

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: P627165 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-740-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627165 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3C-740-U-MR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N75
Light Source: (48) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

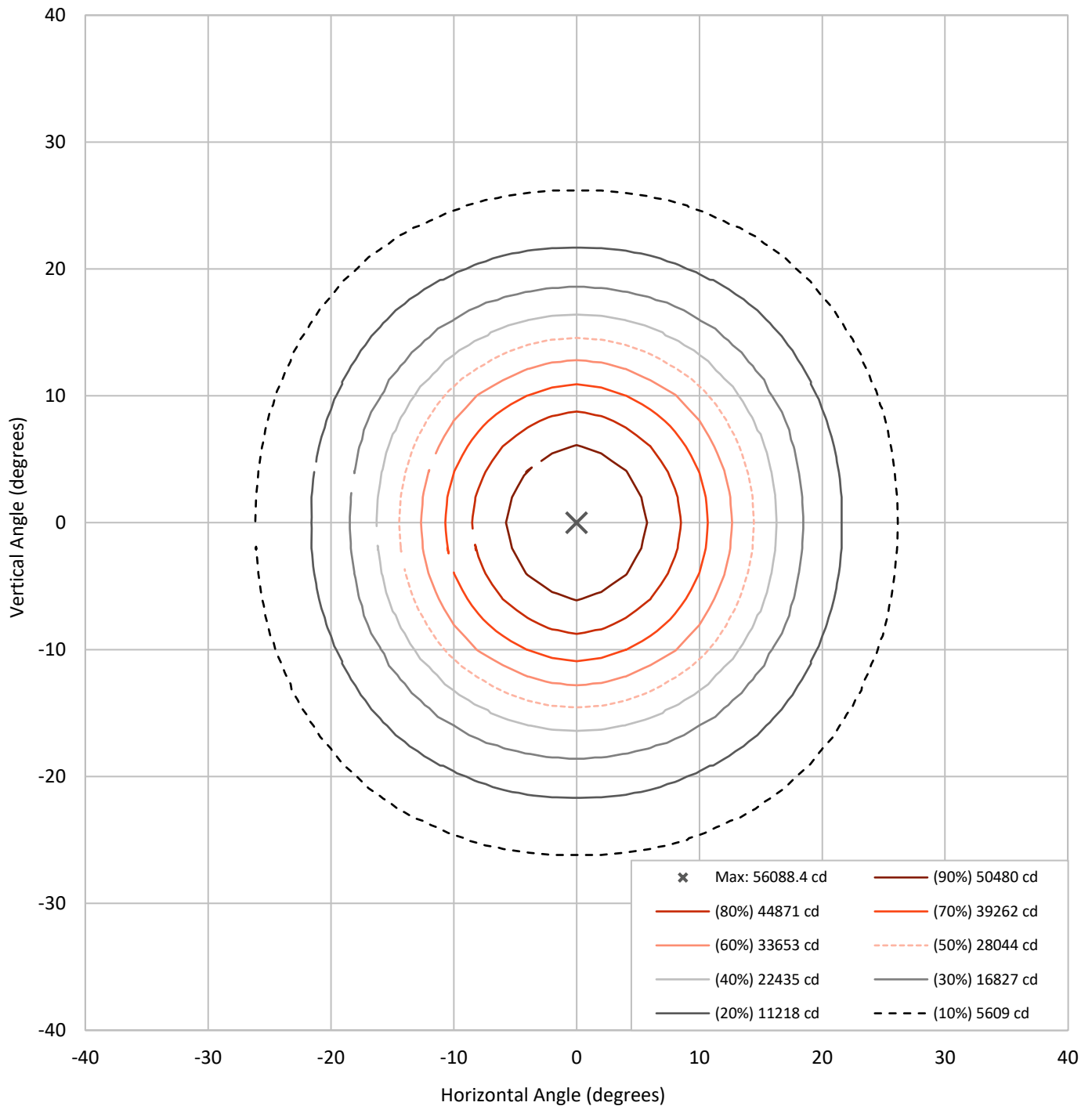
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	17523.9 lumens	Max Intensity:	56088.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	144.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	8519.9 lumens	Field Lumens:	14378.1 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	121.7		
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





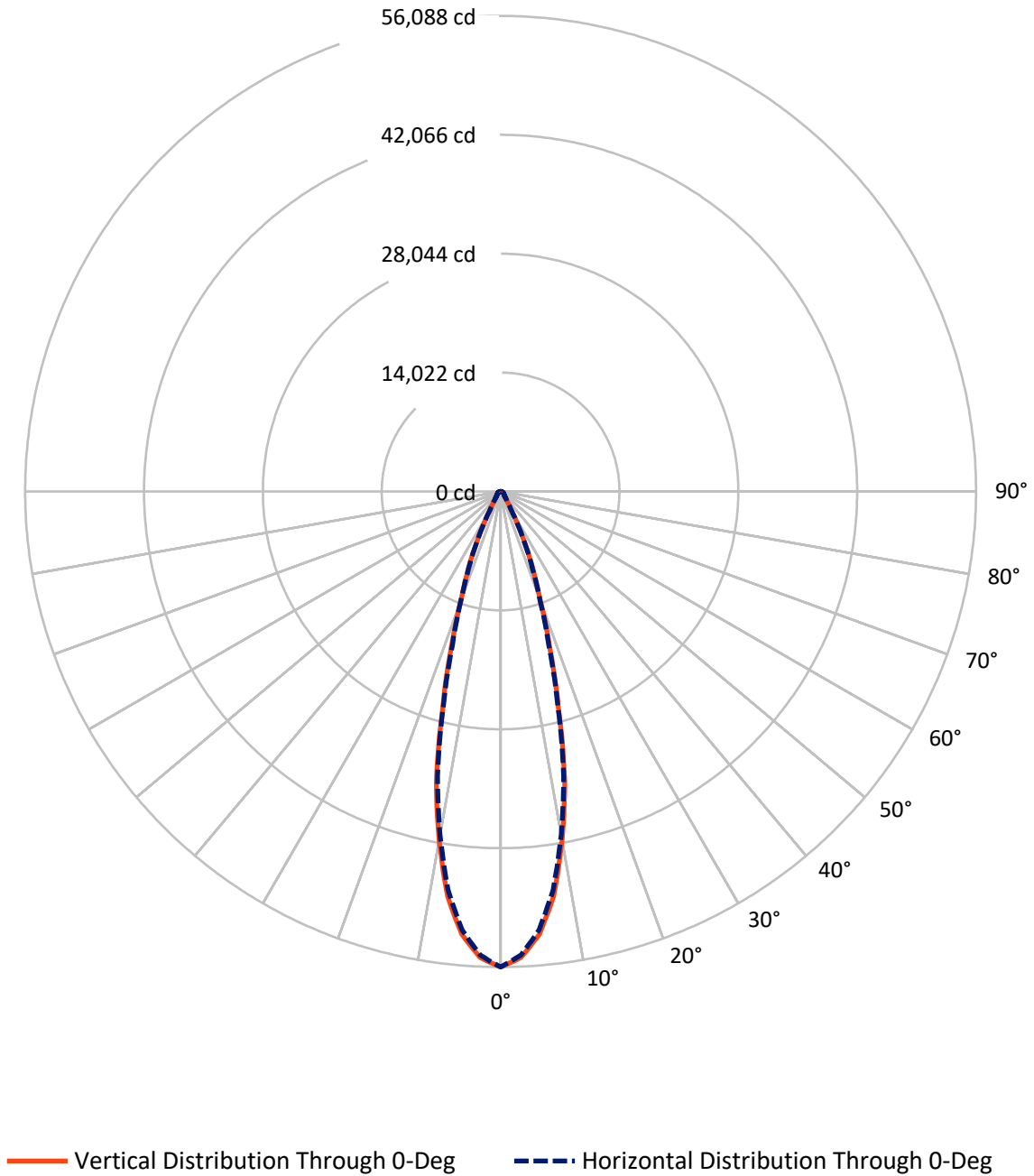
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Lumen Table

90	0.3		2.9		7.6		12.0		13.4		12.0		7.6		2.9		0.3		
80	0.3		2.9		7.6		12.0		13.4		12.0		7.6		2.9		0.3		
70	1.3	1.5	3.0	4.9	6.9	8.5	9.5	10.0	10.0	9.5	8.5	6.9	4.9	3.0	1.5	1.3			
60		2.2	4.5	7.3	9.8	12.1	13.5	14.0	14.0	13.5	12.1	9.8	7.3	4.5	2.2				
50	2.3	2.9	5.8	9.0	12.0	15.2	17.8	19.2	19.2	17.8	15.2	12.0	9.0	5.8	2.9	2.3			
40		3.4	6.8	10.4	14.7	21.0	30.4	39.5	39.5	30.4	21.0	14.7	10.4	6.8	3.4				
30	3.0	3.8	7.5	11.7	18.8	41.0	115.3	204.6	204.6	115.3	41.0	18.8	11.7	7.5	3.8	3.0			
20		4.1	7.8	12.7	25.7	107.6	383.3	734.6	734.6	383.3	107.6	25.7	12.7	7.8	4.1				
10	3.2	4.2	8.0	13.4	32.6	185.7	709.5	1395.6	1395.6	709.5	185.7	32.6	13.4	8.0	4.2	3.2			
0		4.2	8.0	13.4	32.6	185.7	709.5	1395.6	1395.6	709.5	185.7	32.6	13.4	8.0	4.2				
-10	3.0	4.1	7.8	12.7	25.7	107.6	383.3	734.6	734.6	383.3	107.6	25.7	12.7	7.8	4.1	3.0			
-20		3.8	7.5	11.7	18.8	41.0	115.3	204.6	204.6	115.3	41.0	18.8	11.7	7.5	3.8				
-30	2.3	3.4	6.8	10.4	14.7	21.0	30.4	39.5	39.5	30.4	21.0	14.7	10.4	6.8	3.4	2.3			
-40		2.9	5.8	9.0	12.0	15.2	17.8	19.2	19.2	17.8	15.2	12.0	9.0	5.8	2.9				
-50	1.3	2.2	4.5	7.3	9.8	12.1	13.5	14.0	14.0	13.5	12.1	9.8	7.3	4.5	2.2	1.3			
-60		1.5	3.0	4.9	6.9	8.5	9.5	10.0	10.0	9.5	8.5	6.9	4.9	3.0	1.5				
-70	0.3		2.9		7.6		12.0		13.4		12.0		7.6		2.9		0.3		
-80	0.3		2.9		7.6		12.0		13.4		12.0		7.6		2.9		0.3		
-90	0.3		2.9		7.6		12.0		13.4		12.0		7.6		2.9		0.3		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

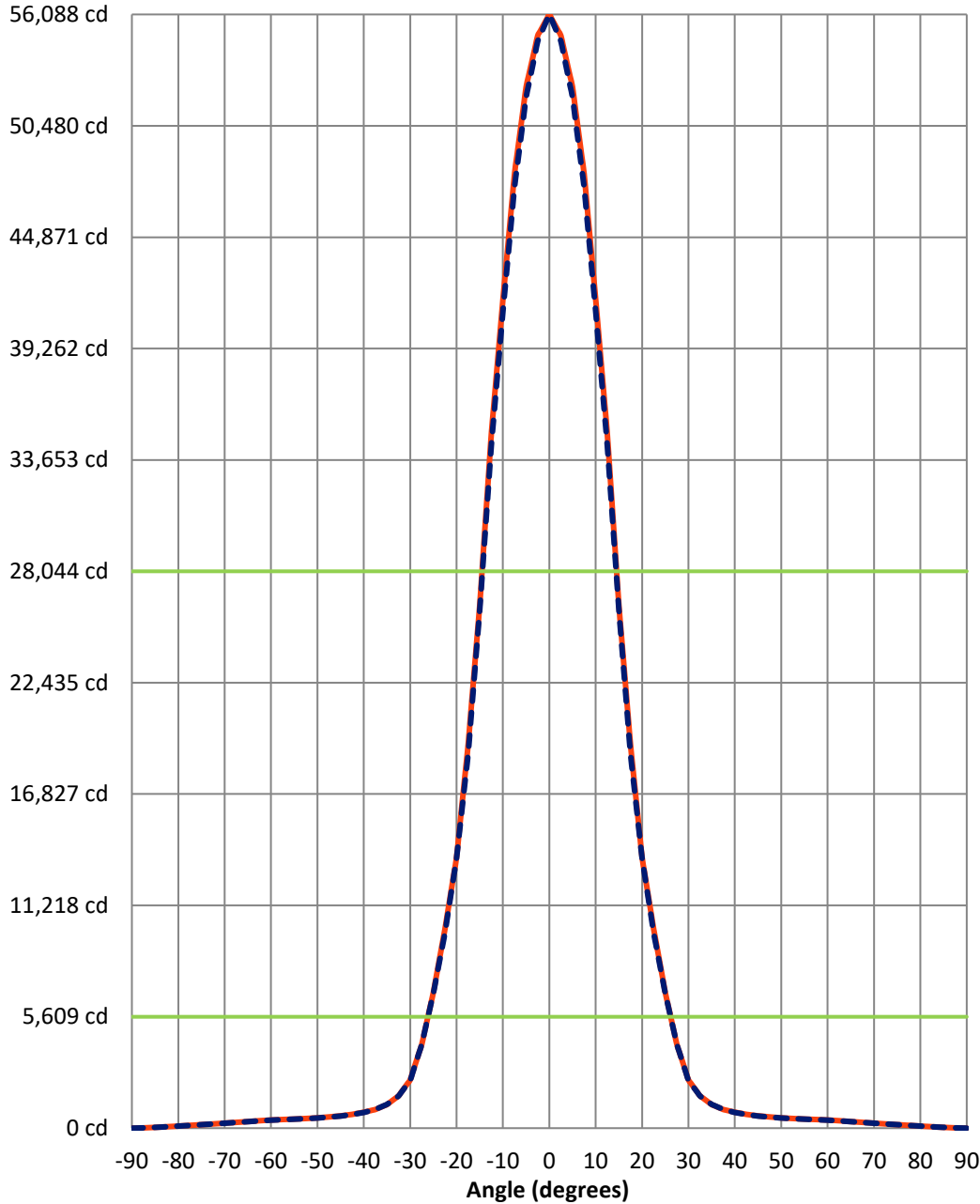
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 8519.9
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 14378.1
 Efficiency: 82.0%

Spill:
 Lumens: 3145.7
 Efficiency: 18.0%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.6	1.3	1.9	2.5	3.1	3.7	4.3	4.9	5.5	6.1
85°	0.0	1.3	2.5	3.8	5.0	6.2	7.4	8.7	9.8	11.0	12.2
82.5°	0.0	1.9	3.8	5.6	7.5	9.3	11.2	13.0	15.0	18.4	22.0
80°	0.0	2.5	5.0	7.5	10.0	12.4	15.2	19.5	24.1	29.0	34.0
77.5°	0.0	3.1	6.2	9.3	12.4	16.3	21.6	27.2	33.1	39.4	46.2
75°	0.0	3.7	7.4	11.2	15.2	21.6	27.9	34.7	42.2	50.9	59.5
72.5°	0.0	4.3	8.7	13.0	19.4	26.8	34.2	42.7	52.8	62.8	72.7
70°	0.0	4.9	9.8	15.0	23.5	32.0	40.6	51.8	63.3	74.6	86.8
67.5°	0.0	5.5	11.0	18.1	27.6	37.1	48.5	60.9	73.6	87.4	101.0
65°	0.0	6.1	12.2	21.1	31.6	42.8	56.2	69.8	84.8	100.0	115.3
62.5°	0.0	6.6	13.3	24.0	35.6	49.1	63.8	79.2	95.9	112.6	130.1
60°	0.0	7.2	14.4	26.9	39.4	55.3	71.2	88.6	106.7	125.3	144.4
57.5°	0.0	7.7	16.3	29.7	44.2	61.3	78.9	97.9	117.4	137.5	158.6
55°	0.0	8.3	18.1	32.5	48.9	67.2	86.5	106.8	127.8	149.5	172.5
52.5°	0.0	8.8	19.9	35.1	53.4	73.0	93.9	115.5	137.8	161.7	186.0
50°	0.0	9.3	21.6	37.7	57.9	78.8	100.9	124.0	147.6	173.4	198.4
47.5°	0.0	9.7	23.2	40.4	62.1	84.3	107.6	132.1	157.6	184.8	210.3
45°	0.0	10.2	24.8	43.4	66.2	89.6	114.3	139.9	167.4	194.8	221.4
42.5°	0.0	10.6	26.3	46.4	70.1	94.7	120.7	147.7	176.6	204.2	231.7
40°	0.0	11.0	27.8	49.1	73.9	99.4	126.8	155.3	185.0	213.0	241.4
37.5°	0.0	11.4	29.2	51.7	77.5	103.9	132.6	162.4	192.5	221.5	250.6
35°	0.0	11.8	30.5	54.1	80.9	108.3	138.0	169.0	199.6	229.5	259.2
32.5°	0.0	12.1	31.7	56.3	84.0	112.5	143.2	175.1	206.2	237.0	267.6
30°	0.0	12.5	32.8	58.4	86.9	116.4	148.0	180.6	212.3	243.9	275.4
27.5°	0.0	12.8	33.9	60.2	89.5	120.1	152.5	185.5	218.0	250.3	282.6
25°	0.0	13.1	34.9	61.9	91.9	123.4	156.5	190.0	223.1	256.2	289.2
22.5°	0.0	13.3	35.8	63.4	94.2	126.4	160.1	194.0	227.8	261.4	295.7
20°	0.0	13.5	36.6	64.7	96.2	129.1	163.2	197.6	231.9	266.1	301.6
17.5°	0.0	13.7	37.3	65.8	98.1	131.3	166.1	200.7	235.4	270.2	306.7
15°	0.0	13.9	37.9	66.7	99.7	133.2	168.7	203.6	238.5	273.6	311.0
12.5°	0.0	14.1	38.4	67.4	101.1	134.6	171.0	206.2	241.3	276.4	314.5
10°	0.0	14.2	38.8	68.0	102.3	135.8	172.9	208.5	243.8	279.8	317.8
7.5°	0.0	14.3	39.2	68.3	103.2	136.5	174.4	210.2	245.8	282.7	321.5
5°	0.0	14.3	39.4	68.5	103.9	137.0	175.5	211.4	247.3	285.1	324.3
