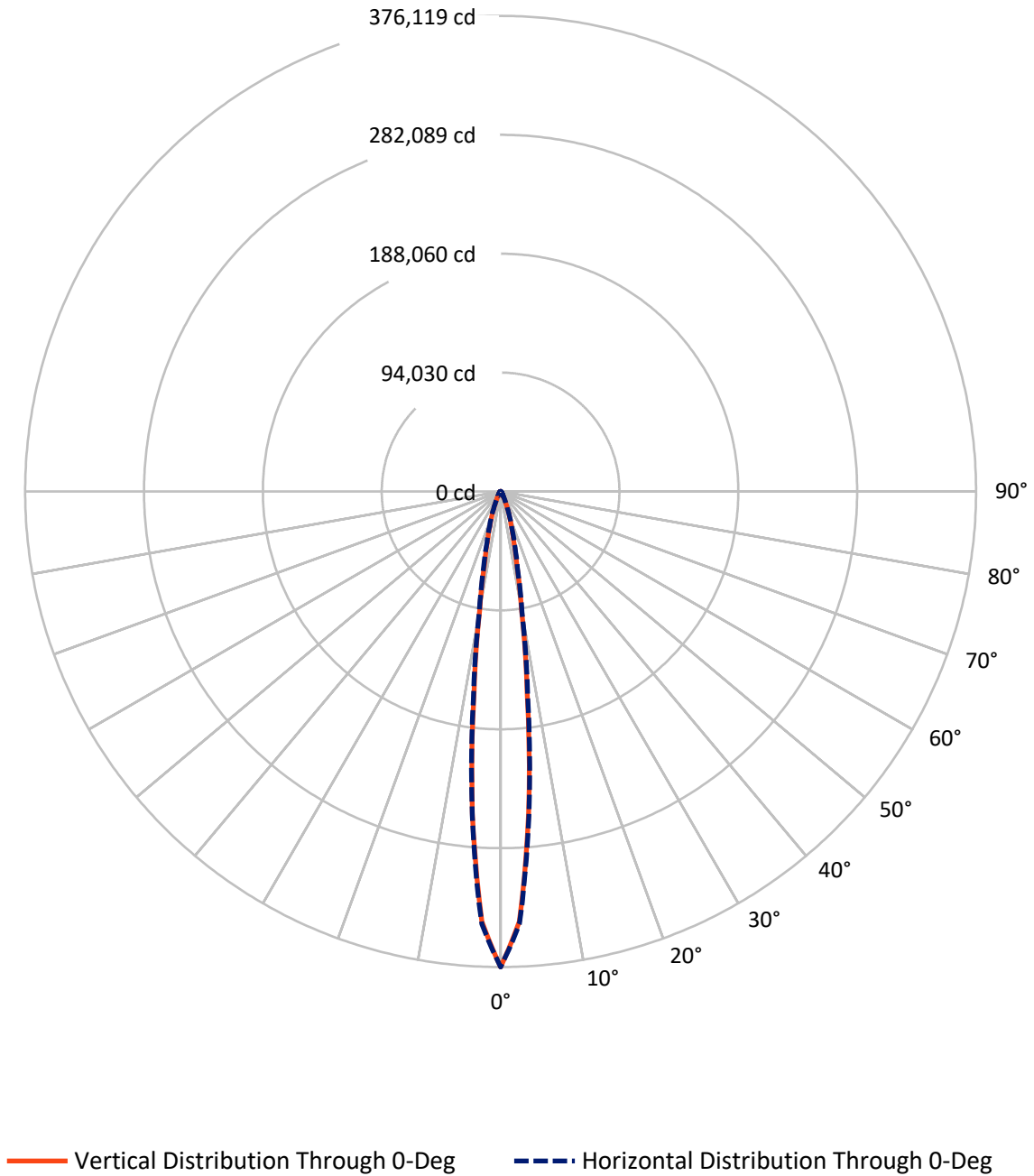
REPORT NUMBER: P627709 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-740-U-NR-XX

Lumen Table

90	0.7	5.5		14.4		23.2		25.4		23.2		14.4		5.5		0.7			
80	0.7	5.5		14.4		23.2		25.4		23.2		14.4		5.5		0.7			
70	2.5	2.8	5.8	9.5	13.4	16.4	18.4	19.3	19.3	18.4	16.4	13.4	9.5	5.8	2.8	2.5			
60		4.2	8.7	14.1	18.9	23.0	25.8	26.9	26.9	25.8	23.0	18.9	14.1	8.7	4.2				
50	4.3	5.5	11.2	17.4	23.1	29.0	34.2	36.9	36.9	34.2	29.0	23.1	17.4	11.2	5.5	4.3			
40		6.7	13.2	20.0	28.4	40.9	57.6	71.3	71.3	57.6	40.9	28.4	20.0	13.2	6.7				
30	5.7	7.5	14.4	22.6	36.8	73.0	166.2	275.1	275.1	166.2	73.0	36.8	22.6	14.4	7.5	5.7			
20		8.1	15.2	24.9	48.8	155.0	550.2	1185.0	1185.0	550.2	155.0	48.8	24.9	15.2	8.1				
10	6.1	8.4	15.5	26.4	59.0	255.4	1196.1	5166.9	5166.9	1196.1	255.4	59.0	26.4	15.5	8.4	6.1			
0		8.4	15.5	26.4	59.0	255.4	1196.1	5166.9	5166.9	1196.1	255.4	59.0	26.4	15.5	8.4				
-10	5.7	8.1	15.2	24.9	48.8	155.0	550.2	1185.0	1185.0	550.2	155.0	48.8	24.9	15.2	8.1	5.7			
-20		7.5	14.4	22.6	36.8	73.0	166.2	275.1	275.1	166.2	73.0	36.8	22.6	14.4	7.5				
-30	4.3	6.7	13.2	20.0	28.4	40.9	57.6	71.3	71.3	57.6	40.9	28.4	20.0	13.2	6.7	4.3			
-40		5.5	11.2	17.4	23.1	29.0	34.2	36.9	36.9	34.2	29.0	23.1	17.4	11.2	5.5				
-50	2.5	4.2	8.7	14.1	18.9	23.0	25.8	26.9	26.9	25.8	23.0	18.9	14.1	8.7	4.2	2.5			
-60		2.8	5.8	9.5	13.4	16.4	18.4	19.3	19.3	18.4	16.4	13.4	9.5	5.8	2.8				
-70	0.7	5.5		14.4		23.2		25.4		23.2		14.4		5.5		0.7			
-80		5.5		14.4		23.2		25.4		23.2		14.4		5.5					
-90	0.7	5.5		14.4		23.2		25.4		23.2		14.4		5.5		0.7			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

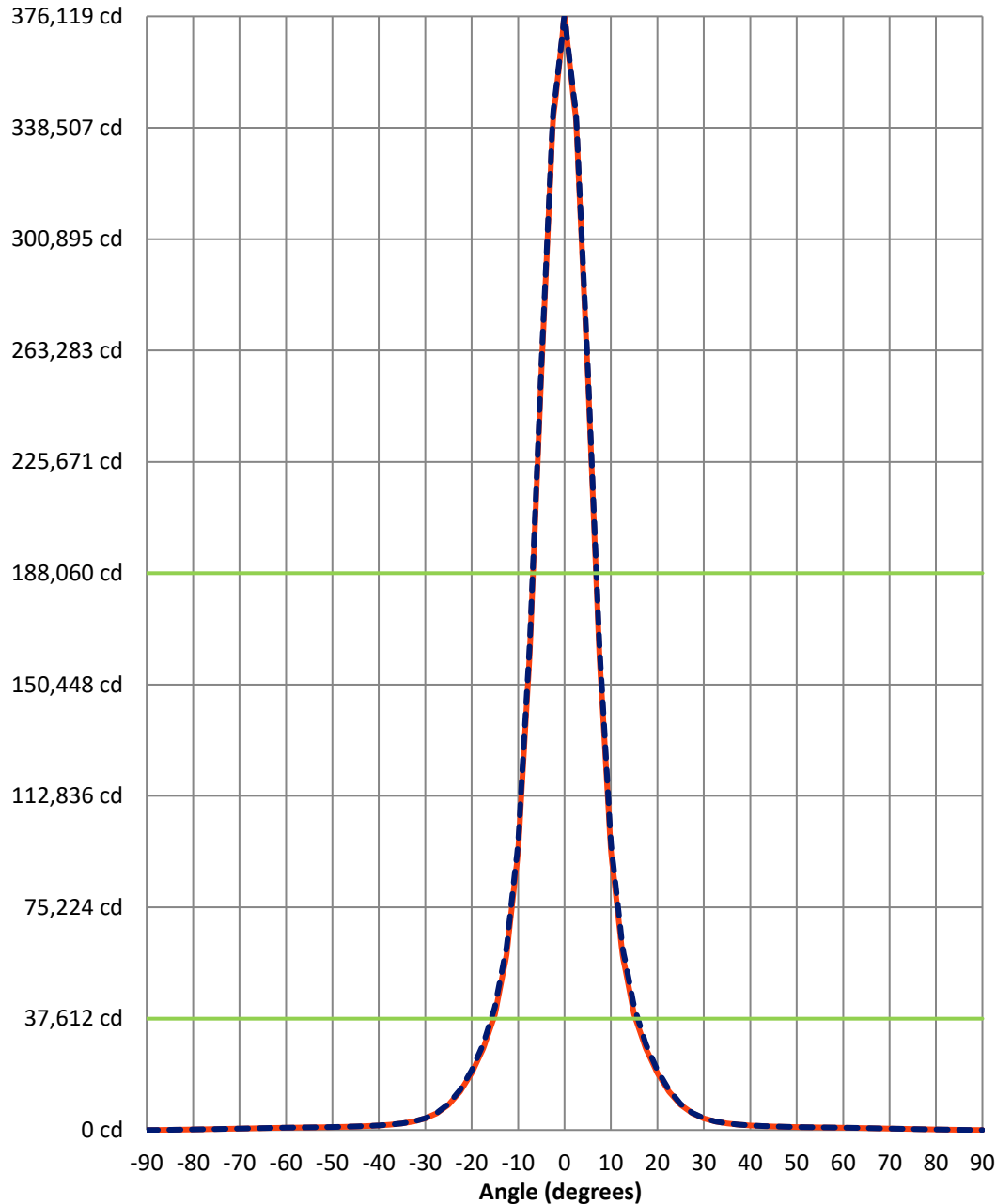
REPORT NUMBER: P627709 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-740-U-NR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627709 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-740-U-NR-XX

Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 11808
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 26572.8
 Efficiency: 66.5%

Spill:
 Lumens: 13365.5
 Efficiency: 33.5%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg

Classified

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

Scaled Data Report



REPORT NUMBER: P627709 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-U-NR-XX

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	4.2	5.6	7.0	8.3	9.7	11.0	12.3	13.6
85°	0.0	2.5	5.6	8.4	11.2	13.9	16.6	19.3	22.0	24.6	27.2
82.5°	0.0	3.7	8.4	12.6	16.7	20.9	24.9	29.0	33.3	39.2	45.0
80°	0.0	4.9	11.1	16.7	22.3	27.7	33.7	41.7	49.7	57.6	65.3
77.5°	0.0	6.1	13.8	20.9	27.7	35.6	45.9	56.0	66.0	75.8	86.2
75°	0.0	7.3	16.5	24.9	33.5	45.3	57.9	70.2	82.4	96.0	109.5
72.5°	0.0	8.4	19.1	29.0	40.9	54.8	69.8	84.8	101.0	116.9	132.5
70°	0.0	9.6	21.7	33.2	48.1	64.2	81.7	101.0	119.4	137.5	157.9
67.5°	0.0	10.7	24.2	38.3	55.1	73.3	95.1	116.9	137.5	160.8	183.6
65°	0.0	11.8	26.6	43.3	62.0	83.3	108.4	132.5	157.9	183.6	210.6
62.5°	0.0	12.8	28.9	48.1	68.7	94.1	121.3	149.4	177.9	207.0	240.8
60°	0.0	13.8	31.1	52.8	75.2	104.6	134.0	166.6	197.5	233.0	270.2
57.5°	0.0	14.8	34.0	57.4	83.3	114.9	147.9	183.3	219.0	258.1	298.6
55°	0.0	15.8	36.9	61.8	91.3	124.9	161.6	199.3	240.3	282.4	326.0
52.5°	0.0	16.7	39.6	66.0	99.0	134.8	175.0	216.6	260.7	305.7	352.2
50°	0.0	17.5	42.3	70.1	106.5	145.5	187.8	233.5	280.3	328.0	377.5
47.5°	0.0	18.3	45.0	74.3	113.6	155.8	200.4	249.9	299.0	349.2	402.1
45°	0.0	19.1	47.5	79.4	120.5	165.7	213.9	265.6	316.9	370.9	426.2
42.5°	0.0	19.8	49.9	84.4	127.1	175.2	226.7	280.6	334.1	392.0	449.7
40°	0.0	20.5	52.3	89.2	133.8	184.2	238.9	294.9	351.0	412.4	472.5
37.5°	0.0	21.1	54.5	93.8	140.6	192.7	250.5	308.4	367.9	431.4	494.6
35°	0.0	21.7	56.7	98.2	147.0	201.4	261.4	321.2	383.6	449.3	515.9
32.5°	0.0	22.2	58.7	102.3	153.0	209.9	271.6	333.2	398.0	466.0	534.3
30°	0.0	22.7	60.6	106.1	158.6	217.8	281.2	344.5	411.2	481.6	551.1
27.5°	0.0	23.1	62.4	109.7	164.0	225.1	290.0	355.2	423.5	495.9	566.3
25°	0.0	23.5	64.1	113.0	169.0	231.7	298.0	364.9	435.0	508.5	579.6
22.5°	0.0	23.8	65.6	116.0	173.6	237.8	305.3	373.5	445.4	519.4	591.2
20°	0.0	24.0	67.0	118.6	177.7	243.0	311.9	381.0	454.6	528.8	601.7
17.5°	0.0	24.2	68.2	121.0	181.3	247.4	317.3	387.4	462.6	536.7	611.0
15°	0.0	24.4	69.3	123.1	184.5	251.1	321.7	393.0	469.4	543.1	619.0
12.5°	0.0	24.5	70.3	124.9	187.2	254.0	325.2	398.3	475.0	548.1	625.7
10°	0.0	24.5	71.1	126.3	189.4	256.2	328.0	402.7	479.4	553.5	632.1
7.5°	0.0	24.5	71.7	127.4	191.2	257.6	329.8	406.3	482.4	558.0	639.5
5°	0.0	24.5	72.1	128.3	192.4	258.4	330.9	408.9	484.0	561.3	645.5
2.5°	0.0	24.4	72.4	128.7	193.2	258.5	331.1	410.5	484.4	563.4	650.0
0°	0.0	24.2	72.5	128.9	193.4	257.9	330.4	411.0	483.5	564.1	652.7
-2.5°	0.0	24.4	72.4	128.7	193.2	258.5	331.1	410.5	484.4	563.4	650.0
-5°	0.0	24.5	72.1	128.3	192.4	258.4	330.9	408.9	484.0	561.3	645.5
-7.5°	0.0	24.5	71.7	127.4	191.2	257.6	329.8	406.3	482.4	558.0	639.5
