

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: P627725 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-722-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627725 (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-SA5E-722-U-MR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N109
Light Source: (80) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

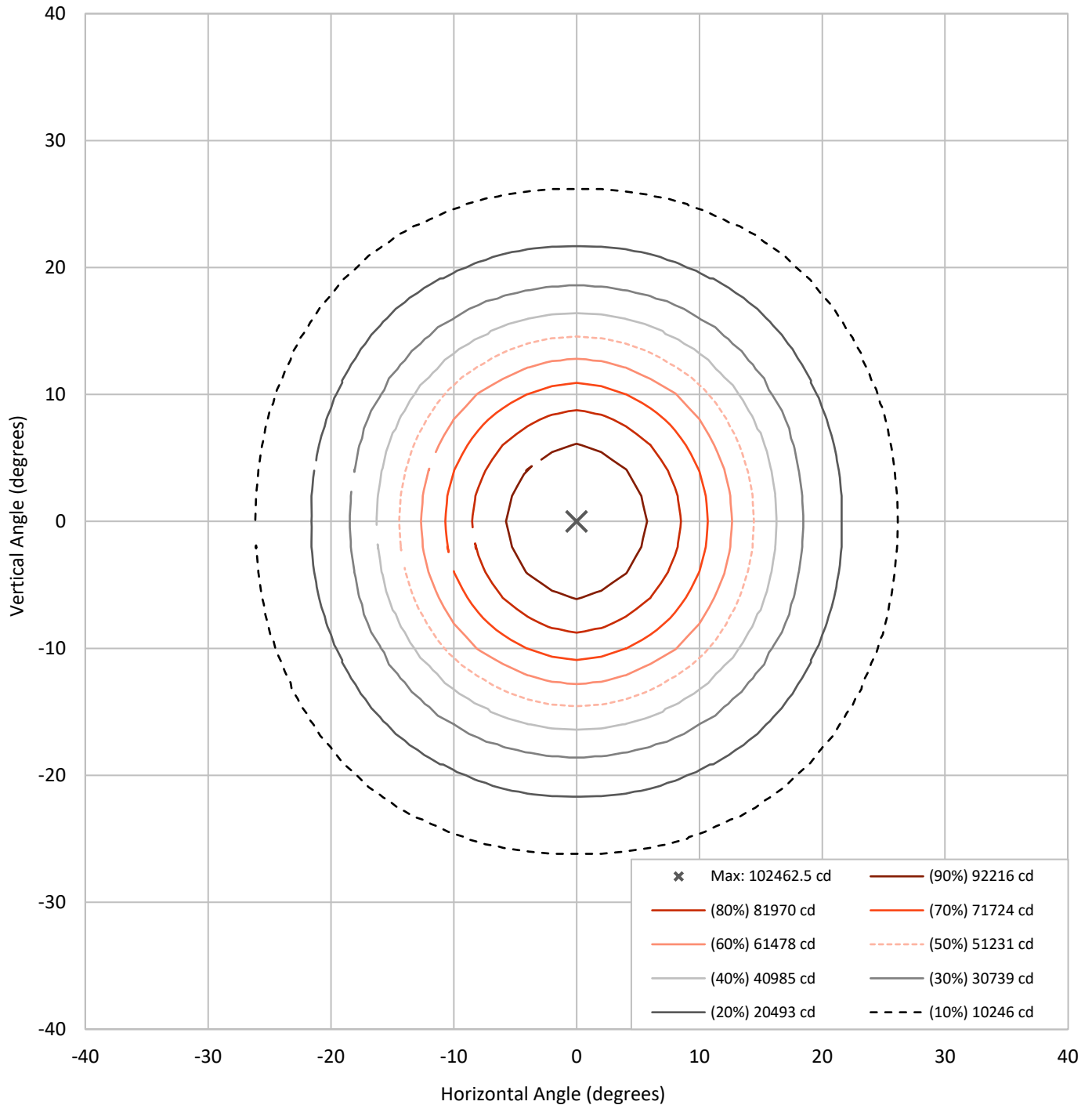
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	32012.8 lumens	Max Intensity:	102462.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	102.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	15564.2 lumens	Field Lumens:	26266 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	313.7		
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