2.5°	0.0	14.4	39.6	68.6	104.3	137.0	176.2	212.2	248.1	286.9	326.4
0°	0.0	14.4	39.6	68.4	104.4	136.8	176.4	212.4	248.4	288.0	327.6
-2.5°	0.0	14.4	39.6	68.6	104.3	137.0	176.2	212.2	248.1	286.9	326.4
-5°	0.0	14.3	39.4	68.5	103.9	137.0	175.5	211.4	247.3	285.1	324.3
-7.5°	0.0	14.3	39.2	68.3	103.2	136.5	174.4	210.2	245.8	282.7	321.5
-10°	0.0	14.2	38.8	68.0	102.3	135.8	172.9	208.5	243.8	279.8	317.8
-12.5°	0.0	14.1	38.4	67.4	101.1	134.6	171.0	206.2	241.3	276.4	314.5
-15°	0.0	13.9	37.9	66.7	99.7	133.2	168.7	203.6	238.5	273.6	311.0
-17.5°	0.0	13.7	37.3	65.8	98.1	131.3	166.1	200.7	235.4	270.2	306.7
-20°	0.0	13.5	36.6	64.7	96.2	129.1	163.2	197.6	231.9	266.1	301.6

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	13.3	35.8	63.4	94.2	126.4	160.1	194.0	227.8	261.4	295.7
-25°	0.0	13.1	34.9	61.9	91.9	123.4	156.5	190.0	223.1	256.2	289.2
-27.5°	0.0	12.8	33.9	60.2	89.5	120.1	152.5	185.5	218.0	250.3	282.6
-30°	0.0	12.5	32.8	58.4	86.9	116.4	148.0	180.6	212.3	243.9	275.4
-32.5°	0.0	12.1	31.7	56.3	84.0	112.5	143.2	175.1	206.2	237.0	267.6
-35°	0.0	11.8	30.5	54.1	80.9	108.3	138.0	169.0	199.6	229.5	259.2
-37.5°	0.0	11.4	29.2	51.7	77.5	103.9	132.6	162.4	192.5	221.5	250.6
-40°	0.0	11.0	27.8	49.1	73.9	99.4	126.8	155.3	185.0	213.0	241.4
-42.5°	0.0	10.6	26.3	46.4	70.1	94.7	120.7	147.7	176.6	204.2	231.7
-45°	0.0	10.2	24.8	43.4	66.2	89.6	114.3	139.9	167.4	194.8	221.4
-47.5°	0.0	9.7	23.2	40.4	62.1	84.3	107.6	132.1	157.6	184.8	210.3
-50°	0.0	9.3	21.6	37.7	57.9	78.8	100.9	124.0	147.6	173.4	198.4
-52.5°	0.0	8.8	19.9	35.1	53.4	73.0	93.9	115.5	137.8	161.7	186.0
-55°	0.0	8.3	18.1	32.5	48.9	67.2	86.5	106.8	127.8	149.5	172.5
-57.5°	0.0	7.7	16.3	29.7	44.2	61.3	78.9	97.9	117.4	137.5	158.6
-60°	0.0	7.2	14.4	26.9	39.4	55.3	71.2	88.6	106.7	125.3	144.4
-62.5°	0.0	6.6	13.3	24.0	35.6	49.1	63.8	79.2	95.9	112.6	130.1
-65°	0.0	6.1	12.2	21.1	31.6	42.8	56.2	69.8	84.8	100.0	115.3
-67.5°	0.0	5.5	11.0	18.1	27.6	37.1	48.5	60.9	73.6	87.4	101.0
-70°	0.0	4.9	9.8	15.0	23.5	32.0	40.6	51.8	63.3	74.6	86.8
-72.5°	0.0	4.3	8.7	13.0	19.4	26.8	34.2	42.7	52.8	62.8	72.7
-75°	0.0	3.7	7.4	11.2	15.2	21.6	27.9	34.7	42.2	50.9	59.5
-77.5°	0.0	3.1	6.2	9.3	12.4	16.3	21.6	27.2	33.1	39.4	46.2
-80°	0.0	2.5	5.0	7.5	10.0	12.4	15.2	19.5	24.1	29.0	34.0
-82.5°	0.0	1.9	3.8	5.6	7.5	9.3	11.2	13.0	15.0	18.4	22.0
-85°	0.0	1.3	2.5	3.8	5.0	6.2	7.4	8.7	9.8	11.0	12.2
-87.5°	0.0	0.6	1.3	1.9	2.5	3.1	3.7	4.3	4.9	5.5	6.1
-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°	6.6	7.2	7.7	8.3	8.8	9.3	9.7	10.2	10.6	11.0	11.4
85°	13.3	14.4	16.5	18.6	20.6	22.6	24.5	26.3	28.0	29.7	31.3
82.5°	25.4	28.7	31.9	35.1	38.1	41.0	43.9	46.6	49.2	51.7	54.1
80°	38.6	43.0	47.4	51.5	55.5	59.4	63.2	66.9	70.3	74.1	78.0
77.5°	52.5	58.1	63.3	68.0	73.0	79.2	85.1	90.8	96.2	101.4	106.4
75°	66.9	73.3	80.3	87.3	94.5	101.9	109.0	115.9	122.6	129.5	136.4
72.5°	82.0	90.7	99.2	107.5	116.6	125.5	133.7	141.2	149.7	159.0	167.6
70°	98.1	108.1	118.8	129.4	139.7	149.7	159.9	170.1	180.4	190.5	200.1
67.5°	114.2	126.8	139.2	151.2	162.9	174.9	186.9	199.3	211.2	222.6	233.6
65°	131.4	145.5	159.3	172.7	185.8	200.4	214.7	228.5	243.5	257.5	269.7
62.5°	148.1	163.9	179.1	194.4	210.2	226.4	242.9	260.2	278.2	291.1	302.3
60°	164.1	182.0	199.0	216.4	234.1	252.3	271.4	289.8	306.2	320.4	332.1
57.5°	179.8	199.8	218.7	237.6	257.0	277.6	298.6	317.5	332.7	346.4	359.2
55°	195.0	217.1	237.2	257.4	279.4	303.6	325.1	342.1	357.8	369.0	381.3
52.5°	209.5	233.2	254.2	276.7	301.9	327.0	348.4	365.0	378.1	389.8	401.8
50°	223.3	247.1	270.4	296.1	322.7	347.9	369.5	384.8	398.0	410.1	421.6
47.5°	235.8	260.6	286.9	314.4	342.2	367.1	387.8	403.3	417.0	429.5	442.2
45°	247.6	274.3	302.2	332.3	360.8	385.5	404.3	421.0	434.2	448.2	464.1
42.5°	258.9	287.4	317.8	349.8	378.9	401.5	419.8	435.7	450.9	467.8	485.5
40°	270.0	299.7	332.5	366.2	395.8	415.4	433.7	450.6	468.1	487.3	506.6
37.5°	280.4	312.2	346.3	381.5	408.3	428.6	447.5	466.4	486.0	506.6	530.7
35°	289.9	323.8	359.5	393.5	419.2	441.4	461.7	482.2	504.2	529.3	555.9
32.5°	299.2	334.3	371.8	403.7	429.3	453.0	475.3	498.5	523.7	551.4	581.7
30°	308.3	344.6	382.6	414.1	438.2	462.4	488.7	514.5	542.4	573.2	608.9
27.5°	317.1	354.1	391.6	422.2	446.0	470.7	498.8	530.2	560.7	594.5	635.8
25°	325.2	363.9	400.5	428.7	452.8	478.6	508.0	541.4	577.3	617.4	668.1
22.5°	332.9	372.8	408.9	434.2	458.4	485.5	517.1	552.4	591.5	638.0	699.9
20°	340.0	379.7	414.5	439.2	463.0	491.0	525.0	562.2	606.8	663.2	737.1
17.5°	346.3	385.5	418.3	443.4	467.9	496.7	531.7	570.4	620.6	685.4	772.9
15°	351.6	390.3	421.7	446.5	472.0	502.6	538.6	580.8	635.7	707.1	803.8
12.5°	356.1	394.0	424.5	448.8	475.3	506.9	544.5	590.8	650.8	730.9	845.5
10°	359.5	396.7	426.7	450.3	477.5	509.8	549.1	598.6	663.1	750.7	881.1