-10°	0.0	24.5	71.1	126.3	189.4	256.2	328.0	402.7	479.4	553.5	632.1
-12.5°	0.0	24.5	70.3	124.9	187.2	254.0	325.2	398.3	475.0	548.1	625.7
-15°	0.0	24.4	69.3	123.1	184.5	251.1	321.7	393.0	469.4	543.1	619.0
-17.5°	0.0	24.2	68.2	121.0	181.3	247.4	317.3	387.4	462.6	536.7	611.0
-20°	0.0	24.0	67.0	118.6	177.7	243.0	311.9	381.0	454.6	528.8	601.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627709 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-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	23.8	65.6	116.0	173.6	237.8	305.3	373.5	445.4	519.4	591.2
-25°	0.0	23.5	64.1	113.0	169.0	231.7	298.0	364.9	435.0	508.5	579.6
-27.5°	0.0	23.1	62.4	109.7	164.0	225.1	290.0	355.2	423.5	495.9	566.3
-30°	0.0	22.7	60.6	106.1	158.6	217.8	281.2	344.5	411.2	481.6	551.1
-32.5°	0.0	22.2	58.7	102.3	153.0	209.9	271.6	333.2	398.0	466.0	534.3
-35°	0.0	21.7	56.7	98.2	147.0	201.4	261.4	321.2	383.6	449.3	515.9
-37.5°	0.0	21.1	54.5	93.8	140.6	192.7	250.5	308.4	367.9	431.4	494.6
-40°	0.0	20.5	52.3	89.2	133.8	184.2	238.9	294.9	351.0	412.4	472.5
-42.5°	0.0	19.8	49.9	84.4	127.1	175.2	226.7	280.6	334.1	392.0	449.7
-45°	0.0	19.1	47.5	79.4	120.5	165.7	213.9	265.6	316.9	370.9	426.2
-47.5°	0.0	18.3	45.0	74.3	113.6	155.8	200.4	249.9	299.0	349.2	402.1
-50°	0.0	17.5	42.3	70.1	106.5	145.5	187.8	233.5	280.3	328.0	377.5
-52.5°	0.0	16.7	39.6	66.0	99.0	134.8	175.0	216.6	260.7	305.7	352.2
-55°	0.0	15.8	36.9	61.8	91.3	124.9	161.6	199.3	240.3	282.4	326.0
-57.5°	0.0	14.8	34.0	57.4	83.3	114.9	147.9	183.3	219.0	258.1	298.6
-60°	0.0	13.8	31.1	52.8	75.2	104.6	134.0	166.6	197.5	233.0	270.2
-62.5°	0.0	12.8	28.9	48.1	68.7	94.1	121.3	149.4	177.9	207.0	240.8
-65°	0.0	11.8	26.6	43.3	62.0	83.3	108.4	132.5	157.9	183.6	210.6
-67.5°	0.0	10.7	24.2	38.3	55.1	73.3	95.1	116.9	137.5	160.8	183.6
-70°	0.0	9.6	21.7	33.2	48.1	64.2	81.7	101.0	119.4	137.5	157.9
-72.5°	0.0	8.4	19.1	29.0	40.9	54.8	69.8	84.8	101.0	116.9	132.5
-75°	0.0	7.3	16.5	24.9	33.5	45.3	57.9	70.2	82.4	96.0	109.5
-77.5°	0.0	6.1	13.8	20.9	27.7	35.6	45.9	56.0	66.0	75.8	86.2
-80°	0.0	4.9	11.1	16.7	22.3	27.7	33.7	41.7	49.7	57.6	65.3
-82.5°	0.0	3.7	8.4	12.6	16.7	20.9	24.9	29.0	33.3	39.2	45.0
-85°	0.0	2.5	5.6	8.4	11.2	13.9	16.6	19.3	22.0	24.6	27.2
-87.5°	0.0	1.2	2.8	4.2	5.6	7.0	8.3	9.7	11.0	12.3	13.6
-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: P627709 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-740-U-NR-XX

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°	14.9	16.1	17.3	18.5	19.6	20.7	21.8	22.8	23.7	24.7	25.5
85°	29.7	32.2	35.8	39.3	42.3	44.8	47.1	48.9	52.2	55.7	59.3
82.5°	50.7	56.2	61.7	66.9	70.5	73.4	76.2	80.3	87.4	94.3	100.5
80°	72.8	80.2	88.6	96.8	103.7	110.8	118.0	125.5	133.4	140.7	147.8
77.5°	97.2	108.0	118.5	128.7	138.8	149.8	160.4	170.6	180.4	189.7	198.6
75°	122.6	135.5	149.7	163.8	177.4	190.6	203.5	217.3	230.5	243.1	255.1
72.5°	149.4	166.6	183.4	199.7	217.4	234.7	251.4	267.5	283.2	299.6	316.9
70°	177.9	197.5	219.4	240.3	260.0	280.7	301.3	319.1	336.0	358.6	381.8
67.5°	207.2	233.7	258.3	281.9	308.2	332.5	353.6	376.2	400.4	426.5	449.4
65°	241.7	270.5	299.1	329.0	359.4	384.7	411.1	439.1	466.4	492.5	517.3
62.5°	275.7	308.2	341.2	373.8	405.0	435.4	467.2	498.4	528.5	558.8	585.5
60°	308.6	345.5	380.3	414.3	449.7	487.5	522.8	557.3	593.3	627.6	645.6
57.5°	340.3	379.7	416.1	454.3	495.9	538.5	575.5	614.7	645.6	669.3	692.6
55°	370.1	411.1	451.0	493.9	539.1	583.3	624.6	659.5	688.0	709.8	734.4
52.5°	398.1	441.3	484.7	531.6	579.5	626.7	669.8	702.5	728.2	750.5	773.6
50°	425.5	470.9	516.7	568.1	619.5	669.7	712.0	741.9	766.1	789.0	812.8
47.5°	452.5	500.1	549.5	604.2	659.8	708.4	748.4	775.7	800.2	827.1	853.1
45°	478.9	530.4	582.8	641.5	697.4	744.2	778.2	805.6	835.8	864.9	892.7
42.5°	504.7	560.3	617.0	677.9	732.0	774.1	805.9	838.3	870.8	901.8	933.2
40°	530.8	589.0	649.1	709.7	764.1	800.4	834.1	869.0	904.8	938.5	973.3
37.5°	555.7	616.0	677.9	739.2	788.6	825.5	860.4	898.9	936.7	973.4	1018.8
35°	579.4	640.6	703.0	762.3	809.9	848.0	887.1	927.6	967.3	1014.7	1066.5
32.5°	600.6	662.6	726.0	781.2	827.7	869.0	912.7	955.0	1002.6	1056.3	1118.4
30°	618.5	681.9	745.5	799.4	844.9	888.5	936.0	982.7	1038.3	1102.9	1176.8
27.5°	634.2	699.3	761.1	815.1	861.3	904.7	954.7	1013.6	1077.4	1149.9	1236.7
25°	648.8	716.8	775.8	829.4	874.4	919.7	973.2	1038.4	1115.2	1202.6	1308.7
22.5°	662.7	733.6	790.7	842.9	884.6	933.6	993.9	1064.7	1148.3	1250.7	1379.9
20°	675.9	746.2	802.6	853.6	892.3	945.6	1012.1	1087.7	1182.7	1304.7	1454.2
17.5°	688.1	757.0	812.0	859.9	902.4	958.5	1028.1	1106.5	1212.6	1353.9	1522.6
15°	699.2	766.0	819.5	865.0	911.4	972.0	1044.8	1129.8	1245.7	1400.7	1583.0
12.5°	709.0	773.3	825.2	869.0	918.6	983.0	1059.7	1154.0	1281.2	1446.8	1659.8
10°	717.3	778.9	829.3	871.7	924.0	991.5	1072.1	1173.7	1309.6	1482.4	1718.8
7.5°	724.4	783.3	832.1	873.2	927.5	997.4	1081.8	1188.7	1329.4	1507.8	1761.4
5°	729.5	786.9	835.4	878.2	932.9	1002.1	1088.8	1199.0	1341.0	1522.9	1787.9
