

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: P627465 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-740-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627465 (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-SA4D-740-U-MR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N100
Light Source: (64) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

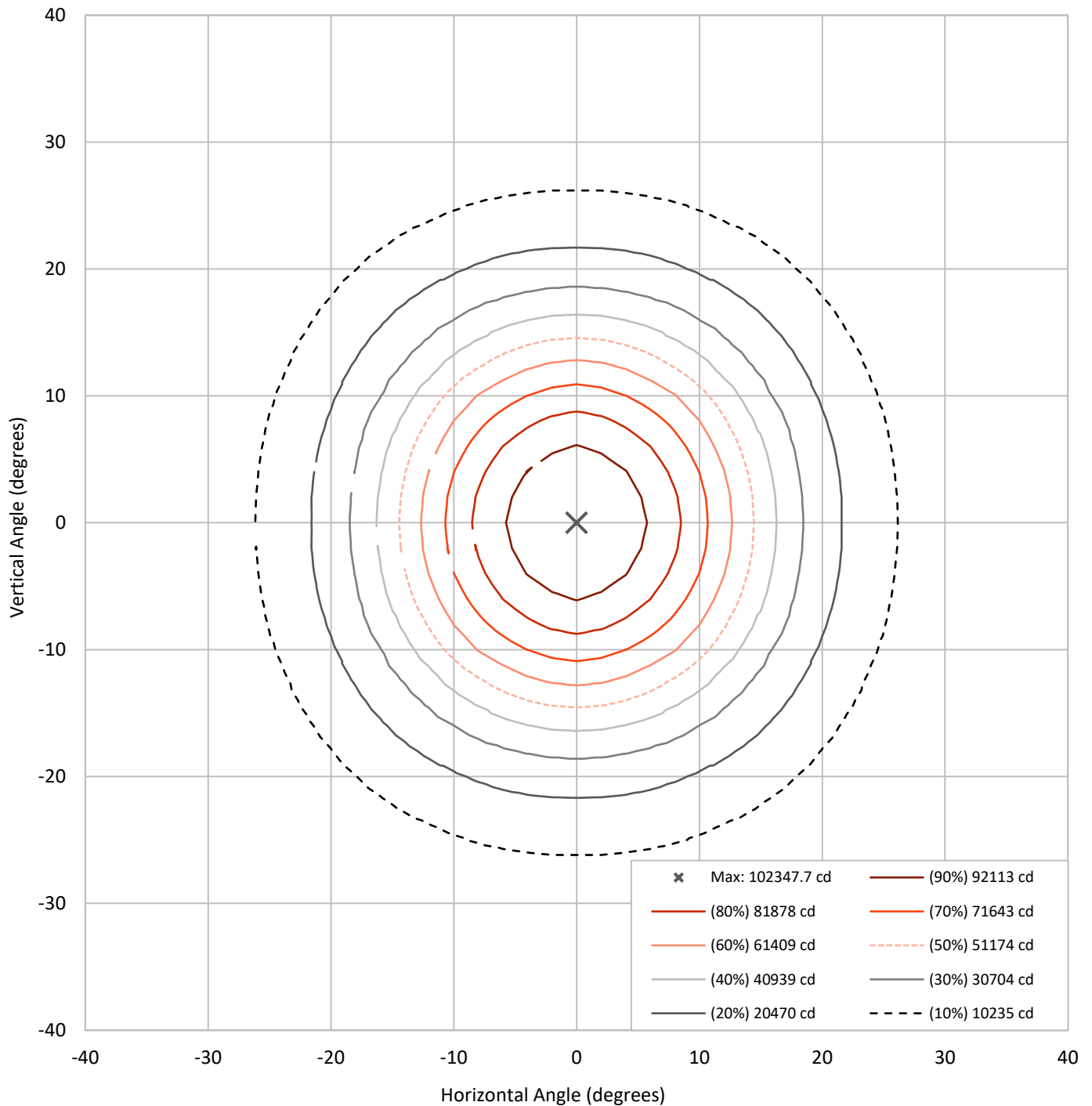
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	31977 lumens	Max Intensity:	102347.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	144.4 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	15546.8 lumens	Field Lumens:	26236.6 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	221.4		
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





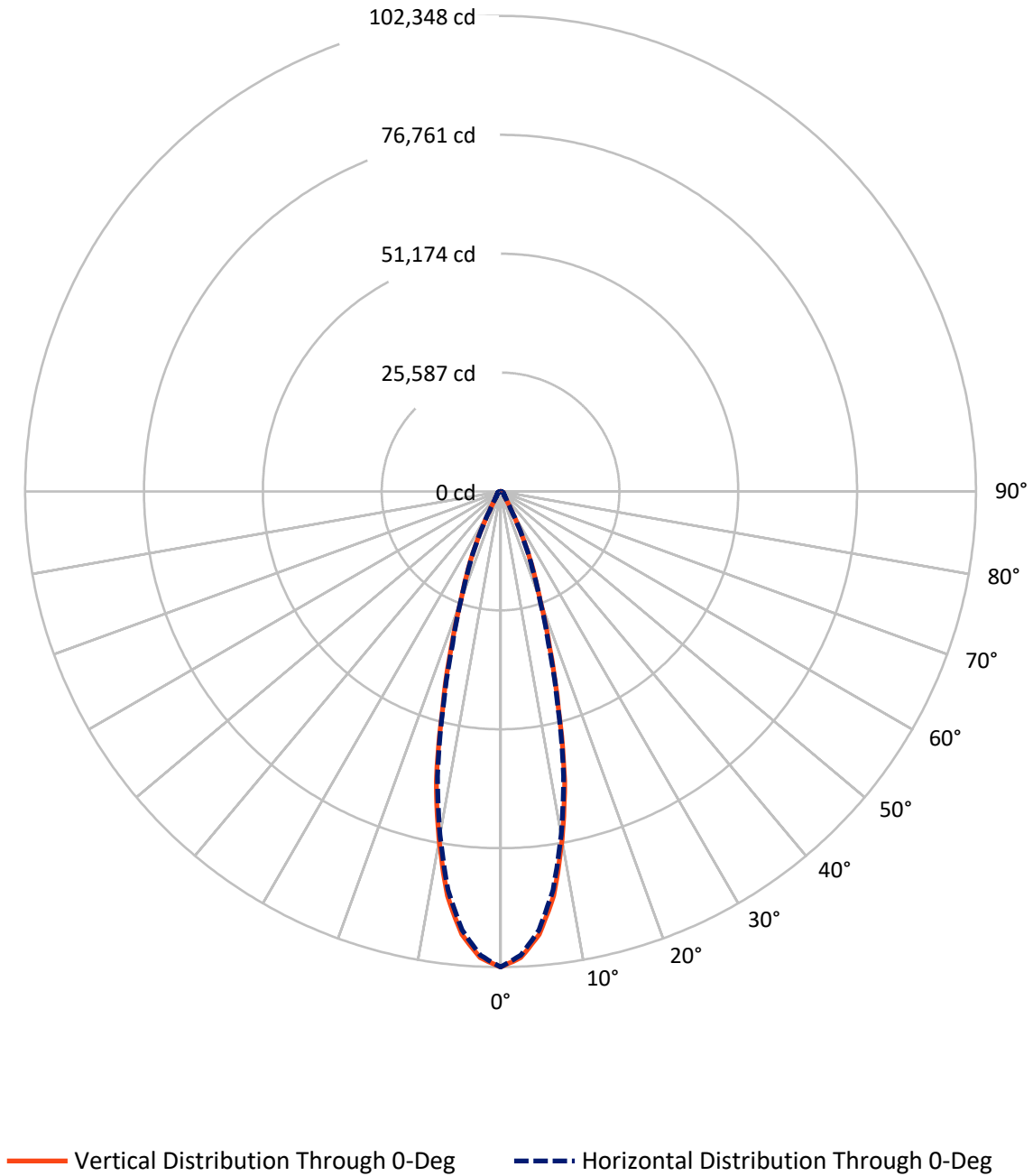
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Lumen Table

90																			
80	0.6	5.3		13.9		21.9		24.4		21.9		13.9		5.3		0.6			
70																			
60	2.4	2.8	5.5	9.0	12.6	15.5	17.3	18.2	18.2	17.3	15.5	12.6	9.0	5.5	2.8	2.4			
50		4.1	8.3	13.3	17.9	22.0	24.7	25.6	25.6	24.7	22.0	17.9	13.3	8.3	4.1				
40	4.2	5.3	10.6	16.5	21.9	27.7	32.5	35.0	35.0	32.5	27.7	21.9	16.5	10.6	5.3	4.2			
30		6.2	12.4	19.0	26.8	38.3	55.4	72.0	72.0	55.4	38.3	26.8	19.0	12.4	6.2				
20	5.4	6.9	13.6	21.4	34.4	74.8	210.5	373.3	373.3	210.5	74.8	34.4	21.4	13.6	6.9	5.4			
10		7.4	14.3	23.3	46.8	196.3	699.5	1340.4	1340.4	699.5	196.3	46.8	23.3	14.3	7.4				
0	5.8	7.7	14.5	24.5	59.5	338.8	1294.7	2546.7	2546.7	1294.7	338.8	59.5	24.5	14.5	7.7	5.8			
-10		7.7	14.5	24.5	59.5	338.8	1294.7	2546.7	2546.7	1294.7	338.8	59.5	24.5	14.5	7.7				
-20	5.4	7.4	14.3	23.3	46.8	196.3	699.5	1340.4	1340.4	699.5	196.3	46.8	23.3	14.3	7.4	5.4			
-30		6.9	13.6	21.4	34.4	74.8	210.5	373.3	373.3	210.5	74.8	34.4	21.4	13.6	6.9				
-40	4.2	6.2	12.4	19.0	26.8	38.3	55.4	72.0	72.0	55.4	38.3	26.8	19.0	12.4	6.2	4.2			
-50		5.3	10.6	16.5	21.9	27.7	32.5	35.0	35.0	32.5	27.7	21.9	16.5	10.6	5.3				
-60	2.4	4.1	8.3	13.3	17.9	22.0	24.7	25.6	25.6	24.7	22.0	17.9	13.3	8.3	4.1	2.4			
-70		2.8	5.5	9.0	12.6	15.5	17.3	18.2	18.2	17.3	15.5	12.6	9.0	5.5	2.8				
-80																			
-90	0.6	5.3		13.9		21.9		24.4		21.9		13.9		5.3		0.6			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

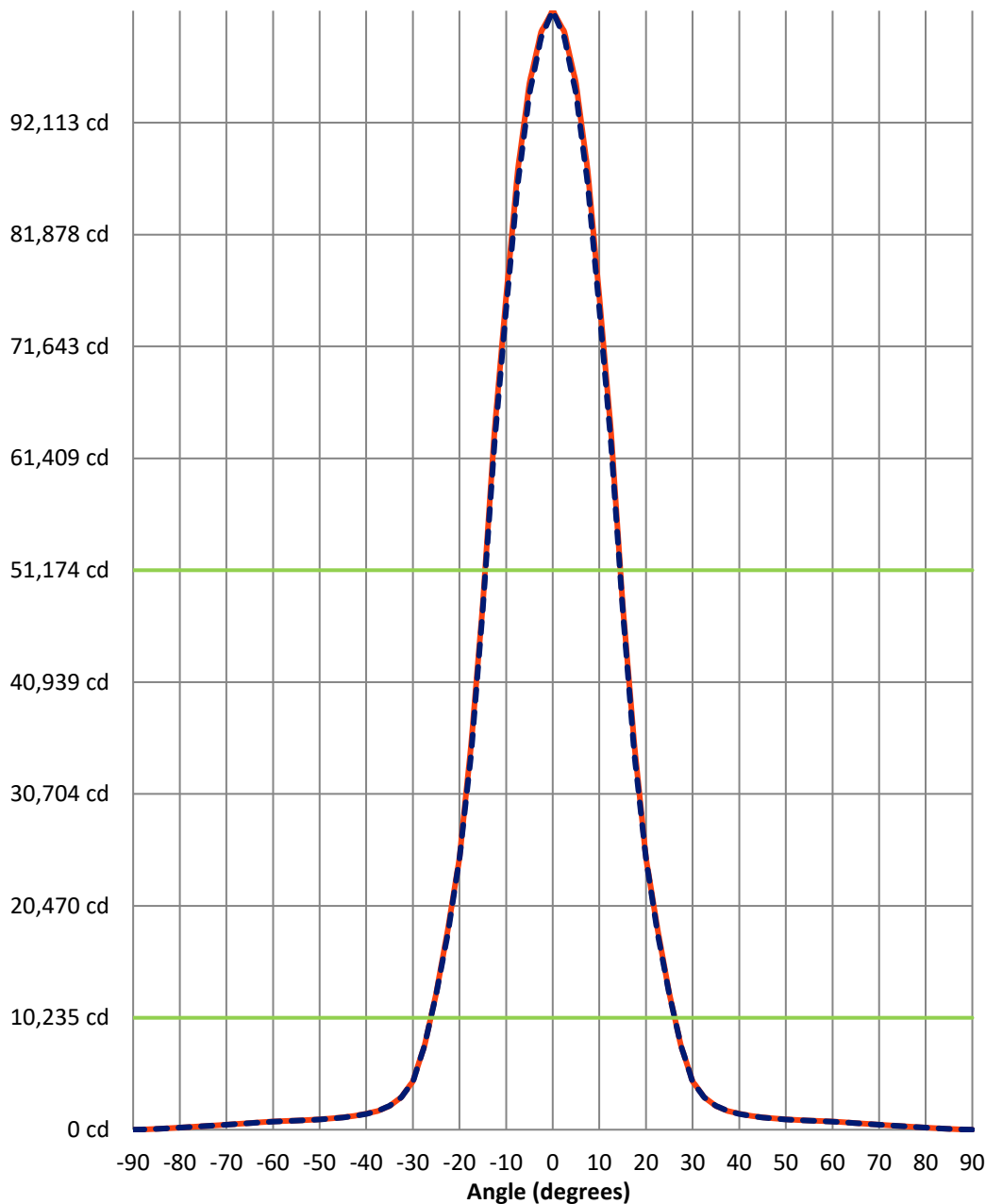
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 15546.8
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 26236.6
 Efficiency: 82.0%

Spill:
 Lumens: 5740.4
 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	1.1	2.3	3.4	4.6	5.7	6.8	7.9	9.0	10.1	11.1
85°	0.0	2.3	4.6	6.9	9.1	11.4	13.6	15.8	18.0	20.1	22.2
82.5°	0.0	3.4	6.9	10.3	13.7	17.0	20.4	23.7	27.5	33.7	40.2
80°	0.0	4.6	9.1	13.7	18.2	22.7	27.7	35.7	44.1	52.9	62.0
77.5°	0.0	5.7	11.4	17.0	22.7	29.7	39.4	49.6	60.5	71.8	84.3
75°	0.0	6.8	13.6	20.4	27.7	39.4	51.0	63.4	77.0	92.9	108.6
72.5°	0.0	7.9	15.8	23.7	35.4	49.0	62.4	77.9	96.4	114.6	132.6
70°	0.0	9.0	18.0	27.4	42.9	58.4	74.2	94.6	115.5	136.1	158.4
67.5°	0.0	10.1	20.1	33.0	50.4	67.7	88.5	111.1	134.3	159.5	184.4
65°	0.0	11.1	22.2	38.5	57.7	78.2	102.6	127.3	154.9	182.6	210.5
62.5°	0.0	12.1	24.3	43.9	64.9	89.7	116.4	144.5	175.0	205.4	237.4
60°	0.0	13.1	26.3	49.2	71.9	101.0	129.9	161.7	194.7	228.6	263.5
57.5°	0.0	14.1	29.7	54.3	80.7	112.0	144.1	178.6	214.3	251.0	289.3
55°	0.0	15.1	33.0	59.3	89.2	122.7	157.9	195.0	233.2	272.9	314.7
52.5°	0.0	16.0	36.3	64.2	97.5	133.2	171.3	210.9	251.4	295.1	339.3
50°	0.0	16.9	39.4	68.9	105.6	143.8	184.1	226.2	269.3	316.5	362.1
47.5°	0.0	17.8	42.4	73.7	113.4	153.9	196.4	241.1	287.7	337.1	383.7
45°	0.0	18.6	45.3	79.3	120.8	163.6	208.6	255.3	305.4	355.4	404.1
42.5°	0.0	19.4	48.1	84.6	128.0	172.7	220.3	269.5	322.2	372.6	422.8
40°	0.0	20.1	50.7	89.7	134.9	181.4	231.4	283.3	337.6	388.7	440.5
37.5°	0.0	20.9	53.3	94.4	141.4	189.5	241.9	296.3	351.3	404.2	457.3
35°	0.0	21.5	55.6	98.8	147.6	197.6	251.8	308.3	364.2	418.8	473.1
32.5°	0.0	22.2	57.9	102.8	153.3	205.3	261.2	319.5	376.2	432.4	488.3
30°	0.0	22.8	59.9	106.6	158.6	212.5	270.1	329.6	387.5	445.1	502.5
27.5°	0.0	23.3	61.9	109.9	163.4	219.1	278.3	338.5	397.8	456.8	515.7
25°	0.0	23.8	63.7	113.0	167.8	225.2	285.6	346.7	407.2	467.5	527.7
22.5°	0.0	24.3	65.3	115.7	171.9	230.7	292.1	354.1	415.6	477.1	539.7
20°	0.0	24.7	66.7	118.0	175.6	235.5	297.9	360.6	423.1	485.6	550.3
17.5°	0.0	25.1	68.0	120.0	179.0	239.6	303.1	366.2	429.6	493.0	559.6
15°	0.0	25.4	69.2	121.7	181.9	243.0	307.9	371.5	435.2	499.3	567.5
12.5°	0.0	25.7	70.1	123.0	184.5	245.7	312.0	376.4	440.3	504.4	574.0
10°	0.0	25.9	70.9	124.0	186.6	247.7	315.5	380.4	445.0	510.5	580.1
7.5°	0.0	26.1	71.5	124.7	188.3	249.1	318.2	383.5	448.6	516.0	586.7
5°	0.0	26.2	71.9	125.1	189.5	249.9	320.3	385.8	451.2	520.4	591.8
2.5°	0.0	26.3	72.2	125.1	190.2	250.0	321.5	387.1	452.8	523.6	595.6
0°	0.0	26.3	72.3	124.8	190.5	249.6	321.9	387.6	453.3	525.6	597.8