7.5°	362.9	399.1	428.3	450.9	478.9	511.2	552.3	604.1	672.0	765.6	909.6
5°	365.3	401.4	429.2	452.2	479.7	511.8	554.5	607.3	677.6	775.4	929.7
2.5°	366.7	402.7	429.2	453.2	479.7	512.1	557.1	609.1	683.8	783.7	941.1
0°	367.2	403.2	428.4	453.6	478.8	511.2	558.0	608.4	687.6	788.5	943.3
-2.5°	366.7	402.7	429.2	453.2	479.7	512.1	557.1	609.1	683.8	783.7	941.1
-5°	365.3	401.4	429.2	452.2	479.7	511.8	554.5	607.3	677.6	775.4	929.7
-7.5°	362.9	399.1	428.3	450.9	478.9	511.2	552.3	604.1	672.0	765.6	909.6
-10°	359.5	396.7	426.7	450.3	477.5	509.8	549.1	598.6	663.1	750.7	881.1
-12.5°	356.1	394.0	424.5	448.8	475.3	506.9	544.5	590.8	650.8	730.9	845.5
-15°	351.6	390.3	421.7	446.5	472.0	502.6	538.6	580.8	635.7	707.1	803.8
-17.5°	346.3	385.5	418.3	443.4	467.9	496.7	531.7	570.4	620.6	685.4	772.9
-20°	340.0	379.7	414.5	439.2	463.0	491.0	525.0	562.2	606.8	663.2	737.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627165 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	332.9	372.8	408.9	434.2	458.4	485.5	517.1	552.4	591.5	638.0	699.9
-25°	325.2	363.9	400.5	428.7	452.8	478.6	508.0	541.4	577.3	617.4	668.1
-27.5°	317.1	354.1	391.6	422.2	446.0	470.7	498.8	530.2	560.7	594.5	635.8
-30°	308.3	344.6	382.6	414.1	438.2	462.4	488.7	514.5	542.4	573.2	608.9
-32.5°	299.2	334.3	371.8	403.7	429.3	453.0	475.3	498.5	523.7	551.4	581.7
-35°	289.9	323.8	359.5	393.5	419.2	441.4	461.7	482.2	504.2	529.3	555.9
-37.5°	280.4	312.2	346.3	381.5	408.3	428.6	447.5	466.4	486.0	506.6	530.7
-40°	270.0	299.7	332.5	366.2	395.8	415.4	433.7	450.6	468.1	487.3	506.6
-42.5°	258.9	287.4	317.8	349.8	378.9	401.5	419.8	435.7	450.9	467.8	485.5
-45°	247.6	274.3	302.2	332.3	360.8	385.5	404.3	421.0	434.2	448.2	464.1
-47.5°	235.8	260.6	286.9	314.4	342.2	367.1	387.8	403.3	417.0	429.5	442.2
-50°	223.3	247.1	270.4	296.1	322.7	347.9	369.5	384.8	398.0	410.1	421.6
-52.5°	209.5	233.2	254.2	276.7	301.9	327.0	348.4	365.0	378.1	389.8	401.8
-55°	195.0	217.1	237.2	257.4	279.4	303.6	325.1	342.1	357.8	369.0	381.3
-57.5°	179.8	199.8	218.7	237.6	257.0	277.6	298.6	317.5	332.7	346.4	359.2
-60°	164.1	182.0	199.0	216.4	234.1	252.3	271.4	289.8	306.2	320.4	332.1
-62.5°	148.1	163.9	179.1	194.4	210.2	226.4	242.9	260.2	278.2	291.1	302.3
-65°	131.4	145.5	159.3	172.7	185.8	200.4	214.7	228.5	243.5	257.5	269.7
-67.5°	114.2	126.8	139.2	151.2	162.9	174.9	186.9	199.3	211.2	222.6	233.6
-70°	98.1	108.1	118.8	129.4	139.7	149.7	159.9	170.1	180.4	190.5	200.1
-72.5°	82.0	90.7	99.2	107.5	116.6	125.5	133.7	141.2	149.7	159.0	167.6
-75°	66.9	73.3	80.3	87.3	94.5	101.9	109.0	115.9	122.6	129.5	136.4
-77.5°	52.5	58.1	63.3	68.0	73.0	79.2	85.1	90.8	96.2	101.4	106.4
-80°	38.6	43.0	47.4	51.5	55.5	59.4	63.2	66.9	70.3	74.1	78.0
-82.5°	25.4	28.7	31.9	35.1	38.1	41.0	43.9	46.6	49.2	51.7	54.1
-85°	13.3	14.4	16.5	18.6	20.6	22.6	24.5	26.3	28.0	29.7	31.3
-87.5°	6.6	7.2	7.7	8.3	8.8	9.3	9.7	10.2	10.6	11.0	11.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627165 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-740-U-MR-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°	11.8	12.1	12.5	12.8	13.1	13.3	13.5	13.7	13.9	14.1	14.2
85°	32.8	34.2	35.5	36.7	37.8	38.1	38.2	38.1	37.9	38.4	38.8
82.5°	56.3	58.8	61.4	63.9	66.4	67.3	68.0	68.4	68.7	69.7	70.5
80°	81.8	85.7	89.4	92.8	95.7	97.8	99.7	101.5	103.1	103.8	104.2
77.5°	111.3	116.2	120.7	124.9	128.8	131.9	134.3	136.3	137.9	138.9	139.5
75°	143.2	149.3	154.8	159.8	164.5	167.8	170.0	171.7	172.8	174.0	175.0
72.5°	175.3	182.3	188.8	194.9	200.2	204.0	206.6	208.8	210.4	211.6	212.2
70°	209.1	217.5	224.6	230.7	235.6	239.2	242.0	244.3	246.0	247.3	247.9
67.5°	244.2	253.1	259.8	265.1	269.4	273.3	276.8	279.4	281.1	282.9	284.7
65°	279.8	288.9	295.8	301.4	306.0	310.9	315.5	318.8	321.1	323.1	325.2
62.5°	313.4	323.6	331.6	339.0	346.5	353.6	357.7	360.9	363.1	365.1	367.5
60°	343.9	355.5	365.2	374.2	383.4	392.6	396.4	399.3	402.1	404.8	407.1
57.5°	370.9	383.3	395.1	404.0	412.7	421.3	427.3	430.5	432.7	433.9	434.9
55°	394.5	406.8	418.6	428.8	438.3	447.2	453.8	457.0	459.3	460.9	461.8
52.5°	415.6	428.8	441.4	452.7	463.0	472.5	480.8	485.2	488.7	491.2	492.1
50°	436.3	450.6	464.2	476.3	488.3	499.7	510.2	516.3	520.6	523.2	524.0
47.5°	457.9	473.4	488.2	502.3	515.8	529.4	541.8	550.1	556.3	560.8	564.1
45°	480.4	497.1	513.4	530.1	545.7	563.1	578.9	591.0	599.9	607.7	613.9
42.5°	503.1	521.9	540.6	562.0	583.3	603.2	621.9	638.0	652.6	667.0	678.1
40°	527.8	548.3	573.9	599.3	625.6	648.7	676.1	700.6	723.1	747.4	767.5
37.5°	554.7	581.1	611.4	641.9	676.1	709.3	747.5	785.2	817.9	860.5	894.6
35°	584.0	617.5	653.3	694.2	738.3	790.4	843.9	906.6	959.9	1027.5	1089.9
32.5°	616.7	656.1	702.6	758.8	818.3	901.8	980.2	1086.6	1177.5	1294.9	1423.0
30°	650.0	700.9	764.2	836.6	937.3	1055.9	1194.1	1374.0	1568.5	1769.8	2040.8
