

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: P627349 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627349 (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-SA4B-740-U-NR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N97
Light Source: (64) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

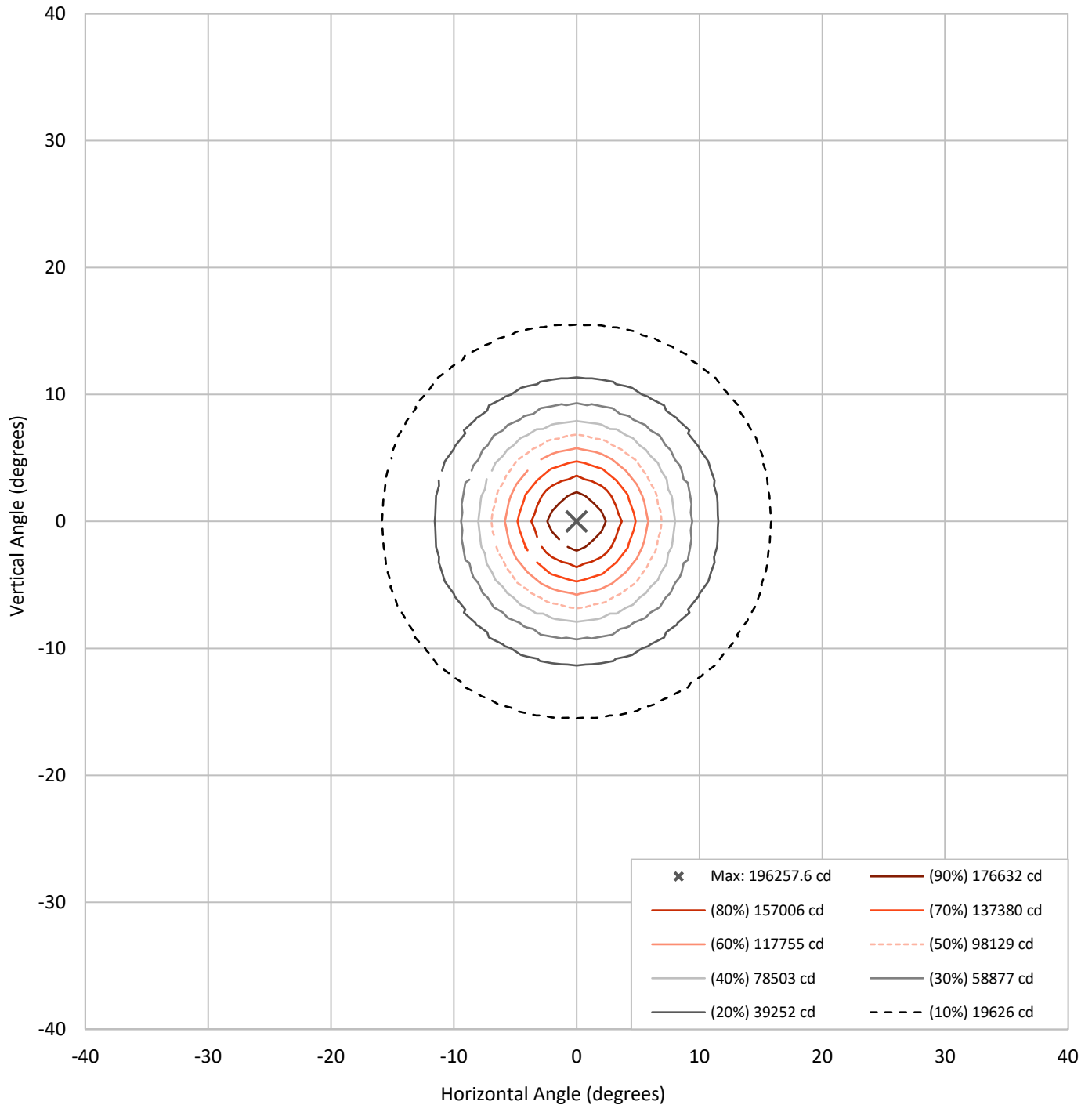
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	20839.7 lumens	Max Intensity:	196257.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	160.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	6161.4 lumens	Field Lumens:	13865.6 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
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		



REPORT NUMBER: P627349 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-740-U-NR-XX

Iso-Candela Plot





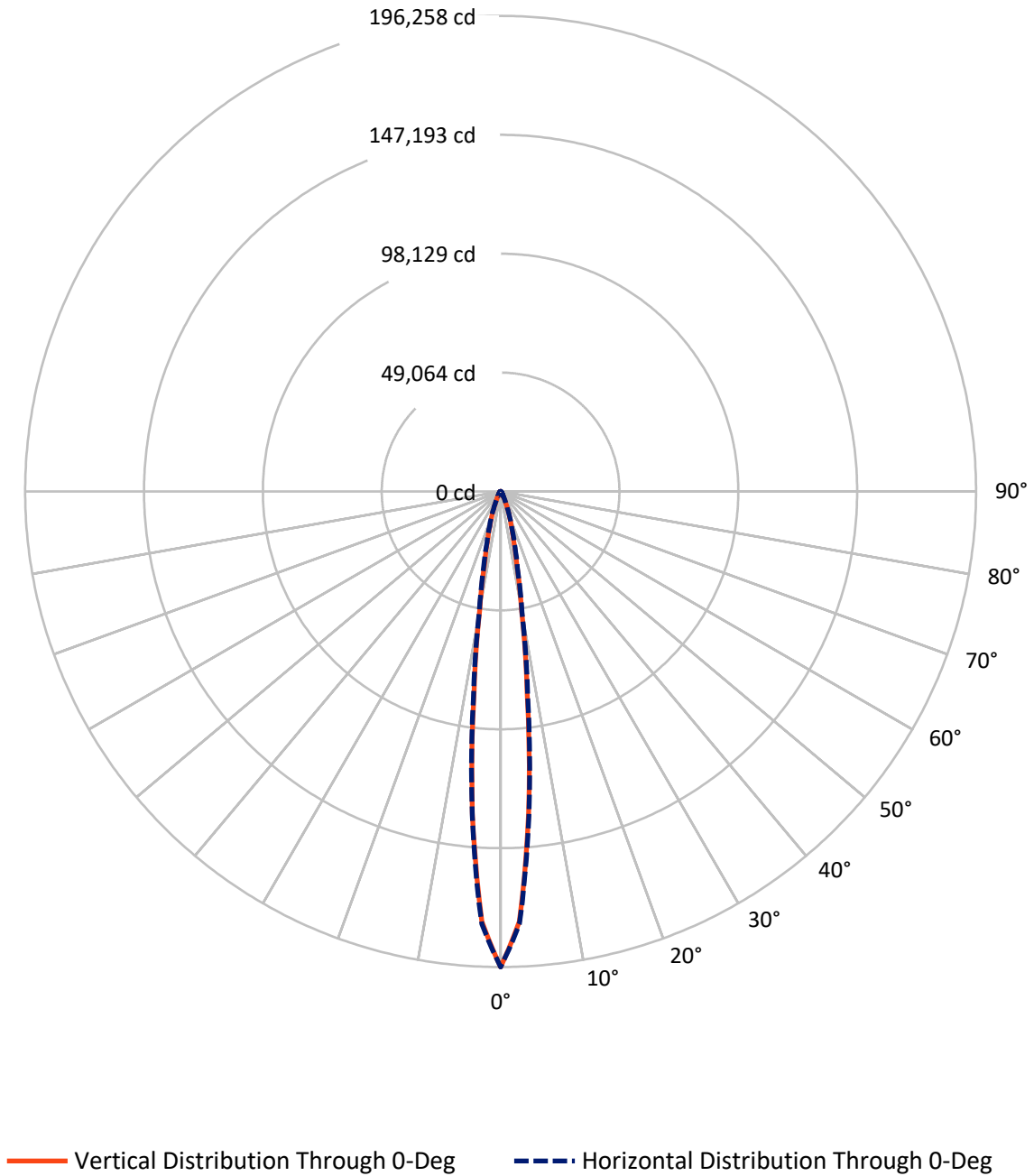
REPORT NUMBER: P627349 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-740-U-NR-XX

Lumen Table

90	0.4	2.9		7.5		12.1		13.2		12.1		7.5		2.9		0.4			
80	0.4	2.9		7.5		12.1		13.2		12.1		7.5		2.9		0.4			
70	1.3	1.5	3.0	4.9	7.0	8.6	9.6	10.1	10.1	9.6	8.6	7.0	4.9	3.0	1.5	1.3			
60		2.2	4.5	7.3	9.8	12.0	13.4	14.0	14.0	13.4	12.0	9.8	7.3	4.5	2.2				
50	2.3	2.9	5.9	9.1	12.0	15.1	17.8	19.2	19.2	17.8	15.1	12.0	9.1	5.9	2.9	2.3			
40		3.5	6.9	10.4	14.8	21.3	30.0	37.2	37.2	30.0	21.3	14.8	10.4	6.9	3.5				
30	3.0	3.9	7.5	11.8	19.2	38.1	86.7	143.5	143.5	86.7	38.1	19.2	11.8	7.5	3.9	3.0			
20		4.2	7.9	13.0	25.4	80.9	287.1	618.3	618.3	287.1	80.9	25.4	13.0	7.9	4.2				
10	3.2	4.4	8.1	13.8	30.8	133.2	624.1	2696.1	2696.1	624.1	133.2	30.8	13.8	8.1	4.4	3.2			
0		4.4	8.1	13.8	30.8	133.2	624.1	2696.1	2696.1	624.1	133.2	30.8	13.8	8.1	4.4				
-10	3.0	4.2	7.9	13.0	25.4	80.9	287.1	618.3	618.3	287.1	80.9	25.4	13.0	7.9	4.2	3.0			
-20		3.9	7.5	11.8	19.2	38.1	86.7	143.5	143.5	86.7	38.1	19.2	11.8	7.5	3.9				
-30	2.3	3.5	6.9	10.4	14.8	21.3	30.0	37.2	37.2	30.0	21.3	14.8	10.4	6.9	3.5	2.3			
-40		2.9	5.9	9.1	12.0	15.1	17.8	19.2	19.2	17.8	15.1	12.0	9.1	5.9	2.9				
-50	1.3	2.2	4.5	7.3	9.8	12.0	13.4	14.0	14.0	13.4	12.0	9.8	7.3	4.5	2.2	1.3			
-60		1.5	3.0	4.9	7.0	8.6	9.6	10.1	10.1	9.6	8.6	7.0	4.9	3.0	1.5				
-70	0.4	2.9		7.5		12.1		13.2		12.1		7.5		2.9		0.4			
-80		2.9		7.5		12.1		13.2		12.1		7.5		2.9					
-90	0.4	2.9		7.5		12.1		13.2		12.1		7.5		2.9		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

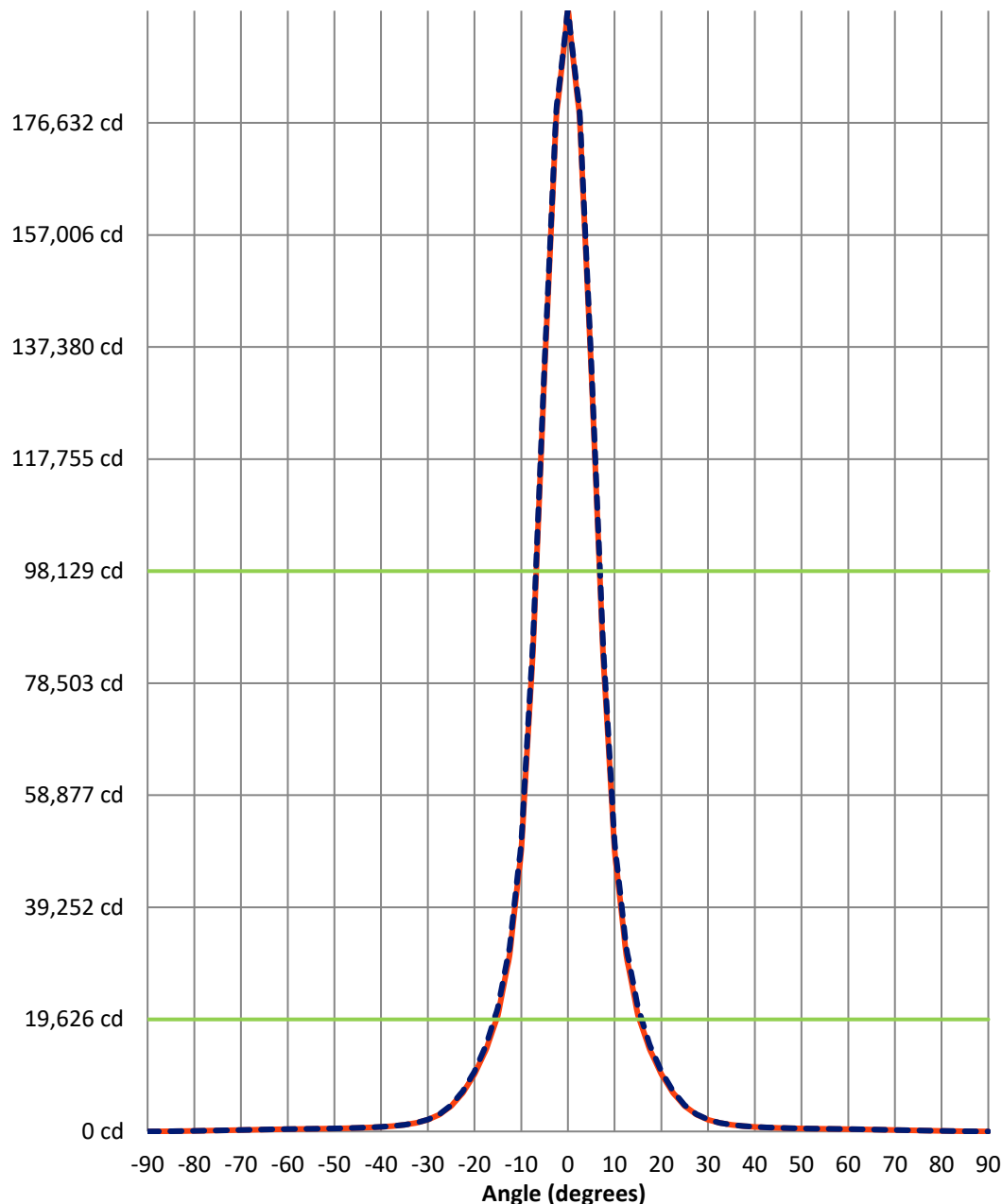
REPORT NUMBER: P627349 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-740-U-NR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627349 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-740-U-NR-XX

Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 6161.4
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 13865.6
 Efficiency: 66.5%

Spill:
 Lumens: 6974.1
 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: P627349 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-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	0.6	1.5	2.2	2.9	3.6	4.3	5.1	5.7	6.4	7.1
85°	0.0	1.3	2.9	4.4	5.8	7.3	8.7	10.1	11.5	12.8	14.2
82.5°	0.0	1.9	4.4	6.6	8.7	10.9	13.0	15.1	17.4	20.5	23.5
80°	0.0	2.5	5.8	8.7	11.6	14.5	17.6	21.8	25.9	30.0	34.0
77.5°	0.0	3.2	7.2	10.9	14.5	18.6	23.9	29.2	34.4	39.5	44.9
75°	0.0	3.8	8.6	13.0	17.5	23.6	30.2	36.6	42.9	50.1	57.1
72.5°	0.0	4.4	10.0	15.1	21.3	28.6	36.4	44.2	52.7	61.0	69.2
70°	0.0	5.0	11.3	17.3	25.1	33.4	42.6	52.7	62.3	71.8	82.4
67.5°	0.0	5.6	12.6	20.0	28.7	38.2	49.6	61.0	71.8	83.9	95.8
65°	0.0	6.1	13.9	22.6	32.3	43.4	56.5	69.2	82.4	95.8	109.9
62.5°	0.0	6.7	15.1	25.1	35.8	49.1	63.3	78.0	92.8	108.0	125.7
60°	0.0	7.2	16.2	27.5	39.2	54.6	69.9	86.9	103.0	121.6	141.0
57.5°	0.0	7.7	17.7	29.9	43.4	60.0	77.2	95.6	114.2	134.7	155.8
55°	0.0	8.2	19.2	32.2	47.6	65.2	84.3	104.0	125.4	147.4	170.1
52.5°	0.0	8.7	20.7	34.4	51.6	70.3	91.3	113.0	136.1	159.6	183.8
50°	0.0	9.1	22.1	36.5	55.6	75.9	98.0	121.9	146.3	171.2	197.0
47.5°	0.0	9.6	23.4	38.7	59.3	81.3	104.6	130.4	156.0	182.2	209.8
45°	0.0	10.0	24.8	41.4	62.9	86.5	111.6	138.6	165.4	193.5	222.4
42.5°	0.0	10.3	26.0	44.0	66.3	91.4	118.3	146.4	174.3	204.6	234.7
40°	0.0	10.7	27.3	46.5	69.9	96.1	124.7	153.9	183.2	215.2	246.6
37.5°	0.0	11.0	28.4	48.9	73.4	100.5	130.7	160.9	192.0	225.1	258.1
35°	0.0	11.3	29.5	51.2	76.7	105.1	136.4	167.6	200.1	234.4	269.2
32.5°	0.0	11.6	30.6	53.4	79.9	109.5	141.8	173.9	207.7	243.2	278.8
30°	0.0	11.8	31.6	55.4	82.8	113.6	146.7	179.8	214.6	251.3	287.6
27.5°	0.0	12.0	32.5	57.3	85.6	117.5	151.3	185.3	221.0	258.8	295.5
25°	0.0	12.2	33.4	59.0	88.2	120.9	155.5	190.4	227.0	265.3	302.4
22.5°	0.0	12.4	34.2	60.5	90.6	124.1	159.3	194.8	232.4	271.0	308.5
20°	0.0	12.5	34.9	61.9	92.7	126.8	162.7	198.7	237.2	275.9	314.0
17.5°	0.0	12.6	35.6	63.2	94.6	129.1	165.5	202.1	241.3	280.0	318.8