-2.5°	0.0	26.3	72.2	125.1	190.2	250.0	321.5	387.1	452.8	523.6	595.6
-5°	0.0	26.2	71.9	125.1	189.5	249.9	320.3	385.8	451.2	520.4	591.8
-7.5°	0.0	26.1	71.5	124.7	188.3	249.1	318.2	383.5	448.6	516.0	586.7
-10°	0.0	25.9	70.9	124.0	186.6	247.7	315.5	380.4	445.0	510.5	580.1
-12.5°	0.0	25.7	70.1	123.0	184.5	245.7	312.0	376.4	440.3	504.4	574.0
-15°	0.0	25.4	69.2	121.7	181.9	243.0	307.9	371.5	435.2	499.3	567.5
-17.5°	0.0	25.1	68.0	120.0	179.0	239.6	303.1	366.2	429.6	493.0	559.6
-20°	0.0	24.7	66.7	118.0	175.6	235.5	297.9	360.6	423.1	485.6	550.3

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA4D-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	24.3	65.3	115.7	171.9	230.7	292.1	354.1	415.6	477.1	539.7
-25°	0.0	23.8	63.7	113.0	167.8	225.2	285.6	346.7	407.2	467.5	527.7
-27.5°	0.0	23.3	61.9	109.9	163.4	219.1	278.3	338.5	397.8	456.8	515.7
-30°	0.0	22.8	59.9	106.6	158.6	212.5	270.1	329.6	387.5	445.1	502.5
-32.5°	0.0	22.2	57.9	102.8	153.3	205.3	261.2	319.5	376.2	432.4	488.3
-35°	0.0	21.5	55.6	98.8	147.6	197.6	251.8	308.3	364.2	418.8	473.1
-37.5°	0.0	20.9	53.3	94.4	141.4	189.5	241.9	296.3	351.3	404.2	457.3
-40°	0.0	20.1	50.7	89.7	134.9	181.4	231.4	283.3	337.6	388.7	440.5
-42.5°	0.0	19.4	48.1	84.6	128.0	172.7	220.3	269.5	322.2	372.6	422.8
-45°	0.0	18.6	45.3	79.3	120.8	163.6	208.6	255.3	305.4	355.4	404.1
-47.5°	0.0	17.8	42.4	73.7	113.4	153.9	196.4	241.1	287.7	337.1	383.7
-50°	0.0	16.9	39.4	68.9	105.6	143.8	184.1	226.2	269.3	316.5	362.1
-52.5°	0.0	16.0	36.3	64.2	97.5	133.2	171.3	210.9	251.4	295.1	339.3
-55°	0.0	15.1	33.0	59.3	89.2	122.7	157.9	195.0	233.2	272.9	314.7
-57.5°	0.0	14.1	29.7	54.3	80.7	112.0	144.1	178.6	214.3	251.0	289.3
-60°	0.0	13.1	26.3	49.2	71.9	101.0	129.9	161.7	194.7	228.6	263.5
-62.5°	0.0	12.1	24.3	43.9	64.9	89.7	116.4	144.5	175.0	205.4	237.4
-65°	0.0	11.1	22.2	38.5	57.7	78.2	102.6	127.3	154.9	182.6	210.5
-67.5°	0.0	10.1	20.1	33.0	50.4	67.7	88.5	111.1	134.3	159.5	184.4
-70°	0.0	9.0	18.0	27.4	42.9	58.4	74.2	94.6	115.5	136.1	158.4
-72.5°	0.0	7.9	15.8	23.7	35.4	49.0	62.4	77.9	96.4	114.6	132.6
-75°	0.0	6.8	13.6	20.4	27.7	39.4	51.0	63.4	77.0	92.9	108.6
-77.5°	0.0	5.7	11.4	17.0	22.7	29.7	39.4	49.6	60.5	71.8	84.3
-80°	0.0	4.6	9.1	13.7	18.2	22.7	27.7	35.7	44.1	52.9	62.0
-82.5°	0.0	3.4	6.9	10.3	13.7	17.0	20.4	23.7	27.5	33.7	40.2
-85°	0.0	2.3	4.6	6.9	9.1	11.4	13.6	15.8	18.0	20.1	22.2
-87.5°	0.0	1.1	2.3	3.4	4.6	5.7	6.8	7.9	9.0	10.1	11.1
-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°	12.1	13.1	14.1	15.1	16.0	16.9	17.8	18.6	19.4	20.1	20.9
85°	24.3	26.3	30.2	34.0	37.7	41.2	44.7	48.0	51.2	54.2	57.1
82.5°	46.4	52.4	58.3	64.0	69.5	74.9	80.0	85.0	89.8	94.3	98.7
80°	70.4	78.4	86.5	93.9	101.3	108.4	115.4	122.0	128.4	135.2	142.4
77.5°	95.8	106.1	115.5	124.0	133.3	144.5	155.3	165.7	175.6	185.1	194.1
75°	122.1	133.8	146.6	159.3	172.5	186.0	199.0	211.6	223.8	236.4	248.9
72.5°	149.7	165.6	181.1	196.1	212.8	229.1	244.1	257.7	273.2	290.2	305.8
70°	179.0	197.4	216.8	236.2	255.0	273.2	291.7	310.4	329.2	347.6	365.1
67.5°	208.4	231.5	254.0	276.0	297.3	319.1	341.1	363.7	385.4	406.2	426.4
65°	239.7	265.5	290.7	315.2	339.1	365.7	391.8	417.0	444.5	470.0	492.1
62.5°	270.2	299.1	326.9	354.7	383.7	413.1	443.3	474.9	507.7	531.3	551.7
60°	299.5	332.1	363.1	395.0	427.3	460.5	495.2	528.9	558.9	584.7	606.1
57.5°	328.1	364.6	399.0	433.6	468.9	506.6	544.9	579.3	607.2	632.1	655.6
55°	355.9	396.3	432.9	469.7	509.8	554.1	593.2	624.4	652.9	673.4	695.9
52.5°	382.3	425.5	463.8	505.0	550.9	596.8	635.8	666.0	690.0	711.3	733.2
50°	407.5	451.0	493.5	540.4	588.9	635.0	674.4	702.1	726.2	748.4	769.5
47.5°	430.3	475.5	523.6	573.7	624.4	669.9	707.7	736.0	761.0	783.8	807.0
45°	451.9	500.5	551.5	606.5	658.5	703.5	737.9	768.3	792.3	817.9	847.0
42.5°	472.5	524.4	579.9	638.5	691.5	732.7	766.0	795.1	822.8	853.7	886.1
40°	492.7	546.8	606.9	668.3	722.3	758.1	791.5	822.4	854.3	889.2	924.6
37.5°	511.6	569.8	632.1	696.2	745.1	782.1	816.7	851.2	887.0	924.6	968.5
35°	529.0	590.8	656.1	718.1	765.0	805.6	842.6	880.0	920.0	966.0	1014.5
32.5°	545.9	610.0	678.6	736.7	783.4	826.6	867.4	909.7	955.6	1006.2	1061.6
30°	562.5	628.8	698.2	755.6	799.6	843.9	891.8	938.8	989.9	1046.1	1111.1
27.5°	578.7	646.2	714.6	770.5	814.0	859.0	910.3	967.5	1023.3	1084.8	1160.2
25°	593.5	664.1	730.8	782.3	826.2	873.4	927.0	987.9	1053.5	1126.7	1219.0
22.5°	607.5	680.2	746.1	792.3	836.5	886.0	943.7	1008.1	1079.4	1164.2	1277.0
20°	620.5	692.8	756.4	801.6	845.0	896.1	958.1	1025.9	1107.3	1210.1	1345.0
17.5°	632.0	703.5	763.4	809.1	853.9	906.4	970.4	1041.0	1132.5	1250.7	1410.3
15°	641.7	712.2	769.5	814.9	861.4	917.1	982.9	1059.9	1160.1	1290.3	1466.7
12.5°	649.8	719.0	774.7	819.1	867.3	925.0	993.7	1078.1	1187.7	1333.6	1542.7
10°	656.1	724.0	778.7	821.7	871.4	930.3	1002.1	1092.3	1210.0	1369.8	1607.8
7.5°	662.2	728.4	781.6	822.8	873.8	932.9	1008.0	1102.4	1226.3	1397.0	1659.7