2.5°	732.4	789.0	837.4	882.9	938.8	1006.1	1094.1	1210.3	1350.4	1537.5	1808.1
0°	733.3	789.7	838.1	886.4	942.8	1007.3	1095.9	1216.8	1353.8	1547.2	1821.2
-2.5°	732.4	789.0	837.4	882.9	938.8	1006.1	1094.1	1210.3	1350.4	1537.5	1808.1
-5°	729.5	786.9	835.4	878.2	932.9	1002.1	1088.8	1199.0	1341.0	1522.9	1787.9
-7.5°	724.4	783.3	832.1	873.2	927.5	997.4	1081.8	1188.7	1329.4	1507.8	1761.4
-10°	717.3	778.9	829.3	871.7	924.0	991.5	1072.1	1173.7	1309.6	1482.4	1718.8
-12.5°	709.0	773.3	825.2	869.0	918.6	983.0	1059.7	1154.0	1281.2	1446.8	1659.8
-15°	699.2	766.0	819.5	865.0	911.4	972.0	1044.8	1129.8	1245.7	1400.7	1583.0
-17.5°	688.1	757.0	812.0	859.9	902.4	958.5	1028.1	1106.5	1212.6	1353.9	1522.6
-20°	675.9	746.2	802.6	853.6	892.3	945.6	1012.1	1087.7	1182.7	1304.7	1454.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627709 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-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°	662.7	733.6	790.7	842.9	884.6	933.6	993.9	1064.7	1148.3	1250.7	1379.9
-25°	648.8	716.8	775.8	829.4	874.4	919.7	973.2	1038.4	1115.2	1202.6	1308.7
-27.5°	634.2	699.3	761.1	815.1	861.3	904.7	954.7	1013.6	1077.4	1149.9	1236.7
-30°	618.5	681.9	745.5	799.4	844.9	888.5	936.0	982.7	1038.3	1102.9	1176.8
-32.5°	600.6	662.6	726.0	781.2	827.7	869.0	912.7	955.0	1002.6	1056.3	1118.4
-35°	579.4	640.6	703.0	762.3	809.9	848.0	887.1	927.6	967.3	1014.7	1066.5
-37.5°	555.7	616.0	677.9	739.2	788.6	825.5	860.4	898.9	936.7	973.4	1018.8
-40°	530.8	589.0	649.1	709.7	764.1	800.4	834.1	869.0	904.8	938.5	973.3
-42.5°	504.7	560.3	617.0	677.9	732.0	774.1	805.9	838.3	870.8	901.8	933.2
-45°	478.9	530.4	582.8	641.5	697.4	744.2	778.2	805.6	835.8	864.9	892.7
-47.5°	452.5	500.1	549.5	604.2	659.8	708.4	748.4	775.7	800.2	827.1	853.1
-50°	425.5	470.9	516.7	568.1	619.5	669.7	712.0	741.9	766.1	789.0	812.8
-52.5°	398.1	441.3	484.7	531.6	579.5	626.7	669.8	702.5	728.2	750.5	773.6
-55°	370.1	411.1	451.0	493.9	539.1	583.3	624.6	659.5	688.0	709.8	734.4
-57.5°	340.3	379.7	416.1	454.3	495.9	538.5	575.5	614.7	645.6	669.3	692.6
-60°	308.6	345.5	380.3	414.3	449.7	487.5	522.8	557.3	593.3	627.6	645.6
-62.5°	275.7	308.2	341.2	373.8	405.0	435.4	467.2	498.4	528.5	558.8	585.5
-65°	241.7	270.5	299.1	329.0	359.4	384.7	411.1	439.1	466.4	492.5	517.3
-67.5°	207.2	233.7	258.3	281.9	308.2	332.5	353.6	376.2	400.4	426.5	449.4
-70°	177.9	197.5	219.4	240.3	260.0	280.7	301.3	319.1	336.0	358.6	381.8
-72.5°	149.4	166.6	183.4	199.7	217.4	234.7	251.4	267.5	283.2	299.6	316.9
-75°	122.6	135.5	149.7	163.8	177.4	190.6	203.5	217.3	230.5	243.1	255.1
-77.5°	97.2	108.0	118.5	128.7	138.8	149.8	160.4	170.6	180.4	189.7	198.6
-80°	72.8	80.2	88.6	96.8	103.7	110.8	118.0	125.5	133.4	140.7	147.8
-82.5°	50.7	56.2	61.7	66.9	70.5	73.4	76.2	80.3	87.4	94.3	100.5
-85°	29.7	32.2	35.8	39.3	42.3	44.8	47.1	48.9	52.2	55.7	59.3
-87.5°	14.9	16.1	17.3	18.5	19.6	20.7	21.8	22.8	23.7	24.7	25.5
-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: P627709 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-740-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°	26.4	27.2	27.9	28.6	29.2	29.7	30.3	30.7	31.1	29.5	27.8
85°	63.0	65.4	67.6	69.6	71.5	73.2	74.7	76.1	77.3	76.3	75.1
82.5°	106.2	110.4	114.2	117.8	121.1	124.1	126.7	129.1	131.2	131.0	130.4
80°	154.5	161.4	168.3	175.2	181.9	186.0	189.0	191.2	192.8	193.4	193.6
77.5°	207.7	218.3	229.5	240.4	251.2	257.4	261.8	265.4	268.4	269.0	268.4
75°	266.5	280.3	295.5	308.8	320.3	327.4	332.3	336.5	339.8	340.7	340.3
72.5°	334.9	351.9	365.5	376.8	386.5	394.2	400.3	405.6	409.8	411.6	411.9
70°	402.2	419.0	432.0	443.5	453.0	460.9	468.3	474.6	479.8	483.6	486.5
67.5°	470.5	489.7	503.0	513.3	521.5	529.7	539.6	548.0	555.2	559.9	562.3
65°	540.5	560.3	573.2	584.5	594.4	604.9	615.8	623.8	629.1	632.4	634.5
62.5°	608.3	626.8	642.9	657.9	672.3	684.3	691.8	698.5	704.2	709.0	712.7
60°	666.5	690.1	708.2	722.5	736.6	750.2	759.4	766.7	772.4	776.6	779.2
57.5°	716.2	740.3	761.6	775.5	790.7	807.0	817.7	823.8	829.5	834.3	836.6
55°	759.7	781.8	801.5	820.5	837.7	852.3	863.7	871.9	878.8	884.3	886.2
52.5°	798.8	822.9	846.0	866.3	883.1	897.0	908.2	918.5	926.3	931.6	934.1
50°	839.9	865.9	890.6	912.7	930.0	945.6	959.6	971.7	983.3	992.5	999.0
47.5°	880.2	908.0	935.3	959.6	980.3	1003.0	1023.4	1040.6	1057.5	1071.2	1080.6
45°	921.0	953.0	982.7	1014.1	1042.1	1071.8	1099.5	1123.3	1147.8	1166.3	1178.7
42.5°	966.3	1002.6	1038.3	1077.4	1115.6	1154.4	1196.3	1233.7	1262.5	1289.5	1311.5
40°	1014.7	1056.3	1102.9	1150.9	1207.3	1258.4	1314.7	1363.0	1406.6	1452.8	1489.5
37.5°	1066.5	1118.4	1179.6	1243.8	1316.7	1386.7	1460.2	1532.4	1595.4	1669.7	1726.4
35°	1123.6	1193.0	1268.4	1355.2	1446.0	1546.3	1646.8	1762.8	1862.8	1972.7	2068.4
32.5°	1191.3	1274.1	1373.0	1487.5	1604.2	1756.3	1898.4	2083.3	2243.1	2417.5	2593.2
30°	1261.0	1369.2	1496.8	1641.1	1826.5	2035.7	2268.9	2543.8	2827.3	3101.5	3432.3