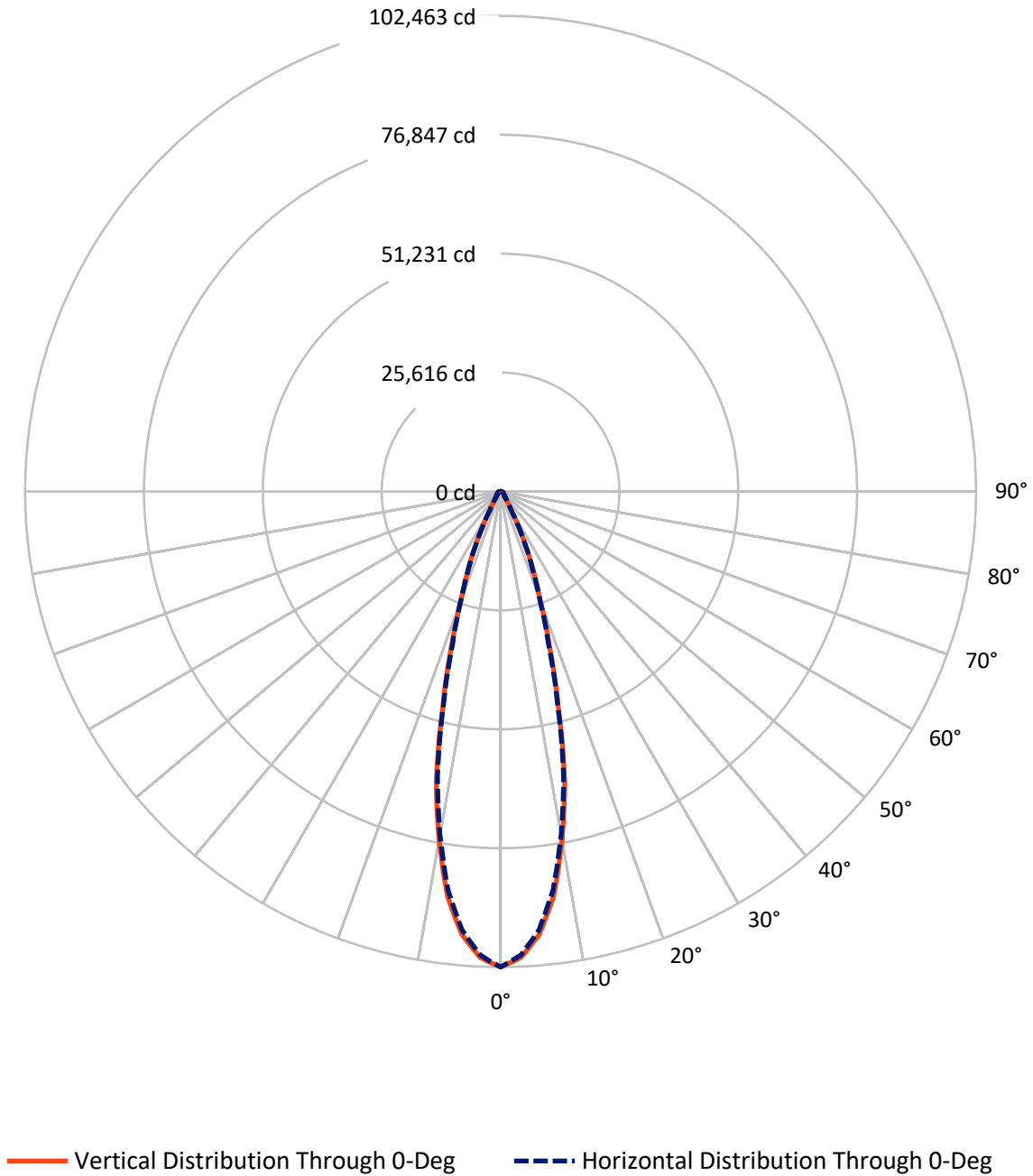
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Lumen Table

90																			
80	0.6	5.3		13.9		22.0		24.4		22.0		13.9		5.3		0.6			
70																			
60	2.4	2.8	5.5	9.0	12.7	15.5	17.3	18.2	18.2	17.3	15.5	12.7	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	32.6	35.0	35.0	32.6	27.7	21.9	16.5	10.6	5.3	4.2			
30		6.2	12.4	19.0	26.9	38.3	55.5	72.1	72.1	55.5	38.3	26.9	19.0	12.4	6.2				
20	5.4	6.9	13.6	21.4	34.4	74.8	210.7	373.7	373.7	210.7	74.8	34.4	21.4	13.6	6.9	5.4			
10		7.4	14.3	23.3	46.9	196.5	700.3	1341.9	1341.9	700.3	196.5	46.9	23.3	14.3	7.4				
0	5.8	7.7	14.5	24.5	59.6	339.1	1296.2	2549.5	2549.5	1296.2	339.1	59.6	24.5	14.5	7.7	5.8			
-10		7.7	14.5	24.5	59.6	339.1	1296.2	2549.5	2549.5	1296.2	339.1	59.6	24.5	14.5	7.7				
-20	5.4	7.4	14.3	23.3	46.9	196.5	700.3	1341.9	1341.9	700.3	196.5	46.9	23.3	14.3	7.4	5.4			
-30		6.9	13.6	21.4	34.4	74.8	210.7	373.7	373.7	210.7	74.8	34.4	21.4	13.6	6.9				
-40	4.2	6.2	12.4	19.0	26.9	38.3	55.5	72.1	72.1	55.5	38.3	26.9	19.0	12.4	6.2	4.2			
-50		5.3	10.6	16.5	21.9	27.7	32.6	35.0	35.0	32.6	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	12.7	15.5	17.3	18.2	18.2	17.3	15.5	12.7	9.0	5.5	2.8				
-80																			
-90	0.6	5.3		13.9		22.0		24.4		22.0		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