5°	666.7	732.5	783.2	825.3	875.4	934.1	1012.0	1108.2	1236.6	1415.0	1696.4
2.5°	669.3	735.0	783.2	827.1	875.5	934.6	1016.7	1111.5	1247.9	1430.1	1717.2
0°	670.1	735.8	781.8	827.8	873.8	932.9	1018.3	1110.3	1254.8	1438.7	1721.2
-2.5°	669.3	735.0	783.2	827.1	875.5	934.6	1016.7	1111.5	1247.9	1430.1	1717.2
-5°	666.7	732.5	783.2	825.3	875.4	934.1	1012.0	1108.2	1236.6	1415.0	1696.4
-7.5°	662.2	728.4	781.6	822.8	873.8	932.9	1008.0	1102.4	1226.3	1397.0	1659.7
-10°	656.1	724.0	778.7	821.7	871.4	930.3	1002.1	1092.3	1210.0	1369.8	1607.8
-12.5°	649.8	719.0	774.7	819.1	867.3	925.0	993.7	1078.1	1187.7	1333.6	1542.7
-15°	641.7	712.2	769.5	814.9	861.4	917.1	982.9	1059.9	1160.1	1290.3	1466.7
-17.5°	632.0	703.5	763.4	809.1	853.9	906.4	970.4	1041.0	1132.5	1250.7	1410.3
-20°	620.5	692.8	756.4	801.6	845.0	896.1	958.1	1025.9	1107.3	1210.1	1345.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627465 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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°	607.5	680.2	746.1	792.3	836.5	886.0	943.7	1008.1	1079.4	1164.2	1277.0
-25°	593.5	664.1	730.8	782.3	826.2	873.4	927.0	987.9	1053.5	1126.7	1219.0
-27.5°	578.7	646.2	714.6	770.5	814.0	859.0	910.3	967.5	1023.3	1084.8	1160.2
-30°	562.5	628.8	698.2	755.6	799.6	843.9	891.8	938.8	989.9	1046.1	1111.1
-32.5°	545.9	610.0	678.6	736.7	783.4	826.6	867.4	909.7	955.6	1006.2	1061.6
-35°	529.0	590.8	656.1	718.1	765.0	805.6	842.6	880.0	920.0	966.0	1014.5
-37.5°	511.6	569.8	632.1	696.2	745.1	782.1	816.7	851.2	887.0	924.6	968.5
-40°	492.7	546.8	606.9	668.3	722.3	758.1	791.5	822.4	854.3	889.2	924.6
-42.5°	472.5	524.4	579.9	638.5	691.5	732.7	766.0	795.1	822.8	853.7	886.1
-45°	451.9	500.5	551.5	606.5	658.5	703.5	737.9	768.3	792.3	817.9	847.0
-47.5°	430.3	475.5	523.6	573.7	624.4	669.9	707.7	736.0	761.0	783.8	807.0
-50°	407.5	451.0	493.5	540.4	588.9	635.0	674.4	702.1	726.2	748.4	769.5
-52.5°	382.3	425.5	463.8	505.0	550.9	596.8	635.8	666.0	690.0	711.3	733.2
-55°	355.9	396.3	432.9	469.7	509.8	554.1	593.2	624.4	652.9	673.4	695.9
-57.5°	328.1	364.6	399.0	433.6	468.9	506.6	544.9	579.3	607.2	632.1	655.6
-60°	299.5	332.1	363.1	395.0	427.3	460.5	495.2	528.9	558.9	584.7	606.1
-62.5°	270.2	299.1	326.9	354.7	383.7	413.1	443.3	474.9	507.7	531.3	551.7
-65°	239.7	265.5	290.7	315.2	339.1	365.7	391.8	417.0	444.5	470.0	492.1
-67.5°	208.4	231.5	254.0	276.0	297.3	319.1	341.1	363.7	385.4	406.2	426.4
-70°	179.0	197.4	216.8	236.2	255.0	273.2	291.7	310.4	329.2	347.6	365.1
-72.5°	149.7	165.6	181.1	196.1	212.8	229.1	244.1	257.7	273.2	290.2	305.8
-75°	122.1	133.8	146.6	159.3	172.5	186.0	199.0	211.6	223.8	236.4	248.9
-77.5°	95.8	106.1	115.5	124.0	133.3	144.5	155.3	165.7	175.6	185.1	194.1
-80°	70.4	78.4	86.5	93.9	101.3	108.4	115.4	122.0	128.4	135.2	142.4
-82.5°	46.4	52.4	58.3	64.0	69.5	74.9	80.0	85.0	89.8	94.3	98.7
-85°	24.3	26.3	30.2	34.0	37.7	41.2	44.7	48.0	51.2	54.2	57.1
-87.5°	12.1	13.1	14.1	15.1	16.0	16.9	17.8	18.6	19.4	20.1	20.9
-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: P627465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	21.5	22.2	22.8	23.3	23.8	24.3	24.7	25.1	25.4	25.7	25.9
85°	59.8	62.3	64.7	66.9	68.9	69.5	69.6	69.5	69.2	70.1	70.9
82.5°	102.7	107.4	112.0	116.7	121.2	122.9	124.0	124.9	125.4	127.2	128.7
80°	149.2	156.5	163.2	169.3	174.7	178.5	182.0	185.2	188.1	189.4	190.1
77.5°	203.2	212.1	220.3	228.0	235.1	240.7	245.2	248.8	251.6	253.4	254.6
75°	261.3	272.5	282.5	291.7	300.2	306.1	310.3	313.3	315.4	317.6	319.3
72.5°	320.0	332.7	344.5	355.6	365.4	372.3	377.1	380.9	383.9	386.1	387.2
70°	381.7	396.9	409.9	421.1	429.9	436.5	441.6	445.8	449.0	451.2	452.4
67.5°	445.6	461.8	474.1	483.8	491.7	498.7	505.1	509.8	513.0	516.1	519.5
65°	510.7	527.2	539.7	550.0	558.3	567.4	575.7	581.8	585.9	589.6	593.4
62.5°	571.8	590.6	605.1	618.6	632.3	645.3	652.8	658.6	662.7	666.3	670.6
60°	627.5	648.7	666.5	682.8	699.6	716.4	723.3	728.7	733.9	738.7	743.0
57.5°	676.9	699.4	721.0	737.2	753.2	768.9	779.7	785.7	789.7	791.9	793.7
55°	719.8	742.4	763.8	782.5	799.9	816.1	828.2	834.0	838.3	841.0	842.7
52.5°	758.3	782.4	805.5	826.2	844.9	862.3	877.4	885.4	891.9	896.4	897.9
50°	796.2	822.3	847.2	869.3	891.1	912.0	931.1	942.2	950.0	954.8	956.3
47.5°	835.6	864.0	890.9	916.6	941.4	966.1	988.8	1003.9	1015.1	1023.4	1029.3
45°	876.8	907.2	937.0	967.3	995.8	1027.6	1056.4	1078.5	1094.8	1108.9	1120.2
42.5°	918.1	952.3	986.6	1025.6	1064.5	1100.7	1135.0	1164.3	1190.9	1217.0	1237.4
40°	963.1	1000.6	1047.3	1093.6	1141.6	1183.7	1233.7	1278.4	1319.4	1363.8	1400.5
37.5°	1012.3	1060.4	1115.8	1171.3	1233.7	1294.2	1364.0	1432.7	1492.4	1570.1	1632.4
35°	1065.8	1126.9	1192.2	1266.7	1347.2	1442.1	1539.8	1654.3	1751.5	1874.9	1988.8
32.5°	1125.5	1197.3	1282.1	1384.4	1493.1	1645.6	1788.6	1982.7	2148.7	2362.8	2596.7
30°	1186.1	1278.9	1394.3	1526.5	1710.2	1926.7	2178.9	2507.1	2862.2	3229.4	3723.9
