

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: P627509 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4E-730-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627509 (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-SA4E-730-U-NR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N92
Light Source: (64) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

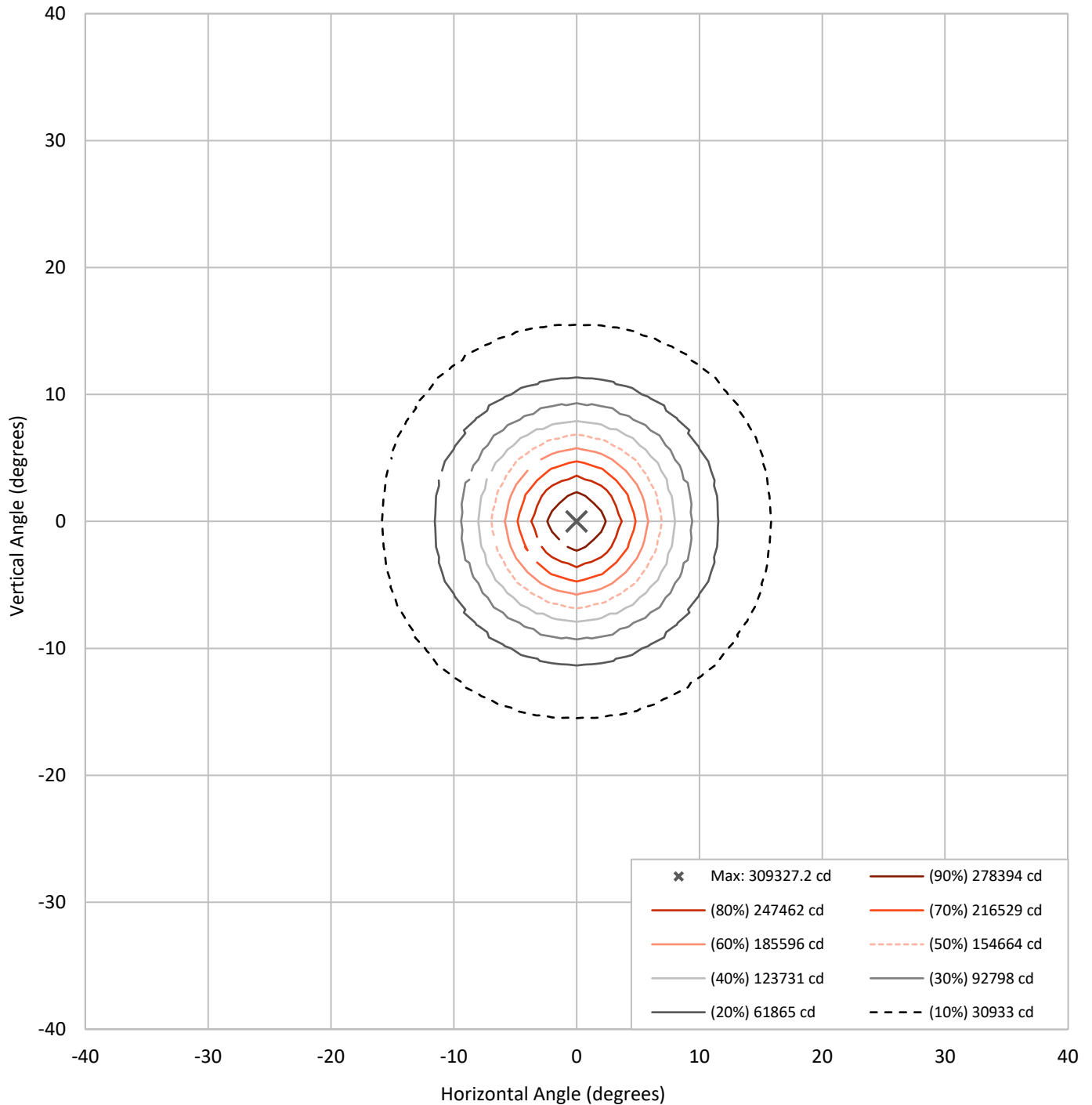
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	32846 lumens	Max Intensity:	309327.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	128.4 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:	9711.1 lumens	Field Lumens:	21854 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	255.9		
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





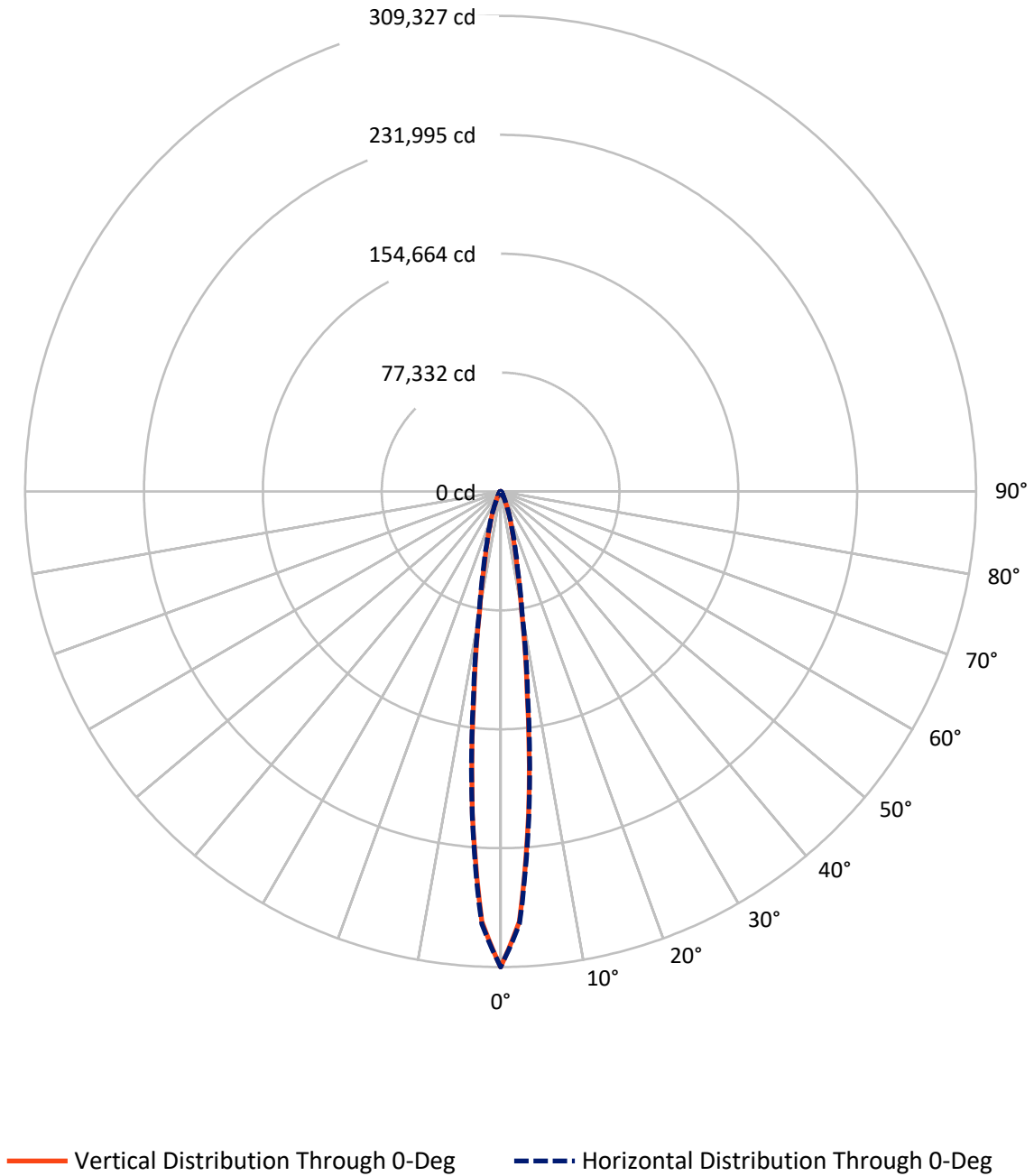
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Lumen Table

90																			
80	0.6	4.5		11.8		19.1		20.9		19.1		11.8		4.5		0.6			
70																			
60	2.0	2.3	4.7	7.8	11.0	13.5	15.2	15.8	15.8	15.2	13.5	11.0	7.8	4.7	2.3	2.0			
50		3.5	7.1	11.6	15.5	18.9	21.2	22.1	22.1	21.2	18.9	15.5	11.6	7.1	3.5				
40	3.6	4.6	9.2	14.3	19.0	23.9	28.1	30.3	30.3	28.1	23.9	19.0	14.3	9.2	4.6	3.6			
30		5.5	10.9	16.5	23.4	33.6	47.3	58.6	58.6	47.3	33.6	23.4	16.5	10.9	5.5				
20	4.7	6.2	11.9	18.6	30.2	60.0	136.7	226.2	226.2	136.7	60.0	30.2	18.6	11.9	6.2	4.7			
10		6.6	12.5	20.5	40.1	127.4	452.5	974.6	974.6	452.5	127.4	40.1	20.5	12.5	6.6				
0	5.0	6.9	12.8	21.7	48.5	210.0	983.7	4249.4	4249.4	983.7	210.0	48.5	21.7	12.8	6.9	5.0			
-10		6.9	12.8	21.7	48.5	210.0	983.7	4249.4	4249.4	983.7	210.0	48.5	21.7	12.8	6.9				
-20	4.7	6.6	12.5	20.5	40.1	127.4	452.5	974.6	974.6	452.5	127.4	40.1	20.5	12.5	6.6	4.7			
-30		6.2	11.9	18.6	30.2	60.0	136.7	226.2	226.2	136.7	60.0	30.2	18.6	11.9	6.2				
-40	3.6	5.5	10.9	16.5	23.4	33.6	47.3	58.6	58.6	47.3	33.6	23.4	16.5	10.9	5.5	3.6			
-50		4.6	9.2	14.3	19.0	23.9	28.1	30.3	30.3	28.1	23.9	19.0	14.3	9.2	4.6				
-60	2.0	3.5	7.1	11.6	15.5	18.9	21.2	22.1	22.1	21.2	18.9	15.5	11.6	7.1	3.5	2.0			
-70		2.3	4.7	7.8	11.0	13.5	15.2	15.8	15.8	15.2	13.5	11.0	7.8	4.7	2.3				
-80																			
-90	0.6	4.5		11.8		19.1		20.9		19.1		11.8		4.5		0.6			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

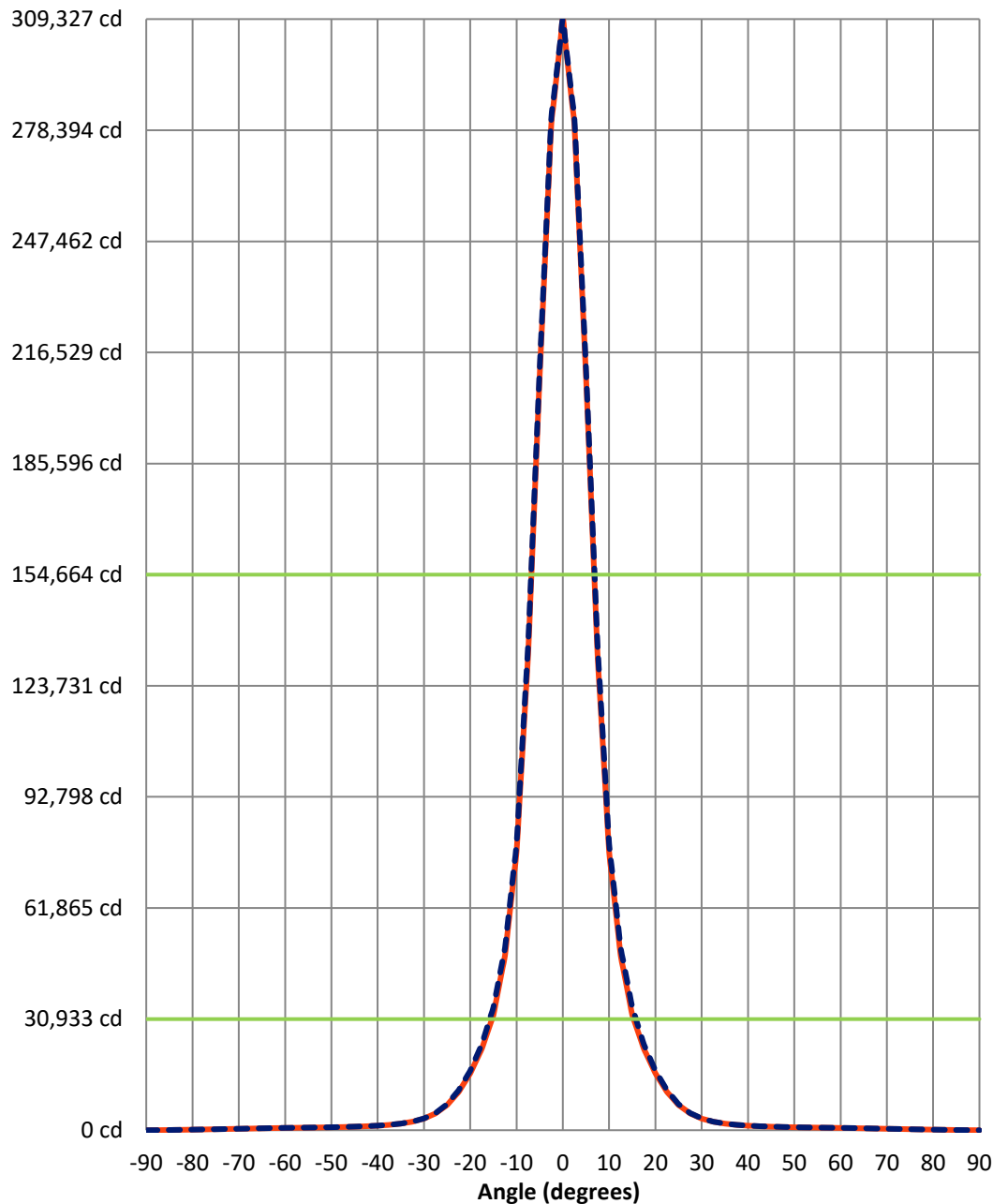
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 9711.1
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 21854
 Efficiency: 66.5%

Spill:
 Lumens: 10992
 Efficiency: 33.5%

— 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	1.0	2.3	3.5	4.6	5.7	6.9	8.0	9.1	10.1	11.2
85°	0.0	2.0	4.6	6.9	9.2	11.5	13.7	15.9	18.1	20.3	22.4
82.5°	0.0	3.0	6.9	10.3	13.8	17.2	20.5	23.8	27.4	32.3	37.0
80°	0.0	4.0	9.2	13.8	18.3	22.8	27.7	34.4	40.9	47.4	53.7
77.5°	0.0	5.0	11.4	17.2	22.8	29.3	37.8	46.1	54.3	62.3	70.9
75°	0.0	6.0	13.6	20.5	27.6	37.3	47.7	57.8	67.8	79.0	90.1
72.5°	0.0	6.9	15.7	23.8	33.6	45.1	57.4	69.8	83.1	96.1	109.0
70°	0.0	7.9	17.8	27.3	39.5	52.8	67.2	83.1	98.2	113.1	129.9
67.5°	0.0	8.8	19.9	31.5	45.3	60.3	78.3	96.1	113.1	132.2	151.0
65°	0.0	9.7	21.9	35.6	51.0	68.5	89.1	109.0	129.9	151.0	173.2
62.5°	0.0	10.5	23.8	39.6	56.5	77.4	99.8	122.9	146.3	170.2	198.1
60°	0.0	11.4	25.6	43.4	61.8	86.0	110.2	137.0	162.4	191.6	222.2
57.5°	0.0	12.2	28.0	47.2	68.5	94.5	121.7	150.7	180.1	212.3	245.6
55°	0.0	13.0	30.3	50.8	75.0	102.7	132.9	163.9	197.6	232.3	268.1
52.5°	0.0	13.7	32.6	54.3	81.4	110.8	143.9	178.1	214.4	251.4	289.7
50°	0.0	14.4	34.8	57.6	87.5	119.7	154.5	192.1	230.5	269.8	310.4
47.5°	0.0	15.1	37.0	61.1	93.5	128.1	164.9	205.5	245.9	287.2	330.7
45°	0.0	15.7	39.1	65.3	99.1	136.3	175.9	218.4	260.6	305.1	350.6
42.5°	0.0	16.3	41.1	69.4	104.5	144.1	186.4	230.7	274.8	322.4	369.9
40°	0.0	16.9	43.0	73.3	110.0	151.5	196.5	242.5	288.7	339.2	388.6
37.5°	0.0	17.4	44.8	77.1	115.6	158.5	206.0	253.7	302.6	354.8	406.7
35°	0.0	17.9	46.6	80.7	120.9	165.6	215.0	264.2	315.5	369.5	424.2
32.5°	0.0	18.3	48.3	84.1	125.8	172.6	223.4	274.1	327.4	383.3	439.4
30°	0.0	18.7	49.8	87.3	130.4	179.1	231.2	283.4	338.2	396.0	453.2
27.5°	0.0	19.0	51.3	90.2	134.9	185.1	238.5	292.2	348.3	407.8	465.7
25°	0.0	19.3	52.7	92.9	139.0	190.6	245.1	300.1	357.8	418.2	476.7
22.5°	0.0	19.6	53.9	95.3	142.8	195.6	251.1	307.1	366.3	427.1	486.2
20°	0.0	19.8	55.1	97.6	146.2	199.9	256.5	313.3	373.9	434.9	494.8
17.5°	0.0	19.9	56.1	99.5	149.2	203.5	260.9	318.6	380.4	441.4	502.5
15°	0.0	20.0	57.0	101.2	151.8	206.5	264.5	323.2	386.0	446.7	509.1
12.5°	0.0	20.1	57.8	102.7	154.0	208.9	267.5	327.6	390.7	450.7	514.6
10°	0.0	20.2	58.4	103.9	155.8	210.7	269.7	331.2	394.3	455.1	519.9
7.5°	0.0	20.2	58.9	104.8	157.3	211.9	271.3	334.1	396.7	458.9	526.0
5°	0.0	20.1	59.3	105.5	158.3	212.5	272.1	336.2	398.1	461.6	530.9
2.5°	0.0	20.0	59.5	105.9	158.9	212.6	272.2	337.6	398.3	463.3	534.5
0°	0.0	19.9	59.6	106.0	159.1	212.1	271.7	338.0	397.6	463.9	536.8