15°	0.0	12.7	36.2	64.3	96.3	131.1	167.8	205.0	244.9	283.4	323.0
12.5°	0.0	12.7	36.6	65.2	97.7	132.6	169.7	207.8	247.9	286.0	326.5
10°	0.0	12.8	37.1	65.9	98.8	133.7	171.1	210.1	250.2	288.7	329.8
7.5°	0.0	12.8	37.4	66.5	99.7	134.5	172.1	211.9	251.7	291.1	333.7
5°	0.0	12.7	37.6	67.0	100.4	134.9	172.6	213.3	252.6	292.8	336.8
2.5°	0.0	12.7	37.8	67.2	100.8	134.9	172.7	214.1	252.8	293.9	339.2
0°	0.0	12.6	37.8	67.3	100.9	134.6	172.4	214.4	252.3	294.3	340.6
-2.5°	0.0	12.7	37.8	67.2	100.8	134.9	172.7	214.1	252.8	293.9	339.2
-5°	0.0	12.7	37.6	67.0	100.4	134.9	172.6	213.3	252.6	292.8	336.8
-7.5°	0.0	12.8	37.4	66.5	99.7	134.5	172.1	211.9	251.7	291.1	333.7
-10°	0.0	12.8	37.1	65.9	98.8	133.7	171.1	210.1	250.2	288.7	329.8
-12.5°	0.0	12.7	36.6	65.2	97.7	132.6	169.7	207.8	247.9	286.0	326.5
-15°	0.0	12.7	36.2	64.3	96.3	131.1	167.8	205.0	244.9	283.4	323.0
-17.5°	0.0	12.6	35.6	63.2	94.6	129.1	165.5	202.1	241.3	280.0	318.8
-20°	0.0	12.5	34.9	61.9	92.7	126.8	162.7	198.7	237.2	275.9	314.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627349 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-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	12.4	34.2	60.5	90.6	124.1	159.3	194.8	232.4	271.0	308.5
-25°	0.0	12.2	33.4	59.0	88.2	120.9	155.5	190.4	227.0	265.3	302.4
-27.5°	0.0	12.0	32.5	57.3	85.6	117.5	151.3	185.3	221.0	258.8	295.5
-30°	0.0	11.8	31.6	55.4	82.8	113.6	146.7	179.8	214.6	251.3	287.6
-32.5°	0.0	11.6	30.6	53.4	79.9	109.5	141.8	173.9	207.7	243.2	278.8
-35°	0.0	11.3	29.5	51.2	76.7	105.1	136.4	167.6	200.1	234.4	269.2
-37.5°	0.0	11.0	28.4	48.9	73.4	100.5	130.7	160.9	192.0	225.1	258.1
-40°	0.0	10.7	27.3	46.5	69.9	96.1	124.7	153.9	183.2	215.2	246.6
-42.5°	0.0	10.3	26.0	44.0	66.3	91.4	118.3	146.4	174.3	204.6	234.7
-45°	0.0	10.0	24.8	41.4	62.9	86.5	111.6	138.6	165.4	193.5	222.4
-47.5°	0.0	9.6	23.4	38.7	59.3	81.3	104.6	130.4	156.0	182.2	209.8
-50°	0.0	9.1	22.1	36.5	55.6	75.9	98.0	121.9	146.3	171.2	197.0
-52.5°	0.0	8.7	20.7	34.4	51.6	70.3	91.3	113.0	136.1	159.6	183.8
-55°	0.0	8.2	19.2	32.2	47.6	65.2	84.3	104.0	125.4	147.4	170.1
-57.5°	0.0	7.7	17.7	29.9	43.4	60.0	77.2	95.6	114.2	134.7	155.8
-60°	0.0	7.2	16.2	27.5	39.2	54.6	69.9	86.9	103.0	121.6	141.0
-62.5°	0.0	6.7	15.1	25.1	35.8	49.1	63.3	78.0	92.8	108.0	125.7
-65°	0.0	6.1	13.9	22.6	32.3	43.4	56.5	69.2	82.4	95.8	109.9
-67.5°	0.0	5.6	12.6	20.0	28.7	38.2	49.6	61.0	71.8	83.9	95.8
-70°	0.0	5.0	11.3	17.3	25.1	33.4	42.6	52.7	62.3	71.8	82.4
-72.5°	0.0	4.4	10.0	15.1	21.3	28.6	36.4	44.2	52.7	61.0	69.2
-75°	0.0	3.8	8.6	13.0	17.5	23.6	30.2	36.6	42.9	50.1	57.1
-77.5°	0.0	3.2	7.2	10.9	14.5	18.6	23.9	29.2	34.4	39.5	44.9
-80°	0.0	2.5	5.8	8.7	11.6	14.5	17.6	21.8	25.9	30.0	34.0
-82.5°	0.0	1.9	4.4	6.6	8.7	10.9	13.0	15.1	17.4	20.5	23.5
-85°	0.0	1.3	2.9	4.4	5.8	7.3	8.7	10.1	11.5	12.8	14.2
-87.5°	0.0	0.6	1.5	2.2	2.9	3.6	4.3	5.1	5.7	6.4	7.1
-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: P627349 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-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°	7.8	8.4	9.0	9.6	10.2	10.8	11.3	11.9	12.4	12.9	13.3
85°	15.5	16.8	18.7	20.5	22.0	23.4	24.5	25.5	27.2	29.0	30.9
82.5°	26.4	29.3	32.1	34.9	36.8	38.3	39.7	41.9	45.6	49.2	52.4
80°	38.0	41.8	46.2	50.5	54.1	57.8	61.6	65.5	69.6	73.4	77.1
77.5°	50.7	56.3	61.8	67.2	72.5	78.2	83.7	89.0	94.1	99.0	103.6
75°	64.0	70.7	78.1	85.4	92.5	99.4	106.2	113.4	120.3	126.9	133.1
72.5°	78.0	86.9	95.7	104.2	113.4	122.5	131.2	139.6	147.8	156.4	165.4
70°	92.8	103.0	114.4	125.4	135.7	146.5	157.2	166.5	175.3	187.1	199.2
67.5°	108.1	121.9	134.8	147.1	160.8	173.5	184.5	196.3	208.9	222.6	234.5
65°	126.1	141.2	156.1	171.7	187.5	200.7	214.5	229.1	243.4	257.0	269.9
62.5°	143.9	160.9	178.1	195.0	211.4	227.2	243.8	260.1	275.7	291.6	305.5
60°	161.0	180.3	198.4	216.2	234.7	254.3	272.7	290.8	309.6	327.5	336.9
57.5°	177.6	198.1	217.2	237.1	258.7	281.0	300.3	320.8	336.9	349.2	361.4
55°	193.1	214.5	235.4	257.7	281.3	304.4	325.9	344.1	359.0	370.3	383.2
52.5°	207.7	230.3	252.9	277.4	302.4	327.0	349.5	366.6	379.9	391.6	403.7
50°	222.1	245.7	269.6	296.5	323.3	349.5	371.5	387.1	399.8	411.7	424.1
47.5°	236.1	260.9	286.7	315.3	344.3	369.6	390.6	404.8	417.5	431.6	445.1
45°	249.9	276.8	304.1	334.7	363.9	388.3	406.1	420.4	436.1	451.3	465.8
42.5°	263.3	292.4	322.0	353.7	382.0	404.0	420.5	437.4	454.4	470.5	486.9
40°	276.9	307.4	338.7	370.3	398.7	417.7	435.2	453.4	472.2	489.7	507.9
37.5°	290.0	321.4	353.7	385.7	411.5	430.7	448.9	469.1	488.8	507.9	531.6
35°	302.4	334.2	366.8	397.8	422.6	442.5	462.9	484.1	504.7	529.5	556.5
32.5°	313.4	345.8	378.8	407.6	431.9	453.4	476.3	498.3	523.1	551.2	583.6
30°	322.7	355.8	389.0	417.2	440.9	463.6	488.4	512.8	541.8	575.5	614.1
27.5°	330.9	364.8	397.1	425.3	449.4	472.0	498.2	528.9	562.2	600.1	645.3
