

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: P627347 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-740-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627347 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA4B-740-U-MWR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N99
Light Source: (64) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

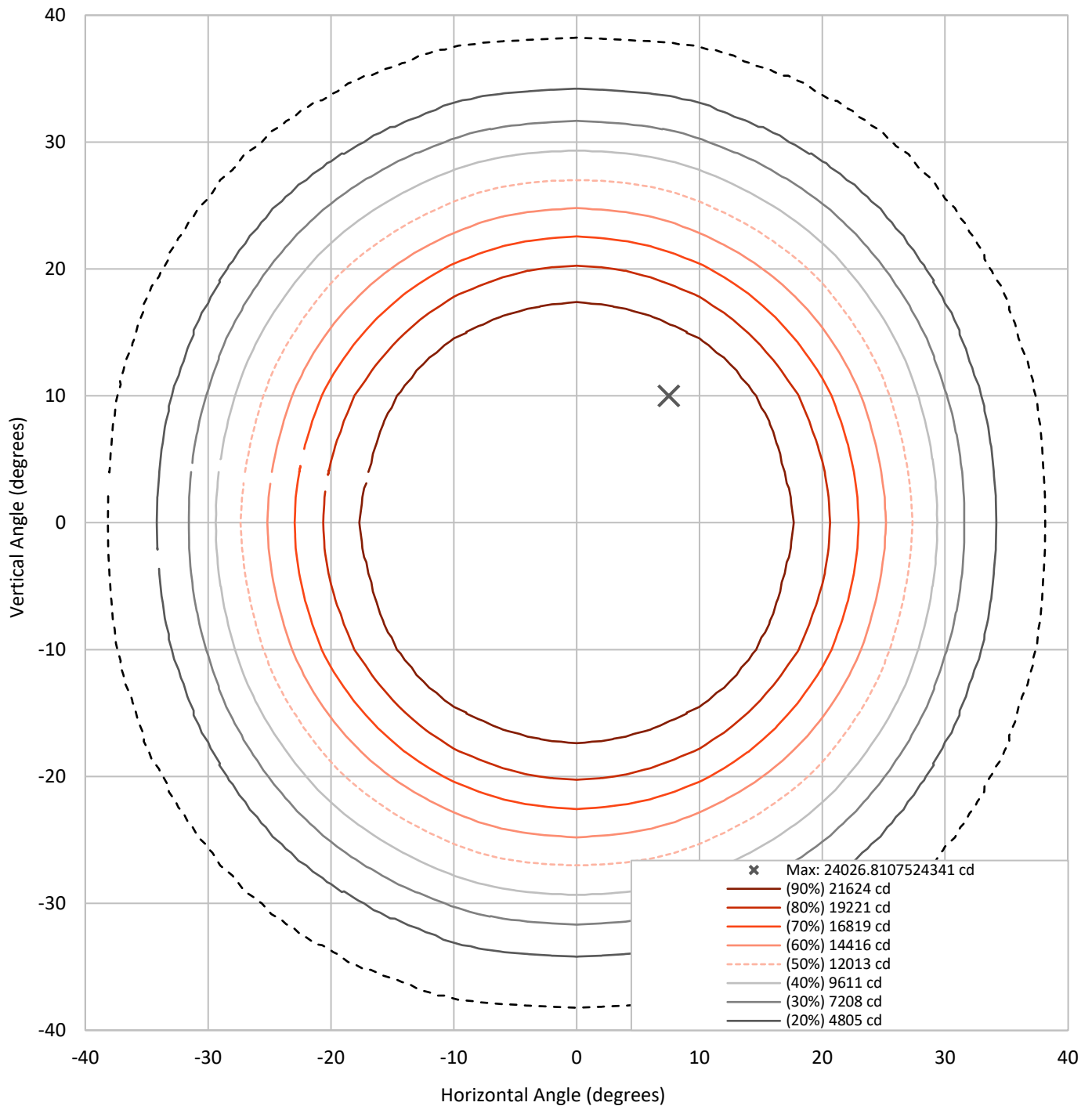
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	20449.1 lumens	Max Intensity:	24026.8 candela
Efficiency:	N/A	Max Intensity Angle:	7.5°H x 10°V
Efficacy:	157.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	13572.9 lumens	Field Lumens:	17648.7 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	129.5		
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		



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Iso-Candela Plot





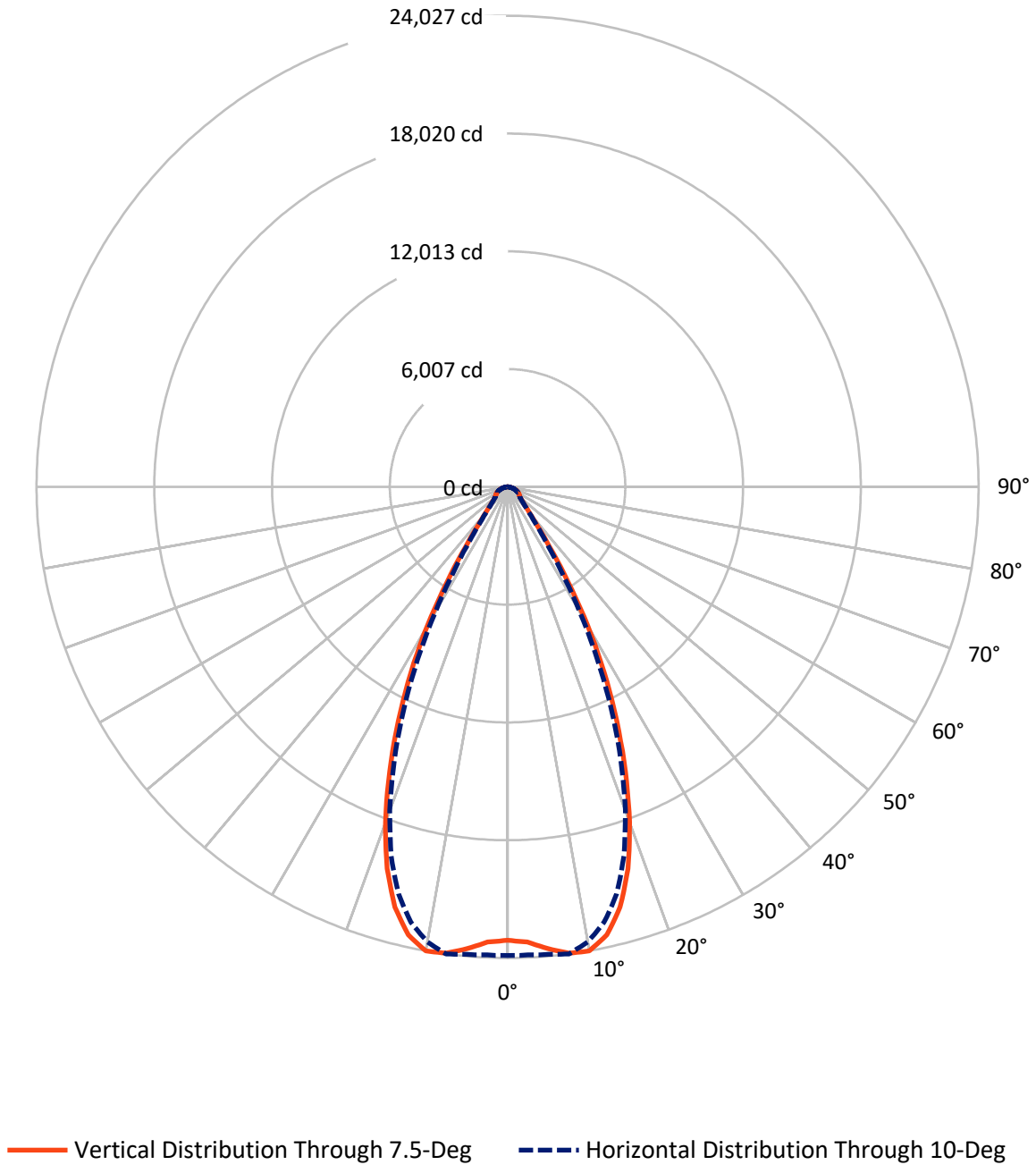
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Lumen Table

90															90	
80	0.5	4.8		12.8		20.3		22.7		20.3		12.8		4.8		0.5
70															70	
60	2.2	2.5	5.0	8.2	11.5	13.9	15.7	16.6	16.6	15.7	13.9	11.5	8.2	5.0	2.5	2.2
50		3.7	7.4	11.8	15.8	19.1	21.4	22.3	22.3	21.4	19.1	15.8	11.8	7.4	3.7	
40	3.8	4.7	9.3	14.3	19.2	25.0	31.4	36.1	36.1	31.4	25.0	19.2	14.3	9.3	4.7	3.8
30		5.6	10.9	16.5	25.5	46.5	88.9	131.9	131.9	88.9	46.5	25.5	16.5	10.9	5.6	
20	5.0	6.3	11.8	19.2	41.9	131.3	294.5	411.2	411.2	294.5	131.3	41.9	19.2	11.8	6.3	5.0
10		6.7	12.5	22.8	75.7	279.9	534.4	668.9	668.9	534.4	279.9	75.7	22.8	12.5	6.7	
0	5.4	6.9	12.8	25.7	109.0	383.0	648.4	705.4	705.4	648.4	383.0	109.0	25.7	12.8	6.9	5.4
-10		6.9	12.8	25.7	109.0	383.0	648.4	705.4	705.4	648.4	383.0	109.0	25.7	12.8	6.9	
-20	5.0	6.7	12.5	22.8	75.7	279.9	534.4	668.9	668.9	534.4	279.9	75.7	22.8	12.5	6.7	5.0
-30		6.3	11.8	19.2	41.9	131.3	294.5	411.2	411.2	294.5	131.3	41.9	19.2	11.8	6.3	
-40	3.8	5.6	10.9	16.5	25.5	46.5	88.9	131.9	131.9	88.9	46.5	25.5	16.5	10.9	5.6	3.8
-50		4.7	9.3	14.3	19.2	25.0	31.4	36.1	36.1	31.4	25.0	19.2	14.3	9.3	4.7	
-60	2.2	3.7	7.4	11.8	15.8	19.1	21.4	22.3	22.3	21.4	19.1	15.8	11.8	7.4	3.7	2.2
-70		2.5	5.0	8.2	11.5	13.9	15.7	16.6	16.6	15.7	13.9	11.5	8.2	5.0	2.5	
-80															-80	
-90	0.5	4.8		12.8		20.3		22.7		20.3		12.8		4.8		0.5
-90																
-80																
-70																
-60																
-50																
-40																
-30																
-20																
-10																
0																
10																
20																
30																
40																
50																
60																
70																
80																
90																
Horizontal Angle (degrees)																

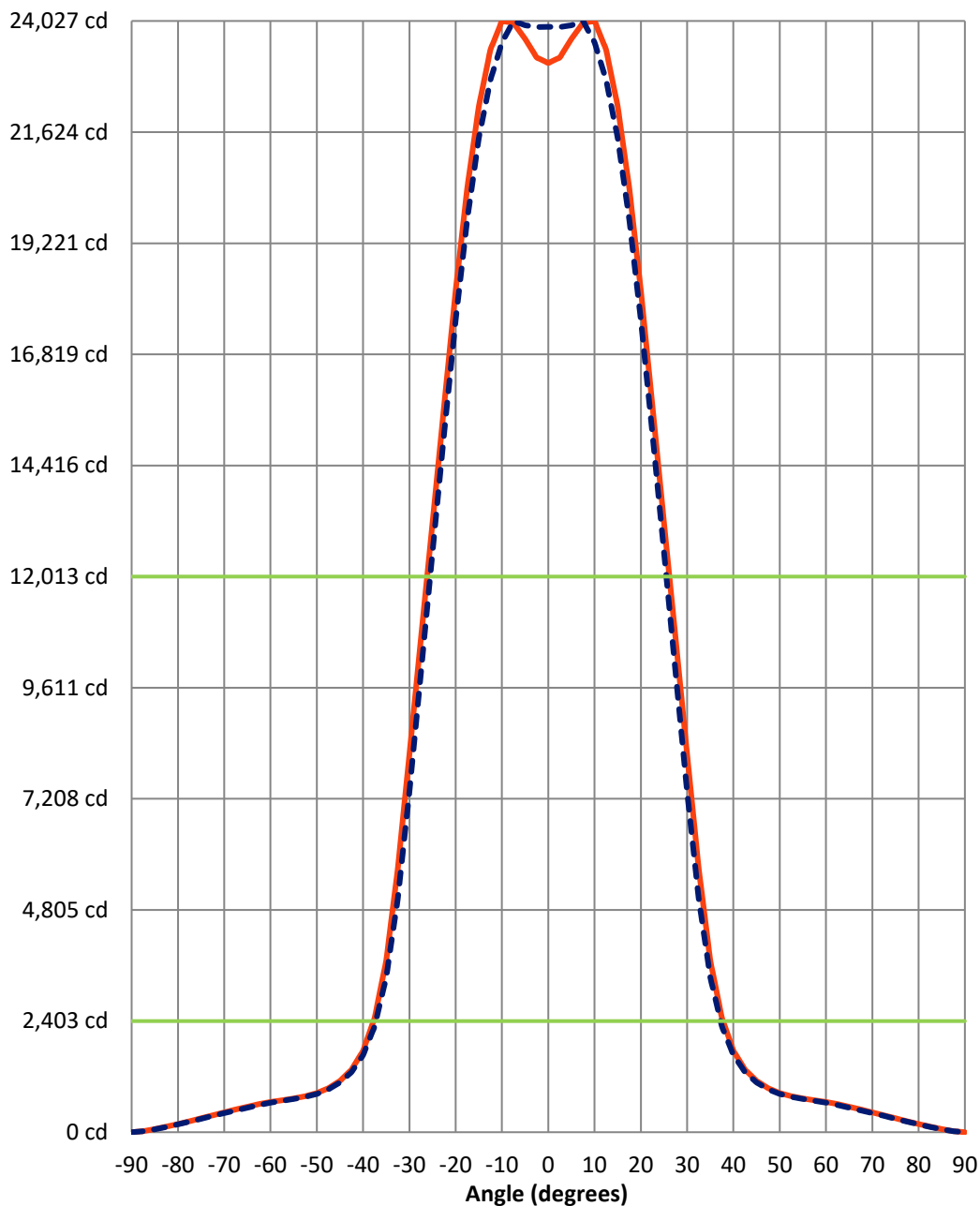
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 13572.9
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 17648.7
 Efficiency: 86.3%

Spill:
 Lumens: 2800.4
 Efficiency: 13.7%

— Vertical Distribution through 7.5-Deg
 - - Horizontal Distribution through 10-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.9	1.8	2.7	3.6	4.5	5.4	6.6	7.9	9.2	10.6
85°	0.0	1.8	3.7	5.5	7.3	9.1	10.9	13.2	15.8	18.4	21.2
82.5°	0.0	2.7	5.5	8.2	10.9	13.6	16.3	19.8	24.1	30.4	36.3
80°	0.0	3.6	7.3	10.9	14.5	18.1	22.4	30.9	39.0	46.7	53.9
77.5°	0.0	4.5	9.1	13.6	18.1	24.4	34.2	44.3	53.9	63.0	72.7
75°	0.0	5.4	10.9	16.3	22.4	34.2	45.8	57.5	69.0	82.2	95.2
72.5°	0.0	6.3	12.6	18.9	30.1	43.8	57.4	71.4	87.0	102.4	117.6
70°	0.0	7.2	14.3	22.1	37.8	53.3	69.0	87.0	104.8	122.4	140.8
67.5°	0.0	8.0	16.1	27.7	45.3	62.7	82.1	102.4	122.4	143.0	164.0
65°	0.0	8.9	17.7	33.3	52.6	72.6	95.0	117.6	140.1	163.1	187.6
62.5°	0.0	9.7	19.4	38.7	59.9	82.9	107.5	132.5	157.4	183.4	212.9
60°	0.0	10.5	21.0	44.0	66.9	92.9	119.7	147.1	174.2	205.4	237.6
57.5°	0.0	11.3	24.4	49.2	74.6	102.7	131.9	161.2	192.5	226.8	260.9
55°	0.0	12.0	27.7	54.2	82.1	112.2	144.0	175.1	210.8	247.4	283.2
52.5°	0.0	12.8	30.8	59.1	89.4	121.4	155.7	190.3	228.4	266.9	304.9
50°	0.0	13.5	33.9	63.8	96.3	131.0	167.1	205.2	245.2	285.8	325.9
47.5°	0.0	14.2	36.8	68.5	103.0	140.2	178.3	219.5	261.4	304.0	346.2
45°	0.0	14.8	39.6	73.3	109.4	149.2	190.0	233.1	277.1	321.5	365.7
42.5°	0.0	15.5	42.3	77.8	115.5	157.8	201.1	246.1	291.9	338.3	384.1
40°	0.0	16.1	44.8	82.1	121.7	166.1	211.6	258.4	306.1	354.3	401.9
37.5°	0.0	16.7	47.2	86.0	128.0	174.0	221.5	269.9	319.7	369.8	419.0
35°	0.0	17.2	49.4	89.7	133.9	181.7	230.8	280.7	332.8	384.3	434.9
32.5°	0.0	17.7	51.4	93.1	139.5	189.0	239.4	290.7	345.1	397.8	448.9
30°	0.0	18.2	53.3	96.3	144.8	195.7	247.5	300.2	356.8	410.2	461.9
27.5°	0.0	18.6	55.1	99.3	149.5	201.9	254.8	309.5	367.4	421.5	474.0
25°	0.0	19.0	56.6	101.9	153.7	207.6	261.5	318.1	376.7	431.6	485.1
22.5°	0.0	19.4	58.0	104.4	157.5	212.6	267.4	325.9	385.0	440.5	495.0
20°	0.0	19.7	59.3	106.5	161.0	216.9	272.7	333.1	392.3	448.4	504.0
17.5°	0.0	20.0	60.3	108.4	163.9	220.7	277.5	339.4	398.7	455.4	511.8