-2.5°	0.0	20.0	59.5	105.9	158.9	212.6	272.2	337.6	398.3	463.3	534.5
-5°	0.0	20.1	59.3	105.5	158.3	212.5	272.1	336.2	398.1	461.6	530.9
-7.5°	0.0	20.2	58.9	104.8	157.3	211.9	271.3	334.1	396.7	458.9	526.0
-10°	0.0	20.2	58.4	103.9	155.8	210.7	269.7	331.2	394.3	455.1	519.9
-12.5°	0.0	20.1	57.8	102.7	154.0	208.9	267.5	327.6	390.7	450.7	514.6
-15°	0.0	20.0	57.0	101.2	151.8	206.5	264.5	323.2	386.0	446.7	509.1
-17.5°	0.0	19.9	56.1	99.5	149.2	203.5	260.9	318.6	380.4	441.4	502.5
-20°	0.0	19.8	55.1	97.6	146.2	199.9	256.5	313.3	373.9	434.9	494.8

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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	19.6	53.9	95.3	142.8	195.6	251.1	307.1	366.3	427.1	486.2
-25°	0.0	19.3	52.7	92.9	139.0	190.6	245.1	300.1	357.8	418.2	476.7
-27.5°	0.0	19.0	51.3	90.2	134.9	185.1	238.5	292.2	348.3	407.8	465.7
-30°	0.0	18.7	49.8	87.3	130.4	179.1	231.2	283.4	338.2	396.0	453.2
-32.5°	0.0	18.3	48.3	84.1	125.8	172.6	223.4	274.1	327.4	383.3	439.4
-35°	0.0	17.9	46.6	80.7	120.9	165.6	215.0	264.2	315.5	369.5	424.2
-37.5°	0.0	17.4	44.8	77.1	115.6	158.5	206.0	253.7	302.6	354.8	406.7
-40°	0.0	16.9	43.0	73.3	110.0	151.5	196.5	242.5	288.7	339.2	388.6
-42.5°	0.0	16.3	41.1	69.4	104.5	144.1	186.4	230.7	274.8	322.4	369.9
-45°	0.0	15.7	39.1	65.3	99.1	136.3	175.9	218.4	260.6	305.1	350.6
-47.5°	0.0	15.1	37.0	61.1	93.5	128.1	164.9	205.5	245.9	287.2	330.7
-50°	0.0	14.4	34.8	57.6	87.5	119.7	154.5	192.1	230.5	269.8	310.4
-52.5°	0.0	13.7	32.6	54.3	81.4	110.8	143.9	178.1	214.4	251.4	289.7
-55°	0.0	13.0	30.3	50.8	75.0	102.7	132.9	163.9	197.6	232.3	268.1
-57.5°	0.0	12.2	28.0	47.2	68.5	94.5	121.7	150.7	180.1	212.3	245.6
-60°	0.0	11.4	25.6	43.4	61.8	86.0	110.2	137.0	162.4	191.6	222.2
-62.5°	0.0	10.5	23.8	39.6	56.5	77.4	99.8	122.9	146.3	170.2	198.1
-65°	0.0	9.7	21.9	35.6	51.0	68.5	89.1	109.0	129.9	151.0	173.2
-67.5°	0.0	8.8	19.9	31.5	45.3	60.3	78.3	96.1	113.1	132.2	151.0
-70°	0.0	7.9	17.8	27.3	39.5	52.8	67.2	83.1	98.2	113.1	129.9
-72.5°	0.0	6.9	15.7	23.8	33.6	45.1	57.4	69.8	83.1	96.1	109.0
-75°	0.0	6.0	13.6	20.5	27.6	37.3	47.7	57.8	67.8	79.0	90.1
-77.5°	0.0	5.0	11.4	17.2	22.8	29.3	37.8	46.1	54.3	62.3	70.9
-80°	0.0	4.0	9.2	13.8	18.3	22.8	27.7	34.4	40.9	47.4	53.7
-82.5°	0.0	3.0	6.9	10.3	13.8	17.2	20.5	23.8	27.4	32.3	37.0
-85°	0.0	2.0	4.6	6.9	9.2	11.5	13.7	15.9	18.1	20.3	22.4
-87.5°	0.0	1.0	2.3	3.5	4.6	5.7	6.9	8.0	9.1	10.1	11.2
-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°	12.2	13.2	14.2	15.2	16.1	17.0	17.9	18.7	19.5	20.3	21.0
85°	24.4	26.5	29.4	32.3	34.8	36.9	38.7	40.2	42.9	45.8	48.8
82.5°	41.7	46.3	50.7	55.1	58.0	60.4	62.6	66.0	71.9	77.5	82.7
80°	59.9	66.0	72.9	79.6	85.3	91.1	97.1	103.3	109.7	115.8	121.6
77.5°	80.0	88.8	97.4	105.9	114.2	123.2	132.0	140.3	148.4	156.0	163.3
75°	100.9	111.5	123.2	134.7	145.9	156.7	167.4	178.7	189.6	199.9	209.8
72.5°	122.9	137.0	150.8	164.3	178.8	193.0	206.7	220.0	232.9	246.4	260.6
70°	146.3	162.4	180.4	197.6	213.8	230.8	247.8	262.4	276.4	295.0	314.0
67.5°	170.4	192.2	212.4	231.8	253.5	273.5	290.8	309.4	329.3	350.7	369.6
65°	198.8	222.5	246.0	270.5	295.5	316.4	338.1	361.1	383.6	405.0	425.4
62.5°	226.8	253.5	280.6	307.4	333.1	358.1	384.2	409.9	434.6	459.5	481.5
60°	253.8	284.1	312.7	340.7	369.9	400.9	429.9	458.3	487.9	516.1	530.9
57.5°	279.9	312.3	342.2	373.6	407.8	442.9	473.3	505.5	530.9	550.4	569.6
55°	304.4	338.1	370.9	406.2	443.3	479.8	513.7	542.4	565.8	583.7	604.0
52.5°	327.4	362.9	398.6	437.1	476.6	515.4	550.9	577.8	598.8	617.2	636.2
50°	350.0	387.3	424.9	467.2	509.5	550.8	585.6	610.2	630.0	648.9	668.4
47.5°	372.1	411.2	451.9	496.9	542.7	582.6	615.5	638.0	658.1	680.2	701.6
45°	393.8	436.2	479.3	527.6	573.6	612.1	640.0	662.5	687.3	711.2	734.2
42.5°	415.1	460.8	507.4	557.6	602.0	636.7	662.8	689.4	716.1	741.6	767.4
40°	436.5	484.4	533.8	583.7	628.4	658.3	686.0	714.6	744.1	771.8	800.4
37.5°	457.0	506.6	557.5	608.0	648.6	678.9	707.6	739.2	770.3	800.5	837.9
35°	476.5	526.8	578.2	627.0	666.1	697.4	729.5	762.9	795.5	834.5	877.1
32.5°	493.9	544.9	597.1	642.5	680.7	714.6	750.6	785.4	824.6	868.8	919.9
30°	508.6	560.8	613.1	657.5	694.9	730.6	769.7	808.1	854.0	907.1	967.8
27.5°	521.5	575.1	625.9	670.3	708.3	744.0	785.1	833.6	886.1	945.8	1017.0
25°	533.6	589.5	638.0	682.1	719.1	756.3	800.4	854.0	917.2	989.0	1076.3
22.5°	545.0	603.4	650.3	693.2	727.5	767.7	817.4	875.7	944.4	1028.5	1134.8
20°	555.9	613.7	660.1	702.0	733.8	777.7	832.4	894.6	972.7	1073.0	1196.0
17.5°	565.9	622.6	667.8	707.2	742.1	788.3	845.6	910.1	997.3	1113.5	1252.1
15°	575.0	630.0	673.9	711.4	749.5	799.4	859.3	929.2	1024.4	1152.0	1301.9
12.5°	583.1	636.0	678.7	714.6	755.4	808.5	871.6	949.1	1053.7	1189.8	1365.0
10°	590.0	640.6	682.0	716.9	759.9	815.4	881.7	965.2	1077.0	1219.1	1413.6
7.5°	595.8	644.3	684.2	718.1	762.8	820.3	889.7	977.6	1093.3	1240.0	1448.6