27.5°	689.4	755.5	834.5	946.4	1096.9	1261.1	1542.8	1846.9	2270.6	2606.1	3203.5
25°	731.9	813.6	930.3	1092.5	1300.5	1632.7	2108.2	2658.8	3506.7	4260.8	5127.6
22.5°	782.2	893.2	1047.6	1260.0	1622.7	2194.3	2936.5	4067.1	5324.0	6564.6	7698.4
20°	835.5	969.5	1185.4	1531.4	2092.0	2918.5	4242.6	5858.3	7526.9	9227.0	10659.7
17.5°	897.6	1079.7	1364.1	1823.6	2623.4	4038.4	5807.1	7861.5	10041.5	12210.8	14095.2
15°	951.0	1176.0	1559.0	2247.2	3440.0	5209.9	7383.7	9978.3	12719.7	15535.0	18586.4
12.5°	1019.2	1292.0	1759.8	2597.5	4164.4	6464.9	9124.7	12137.1	15484.7	19222.9	23979.9
10°	1081.7	1413.7	2023.9	3158.7	5035.3	7637.3	10628.6	14046.3	18388.4	24005.9	29744.0
7.5°	1131.8	1510.3	2228.8	3596.6	5765.7	8638.8	11982.8	16080.4	21497.5	28186.7	34742.9
5°	1166.6	1577.2	2375.4	3927.5	6353.1	9404.2	12943.7	17579.9	24118.2	31608.9	38303.2
2.5°	1188.5	1613.8	2447.1	4123.9	6736.3	9864.8	13543.3	18532.8	25724.4	33787.3	40565.1
0°	1198.9	1620.1	2401.4	4219.5	6790.1	9832.3	13598.2	18850.9	26105.5	34378.9	41129.3
-2.5°	1188.5	1613.8	2447.1	4123.9	6736.3	9864.8	13543.3	18532.8	25724.4	33787.3	40565.1
-5°	1166.6	1577.2	2375.4	3927.5	6353.1	9404.2	12943.7	17579.9	24118.2	31608.9	38303.2
-7.5°	1131.8	1510.3	2228.8	3596.6	5765.7	8638.8	11982.8	16080.4	21497.5	28186.7	34742.9
-10°	1081.7	1413.7	2023.9	3158.7	5035.3	7637.3	10628.6	14046.3	18388.4	24005.9	29744.0
-12.5°	1019.2	1292.0	1759.8	2597.5	4164.4	6464.9	9124.7	12137.1	15484.7	19222.9	23979.9
-15°	951.0	1176.0	1559.0	2247.2	3440.0	5209.9	7383.7	9978.3	12719.7	15535.0	18586.4
-17.5°	897.6	1079.7	1364.1	1823.6	2623.4	4038.4	5807.1	7861.5	10041.5	12210.8	14095.2
-20°	835.5	969.5	1185.4	1531.4	2092.0	2918.5	4242.6	5858.3	7526.9	9227.0	10659.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627165 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	782.2	893.2	1047.6	1260.0	1622.7	2194.3	2936.5	4067.1	5324.0	6564.6	7698.4
-25°	731.9	813.6	930.3	1092.5	1300.5	1632.7	2108.2	2658.8	3506.7	4260.8	5127.6
-27.5°	689.4	755.5	834.5	946.4	1096.9	1261.1	1542.8	1846.9	2270.6	2606.1	3203.5
-30°	650.0	700.9	764.2	836.6	937.3	1055.9	1194.1	1374.0	1568.5	1769.8	2040.8
-32.5°	616.7	656.1	702.6	758.8	818.3	901.8	980.2	1086.6	1177.5	1294.9	1423.0
-35°	584.0	617.5	653.3	694.2	738.3	790.4	843.9	906.6	959.9	1027.5	1089.9
-37.5°	554.7	581.1	611.4	641.9	676.1	709.3	747.5	785.2	817.9	860.5	894.6
-40°	527.8	548.3	573.9	599.3	625.6	648.7	676.1	700.6	723.1	747.4	767.5
-42.5°	503.1	521.9	540.6	562.0	583.3	603.2	621.9	638.0	652.6	667.0	678.1
-45°	480.4	497.1	513.4	530.1	545.7	563.1	578.9	591.0	599.9	607.7	613.9
-47.5°	457.9	473.4	488.2	502.3	515.8	529.4	541.8	550.1	556.3	560.8	564.1
-50°	436.3	450.6	464.2	476.3	488.3	499.7	510.2	516.3	520.6	523.2	524.0
-52.5°	415.6	428.8	441.4	452.7	463.0	472.5	480.8	485.2	488.7	491.2	492.1
-55°	394.5	406.8	418.6	428.8	438.3	447.2	453.8	457.0	459.3	460.9	461.8
-57.5°	370.9	383.3	395.1	404.0	412.7	421.3	427.3	430.5	432.7	433.9	434.9
-60°	343.9	355.5	365.2	374.2	383.4	392.6	396.4	399.3	402.1	404.8	407.1
-62.5°	313.4	323.6	331.6	339.0	346.5	353.6	357.7	360.9	363.1	365.1	367.5
-65°	279.8	288.9	295.8	301.4	306.0	310.9	315.5	318.8	321.1	323.1	325.2
-67.5°	244.2	253.1	259.8	265.1	269.4	273.3	276.8	279.4	281.1	282.9	284.7
-70°	209.1	217.5	224.6	230.7	235.6	239.2	242.0	244.3	246.0	247.3	247.9
-72.5°	175.3	182.3	188.8	194.9	200.2	204.0	206.6	208.8	210.4	211.6	212.2
-75°	143.2	149.3	154.8	159.8	164.5	167.8	170.0	171.7	172.8	174.0	175.0
-77.5°	111.3	116.2	120.7	124.9	128.8	131.9	134.3	136.3	137.9	138.9	139.5
-80°	81.8	85.7	89.4	92.8	95.7	97.8	99.7	101.5	103.1	103.8	104.2
-82.5°	56.3	58.8	61.4	63.9	66.4	67.3	68.0	68.4	68.7	69.7	70.5
-85°	32.8	34.2	35.5	36.7	37.8	38.1	38.2	38.1	37.9	38.4	38.8
-87.5°	11.8	12.1	12.5	12.8	13.1	13.3	13.5	13.7	13.9	14.1	14.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627165 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-740-U-MR-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°	14.3	14.3	14.4	14.4	14.4	14.3	14.3	14.2	14.1	13.9	13.7
85°	39.2	39.4	39.6	39.6	39.6	39.4	39.2	38.8	38.4	37.9	38.1
82.5°	71.2	71.6	71.9	72.0	71.9	71.6	71.2	70.5	69.7	68.7	68.4
80°	104.2	103.9	104.3	104.4	104.3	103.9	104.2	104.2	103.8	103.1	101.5
77.5°	139.8	139.7	140.2	140.4	140.2	139.7	139.8	139.5	138.9	137.9	136.3
75°	175.5	175.6	176.2	176.4	176.2	175.6	175.5	175.0	174.0	172.8	171.7
72.5°	212.2	211.6	212.2	212.4	212.2	211.6	212.2	212.2	211.6	210.4	208.8
70°	248.0	247.5	249.8	252.0	249.8	247.5	248.0	247.9	247.3	246.0	244.3
67.5°	286.0	286.7	289.3	291.6	289.3	286.7	286.0	284.7	282.9	281.1	279.4
65°	326.2	326.4	328.8	331.2	328.8	326.4	326.2	325.2	323.1	321.1	318.8
62.5°	368.9	369.3	371.9	374.4	371.9	369.3	368.9	367.5	365.1	363.1	360.9