25°	338.6	374.0	404.8	432.8	456.2	479.9	507.8	541.8	581.9	627.5	682.9
22.5°	345.8	382.8	412.6	439.8	461.5	487.1	518.6	555.6	599.2	652.6	720.0
20°	352.7	389.3	418.8	445.4	465.6	493.4	528.1	567.6	617.1	680.8	758.8
17.5°	359.0	395.0	423.7	448.7	470.8	500.2	536.5	577.4	632.7	706.4	794.4
15°	364.8	399.7	427.6	451.3	475.5	507.2	545.2	589.5	650.0	730.8	826.0
12.5°	369.9	403.5	430.6	453.4	479.3	513.0	553.0	602.2	668.5	754.9	866.0
10°	374.3	406.4	432.7	454.8	482.1	517.4	559.5	612.4	683.3	773.5	896.8
7.5°	378.0	408.8	434.2	455.6	484.0	520.4	564.5	620.2	693.6	786.7	919.1
5°	380.6	410.6	435.9	458.2	486.8	522.9	568.2	625.6	699.7	794.6	932.9
2.5°	382.1	411.7	436.9	460.7	489.9	525.0	571.0	631.5	704.6	802.2	943.5
0°	382.6	412.1	437.3	462.5	492.0	525.6	571.9	634.9	706.4	807.3	950.3
-2.5°	382.1	411.7	436.9	460.7	489.9	525.0	571.0	631.5	704.6	802.2	943.5
-5°	380.6	410.6	435.9	458.2	486.8	522.9	568.2	625.6	699.7	794.6	932.9
-7.5°	378.0	408.8	434.2	455.6	484.0	520.4	564.5	620.2	693.6	786.7	919.1
-10°	374.3	406.4	432.7	454.8	482.1	517.4	559.5	612.4	683.3	773.5	896.8
-12.5°	369.9	403.5	430.6	453.4	479.3	513.0	553.0	602.2	668.5	754.9	866.0
-15°	364.8	399.7	427.6	451.3	475.5	507.2	545.2	589.5	650.0	730.8	826.0
-17.5°	359.0	395.0	423.7	448.7	470.8	500.2	536.5	577.4	632.7	706.4	794.4
-20°	352.7	389.3	418.8	445.4	465.6	493.4	528.1	567.6	617.1	680.8	758.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627349 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-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°	345.8	382.8	412.6	439.8	461.5	487.1	518.6	555.6	599.2	652.6	720.0
-25°	338.6	374.0	404.8	432.8	456.2	479.9	507.8	541.8	581.9	627.5	682.9
-27.5°	330.9	364.8	397.1	425.3	449.4	472.0	498.2	528.9	562.2	600.1	645.3
-30°	322.7	355.8	389.0	417.2	440.9	463.6	488.4	512.8	541.8	575.5	614.1
-32.5°	313.4	345.8	378.8	407.6	431.9	453.4	476.3	498.3	523.1	551.2	583.6
-35°	302.4	334.2	366.8	397.8	422.6	442.5	462.9	484.1	504.7	529.5	556.5
-37.5°	290.0	321.4	353.7	385.7	411.5	430.7	448.9	469.1	488.8	507.9	531.6
-40°	276.9	307.4	338.7	370.3	398.7	417.7	435.2	453.4	472.2	489.7	507.9
-42.5°	263.3	292.4	322.0	353.7	382.0	404.0	420.5	437.4	454.4	470.5	486.9
-45°	249.9	276.8	304.1	334.7	363.9	388.3	406.1	420.4	436.1	451.3	465.8
-47.5°	236.1	260.9	286.7	315.3	344.3	369.6	390.6	404.8	417.5	431.6	445.1
-50°	222.1	245.7	269.6	296.5	323.3	349.5	371.5	387.1	399.8	411.7	424.1
-52.5°	207.7	230.3	252.9	277.4	302.4	327.0	349.5	366.6	379.9	391.6	403.7
-55°	193.1	214.5	235.4	257.7	281.3	304.4	325.9	344.1	359.0	370.3	383.2
-57.5°	177.6	198.1	217.2	237.1	258.7	281.0	300.3	320.8	336.9	349.2	361.4
-60°	161.0	180.3	198.4	216.2	234.7	254.3	272.7	290.8	309.6	327.5	336.9
-62.5°	143.9	160.9	178.1	195.0	211.4	227.2	243.8	260.1	275.7	291.6	305.5
-65°	126.1	141.2	156.1	171.7	187.5	200.7	214.5	229.1	243.4	257.0	269.9
-67.5°	108.1	121.9	134.8	147.1	160.8	173.5	184.5	196.3	208.9	222.6	234.5
-70°	92.8	103.0	114.4	125.4	135.7	146.5	157.2	166.5	175.3	187.1	199.2
-72.5°	78.0	86.9	95.7	104.2	113.4	122.5	131.2	139.6	147.8	156.4	165.4
-75°	64.0	70.7	78.1	85.4	92.5	99.4	106.2	113.4	120.3	126.9	133.1
-77.5°	50.7	56.3	61.8	67.2	72.5	78.2	83.7	89.0	94.1	99.0	103.6
-80°	38.0	41.8	46.2	50.5	54.1	57.8	61.6	65.5	69.6	73.4	77.1
-82.5°	26.4	29.3	32.1	34.9	36.8	38.3	39.7	41.9	45.6	49.2	52.4
-85°	15.5	16.8	18.7	20.5	22.0	23.4	24.5	25.5	27.2	29.0	30.9
-87.5°	7.8	8.4	9.0	9.6	10.2	10.8	11.3	11.9	12.4	12.9	13.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627349 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	13.8	14.2	14.5	14.9	15.2	15.5	15.8	16.0	16.2	15.4	14.5
85°	32.8	34.1	35.2	36.3	37.3	38.2	39.0	39.7	40.3	39.8	39.1
82.5°	55.4	57.6	59.6	61.5	63.2	64.7	66.1	67.4	68.5	68.4	68.1
80°	80.6	84.2	87.8	91.4	94.9	97.0	98.6	99.8	100.6	100.9	101.0
77.5°	108.3	113.9	119.7	125.5	131.1	134.3	136.6	138.5	140.1	140.4	140.1
75°	139.1	146.3	154.2	161.1	167.2	170.8	173.4	175.6	177.3	177.8	177.6
72.5°	174.8	183.6	190.7	196.6	201.7	205.7	208.9	211.6	213.9	214.8	214.9
70°	209.9	218.7	225.5	231.4	236.4	240.5	244.4	247.6	250.4	252.4	253.8
67.5°	245.5	255.5	262.4	267.8	272.1	276.4	281.5	286.0	289.7	292.1	293.4
65°	282.0	292.4	299.1	305.0	310.2	315.7	321.3	325.5	328.3	330.0	331.1
62.5°	317.4	327.1	335.5	343.3	350.8	357.0	361.0	364.5	367.4	369.9	371.8
60°	347.8	360.1	369.5	377.0	384.4	391.5	396.3	400.1	403.0	405.2	406.6
57.5°	373.7	386.3	397.4	404.7	412.6	421.1	426.7	429.9	432.8	435.3	436.5
55°	396.4	408.0	418.2	428.2	437.1	444.7	450.6	454.9	458.5	461.4	462.4
52.5°	416.8	429.4	441.4	452.0	460.8	468.0	473.9	479.2	483.4	486.1	487.4
50°	438.2	451.8	464.7	476.3	485.3	493.4	500.7	507.1	513.1	517.9	521.3
47.5°	459.3	473.8	488.0	500.7	511.5	523.4	534.0	543.0	551.8	558.9	563.9
45°	480.5	497.3	512.8	529.1	543.7	559.3	573.7	586.1	598.9	608.5	615.0