5°	599.9	647.2	687.0	722.2	767.2	824.1	895.5	986.0	1102.9	1252.4	1470.5
2.5°	602.3	648.9	688.6	726.1	772.1	827.4	899.8	995.3	1110.6	1264.5	1487.1
0°	603.1	649.5	689.2	729.0	775.4	828.4	901.3	1000.7	1113.4	1272.5	1497.8
-2.5°	602.3	648.9	688.6	726.1	772.1	827.4	899.8	995.3	1110.6	1264.5	1487.1
-5°	599.9	647.2	687.0	722.2	767.2	824.1	895.5	986.0	1102.9	1252.4	1470.5
-7.5°	595.8	644.3	684.2	718.1	762.8	820.3	889.7	977.6	1093.3	1240.0	1448.6
-10°	590.0	640.6	682.0	716.9	759.9	815.4	881.7	965.2	1077.0	1219.1	1413.6
-12.5°	583.1	636.0	678.7	714.6	755.4	808.5	871.6	949.1	1053.7	1189.8	1365.0
-15°	575.0	630.0	673.9	711.4	749.5	799.4	859.3	929.2	1024.4	1152.0	1301.9
-17.5°	565.9	622.6	667.8	707.2	742.1	788.3	845.6	910.1	997.3	1113.5	1252.1
-20°	555.9	613.7	660.1	702.0	733.8	777.7	832.4	894.6	972.7	1073.0	1196.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627509 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-730-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°	545.0	603.4	650.3	693.2	727.5	767.7	817.4	875.7	944.4	1028.5	1134.8
-25°	533.6	589.5	638.0	682.1	719.1	756.3	800.4	854.0	917.2	989.0	1076.3
-27.5°	521.5	575.1	625.9	670.3	708.3	744.0	785.1	833.6	886.1	945.8	1017.0
-30°	508.6	560.8	613.1	657.5	694.9	730.6	769.7	808.1	854.0	907.1	967.8
-32.5°	493.9	544.9	597.1	642.5	680.7	714.6	750.6	785.4	824.6	868.8	919.9
-35°	476.5	526.8	578.2	627.0	666.1	697.4	729.5	762.9	795.5	834.5	877.1
-37.5°	457.0	506.6	557.5	608.0	648.6	678.9	707.6	739.2	770.3	800.5	837.9
-40°	436.5	484.4	533.8	583.7	628.4	658.3	686.0	714.6	744.1	771.8	800.4
-42.5°	415.1	460.8	507.4	557.6	602.0	636.7	662.8	689.4	716.1	741.6	767.4
-45°	393.8	436.2	479.3	527.6	573.6	612.1	640.0	662.5	687.3	711.2	734.2
-47.5°	372.1	411.2	451.9	496.9	542.7	582.6	615.5	638.0	658.1	680.2	701.6
-50°	350.0	387.3	424.9	467.2	509.5	550.8	585.6	610.2	630.0	648.9	668.4
-52.5°	327.4	362.9	398.6	437.1	476.6	515.4	550.9	577.8	598.8	617.2	636.2
-55°	304.4	338.1	370.9	406.2	443.3	479.8	513.7	542.4	565.8	583.7	604.0
-57.5°	279.9	312.3	342.2	373.6	407.8	442.9	473.3	505.5	530.9	550.4	569.6
-60°	253.8	284.1	312.7	340.7	369.9	400.9	429.9	458.3	487.9	516.1	530.9
-62.5°	226.8	253.5	280.6	307.4	333.1	358.1	384.2	409.9	434.6	459.5	481.5
-65°	198.8	222.5	246.0	270.5	295.5	316.4	338.1	361.1	383.6	405.0	425.4
-67.5°	170.4	192.2	212.4	231.8	253.5	273.5	290.8	309.4	329.3	350.7	369.6
-70°	146.3	162.4	180.4	197.6	213.8	230.8	247.8	262.4	276.4	295.0	314.0
-72.5°	122.9	137.0	150.8	164.3	178.8	193.0	206.7	220.0	232.9	246.4	260.6
-75°	100.9	111.5	123.2	134.7	145.9	156.7	167.4	178.7	189.6	199.9	209.8
-77.5°	80.0	88.8	97.4	105.9	114.2	123.2	132.0	140.3	148.4	156.0	163.3
-80°	59.9	66.0	72.9	79.6	85.3	91.1	97.1	103.3	109.7	115.8	121.6
-82.5°	41.7	46.3	50.7	55.1	58.0	60.4	62.6	66.0	71.9	77.5	82.7
-85°	24.4	26.5	29.4	32.3	34.8	36.9	38.7	40.2	42.9	45.8	48.8
-87.5°	12.2	13.2	14.2	15.2	16.1	17.0	17.9	18.7	19.5	20.3	21.0
-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: P627509 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-730-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°	21.7	22.3	22.9	23.5	24.0	24.5	24.9	25.3	25.6	24.3	22.9
85°	51.8	53.8	55.6	57.3	58.8	60.2	61.5	62.6	63.6	62.8	61.8
82.5°	87.3	90.8	94.0	96.9	99.6	102.0	104.3	106.2	107.9	107.8	107.3
80°	127.1	132.7	138.5	144.1	149.6	153.0	155.4	157.3	158.5	159.1	159.2
77.5°	170.8	179.5	188.7	197.7	206.6	211.7	215.3	218.3	220.8	221.3	220.8
75°	219.1	230.5	243.0	254.0	263.4	269.2	273.3	276.7	279.5	280.2	279.9
72.5°	275.4	289.4	300.6	309.9	317.9	324.2	329.2	333.6	337.1	338.5	338.7
70°	330.8	344.6	355.3	364.7	372.5	379.0	385.1	390.3	394.6	397.8	400.1
67.5°	386.9	402.7	413.6	422.1	428.8	435.6	443.7	450.7	456.6	460.5	462.5
65°	444.5	460.8	471.4	480.7	488.8	497.5	506.5	513.1	517.4	520.1	521.9
62.5°	500.3	515.5	528.8	541.1	552.9	562.7	568.9	574.4	579.1	583.1	586.1
60°	548.1	567.6	582.5	594.2	605.8	616.9	624.5	630.5	635.2	638.7	640.9
57.5°	589.0	608.8	626.3	637.8	650.3	663.7	672.5	677.5	682.2	686.2	688.0
55°	624.8	643.0	659.1	674.8	688.9	700.9	710.2	717.1	722.8	727.3	728.8
52.5°	656.9	676.8	695.7	712.4	726.2	737.7	747.0	755.4	761.9	766.2	768.2
50°	690.7	712.1	732.4	750.6	764.8	777.7	789.2	799.2	808.7	816.2	821.6
47.5°	723.9	746.7	769.1	789.2	806.2	824.9	841.7	855.8	869.7	881.0	888.7
45°	757.5	783.7	808.1	834.0	857.1	881.5	904.3	923.8	943.9	959.1	969.4
42.5°	794.6	824.6	854.0	886.1	917.6	949.4	983.8	1014.5	1038.2	1060.5	1078.6
40°	834.5	868.8	907.1	946.6	992.9	1035.0	1081.2	1120.9	1156.8	1194.8	1225.0
37.5°	877.1	919.9	970.2	1023.0	1082.9	1140.5	1200.9	1260.2	1312.1	1373.2	1419.8
35°	924.2	981.2	1043.2	1114.6	1189.2	1271.7	1354.3	1449.8	1531.9	1622.4	1701.1
32.5°	979.8	1047.9	1129.2	1223.4	1319.3	1444.4	1561.3	1713.3	1844.7	1988.2	2132.7
30°	1037.0	1126.0	1231.1	1349.7	1502.1	1674.2	1866.0	2092.1	2325.2	2550.7	2822.8