27.5°	1347.2	1477.8	1632.4	1843.2	2116.1	2398.8	2799.8	3212.5	3733.5	4164.3	4771.9
25°	1436.8	1590.5	1810.2	2096.9	2453.1	2943.8	3552.3	4211.8	5128.4	5933.7	6878.2
22.5°	1534.3	1741.9	2015.2	2369.1	2909.1	3662.4	4583.7	5825.3	7177.3	8612.7	10040.6
20°	1636.0	1887.1	2245.3	2758.3	3499.2	4519.4	6101.1	8017.8	9949.3	12317.8	14415.1
17.5°	1753.6	2073.3	2514.7	3156.2	4145.0	5707.7	7902.0	10577.8	13574.4	16979.9	20003.4
15°	1851.6	2232.8	2790.1	3687.4	5047.4	7054.3	9821.4	13502.5	18005.5	22579.1	27219.3
12.5°	1965.5	2406.4	3060.9	4130.9	5838.9	8506.1	12272.6	16931.8	22555.6	28899.4	36377.8
10°	2066.5	2576.8	3390.4	4714.8	6802.3	10020.2	14591.4	20196.7	27454.2	36581.4	48162.5
7.5°	2141.5	2712.5	3644.7	5159.3	7635.1	11475.9	16782.2	23771.9	32993.7	45046.2	60940.3
5°	2190.1	2810.6	3824.7	5502.2	8287.0	12559.3	18387.7	26307.7	37433.1	54479.4	81393.8
2.5°	2219.2	2868.7	3927.4	5703.4	8683.5	13277.1	19609.2	28225.1	40310.2	60309.0	94549.3
0°	2232.2	2884.9	3988.9	5810.1	8815.9	13554.3	20170.2	29099.0	41597.6	61671.1	96862.3
-2.5°	2219.2	2868.7	3927.4	5703.4	8683.5	13277.1	19609.2	28225.1	40310.2	60309.0	94549.3
-5°	2190.1	2810.6	3824.7	5502.2	8287.0	12559.3	18387.7	26307.7	37433.1	54479.4	81393.8
-7.5°	2141.5	2712.5	3644.7	5159.3	7635.1	11475.9	16782.2	23771.9	32993.7	45046.2	60940.3
-10°	2066.5	2576.8	3390.4	4714.8	6802.3	10020.2	14591.4	20196.7	27454.2	36581.4	48162.5
-12.5°	1965.5	2406.4	3060.9	4130.9	5838.9	8506.1	12272.6	16931.8	22555.6	28899.4	36377.8
-15°	1851.6	2232.8	2790.1	3687.4	5047.4	7054.3	9821.4	13502.5	18005.5	22579.1	27219.3
-17.5°	1753.6	2073.3	2514.7	3156.2	4145.0	5707.7	7902.0	10577.8	13574.4	16979.9	20003.4
-20°	1636.0	1887.1	2245.3	2758.3	3499.2	4519.4	6101.1	8017.8	9949.3	12317.8	14415.1



REPORT NUMBER: P627709 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1534.3	1741.9	2015.2	2369.1	2909.1	3662.4	4583.7	5825.3	7177.3	8612.7	10040.6
-25°	1436.8	1590.5	1810.2	2096.9	2453.1	2943.8	3552.3	4211.8	5128.4	5933.7	6878.2
-27.5°	1347.2	1477.8	1632.4	1843.2	2116.1	2398.8	2799.8	3212.5	3733.5	4164.3	4771.9
-30°	1261.0	1369.2	1496.8	1641.1	1826.5	2035.7	2268.9	2543.8	2827.3	3101.5	3432.3
-32.5°	1191.3	1274.1	1373.0	1487.5	1604.2	1756.3	1898.4	2083.3	2243.1	2417.5	2593.2
-35°	1123.6	1193.0	1268.4	1355.2	1446.0	1546.3	1646.8	1762.8	1862.8	1972.7	2068.4
-37.5°	1066.5	1118.4	1179.6	1243.8	1316.7	1386.7	1460.2	1532.4	1595.4	1669.7	1726.4
-40°	1014.7	1056.3	1102.9	1150.9	1207.3	1258.4	1314.7	1363.0	1406.6	1452.8	1489.5
-42.5°	966.3	1002.6	1038.3	1077.4	1115.6	1154.4	1196.3	1233.7	1262.5	1289.5	1311.5
-45°	921.0	953.0	982.7	1014.1	1042.1	1071.8	1099.5	1123.3	1147.8	1166.3	1178.7
-47.5°	880.2	908.0	935.3	959.6	980.3	1003.0	1023.4	1040.6	1057.5	1071.2	1080.6
-50°	839.9	865.9	890.6	912.7	930.0	945.6	959.6	971.7	983.3	992.5	999.0
-52.5°	798.8	822.9	846.0	866.3	883.1	897.0	908.2	918.5	926.3	931.6	934.1
-55°	759.7	781.8	801.5	820.5	837.7	852.3	863.7	871.9	878.8	884.3	886.2
-57.5°	716.2	740.3	761.6	775.5	790.7	807.0	817.7	823.8	829.5	834.3	836.6
-60°	666.5	690.1	708.2	722.5	736.6	750.2	759.4	766.7	772.4	776.6	779.2
-62.5°	608.3	626.8	642.9	657.9	672.3	684.3	691.8	698.5	704.2	709.0	712.7
-65°	540.5	560.3	573.2	584.5	594.4	604.9	615.8	623.8	629.1	632.4	634.5
-67.5°	470.5	489.7	503.0	513.3	521.5	529.7	539.6	548.0	555.2	559.9	562.3
-70°	402.2	419.0	432.0	443.5	453.0	460.9	468.3	474.6	479.8	483.6	486.5
-72.5°	334.9	351.9	365.5	376.8	386.5	394.2	400.3	405.6	409.8	411.6	411.9
-75°	266.5	280.3	295.5	308.8	320.3	327.4	332.3	336.5	339.8	340.7	340.3
-77.5°	207.7	218.3	229.5	240.4	251.2	257.4	261.8	265.4	268.4	269.0	268.4
-80°	154.5	161.4	168.3	175.2	181.9	186.0	189.0	191.2	192.8	193.4	193.6
-82.5°	106.2	110.4	114.2	117.8	121.1	124.1	126.7	129.1	131.2	131.0	130.4
-85°	63.0	65.4	67.6	69.6	71.5	73.2	74.7	76.1	77.3	76.3	75.1
-87.5°	26.4	27.2	27.9	28.6	29.2	29.7	30.3	30.7	31.1	29.5	27.8
-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: P627709 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-740-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°	26.0	24.1	24.2	24.2	24.2	24.1	26.0	27.8	29.5	31.1	30.7
85°	73.7	72.1	72.4	72.5	72.4	72.1	73.7	75.1	76.3	77.3	76.1
82.5°	129.5	128.3	128.7	128.9	128.7	128.3	129.5	130.4	131.0	131.2	129.1
80°	193.3	192.5	189.2	185.3	189.2	192.5	193.3	193.6	193.4	192.8	191.2
77.5°	267.0	264.7	261.6	257.9	261.6	264.7	267.0	268.4	269.0	268.4	265.4
75°	339.1	337.1	338.1	338.5	338.1	337.1	339.1	340.3	340.7	339.8	336.5
72.5°	411.1	409.4	410.5	411.0	410.5	409.4	411.1	411.9	411.6	409.8	405.6
70°	488.4	489.3	487.2	483.5	487.2	489.3	488.4	486.5	483.6	479.8	474.6
67.5°	563.0	562.1	559.7	556.0	559.7	562.1	563.0	562.3	559.9	555.2	548.0
65°	635.2	634.5	635.8	636.6	635.8	634.5	635.2	634.5	632.4	629.1	623.8
62.5°	714.5	714.6	712.8	709.1	712.8	714.6	714.5	712.7	709.0	704.2	698.5
60°	780.3	779.7	777.5	773.6	777.5	779.7	780.3	779.2	776.6	772.4	766.7