60°	408.5	409.0	409.9	410.4	409.9	409.0	408.5	407.1	404.8	402.1	399.3
57.5°	435.2	434.9	435.2	435.6	435.2	434.9	435.2	434.9	433.9	432.7	430.5
55°	461.6	460.4	459.0	457.2	459.0	460.4	461.6	461.8	460.9	459.3	457.0
52.5°	491.4	489.5	487.8	486.0	487.8	489.5	491.4	492.1	491.2	488.7	485.2
50°	523.5	521.8	520.2	518.4	520.2	521.8	523.5	524.0	523.2	520.6	516.3
47.5°	566.3	567.0	566.7	565.2	566.7	567.0	566.3	564.1	560.8	556.3	550.1
45°	618.2	620.3	620.6	619.2	620.6	620.3	618.2	613.9	607.7	599.9	591.0
42.5°	686.0	690.6	693.1	694.8	693.1	690.6	686.0	678.1	667.0	652.6	638.0
40°	782.1	791.4	797.4	802.9	797.4	791.4	782.1	767.5	747.4	723.1	700.6
37.5°	919.9	936.8	944.3	939.7	944.3	936.8	919.9	894.6	860.5	817.9	785.2
35°	1138.0	1170.1	1186.7	1188.1	1186.7	1170.1	1138.0	1089.9	1027.5	959.9	906.6
32.5°	1517.7	1583.4	1618.7	1623.7	1618.7	1583.4	1517.7	1423.0	1294.9	1177.5	1086.6
30°	2248.2	2382.2	2445.1	2430.2	2445.1	2382.2	2248.2	2040.8	1769.8	1568.5	1374.0
27.5°	3667.9	4002.1	4200.1	4215.9	4200.1	4002.1	3667.9	3203.5	2606.1	2270.6	1846.9
25°	5895.2	6465.7	6831.0	6836.9	6831.0	6465.7	5895.2	5127.6	4260.8	3506.7	2658.8
22.5°	8746.8	9525.5	9952.2	10026.7	9952.2	9525.5	8746.8	7698.4	6564.6	5324.0	4067.1
20°	12050.6	13086.5	13640.7	13641.4	13640.7	13086.5	12050.6	10659.7	9227.0	7526.9	5858.3
17.5°	16119.3	17801.4	18857.3	19311.8	18857.3	17801.4	16119.3	14095.2	12210.8	10041.5	7861.5
15°	21524.6	24351.2	26045.0	26350.3	26045.0	24351.2	21524.6	18586.4	15535.0	12719.7	9978.3
12.5°	28106.2	31683.4	34088.0	34969.3	34088.0	31683.4	28106.2	23979.9	19222.9	15484.7	12137.1
10°	34978.0	38292.5	40868.5	41734.2	40868.5	38292.5	34978.0	29744.0	24005.9	18388.4	14046.3
7.5°	39942.3	43894.7	46796.4	48070.6	46796.4	43894.7	39942.3	34742.9	28186.7	21497.5	16080.4
5°	43861.1	48537.7	51238.9	52437.7	51238.9	48537.7	43861.1	38303.2	31608.9	24118.2	17579.9
2.5°	46432.3	51053.2	53913.7	55019.1	53913.7	51053.2	46432.3	40565.1	33787.3	25724.4	18532.8
0°	47393.8	51912.1	54738.3	56088.4	54738.3	51912.1	47393.8	41129.3	34378.9	26105.5	18850.9
-2.5°	46432.3	51053.2	53913.7	55019.1	53913.7	51053.2	46432.3	40565.1	33787.3	25724.4	18532.8
-5°	43861.1	48537.7	51238.9	52437.7	51238.9	48537.7	43861.1	38303.2	31608.9	24118.2	17579.9
-7.5°	39942.3	43894.7	46796.4	48070.6	46796.4	43894.7	39942.3	34742.9	28186.7	21497.5	16080.4
-10°	34978.0	38292.5	40868.5	41734.2	40868.5	38292.5	34978.0	29744.0	24005.9	18388.4	14046.3
-12.5°	28106.2	31683.4	34088.0	34969.3	34088.0	31683.4	28106.2	23979.9	19222.9	15484.7	12137.1
-15°	21524.6	24351.2	26045.0	26350.3	26045.0	24351.2	21524.6	18586.4	15535.0	12719.7	9978.3
-17.5°	16119.3	17801.4	18857.3	19311.8	18857.3	17801.4	16119.3	14095.2	12210.8	10041.5	7861.5
-20°	12050.6	13086.5	13640.7	13641.4	13640.7	13086.5	12050.6	10659.7	9227.0	7526.9	5858.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627165 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8746.8	9525.5	9952.2	10026.7	9952.2	9525.5	8746.8	7698.4	6564.6	5324.0	4067.1
-25°	5895.2	6465.7	6831.0	6836.9	6831.0	6465.7	5895.2	5127.6	4260.8	3506.7	2658.8
-27.5°	3667.9	4002.1	4200.1	4215.9	4200.1	4002.1	3667.9	3203.5	2606.1	2270.6	1846.9
-30°	2248.2	2382.2	2445.1	2430.2	2445.1	2382.2	2248.2	2040.8	1769.8	1568.5	1374.0
-32.5°	1517.7	1583.4	1618.7	1623.7	1618.7	1583.4	1517.7	1423.0	1294.9	1177.5	1086.6
-35°	1138.0	1170.1	1186.7	1188.1	1186.7	1170.1	1138.0	1089.9	1027.5	959.9	906.6
-37.5°	919.9	936.8	944.3	939.7	944.3	936.8	919.9	894.6	860.5	817.9	785.2
-40°	782.1	791.4	797.4	802.9	797.4	791.4	782.1	767.5	747.4	723.1	700.6
-42.5°	686.0	690.6	693.1	694.8	693.1	690.6	686.0	678.1	667.0	652.6	638.0
-45°	618.2	620.3	620.6	619.2	620.6	620.3	618.2	613.9	607.7	599.9	591.0
-47.5°	566.3	567.0	566.7	565.2	566.7	567.0	566.3	564.1	560.8	556.3	550.1
-50°	523.5	521.8	520.2	518.4	520.2	521.8	523.5	524.0	523.2	520.6	516.3
-52.5°	491.4	489.5	487.8	486.0	487.8	489.5	491.4	492.1	491.2	488.7	485.2
-55°	461.6	460.4	459.0	457.2	459.0	460.4	461.6	461.8	460.9	459.3	457.0
-57.5°	435.2	434.9	435.2	435.6	435.2	434.9	435.2	434.9	433.9	432.7	430.5
-60°	408.5	409.0	409.9	410.4	409.9	409.0	408.5	407.1	404.8	402.1	399.3
-62.5°	368.9	369.3	371.9	374.4	371.9	369.3	368.9	367.5	365.1	363.1	360.9
-65°	326.2	326.4	328.8	331.2	328.8	326.4	326.2	325.2	323.1	321.1	318.8
-67.5°	286.0	286.7	289.3	291.6	289.3	286.7	286.0	284.7	282.9	281.1	279.4
-70°	248.0	247.5	249.8	252.0	249.8	247.5	248.0	247.9	247.3	246.0	244.3
-72.5°	212.2	211.6	212.2	212.4	212.2	211.6	212.2	212.2	211.6	210.4	208.8
-75°	175.5	175.6	176.2	176.4	176.2	175.6	175.5	175.0	174.0	172.8	171.7
-77.5°	139.8	139.7	140.2	140.4	140.2	139.7	139.8	139.5	138.9	137.9	136.3
-80°	104.2	103.9	104.3	104.4	104.3	103.9	104.2	104.2	103.8	103.1	101.5