27.5°	1107.9	1215.4	1342.6	1515.9	1740.3	1972.8	2302.6	2642.0	3070.5	3424.8	3924.5
25°	1181.7	1308.1	1488.8	1724.6	2017.5	2421.1	2921.5	3463.9	4217.7	4880.0	5656.8
22.5°	1261.9	1432.6	1657.4	1948.4	2392.5	3012.0	3769.7	4790.9	5902.8	7083.3	8257.6
20°	1345.4	1552.0	1846.6	2268.4	2877.8	3716.9	5017.7	6594.0	8182.5	10130.4	11855.2
17.5°	1442.2	1705.1	2068.2	2595.7	3409.0	4694.2	6498.7	8699.4	11163.8	13964.5	16451.1
15°	1522.8	1836.3	2294.6	3032.7	4151.1	5801.6	8077.4	11104.7	14808.1	18569.5	22385.7
12.5°	1616.5	1979.1	2517.3	3397.3	4802.0	6995.6	10093.2	13925.0	18550.1	23767.3	29917.8
10°	1699.6	2119.2	2788.3	3877.6	5594.3	8240.8	12000.2	16610.1	22578.8	30085.2	39609.7
7.5°	1761.2	2230.8	2997.5	4243.1	6279.3	9438.0	13801.9	19550.5	27134.7	37046.9	50118.4
5°	1801.2	2311.5	3145.5	4525.1	6815.4	10329.0	15122.4	21635.9	30785.7	44804.9	66939.8
2.5°	1825.1	2359.2	3230.0	4690.5	7141.4	10919.4	16127.0	23212.9	33151.9	49599.3	77759.1
0°	1835.8	2372.6	3280.6	4778.4	7250.4	11147.3	16588.4	23931.5	34210.6	50719.5	79661.3
-2.5°	1825.1	2359.2	3230.0	4690.5	7141.4	10919.4	16127.0	23212.9	33151.9	49599.3	77759.1
-5°	1801.2	2311.5	3145.5	4525.1	6815.4	10329.0	15122.4	21635.9	30785.7	44804.9	66939.8
-7.5°	1761.2	2230.8	2997.5	4243.1	6279.3	9438.0	13801.9	19550.5	27134.7	37046.9	50118.4
-10°	1699.6	2119.2	2788.3	3877.6	5594.3	8240.8	12000.2	16610.1	22578.8	30085.2	39609.7
-12.5°	1616.5	1979.1	2517.3	3397.3	4802.0	6995.6	10093.2	13925.0	18550.1	23767.3	29917.8
-15°	1522.8	1836.3	2294.6	3032.7	4151.1	5801.6	8077.4	11104.7	14808.1	18569.5	22385.7
-17.5°	1442.2	1705.1	2068.2	2595.7	3409.0	4694.2	6498.7	8699.4	11163.8	13964.5	16451.1
-20°	1345.4	1552.0	1846.6	2268.4	2877.8	3716.9	5017.7	6594.0	8182.5	10130.4	11855.2

Classified

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627509 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1261.9	1432.6	1657.4	1948.4	2392.5	3012.0	3769.7	4790.9	5902.8	7083.3	8257.6
-25°	1181.7	1308.1	1488.8	1724.6	2017.5	2421.1	2921.5	3463.9	4217.7	4880.0	5656.8
-27.5°	1107.9	1215.4	1342.6	1515.9	1740.3	1972.8	2302.6	2642.0	3070.5	3424.8	3924.5
-30°	1037.0	1126.0	1231.1	1349.7	1502.1	1674.2	1866.0	2092.1	2325.2	2550.7	2822.8
-32.5°	979.8	1047.9	1129.2	1223.4	1319.3	1444.4	1561.3	1713.3	1844.7	1988.2	2132.7
-35°	924.2	981.2	1043.2	1114.6	1189.2	1271.7	1354.3	1449.8	1531.9	1622.4	1701.1
-37.5°	877.1	919.9	970.2	1023.0	1082.9	1140.5	1200.9	1260.2	1312.1	1373.2	1419.8
-40°	834.5	868.8	907.1	946.6	992.9	1035.0	1081.2	1120.9	1156.8	1194.8	1225.0
-42.5°	794.6	824.6	854.0	886.1	917.6	949.4	983.8	1014.5	1038.2	1060.5	1078.6
-45°	757.5	783.7	808.1	834.0	857.1	881.5	904.3	923.8	943.9	959.1	969.4
-47.5°	723.9	746.7	769.1	789.2	806.2	824.9	841.7	855.8	869.7	881.0	888.7
-50°	690.7	712.1	732.4	750.6	764.8	777.7	789.2	799.2	808.7	816.2	821.6
-52.5°	656.9	676.8	695.7	712.4	726.2	737.7	747.0	755.4	761.9	766.2	768.2
-55°	624.8	643.0	659.1	674.8	688.9	700.9	710.2	717.1	722.8	727.3	728.8
-57.5°	589.0	608.8	626.3	637.8	650.3	663.7	672.5	677.5	682.2	686.2	688.0
-60°	548.1	567.6	582.5	594.2	605.8	616.9	624.5	630.5	635.2	638.7	640.9
-62.5°	500.3	515.5	528.8	541.1	552.9	562.7	568.9	574.4	579.1	583.1	586.1
-65°	444.5	460.8	471.4	480.7	488.8	497.5	506.5	513.1	517.4	520.1	521.9
-67.5°	386.9	402.7	413.6	422.1	428.8	435.6	443.7	450.7	456.6	460.5	462.5
-70°	330.8	344.6	355.3	364.7	372.5	379.0	385.1	390.3	394.6	397.8	400.1
-72.5°	275.4	289.4	300.6	309.9	317.9	324.2	329.2	333.6	337.1	338.5	338.7
-75°	219.1	230.5	243.0	254.0	263.4	269.2	273.3	276.7	279.5	280.2	279.9
-77.5°	170.8	179.5	188.7	197.7	206.6	211.7	215.3	218.3	220.8	221.3	220.8
-80°	127.1	132.7	138.5	144.1	149.6	153.0	155.4	157.3	158.5	159.1	159.2
-82.5°	87.3	90.8	94.0	96.9	99.6	102.0	104.3	106.2	107.9	107.8	107.3
-85°	51.8	53.8	55.6	57.3	58.8	60.2	61.5	62.6	63.6	62.8	61.8
-87.5°	21.7	22.3	22.9	23.5	24.0	24.5	24.9	25.3	25.6	24.3	22.9
-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: P627509 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-730-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°	21.4	19.8	19.9	19.9	19.9	19.8	21.4	22.9	24.3	25.6	25.3
85°	60.6	59.3	59.5	59.6	59.5	59.3	60.6	61.8	62.8	63.6	62.6
82.5°	106.5	105.5	105.9	106.0	105.9	105.5	106.5	107.3	107.8	107.9	106.2
80°	159.0	158.3	155.6	152.4	155.6	158.3	159.0	159.2	159.1	158.5	157.3
77.5°	219.6	217.7	215.2	212.1	215.2	217.7	219.6	220.8	221.3	220.8	218.3
75°	278.9	277.2	278.0	278.4	278.0	277.2	278.9	279.9	280.2	279.5	276.7
72.5°	338.1	336.7	337.6	338.0	337.6	336.7	338.1	338.7	338.5	337.1	333.6
70°	401.7	402.4	400.7	397.6	400.7	402.4	401.7	400.1	397.8	394.6	390.3
67.5°	463.0	462.3	460.3	457.3	460.3	462.3	463.0	462.5	460.5	456.6	450.7
65°	522.5	521.9	523.0	523.6	523.0	521.9	522.5	521.9	520.1	517.4	513.1
62.5°	587.6	587.6	586.2	583.2	586.2	587.6	587.6	586.1	583.1	579.1	574.4