27.5°	1258.0	1378.5	1522.6	1726.8	2001.6	2301.1	2815.2	3370.2	4143.4	4755.4	5845.6
25°	1335.5	1484.7	1697.5	1993.4	2373.2	2979.4	3847.0	4851.8	6398.9	7775.1	9356.6
22.5°	1427.2	1629.8	1911.6	2299.2	2961.1	4004.1	5358.4	7421.6	9715.1	11978.8	14047.7
20°	1524.4	1769.1	2163.1	2794.4	3817.4	5325.5	7741.8	10690.0	13734.8	16837.0	19451.3
17.5°	1637.8	1970.1	2489.1	3327.6	4787.1	7369.2	10596.6	14345.3	18323.2	22281.8	25720.3
15°	1735.3	2145.8	2844.7	4100.6	6277.1	9506.8	13473.4	18207.9	23210.3	28347.7	33915.7
12.5°	1859.7	2357.6	3211.2	4739.8	7599.1	11797.0	16650.4	22147.3	28255.9	35077.1	43757.5
10°	1973.8	2579.7	3693.1	5763.8	9188.2	13936.2	19394.7	25631.1	33554.4	43805.0	54275.6
7.5°	2065.2	2755.8	4067.0	6562.9	10520.9	15763.8	21865.6	29342.7	39227.7	51433.9	63397.3
5°	2128.8	2877.9	4334.5	7166.7	11592.9	17160.5	23619.2	32078.9	44009.8	57678.5	69893.9
2.5°	2168.8	2944.7	4465.4	7525.2	12292.1	18001.0	24713.2	33817.8	46940.7	61653.7	74021.3
0°	2187.7	2956.3	4381.9	7699.6	12390.3	17941.6	24813.4	34398.4	47636.1	62733.1	75051.0
-2.5°	2168.8	2944.7	4465.4	7525.2	12292.1	18001.0	24713.2	33817.8	46940.7	61653.7	74021.3
-5°	2128.8	2877.9	4334.5	7166.7	11592.9	17160.5	23619.2	32078.9	44009.8	57678.5	69893.9
-7.5°	2065.2	2755.8	4067.0	6562.9	10520.9	15763.8	21865.6	29342.7	39227.7	51433.9	63397.3
-10°	1973.8	2579.7	3693.1	5763.8	9188.2	13936.2	19394.7	25631.1	33554.4	43805.0	54275.6
-12.5°	1859.7	2357.6	3211.2	4739.8	7599.1	11797.0	16650.4	22147.3	28255.9	35077.1	43757.5
-15°	1735.3	2145.8	2844.7	4100.6	6277.1	9506.8	13473.4	18207.9	23210.3	28347.7	33915.7
-17.5°	1637.8	1970.1	2489.1	3327.6	4787.1	7369.2	10596.6	14345.3	18323.2	22281.8	25720.3
-20°	1524.4	1769.1	2163.1	2794.4	3817.4	5325.5	7741.8	10690.0	13734.8	16837.0	19451.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627465 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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°	1427.2	1629.8	1911.6	2299.2	2961.1	4004.1	5358.4	7421.6	9715.1	11978.8	14047.7
-25°	1335.5	1484.7	1697.5	1993.4	2373.2	2979.4	3847.0	4851.8	6398.9	7775.1	9356.6
-27.5°	1258.0	1378.5	1522.6	1726.8	2001.6	2301.1	2815.2	3370.2	4143.4	4755.4	5845.6
-30°	1186.1	1278.9	1394.3	1526.5	1710.2	1926.7	2178.9	2507.1	2862.2	3229.4	3723.9
-32.5°	1125.5	1197.3	1282.1	1384.4	1493.1	1645.6	1788.6	1982.7	2148.7	2362.8	2596.7
-35°	1065.8	1126.9	1192.2	1266.7	1347.2	1442.1	1539.8	1654.3	1751.5	1874.9	1988.8
-37.5°	1012.3	1060.4	1115.8	1171.3	1233.7	1294.2	1364.0	1432.7	1492.4	1570.1	1632.4
-40°	963.1	1000.6	1047.3	1093.6	1141.6	1183.7	1233.7	1278.4	1319.4	1363.8	1400.5
-42.5°	918.1	952.3	986.6	1025.6	1064.5	1100.7	1135.0	1164.3	1190.9	1217.0	1237.4
-45°	876.8	907.2	937.0	967.3	995.8	1027.6	1056.4	1078.5	1094.8	1108.9	1120.2
-47.5°	835.6	864.0	890.9	916.6	941.4	966.1	988.8	1003.9	1015.1	1023.4	1029.3
-50°	796.2	822.3	847.2	869.3	891.1	912.0	931.1	942.2	950.0	954.8	956.3
-52.5°	758.3	782.4	805.5	826.2	844.9	862.3	877.4	885.4	891.9	896.4	897.9
-55°	719.8	742.4	763.8	782.5	799.9	816.1	828.2	834.0	838.3	841.0	842.7
-57.5°	676.9	699.4	721.0	737.2	753.2	768.9	779.7	785.7	789.7	791.9	793.7
-60°	627.5	648.7	666.5	682.8	699.6	716.4	723.3	728.7	733.9	738.7	743.0
-62.5°	571.8	590.6	605.1	618.6	632.3	645.3	652.8	658.6	662.7	666.3	670.6
-65°	510.7	527.2	539.7	550.0	558.3	567.4	575.7	581.8	585.9	589.6	593.4
-67.5°	445.6	461.8	474.1	483.8	491.7	498.7	505.1	509.8	513.0	516.1	519.5
-70°	381.7	396.9	409.9	421.1	429.9	436.5	441.6	445.8	449.0	451.2	452.4
-72.5°	320.0	332.7	344.5	355.6	365.4	372.3	377.1	380.9	383.9	386.1	387.2
-75°	261.3	272.5	282.5	291.7	300.2	306.1	310.3	313.3	315.4	317.6	319.3
-77.5°	203.2	212.1	220.3	228.0	235.1	240.7	245.2	248.8	251.6	253.4	254.6
-80°	149.2	156.5	163.2	169.3	174.7	178.5	182.0	185.2	188.1	189.4	190.1
-82.5°	102.7	107.4	112.0	116.7	121.2	122.9	124.0	124.9	125.4	127.2	128.7
-85°	59.8	62.3	64.7	66.9	68.9	69.5	69.6	69.5	69.2	70.1	70.9
-87.5°	21.5	22.2	22.8	23.3	23.8	24.3	24.7	25.1	25.4	25.7	25.9
-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: P627465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	26.1	26.2	26.3	26.3	26.3	26.2	26.1	25.9	25.7	25.4	25.1
85°	71.5	71.9	72.2	72.3	72.2	71.9	71.5	70.9	70.1	69.2	69.5
82.5°	129.9	130.7	131.2	131.4	131.2	130.7	129.9	128.7	127.2	125.4	124.9
80°	190.1	189.6	190.3	190.5	190.3	189.6	190.1	190.1	189.4	188.1	185.2
77.5°	255.1	255.0	255.9	256.2	255.9	255.0	255.1	254.6	253.4	251.6	248.8
75°	320.3	320.5	321.5	321.9	321.5	320.5	320.3	319.3	317.6	315.4	313.3
72.5°	387.2	386.1	387.1	387.6	387.1	386.1	387.2	387.2	386.1	383.9	380.9
70°	452.5	451.6	455.8	459.9	455.8	451.6	452.5	452.4	451.2	449.0	445.8
67.5°	521.9	523.3	527.9	532.1	527.9	523.3	521.9	519.5	516.1	513.0	509.8
65°	595.3	595.5	600.0	604.4	600.0	595.5	595.3	593.4	589.6	585.9	581.8
62.5°	673.2	673.9	678.6	683.2	678.6	673.9	673.2	670.6	666.3	662.7	658.6