-82.5°	71.2	71.6	71.9	72.0	71.9	71.6	71.2	70.5	69.7	68.7	68.4
-85°	39.2	39.4	39.6	39.6	39.6	39.4	39.2	38.8	38.4	37.9	38.1
-87.5°	14.3	14.3	14.4	14.4	14.4	14.3	14.3	14.2	14.1	13.9	13.7
-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: P627165 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-740-U-MR-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°	13.5	13.3	13.1	12.8	12.5	12.1	11.8	11.4	11.0	10.6	10.2
85°	38.2	38.1	37.8	36.7	35.5	34.2	32.8	31.3	29.7	28.0	26.3
82.5°	68.0	67.3	66.4	63.9	61.4	58.8	56.3	54.1	51.7	49.2	46.6
80°	99.7	97.8	95.7	92.8	89.4	85.7	81.8	78.0	74.1	70.3	66.9
77.5°	134.3	131.9	128.8	124.9	120.7	116.2	111.3	106.4	101.4	96.2	90.8
75°	170.0	167.8	164.5	159.8	154.8	149.3	143.2	136.4	129.5	122.6	115.9
72.5°	206.6	204.0	200.2	194.9	188.8	182.3	175.3	167.6	159.0	149.7	141.2
70°	242.0	239.2	235.6	230.7	224.6	217.5	209.1	200.1	190.5	180.4	170.1
67.5°	276.8	273.3	269.4	265.1	259.8	253.1	244.2	233.6	222.6	211.2	199.3
65°	315.5	310.9	306.0	301.4	295.8	288.9	279.8	269.7	257.5	243.5	228.5
62.5°	357.7	353.6	346.5	339.0	331.6	323.6	313.4	302.3	291.1	278.2	260.2
60°	396.4	392.6	383.4	374.2	365.2	355.5	343.9	332.1	320.4	306.2	289.8
57.5°	427.3	421.3	412.7	404.0	395.1	383.3	370.9	359.2	346.4	332.7	317.5
55°	453.8	447.2	438.3	428.8	418.6	406.8	394.5	381.3	369.0	357.8	342.1
52.5°	480.8	472.5	463.0	452.7	441.4	428.8	415.6	401.8	389.8	378.1	365.0
50°	510.2	499.7	488.3	476.3	464.2	450.6	436.3	421.6	410.1	398.0	384.8
47.5°	541.8	529.4	515.8	502.3	488.2	473.4	457.9	442.2	429.5	417.0	403.3
45°	578.9	563.1	545.7	530.1	513.4	497.1	480.4	464.1	448.2	434.2	421.0
42.5°	621.9	603.2	583.3	562.0	540.6	521.9	503.1	485.5	467.8	450.9	435.7
40°	676.1	648.7	625.6	599.3	573.9	548.3	527.8	506.6	487.3	468.1	450.6
37.5°	747.5	709.3	676.1	641.9	611.4	581.1	554.7	530.7	506.6	486.0	466.4
35°	843.9	790.4	738.3	694.2	653.3	617.5	584.0	555.9	529.3	504.2	482.2
32.5°	980.2	901.8	818.3	758.8	702.6	656.1	616.7	581.7	551.4	523.7	498.5
30°	1194.1	1055.9	937.3	836.6	764.2	700.9	650.0	608.9	573.2	542.4	514.5
27.5°	1542.8	1261.1	1096.9	946.4	834.5	755.5	689.4	635.8	594.5	560.7	530.2
25°	2108.2	1632.7	1300.5	1092.5	930.3	813.6	731.9	668.1	617.4	577.3	541.4
22.5°	2936.5	2194.3	1622.7	1260.0	1047.6	893.2	782.2	699.9	638.0	591.5	552.4
20°	4242.6	2918.5	2092.0	1531.4	1185.4	969.5	835.5	737.1	663.2	606.8	562.2
17.5°	5807.1	4038.4	2623.4	1823.6	1364.1	1079.7	897.6	772.9	685.4	620.6	570.4
15°	7383.7	5209.9	3440.0	2247.2	1559.0	1176.0	951.0	803.8	707.1	635.7	580.8
12.5°	9124.7	6464.9	4164.4	2597.5	1759.8	1292.0	1019.2	845.5	730.9	650.8	590.8
10°	10628.6	7637.3	5035.3	3158.7	2023.9	1413.7	1081.7	881.1	750.7	663.1	598.6
7.5°	11982.8	8638.8	5765.7	3596.6	2228.8	1510.3	1131.8	909.6	765.6	672.0	604.1
5°	12943.7	9404.2	6353.1	3927.5	2375.4	1577.2	1166.6	929.7	775.4	677.6	607.3
2.5°	13543.3	9864.8	6736.3	4123.9	2447.1	1613.8	1188.5	941.1	783.7	683.8	609.1
0°	13598.2	9832.3	6790.1	4219.5	2401.4	1620.1	1198.9	943.3	788.5	687.6	608.4
-2.5°	13543.3	9864.8	6736.3	4123.9	2447.1	1613.8	1188.5	941.1	783.7	683.8	609.1
-5°	12943.7	9404.2	6353.1	3927.5	2375.4	1577.2	1166.6	929.7	775.4	677.6	607.3
-7.5°	11982.8	8638.8	5765.7	3596.6	2228.8	1510.3	1131.8	909.6	765.6	672.0	604.1
-10°	10628.6	7637.3	5035.3	3158.7	2023.9	1413.7	1081.7	881.1	750.7	663.1	598.6
-12.5°	9124.7	6464.9	4164.4	2597.5	1759.8	1292.0	1019.2	845.5	730.9	650.8	590.8
-15°	7383.7	5209.9	3440.0	2247.2	1559.0	1176.0	951.0	803.8	707.1	635.7	580.8
-17.5°	5807.1	4038.4	2623.4	1823.6	1364.1	1079.7	897.6	772.9	685.4	620.6	570.4
-20°	4242.6	2918.5	2092.0	1531.4	1185.4	969.5	835.5	737.1	663.2	606.8	562.2

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627165 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2936.5	2194.3	1622.7	1260.0	1047.6	893.2	782.2	699.9	638.0	591.5	552.4
-25°	2108.2	1632.7	1300.5	1092.5	930.3	813.6	731.9	668.1	617.4	577.3	541.4
-27.5°	1542.8	1261.1	1096.9	946.4	834.5	755.5	689.4	635.8	594.5	560.7	530.2
-30°	1194.1	1055.9	937.3	836.6	764.2	700.9	650.0	608.9	573.2	542.4	514.5
-32.5°	980.2	901.8	818.3	758.8	702.6	656.1	616.7	581.7	551.4	523.7	498.5
-35°	843.9	790.4	738.3	694.2	653.3	617.5	584.0	555.9	529.3	504.2	482.2
-37.5°	747.5	709.3	676.1	641.9	611.4	581.1	554.7	530.7	506.6	486.0	466.4
-40°	676.1	648.7	625.6	599.3	573.9	548.3	527.8	506.6	487.3	468.1	450.6
-42.5°	621.9	603.2	583.3	562.0	540.6	521.9	503.1	485.5	467.8	450.9	435.7
-45°	578.9	563.1	545.7	530.1	513.4	497.1	480.4	464.1	448.2	434.2	421.0
-47.5°	541.8	529.4	515.8	502.3	488.2	473.4	457.9	442.2	429.5	417.0	403.3
-50°	510.2	499.7	488.3	476.3	464.2	450.6	436.3	421.6	410.1	398.0	384.8
-52.5°	480.8	472.5	463.0	452.7	441.4	428.8	415.6	401.8	389.8	378.1	365.0