60°	641.7	641.2	639.4	636.2	639.4	641.2	641.7	640.9	638.7	635.2	630.5
57.5°	688.6	687.9	685.9	682.6	685.9	687.9	688.6	688.0	686.2	682.2	677.5
55°	729.0	728.0	725.8	722.4	725.8	728.0	729.0	728.8	727.3	722.8	717.1
52.5°	768.7	767.8	768.1	768.8	768.1	767.8	768.7	768.2	766.2	761.9	755.4
50°	824.9	826.1	825.1	821.8	825.1	826.1	824.9	821.6	816.2	808.7	799.2
47.5°	892.4	892.8	891.2	888.1	891.2	892.8	892.4	888.7	881.0	869.7	855.8
45°	977.4	982.3	983.5	980.9	983.5	982.3	977.4	969.4	959.1	943.9	923.8
42.5°	1092.5	1100.1	1102.2	1100.1	1102.2	1100.1	1092.5	1078.6	1060.5	1038.2	1014.5
40°	1243.5	1252.1	1253.8	1252.6	1253.8	1252.1	1243.5	1225.0	1194.8	1156.8	1120.9
37.5°	1452.6	1473.6	1483.4	1484.5	1483.4	1473.6	1452.6	1419.8	1373.2	1312.1	1260.2
35°	1761.1	1802.8	1825.0	1835.8	1825.0	1802.8	1761.1	1701.1	1622.4	1531.9	1449.8
32.5°	2242.1	2325.5	2371.6	2366.0	2371.6	2325.5	2242.1	2132.7	1988.2	1844.7	1713.3
30°	3027.9	3173.6	3247.0	3227.5	3247.0	3173.6	3027.9	2822.8	2550.7	2325.2	2092.1
27.5°	4283.3	4546.8	4699.1	4678.9	4699.1	4546.8	4283.3	3924.5	3424.8	3070.5	2642.0
25°	6306.2	6786.9	7094.6	7018.4	7094.6	6786.9	6306.2	5656.8	4880.0	4217.7	3463.9
22.5°	9383.3	10197.7	10736.6	10670.1	10736.6	10197.7	9383.3	8257.6	7083.3	5902.8	4790.9
20°	13604.3	14843.8	15728.9	15846.1	15728.9	14843.8	13604.3	11855.2	10130.4	8182.5	6594.0
17.5°	19137.2	21102.5	22470.5	22698.8	22470.5	21102.5	19137.2	16451.1	13964.5	11163.8	8699.4
15°	26327.9	29540.1	31864.9	32056.7	31864.9	29540.1	26327.9	22385.7	18569.5	14808.1	11104.7
12.5°	36091.9	42552.5	46768.9	48625.2	46768.9	42552.5	36091.9	29917.8	23767.3	18550.1	13925.0
10°	49604.7	64444.4	73948.0	77520.7	73948.0	64444.4	49604.7	39609.7	30085.2	22578.8	16610.1
7.5°	72175.2	95473.9	121375.9	132415.5	121375.9	95473.9	72175.2	50118.4	37046.9	27134.7	19550.5
5°	97734.6	146088.6	192081.9	210042.2	192081.9	146088.6	97734.6	66939.8	44804.9	30785.7	21635.9
2.5°	124629.6	192028.1	255185.5	279885.0	255185.5	192028.1	124629.6	77759.1	49599.3	33151.9	23212.9
0°	135132.7	212143.1	281631.4	309327.2	281631.4	212143.1	135132.7	79661.3	50719.5	34210.6	23931.5
-2.5°	124629.6	192028.1	255185.5	279885.0	255185.5	192028.1	124629.6	77759.1	49599.3	33151.9	23212.9
-5°	97734.6	146088.6	192081.9	210042.2	192081.9	146088.6	97734.6	66939.8	44804.9	30785.7	21635.9
-7.5°	72175.2	95473.9	121375.9	132415.5	121375.9	95473.9	72175.2	50118.4	37046.9	27134.7	19550.5
-10°	49604.7	64444.4	73948.0	77520.7	73948.0	64444.4	49604.7	39609.7	30085.2	22578.8	16610.1
-12.5°	36091.9	42552.5	46768.9	48625.2	46768.9	42552.5	36091.9	29917.8	23767.3	18550.1	13925.0
-15°	26327.9	29540.1	31864.9	32056.7	31864.9	29540.1	26327.9	22385.7	18569.5	14808.1	11104.7
-17.5°	19137.2	21102.5	22470.5	22698.8	22470.5	21102.5	19137.2	16451.1	13964.5	11163.8	8699.4
-20°	13604.3	14843.8	15728.9	15846.1	15728.9	14843.8	13604.3	11855.2	10130.4	8182.5	6594.0



REPORT NUMBER: P627509 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-730-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°	9383.3	10197.7	10736.6	10670.1	10736.6	10197.7	9383.3	8257.6	7083.3	5902.8	4790.9
-25°	6306.2	6786.9	7094.6	7018.4	7094.6	6786.9	6306.2	5656.8	4880.0	4217.7	3463.9
-27.5°	4283.3	4546.8	4699.1	4678.9	4699.1	4546.8	4283.3	3924.5	3424.8	3070.5	2642.0
-30°	3027.9	3173.6	3247.0	3227.5	3247.0	3173.6	3027.9	2822.8	2550.7	2325.2	2092.1
-32.5°	2242.1	2325.5	2371.6	2366.0	2371.6	2325.5	2242.1	2132.7	1988.2	1844.7	1713.3
-35°	1761.1	1802.8	1825.0	1835.8	1825.0	1802.8	1761.1	1701.1	1622.4	1531.9	1449.8
-37.5°	1452.6	1473.6	1483.4	1484.5	1483.4	1473.6	1452.6	1419.8	1373.2	1312.1	1260.2
-40°	1243.5	1252.1	1253.8	1252.6	1253.8	1252.1	1243.5	1225.0	1194.8	1156.8	1120.9
-42.5°	1092.5	1100.1	1102.2	1100.1	1102.2	1100.1	1092.5	1078.6	1060.5	1038.2	1014.5
-45°	977.4	982.3	983.5	980.9	983.5	982.3	977.4	969.4	959.1	943.9	923.8
-47.5°	892.4	892.8	891.2	888.1	891.2	892.8	892.4	888.7	881.0	869.7	855.8
-50°	824.9	826.1	825.1	821.8	825.1	826.1	824.9	821.6	816.2	808.7	799.2
-52.5°	768.7	767.8	768.1	768.8	768.1	767.8	768.7	768.2	766.2	761.9	755.4
-55°	729.0	728.0	725.8	722.4	725.8	728.0	729.0	728.8	727.3	722.8	717.1
-57.5°	688.6	687.9	685.9	682.6	685.9	687.9	688.6	688.0	686.2	682.2	677.5
-60°	641.7	641.2	639.4	636.2	639.4	641.2	641.7	640.9	638.7	635.2	630.5
-62.5°	587.6	587.6	586.2	583.2	586.2	587.6	587.6	586.1	583.1	579.1	574.4
-65°	522.5	521.9	523.0	523.6	523.0	521.9	522.5	521.9	520.1	517.4	513.1
-67.5°	463.0	462.3	460.3	457.3	460.3	462.3	463.0	462.5	460.5	456.6	450.7
-70°	401.7	402.4	400.7	397.6	400.7	402.4	401.7	400.1	397.8	394.6	390.3
-72.5°	338.1	336.7	337.6	338.0	337.6	336.7	338.1	338.7	338.5	337.1	333.6
-75°	278.9	277.2	278.0	278.4	278.0	277.2	278.9	279.9	280.2	279.5	276.7
-77.5°	219.6	217.7	215.2	212.1	215.2	217.7	219.6	220.8	221.3	220.8	218.3
-80°	159.0	158.3	155.6	152.4	155.6	158.3	159.0	159.2	159.1	158.5	157.3