15°	0.0	20.3	61.2	110.0	166.5	223.9	281.8	345.1	404.1	461.3	518.4
12.5°	0.0	20.5	62.0	111.3	168.6	226.5	285.5	350.1	408.9	466.3	524.0
10°	0.0	20.7	62.5	112.3	170.3	228.6	288.6	354.2	413.0	470.9	528.7
7.5°	0.0	20.8	62.9	113.0	171.5	230.1	291.1	357.4	416.3	474.6	532.8
5°	0.0	20.9	63.1	113.5	172.2	231.1	292.9	359.7	418.6	477.3	535.8
2.5°	0.0	21.0	63.2	113.6	172.5	231.5	293.9	361.1	420.0	478.9	537.6
0°	0.0	21.0	63.1	113.5	172.4	231.3	294.3	361.6	420.5	479.4	538.2
-2.5°	0.0	21.0	63.2	113.6	172.5	231.5	293.9	361.1	420.0	478.9	537.6
-5°	0.0	20.9	63.1	113.5	172.2	231.1	292.9	359.7	418.6	477.3	535.8
-7.5°	0.0	20.8	62.9	113.0	171.5	230.1	291.1	357.4	416.3	474.6	532.8
-10°	0.0	20.7	62.5	112.3	170.3	228.6	288.6	354.2	413.0	470.9	528.7
-12.5°	0.0	20.5	62.0	111.3	168.6	226.5	285.5	350.1	408.9	466.3	524.0
-15°	0.0	20.3	61.2	110.0	166.5	223.9	281.8	345.1	404.1	461.3	518.4
-17.5°	0.0	20.0	60.3	108.4	163.9	220.7	277.5	339.4	398.7	455.4	511.8
-20°	0.0	19.7	59.3	106.5	161.0	216.9	272.7	333.1	392.3	448.4	504.0

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CATALOG NUMBER: GFLD-SA4B-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	19.4	58.0	104.4	157.5	212.6	267.4	325.9	385.0	440.5	495.0
-25°	0.0	19.0	56.6	101.9	153.7	207.6	261.5	318.1	376.7	431.6	485.1
-27.5°	0.0	18.6	55.1	99.3	149.5	201.9	254.8	309.5	367.4	421.5	474.0
-30°	0.0	18.2	53.3	96.3	144.8	195.7	247.5	300.2	356.8	410.2	461.9
-32.5°	0.0	17.7	51.4	93.1	139.5	189.0	239.4	290.7	345.1	397.8	448.9
-35°	0.0	17.2	49.4	89.7	133.9	181.7	230.8	280.7	332.8	384.3	434.9
-37.5°	0.0	16.7	47.2	86.0	128.0	174.0	221.5	269.9	319.7	369.8	419.0
-40°	0.0	16.1	44.8	82.1	121.7	166.1	211.6	258.4	306.1	354.3	401.9
-42.5°	0.0	15.5	42.3	77.8	115.5	157.8	201.1	246.1	291.9	338.3	384.1
-45°	0.0	14.8	39.6	73.3	109.4	149.2	190.0	233.1	277.1	321.5	365.7
-47.5°	0.0	14.2	36.8	68.5	103.0	140.2	178.3	219.5	261.4	304.0	346.2
-50°	0.0	13.5	33.9	63.8	96.3	131.0	167.1	205.2	245.2	285.8	325.9
-52.5°	0.0	12.8	30.8	59.1	89.4	121.4	155.7	190.3	228.4	266.9	304.9
-55°	0.0	12.0	27.7	54.2	82.1	112.2	144.0	175.1	210.8	247.4	283.2
-57.5°	0.0	11.3	24.4	49.2	74.6	102.7	131.9	161.2	192.5	226.8	260.9
-60°	0.0	10.5	21.0	44.0	66.9	92.9	119.7	147.1	174.2	205.4	237.6
-62.5°	0.0	9.7	19.4	38.7	59.9	82.9	107.5	132.5	157.4	183.4	212.9
-65°	0.0	8.9	17.7	33.3	52.6	72.6	95.0	117.6	140.1	163.1	187.6
-67.5°	0.0	8.0	16.1	27.7	45.3	62.7	82.1	102.4	122.4	143.0	164.0
-70°	0.0	7.2	14.3	22.1	37.8	53.3	69.0	87.0	104.8	122.4	140.8
-72.5°	0.0	6.3	12.6	18.9	30.1	43.8	57.4	71.4	87.0	102.4	117.6
-75°	0.0	5.4	10.9	16.3	22.4	34.2	45.8	57.5	69.0	82.2	95.2
-77.5°	0.0	4.5	9.1	13.6	18.1	24.4	34.2	44.3	53.9	63.0	72.7
-80°	0.0	3.6	7.3	10.9	14.5	18.1	22.4	30.9	39.0	46.7	53.9
-82.5°	0.0	2.7	5.5	8.2	10.9	13.6	16.3	19.8	24.1	30.4	36.3
-85°	0.0	1.8	3.7	5.5	7.3	9.1	10.9	13.2	15.8	18.4	21.2
-87.5°	0.0	0.9	1.8	2.7	3.6	4.5	5.4	6.6	7.9	9.2	10.6
-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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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	11.6	12.6	13.5	14.5	15.3	16.2	17.0	17.8	18.6	19.3	20.0
85°	23.2	25.2	28.5	32.0	35.2	38.4	41.4	44.3	47.1	49.8	52.3
82.5°	41.7	47.1	52.7	58.3	63.3	68.0	72.7	77.5	82.2	87.0	91.7
80°	61.3	68.9	77.6	85.8	93.0	99.9	106.5	112.9	119.8	127.2	134.7
77.5°	83.9	94.7	104.9	114.4	123.6	133.6	143.3	152.6	162.3	171.9	181.0
75°	108.2	120.5	133.5	146.3	158.8	170.8	182.6	194.6	206.7	218.7	230.2
72.5°	133.2	148.9	164.3	179.2	194.6	209.7	224.2	238.3	252.7	267.5	281.5
70°	159.3	177.2	196.1	214.3	231.7	249.3	267.0	284.2	300.9	318.0	334.9
67.5°	185.6	208.0	229.3	249.6	270.1	290.7	310.7	331.2	350.9	370.8	389.8
65°	214.5	239.0	262.3	285.5	308.7	333.0	356.6	379.4	402.4	424.6	444.5
62.5°	242.8	268.9	294.7	321.0	348.7	375.9	401.8	427.9	454.6	477.9	498.1
60°	268.9	297.9	326.7	356.7	387.3	416.6	445.6	474.0	502.7	529.5	546.0
57.5°	294.1	326.1	358.0	390.3	422.6	455.3	485.7	517.0	543.7	566.3	585.4
55°	318.6	353.4	387.3	421.3	456.1	490.3	523.4	553.2	579.2	598.0	616.5
52.5°	342.5	379.1	414.2	450.9	488.0	524.3	558.8	586.4	607.8	627.0	644.2
50°	365.6	402.9	440.0	479.8	518.9	557.2	589.8	613.9	635.6	654.4	672.4
47.5°	387.2	426.1	465.8	507.6	548.8	585.9	615.7	641.0	663.2	683.4	704.8
45°	408.1	449.4	491.3	534.4	576.5	612.3	641.1	668.4	689.1	711.9	736.5
42.5°	428.4	471.7	515.6	560.2	602.7	636.2	665.0	689.9	714.3	741.4	771.0
40°	447.6	492.8	538.6	585.0	627.4	657.1	685.2	711.7	741.4	773.4	807.7
37.5°	465.7	512.6	560.1	608.3	645.5	676.1	705.0	734.5	768.9	806.1	852.7
35°	482.6	531.0	580.1	626.4	661.8	694.3	724.1	757.0	797.2	845.8	905.5
32.5°	498.2	548.0	598.6	641.1	676.8	710.5	741.2	782.2	830.6	888.4	973.0
30°	512.6	563.6	614.4	655.6	690.3	724.2	761.5	807.7	864.3	948.8	1056.9
27.5°	526.0	577.8	626.8	667.5	702.4	737.3	781.0	837.0	911.5	1012.3	1146.7
25°	538.3	591.4	638.7	677.6	713.6	752.3	799.8	862.8	960.7	1090.9	1272.5
22.5°	549.4	603.6	650.1	686.2	724.1	766.1	821.4	900.2	1013.1	1165.1	1399.4