57.5°	837.3	836.5	834.0	830.0	834.0	836.5	837.3	836.6	834.3	829.5	823.8
55°	886.4	885.2	882.5	878.4	882.5	885.2	886.4	886.2	884.3	878.8	871.9
52.5°	934.7	933.6	933.9	934.8	933.9	933.6	934.7	934.1	931.6	926.3	918.5
50°	1003.1	1004.4	1003.2	999.2	1003.2	1004.4	1003.1	999.0	992.5	983.3	971.7
47.5°	1085.1	1085.6	1083.7	1079.8	1083.7	1085.6	1085.1	1080.6	1071.2	1057.5	1040.6
45°	1188.5	1194.3	1195.9	1192.6	1195.9	1194.3	1188.5	1178.7	1166.3	1147.8	1123.3
42.5°	1328.4	1337.6	1340.2	1337.7	1340.2	1337.6	1328.4	1311.5	1289.5	1262.5	1233.7
40°	1512.1	1522.5	1524.5	1523.0	1524.5	1522.5	1512.1	1489.5	1452.8	1406.6	1363.0
37.5°	1766.3	1791.7	1803.7	1805.1	1803.7	1791.7	1766.3	1726.4	1669.7	1595.4	1532.4
35°	2141.4	2192.0	2219.1	2232.2	2219.1	2192.0	2141.4	2068.4	1972.7	1862.8	1762.8
32.5°	2726.3	2827.6	2883.7	2876.9	2883.7	2827.6	2726.3	2593.2	2417.5	2243.1	2083.3
30°	3681.7	3858.8	3948.0	3924.5	3948.0	3858.8	3681.7	3432.3	3101.5	2827.3	2543.8
27.5°	5208.2	5528.5	5713.7	5689.2	5713.7	5528.5	5208.2	4771.9	4164.3	3733.5	3212.5
25°	7667.8	8252.3	8626.5	8533.9	8626.5	8252.3	7667.8	6878.2	5933.7	5128.4	4211.8
22.5°	11409.4	12399.6	13054.9	12974.1	13054.9	12399.6	11409.4	10040.6	8612.7	7177.3	5825.3
20°	16541.8	18048.9	19125.1	19267.7	19125.1	18048.9	16541.8	14415.1	12317.8	9949.3	8017.8
17.5°	23269.4	25659.1	27322.5	27600.1	27322.5	25659.1	23269.4	20003.4	16979.9	13574.4	10577.8
15°	32012.8	35918.6	38745.3	38978.6	38745.3	35918.6	32012.8	27219.3	22579.1	18005.5	13502.5
12.5°	43885.1	51740.7	56867.6	59124.7	56867.6	51740.7	43885.1	36377.8	28899.4	22555.6	16931.8
10°	60315.7	78359.6	89915.2	94259.4	89915.2	78359.6	60315.7	48162.5	36581.4	27454.2	20196.7
7.5°	87759.8	116089.2	147584.1	161007.4	147584.1	116089.2	87759.8	60940.3	45046.2	32993.7	23771.9
5°	118838.0	177632.9	233557.3	255395.7	233557.3	177632.9	118838.0	81393.8	54479.4	37433.1	26307.7
2.5°	151540.4	233491.9	310286.7	340319.5	310286.7	233491.9	151540.4	94549.3	60309.0	40310.2	28225.1
0°	164311.4	257950.2	342442.9	376119.0	342442.9	257950.2	164311.4	96862.3	61671.1	41597.6	29099.0
-2.5°	151540.4	233491.9	310286.7	340319.5	310286.7	233491.9	151540.4	94549.3	60309.0	40310.2	28225.1
-5°	118838.0	177632.9	233557.3	255395.7	233557.3	177632.9	118838.0	81393.8	54479.4	37433.1	26307.7
-7.5°	87759.8	116089.2	147584.1	161007.4	147584.1	116089.2	87759.8	60940.3	45046.2	32993.7	23771.9
-10°	60315.7	78359.6	89915.2	94259.4	89915.2	78359.6	60315.7	48162.5	36581.4	27454.2	20196.7
-12.5°	43885.1	51740.7	56867.6	59124.7	56867.6	51740.7	43885.1	36377.8	28899.4	22555.6	16931.8
-15°	32012.8	35918.6	38745.3	38978.6	38745.3	35918.6	32012.8	27219.3	22579.1	18005.5	13502.5
-17.5°	23269.4	25659.1	27322.5	27600.1	27322.5	25659.1	23269.4	20003.4	16979.9	13574.4	10577.8
-20°	16541.8	18048.9	19125.1	19267.7	19125.1	18048.9	16541.8	14415.1	12317.8	9949.3	8017.8



REPORT NUMBER: P627709 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-740-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°	11409.4	12399.6	13054.9	12974.1	13054.9	12399.6	11409.4	10040.6	8612.7	7177.3	5825.3
-25°	7667.8	8252.3	8626.5	8533.9	8626.5	8252.3	7667.8	6878.2	5933.7	5128.4	4211.8
-27.5°	5208.2	5528.5	5713.7	5689.2	5713.7	5528.5	5208.2	4771.9	4164.3	3733.5	3212.5
-30°	3681.7	3858.8	3948.0	3924.5	3948.0	3858.8	3681.7	3432.3	3101.5	2827.3	2543.8
-32.5°	2726.3	2827.6	2883.7	2876.9	2883.7	2827.6	2726.3	2593.2	2417.5	2243.1	2083.3
-35°	2141.4	2192.0	2219.1	2232.2	2219.1	2192.0	2141.4	2068.4	1972.7	1862.8	1762.8
-37.5°	1766.3	1791.7	1803.7	1805.1	1803.7	1791.7	1766.3	1726.4	1669.7	1595.4	1532.4
-40°	1512.1	1522.5	1524.5	1523.0	1524.5	1522.5	1512.1	1489.5	1452.8	1406.6	1363.0
-42.5°	1328.4	1337.6	1340.2	1337.7	1340.2	1337.6	1328.4	1311.5	1289.5	1262.5	1233.7
-45°	1188.5	1194.3	1195.9	1192.6	1195.9	1194.3	1188.5	1178.7	1166.3	1147.8	1123.3
-47.5°	1085.1	1085.6	1083.7	1079.8	1083.7	1085.6	1085.1	1080.6	1071.2	1057.5	1040.6
-50°	1003.1	1004.4	1003.2	999.2	1003.2	1004.4	1003.1	999.0	992.5	983.3	971.7
-52.5°	934.7	933.6	933.9	934.8	933.9	933.6	934.7	934.1	931.6	926.3	918.5
-55°	886.4	885.2	882.5	878.4	882.5	885.2	886.4	886.2	884.3	878.8	871.9
-57.5°	837.3	836.5	834.0	830.0	834.0	836.5	837.3	836.6	834.3	829.5	823.8
-60°	780.3	779.7	777.5	773.6	777.5	779.7	780.3	779.2	776.6	772.4	766.7
-62.5°	714.5	714.6	712.8	709.1	712.8	714.6	714.5	712.7	709.0	704.2	698.5
-65°	635.2	634.5	635.8	636.6	635.8	634.5	635.2	634.5	632.4	629.1	623.8
-67.5°	563.0	562.1	559.7	556.0	559.7	562.1	563.0	562.3	559.9	555.2	548.0
-70°	488.4	489.3	487.2	483.5	487.2	489.3	488.4	486.5	483.6	479.8	474.6
-72.5°	411.1	409.4	410.5	411.0	410.5	409.4	411.1	411.9	411.6	409.8	405.6
-75°	339.1	337.1	338.1	338.5	338.1	337.1	339.1	340.3	340.7	339.8	336.5
-77.5°	267.0	264.7	261.6	257.9	261.6	264.7	267.0	268.4	269.0	268.4	265.4
-80°	193.3	192.5	189.2	185.3	189.2	192.5	193.3	193.6	193.4	192.8	191.2