-82.5°	106.5	105.5	105.9	106.0	105.9	105.5	106.5	107.3	107.8	107.9	106.2
-85°	60.6	59.3	59.5	59.6	59.5	59.3	60.6	61.8	62.8	63.6	62.6
-87.5°	21.4	19.8	19.9	19.9	19.9	19.8	21.4	22.9	24.3	25.6	25.3
-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: P627509 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-730-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°	24.9	24.5	24.0	23.5	22.9	22.3	21.7	21.0	20.3	19.5	18.7
85°	61.5	60.2	58.8	57.3	55.6	53.8	51.8	48.8	45.8	42.9	40.2
82.5°	104.3	102.0	99.6	96.9	94.0	90.8	87.3	82.7	77.5	71.9	66.0
80°	155.4	153.0	149.6	144.1	138.5	132.7	127.1	121.6	115.8	109.7	103.3
77.5°	215.3	211.7	206.6	197.7	188.7	179.5	170.8	163.3	156.0	148.4	140.3
75°	273.3	269.2	263.4	254.0	243.0	230.5	219.1	209.8	199.9	189.6	178.7
72.5°	329.2	324.2	317.9	309.9	300.6	289.4	275.4	260.6	246.4	232.9	220.0
70°	385.1	379.0	372.5	364.7	355.3	344.6	330.8	314.0	295.0	276.4	262.4
67.5°	443.7	435.6	428.8	422.1	413.6	402.7	386.9	369.6	350.7	329.3	309.4
65°	506.5	497.5	488.8	480.7	471.4	460.8	444.5	425.4	405.0	383.6	361.1
62.5°	568.9	562.7	552.9	541.1	528.8	515.5	500.3	481.5	459.5	434.6	409.9
60°	624.5	616.9	605.8	594.2	582.5	567.6	548.1	530.9	516.1	487.9	458.3
57.5°	672.5	663.7	650.3	637.8	626.3	608.8	589.0	569.6	550.4	530.9	505.5
55°	710.2	700.9	688.9	674.8	659.1	643.0	624.8	604.0	583.7	565.8	542.4
52.5°	747.0	737.7	726.2	712.4	695.7	676.8	656.9	636.2	617.2	598.8	577.8
50°	789.2	777.7	764.8	750.6	732.4	712.1	690.7	668.4	648.9	630.0	610.2
47.5°	841.7	824.9	806.2	789.2	769.1	746.7	723.9	701.6	680.2	658.1	638.0
45°	904.3	881.5	857.1	834.0	808.1	783.7	757.5	734.2	711.2	687.3	662.5
42.5°	983.8	949.4	917.6	886.1	854.0	824.6	794.6	767.4	741.6	716.1	689.4
40°	1081.2	1035.0	992.9	946.6	907.1	868.8	834.5	800.4	771.8	744.1	714.6
37.5°	1200.9	1140.5	1082.9	1023.0	970.2	919.9	877.1	837.9	800.5	770.3	739.2
35°	1354.3	1271.7	1189.2	1114.6	1043.2	981.2	924.2	877.1	834.5	795.5	762.9
32.5°	1561.3	1444.4	1319.3	1223.4	1129.2	1047.9	979.8	919.9	868.8	824.6	785.4
30°	1866.0	1674.2	1502.1	1349.7	1231.1	1126.0	1037.0	967.8	907.1	854.0	808.1
27.5°	2302.6	1972.8	1740.3	1515.9	1342.6	1215.4	1107.9	1017.0	945.8	886.1	833.6
25°	2921.5	2421.1	2017.5	1724.6	1488.8	1308.1	1181.7	1076.3	989.0	917.2	854.0
22.5°	3769.7	3012.0	2392.5	1948.4	1657.4	1432.6	1261.9	1134.8	1028.5	944.4	875.7
20°	5017.7	3716.9	2877.8	2268.4	1846.6	1552.0	1345.4	1196.0	1073.0	972.7	894.6
17.5°	6498.7	4694.2	3409.0	2595.7	2068.2	1705.1	1442.2	1252.1	1113.5	997.3	910.1
15°	8077.4	5801.6	4151.1	3032.7	2294.6	1836.3	1522.8	1301.9	1152.0	1024.4	929.2
12.5°	10093.2	6995.6	4802.0	3397.3	2517.3	1979.1	1616.5	1365.0	1189.8	1053.7	949.1
10°	12000.2	8240.8	5594.3	3877.6	2788.3	2119.2	1699.6	1413.6	1219.1	1077.0	965.2
7.5°	13801.9	9438.0	6279.3	4243.1	2997.5	2230.8	1761.2	1448.6	1240.0	1093.3	977.6
5°	15122.4	10329.0	6815.4	4525.1	3145.5	2311.5	1801.2	1470.5	1252.4	1102.9	986.0
2.5°	16127.0	10919.4	7141.4	4690.5	3230.0	2359.2	1825.1	1487.1	1264.5	1110.6	995.3
0°	16588.4	11147.3	7250.4	4778.4	3280.6	2372.6	1835.8	1497.8	1272.5	1113.4	1000.7
-2.5°	16127.0	10919.4	7141.4	4690.5	3230.0	2359.2	1825.1	1487.1	1264.5	1110.6	995.3
-5°	15122.4	10329.0	6815.4	4525.1	3145.5	2311.5	1801.2	1470.5	1252.4	1102.9	986.0
-7.5°	13801.9	9438.0	6279.3	4243.1	2997.5	2230.8	1761.2	1448.6	1240.0	1093.3	977.6
-10°	12000.2	8240.8	5594.3	3877.6	2788.3	2119.2	1699.6	1413.6	1219.1	1077.0	965.2
-12.5°	10093.2	6995.6	4802.0	3397.3	2517.3	1979.1	1616.5	1365.0	1189.8	1053.7	949.1
-15°	8077.4	5801.6	4151.1	3032.7	2294.6	1836.3	1522.8	1301.9	1152.0	1024.4	929.2
-17.5°	6498.7	4694.2	3409.0	2595.7	2068.2	1705.1	1442.2	1252.1	1113.5	997.3	910.1
-20°	5017.7	3716.9	2877.8	2268.4	1846.6	1552.0	1345.4	1196.0	1073.0	972.7	894.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627509 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3769.7	3012.0	2392.5	1948.4	1657.4	1432.6	1261.9	1134.8	1028.5	944.4	875.7
-25°	2921.5	2421.1	2017.5	1724.6	1488.8	1308.1	1181.7	1076.3	989.0	917.2	854.0
-27.5°	2302.6	1972.8	1740.3	1515.9	1342.6	1215.4	1107.9	1017.0	945.8	886.1	833.6
-30°	1866.0	1674.2	1502.1	1349.7	1231.1	1126.0	1037.0	967.8	907.1	854.0	808.1
-32.5°	1561.3	1444.4	1319.3	1223.4	1129.2	1047.9	979.8	919.9	868.8	824.6	785.4
-35°	1354.3	1271.7	1189.2	1114.6	1043.2	981.2	924.2	877.1	834.5	795.5	762.9
-37.5°	1200.9	1140.5	1082.9	1023.0	970.2	919.9	877.1	837.9	800.5	770.3	739.2
-40°	1081.2	1035.0	992.9	946.6	907.1	868.8	834.5	800.4	771.8	744.1	714.6
-42.5°	983.8	949.4	917.6	886.1	854.0	824.6	794.6	767.4	741.6	716.1	689.4
-45°	904.3	881.5	857.1	834.0	808.1	783.7	757.5	734.2	711.2	687.3	662.5
-47.5°	841.7	824.9	806.2	789.2	769.1	746.7	723.9	701.6	680.2	658.1	638.0
-50°	789.2	777.7	764.8	750.6	732.4	712.1	690.7	668.4	648.9	630.0	610.2
-52.5°	747.0	737.7	726.2	712.4	695.7	676.8	656.9	636.2	617.2	598.8	577.8