-55°	453.8	447.2	438.3	428.8	418.6	406.8	394.5	381.3	369.0	357.8	342.1
-57.5°	427.3	421.3	412.7	404.0	395.1	383.3	370.9	359.2	346.4	332.7	317.5
-60°	396.4	392.6	383.4	374.2	365.2	355.5	343.9	332.1	320.4	306.2	289.8
-62.5°	357.7	353.6	346.5	339.0	331.6	323.6	313.4	302.3	291.1	278.2	260.2
-65°	315.5	310.9	306.0	301.4	295.8	288.9	279.8	269.7	257.5	243.5	228.5
-67.5°	276.8	273.3	269.4	265.1	259.8	253.1	244.2	233.6	222.6	211.2	199.3
-70°	242.0	239.2	235.6	230.7	224.6	217.5	209.1	200.1	190.5	180.4	170.1
-72.5°	206.6	204.0	200.2	194.9	188.8	182.3	175.3	167.6	159.0	149.7	141.2
-75°	170.0	167.8	164.5	159.8	154.8	149.3	143.2	136.4	129.5	122.6	115.9
-77.5°	134.3	131.9	128.8	124.9	120.7	116.2	111.3	106.4	101.4	96.2	90.8
-80°	99.7	97.8	95.7	92.8	89.4	85.7	81.8	78.0	74.1	70.3	66.9
-82.5°	68.0	67.3	66.4	63.9	61.4	58.8	56.3	54.1	51.7	49.2	46.6
-85°	38.2	38.1	37.8	36.7	35.5	34.2	32.8	31.3	29.7	28.0	26.3
-87.5°	13.5	13.3	13.1	12.8	12.5	12.1	11.8	11.4	11.0	10.6	10.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627165 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-740-U-MR-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°	9.7	9.3	8.8	8.3	7.7	7.2	6.6	6.1	5.5	4.9	4.3
85°	24.5	22.6	20.6	18.6	16.5	14.4	13.3	12.2	11.0	9.8	8.7
82.5°	43.9	41.0	38.1	35.1	31.9	28.7	25.4	22.0	18.4	15.0	13.0
80°	63.2	59.4	55.5	51.5	47.4	43.0	38.6	34.0	29.0	24.1	19.5
77.5°	85.1	79.2	73.0	68.0	63.3	58.1	52.5	46.2	39.4	33.1	27.2
75°	109.0	101.9	94.5	87.3	80.3	73.3	66.9	59.5	50.9	42.2	34.7
72.5°	133.7	125.5	116.6	107.5	99.2	90.7	82.0	72.7	62.8	52.8	42.7
70°	159.9	149.7	139.7	129.4	118.8	108.1	98.1	86.8	74.6	63.3	51.8
67.5°	186.9	174.9	162.9	151.2	139.2	126.8	114.2	101.0	87.4	73.6	60.9
65°	214.7	200.4	185.8	172.7	159.3	145.5	131.4	115.3	100.0	84.8	69.8
62.5°	242.9	226.4	210.2	194.4	179.1	163.9	148.1	130.1	112.6	95.9	79.2
60°	271.4	252.3	234.1	216.4	199.0	182.0	164.1	144.4	125.3	106.7	88.6
57.5°	298.6	277.6	257.0	237.6	218.7	199.8	179.8	158.6	137.5	117.4	97.9
55°	325.1	303.6	279.4	257.4	237.2	217.1	195.0	172.5	149.5	127.8	106.8
52.5°	348.4	327.0	301.9	276.7	254.2	233.2	209.5	186.0	161.7	137.8	115.5
50°	369.5	347.9	322.7	296.1	270.4	247.1	223.3	198.4	173.4	147.6	124.0
47.5°	387.8	367.1	342.2	314.4	286.9	260.6	235.8	210.3	184.8	157.6	132.1
45°	404.3	385.5	360.8	332.3	302.2	274.3	247.6	221.4	194.8	167.4	139.9
42.5°	419.8	401.5	378.9	349.8	317.8	287.4	258.9	231.7	204.2	176.6	147.7
40°	433.7	415.4	395.8	366.2	332.5	299.7	270.0	241.4	213.0	185.0	155.3
37.5°	447.5	428.6	408.3	381.5	346.3	312.2	280.4	250.6	221.5	192.5	162.4
35°	461.7	441.4	419.2	393.5	359.5	323.8	289.9	259.2	229.5	199.6	169.0
32.5°	475.3	453.0	429.3	403.7	371.8	334.3	299.2	267.6	237.0	206.2	175.1
30°	488.7	462.4	438.2	414.1	382.6	344.6	308.3	275.4	243.9	212.3	180.6
27.5°	498.8	470.7	446.0	422.2	391.6	354.1	317.1	282.6	250.3	218.0	185.5
25°	508.0	478.6	452.8	428.7	400.5	363.9	325.2	289.2	256.2	223.1	190.0
22.5°	517.1	485.5	458.4	434.2	408.9	372.8	332.9	295.7	261.4	227.8	194.0
20°	525.0	491.0	463.0	439.2	414.5	379.7	340.0	301.6	266.1	231.9	197.6
17.5°	531.7	496.7	467.9	443.4	418.3	385.5	346.3	306.7	270.2	235.4	200.7
15°	538.6	502.6	472.0	446.5	421.7	390.3	351.6	311.0	273.6	238.5	203.6
12.5°	544.5	506.9	475.3	448.8	424.5	394.0	356.1	314.5	276.4	241.3	206.2
10°	549.1	509.8	477.5	450.3	426.7	396.7	359.5	317.8	279.8	243.8	208.5
7.5°	552.3	511.2	478.9	450.9	428.3	399.1	362.9	321.5	282.7	245.8	210.2
5°	554.5	511.8	479.7	452.2	429.2	401.4	365.3	324.3	285.1	247.3	211.4
2.5°	557.1	512.1	479.7	453.2	429.2	402.7	366.7	326.4	286.9	248.1	212.2
0°	558.0	511.2	478.8	453.6	428.4	403.2	367.2	327.6	288.0	248.4	212.4
-2.5°	557.1	512.1	479.7	453.2	429.2	402.7	366.7	326.4	286.9	248.1	212.2
-5°	554.5	511.8	479.7	452.2	429.2	401.4	365.3	324.3	285.1	247.3	211.4
-7.5°	552.3	511.2	478.9	450.9	428.3	399.1	362.9	321.5	282.7	245.8	210.2
-10°	549.1	509.8	477.5	450.3	426.7	396.7	359.5	317.8	279.8	243.8	208.5
-12.5°	544.5	506.9	475.3	448.8	424.5	394.0	356.1	314.5	276.4	241.3	206.2
-15°	538.6	502.6	472.0	446.5	421.7	390.3	351.6	311.0	273.6	238.5	203.6
-17.5°	531.7	496.7	467.9	443.4	418.3	385.5	346.3	306.7	270.2	235.4	200.7
-20°	525.0	491.0	463.0	439.2	414.5	379.7	340.0	301.6	266.1	231.9	197.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627165 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	517.1	485.5	458.4	434.2	408.9	372.8	332.9	295.7	261.4	227.8	194.0
-25°	508.0	478.6	452.8	428.7	400.5	363.9	325.2	289.2	256.2	223.1	190.0
-27.5°	498.8	470.7	446.0	422.2	391.6	354.1	317.1	282.6	250.3	218.0	185.5
-30°	488.7	462.4	438.2	414.1	382.6	344.6	308.3	275.4	243.9	212.3	180.6
-32.5°	475.3	453.0	429.3	403.7	371.8	334.3	299.2	267.6	237.0	206.2	175.1