20°	559.3	612.9	658.6	694.4	733.9	777.4	840.7	935.7	1071.9	1268.8	1567.8
17.5°	568.0	621.0	665.0	702.4	743.3	790.2	859.5	966.5	1124.1	1359.2	1738.0
15°	575.5	627.9	670.4	709.1	751.5	805.0	885.6	1006.7	1184.8	1453.2	1886.4
12.5°	581.7	633.6	674.8	714.6	758.3	817.3	908.0	1044.6	1247.8	1568.7	2105.0
10°	586.6	638.1	678.1	718.8	763.6	827.2	926.1	1075.6	1299.9	1668.7	2291.4
7.5°	591.1	641.4	680.5	721.8	767.4	834.5	939.9	1099.5	1339.9	1747.3	2439.0
5°	594.4	643.3	681.8	723.6	770.5	839.3	949.3	1116.1	1367.6	1803.4	2542.8
2.5°	596.4	643.9	682.0	724.0	772.9	841.5	954.2	1125.2	1389.3	1830.0	2598.6
0°	597.1	643.3	681.2	723.2	773.7	841.0	954.5	1126.9	1400.2	1829.1	2607.0
-2.5°	596.4	643.9	682.0	724.0	772.9	841.5	954.2	1125.2	1389.3	1830.0	2598.6
-5°	594.4	643.3	681.8	723.6	770.5	839.3	949.3	1116.1	1367.6	1803.4	2542.8
-7.5°	591.1	641.4	680.5	721.8	767.4	834.5	939.9	1099.5	1339.9	1747.3	2439.0
-10°	586.6	638.1	678.1	718.8	763.6	827.2	926.1	1075.6	1299.9	1668.7	2291.4
-12.5°	581.7	633.6	674.8	714.6	758.3	817.3	908.0	1044.6	1247.8	1568.7	2105.0
-15°	575.5	627.9	670.4	709.1	751.5	805.0	885.6	1006.7	1184.8	1453.2	1886.4
-17.5°	568.0	621.0	665.0	702.4	743.3	790.2	859.5	966.5	1124.1	1359.2	1738.0
-20°	559.3	612.9	658.6	694.4	733.9	777.4	840.7	935.7	1071.9	1268.8	1567.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627347 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	549.4	603.6	650.1	686.2	724.1	766.1	821.4	900.2	1013.1	1165.1	1399.4
-25°	538.3	591.4	638.7	677.6	713.6	752.3	799.8	862.8	960.7	1090.9	1272.5
-27.5°	526.0	577.8	626.8	667.5	702.4	737.3	781.0	837.0	911.5	1012.3	1146.7
-30°	512.6	563.6	614.4	655.6	690.3	724.2	761.5	807.7	864.3	948.8	1056.9
-32.5°	498.2	548.0	598.6	641.1	676.8	710.5	741.2	782.2	830.6	888.4	973.0
-35°	482.6	531.0	580.1	626.4	661.8	694.3	724.1	757.0	797.2	845.8	905.5
-37.5°	465.7	512.6	560.1	608.3	645.5	676.1	705.0	734.5	768.9	806.1	852.7
-40°	447.6	492.8	538.6	585.0	627.4	657.1	685.2	711.7	741.4	773.4	807.7
-42.5°	428.4	471.7	515.6	560.2	602.7	636.2	665.0	689.9	714.3	741.4	771.0
-45°	408.1	449.4	491.3	534.4	576.5	612.3	641.1	668.4	689.1	711.9	736.5
-47.5°	387.2	426.1	465.8	507.6	548.8	585.9	615.7	641.0	663.2	683.4	704.8
-50°	365.6	402.9	440.0	479.8	518.9	557.2	589.8	613.9	635.6	654.4	672.4
-52.5°	342.5	379.1	414.2	450.9	488.0	524.3	558.8	586.4	607.8	627.0	644.2
-55°	318.6	353.4	387.3	421.3	456.1	490.3	523.4	553.2	579.2	598.0	616.5
-57.5°	294.1	326.1	358.0	390.3	422.6	455.3	485.7	517.0	543.7	566.3	585.4
-60°	268.9	297.9	326.7	356.7	387.3	416.6	445.6	474.0	502.7	529.5	546.0
-62.5°	242.8	268.9	294.7	321.0	348.7	375.9	401.8	427.9	454.6	477.9	498.1
-65°	214.5	239.0	262.3	285.5	308.7	333.0	356.6	379.4	402.4	424.6	444.5
-67.5°	185.6	208.0	229.3	249.6	270.1	290.7	310.7	331.2	350.9	370.8	389.8
-70°	159.3	177.2	196.1	214.3	231.7	249.3	267.0	284.2	300.9	318.0	334.9
-72.5°	133.2	148.9	164.3	179.2	194.6	209.7	224.2	238.3	252.7	267.5	281.5
-75°	108.2	120.5	133.5	146.3	158.8	170.8	182.6	194.6	206.7	218.7	230.2
-77.5°	83.9	94.7	104.9	114.4	123.6	133.6	143.3	152.6	162.3	171.9	181.0
-80°	61.3	68.9	77.6	85.8	93.0	99.9	106.5	112.9	119.8	127.2	134.7
-82.5°	41.7	47.1	52.7	58.3	63.3	68.0	72.7	77.5	82.2	87.0	91.7
-85°	23.2	25.2	28.5	32.0	35.2	38.4	41.4	44.3	47.1	49.8	52.3
-87.5°	11.6	12.6	13.5	14.5	15.3	16.2	17.0	17.8	18.6	19.3	20.0
-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: P627347 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	20.6	20.4	20.0	19.6	19.0	20.4	21.7	23.0	24.3	23.6	22.8
85°	54.7	56.0	57.0	57.9	58.6	61.3	63.8	66.1	68.3	68.3	68.0
82.5°	96.3	99.4	102.0	104.4	106.6	109.6	112.3	114.7	116.7	118.2	119.5
80°	141.9	146.9	151.2	155.2	158.7	162.7	166.5	169.8	172.7	174.3	175.3
77.5°	190.1	197.4	204.0	210.3	216.2	222.1	227.5	232.3	236.5	237.4	237.2
75°	241.2	251.0	260.3	268.9	276.8	283.6	289.4	294.2	298.2	300.2	301.2
72.5°	294.9	307.1	318.0	327.8	336.2	343.2	349.3	354.6	359.0	361.8	363.5
70°	351.0	365.3	376.5	385.7	393.0	399.9	407.8	415.3	422.2	426.2	427.7
67.5°	407.1	422.1	432.3	440.8	447.4	454.3	464.1	473.0	480.9	486.3	489.6
65°	462.2	477.9	488.2	496.3	502.4	509.3	520.3	529.1	535.8	541.1	545.9
62.5°	516.6	532.4	543.9	553.5	562.3	569.9	578.9	586.3	592.0	597.3	603.2
60°	563.7	582.5	594.5	604.2	615.2	627.0	633.6	639.2	644.0	648.3	651.9
57.5°	602.2	618.9	634.4	646.1	657.5	668.4	676.3	681.5	685.7	688.9	690.1
55°	634.4	651.7	668.9	681.6	692.8	703.0	711.7	718.5	724.1	728.5	729.6
52.5°	663.3	682.7	699.6	714.2	729.0	741.1	750.6	759.8	767.9	774.3	777.1
50°	694.7	715.0	736.1	755.7	771.4	785.2	796.7	809.7	823.5	834.8	842.0
47.5°	727.7	751.1	776.6	800.7	819.3	839.8	858.9	878.3	903.8	925.2	941.1
45°	762.2	792.3	821.3	851.9	877.7	916.4	952.2	983.0	1023.9	1061.1	1090.6
42.5°	803.0	840.4	876.1	925.2	976.5	1029.3	1086.3	1134.9	1198.9	1264.0	1316.6
40°	851.3	899.1	962.1	1027.9	1109.0	1181.5	1279.9	1367.6	1465.8	1589.9	1692.4