-55°	710.2	700.9	688.9	674.8	659.1	643.0	624.8	604.0	583.7	565.8	542.4
-57.5°	672.5	663.7	650.3	637.8	626.3	608.8	589.0	569.6	550.4	530.9	505.5
-60°	624.5	616.9	605.8	594.2	582.5	567.6	548.1	530.9	516.1	487.9	458.3
-62.5°	568.9	562.7	552.9	541.1	528.8	515.5	500.3	481.5	459.5	434.6	409.9
-65°	506.5	497.5	488.8	480.7	471.4	460.8	444.5	425.4	405.0	383.6	361.1
-67.5°	443.7	435.6	428.8	422.1	413.6	402.7	386.9	369.6	350.7	329.3	309.4
-70°	385.1	379.0	372.5	364.7	355.3	344.6	330.8	314.0	295.0	276.4	262.4
-72.5°	329.2	324.2	317.9	309.9	300.6	289.4	275.4	260.6	246.4	232.9	220.0
-75°	273.3	269.2	263.4	254.0	243.0	230.5	219.1	209.8	199.9	189.6	178.7
-77.5°	215.3	211.7	206.6	197.7	188.7	179.5	170.8	163.3	156.0	148.4	140.3
-80°	155.4	153.0	149.6	144.1	138.5	132.7	127.1	121.6	115.8	109.7	103.3
-82.5°	104.3	102.0	99.6	96.9	94.0	90.8	87.3	82.7	77.5	71.9	66.0
-85°	61.5	60.2	58.8	57.3	55.6	53.8	51.8	48.8	45.8	42.9	40.2
-87.5°	24.9	24.5	24.0	23.5	22.9	22.3	21.7	21.0	20.3	19.5	18.7
-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: P627509 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-730-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°	17.9	17.0	16.1	15.2	14.2	13.2	12.2	11.2	10.1	9.1	8.0
85°	38.7	36.9	34.8	32.3	29.4	26.5	24.4	22.4	20.3	18.1	15.9
82.5°	62.6	60.4	58.0	55.1	50.7	46.3	41.7	37.0	32.3	27.4	23.8
80°	97.1	91.1	85.3	79.6	72.9	66.0	59.9	53.7	47.4	40.9	34.4
77.5°	132.0	123.2	114.2	105.9	97.4	88.8	80.0	70.9	62.3	54.3	46.1
75°	167.4	156.7	145.9	134.7	123.2	111.5	100.9	90.1	79.0	67.8	57.8
72.5°	206.7	193.0	178.8	164.3	150.8	137.0	122.9	109.0	96.1	83.1	69.8
70°	247.8	230.8	213.8	197.6	180.4	162.4	146.3	129.9	113.1	98.2	83.1
67.5°	290.8	273.5	253.5	231.8	212.4	192.2	170.4	151.0	132.2	113.1	96.1
65°	338.1	316.4	295.5	270.5	246.0	222.5	198.8	173.2	151.0	129.9	109.0
62.5°	384.2	358.1	333.1	307.4	280.6	253.5	226.8	198.1	170.2	146.3	122.9
60°	429.9	400.9	369.9	340.7	312.7	284.1	253.8	222.2	191.6	162.4	137.0
57.5°	473.3	442.9	407.8	373.6	342.2	312.3	279.9	245.6	212.3	180.1	150.7
55°	513.7	479.8	443.3	406.2	370.9	338.1	304.4	268.1	232.3	197.6	163.9
52.5°	550.9	515.4	476.6	437.1	398.6	362.9	327.4	289.7	251.4	214.4	178.1
50°	585.6	550.8	509.5	467.2	424.9	387.3	350.0	310.4	269.8	230.5	192.1
47.5°	615.5	582.6	542.7	496.9	451.9	411.2	372.1	330.7	287.2	245.9	205.5
45°	640.0	612.1	573.6	527.6	479.3	436.2	393.8	350.6	305.1	260.6	218.4
42.5°	662.8	636.7	602.0	557.6	507.4	460.8	415.1	369.9	322.4	274.8	230.7
40°	686.0	658.3	628.4	583.7	533.8	484.4	436.5	388.6	339.2	288.7	242.5
37.5°	707.6	678.9	648.6	608.0	557.5	506.6	457.0	406.7	354.8	302.6	253.7
35°	729.5	697.4	666.1	627.0	578.2	526.8	476.5	424.2	369.5	315.5	264.2
32.5°	750.6	714.6	680.7	642.5	597.1	544.9	493.9	439.4	383.3	327.4	274.1
30°	769.7	730.6	694.9	657.5	613.1	560.8	508.6	453.2	396.0	338.2	283.4
27.5°	785.1	744.0	708.3	670.3	625.9	575.1	521.5	465.7	407.8	348.3	292.2
25°	800.4	756.3	719.1	682.1	638.0	589.5	533.6	476.7	418.2	357.8	300.1
22.5°	817.4	767.7	727.5	693.2	650.3	603.4	545.0	486.2	427.1	366.3	307.1
20°	832.4	777.7	733.8	702.0	660.1	613.7	555.9	494.8	434.9	373.9	313.3
17.5°	845.6	788.3	742.1	707.2	667.8	622.6	565.9	502.5	441.4	380.4	318.6
15°	859.3	799.4	749.5	711.4	673.9	630.0	575.0	509.1	446.7	386.0	323.2
12.5°	871.6	808.5	755.4	714.6	678.7	636.0	583.1	514.6	450.7	390.7	327.6
10°	881.7	815.4	759.9	716.9	682.0	640.6	590.0	519.9	455.1	394.3	331.2
7.5°	889.7	820.3	762.8	718.1	684.2	644.3	595.8	526.0	458.9	396.7	334.1
5°	895.5	824.1	767.2	722.2	687.0	647.2	599.9	530.9	461.6	398.1	336.2
2.5°	899.8	827.4	772.1	726.1	688.6	648.9	602.3	534.5	463.3	398.3	337.6
0°	901.3	828.4	775.4	729.0	689.2	649.5	603.1	536.8	463.9	397.6	338.0
-2.5°	899.8	827.4	772.1	726.1	688.6	648.9	602.3	534.5	463.3	398.3	337.6
-5°	895.5	824.1	767.2	722.2	687.0	647.2	599.9	530.9	461.6	398.1	336.2
-7.5°	889.7	820.3	762.8	718.1	684.2	644.3	595.8	526.0	458.9	396.7	334.1
-10°	881.7	815.4	759.9	716.9	682.0	640.6	590.0	519.9	455.1	394.3	331.2
-12.5°	871.6	808.5	755.4	714.6	678.7	636.0	583.1	514.6	450.7	390.7	327.6
-15°	859.3	799.4	749.5	711.4	673.9	630.0	575.0	509.1	446.7	386.0	323.2
-17.5°	845.6	788.3	742.1	707.2	667.8	622.6	565.9	502.5	441.4	380.4	318.6
-20°	832.4	777.7	733.8	702.0	660.1	613.7	555.9	494.8	434.9	373.9	313.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627509 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-730-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°	817.4	767.7	727.5	693.2	650.3	603.4	545.0	486.2	427.1	366.3	307.1
-25°	800.4	756.3	719.1	682.1	638.0	589.5	533.6	476.7	418.2	357.8	300.1
-27.5°	785.1	744.0	708.3	670.3	625.9	575.1	521.5	465.7	407.8	348.3	292.2
-30°	769.7	730.6	694.9	657.5	613.1	560.8	508.6	453.2	396.0	338.2	283.4
-32.5°	750.6	714.6	680.7	642.5	597.1	544.9	493.9	439.4	383.3	327.4	274.1