42.5°	504.2	523.1	541.8	562.2	582.2	602.4	624.2	643.7	658.8	672.9	684.3
40°	529.5	551.2	575.5	600.6	630.0	656.7	686.0	711.2	733.9	758.0	777.2
37.5°	556.5	583.6	615.6	649.1	687.1	723.6	761.9	799.6	832.5	871.2	900.8
35°	586.3	622.6	661.9	707.2	754.6	806.9	859.3	919.9	971.9	1029.3	1079.3
32.5°	621.6	664.9	716.5	776.2	837.1	916.5	990.7	1087.1	1170.4	1261.4	1353.1
30°	658.0	714.4	781.1	856.3	953.1	1062.3	1183.9	1327.3	1475.3	1618.3	1791.0
27.5°	702.9	771.1	851.8	961.8	1104.2	1251.6	1460.9	1676.3	1948.1	2172.9	2489.9
25°	749.7	830.0	944.5	1094.2	1280.0	1536.1	1853.6	2197.7	2676.0	3096.2	3589.1
22.5°	800.6	908.9	1051.5	1236.2	1518.0	1911.0	2391.7	3039.6	3745.1	4494.1	5239.1
20°	853.7	984.6	1171.6	1439.2	1825.9	2358.2	3183.6	4183.7	5191.5	6427.4	7521.8
17.5°	915.0	1081.8	1312.2	1646.9	2162.9	2978.3	4123.2	5519.5	7083.1	8860.0	10437.7
15°	966.2	1165.1	1455.8	1924.1	2633.7	3680.9	5124.8	7045.6	9395.2	11781.7	14202.9
12.5°	1025.6	1255.7	1597.1	2155.5	3046.7	4438.4	6403.8	8834.9	11769.4	15079.6	18981.8
10°	1078.3	1344.6	1769.1	2460.2	3549.4	5228.5	7613.7	10538.6	14325.5	19088.0	25131.0
7.5°	1117.4	1415.4	1901.8	2692.1	3983.9	5988.1	8756.9	12404.1	17216.0	23505.0	31798.4
5°	1142.8	1466.5	1995.7	2871.1	4324.1	6553.4	9594.7	13727.3	19532.5	28427.1	42471.0
2.5°	1157.9	1496.8	2049.3	2976.0	4531.0	6928.0	10232.1	14727.8	21033.7	31469.0	49335.5
0°	1164.7	1505.3	2081.4	3031.7	4600.1	7072.6	10524.8	15183.7	21705.5	32179.8	50542.4
-2.5°	1157.9	1496.8	2049.3	2976.0	4531.0	6928.0	10232.1	14727.8	21033.7	31469.0	49335.5
-5°	1142.8	1466.5	1995.7	2871.1	4324.1	6553.4	9594.7	13727.3	19532.5	28427.1	42471.0
-7.5°	1117.4	1415.4	1901.8	2692.1	3983.9	5988.1	8756.9	12404.1	17216.0	23505.0	31798.4
-10°	1078.3	1344.6	1769.1	2460.2	3549.4	5228.5	7613.7	10538.6	14325.5	19088.0	25131.0
-12.5°	1025.6	1255.7	1597.1	2155.5	3046.7	4438.4	6403.8	8834.9	11769.4	15079.6	18981.8
-15°	966.2	1165.1	1455.8	1924.1	2633.7	3680.9	5124.8	7045.6	9395.2	11781.7	14202.9
-17.5°	915.0	1081.8	1312.2	1646.9	2162.9	2978.3	4123.2	5519.5	7083.1	8860.0	10437.7
-20°	853.7	984.6	1171.6	1439.2	1825.9	2358.2	3183.6	4183.7	5191.5	6427.4	7521.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627349 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-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°	800.6	908.9	1051.5	1236.2	1518.0	1911.0	2391.7	3039.6	3745.1	4494.1	5239.1
-25°	749.7	830.0	944.5	1094.2	1280.0	1536.1	1853.6	2197.7	2676.0	3096.2	3589.1
-27.5°	702.9	771.1	851.8	961.8	1104.2	1251.6	1460.9	1676.3	1948.1	2172.9	2489.9
-30°	658.0	714.4	781.1	856.3	953.1	1062.3	1183.9	1327.3	1475.3	1618.3	1791.0
-32.5°	621.6	664.9	716.5	776.2	837.1	916.5	990.7	1087.1	1170.4	1261.4	1353.1
-35°	586.3	622.6	661.9	707.2	754.6	806.9	859.3	919.9	971.9	1029.3	1079.3
-37.5°	556.5	583.6	615.6	649.1	687.1	723.6	761.9	799.6	832.5	871.2	900.8
-40°	529.5	551.2	575.5	600.6	630.0	656.7	686.0	711.2	733.9	758.0	777.2
-42.5°	504.2	523.1	541.8	562.2	582.2	602.4	624.2	643.7	658.8	672.9	684.3
-45°	480.5	497.3	512.8	529.1	543.7	559.3	573.7	586.1	598.9	608.5	615.0
-47.5°	459.3	473.8	488.0	500.7	511.5	523.4	534.0	543.0	551.8	558.9	563.9
-50°	438.2	451.8	464.7	476.3	485.3	493.4	500.7	507.1	513.1	517.9	521.3
-52.5°	416.8	429.4	441.4	452.0	460.8	468.0	473.9	479.2	483.4	486.1	487.4
-55°	396.4	408.0	418.2	428.2	437.1	444.7	450.6	454.9	458.5	461.4	462.4
-57.5°	373.7	386.3	397.4	404.7	412.6	421.1	426.7	429.9	432.8	435.3	436.5
-60°	347.8	360.1	369.5	377.0	384.4	391.5	396.3	400.1	403.0	405.2	406.6
-62.5°	317.4	327.1	335.5	343.3	350.8	357.0	361.0	364.5	367.4	369.9	371.8
-65°	282.0	292.4	299.1	305.0	310.2	315.7	321.3	325.5	328.3	330.0	331.1
-67.5°	245.5	255.5	262.4	267.8	272.1	276.4	281.5	286.0	289.7	292.1	293.4
-70°	209.9	218.7	225.5	231.4	236.4	240.5	244.4	247.6	250.4	252.4	253.8
-72.5°	174.8	183.6	190.7	196.6	201.7	205.7	208.9	211.6	213.9	214.8	214.9
-75°	139.1	146.3	154.2	161.1	167.2	170.8	173.4	175.6	177.3	177.8	177.6
-77.5°	108.3	113.9	119.7	125.5	131.1	134.3	136.6	138.5	140.1	140.4	140.1
-80°	80.6	84.2	87.8	91.4	94.9	97.0	98.6	99.8	100.6	100.9	101.0
-82.5°	55.4	57.6	59.6	61.5	63.2	64.7	66.1	67.4	68.5	68.4	68.1
-85°	32.8	34.1	35.2	36.3	37.3	38.2	39.0	39.7	40.3	39.8	39.1
-87.5°	13.8	14.2	14.5	14.9	15.2	15.5	15.8	16.0	16.2	15.4	14.5
-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: P627349 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	13.5	12.6	12.6	12.6	12.6	12.6	13.5	14.5	15.4	16.2	16.0
85°	38.4	37.6	37.8	37.8	37.8	37.6	38.4	39.1	39.8	40.3	39.7
82.5°	67.6	67.0	67.2	67.3	67.2	67.0	67.6	68.1	68.4	68.5	67.4
80°	100.8	100.4	98.7	96.7	98.7	100.4	100.8	101.0	100.9	100.6	99.8
77.5°	139.4	138.2	136.6	134.6	136.6	138.2	139.4	140.1	140.4	140.1	138.5
75°	176.9	175.9	176.4	176.6	176.4	175.9	176.9	177.6	177.8	177.3	175.6