37.5°	909.5	983.2	1070.7	1162.5	1288.8	1409.5	1572.2	1743.6	1899.2	2137.9	2338.8
35°	985.1	1088.1	1203.3	1365.7	1544.5	1770.7	2024.5	2355.6	2639.5	3042.3	3427.2
32.5°	1082.4	1214.9	1403.0	1653.7	1918.0	2328.7	2731.4	3306.3	3838.7	4477.1	5166.0
30°	1190.7	1392.3	1679.8	2023.7	2516.7	3120.9	3830.8	4713.8	5680.1	6577.3	7461.5
27.5°	1347.7	1636.5	2014.3	2569.1	3337.5	4182.8	5426.5	6625.1	7875.7	8987.4	9914.5
25°	1531.0	1912.7	2496.8	3313.8	4353.0	5800.5	7289.2	8768.6	10113.5	11277.3	12301.7
22.5°	1767.7	2316.6	3095.3	4153.6	5771.9	7506.7	9252.5	10884.2	12318.9	13614.8	14723.7
20°	2025.1	2712.0	3824.1	5402.1	7252.7	9229.2	11200.4	12938.6	14518.3	15987.7	17237.5
17.5°	2351.5	3313.4	4721.6	6614.6	8754.3	10919.8	12990.7	14876.9	16669.0	18224.0	19529.8
15°	2629.6	3843.0	5680.9	7901.0	10215.4	12499.8	14686.0	16734.9	18598.1	20193.5	21421.1
12.5°	3000.5	4436.6	6532.6	9007.0	11514.9	13918.5	16221.4	18339.0	20235.2	21813.0	22768.6
10°	3351.1	5051.1	7355.8	9936.2	12541.8	15102.8	17561.6	19733.4	21493.9	22749.0	23563.4
7.5°	3649.2	5579.2	8025.4	10687.3	13357.7	16035.2	18524.1	20637.2	22260.5	23308.7	23875.6
5°	3871.8	5974.0	8522.5	11297.7	14037.8	16762.3	19231.8	21215.6	22618.6	23397.2	23681.9
2.5°	4013.6	6205.9	8811.0	11698.1	14493.0	17222.4	19717.3	21670.0	22860.3	23376.4	23425.4
0°	4070.3	6235.8	8855.5	11908.2	14607.7	17353.5	19855.4	21856.9	22950.2	23374.9	23366.5
-2.5°	4013.6	6205.9	8811.0	11698.1	14493.0	17222.4	19717.3	21670.0	22860.3	23376.4	23425.4
-5°	3871.8	5974.0	8522.5	11297.7	14037.8	16762.3	19231.8	21215.6	22618.6	23397.2	23681.9
-7.5°	3649.2	5579.2	8025.4	10687.3	13357.7	16035.2	18524.1	20637.2	22260.5	23308.7	23875.6
-10°	3351.1	5051.1	7355.8	9936.2	12541.8	15102.8	17561.6	19733.4	21493.9	22749.0	23563.4
-12.5°	3000.5	4436.6	6532.6	9007.0	11514.9	13918.5	16221.4	18339.0	20235.2	21813.0	22768.6
-15°	2629.6	3843.0	5680.9	7901.0	10215.4	12499.8	14686.0	16734.9	18598.1	20193.5	21421.1
-17.5°	2351.5	3313.4	4721.6	6614.6	8754.3	10919.8	12990.7	14876.9	16669.0	18224.0	19529.8
-20°	2025.1	2712.0	3824.1	5402.1	7252.7	9229.2	11200.4	12938.6	14518.3	15987.7	17237.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627347 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1767.7	2316.6	3095.3	4153.6	5771.9	7506.7	9252.5	10884.2	12318.9	13614.8	14723.7
-25°	1531.0	1912.7	2496.8	3313.8	4353.0	5800.5	7289.2	8768.6	10113.5	11277.3	12301.7
-27.5°	1347.7	1636.5	2014.3	2569.1	3337.5	4182.8	5426.5	6625.1	7875.7	8987.4	9914.5
-30°	1190.7	1392.3	1679.8	2023.7	2516.7	3120.9	3830.8	4713.8	5680.1	6577.3	7461.5
-32.5°	1082.4	1214.9	1403.0	1653.7	1918.0	2328.7	2731.4	3306.3	3838.7	4477.1	5166.0
-35°	985.1	1088.1	1203.3	1365.7	1544.5	1770.7	2024.5	2355.6	2639.5	3042.3	3427.2
-37.5°	909.5	983.2	1070.7	1162.5	1288.8	1409.5	1572.2	1743.6	1899.2	2137.9	2338.8
-40°	851.3	899.1	962.1	1027.9	1109.0	1181.5	1279.9	1367.6	1465.8	1589.9	1692.4
-42.5°	803.0	840.4	876.1	925.2	976.5	1029.3	1086.3	1134.9	1198.9	1264.0	1316.6
-45°	762.2	792.3	821.3	851.9	877.7	916.4	952.2	983.0	1023.9	1061.1	1090.6
-47.5°	727.7	751.1	776.6	800.7	819.3	839.8	858.9	878.3	903.8	925.2	941.1
-50°	694.7	715.0	736.1	755.7	771.4	785.2	796.7	809.7	823.5	834.8	842.0
-52.5°	663.3	682.7	699.6	714.2	729.0	741.1	750.6	759.8	767.9	774.3	777.1
-55°	634.4	651.7	668.9	681.6	692.8	703.0	711.7	718.5	724.1	728.5	729.6
-57.5°	602.2	618.9	634.4	646.1	657.5	668.4	676.3	681.5	685.7	688.9	690.1
-60°	563.7	582.5	594.5	604.2	615.2	627.0	633.6	639.2	644.0	648.3	651.9
-62.5°	516.6	532.4	543.9	553.5	562.3	569.9	578.9	586.3	592.0	597.3	603.2
-65°	462.2	477.9	488.2	496.3	502.4	509.3	520.3	529.1	535.8	541.1	545.9
-67.5°	407.1	422.1	432.3	440.8	447.4	454.3	464.1	473.0	480.9	486.3	489.6
-70°	351.0	365.3	376.5	385.7	393.0	399.9	407.8	415.3	422.2	426.2	427.7
-72.5°	294.9	307.1	318.0	327.8	336.2	343.2	349.3	354.6	359.0	361.8	363.5
-75°	241.2	251.0	260.3	268.9	276.8	283.6	289.4	294.2	298.2	300.2	301.2
-77.5°	190.1	197.4	204.0	210.3	216.2	222.1	227.5	232.3	236.5	237.4	237.2
-80°	141.9	146.9	151.2	155.2	158.7	162.7	166.5	169.8	172.7	174.3	175.3
-82.5°	96.3	99.4	102.0	104.4	106.6	109.6	112.3	114.7	116.7	118.2	119.5
-85°	54.7	56.0	57.0	57.9	58.6	61.3	63.8	66.1	68.3	68.3	68.0
-87.5°	20.6	20.4	20.0	19.6	19.0	20.4	21.7	23.0	24.3	23.6	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: P627347 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-MWR-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°	21.9	20.9	21.0	21.0	21.0	20.9	21.9	22.8	23.6	24.3	23.0
85°	67.6	67.0	65.1	63.1	65.1	67.0	67.6	68.0	68.3	68.3	66.1
82.5°	120.5	121.3	119.7	117.7	119.7	121.3	120.5	119.5	118.2	116.7	114.7
80°	175.8	175.8	174.3	172.4	174.3	175.8	175.8	175.3	174.3	172.7	169.8
77.5°	236.2	234.5	235.2	235.5	235.2	234.5	236.2	237.2	237.4	236.5	232.3
75°	301.6	301.4	300.3	298.5	300.3	301.4	301.6	301.2	300.2	298.2	294.2
72.5°	364.3	364.3	363.4	361.6	363.4	364.3	364.3	363.5	361.8	359.0	354.6