-82.5°	129.5	128.3	128.7	128.9	128.7	128.3	129.5	130.4	131.0	131.2	129.1
-85°	73.7	72.1	72.4	72.5	72.4	72.1	73.7	75.1	76.3	77.3	76.1
-87.5°	26.0	24.1	24.2	24.2	24.2	24.1	26.0	27.8	29.5	31.1	30.7
-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: P627709 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-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°	30.3	29.7	29.2	28.6	27.9	27.2	26.4	25.5	24.7	23.7	22.8
85°	74.7	73.2	71.5	69.6	67.6	65.4	63.0	59.3	55.7	52.2	48.9
82.5°	126.7	124.1	121.1	117.8	114.2	110.4	106.2	100.5	94.3	87.4	80.3
80°	189.0	186.0	181.9	175.2	168.3	161.4	154.5	147.8	140.7	133.4	125.5
77.5°	261.8	257.4	251.2	240.4	229.5	218.3	207.7	198.6	189.7	180.4	170.6
75°	332.3	327.4	320.3	308.8	295.5	280.3	266.5	255.1	243.1	230.5	217.3
72.5°	400.3	394.2	386.5	376.8	365.5	351.9	334.9	316.9	299.6	283.2	267.5
70°	468.3	460.9	453.0	443.5	432.0	419.0	402.2	381.8	358.6	336.0	319.1
67.5°	539.6	529.7	521.5	513.3	503.0	489.7	470.5	449.4	426.5	400.4	376.2
65°	615.8	604.9	594.4	584.5	573.2	560.3	540.5	517.3	492.5	466.4	439.1
62.5°	691.8	684.3	672.3	657.9	642.9	626.8	608.3	585.5	558.8	528.5	498.4
60°	759.4	750.2	736.6	722.5	708.2	690.1	666.5	645.6	627.6	593.3	557.3
57.5°	817.7	807.0	790.7	775.5	761.6	740.3	716.2	692.6	669.3	645.6	614.7
55°	863.7	852.3	837.7	820.5	801.5	781.8	759.7	734.4	709.8	688.0	659.5
52.5°	908.2	897.0	883.1	866.3	846.0	822.9	798.8	773.6	750.5	728.2	702.5
50°	959.6	945.6	930.0	912.7	890.6	865.9	839.9	812.8	789.0	766.1	741.9
47.5°	1023.4	1003.0	980.3	959.6	935.3	908.0	880.2	853.1	827.1	800.2	775.7
45°	1099.5	1071.8	1042.1	1014.1	982.7	953.0	921.0	892.7	864.9	835.8	805.6
42.5°	1196.3	1154.4	1115.6	1077.4	1038.3	1002.6	966.3	933.2	901.8	870.8	838.3
40°	1314.7	1258.4	1207.3	1150.9	1102.9	1056.3	1014.7	973.3	938.5	904.8	869.0
37.5°	1460.2	1386.7	1316.7	1243.8	1179.6	1118.4	1066.5	1018.8	973.4	936.7	898.9
35°	1646.8	1546.3	1446.0	1355.2	1268.4	1193.0	1123.6	1066.5	1014.7	967.3	927.6
32.5°	1898.4	1756.3	1604.2	1487.5	1373.0	1274.1	1191.3	1118.4	1056.3	1002.6	955.0
30°	2268.9	2035.7	1826.5	1641.1	1496.8	1369.2	1261.0	1176.8	1102.9	1038.3	982.7
27.5°	2799.8	2398.8	2116.1	1843.2	1632.4	1477.8	1347.2	1236.7	1149.9	1077.4	1013.6
25°	3552.3	2943.8	2453.1	2096.9	1810.2	1590.5	1436.8	1308.7	1202.6	1115.2	1038.4
22.5°	4583.7	3662.4	2909.1	2369.1	2015.2	1741.9	1534.3	1379.9	1250.7	1148.3	1064.7
20°	6101.1	4519.4	3499.2	2758.3	2245.3	1887.1	1636.0	1454.2	1304.7	1182.7	1087.7
17.5°	7902.0	5707.7	4145.0	3156.2	2514.7	2073.3	1753.6	1522.6	1353.9	1212.6	1106.5
15°	9821.4	7054.3	5047.4	3687.4	2790.1	2232.8	1851.6	1583.0	1400.7	1245.7	1129.8
12.5°	12272.6	8506.1	5838.9	4130.9	3060.9	2406.4	1965.5	1659.8	1446.8	1281.2	1154.0
10°	14591.4	10020.2	6802.3	4714.8	3390.4	2576.8	2066.5	1718.8	1482.4	1309.6	1173.7
7.5°	16782.2	11475.9	7635.1	5159.3	3644.7	2712.5	2141.5	1761.4	1507.8	1329.4	1188.7
5°	18387.7	12559.3	8287.0	5502.2	3824.7	2810.6	2190.1	1787.9	1522.9	1341.0	1199.0
2.5°	19609.2	13277.1	8683.5	5703.4	3927.4	2868.7	2219.2	1808.1	1537.5	1350.4	1210.3
0°	20170.2	13554.3	8815.9	5810.1	3988.9	2884.9	2232.2	1821.2	1547.2	1353.8	1216.8
-2.5°	19609.2	13277.1	8683.5	5703.4	3927.4	2868.7	2219.2	1808.1	1537.5	1350.4	1210.3
-5°	18387.7	12559.3	8287.0	5502.2	3824.7	2810.6	2190.1	1787.9	1522.9	1341.0	1199.0
-7.5°	16782.2	11475.9	7635.1	5159.3	3644.7	2712.5	2141.5	1761.4	1507.8	1329.4	1188.7
-10°	14591.4	10020.2	6802.3	4714.8	3390.4	2576.8	2066.5	1718.8	1482.4	1309.6	1173.7
-12.5°	12272.6	8506.1	5838.9	4130.9	3060.9	2406.4	1965.5	1659.8	1446.8	1281.2	1154.0
-15°	9821.4	7054.3	5047.4	3687.4	2790.1	2232.8	1851.6	1583.0	1400.7	1245.7	1129.8
-17.5°	7902.0	5707.7	4145.0	3156.2	2514.7	2073.3	1753.6	1522.6	1353.9	1212.6	1106.5
-20°	6101.1	4519.4	3499.2	2758.3	2245.3	1887.1	1636.0	1454.2	1304.7	1182.7	1087.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627709 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4583.7	3662.4	2909.1	2369.1	2015.2	1741.9	1534.3	1379.9	1250.7	1148.3	1064.7
-25°	3552.3	2943.8	2453.1	2096.9	1810.2	1590.5	1436.8	1308.7	1202.6	1115.2	1038.4
-27.5°	2799.8	2398.8	2116.1	1843.2	1632.4	1477.8	1347.2	1236.7	1149.9	1077.4	1013.6
-30°	2268.9	2035.7	1826.5	1641.1	1496.8	1369.2	1261.0	1176.8	1102.9	1038.3	982.7
-32.5°	1898.4	1756.3	1604.2	1487.5	1373.0	1274.1	1191.3	1118.4	1056.3	1002.6	955.0
-35°	1646.8	1546.3	1446.0	1355.2	1268.4	1193.0	1123.6	1066.5	1014.7	967.3	927.6
-37.5°	1460.2	1386.7	1316.7	1243.8	1179.6	1118.4	1066.5	1018.8	973.4	936.7	898.9
-40°	1314.7	1258.4	1207.3	1150.9	1102.9	1056.3	1014.7	973.3	938.5	904.8	869.0
-42.5°	1196.3	1154.4	1115.6	1077.4	1038.3	1002.6	966.3	933.2	901.8	870.8	838.3
-45°	1099.5	1071.8	1042.1	1014.1	982.7	953.0	921.0	892.7	864.9	835.8	805.6
-47.5°	1023.4	1003.0	980.3	959.6	935.3	908.0	880.2	853.1	827.1	800.2	775.7
-50°	959.6	945.6	930.0	912.7	890.6	865.9	839.9	812.8	789.0	766.1	741.9