72.5°	214.5	213.6	214.1	214.4	214.1	213.6	214.5	214.9	214.8	213.9	211.6
70°	254.8	255.3	254.2	252.3	254.2	255.3	254.8	253.8	252.4	250.4	247.6
67.5°	293.7	293.3	292.0	290.1	292.0	293.3	293.7	293.4	292.1	289.7	286.0
65°	331.5	331.1	331.8	332.2	331.8	331.1	331.5	331.1	330.0	328.3	325.5
62.5°	372.8	372.8	371.9	370.0	371.9	372.8	372.8	371.8	369.9	367.4	364.5
60°	407.2	406.8	405.7	403.7	405.7	406.8	407.2	406.6	405.2	403.0	400.1
57.5°	436.9	436.4	435.2	433.1	435.2	436.4	436.9	436.5	435.3	432.8	429.9
55°	462.5	461.9	460.5	458.3	460.5	461.9	462.5	462.4	461.4	458.5	454.9
52.5°	487.7	487.2	487.4	487.8	487.4	487.2	487.7	487.4	486.1	483.4	479.2
50°	523.4	524.1	523.5	521.4	523.5	524.1	523.4	521.3	517.9	513.1	507.1
47.5°	566.2	566.5	565.5	563.5	565.5	566.5	566.2	563.9	558.9	551.8	543.0
45°	620.1	623.2	624.0	622.3	624.0	623.2	620.1	615.0	608.5	598.9	586.1
42.5°	693.1	697.9	699.3	698.0	699.3	697.9	693.1	684.3	672.9	658.8	643.7
40°	789.0	794.4	795.5	794.7	795.5	794.4	789.0	777.2	758.0	733.9	711.2
37.5°	921.6	934.9	941.2	941.9	941.2	934.9	921.6	900.8	871.2	832.5	799.6
35°	1117.4	1143.8	1157.9	1164.7	1157.9	1143.8	1117.4	1079.3	1029.3	971.9	919.9
32.5°	1422.6	1475.5	1504.8	1501.1	1504.8	1475.5	1422.6	1353.1	1261.4	1170.4	1087.1
30°	1921.1	2013.5	2060.1	2047.8	2060.1	2013.5	1921.1	1791.0	1618.3	1475.3	1327.3
27.5°	2717.6	2884.7	2981.4	2968.6	2981.4	2884.7	2717.6	2489.9	2172.9	1948.1	1676.3
25°	4001.0	4306.0	4501.3	4452.9	4501.3	4306.0	4001.0	3589.1	3096.2	2676.0	2197.7
22.5°	5953.4	6470.1	6812.0	6769.8	6812.0	6470.1	5953.4	5239.1	4494.1	3745.1	3039.6
20°	8631.5	9417.9	9979.5	10053.8	9979.5	9417.9	8631.5	7521.8	6427.4	5191.5	4183.7
17.5°	12141.9	13388.8	14256.8	14401.6	14256.8	13388.8	12141.9	10437.7	8860.0	7083.1	5519.5
15°	16704.2	18742.2	20217.1	20338.9	20217.1	18742.2	16704.2	14202.9	11781.7	9395.2	7045.6
12.5°	22899.1	26998.1	29673.3	30851.0	29673.3	26998.1	22899.1	18981.8	15079.6	11769.4	8834.9
10°	31472.5	40887.7	46917.4	49184.2	46917.4	40887.7	31472.5	25131.0	19088.0	14325.5	10538.6
7.5°	45792.7	60575.0	77008.8	84013.1	77008.8	60575.0	45792.7	31798.4	23505.0	17216.0	12404.1
5°	62009.3	92688.3	121869.4	133264.6	121869.4	92688.3	62009.3	42471.0	28427.1	19532.5	13727.3
2.5°	79073.2	121835.2	161906.5	177577.5	161906.5	121835.2	79073.2	49335.5	31469.0	21033.7	14727.8
0°	85737.1	134597.5	178685.5	196257.6	178685.5	134597.5	85737.1	50542.4	32179.8	21705.5	15183.7
-2.5°	79073.2	121835.2	161906.5	177577.5	161906.5	121835.2	79073.2	49335.5	31469.0	21033.7	14727.8
-5°	62009.3	92688.3	121869.4	133264.6	121869.4	92688.3	62009.3	42471.0	28427.1	19532.5	13727.3
-7.5°	45792.7	60575.0	77008.8	84013.1	77008.8	60575.0	45792.7	31798.4	23505.0	17216.0	12404.1
-10°	31472.5	40887.7	46917.4	49184.2	46917.4	40887.7	31472.5	25131.0	19088.0	14325.5	10538.6
-12.5°	22899.1	26998.1	29673.3	30851.0	29673.3	26998.1	22899.1	18981.8	15079.6	11769.4	8834.9
-15°	16704.2	18742.2	20217.1	20338.9	20217.1	18742.2	16704.2	14202.9	11781.7	9395.2	7045.6
-17.5°	12141.9	13388.8	14256.8	14401.6	14256.8	13388.8	12141.9	10437.7	8860.0	7083.1	5519.5
-20°	8631.5	9417.9	9979.5	10053.8	9979.5	9417.9	8631.5	7521.8	6427.4	5191.5	4183.7



REPORT NUMBER: P627349 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	5953.4	6470.1	6812.0	6769.8	6812.0	6470.1	5953.4	5239.1	4494.1	3745.1	3039.6
-25°	4001.0	4306.0	4501.3	4452.9	4501.3	4306.0	4001.0	3589.1	3096.2	2676.0	2197.7
-27.5°	2717.6	2884.7	2981.4	2968.6	2981.4	2884.7	2717.6	2489.9	2172.9	1948.1	1676.3
-30°	1921.1	2013.5	2060.1	2047.8	2060.1	2013.5	1921.1	1791.0	1618.3	1475.3	1327.3
-32.5°	1422.6	1475.5	1504.8	1501.1	1504.8	1475.5	1422.6	1353.1	1261.4	1170.4	1087.1
-35°	1117.4	1143.8	1157.9	1164.7	1157.9	1143.8	1117.4	1079.3	1029.3	971.9	919.9
-37.5°	921.6	934.9	941.2	941.9	941.2	934.9	921.6	900.8	871.2	832.5	799.6
-40°	789.0	794.4	795.5	794.7	795.5	794.4	789.0	777.2	758.0	733.9	711.2
-42.5°	693.1	697.9	699.3	698.0	699.3	697.9	693.1	684.3	672.9	658.8	643.7
-45°	620.1	623.2	624.0	622.3	624.0	623.2	620.1	615.0	608.5	598.9	586.1
-47.5°	566.2	566.5	565.5	563.5	565.5	566.5	566.2	563.9	558.9	551.8	543.0
-50°	523.4	524.1	523.5	521.4	523.5	524.1	523.4	521.3	517.9	513.1	507.1
-52.5°	487.7	487.2	487.4	487.8	487.4	487.2	487.7	487.4	486.1	483.4	479.2
-55°	462.5	461.9	460.5	458.3	460.5	461.9	462.5	462.4	461.4	458.5	454.9
-57.5°	436.9	436.4	435.2	433.1	435.2	436.4	436.9	436.5	435.3	432.8	429.9
-60°	407.2	406.8	405.7	403.7	405.7	406.8	407.2	406.6	405.2	403.0	400.1
-62.5°	372.8	372.8	371.9	370.0	371.9	372.8	372.8	371.8	369.9	367.4	364.5
-65°	331.5	331.1	331.8	332.2	331.8	331.1	331.5	331.1	330.0	328.3	325.5
-67.5°	293.7	293.3	292.0	290.1	292.0	293.3	293.7	293.4	292.1	289.7	286.0
-70°	254.8	255.3	254.2	252.3	254.2	255.3	254.8	253.8	252.4	250.4	247.6