60°	745.5	746.3	748.0	748.9	748.0	746.3	745.5	743.0	738.7	733.9	728.7
57.5°	794.3	793.6	794.3	794.9	794.3	793.6	794.3	793.7	791.9	789.7	785.7
55°	842.4	840.2	837.7	834.3	837.7	840.2	842.4	842.7	841.0	838.3	834.0
52.5°	896.8	893.3	890.2	886.9	890.2	893.3	896.8	897.9	896.4	891.9	885.4
50°	955.4	952.3	949.2	946.0	949.2	952.3	955.4	956.3	954.8	950.0	942.2
47.5°	1033.4	1034.8	1034.2	1031.4	1034.2	1034.8	1033.4	1029.3	1023.4	1015.1	1003.9
45°	1128.2	1132.0	1132.4	1130.0	1132.4	1132.0	1128.2	1120.2	1108.9	1094.8	1078.5
42.5°	1251.8	1260.1	1264.7	1267.9	1264.7	1260.1	1251.8	1237.4	1217.0	1190.9	1164.3
40°	1427.2	1444.1	1454.9	1465.0	1454.9	1444.1	1427.2	1400.5	1363.8	1319.4	1278.4
37.5°	1678.6	1709.4	1723.2	1714.7	1723.2	1709.4	1678.6	1632.4	1570.1	1492.4	1432.7
35°	2076.5	2135.0	2165.5	2168.0	2165.5	2135.0	2076.5	1988.8	1874.9	1751.5	1654.3
32.5°	2769.5	2889.4	2953.8	2962.9	2953.8	2889.4	2769.5	2596.7	2362.8	2148.7	1982.7
30°	4102.4	4346.9	4461.7	4434.5	4461.7	4346.9	4102.4	3723.9	3229.4	2862.2	2507.1
27.5°	6693.1	7302.9	7664.2	7693.0	7664.2	7302.9	6693.1	5845.6	4755.4	4143.4	3370.2
25°	10757.3	11798.3	12464.9	12475.7	12464.9	11798.3	10757.3	9356.6	7775.1	6398.9	4851.8
22.5°	15960.9	17381.8	18160.4	18296.3	18160.4	17381.8	15960.9	14047.7	11978.8	9715.1	7421.6
20°	21989.4	23879.7	24891.0	24892.2	24891.0	23879.7	21989.4	19451.3	16837.0	13734.8	10690.0
17.5°	29413.8	32483.1	34409.9	35239.3	34409.9	32483.1	29413.8	25720.3	22281.8	18323.2	14345.3
15°	39277.2	44435.1	47525.9	48082.9	47525.9	44435.1	39277.2	33915.7	28347.7	23210.3	18207.9
12.5°	51287.0	57814.5	62202.3	63810.5	62202.3	57814.5	51287.0	43757.5	35077.1	28255.9	22147.3
10°	63826.3	69874.4	74575.1	76154.7	74575.1	69874.4	63826.3	54275.6	43805.0	33554.4	25631.1
7.5°	72885.0	80097.0	85392.0	87717.2	85392.0	80097.0	72885.0	63397.3	51433.9	39227.7	29342.7
5°	80035.8	88569.5	93498.5	95686.1	93498.5	88569.5	80035.8	69893.9	57678.5	44009.8	32078.9
2.5°	84727.7	93159.8	98379.4	100396.5	98379.4	93159.8	84727.7	74021.3	61653.7	46940.7	33817.8
0°	86482.1	94727.0	99884.1	102347.7	99884.1	94727.0	86482.1	75051.0	62733.1	47636.1	34398.4
-2.5°	84727.7	93159.8	98379.4	100396.5	98379.4	93159.8	84727.7	74021.3	61653.7	46940.7	33817.8
-5°	80035.8	88569.5	93498.5	95686.1	93498.5	88569.5	80035.8	69893.9	57678.5	44009.8	32078.9
-7.5°	72885.0	80097.0	85392.0	87717.2	85392.0	80097.0	72885.0	63397.3	51433.9	39227.7	29342.7
-10°	63826.3	69874.4	74575.1	76154.7	74575.1	69874.4	63826.3	54275.6	43805.0	33554.4	25631.1
-12.5°	51287.0	57814.5	62202.3	63810.5	62202.3	57814.5	51287.0	43757.5	35077.1	28255.9	22147.3
-15°	39277.2	44435.1	47525.9	48082.9	47525.9	44435.1	39277.2	33915.7	28347.7	23210.3	18207.9
-17.5°	29413.8	32483.1	34409.9	35239.3	34409.9	32483.1	29413.8	25720.3	22281.8	18323.2	14345.3
-20°	21989.4	23879.7	24891.0	24892.2	24891.0	23879.7	21989.4	19451.3	16837.0	13734.8	10690.0



REPORT NUMBER: P627465 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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°	15960.9	17381.8	18160.4	18296.3	18160.4	17381.8	15960.9	14047.7	11978.8	9715.1	7421.6
-25°	10757.3	11798.3	12464.9	12475.7	12464.9	11798.3	10757.3	9356.6	7775.1	6398.9	4851.8
-27.5°	6693.1	7302.9	7664.2	7693.0	7664.2	7302.9	6693.1	5845.6	4755.4	4143.4	3370.2
-30°	4102.4	4346.9	4461.7	4434.5	4461.7	4346.9	4102.4	3723.9	3229.4	2862.2	2507.1
-32.5°	2769.5	2889.4	2953.8	2962.9	2953.8	2889.4	2769.5	2596.7	2362.8	2148.7	1982.7
-35°	2076.5	2135.0	2165.5	2168.0	2165.5	2135.0	2076.5	1988.8	1874.9	1751.5	1654.3
-37.5°	1678.6	1709.4	1723.2	1714.7	1723.2	1709.4	1678.6	1632.4	1570.1	1492.4	1432.7
-40°	1427.2	1444.1	1454.9	1465.0	1454.9	1444.1	1427.2	1400.5	1363.8	1319.4	1278.4
-42.5°	1251.8	1260.1	1264.7	1267.9	1264.7	1260.1	1251.8	1237.4	1217.0	1190.9	1164.3
-45°	1128.2	1132.0	1132.4	1130.0	1132.4	1132.0	1128.2	1120.2	1108.9	1094.8	1078.5
-47.5°	1033.4	1034.8	1034.2	1031.4	1034.2	1034.8	1033.4	1029.3	1023.4	1015.1	1003.9
-50°	955.4	952.3	949.2	946.0	949.2	952.3	955.4	956.3	954.8	950.0	942.2
-52.5°	896.8	893.3	890.2	886.9	890.2	893.3	896.8	897.9	896.4	891.9	885.4
-55°	842.4	840.2	837.7	834.3	837.7	840.2	842.4	842.7	841.0	838.3	834.0
-57.5°	794.3	793.6	794.3	794.9	794.3	793.6	794.3	793.7	791.9	789.7	785.7
-60°	745.5	746.3	748.0	748.9	748.0	746.3	745.5	743.0	738.7	733.9	728.7
-62.5°	673.2	673.9	678.6	683.2	678.6	673.9	673.2	670.6	666.3	662.7	658.6
-65°	595.3	595.5	600.0	604.4	600.0	595.5	595.3	593.4	589.6	585.9	581.8
-67.5°	521.9	523.3	527.9	532.1	527.9	523.3	521.9	519.5	516.1	513.0	509.8
-70°	452.5	451.6	455.8	459.9	455.8	451.6	452.5	452.4	451.2	449.0	445.8
-72.5°	387.2	386.1	387.1	387.6	387.1	386.1	387.2	387.2	386.1	383.9	380.9
-75°	320.3	320.5	321.5	321.9	321.5	320.5	320.3	319.3	317.6	315.4	313.3
-77.5°	255.1	255.0	255.9	256.2	255.9	255.0	255.1	254.6	253.4	251.6	248.8
-80°	190.1	189.6	190.3	190.5	190.3	189.6	190.1	190.1	189.4	188.1	185.2