-35°	729.5	697.4	666.1	627.0	578.2	526.8	476.5	424.2	369.5	315.5	264.2
-37.5°	707.6	678.9	648.6	608.0	557.5	506.6	457.0	406.7	354.8	302.6	253.7
-40°	686.0	658.3	628.4	583.7	533.8	484.4	436.5	388.6	339.2	288.7	242.5
-42.5°	662.8	636.7	602.0	557.6	507.4	460.8	415.1	369.9	322.4	274.8	230.7
-45°	640.0	612.1	573.6	527.6	479.3	436.2	393.8	350.6	305.1	260.6	218.4
-47.5°	615.5	582.6	542.7	496.9	451.9	411.2	372.1	330.7	287.2	245.9	205.5
-50°	585.6	550.8	509.5	467.2	424.9	387.3	350.0	310.4	269.8	230.5	192.1
-52.5°	550.9	515.4	476.6	437.1	398.6	362.9	327.4	289.7	251.4	214.4	178.1
-55°	513.7	479.8	443.3	406.2	370.9	338.1	304.4	268.1	232.3	197.6	163.9
-57.5°	473.3	442.9	407.8	373.6	342.2	312.3	279.9	245.6	212.3	180.1	150.7
-60°	429.9	400.9	369.9	340.7	312.7	284.1	253.8	222.2	191.6	162.4	137.0
-62.5°	384.2	358.1	333.1	307.4	280.6	253.5	226.8	198.1	170.2	146.3	122.9
-65°	338.1	316.4	295.5	270.5	246.0	222.5	198.8	173.2	151.0	129.9	109.0
-67.5°	290.8	273.5	253.5	231.8	212.4	192.2	170.4	151.0	132.2	113.1	96.1
-70°	247.8	230.8	213.8	197.6	180.4	162.4	146.3	129.9	113.1	98.2	83.1
-72.5°	206.7	193.0	178.8	164.3	150.8	137.0	122.9	109.0	96.1	83.1	69.8
-75°	167.4	156.7	145.9	134.7	123.2	111.5	100.9	90.1	79.0	67.8	57.8
-77.5°	132.0	123.2	114.2	105.9	97.4	88.8	80.0	70.9	62.3	54.3	46.1
-80°	97.1	91.1	85.3	79.6	72.9	66.0	59.9	53.7	47.4	40.9	34.4
-82.5°	62.6	60.4	58.0	55.1	50.7	46.3	41.7	37.0	32.3	27.4	23.8
-85°	38.7	36.9	34.8	32.3	29.4	26.5	24.4	22.4	20.3	18.1	15.9
-87.5°	17.9	17.0	16.1	15.2	14.2	13.2	12.2	11.2	10.1	9.1	8.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report



REPORT NUMBER: P627509 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-730-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°	6.9	5.7	4.6	3.5	2.3	1.0	0.0
85°	13.7	11.5	9.2	6.9	4.6	2.0	0.0
82.5°	20.5	17.2	13.8	10.3	6.9	3.0	0.0
80°	27.7	22.8	18.3	13.8	9.2	4.0	0.0
77.5°	37.8	29.3	22.8	17.2	11.4	5.0	0.0
75°	47.7	37.3	27.6	20.5	13.6	6.0	0.0
72.5°	57.4	45.1	33.6	23.8	15.7	6.9	0.0
70°	67.2	52.8	39.5	27.3	17.8	7.9	0.0
67.5°	78.3	60.3	45.3	31.5	19.9	8.8	0.0
65°	89.1	68.5	51.0	35.6	21.9	9.7	0.0
62.5°	99.8	77.4	56.5	39.6	23.8	10.5	0.0
60°	110.2	86.0	61.8	43.4	25.6	11.4	0.0
57.5°	121.7	94.5	68.5	47.2	28.0	12.2	0.0
55°	132.9	102.7	75.0	50.8	30.3	13.0	0.0
52.5°	143.9	110.8	81.4	54.3	32.6	13.7	0.0
50°	154.5	119.7	87.5	57.6	34.8	14.4	0.0
47.5°	164.9	128.1	93.5	61.1	37.0	15.1	0.0
45°	175.9	136.3	99.1	65.3	39.1	15.7	0.0
42.5°	186.4	144.1	104.5	69.4	41.1	16.3	0.0
40°	196.5	151.5	110.0	73.3	43.0	16.9	0.0
37.5°	206.0	158.5	115.6	77.1	44.8	17.4	0.0
35°	215.0	165.6	120.9	80.7	46.6	17.9	0.0
32.5°	223.4	172.6	125.8	84.1	48.3	18.3	0.0
30°	231.2	179.1	130.4	87.3	49.8	18.7	0.0
27.5°	238.5	185.1	134.9	90.2	51.3	19.0	0.0
25°	245.1	190.6	139.0	92.9	52.7	19.3	0.0
22.5°	251.1	195.6	142.8	95.3	53.9	19.6	0.0
20°	256.5	199.9	146.2	97.6	55.1	19.8	0.0
17.5°	260.9	203.5	149.2	99.5	56.1	19.9	0.0
15°	264.5	206.5	151.8	101.2	57.0	20.0	0.0
12.5°	267.5	208.9	154.0	102.7	57.8	20.1	0.0
10°	269.7	210.7	155.8	103.9	58.4	20.2	0.0
7.5°	271.3	211.9	157.3	104.8	58.9	20.2	0.0
5°	272.1	212.5	158.3	105.5	59.3	20.1	0.0
2.5°	272.2	212.6	158.9	105.9	59.5	20.0	0.0
0°	271.7	212.1	159.1	106.0	59.6	19.9	0.0
-2.5°	272.2	212.6	158.9	105.9	59.5	20.0	0.0
-5°	272.1	212.5	158.3	105.5	59.3	20.1	0.0
-7.5°	271.3	211.9	157.3	104.8	58.9	20.2	0.0
-10°	269.7	210.7	155.8	103.9	58.4	20.2	0.0
-12.5°	267.5	208.9	154.0	102.7	57.8	20.1	0.0
-15°	264.5	206.5	151.8	101.2	57.0	20.0	0.0
-17.5°	260.9	203.5	149.2	99.5	56.1	19.9	0.0
-20°	256.5	199.9	146.2	97.6	55.1	19.8	0.0

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CATALOG NUMBER: GFLD-SA4E-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	251.1	195.6	142.8	95.3	53.9	19.6	0.0
-25°	245.1	190.6	139.0	92.9	52.7	19.3	0.0
-27.5°	238.5	185.1	134.9	90.2	51.3	19.0	0.0
-30°	231.2	179.1	130.4	87.3	49.8	18.7	0.0
-32.5°	223.4	172.6	125.8	84.1	48.3	18.3	0.0
-35°	215.0	165.6	120.9	80.7	46.6	17.9	0.0
-37.5°	206.0	158.5	115.6	77.1	44.8	17.4	0.0
-40°	196.5	151.5	110.0	73.3	43.0	16.9	0.0
-42.5°	186.4	144.1	104.5	69.4	41.1	16.3	0.0
-45°	175.9	136.3	99.1	65.3	39.1	15.7	0.0
-47.5°	164.9	128.1	93.5	61.1	37.0	15.1	0.0
-50°	154.5	119.7	87.5	57.6	34.8	14.4	0.0
-52.5°	143.9	110.8	81.4	54.3	32.6	13.7	0.0
-55°	132.9	102.7	75.0	50.8	30.3	13.0	0.0
-57.5°	121.7	94.5	68.5	47.2	28.0	12.2	0.0
-60°	110.2	86.0	61.8	43.4	25.6	11.4	0.0
-62.5°	99.8	77.4	56.5	39.6	23.8	10.5	0.0
-65°	89.1	68.5	51.0	35.6	21.9	9.7	0.0
-67.5°	78.3	60.3	45.3	31.5	19.9	8.8	0.0
-70°	67.2	52.8	39.5	27.3	17.8	7.9	0.0
-72.5°	57.4	45.1	33.6	23.8	15.7	6.9	0.0
-75°	47.7	37.3	27.6	20.5	13.6	6.0	0.0
-77.5°	37.8	29.3	22.8	17.2	11.4	5.0	0.0
-80°	27.7	22.8	18.3	13.8	9.2	4.0	0.0
-82.5°	20.5	17.2	13.8	10.3	6.9	3.0	0.0
-85°	13.7	11.5	9.2	6.9	4.6	2.0	0.0
-87.5°	6.9	5.7	4.6	3.5	2.3	1.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)