70°	428.1	427.3	428.4	428.9	428.4	427.3	428.1	427.7	426.2	422.2	415.3
67.5°	492.3	494.0	493.7	492.0	493.7	494.0	492.3	489.6	486.3	480.9	473.0
65°	549.8	552.6	554.4	555.0	554.4	552.6	549.8	545.9	541.1	535.8	529.1
62.5°	607.9	611.2	611.4	609.7	611.4	611.2	607.9	603.2	597.3	592.0	586.3
60°	654.0	654.5	653.7	651.8	653.7	654.5	654.0	651.9	648.3	644.0	639.2
57.5°	690.1	688.9	687.4	685.4	687.4	688.9	690.1	690.1	688.9	685.7	681.5
55°	729.0	726.9	725.2	723.2	725.2	726.9	729.0	729.6	728.5	724.1	718.5
52.5°	777.8	776.7	775.5	773.7	775.5	776.7	777.8	777.1	774.3	767.9	759.8
50°	845.7	846.7	846.6	845.2	846.6	846.7	845.7	842.0	834.8	823.5	809.7
47.5°	951.2	956.8	960.6	962.9	960.6	956.8	951.2	941.1	925.2	903.8	878.3
45°	1109.5	1120.7	1128.6	1135.3	1128.6	1120.7	1109.5	1090.6	1061.1	1023.9	983.0
42.5°	1353.6	1378.7	1390.6	1387.6	1390.6	1378.7	1353.6	1316.6	1264.0	1198.9	1134.9
40°	1760.8	1801.3	1823.8	1841.7	1823.8	1801.3	1760.8	1692.4	1589.9	1465.8	1367.6
37.5°	2475.9	2554.7	2596.2	2632.2	2596.2	2554.7	2475.9	2338.8	2137.9	1899.2	1743.6
35°	3714.8	3892.0	3986.9	4019.9	3986.9	3892.0	3714.8	3427.2	3042.3	2639.5	2355.6
32.5°	5702.1	6029.0	6209.7	6349.4	6209.7	6029.0	5702.1	5166.0	4477.1	3838.7	3306.3
30°	8161.7	8592.2	8831.2	8948.0	8831.2	8592.2	8161.7	7461.5	6577.3	5680.1	4713.8
27.5°	10683.0	11172.4	11430.2	11416.2	11430.2	11172.4	10683.0	9914.5	8987.4	7875.7	6625.1
25°	13179.9	13746.8	14003.6	14233.5	14003.6	13746.8	13179.9	12301.7	11277.3	10113.5	8768.6
22.5°	15705.3	16368.1	16729.7	16899.4	16729.7	16368.1	15705.3	14723.7	13614.8	12318.9	10884.2
20°	18200.6	18938.5	19322.4	19489.6	19322.4	18938.5	18200.6	17237.5	15987.7	14518.3	12938.6
17.5°	20413.7	21134.0	21500.0	21655.1	21500.0	21134.0	20413.7	19529.8	18224.0	16669.0	14876.9
15°	22180.8	22712.1	23023.4	23105.8	23023.4	22712.1	22180.8	21421.1	20193.5	18598.1	16734.9
12.5°	23402.3	23608.2	23757.8	23803.8	23757.8	23608.2	23402.3	22768.6	21813.0	20235.2	18339.0
10°	24026.8	23934.0	23895.6	23900.5	23895.6	23934.0	24026.8	23563.4	22749.0	21493.9	19733.4
7.5°	23983.9	23846.4	23570.2	23526.3	23570.2	23846.4	23983.9	23875.6	23308.7	22260.5	20637.2
5°	23639.3	23389.0	22930.6	22798.8	22930.6	23389.0	23639.3	23681.9	23397.2	22618.6	21215.6
2.5°	23237.7	22786.4	22364.1	22092.4	22364.1	22786.4	23237.7	23425.4	23376.4	22860.3	21670.0
0°	23118.4	22597.0	22050.3	21873.7	22050.3	22597.0	23118.4	23366.5	23374.9	22950.2	21856.9
-2.5°	23237.7	22786.4	22364.1	22092.4	22364.1	22786.4	23237.7	23425.4	23376.4	22860.3	21670.0
-5°	23639.3	23389.0	22930.6	22798.8	22930.6	23389.0	23639.3	23681.9	23397.2	22618.6	21215.6
-7.5°	23983.9	23846.4	23570.2	23526.3	23570.2	23846.4	23983.9	23875.6	23308.7	22260.5	20637.2
-10°	24026.8	23934.0	23895.6	23900.5	23895.6	23934.0	24026.8	23563.4	22749.0	21493.9	19733.4
-12.5°	23402.3	23608.2	23757.8	23803.8	23757.8	23608.2	23402.3	22768.6	21813.0	20235.2	18339.0
-15°	22180.8	22712.1	23023.4	23105.8	23023.4	22712.1	22180.8	21421.1	20193.5	18598.1	16734.9
-17.5°	20413.7	21134.0	21500.0	21655.1	21500.0	21134.0	20413.7	19529.8	18224.0	16669.0	14876.9
-20°	18200.6	18938.5	19322.4	19489.6	19322.4	18938.5	18200.6	17237.5	15987.7	14518.3	12938.6



REPORT NUMBER: P627347 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	15705.3	16368.1	16729.7	16899.4	16729.7	16368.1	15705.3	14723.7	13614.8	12318.9	10884.2
-25°	13179.9	13746.8	14003.6	14233.5	14003.6	13746.8	13179.9	12301.7	11277.3	10113.5	8768.6
-27.5°	10683.0	11172.4	11430.2	11416.2	11430.2	11172.4	10683.0	9914.5	8987.4	7875.7	6625.1
-30°	8161.7	8592.2	8831.2	8948.0	8831.2	8592.2	8161.7	7461.5	6577.3	5680.1	4713.8
-32.5°	5702.1	6029.0	6209.7	6349.4	6209.7	6029.0	5702.1	5166.0	4477.1	3838.7	3306.3
-35°	3714.8	3892.0	3986.9	4019.9	3986.9	3892.0	3714.8	3427.2	3042.3	2639.5	2355.6
-37.5°	2475.9	2554.7	2596.2	2632.2	2596.2	2554.7	2475.9	2338.8	2137.9	1899.2	1743.6
-40°	1760.8	1801.3	1823.8	1841.7	1823.8	1801.3	1760.8	1692.4	1589.9	1465.8	1367.6
-42.5°	1353.6	1378.7	1390.6	1387.6	1390.6	1378.7	1353.6	1316.6	1264.0	1198.9	1134.9
-45°	1109.5	1120.7	1128.6	1135.3	1128.6	1120.7	1109.5	1090.6	1061.1	1023.9	983.0
-47.5°	951.2	956.8	960.6	962.9	960.6	956.8	951.2	941.1	925.2	903.8	878.3
-50°	845.7	846.7	846.6	845.2	846.6	846.7	845.7	842.0	834.8	823.5	809.7
-52.5°	777.8	776.7	775.5	773.7	775.5	776.7	777.8	777.1	774.3	767.9	759.8
-55°	729.0	726.9	725.2	723.2	725.2	726.9	729.0	729.6	728.5	724.1	718.5
-57.5°	690.1	688.9	687.4	685.4	687.4	688.9	690.1	690.1	688.9	685.7	681.5
-60°	654.0	654.5	653.7	651.8	653.7	654.5	654.0	651.9	648.3	644.0	639.2
-62.5°	607.9	611.2	611.4	609.7	611.4	611.2	607.9	603.2	597.3	592.0	586.3
-65°	549.8	552.6	554.4	555.0	554.4	552.6	549.8	545.9	541.1	535.8	529.1
-67.5°	492.3	494.0	493.7	492.0	493.7	494.0	492.3	489.6	486.3	480.9	473.0
-70°	428.1	427.3	428.4	428.9	428.4	427.3	428.1	427.7	426.2	422.2	415.3
-72.5°	364.3	364.3	363.4	361.6	363.4	364.3	364.3	363.5	361.8	359.0	354.6