-82.5°	129.9	130.7	131.2	131.4	131.2	130.7	129.9	128.7	127.2	125.4	124.9
-85°	71.5	71.9	72.2	72.3	72.2	71.9	71.5	70.9	70.1	69.2	69.5
-87.5°	26.1	26.2	26.3	26.3	26.3	26.2	26.1	25.9	25.7	25.4	25.1
-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: P627465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	24.7	24.3	23.8	23.3	22.8	22.2	21.5	20.9	20.1	19.4	18.6
85°	69.6	69.5	68.9	66.9	64.7	62.3	59.8	57.1	54.2	51.2	48.0
82.5°	124.0	122.9	121.2	116.7	112.0	107.4	102.7	98.7	94.3	89.8	85.0
80°	182.0	178.5	174.7	169.3	163.2	156.5	149.2	142.4	135.2	128.4	122.0
77.5°	245.2	240.7	235.1	228.0	220.3	212.1	203.2	194.1	185.1	175.6	165.7
75°	310.3	306.1	300.2	291.7	282.5	272.5	261.3	248.9	236.4	223.8	211.6
72.5°	377.1	372.3	365.4	355.6	344.5	332.7	320.0	305.8	290.2	273.2	257.7
70°	441.6	436.5	429.9	421.1	409.9	396.9	381.7	365.1	347.6	329.2	310.4
67.5°	505.1	498.7	491.7	483.8	474.1	461.8	445.6	426.4	406.2	385.4	363.7
65°	575.7	567.4	558.3	550.0	539.7	527.2	510.7	492.1	470.0	444.5	417.0
62.5°	652.8	645.3	632.3	618.6	605.1	590.6	571.8	551.7	531.3	507.7	474.9
60°	723.3	716.4	699.6	682.8	666.5	648.7	627.5	606.1	584.7	558.9	528.9
57.5°	779.7	768.9	753.2	737.2	721.0	699.4	676.9	655.6	632.1	607.2	579.3
55°	828.2	816.1	799.9	782.5	763.8	742.4	719.8	695.9	673.4	652.9	624.4
52.5°	877.4	862.3	844.9	826.2	805.5	782.4	758.3	733.2	711.3	690.0	666.0
50°	931.1	912.0	891.1	869.3	847.2	822.3	796.2	769.5	748.4	726.2	702.1
47.5°	988.8	966.1	941.4	916.6	890.9	864.0	835.6	807.0	783.8	761.0	736.0
45°	1056.4	1027.6	995.8	967.3	937.0	907.2	876.8	847.0	817.9	792.3	768.3
42.5°	1135.0	1100.7	1064.5	1025.6	986.6	952.3	918.1	886.1	853.7	822.8	795.1
40°	1233.7	1183.7	1141.6	1093.6	1047.3	1000.6	963.1	924.6	889.2	854.3	822.4
37.5°	1364.0	1294.2	1233.7	1171.3	1115.8	1060.4	1012.3	968.5	924.6	887.0	851.2
35°	1539.8	1442.1	1347.2	1266.7	1192.2	1126.9	1065.8	1014.5	966.0	920.0	880.0
32.5°	1788.6	1645.6	1493.1	1384.4	1282.1	1197.3	1125.5	1061.6	1006.2	955.6	909.7
30°	2178.9	1926.7	1710.2	1526.5	1394.3	1278.9	1186.1	1111.1	1046.1	989.9	938.8
27.5°	2815.2	2301.1	2001.6	1726.8	1522.6	1378.5	1258.0	1160.2	1084.8	1023.3	967.5
25°	3847.0	2979.4	2373.2	1993.4	1697.5	1484.7	1335.5	1219.0	1126.7	1053.5	987.9
22.5°	5358.4	4004.1	2961.1	2299.2	1911.6	1629.8	1427.2	1277.0	1164.2	1079.4	1008.1
20°	7741.8	5325.5	3817.4	2794.4	2163.1	1769.1	1524.4	1345.0	1210.1	1107.3	1025.9
17.5°	10596.6	7369.2	4787.1	3327.6	2489.1	1970.1	1637.8	1410.3	1250.7	1132.5	1041.0
15°	13473.4	9506.8	6277.1	4100.6	2844.7	2145.8	1735.3	1466.7	1290.3	1160.1	1059.9
12.5°	16650.4	11797.0	7599.1	4739.8	3211.2	2357.6	1859.7	1542.7	1333.6	1187.7	1078.1
10°	19394.7	13936.2	9188.2	5763.8	3693.1	2579.7	1973.8	1607.8	1369.8	1210.0	1092.3
7.5°	21865.6	15763.8	10520.9	6562.9	4067.0	2755.8	2065.2	1659.7	1397.0	1226.3	1102.4
5°	23619.2	17160.5	11592.9	7166.7	4334.5	2877.9	2128.8	1696.4	1415.0	1236.6	1108.2
2.5°	24713.2	18001.0	12292.1	7525.2	4465.4	2944.7	2168.8	1717.2	1430.1	1247.9	1111.5
0°	24813.4	17941.6	12390.3	7699.6	4381.9	2956.3	2187.7	1721.2	1438.7	1254.8	1110.3
-2.5°	24713.2	18001.0	12292.1	7525.2	4465.4	2944.7	2168.8	1717.2	1430.1	1247.9	1111.5
-5°	23619.2	17160.5	11592.9	7166.7	4334.5	2877.9	2128.8	1696.4	1415.0	1236.6	1108.2
-7.5°	21865.6	15763.8	10520.9	6562.9	4067.0	2755.8	2065.2	1659.7	1397.0	1226.3	1102.4
-10°	19394.7	13936.2	9188.2	5763.8	3693.1	2579.7	1973.8	1607.8	1369.8	1210.0	1092.3
-12.5°	16650.4	11797.0	7599.1	4739.8	3211.2	2357.6	1859.7	1542.7	1333.6	1187.7	1078.1
-15°	13473.4	9506.8	6277.1	4100.6	2844.7	2145.8	1735.3	1466.7	1290.3	1160.1	1059.9
-17.5°	10596.6	7369.2	4787.1	3327.6	2489.1	1970.1	1637.8	1410.3	1250.7	1132.5	1041.0
-20°	7741.8	5325.5	3817.4	2794.4	2163.1	1769.1	1524.4	1345.0	1210.1	1107.3	1025.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627465 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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°	5358.4	4004.1	2961.1	2299.2	1911.6	1629.8	1427.2	1277.0	1164.2	1079.4	1008.1
-25°	3847.0	2979.4	2373.2	1993.4	1697.5	1484.7	1335.5	1219.0	1126.7	1053.5	987.9
-27.5°	2815.2	2301.1	2001.6	1726.8	1522.6	1378.5	1258.0	1160.2	1084.8	1023.3	967.5
-30°	2178.9	1926.7	1710.2	1526.5	1394.3	1278.9	1186.1	1111.1	1046.1	989.9	938.8
-32.5°	1788.6	1645.6	1493.1	1384.4	1282.1	1197.3	1125.5	1061.6	1006.2	955.6	909.7
-35°	1539.8	1442.1	1347.2	1266.7	1192.2	1126.9	1065.8	1014.5	966.0	920.0	880.0
-37.5°	1364.0	1294.2	1233.7	1171.3	1115.8	1060.4	1012.3	968.5	924.6	887.0	851.2
-40°	1233.7	1183.7	1141.6	1093.6	1047.3	1000.6	963.1	924.6	889.2	854.3	822.4
-42.5°	1135.0	1100.7	1064.5	1025.6	986.6	952.3	918.1	886.1	853.7	822.8	795.1
-45°	1056.4	1027.6	995.8	967.3	937.0	907.2	876.8	847.0	817.9	792.3	768.3
-47.5°	988.8	966.1	941.4	916.6	890.9	864.0	835.6	807.0	783.8	761.0	736.0