-52.5°	908.2	897.0	883.1	866.3	846.0	822.9	798.8	773.6	750.5	728.2	702.5
-55°	863.7	852.3	837.7	820.5	801.5	781.8	759.7	734.4	709.8	688.0	659.5
-57.5°	817.7	807.0	790.7	775.5	761.6	740.3	716.2	692.6	669.3	645.6	614.7
-60°	759.4	750.2	736.6	722.5	708.2	690.1	666.5	645.6	627.6	593.3	557.3
-62.5°	691.8	684.3	672.3	657.9	642.9	626.8	608.3	585.5	558.8	528.5	498.4
-65°	615.8	604.9	594.4	584.5	573.2	560.3	540.5	517.3	492.5	466.4	439.1
-67.5°	539.6	529.7	521.5	513.3	503.0	489.7	470.5	449.4	426.5	400.4	376.2
-70°	468.3	460.9	453.0	443.5	432.0	419.0	402.2	381.8	358.6	336.0	319.1
-72.5°	400.3	394.2	386.5	376.8	365.5	351.9	334.9	316.9	299.6	283.2	267.5
-75°	332.3	327.4	320.3	308.8	295.5	280.3	266.5	255.1	243.1	230.5	217.3
-77.5°	261.8	257.4	251.2	240.4	229.5	218.3	207.7	198.6	189.7	180.4	170.6
-80°	189.0	186.0	181.9	175.2	168.3	161.4	154.5	147.8	140.7	133.4	125.5
-82.5°	126.7	124.1	121.1	117.8	114.2	110.4	106.2	100.5	94.3	87.4	80.3
-85°	74.7	73.2	71.5	69.6	67.6	65.4	63.0	59.3	55.7	52.2	48.9
-87.5°	30.3	29.7	29.2	28.6	27.9	27.2	26.4	25.5	24.7	23.7	22.8
-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: P627709 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-740-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°	21.8	20.7	19.6	18.5	17.3	16.1	14.9	13.6	12.3	11.0	9.7
85°	47.1	44.8	42.3	39.3	35.8	32.2	29.7	27.2	24.6	22.0	19.3
82.5°	76.2	73.4	70.5	66.9	61.7	56.2	50.7	45.0	39.2	33.3	29.0
80°	118.0	110.8	103.7	96.8	88.6	80.2	72.8	65.3	57.6	49.7	41.7
77.5°	160.4	149.8	138.8	128.7	118.5	108.0	97.2	86.2	75.8	66.0	56.0
75°	203.5	190.6	177.4	163.8	149.7	135.5	122.6	109.5	96.0	82.4	70.2
72.5°	251.4	234.7	217.4	199.7	183.4	166.6	149.4	132.5	116.9	101.0	84.8
70°	301.3	280.7	260.0	240.3	219.4	197.5	177.9	157.9	137.5	119.4	101.0
67.5°	353.6	332.5	308.2	281.9	258.3	233.7	207.2	183.6	160.8	137.5	116.9
65°	411.1	384.7	359.4	329.0	299.1	270.5	241.7	210.6	183.6	157.9	132.5
62.5°	467.2	435.4	405.0	373.8	341.2	308.2	275.7	240.8	207.0	177.9	149.4
60°	522.8	487.5	449.7	414.3	380.3	345.5	308.6	270.2	233.0	197.5	166.6
57.5°	575.5	538.5	495.9	454.3	416.1	379.7	340.3	298.6	258.1	219.0	183.3
55°	624.6	583.3	539.1	493.9	451.0	411.1	370.1	326.0	282.4	240.3	199.3
52.5°	669.8	626.7	579.5	531.6	484.7	441.3	398.1	352.2	305.7	260.7	216.6
50°	712.0	669.7	619.5	568.1	516.7	470.9	425.5	377.5	328.0	280.3	233.5
47.5°	748.4	708.4	659.8	604.2	549.5	500.1	452.5	402.1	349.2	299.0	249.9
45°	778.2	744.2	697.4	641.5	582.8	530.4	478.9	426.2	370.9	316.9	265.6
42.5°	805.9	774.1	732.0	677.9	617.0	560.3	504.7	449.7	392.0	334.1	280.6
40°	834.1	800.4	764.1	709.7	649.1	589.0	530.8	472.5	412.4	351.0	294.9
37.5°	860.4	825.5	788.6	739.2	677.9	616.0	555.7	494.6	431.4	367.9	308.4
35°	887.1	848.0	809.9	762.3	703.0	640.6	579.4	515.9	449.3	383.6	321.2
32.5°	912.7	869.0	827.7	781.2	726.0	662.6	600.6	534.3	466.0	398.0	333.2
30°	936.0	888.5	844.9	799.4	745.5	681.9	618.5	551.1	481.6	411.2	344.5
27.5°	954.7	904.7	861.3	815.1	761.1	699.3	634.2	566.3	495.9	423.5	355.2
25°	973.2	919.7	874.4	829.4	775.8	716.8	648.8	579.6	508.5	435.0	364.9
22.5°	993.9	933.6	884.6	842.9	790.7	733.6	662.7	591.2	519.4	445.4	373.5
20°	1012.1	945.6	892.3	853.6	802.6	746.2	675.9	601.7	528.8	454.6	381.0
17.5°	1028.1	958.5	902.4	859.9	812.0	757.0	688.1	611.0	536.7	462.6	387.4
15°	1044.8	972.0	911.4	865.0	819.5	766.0	699.2	619.0	543.1	469.4	393.0
12.5°	1059.7	983.0	918.6	869.0	825.2	773.3	709.0	625.7	548.1	475.0	398.3
10°	1072.1	991.5	924.0	871.7	829.3	778.9	717.3	632.1	553.5	479.4	402.7
7.5°	1081.8	997.4	927.5	873.2	832.1	783.3	724.4	639.5	558.0	482.4	406.3
5°	1088.8	1002.1	932.9	878.2	835.4	786.9	729.5	645.5	561.3	484.0	408.9
2.5°	1094.1	1006.1	938.8	882.9	837.4	789.0	732.4	650.0	563.4	484.4	410.5
0°	1095.9	1007.3	942.8	886.4	838.1	789.7	733.3	652.7	564.1	483.5	411.0
-2.5°	1094.1	1006.1	938.8	882.9	837.4	789.0	732.4	650.0	563.4	484.4	410.5
-5°	1088.8	1002.1	932.9	878.2	835.4	786.9	729.5	645.5	561.3	484.0	408.9
-7.5°	1081.8	997.4	927.5	873.2	832.1	783.3	724.4	639.5	558.0	482.4	406.3
-10°	1072.1	991.5	924.0	871.7	829.3	778.9	717.3	632.1	553.5	479.4	402.7
-12.5°	1059.7	983.0	918.6	869.0	825.2	773.3	709.0	625.7	548.1	475.0	398.3
-15°	1044.8	972.0	911.4	865.0	819.5	766.0	699.2	619.0	543.1	469.4	393.0
-17.5°	1028.1	958.5	902.4	859.9	812.0	757.0	688.1	611.0	536.7	462.6	387.4
-20°	1012.1	945.6	892.3	853.6	802.6	746.2	675.9	601.7	528.8	454.6	381.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627709 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-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°	993.9	933.6	884.6	842.9	790.7	733.6	662.7	591.2	519.4	445.4	373.5
-25°	973.2	919.7	874.4	829.4	775.8	716.8	648.8	579.6	508.5	435.0	364.9
-27.5°	954.7	904.7	861.3	815.1	761.1	699.3	634.2	566.3	495.9	423.5	355.2
-30°	936.0	888.5	844.9	799.4	745.5	681.9	618.5	551.1	481.6	411.2	344.5