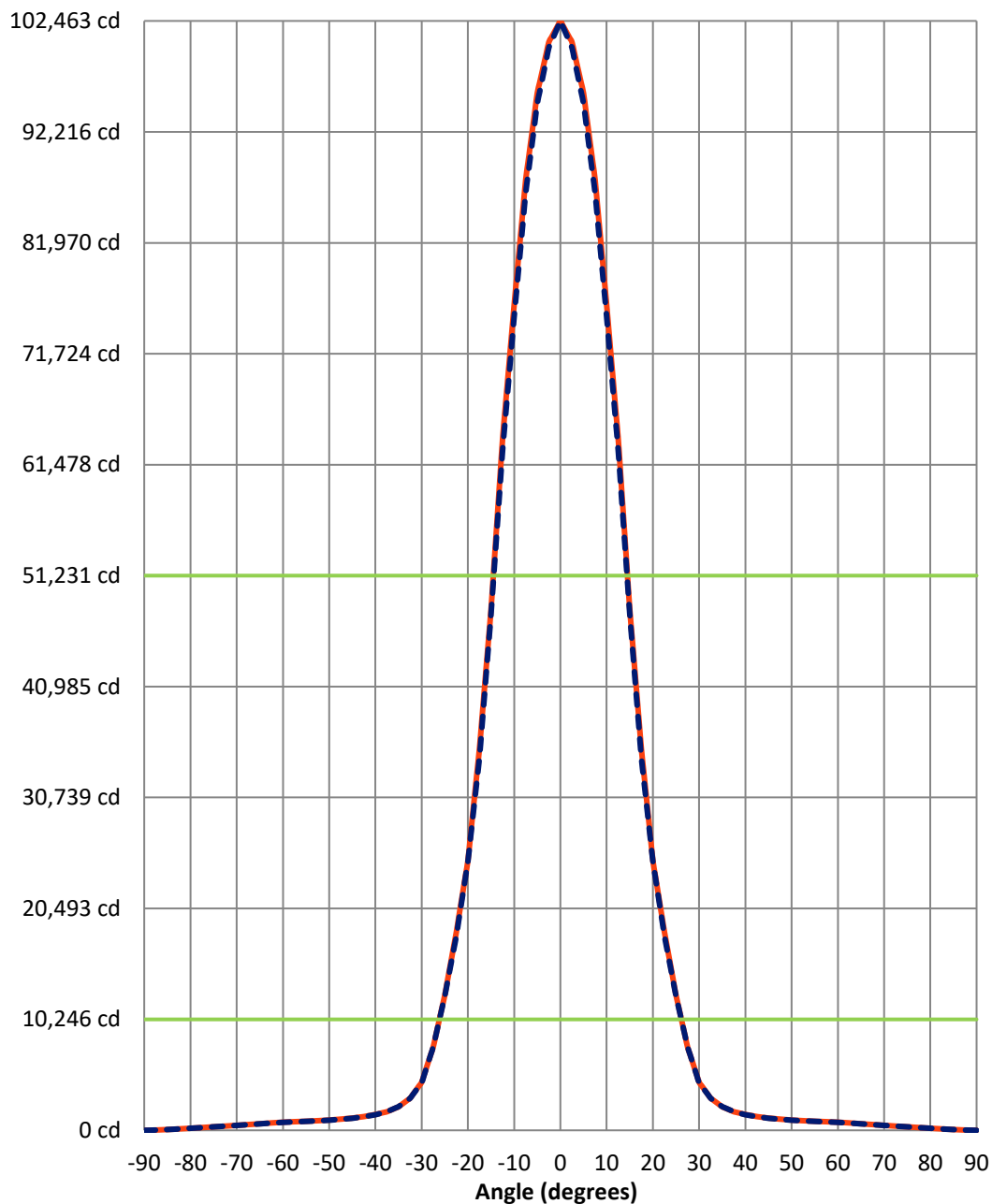
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 15564.2
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 26266
 Efficiency: 82.0%