-50°	931.1	912.0	891.1	869.3	847.2	822.3	796.2	769.5	748.4	726.2	702.1
-52.5°	877.4	862.3	844.9	826.2	805.5	782.4	758.3	733.2	711.3	690.0	666.0
-55°	828.2	816.1	799.9	782.5	763.8	742.4	719.8	695.9	673.4	652.9	624.4
-57.5°	779.7	768.9	753.2	737.2	721.0	699.4	676.9	655.6	632.1	607.2	579.3
-60°	723.3	716.4	699.6	682.8	666.5	648.7	627.5	606.1	584.7	558.9	528.9
-62.5°	652.8	645.3	632.3	618.6	605.1	590.6	571.8	551.7	531.3	507.7	474.9
-65°	575.7	567.4	558.3	550.0	539.7	527.2	510.7	492.1	470.0	444.5	417.0
-67.5°	505.1	498.7	491.7	483.8	474.1	461.8	445.6	426.4	406.2	385.4	363.7
-70°	441.6	436.5	429.9	421.1	409.9	396.9	381.7	365.1	347.6	329.2	310.4
-72.5°	377.1	372.3	365.4	355.6	344.5	332.7	320.0	305.8	290.2	273.2	257.7
-75°	310.3	306.1	300.2	291.7	282.5	272.5	261.3	248.9	236.4	223.8	211.6
-77.5°	245.2	240.7	235.1	228.0	220.3	212.1	203.2	194.1	185.1	175.6	165.7
-80°	182.0	178.5	174.7	169.3	163.2	156.5	149.2	142.4	135.2	128.4	122.0
-82.5°	124.0	122.9	121.2	116.7	112.0	107.4	102.7	98.7	94.3	89.8	85.0
-85°	69.6	69.5	68.9	66.9	64.7	62.3	59.8	57.1	54.2	51.2	48.0
-87.5°	24.7	24.3	23.8	23.3	22.8	22.2	21.5	20.9	20.1	19.4	18.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627465 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	17.8	16.9	16.0	15.1	14.1	13.1	12.1	11.1	10.1	9.0	7.9
85°	44.7	41.2	37.7	34.0	30.2	26.3	24.3	22.2	20.1	18.0	15.8
82.5°	80.0	74.9	69.5	64.0	58.3	52.4	46.4	40.2	33.7	27.5	23.7
80°	115.4	108.4	101.3	93.9	86.5	78.4	70.4	62.0	52.9	44.1	35.7
77.5°	155.3	144.5	133.3	124.0	115.5	106.1	95.8	84.3	71.8	60.5	49.6
75°	199.0	186.0	172.5	159.3	146.6	133.8	122.1	108.6	92.9	77.0	63.4
72.5°	244.1	229.1	212.8	196.1	181.1	165.6	149.7	132.6	114.6	96.4	77.9
70°	291.7	273.2	255.0	236.2	216.8	197.4	179.0	158.4	136.1	115.5	94.6
67.5°	341.1	319.1	297.3	276.0	254.0	231.5	208.4	184.4	159.5	134.3	111.1
65°	391.8	365.7	339.1	315.2	290.7	265.5	239.7	210.5	182.6	154.9	127.3
62.5°	443.3	413.1	383.7	354.7	326.9	299.1	270.2	237.4	205.4	175.0	144.5
60°	495.2	460.5	427.3	395.0	363.1	332.1	299.5	263.5	228.6	194.7	161.7
57.5°	544.9	506.6	468.9	433.6	399.0	364.6	328.1	289.3	251.0	214.3	178.6
55°	593.2	554.1	509.8	469.7	432.9	396.3	355.9	314.7	272.9	233.2	195.0
52.5°	635.8	596.8	550.9	505.0	463.8	425.5	382.3	339.3	295.1	251.4	210.9
50°	674.4	635.0	588.9	540.4	493.5	451.0	407.5	362.1	316.5	269.3	226.2
47.5°	707.7	669.9	624.4	573.7	523.6	475.5	430.3	383.7	337.1	287.7	241.1
45°	737.9	703.5	658.5	606.5	551.5	500.5	451.9	404.1	355.4	305.4	255.3
42.5°	766.0	732.7	691.5	638.5	579.9	524.4	472.5	422.8	372.6	322.2	269.5
40°	791.5	758.1	722.3	668.3	606.9	546.8	492.7	440.5	388.7	337.6	283.3
37.5°	816.7	782.1	745.1	696.2	632.1	569.8	511.6	457.3	404.2	351.3	296.3
35°	842.6	805.6	765.0	718.1	656.1	590.8	529.0	473.1	418.8	364.2	308.3
32.5°	867.4	826.6	783.4	736.7	678.6	610.0	545.9	488.3	432.4	376.2	319.5
30°	891.8	843.9	799.6	755.6	698.2	628.8	562.5	502.5	445.1	387.5	329.6
27.5°	910.3	859.0	814.0	770.5	714.6	646.2	578.7	515.7	456.8	397.8	338.5
25°	927.0	873.4	826.2	782.3	730.8	664.1	593.5	527.7	467.5	407.2	346.7
22.5°	943.7	886.0	836.5	792.3	746.1	680.2	607.5	539.7	477.1	415.6	354.1
20°	958.1	896.1	845.0	801.6	756.4	692.8	620.5	550.3	485.6	423.1	360.6
17.5°	970.4	906.4	853.9	809.1	763.4	703.5	632.0	559.6	493.0	429.6	366.2
15°	982.9	917.1	861.4	814.9	769.5	712.2	641.7	567.5	499.3	435.2	371.5
12.5°	993.7	925.0	867.3	819.1	774.7	719.0	649.8	574.0	504.4	440.3	376.4
10°	1002.1	930.3	871.4	821.7	778.7	724.0	656.1	580.1	510.5	445.0	380.4
7.5°	1008.0	932.9	873.8	822.8	781.6	728.4	662.2	586.7	516.0	448.6	383.5
5°	1012.0	934.1	875.4	825.3	783.2	732.5	666.7	591.8	520.4	451.2	385.8
2.5°	1016.7	934.6	875.5	827.1	783.2	735.0	669.3	595.6	523.6	452.8	387.1
0°	1018.3	932.9	873.8	827.8	781.8	735.8	670.1	597.8	525.6	453.3	387.6
-2.5°	1016.7	934.6	875.5	827.1	783.2	735.0	669.3	595.6	523.6	452.8	387.1
-5°	1012.0	934.1	875.4	825.3	783.2	732.5	666.7	591.8	520.4	451.2	385.8
-7.5°	1008.0	932.9	873.8	822.8	781.6	728.4	662.2	586.7	516.0	448.6	383.5
-10°	1002.1	930.3	871.4	821.7	778.7	724.0	656.1	580.1	510.5	445.0	380.4
-12.5°	993.7	925.0	867.3	819.1	774.7	719.0	649.8	574.0	504.4	440.3	376.4
-15°	982.9	917.1	861.4	814.9	769.5	712.2	641.7	567.5	499.3	435.2	371.5
-17.5°	970.4	906.4	853.9	809.1	763.4	703.5	632.0	559.6	493.0	429.6	366.2
-20°	958.1	896.1	845.0	801.6	756.4	692.8	620.5	550.3	485.6	423.1	360.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627465 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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°	943.7	886.0	836.5	792.3	746.1	680.2	607.5	539.7	477.1	415.6	354.1
-25°	927.0	873.4	826.2	782.3	730.8	664.1	593.5	527.7	467.5	407.2	346.7
-27.5°	910.3	859.0	814.0	770.5	714.6	646.2	578.7	515.7	456.8	397.8	338.5
-30°	891.8	843.9	799.6	755.6	698.2	628.8	562.5	502.5	445.1	387.5	329.6
-32.5°	867.4	826.6	783.4	736.7	678.6	610.0	545.9	488.3	432.4	376.2	319.5