-75°	301.6	301.4	300.3	298.5	300.3	301.4	301.6	301.2	300.2	298.2	294.2
-77.5°	236.2	234.5	235.2	235.5	235.2	234.5	236.2	237.2	237.4	236.5	232.3
-80°	175.8	175.8	174.3	172.4	174.3	175.8	175.8	175.3	174.3	172.7	169.8
-82.5°	120.5	121.3	119.7	117.7	119.7	121.3	120.5	119.5	118.2	116.7	114.7
-85°	67.6	67.0	65.1	63.1	65.1	67.0	67.6	68.0	68.3	68.3	66.1
-87.5°	21.9	20.9	21.0	21.0	21.0	20.9	21.9	22.8	23.6	24.3	23.0
-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: P627347 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-MWR-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°	21.7	20.4	19.0	19.6	20.0	20.4	20.6	20.0	19.3	18.6	17.8
85°	63.8	61.3	58.6	57.9	57.0	56.0	54.7	52.3	49.8	47.1	44.3
82.5°	112.3	109.6	106.6	104.4	102.0	99.4	96.3	91.7	87.0	82.2	77.5
80°	166.5	162.7	158.7	155.2	151.2	146.9	141.9	134.7	127.2	119.8	112.9
77.5°	227.5	222.1	216.2	210.3	204.0	197.4	190.1	181.0	171.9	162.3	152.6
75°	289.4	283.6	276.8	268.9	260.3	251.0	241.2	230.2	218.7	206.7	194.6
72.5°	349.3	343.2	336.2	327.8	318.0	307.1	294.9	281.5	267.5	252.7	238.3
70°	407.8	399.9	393.0	385.7	376.5	365.3	351.0	334.9	318.0	300.9	284.2
67.5°	464.1	454.3	447.4	440.8	432.3	422.1	407.1	389.8	370.8	350.9	331.2
65°	520.3	509.3	502.4	496.3	488.2	477.9	462.2	444.5	424.6	402.4	379.4
62.5°	578.9	569.9	562.3	553.5	543.9	532.4	516.6	498.1	477.9	454.6	427.9
60°	633.6	627.0	615.2	604.2	594.5	582.5	563.7	546.0	529.5	502.7	474.0
57.5°	676.3	668.4	657.5	646.1	634.4	618.9	602.2	585.4	566.3	543.7	517.0
55°	711.7	703.0	692.8	681.6	668.9	651.7	634.4	616.5	598.0	579.2	553.2
52.5°	750.6	741.1	729.0	714.2	699.6	682.7	663.3	644.2	627.0	607.8	586.4
50°	796.7	785.2	771.4	755.7	736.1	715.0	694.7	672.4	654.4	635.6	613.9
47.5°	858.9	839.8	819.3	800.7	776.6	751.1	727.7	704.8	683.4	663.2	641.0
45°	952.2	916.4	877.7	851.9	821.3	792.3	762.2	736.5	711.9	689.1	668.4
42.5°	1086.3	1029.3	976.5	925.2	876.1	840.4	803.0	771.0	741.4	714.3	689.9
40°	1279.9	1181.5	1109.0	1027.9	962.1	899.1	851.3	807.7	773.4	741.4	711.7
37.5°	1572.2	1409.5	1288.8	1162.5	1070.7	983.2	909.5	852.7	806.1	768.9	734.5
35°	2024.5	1770.7	1544.5	1365.7	1203.3	1088.1	985.1	905.5	845.8	797.2	757.0
32.5°	2731.4	2328.7	1918.0	1653.7	1403.0	1214.9	1082.4	973.0	888.4	830.6	782.2
30°	3830.8	3120.9	2516.7	2023.7	1679.8	1392.3	1190.7	1056.9	948.8	864.3	807.7
27.5°	5426.5	4182.8	3337.5	2569.1	2014.3	1636.5	1347.7	1146.7	1012.3	911.5	837.0
25°	7289.2	5800.5	4353.0	3313.8	2496.8	1912.7	1531.0	1272.5	1090.9	960.7	862.8
22.5°	9252.5	7506.7	5771.9	4153.6	3095.3	2316.6	1767.7	1399.4	1165.1	1013.1	900.2
20°	11200.4	9229.2	7252.7	5402.1	3824.1	2712.0	2025.1	1567.8	1268.8	1071.9	935.7
17.5°	12990.7	10919.8	8754.3	6614.6	4721.6	3313.4	2351.5	1738.0	1359.2	1124.1	966.5
15°	14686.0	12499.8	10215.4	7901.0	5680.9	3843.0	2629.6	1886.4	1453.2	1184.8	1006.7
12.5°	16221.4	13918.5	11514.9	9007.0	6532.6	4436.6	3000.5	2105.0	1568.7	1247.8	1044.6
10°	17561.6	15102.8	12541.8	9936.2	7355.8	5051.1	3351.1	2291.4	1668.7	1299.9	1075.6
7.5°	18524.1	16035.2	13357.7	10687.3	8025.4	5579.2	3649.2	2439.0	1747.3	1339.9	1099.5
5°	19231.8	16762.3	14037.8	11297.7	8522.5	5974.0	3871.8	2542.8	1803.4	1367.6	1116.1
2.5°	19717.3	17222.4	14493.0	11698.1	8811.0	6205.9	4013.6	2598.6	1830.0	1389.3	1125.2
0°	19855.4	17353.5	14607.7	11908.2	8855.5	6235.8	4070.3	2607.0	1829.1	1400.2	1126.9
-2.5°	19717.3	17222.4	14493.0	11698.1	8811.0	6205.9	4013.6	2598.6	1830.0	1389.3	1125.2
-5°	19231.8	16762.3	14037.8	11297.7	8522.5	5974.0	3871.8	2542.8	1803.4	1367.6	1116.1
-7.5°	18524.1	16035.2	13357.7	10687.3	8025.4	5579.2	3649.2	2439.0	1747.3	1339.9	1099.5
-10°	17561.6	15102.8	12541.8	9936.2	7355.8	5051.1	3351.1	2291.4	1668.7	1299.9	1075.6
-12.5°	16221.4	13918.5	11514.9	9007.0	6532.6	4436.6	3000.5	2105.0	1568.7	1247.8	1044.6
-15°	14686.0	12499.8	10215.4	7901.0	5680.9	3843.0	2629.6	1886.4	1453.2	1184.8	1006.7
-17.5°	12990.7	10919.8	8754.3	6614.6	4721.6	3313.4	2351.5	1738.0	1359.2	1124.1	966.5
-20°	11200.4	9229.2	7252.7	5402.1	3824.1	2712.0	2025.1	1567.8	1268.8	1071.9	935.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627347 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	9252.5	7506.7	5771.9	4153.6	3095.3	2316.6	1767.7	1399.4	1165.1	1013.1	900.2
-25°	7289.2	5800.5	4353.0	3313.8	2496.8	1912.7	1531.0	1272.5	1090.9	960.7	862.8
-27.5°	5426.5	4182.8	3337.5	2569.1	2014.3	1636.5	1347.7	1146.7	1012.3	911.5	837.0
-30°	3830.8	3120.9	2516.7	2023.7	1679.8	1392.3	1190.7	1056.9	948.8	864.3	807.7
-32.5°	2731.4	2328.7	1918.0	1653.7	1403.0	1214.9	1082.4	973.0	888.4	830.6	782.2
-35°	2024.5	1770.7	1544.5	1365.7	1203.3	1088.1	985.1	905.5	845.8	797.2	757.0
-37.5°	1572.2	1409.5	1288.8	1162.5	1070.7	983.2	909.5	852.7	806.1	768.9	734.5
-40°	1279.9	1181.5	1109.0	1027.9	962.1	899.1	851.3	807.7	773.4	741.4	711.7
-42.5°	1086.3	1029.3	976.5	925.2	876.1	840.4	803.0	771.0	741.4	714.3	689.9
-45°	952.2	916.4	877.7	851.9	821.3	792.3	762.2	736.5	711.9	689.1	668.4