-72.5°	214.5	213.6	214.1	214.4	214.1	213.6	214.5	214.9	214.8	213.9	211.6
-75°	176.9	175.9	176.4	176.6	176.4	175.9	176.9	177.6	177.8	177.3	175.6
-77.5°	139.4	138.2	136.6	134.6	136.6	138.2	139.4	140.1	140.4	140.1	138.5
-80°	100.8	100.4	98.7	96.7	98.7	100.4	100.8	101.0	100.9	100.6	99.8
-82.5°	67.6	67.0	67.2	67.3	67.2	67.0	67.6	68.1	68.4	68.5	67.4
-85°	38.4	37.6	37.8	37.8	37.8	37.6	38.4	39.1	39.8	40.3	39.7
-87.5°	13.5	12.6	12.6	12.6	12.6	12.6	13.5	14.5	15.4	16.2	16.0
-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: P627349 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	15.8	15.5	15.2	14.9	14.5	14.2	13.8	13.3	12.9	12.4	11.9
85°	39.0	38.2	37.3	36.3	35.2	34.1	32.8	30.9	29.0	27.2	25.5
82.5°	66.1	64.7	63.2	61.5	59.6	57.6	55.4	52.4	49.2	45.6	41.9
80°	98.6	97.0	94.9	91.4	87.8	84.2	80.6	77.1	73.4	69.6	65.5
77.5°	136.6	134.3	131.1	125.5	119.7	113.9	108.3	103.6	99.0	94.1	89.0
75°	173.4	170.8	167.2	161.1	154.2	146.3	139.1	133.1	126.9	120.3	113.4
72.5°	208.9	205.7	201.7	196.6	190.7	183.6	174.8	165.4	156.4	147.8	139.6
70°	244.4	240.5	236.4	231.4	225.5	218.7	209.9	199.2	187.1	175.3	166.5
67.5°	281.5	276.4	272.1	267.8	262.4	255.5	245.5	234.5	222.6	208.9	196.3
65°	321.3	315.7	310.2	305.0	299.1	292.4	282.0	269.9	257.0	243.4	229.1
62.5°	361.0	357.0	350.8	343.3	335.5	327.1	317.4	305.5	291.6	275.7	260.1
60°	396.3	391.5	384.4	377.0	369.5	360.1	347.8	336.9	327.5	309.6	290.8
57.5°	426.7	421.1	412.6	404.7	397.4	386.3	373.7	361.4	349.2	336.9	320.8
55°	450.6	444.7	437.1	428.2	418.2	408.0	396.4	383.2	370.3	359.0	344.1
52.5°	473.9	468.0	460.8	452.0	441.4	429.4	416.8	403.7	391.6	379.9	366.6
50°	500.7	493.4	485.3	476.3	464.7	451.8	438.2	424.1	411.7	399.8	387.1
47.5°	534.0	523.4	511.5	500.7	488.0	473.8	459.3	445.1	431.6	417.5	404.8
45°	573.7	559.3	543.7	529.1	512.8	497.3	480.5	465.8	451.3	436.1	420.4
42.5°	624.2	602.4	582.2	562.2	541.8	523.1	504.2	486.9	470.5	454.4	437.4
40°	686.0	656.7	630.0	600.6	575.5	551.2	529.5	507.9	489.7	472.2	453.4
37.5°	761.9	723.6	687.1	649.1	615.6	583.6	556.5	531.6	507.9	488.8	469.1
35°	859.3	806.9	754.6	707.2	661.9	622.6	586.3	556.5	529.5	504.7	484.1
32.5°	990.7	916.5	837.1	776.2	716.5	664.9	621.6	583.6	551.2	523.1	498.3
30°	1183.9	1062.3	953.1	856.3	781.1	714.4	658.0	614.1	575.5	541.8	512.8
27.5°	1460.9	1251.6	1104.2	961.8	851.8	771.1	702.9	645.3	600.1	562.2	528.9
25°	1853.6	1536.1	1280.0	1094.2	944.5	830.0	749.7	682.9	627.5	581.9	541.8
22.5°	2391.7	1911.0	1518.0	1236.2	1051.5	908.9	800.6	720.0	652.6	599.2	555.6
20°	3183.6	2358.2	1825.9	1439.2	1171.6	984.6	853.7	758.8	680.8	617.1	567.6
17.5°	4123.2	2978.3	2162.9	1646.9	1312.2	1081.8	915.0	794.4	706.4	632.7	577.4
15°	5124.8	3680.9	2633.7	1924.1	1455.8	1165.1	966.2	826.0	730.8	650.0	589.5
12.5°	6403.8	4438.4	3046.7	2155.5	1597.1	1255.7	1025.6	866.0	754.9	668.5	602.2
10°	7613.7	5228.5	3549.4	2460.2	1769.1	1344.6	1078.3	896.8	773.5	683.3	612.4
7.5°	8756.9	5988.1	3983.9	2692.1	1901.8	1415.4	1117.4	919.1	786.7	693.6	620.2
5°	9594.7	6553.4	4324.1	2871.1	1995.7	1466.5	1142.8	932.9	794.6	699.7	625.6
2.5°	10232.1	6928.0	4531.0	2976.0	2049.3	1496.8	1157.9	943.5	802.2	704.6	631.5
0°	10524.8	7072.6	4600.1	3031.7	2081.4	1505.3	1164.7	950.3	807.3	706.4	634.9
-2.5°	10232.1	6928.0	4531.0	2976.0	2049.3	1496.8	1157.9	943.5	802.2	704.6	631.5
-5°	9594.7	6553.4	4324.1	2871.1	1995.7	1466.5	1142.8	932.9	794.6	699.7	625.6
-7.5°	8756.9	5988.1	3983.9	2692.1	1901.8	1415.4	1117.4	919.1	786.7	693.6	620.2
-10°	7613.7	5228.5	3549.4	2460.2	1769.1	1344.6	1078.3	896.8	773.5	683.3	612.4
-12.5°	6403.8	4438.4	3046.7	2155.5	1597.1	1255.7	1025.6	866.0	754.9	668.5	602.2
-15°	5124.8	3680.9	2633.7	1924.1	1455.8	1165.1	966.2	826.0	730.8	650.0	589.5
-17.5°	4123.2	2978.3	2162.9	1646.9	1312.2	1081.8	915.0	794.4	706.4	632.7	577.4
-20°	3183.6	2358.2	1825.9	1439.2	1171.6	984.6	853.7	758.8	680.8	617.1	567.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627349 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-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°	2391.7	1911.0	1518.0	1236.2	1051.5	908.9	800.6	720.0	652.6	599.2	555.6
-25°	1853.6	1536.1	1280.0	1094.2	944.5	830.0	749.7	682.9	627.5	581.9	541.8
-27.5°	1460.9	1251.6	1104.2	961.8	851.8	771.1	702.9	645.3	600.1	562.2	528.9
-30°	1183.9	1062.3	953.1	856.3	781.1	714.4	658.0	614.1	575.5	541.8	512.8
-32.5°	990.7	916.5	837.1	776.2	716.5	664.9	621.6	583.6	551.2	523.1	498.3
-35°	859.3	806.9	754.6	707.2	661.9	622.6	586.3	556.5	529.5	504.7	484.1
-37.5°	761.9	723.6	687.1	649.1	615.6	583.6	556.5	531.6	507.9	488.8	469.1
-40°	686.0	656.7	630.0	600.6	575.5	551.2	529.5	507.9	489.7	472.2	453.4
-42.5°	624.2	602.4	582.2	562.2	541.8	523.1	504.2	486.9	470.5	454.4	437.4
-45°	573.7	559.3	543.7	529.1	512.8	497.3	480.5	465.8	451.3	436.1	420.4