-35°	461.7	441.4	419.2	393.5	359.5	323.8	289.9	259.2	229.5	199.6	169.0
-37.5°	447.5	428.6	408.3	381.5	346.3	312.2	280.4	250.6	221.5	192.5	162.4
-40°	433.7	415.4	395.8	366.2	332.5	299.7	270.0	241.4	213.0	185.0	155.3
-42.5°	419.8	401.5	378.9	349.8	317.8	287.4	258.9	231.7	204.2	176.6	147.7
-45°	404.3	385.5	360.8	332.3	302.2	274.3	247.6	221.4	194.8	167.4	139.9
-47.5°	387.8	367.1	342.2	314.4	286.9	260.6	235.8	210.3	184.8	157.6	132.1
-50°	369.5	347.9	322.7	296.1	270.4	247.1	223.3	198.4	173.4	147.6	124.0
-52.5°	348.4	327.0	301.9	276.7	254.2	233.2	209.5	186.0	161.7	137.8	115.5
-55°	325.1	303.6	279.4	257.4	237.2	217.1	195.0	172.5	149.5	127.8	106.8
-57.5°	298.6	277.6	257.0	237.6	218.7	199.8	179.8	158.6	137.5	117.4	97.9
-60°	271.4	252.3	234.1	216.4	199.0	182.0	164.1	144.4	125.3	106.7	88.6
-62.5°	242.9	226.4	210.2	194.4	179.1	163.9	148.1	130.1	112.6	95.9	79.2
-65°	214.7	200.4	185.8	172.7	159.3	145.5	131.4	115.3	100.0	84.8	69.8
-67.5°	186.9	174.9	162.9	151.2	139.2	126.8	114.2	101.0	87.4	73.6	60.9
-70°	159.9	149.7	139.7	129.4	118.8	108.1	98.1	86.8	74.6	63.3	51.8
-72.5°	133.7	125.5	116.6	107.5	99.2	90.7	82.0	72.7	62.8	52.8	42.7
-75°	109.0	101.9	94.5	87.3	80.3	73.3	66.9	59.5	50.9	42.2	34.7
-77.5°	85.1	79.2	73.0	68.0	63.3	58.1	52.5	46.2	39.4	33.1	27.2
-80°	63.2	59.4	55.5	51.5	47.4	43.0	38.6	34.0	29.0	24.1	19.5
-82.5°	43.9	41.0	38.1	35.1	31.9	28.7	25.4	22.0	18.4	15.0	13.0
-85°	24.5	22.6	20.6	18.6	16.5	14.4	13.3	12.2	11.0	9.8	8.7
-87.5°	9.7	9.3	8.8	8.3	7.7	7.2	6.6	6.1	5.5	4.9	4.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report



REPORT NUMBER: P627165 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-740-U-MR-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°	3.7	3.1	2.5	1.9	1.3	0.6	0.0
85°	7.4	6.2	5.0	3.8	2.5	1.3	0.0
82.5°	11.2	9.3	7.5	5.6	3.8	1.9	0.0
80°	15.2	12.4	10.0	7.5	5.0	2.5	0.0
77.5°	21.6	16.3	12.4	9.3	6.2	3.1	0.0
75°	27.9	21.6	15.2	11.2	7.4	3.7	0.0
72.5°	34.2	26.8	19.4	13.0	8.7	4.3	0.0
70°	40.6	32.0	23.5	15.0	9.8	4.9	0.0
67.5°	48.5	37.1	27.6	18.1	11.0	5.5	0.0
65°	56.2	42.8	31.6	21.1	12.2	6.1	0.0
62.5°	63.8	49.1	35.6	24.0	13.3	6.6	0.0
60°	71.2	55.3	39.4	26.9	14.4	7.2	0.0
57.5°	78.9	61.3	44.2	29.7	16.3	7.7	0.0
55°	86.5	67.2	48.9	32.5	18.1	8.3	0.0
52.5°	93.9	73.0	53.4	35.1	19.9	8.8	0.0
50°	100.9	78.8	57.9	37.7	21.6	9.3	0.0
47.5°	107.6	84.3	62.1	40.4	23.2	9.7	0.0
45°	114.3	89.6	66.2	43.4	24.8	10.2	0.0
42.5°	120.7	94.7	70.1	46.4	26.3	10.6	0.0
40°	126.8	99.4	73.9	49.1	27.8	11.0	0.0
37.5°	132.6	103.9	77.5	51.7	29.2	11.4	0.0
35°	138.0	108.3	80.9	54.1	30.5	11.8	0.0
32.5°	143.2	112.5	84.0	56.3	31.7	12.1	0.0
30°	148.0	116.4	86.9	58.4	32.8	12.5	0.0
27.5°	152.5	120.1	89.5	60.2	33.9	12.8	0.0
25°	156.5	123.4	91.9	61.9	34.9	13.1	0.0
22.5°	160.1	126.4	94.2	63.4	35.8	13.3	0.0
20°	163.2	129.1	96.2	64.7	36.6	13.5	0.0
17.5°	166.1	131.3	98.1	65.8	37.3	13.7	0.0
15°	168.7	133.2	99.7	66.7	37.9	13.9	0.0
12.5°	171.0	134.6	101.1	67.4	38.4	14.1	0.0
10°	172.9	135.8	102.3	68.0	38.8	14.2	0.0
7.5°	174.4	136.5	103.2	68.3	39.2	14.3	0.0
5°	175.5	137.0	103.9	68.5	39.4	14.3	0.0
2.5°	176.2	137.0	104.3	68.6	39.6	14.4	0.0
0°	176.4	136.8	104.4	68.4	39.6	14.4	0.0
-2.5°	176.2	137.0	104.3	68.6	39.6	14.4	0.0
-5°	175.5	137.0	103.9	68.5	39.4	14.3	0.0
-7.5°	174.4	136.5	103.2	68.3	39.2	14.3	0.0
-10°	172.9	135.8	102.3	68.0	38.8	14.2	0.0
-12.5°	171.0	134.6	101.1	67.4	38.4	14.1	0.0
-15°	168.7	133.2	99.7	66.7	37.9	13.9	0.0
-17.5°	166.1	131.3	98.1	65.8	37.3	13.7	0.0
-20°	163.2	129.1	96.2	64.7	36.6	13.5	0.0

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CATALOG NUMBER: GFLD-SA3C-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	160.1	126.4	94.2	63.4	35.8	13.3	0.0
-25°	156.5	123.4	91.9	61.9	34.9	13.1	0.0
-27.5°	152.5	120.1	89.5	60.2	33.9	12.8	0.0
-30°	148.0	116.4	86.9	58.4	32.8	12.5	0.0
-32.5°	143.2	112.5	84.0	56.3	31.7	12.1	0.0
-35°	138.0	108.3	80.9	54.1	30.5	11.8	0.0
-37.5°	132.6	103.9	77.5	51.7	29.2	11.4	0.0
-40°	126.8	99.4	73.9	49.1	27.8	11.0	0.0
-42.5°	120.7	94.7	70.1	46.4	26.3	10.6	0.0
-45°	114.3	89.6	66.2	43.4	24.8	10.2	0.0
-47.5°	107.6	84.3	62.1	40.4	23.2	9.7	0.0
-50°	100.9	78.8	57.9	37.7	21.6	9.3	0.0
-52.5°	93.9	73.0	53.4	35.1	19.9	8.8	0.0
-55°	86.5	67.2	48.9	32.5	18.1	8.3	0.0
-57.5°	78.9	61.3	44.2	29.7	16.3	7.7	0.0
-60°	71.2	55.3	39.4	26.9	14.4	7.2	0.0
-62.5°	63.8	49.1	35.6	24.0	13.3	6.6	0.0
-65°	56.2	42.8	31.6	21.1	12.2	6.1	0.0
-67.5°	48.5	37.1	27.6	18.1	11.0	5.5	0.0
-70°	40.6	32.0	23.5	15.0	9.8	4.9	0.0
-72.5°	34.2	26.8	19.4	13.0	8.7	4.3	0.0
-75°	27.9	21.6	15.2	11.2	7.4	3.7	0.0
-77.5°	21.6	16.3	12.4	9.3	6.2	3.1	0.0
-80°	15.2	12.4	10.0	7.5	5.0	2.5	0.0
-82.5°	11.2	9.3	7.5	5.6	3.8	1.9	0.0
-85°	7.4	6.2	5.0	3.8	2.5	1.3	0.0
-87.5°	3.7	3.1	2.5	1.9	1.3	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)