-35°	842.6	805.6	765.0	718.1	656.1	590.8	529.0	473.1	418.8	364.2	308.3
-37.5°	816.7	782.1	745.1	696.2	632.1	569.8	511.6	457.3	404.2	351.3	296.3
-40°	791.5	758.1	722.3	668.3	606.9	546.8	492.7	440.5	388.7	337.6	283.3
-42.5°	766.0	732.7	691.5	638.5	579.9	524.4	472.5	422.8	372.6	322.2	269.5
-45°	737.9	703.5	658.5	606.5	551.5	500.5	451.9	404.1	355.4	305.4	255.3
-47.5°	707.7	669.9	624.4	573.7	523.6	475.5	430.3	383.7	337.1	287.7	241.1
-50°	674.4	635.0	588.9	540.4	493.5	451.0	407.5	362.1	316.5	269.3	226.2
-52.5°	635.8	596.8	550.9	505.0	463.8	425.5	382.3	339.3	295.1	251.4	210.9
-55°	593.2	554.1	509.8	469.7	432.9	396.3	355.9	314.7	272.9	233.2	195.0
-57.5°	544.9	506.6	468.9	433.6	399.0	364.6	328.1	289.3	251.0	214.3	178.6
-60°	495.2	460.5	427.3	395.0	363.1	332.1	299.5	263.5	228.6	194.7	161.7
-62.5°	443.3	413.1	383.7	354.7	326.9	299.1	270.2	237.4	205.4	175.0	144.5
-65°	391.8	365.7	339.1	315.2	290.7	265.5	239.7	210.5	182.6	154.9	127.3
-67.5°	341.1	319.1	297.3	276.0	254.0	231.5	208.4	184.4	159.5	134.3	111.1
-70°	291.7	273.2	255.0	236.2	216.8	197.4	179.0	158.4	136.1	115.5	94.6
-72.5°	244.1	229.1	212.8	196.1	181.1	165.6	149.7	132.6	114.6	96.4	77.9
-75°	199.0	186.0	172.5	159.3	146.6	133.8	122.1	108.6	92.9	77.0	63.4
-77.5°	155.3	144.5	133.3	124.0	115.5	106.1	95.8	84.3	71.8	60.5	49.6
-80°	115.4	108.4	101.3	93.9	86.5	78.4	70.4	62.0	52.9	44.1	35.7
-82.5°	80.0	74.9	69.5	64.0	58.3	52.4	46.4	40.2	33.7	27.5	23.7
-85°	44.7	41.2	37.7	34.0	30.2	26.3	24.3	22.2	20.1	18.0	15.8
-87.5°	17.8	16.9	16.0	15.1	14.1	13.1	12.1	11.1	10.1	9.0	7.9
-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: P627465 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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°	6.8	5.7	4.6	3.4	2.3	1.1	0.0
85°	13.6	11.4	9.1	6.9	4.6	2.3	0.0
82.5°	20.4	17.0	13.7	10.3	6.9	3.4	0.0
80°	27.7	22.7	18.2	13.7	9.1	4.6	0.0
77.5°	39.4	29.7	22.7	17.0	11.4	5.7	0.0
75°	51.0	39.4	27.7	20.4	13.6	6.8	0.0
72.5°	62.4	49.0	35.4	23.7	15.8	7.9	0.0
70°	74.2	58.4	42.9	27.4	18.0	9.0	0.0
67.5°	88.5	67.7	50.4	33.0	20.1	10.1	0.0
65°	102.6	78.2	57.7	38.5	22.2	11.1	0.0
62.5°	116.4	89.7	64.9	43.9	24.3	12.1	0.0
60°	129.9	101.0	71.9	49.2	26.3	13.1	0.0
57.5°	144.1	112.0	80.7	54.3	29.7	14.1	0.0
55°	157.9	122.7	89.2	59.3	33.0	15.1	0.0
52.5°	171.3	133.2	97.5	64.2	36.3	16.0	0.0
50°	184.1	143.8	105.6	68.9	39.4	16.9	0.0
47.5°	196.4	153.9	113.4	73.7	42.4	17.8	0.0
45°	208.6	163.6	120.8	79.3	45.3	18.6	0.0
42.5°	220.3	172.7	128.0	84.6	48.1	19.4	0.0
40°	231.4	181.4	134.9	89.7	50.7	20.1	0.0
37.5°	241.9	189.5	141.4	94.4	53.3	20.9	0.0
35°	251.8	197.6	147.6	98.8	55.6	21.5	0.0
32.5°	261.2	205.3	153.3	102.8	57.9	22.2	0.0
30°	270.1	212.5	158.6	106.6	59.9	22.8	0.0
27.5°	278.3	219.1	163.4	109.9	61.9	23.3	0.0
25°	285.6	225.2	167.8	113.0	63.7	23.8	0.0
22.5°	292.1	230.7	171.9	115.7	65.3	24.3	0.0
20°	297.9	235.5	175.6	118.0	66.7	24.7	0.0
17.5°	303.1	239.6	179.0	120.0	68.0	25.1	0.0
15°	307.9	243.0	181.9	121.7	69.2	25.4	0.0
12.5°	312.0	245.7	184.5	123.0	70.1	25.7	0.0
10°	315.5	247.7	186.6	124.0	70.9	25.9	0.0
7.5°	318.2	249.1	188.3	124.7	71.5	26.1	0.0
5°	320.3	249.9	189.5	125.1	71.9	26.2	0.0
2.5°	321.5	250.0	190.2	125.1	72.2	26.3	0.0
0°	321.9	249.6	190.5	124.8	72.3	26.3	0.0
-2.5°	321.5	250.0	190.2	125.1	72.2	26.3	0.0
-5°	320.3	249.9	189.5	125.1	71.9	26.2	0.0
-7.5°	318.2	249.1	188.3	124.7	71.5	26.1	0.0
-10°	315.5	247.7	186.6	124.0	70.9	25.9	0.0
-12.5°	312.0	245.7	184.5	123.0	70.1	25.7	0.0
-15°	307.9	243.0	181.9	121.7	69.2	25.4	0.0
-17.5°	303.1	239.6	179.0	120.0	68.0	25.1	0.0
-20°	297.9	235.5	175.6	118.0	66.7	24.7	0.0

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REPORT NUMBER: P627465 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	292.1	230.7	171.9	115.7	65.3	24.3	0.0
-25°	285.6	225.2	167.8	113.0	63.7	23.8	0.0
-27.5°	278.3	219.1	163.4	109.9	61.9	23.3	0.0
-30°	270.1	212.5	158.6	106.6	59.9	22.8	0.0
-32.5°	261.2	205.3	153.3	102.8	57.9	22.2	0.0
-35°	251.8	197.6	147.6	98.8	55.6	21.5	0.0
-37.5°	241.9	189.5	141.4	94.4	53.3	20.9	0.0
-40°	231.4	181.4	134.9	89.7	50.7	20.1	0.0
-42.5°	220.3	172.7	128.0	84.6	48.1	19.4	0.0
-45°	208.6	163.6	120.8	79.3	45.3	18.6	0.0
-47.5°	196.4	153.9	113.4	73.7	42.4	17.8	0.0
-50°	184.1	143.8	105.6	68.9	39.4	16.9	0.0
-52.5°	171.3	133.2	97.5	64.2	36.3	16.0	0.0
-55°	157.9	122.7	89.2	59.3	33.0	15.1	0.0
-57.5°	144.1	112.0	80.7	54.3	29.7	14.1	0.0
-60°	129.9	101.0	71.9	49.2	26.3	13.1	0.0
-62.5°	116.4	89.7	64.9	43.9	24.3	12.1	0.0
-65°	102.6	78.2	57.7	38.5	22.2	11.1	0.0
-67.5°	88.5	67.7	50.4	33.0	20.1	10.1	0.0
-70°	74.2	58.4	42.9	27.4	18.0	9.0	0.0
-72.5°	62.4	49.0	35.4	23.7	15.8	7.9	0.0
-75°	51.0	39.4	27.7	20.4	13.6	6.8	0.0
-77.5°	39.4	29.7	22.7	17.0	11.4	5.7	0.0
-80°	27.7	22.7	18.2	13.7	9.1	4.6	0.0
-82.5°	20.4	17.0	13.7	10.3	6.9	3.4	0.0
-85°	13.6	11.4	9.1	6.9	4.6	2.3	0.0
-87.5°	6.8	5.7	4.6	3.4	2.3	1.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)