-47.5°	534.0	523.4	511.5	500.7	488.0	473.8	459.3	445.1	431.6	417.5	404.8
-50°	500.7	493.4	485.3	476.3	464.7	451.8	438.2	424.1	411.7	399.8	387.1
-52.5°	473.9	468.0	460.8	452.0	441.4	429.4	416.8	403.7	391.6	379.9	366.6
-55°	450.6	444.7	437.1	428.2	418.2	408.0	396.4	383.2	370.3	359.0	344.1
-57.5°	426.7	421.1	412.6	404.7	397.4	386.3	373.7	361.4	349.2	336.9	320.8
-60°	396.3	391.5	384.4	377.0	369.5	360.1	347.8	336.9	327.5	309.6	290.8
-62.5°	361.0	357.0	350.8	343.3	335.5	327.1	317.4	305.5	291.6	275.7	260.1
-65°	321.3	315.7	310.2	305.0	299.1	292.4	282.0	269.9	257.0	243.4	229.1
-67.5°	281.5	276.4	272.1	267.8	262.4	255.5	245.5	234.5	222.6	208.9	196.3
-70°	244.4	240.5	236.4	231.4	225.5	218.7	209.9	199.2	187.1	175.3	166.5
-72.5°	208.9	205.7	201.7	196.6	190.7	183.6	174.8	165.4	156.4	147.8	139.6
-75°	173.4	170.8	167.2	161.1	154.2	146.3	139.1	133.1	126.9	120.3	113.4
-77.5°	136.6	134.3	131.1	125.5	119.7	113.9	108.3	103.6	99.0	94.1	89.0
-80°	98.6	97.0	94.9	91.4	87.8	84.2	80.6	77.1	73.4	69.6	65.5
-82.5°	66.1	64.7	63.2	61.5	59.6	57.6	55.4	52.4	49.2	45.6	41.9
-85°	39.0	38.2	37.3	36.3	35.2	34.1	32.8	30.9	29.0	27.2	25.5
-87.5°	15.8	15.5	15.2	14.9	14.5	14.2	13.8	13.3	12.9	12.4	11.9
-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: P627349 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	11.3	10.8	10.2	9.6	9.0	8.4	7.8	7.1	6.4	5.7	5.1
85°	24.5	23.4	22.0	20.5	18.7	16.8	15.5	14.2	12.8	11.5	10.1
82.5°	39.7	38.3	36.8	34.9	32.1	29.3	26.4	23.5	20.5	17.4	15.1
80°	61.6	57.8	54.1	50.5	46.2	41.8	38.0	34.0	30.0	25.9	21.8
77.5°	83.7	78.2	72.5	67.2	61.8	56.3	50.7	44.9	39.5	34.4	29.2
75°	106.2	99.4	92.5	85.4	78.1	70.7	64.0	57.1	50.1	42.9	36.6
72.5°	131.2	122.5	113.4	104.2	95.7	86.9	78.0	69.2	61.0	52.7	44.2
70°	157.2	146.5	135.7	125.4	114.4	103.0	92.8	82.4	71.8	62.3	52.7
67.5°	184.5	173.5	160.8	147.1	134.8	121.9	108.1	95.8	83.9	71.8	61.0
65°	214.5	200.7	187.5	171.7	156.1	141.2	126.1	109.9	95.8	82.4	69.2
62.5°	243.8	227.2	211.4	195.0	178.1	160.9	143.9	125.7	108.0	92.8	78.0
60°	272.7	254.3	234.7	216.2	198.4	180.3	161.0	141.0	121.6	103.0	86.9
57.5°	300.3	281.0	258.7	237.1	217.2	198.1	177.6	155.8	134.7	114.2	95.6
55°	325.9	304.4	281.3	257.7	235.4	214.5	193.1	170.1	147.4	125.4	104.0
52.5°	349.5	327.0	302.4	277.4	252.9	230.3	207.7	183.8	159.6	136.1	113.0
50°	371.5	349.5	323.3	296.5	269.6	245.7	222.1	197.0	171.2	146.3	121.9
47.5°	390.6	369.6	344.3	315.3	286.7	260.9	236.1	209.8	182.2	156.0	130.4
45°	406.1	388.3	363.9	334.7	304.1	276.8	249.9	222.4	193.5	165.4	138.6
42.5°	420.5	404.0	382.0	353.7	322.0	292.4	263.3	234.7	204.6	174.3	146.4
40°	435.2	417.7	398.7	370.3	338.7	307.4	276.9	246.6	215.2	183.2	153.9
37.5°	448.9	430.7	411.5	385.7	353.7	321.4	290.0	258.1	225.1	192.0	160.9
35°	462.9	442.5	422.6	397.8	366.8	334.2	302.4	269.2	234.4	200.1	167.6
32.5°	476.3	453.4	431.9	407.6	378.8	345.8	313.4	278.8	243.2	207.7	173.9
30°	488.4	463.6	440.9	417.2	389.0	355.8	322.7	287.6	251.3	214.6	179.8
27.5°	498.2	472.0	449.4	425.3	397.1	364.8	330.9	295.5	258.8	221.0	185.3
25°	507.8	479.9	456.2	432.8	404.8	374.0	338.6	302.4	265.3	227.0	190.4
22.5°	518.6	487.1	461.5	439.8	412.6	382.8	345.8	308.5	271.0	232.4	194.8
20°	528.1	493.4	465.6	445.4	418.8	389.3	352.7	314.0	275.9	237.2	198.7
17.5°	536.5	500.2	470.8	448.7	423.7	395.0	359.0	318.8	280.0	241.3	202.1
15°	545.2	507.2	475.5	451.3	427.6	399.7	364.8	323.0	283.4	244.9	205.0
12.5°	553.0	513.0	479.3	453.4	430.6	403.5	369.9	326.5	286.0	247.9	207.8
10°	559.5	517.4	482.1	454.8	432.7	406.4	374.3	329.8	288.7	250.2	210.1
7.5°	564.5	520.4	484.0	455.6	434.2	408.8	378.0	333.7	291.1	251.7	211.9
5°	568.2	522.9	486.8	458.2	435.9	410.6	380.6	336.8	292.8	252.6	213.3
2.5°	571.0	525.0	489.9	460.7	436.9	411.7	382.1	339.2	293.9	252.8	214.1
0°	571.9	525.6	492.0	462.5	437.3	412.1	382.6	340.6	294.3	252.3	214.4
-2.5°	571.0	525.0	489.9	460.7	436.9	411.7	382.1	339.2	293.9	252.8	214.1
-5°	568.2	522.9	486.8	458.2	435.9	410.6	380.6	336.8	292.8	252.6	213.3
-7.5°	564.5	520.4	484.0	455.6	434.2	408.8	378.0	333.7	291.1	251.7	211.9
-10°	559.5	517.4	482.1	454.8	432.7	406.4	374.3	329.8	288.7	250.2	210.1
-12.5°	553.0	513.0	479.3	453.4	430.6	403.5	369.9	326.5	286.0	247.9	207.8
-15°	545.2	507.2	475.5	451.3	427.6	399.7	364.8	323.0	283.4	244.9	205.0
-17.5°	536.5	500.2	470.8	448.7	423.7	395.0	359.0	318.8	280.0	241.3	202.1
-20°	528.1	493.4	465.6	445.4	418.8	389.3	352.7	314.0	275.9	237.2	198.7



REPORT NUMBER: P627349 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-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°	518.6	487.1	461.5	439.8	412.6	382.8	345.8	308.5	271.0	232.4	194.8
-25°	507.8	479.9	456.2	432.8	404.8	374.0	338.6	302.4	265.3	227.0	190.4
-27.5°	498.2	472.0	449.4	425.3	397.1	364.8	330.9	295.5	258.8	221.0	185.3
-30°	488.4	463.6	440.9	417.2	389.0	355.8	322.7	287.6	251.3	214.6	179.8