-47.5°	858.9	839.8	819.3	800.7	776.6	751.1	727.7	704.8	683.4	663.2	641.0
-50°	796.7	785.2	771.4	755.7	736.1	715.0	694.7	672.4	654.4	635.6	613.9
-52.5°	750.6	741.1	729.0	714.2	699.6	682.7	663.3	644.2	627.0	607.8	586.4
-55°	711.7	703.0	692.8	681.6	668.9	651.7	634.4	616.5	598.0	579.2	553.2
-57.5°	676.3	668.4	657.5	646.1	634.4	618.9	602.2	585.4	566.3	543.7	517.0
-60°	633.6	627.0	615.2	604.2	594.5	582.5	563.7	546.0	529.5	502.7	474.0
-62.5°	578.9	569.9	562.3	553.5	543.9	532.4	516.6	498.1	477.9	454.6	427.9
-65°	520.3	509.3	502.4	496.3	488.2	477.9	462.2	444.5	424.6	402.4	379.4
-67.5°	464.1	454.3	447.4	440.8	432.3	422.1	407.1	389.8	370.8	350.9	331.2
-70°	407.8	399.9	393.0	385.7	376.5	365.3	351.0	334.9	318.0	300.9	284.2
-72.5°	349.3	343.2	336.2	327.8	318.0	307.1	294.9	281.5	267.5	252.7	238.3
-75°	289.4	283.6	276.8	268.9	260.3	251.0	241.2	230.2	218.7	206.7	194.6
-77.5°	227.5	222.1	216.2	210.3	204.0	197.4	190.1	181.0	171.9	162.3	152.6
-80°	166.5	162.7	158.7	155.2	151.2	146.9	141.9	134.7	127.2	119.8	112.9
-82.5°	112.3	109.6	106.6	104.4	102.0	99.4	96.3	91.7	87.0	82.2	77.5
-85°	63.8	61.3	58.6	57.9	57.0	56.0	54.7	52.3	49.8	47.1	44.3
-87.5°	21.7	20.4	19.0	19.6	20.0	20.4	20.6	20.0	19.3	18.6	17.8
-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: P627347 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	17.0	16.2	15.3	14.5	13.5	12.6	11.6	10.6	9.2	7.9	6.6
85°	41.4	38.4	35.2	32.0	28.5	25.2	23.2	21.2	18.4	15.8	13.2
82.5°	72.7	68.0	63.3	58.3	52.7	47.1	41.7	36.3	30.4	24.1	19.8
80°	106.5	99.9	93.0	85.8	77.6	68.9	61.3	53.9	46.7	39.0	30.9
77.5°	143.3	133.6	123.6	114.4	104.9	94.7	83.9	72.7	63.0	53.9	44.3
75°	182.6	170.8	158.8	146.3	133.5	120.5	108.2	95.2	82.2	69.0	57.5
72.5°	224.2	209.7	194.6	179.2	164.3	148.9	133.2	117.6	102.4	87.0	71.4
70°	267.0	249.3	231.7	214.3	196.1	177.2	159.3	140.8	122.4	104.8	87.0
67.5°	310.7	290.7	270.1	249.6	229.3	208.0	185.6	164.0	143.0	122.4	102.4
65°	356.6	333.0	308.7	285.5	262.3	239.0	214.5	187.6	163.1	140.1	117.6
62.5°	401.8	375.9	348.7	321.0	294.7	268.9	242.8	212.9	183.4	157.4	132.5
60°	445.6	416.6	387.3	356.7	326.7	297.9	268.9	237.6	205.4	174.2	147.1
57.5°	485.7	455.3	422.6	390.3	358.0	326.1	294.1	260.9	226.8	192.5	161.2
55°	523.4	490.3	456.1	421.3	387.3	353.4	318.6	283.2	247.4	210.8	175.1
52.5°	558.8	524.3	488.0	450.9	414.2	379.1	342.5	304.9	266.9	228.4	190.3
50°	589.8	557.2	518.9	479.8	440.0	402.9	365.6	325.9	285.8	245.2	205.2
47.5°	615.7	585.9	548.8	507.6	465.8	426.1	387.2	346.2	304.0	261.4	219.5
45°	641.1	612.3	576.5	534.4	491.3	449.4	408.1	365.7	321.5	277.1	233.1
42.5°	665.0	636.2	602.7	560.2	515.6	471.7	428.4	384.1	338.3	291.9	246.1
40°	685.2	657.1	627.4	585.0	538.6	492.8	447.6	401.9	354.3	306.1	258.4
37.5°	705.0	676.1	645.5	608.3	560.1	512.6	465.7	419.0	369.8	319.7	269.9
35°	724.1	694.3	661.8	626.4	580.1	531.0	482.6	434.9	384.3	332.8	280.7
32.5°	741.2	710.5	676.8	641.1	598.6	548.0	498.2	448.9	397.8	345.1	290.7
30°	761.5	724.2	690.3	655.6	614.4	563.6	512.6	461.9	410.2	356.8	300.2
27.5°	781.0	737.3	702.4	667.5	626.8	577.8	526.0	474.0	421.5	367.4	309.5
25°	799.8	752.3	713.6	677.6	638.7	591.4	538.3	485.1	431.6	376.7	318.1
22.5°	821.4	766.1	724.1	686.2	650.1	603.6	549.4	495.0	440.5	385.0	325.9
20°	840.7	777.4	733.9	694.4	658.6	612.9	559.3	504.0	448.4	392.3	333.1
17.5°	859.5	790.2	743.3	702.4	665.0	621.0	568.0	511.8	455.4	398.7	339.4
15°	885.6	805.0	751.5	709.1	670.4	627.9	575.5	518.4	461.3	404.1	345.1
12.5°	908.0	817.3	758.3	714.6	674.8	633.6	581.7	524.0	466.3	408.9	350.1
10°	926.1	827.2	763.6	718.8	678.1	638.1	586.6	528.7	470.9	413.0	354.2
7.5°	939.9	834.5	767.4	721.8	680.5	641.4	591.1	532.8	474.6	416.3	357.4
5°	949.3	839.3	770.5	723.6	681.8	643.3	594.4	535.8	477.3	418.6	359.7
2.5°	954.2	841.5	772.9	724.0	682.0	643.9	596.4	537.6	478.9	420.0	361.1
0°	954.5	841.0	773.7	723.2	681.2	643.3	597.1	538.2	479.4	420.5	361.6
-2.5°	954.2	841.5	772.9	724.0	682.0	643.9	596.4	537.6	478.9	420.0	361.1
-5°	949.3	839.3	770.5	723.6	681.8	643.3	594.4	535.8	477.3	418.6	359.7
-7.5°	939.9	834.5	767.4	721.8	680.5	641.4	591.1	532.8	474.6	416.3	357.4
-10°	926.1	827.2	763.6	718.8	678.1	638.1	586.6	528.7	470.9	413.0	354.2
-12.5°	908.0	817.3	758.3	714.6	674.8	633.6	581.7	524.0	466.3	408.9	350.1
-15°	885.6	805.0	751.5	709.1	670.4	627.9	575.5	518.4	461.3	404.1	345.1
-17.5°	859.5	790.2	743.3	702.4	665.0	621.0	568.0	511.8	455.4	398.7	339.4
-20°	840.7	777.4	733.9	694.4	658.6	612.9	559.3	504.0	448.4	392.3	333.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627347 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	821.4	766.1	724.1	686.2	650.1	603.6	549.4	495.0	440.5	385.0	325.9
-25°	799.8	752.3	713.6	677.6	638.7	591.4	538.3	485.1	431.6	376.7	318.1
-27.5°	781.0	737.3	702.4	667.5	626.8	577.8	526.0	474.0	421.5	367.4	309.5
-30°	761.5	724.2	690.3	655.6	614.4	563.6	512.6	461.9	410.2	356.8	300.2
-32.5°	741.2	710.5	676.8	641.1	598.6	548.0	498.2	448.9	397.8	345.1	290.7