-32.5°	912.7	869.0	827.7	781.2	726.0	662.6	600.6	534.3	466.0	398.0	333.2
-35°	887.1	848.0	809.9	762.3	703.0	640.6	579.4	515.9	449.3	383.6	321.2
-37.5°	860.4	825.5	788.6	739.2	677.9	616.0	555.7	494.6	431.4	367.9	308.4
-40°	834.1	800.4	764.1	709.7	649.1	589.0	530.8	472.5	412.4	351.0	294.9
-42.5°	805.9	774.1	732.0	677.9	617.0	560.3	504.7	449.7	392.0	334.1	280.6
-45°	778.2	744.2	697.4	641.5	582.8	530.4	478.9	426.2	370.9	316.9	265.6
-47.5°	748.4	708.4	659.8	604.2	549.5	500.1	452.5	402.1	349.2	299.0	249.9
-50°	712.0	669.7	619.5	568.1	516.7	470.9	425.5	377.5	328.0	280.3	233.5
-52.5°	669.8	626.7	579.5	531.6	484.7	441.3	398.1	352.2	305.7	260.7	216.6
-55°	624.6	583.3	539.1	493.9	451.0	411.1	370.1	326.0	282.4	240.3	199.3
-57.5°	575.5	538.5	495.9	454.3	416.1	379.7	340.3	298.6	258.1	219.0	183.3
-60°	522.8	487.5	449.7	414.3	380.3	345.5	308.6	270.2	233.0	197.5	166.6
-62.5°	467.2	435.4	405.0	373.8	341.2	308.2	275.7	240.8	207.0	177.9	149.4
-65°	411.1	384.7	359.4	329.0	299.1	270.5	241.7	210.6	183.6	157.9	132.5
-67.5°	353.6	332.5	308.2	281.9	258.3	233.7	207.2	183.6	160.8	137.5	116.9
-70°	301.3	280.7	260.0	240.3	219.4	197.5	177.9	157.9	137.5	119.4	101.0
-72.5°	251.4	234.7	217.4	199.7	183.4	166.6	149.4	132.5	116.9	101.0	84.8
-75°	203.5	190.6	177.4	163.8	149.7	135.5	122.6	109.5	96.0	82.4	70.2
-77.5°	160.4	149.8	138.8	128.7	118.5	108.0	97.2	86.2	75.8	66.0	56.0
-80°	118.0	110.8	103.7	96.8	88.6	80.2	72.8	65.3	57.6	49.7	41.7
-82.5°	76.2	73.4	70.5	66.9	61.7	56.2	50.7	45.0	39.2	33.3	29.0
-85°	47.1	44.8	42.3	39.3	35.8	32.2	29.7	27.2	24.6	22.0	19.3
-87.5°	21.8	20.7	19.6	18.5	17.3	16.1	14.9	13.6	12.3	11.0	9.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627709 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-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°	8.3	7.0	5.6	4.2	2.8	1.2	0.0
85°	16.6	13.9	11.2	8.4	5.6	2.5	0.0
82.5°	24.9	20.9	16.7	12.6	8.4	3.7	0.0
80°	33.7	27.7	22.3	16.7	11.1	4.9	0.0
77.5°	45.9	35.6	27.7	20.9	13.8	6.1	0.0
75°	57.9	45.3	33.5	24.9	16.5	7.3	0.0
72.5°	69.8	54.8	40.9	29.0	19.1	8.4	0.0
70°	81.7	64.2	48.1	33.2	21.7	9.6	0.0
67.5°	95.1	73.3	55.1	38.3	24.2	10.7	0.0
65°	108.4	83.3	62.0	43.3	26.6	11.8	0.0
62.5°	121.3	94.1	68.7	48.1	28.9	12.8	0.0
60°	134.0	104.6	75.2	52.8	31.1	13.8	0.0
57.5°	147.9	114.9	83.3	57.4	34.0	14.8	0.0
55°	161.6	124.9	91.3	61.8	36.9	15.8	0.0
52.5°	175.0	134.8	99.0	66.0	39.6	16.7	0.0
50°	187.8	145.5	106.5	70.1	42.3	17.5	0.0
47.5°	200.4	155.8	113.6	74.3	45.0	18.3	0.0
45°	213.9	165.7	120.5	79.4	47.5	19.1	0.0
42.5°	226.7	175.2	127.1	84.4	49.9	19.8	0.0
40°	238.9	184.2	133.8	89.2	52.3	20.5	0.0
37.5°	250.5	192.7	140.6	93.8	54.5	21.1	0.0
35°	261.4	201.4	147.0	98.2	56.7	21.7	0.0
32.5°	271.6	209.9	153.0	102.3	58.7	22.2	0.0
30°	281.2	217.8	158.6	106.1	60.6	22.7	0.0
27.5°	290.0	225.1	164.0	109.7	62.4	23.1	0.0
25°	298.0	231.7	169.0	113.0	64.1	23.5	0.0
22.5°	305.3	237.8	173.6	116.0	65.6	23.8	0.0
20°	311.9	243.0	177.7	118.6	67.0	24.0	0.0
17.5°	317.3	247.4	181.3	121.0	68.2	24.2	0.0
15°	321.7	251.1	184.5	123.1	69.3	24.4	0.0
12.5°	325.2	254.0	187.2	124.9	70.3	24.5	0.0
10°	328.0	256.2	189.4	126.3	71.1	24.5	0.0
7.5°	329.8	257.6	191.2	127.4	71.7	24.5	0.0
5°	330.9	258.4	192.4	128.3	72.1	24.5	0.0
2.5°	331.1	258.5	193.2	128.7	72.4	24.4	0.0
0°	330.4	257.9	193.4	128.9	72.5	24.2	0.0
-2.5°	331.1	258.5	193.2	128.7	72.4	24.4	0.0
-5°	330.9	258.4	192.4	128.3	72.1	24.5	0.0
-7.5°	329.8	257.6	191.2	127.4	71.7	24.5	0.0
-10°	328.0	256.2	189.4	126.3	71.1	24.5	0.0
-12.5°	325.2	254.0	187.2	124.9	70.3	24.5	0.0
-15°	321.7	251.1	184.5	123.1	69.3	24.4	0.0
-17.5°	317.3	247.4	181.3	121.0	68.2	24.2	0.0
-20°	311.9	243.0	177.7	118.6	67.0	24.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627709 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	305.3	237.8	173.6	116.0	65.6	23.8	0.0
-25°	298.0	231.7	169.0	113.0	64.1	23.5	0.0
-27.5°	290.0	225.1	164.0	109.7	62.4	23.1	0.0
-30°	281.2	217.8	158.6	106.1	60.6	22.7	0.0
-32.5°	271.6	209.9	153.0	102.3	58.7	22.2	0.0
-35°	261.4	201.4	147.0	98.2	56.7	21.7	0.0
-37.5°	250.5	192.7	140.6	93.8	54.5	21.1	0.0
-40°	238.9	184.2	133.8	89.2	52.3	20.5	0.0
-42.5°	226.7	175.2	127.1	84.4	49.9	19.8	0.0
-45°	213.9	165.7	120.5	79.4	47.5	19.1	0.0
-47.5°	200.4	155.8	113.6	74.3	45.0	18.3	0.0
-50°	187.8	145.5	106.5	70.1	42.3	17.5	0.0
-52.5°	175.0	134.8	99.0	66.0	39.6	16.7	0.0
-55°	161.6	124.9	91.3	61.8	36.9	15.8	0.0
-57.5°	147.9	114.9	83.3	57.4	34.0	14.8	0.0
-60°	134.0	104.6	75.2	52.8	31.1	13.8	0.0
-62.5°	121.3	94.1	68.7	48.1	28.9	12.8	0.0
-65°	108.4	83.3	62.0	43.3	26.6	11.8	0.0
-67.5°	95.1	73.3	55.1	38.3	24.2	10.7	0.0
-70°	81.7	64.2	48.1	33.2	21.7	9.6	0.0
-72.5°	69.8	54.8	40.9	29.0	19.1	8.4	0.0
-75°	57.9	45.3	33.5	24.9	16.5	7.3	0.0
-77.5°	45.9	35.6	27.7	20.9	13.8	6.1	0.0
-80°	33.7	27.7	22.3	16.7	11.1	4.9	0.0
-82.5°	24.9	20.9	16.7	12.6	8.4	3.7	0.0
-85°	16.6	13.9	11.2	8.4	5.6	2.5	0.0
-87.5°	8.3	7.0	5.6	4.2	2.8	1.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)