-32.5°	476.3	453.4	431.9	407.6	378.8	345.8	313.4	278.8	243.2	207.7	173.9
-35°	462.9	442.5	422.6	397.8	366.8	334.2	302.4	269.2	234.4	200.1	167.6
-37.5°	448.9	430.7	411.5	385.7	353.7	321.4	290.0	258.1	225.1	192.0	160.9
-40°	435.2	417.7	398.7	370.3	338.7	307.4	276.9	246.6	215.2	183.2	153.9
-42.5°	420.5	404.0	382.0	353.7	322.0	292.4	263.3	234.7	204.6	174.3	146.4
-45°	406.1	388.3	363.9	334.7	304.1	276.8	249.9	222.4	193.5	165.4	138.6
-47.5°	390.6	369.6	344.3	315.3	286.7	260.9	236.1	209.8	182.2	156.0	130.4
-50°	371.5	349.5	323.3	296.5	269.6	245.7	222.1	197.0	171.2	146.3	121.9
-52.5°	349.5	327.0	302.4	277.4	252.9	230.3	207.7	183.8	159.6	136.1	113.0
-55°	325.9	304.4	281.3	257.7	235.4	214.5	193.1	170.1	147.4	125.4	104.0
-57.5°	300.3	281.0	258.7	237.1	217.2	198.1	177.6	155.8	134.7	114.2	95.6
-60°	272.7	254.3	234.7	216.2	198.4	180.3	161.0	141.0	121.6	103.0	86.9
-62.5°	243.8	227.2	211.4	195.0	178.1	160.9	143.9	125.7	108.0	92.8	78.0
-65°	214.5	200.7	187.5	171.7	156.1	141.2	126.1	109.9	95.8	82.4	69.2
-67.5°	184.5	173.5	160.8	147.1	134.8	121.9	108.1	95.8	83.9	71.8	61.0
-70°	157.2	146.5	135.7	125.4	114.4	103.0	92.8	82.4	71.8	62.3	52.7
-72.5°	131.2	122.5	113.4	104.2	95.7	86.9	78.0	69.2	61.0	52.7	44.2
-75°	106.2	99.4	92.5	85.4	78.1	70.7	64.0	57.1	50.1	42.9	36.6
-77.5°	83.7	78.2	72.5	67.2	61.8	56.3	50.7	44.9	39.5	34.4	29.2
-80°	61.6	57.8	54.1	50.5	46.2	41.8	38.0	34.0	30.0	25.9	21.8
-82.5°	39.7	38.3	36.8	34.9	32.1	29.3	26.4	23.5	20.5	17.4	15.1
-85°	24.5	23.4	22.0	20.5	18.7	16.8	15.5	14.2	12.8	11.5	10.1
-87.5°	11.3	10.8	10.2	9.6	9.0	8.4	7.8	7.1	6.4	5.7	5.1
-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: P627349 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-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°	4.3	3.6	2.9	2.2	1.5	0.6	0.0
85°	8.7	7.3	5.8	4.4	2.9	1.3	0.0
82.5°	13.0	10.9	8.7	6.6	4.4	1.9	0.0
80°	17.6	14.5	11.6	8.7	5.8	2.5	0.0
77.5°	23.9	18.6	14.5	10.9	7.2	3.2	0.0
75°	30.2	23.6	17.5	13.0	8.6	3.8	0.0
72.5°	36.4	28.6	21.3	15.1	10.0	4.4	0.0
70°	42.6	33.4	25.1	17.3	11.3	5.0	0.0
67.5°	49.6	38.2	28.7	20.0	12.6	5.6	0.0
65°	56.5	43.4	32.3	22.6	13.9	6.1	0.0
62.5°	63.3	49.1	35.8	25.1	15.1	6.7	0.0
60°	69.9	54.6	39.2	27.5	16.2	7.2	0.0
57.5°	77.2	60.0	43.4	29.9	17.7	7.7	0.0
55°	84.3	65.2	47.6	32.2	19.2	8.2	0.0
52.5°	91.3	70.3	51.6	34.4	20.7	8.7	0.0
50°	98.0	75.9	55.6	36.5	22.1	9.1	0.0
47.5°	104.6	81.3	59.3	38.7	23.4	9.6	0.0
45°	111.6	86.5	62.9	41.4	24.8	10.0	0.0
42.5°	118.3	91.4	66.3	44.0	26.0	10.3	0.0
40°	124.7	96.1	69.9	46.5	27.3	10.7	0.0
37.5°	130.7	100.5	73.4	48.9	28.4	11.0	0.0
35°	136.4	105.1	76.7	51.2	29.5	11.3	0.0
32.5°	141.8	109.5	79.9	53.4	30.6	11.6	0.0
30°	146.7	113.6	82.8	55.4	31.6	11.8	0.0
27.5°	151.3	117.5	85.6	57.3	32.5	12.0	0.0
25°	155.5	120.9	88.2	59.0	33.4	12.2	0.0
22.5°	159.3	124.1	90.6	60.5	34.2	12.4	0.0
20°	162.7	126.8	92.7	61.9	34.9	12.5	0.0
17.5°	165.5	129.1	94.6	63.2	35.6	12.6	0.0
15°	167.8	131.1	96.3	64.3	36.2	12.7	0.0
12.5°	169.7	132.6	97.7	65.2	36.6	12.7	0.0
10°	171.1	133.7	98.8	65.9	37.1	12.8	0.0
7.5°	172.1	134.5	99.7	66.5	37.4	12.8	0.0
5°	172.6	134.9	100.4	67.0	37.6	12.7	0.0
2.5°	172.7	134.9	100.8	67.2	37.8	12.7	0.0
0°	172.4	134.6	100.9	67.3	37.8	12.6	0.0
-2.5°	172.7	134.9	100.8	67.2	37.8	12.7	0.0
-5°	172.6	134.9	100.4	67.0	37.6	12.7	0.0
-7.5°	172.1	134.5	99.7	66.5	37.4	12.8	0.0
-10°	171.1	133.7	98.8	65.9	37.1	12.8	0.0
-12.5°	169.7	132.6	97.7	65.2	36.6	12.7	0.0
-15°	167.8	131.1	96.3	64.3	36.2	12.7	0.0
-17.5°	165.5	129.1	94.6	63.2	35.6	12.6	0.0
-20°	162.7	126.8	92.7	61.9	34.9	12.5	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627349 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	159.3	124.1	90.6	60.5	34.2	12.4	0.0
-25°	155.5	120.9	88.2	59.0	33.4	12.2	0.0
-27.5°	151.3	117.5	85.6	57.3	32.5	12.0	0.0
-30°	146.7	113.6	82.8	55.4	31.6	11.8	0.0
-32.5°	141.8	109.5	79.9	53.4	30.6	11.6	0.0
-35°	136.4	105.1	76.7	51.2	29.5	11.3	0.0
-37.5°	130.7	100.5	73.4	48.9	28.4	11.0	0.0
-40°	124.7	96.1	69.9	46.5	27.3	10.7	0.0
-42.5°	118.3	91.4	66.3	44.0	26.0	10.3	0.0
-45°	111.6	86.5	62.9	41.4	24.8	10.0	0.0
-47.5°	104.6	81.3	59.3	38.7	23.4	9.6	0.0
-50°	98.0	75.9	55.6	36.5	22.1	9.1	0.0
-52.5°	91.3	70.3	51.6	34.4	20.7	8.7	0.0
-55°	84.3	65.2	47.6	32.2	19.2	8.2	0.0
-57.5°	77.2	60.0	43.4	29.9	17.7	7.7	0.0
-60°	69.9	54.6	39.2	27.5	16.2	7.2	0.0
-62.5°	63.3	49.1	35.8	25.1	15.1	6.7	0.0
-65°	56.5	43.4	32.3	22.6	13.9	6.1	0.0
-67.5°	49.6	38.2	28.7	20.0	12.6	5.6	0.0
-70°	42.6	33.4	25.1	17.3	11.3	5.0	0.0
-72.5°	36.4	28.6	21.3	15.1	10.0	4.4	0.0
-75°	30.2	23.6	17.5	13.0	8.6	3.8	0.0
-77.5°	23.9	18.6	14.5	10.9	7.2	3.2	0.0
-80°	17.6	14.5	11.6	8.7	5.8	2.5	0.0
-82.5°	13.0	10.9	8.7	6.6	4.4	1.9	0.0
-85°	8.7	7.3	5.8	4.4	2.9	1.3	0.0
-87.5°	4.3	3.6	2.9	2.2	1.5	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)