-35°	724.1	694.3	661.8	626.4	580.1	531.0	482.6	434.9	384.3	332.8	280.7
-37.5°	705.0	676.1	645.5	608.3	560.1	512.6	465.7	419.0	369.8	319.7	269.9
-40°	685.2	657.1	627.4	585.0	538.6	492.8	447.6	401.9	354.3	306.1	258.4
-42.5°	665.0	636.2	602.7	560.2	515.6	471.7	428.4	384.1	338.3	291.9	246.1
-45°	641.1	612.3	576.5	534.4	491.3	449.4	408.1	365.7	321.5	277.1	233.1
-47.5°	615.7	585.9	548.8	507.6	465.8	426.1	387.2	346.2	304.0	261.4	219.5
-50°	589.8	557.2	518.9	479.8	440.0	402.9	365.6	325.9	285.8	245.2	205.2
-52.5°	558.8	524.3	488.0	450.9	414.2	379.1	342.5	304.9	266.9	228.4	190.3
-55°	523.4	490.3	456.1	421.3	387.3	353.4	318.6	283.2	247.4	210.8	175.1
-57.5°	485.7	455.3	422.6	390.3	358.0	326.1	294.1	260.9	226.8	192.5	161.2
-60°	445.6	416.6	387.3	356.7	326.7	297.9	268.9	237.6	205.4	174.2	147.1
-62.5°	401.8	375.9	348.7	321.0	294.7	268.9	242.8	212.9	183.4	157.4	132.5
-65°	356.6	333.0	308.7	285.5	262.3	239.0	214.5	187.6	163.1	140.1	117.6
-67.5°	310.7	290.7	270.1	249.6	229.3	208.0	185.6	164.0	143.0	122.4	102.4
-70°	267.0	249.3	231.7	214.3	196.1	177.2	159.3	140.8	122.4	104.8	87.0
-72.5°	224.2	209.7	194.6	179.2	164.3	148.9	133.2	117.6	102.4	87.0	71.4
-75°	182.6	170.8	158.8	146.3	133.5	120.5	108.2	95.2	82.2	69.0	57.5
-77.5°	143.3	133.6	123.6	114.4	104.9	94.7	83.9	72.7	63.0	53.9	44.3
-80°	106.5	99.9	93.0	85.8	77.6	68.9	61.3	53.9	46.7	39.0	30.9
-82.5°	72.7	68.0	63.3	58.3	52.7	47.1	41.7	36.3	30.4	24.1	19.8
-85°	41.4	38.4	35.2	32.0	28.5	25.2	23.2	21.2	18.4	15.8	13.2
-87.5°	17.0	16.2	15.3	14.5	13.5	12.6	11.6	10.6	9.2	7.9	6.6
-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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REPORT NUMBER: P627347 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-MWR-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°	5.4	4.5	3.6	2.7	1.8	0.9	0.0
85°	10.9	9.1	7.3	5.5	3.7	1.8	0.0
82.5°	16.3	13.6	10.9	8.2	5.5	2.7	0.0
80°	22.4	18.1	14.5	10.9	7.3	3.6	0.0
77.5°	34.2	24.4	18.1	13.6	9.1	4.5	0.0
75°	45.8	34.2	22.4	16.3	10.9	5.4	0.0
72.5°	57.4	43.8	30.1	18.9	12.6	6.3	0.0
70°	69.0	53.3	37.8	22.1	14.3	7.2	0.0
67.5°	82.1	62.7	45.3	27.7	16.1	8.0	0.0
65°	95.0	72.6	52.6	33.3	17.7	8.9	0.0
62.5°	107.5	82.9	59.9	38.7	19.4	9.7	0.0
60°	119.7	92.9	66.9	44.0	21.0	10.5	0.0
57.5°	131.9	102.7	74.6	49.2	24.4	11.3	0.0
55°	144.0	112.2	82.1	54.2	27.7	12.0	0.0
52.5°	155.7	121.4	89.4	59.1	30.8	12.8	0.0
50°	167.1	131.0	96.3	63.8	33.9	13.5	0.0
47.5°	178.3	140.2	103.0	68.5	36.8	14.2	0.0
45°	190.0	149.2	109.4	73.3	39.6	14.8	0.0
42.5°	201.1	157.8	115.5	77.8	42.3	15.5	0.0
40°	211.6	166.1	121.7	82.1	44.8	16.1	0.0
37.5°	221.5	174.0	128.0	86.0	47.2	16.7	0.0
35°	230.8	181.7	133.9	89.7	49.4	17.2	0.0
32.5°	239.4	189.0	139.5	93.1	51.4	17.7	0.0
30°	247.5	195.7	144.8	96.3	53.3	18.2	0.0
27.5°	254.8	201.9	149.5	99.3	55.1	18.6	0.0
25°	261.5	207.6	153.7	101.9	56.6	19.0	0.0
22.5°	267.4	212.6	157.5	104.4	58.0	19.4	0.0
20°	272.7	216.9	161.0	106.5	59.3	19.7	0.0
17.5°	277.5	220.7	163.9	108.4	60.3	20.0	0.0
15°	281.8	223.9	166.5	110.0	61.2	20.3	0.0
12.5°	285.5	226.5	168.6	111.3	62.0	20.5	0.0
10°	288.6	228.6	170.3	112.3	62.5	20.7	0.0
7.5°	291.1	230.1	171.5	113.0	62.9	20.8	0.0
5°	292.9	231.1	172.2	113.5	63.1	20.9	0.0
2.5°	293.9	231.5	172.5	113.6	63.2	21.0	0.0
0°	294.3	231.3	172.4	113.5	63.1	21.0	0.0
-2.5°	293.9	231.5	172.5	113.6	63.2	21.0	0.0
-5°	292.9	231.1	172.2	113.5	63.1	20.9	0.0
-7.5°	291.1	230.1	171.5	113.0	62.9	20.8	0.0
-10°	288.6	228.6	170.3	112.3	62.5	20.7	0.0
-12.5°	285.5	226.5	168.6	111.3	62.0	20.5	0.0
-15°	281.8	223.9	166.5	110.0	61.2	20.3	0.0
-17.5°	277.5	220.7	163.9	108.4	60.3	20.0	0.0
-20°	272.7	216.9	161.0	106.5	59.3	19.7	0.0

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CATALOG NUMBER: GFLD-SA4B-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	267.4	212.6	157.5	104.4	58.0	19.4	0.0
-25°	261.5	207.6	153.7	101.9	56.6	19.0	0.0
-27.5°	254.8	201.9	149.5	99.3	55.1	18.6	0.0
-30°	247.5	195.7	144.8	96.3	53.3	18.2	0.0
-32.5°	239.4	189.0	139.5	93.1	51.4	17.7	0.0
-35°	230.8	181.7	133.9	89.7	49.4	17.2	0.0
-37.5°	221.5	174.0	128.0	86.0	47.2	16.7	0.0
-40°	211.6	166.1	121.7	82.1	44.8	16.1	0.0
-42.5°	201.1	157.8	115.5	77.8	42.3	15.5	0.0
-45°	190.0	149.2	109.4	73.3	39.6	14.8	0.0
-47.5°	178.3	140.2	103.0	68.5	36.8	14.2	0.0
-50°	167.1	131.0	96.3	63.8	33.9	13.5	0.0
-52.5°	155.7	121.4	89.4	59.1	30.8	12.8	0.0
-55°	144.0	112.2	82.1	54.2	27.7	12.0	0.0
-57.5°	131.9	102.7	74.6	49.2	24.4	11.3	0.0
-60°	119.7	92.9	66.9	44.0	21.0	10.5	0.0
-62.5°	107.5	82.9	59.9	38.7	19.4	9.7	0.0
-65°	95.0	72.6	52.6	33.3	17.7	8.9	0.0
-67.5°	82.1	62.7	45.3	27.7	16.1	8.0	0.0
-70°	69.0	53.3	37.8	22.1	14.3	7.2	0.0
-72.5°	57.4	43.8	30.1	18.9	12.6	6.3	0.0
-75°	45.8	34.2	22.4	16.3	10.9	5.4	0.0
-77.5°	34.2	24.4	18.1	13.6	9.1	4.5	0.0
-80°	22.4	18.1	14.5	10.9	7.3	3.6	0.0
-82.5°	16.3	13.6	10.9	8.2	5.5	2.7	0.0
-85°	10.9	9.1	7.3	5.5	3.7	1.8	0.0
-87.5°	5.4	4.5	3.6	2.7	1.8	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)