Spill:
 Lumens: 5746.8
 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	62.1
77.5°	0.0	5.7	11.4	17.0	22.7	29.7	39.4	49.6	60.5	71.9	84.4
75°	0.0	6.8	13.6	20.4	27.7	39.4	51.0	63.4	77.0	93.0	108.7
72.5°	0.0	7.9	15.8	23.7	35.4	49.0	62.4	77.9	96.4	114.7	132.7
70°	0.0	9.0	18.0	27.4	42.9	58.4	74.2	94.7	115.5	136.2	158.6
67.5°	0.0	10.1	20.1	33.0	50.4	67.7	88.5	111.2	134.4	159.7	184.5
65°	0.0	11.1	22.2	38.5	57.7	78.2	102.6	127.4	155.0	182.7	210.7
62.5°	0.0	12.1	24.3	43.9	64.9	89.7	116.4	144.6	175.2	205.6	237.6
60°	0.0	13.1	26.3	49.2	71.9	101.0	130.0	161.9	194.9	228.8	263.8
57.5°	0.0	14.1	29.7	54.3	80.7	112.0	144.2	178.8	214.5	251.3	289.7
55°	0.0	15.1	33.0	59.3	89.3	122.8	158.1	195.2	233.5	273.2	315.1
52.5°	0.0	16.0	36.3	64.2	97.6	133.3	171.5	211.1	251.7	295.4	339.7
50°	0.0	16.9	39.4	68.9	105.7	143.9	184.3	226.5	269.6	316.9	362.5
47.5°	0.0	17.8	42.4	73.7	113.4	154.0	196.6	241.3	288.0	337.5	384.1
45°	0.0	18.6	45.3	79.3	120.9	163.7	208.8	255.6	305.8	355.8	404.6
42.5°	0.0	19.4	48.1	84.7	128.1	172.9	220.5	269.8	322.6	373.0	423.3
40°	0.0	20.1	50.7	89.7	135.0	181.6	231.6	283.7	338.0	389.2	441.1
37.5°	0.0	20.9	53.3	94.4	141.5	189.7	242.2	296.6	351.7	404.7	457.9
35°	0.0	21.5	55.6	98.8	147.7	197.8	252.1	308.7	364.6	419.3	473.7
32.5°	0.0	22.2	57.9	102.9	153.4	205.5	261.5	319.9	376.7	433.0	488.9
30°	0.0	22.8	59.9	106.6	158.7	212.7	270.5	330.0	387.9	445.7	503.1
27.5°	0.0	23.3	61.9	110.0	163.5	219.4	278.6	339.0	398.2	457.4	516.2
25°	0.0	23.8	63.7	113.1	168.0	225.5	285.9	347.1	407.6	468.0	528.3
22.5°	0.0	24.3	65.3	115.8	172.1	231.0	292.5	354.5	416.1	477.6	540.3
20°	0.0	24.7	66.7	118.2	175.8	235.8	298.2	361.0	423.6	486.1	550.9
17.5°	0.0	25.1	68.0	120.2	179.2	239.8	303.5	366.6	430.1	493.6	560.2
15°	0.0	25.4	69.2	121.9	182.1	243.2	308.3	371.9	435.6	499.8	568.1
12.5°	0.0	25.7	70.1	123.2	184.7	246.0	312.4	376.8	440.8	505.0	574.6
10°	0.0	25.9	70.9	124.2	186.8	248.0	315.9	380.8	445.5	511.1	580.7
7.5°	0.0	26.1	71.5	124.9	188.5	249.4	318.6	383.9	449.1	516.6	587.3
5°	0.0	26.2	71.9	125.2	189.7	250.2	320.6	386.2	451.7	521.0	592.5
2.5°	0.0	26.3	72.2	125.3	190.4	250.3	321.9	387.5	453.3	524.2	596.2
0°	0.0	26.3	72.3	125.0	190.7	249.9	322.3	388.0	453.8	526.2	598.5
-2.5°	0.0	26.3	72.2	125.3	190.4	250.3	321.9	387.5	453.3	524.2	596.2
-5°	0.0	26.2	71.9	125.2	189.7	250.2	320.6	386.2	451.7	521.0	592.5
-7.5°	0.0	26.1	71.5	124.9	188.5	249.4	318.6	383.9	449.1	516.6	587.3
-10°	0.0	25.9	70.9	124.2	186.8	248.0	315.9	380.8	445.5	511.1	580.7
-12.5°	0.0	25.7	70.1	123.2	184.7	246.0	312.4	376.8	440.8	505.0	574.6
-15°	0.0	25.4	69.2	121.9	182.1	243.2	308.3	371.9	435.6	499.8	568.1
-17.5°	0.0	25.1	68.0	120.2	179.2	239.8	303.5	366.6	430.1	493.6	560.2
-20°	0.0	24.7	66.7	118.2	175.8	235.8	298.2	361.0	423.6	486.1	550.9

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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	24.3	65.3	115.8	172.1	231.0	292.5	354.5	416.1	477.6	540.3
-25°	0.0	23.8	63.7	113.1	168.0	225.5	285.9	347.1	407.6	468.0	528.3
-27.5°	0.0	23.3	61.9	110.0	163.5	219.4	278.6	339.0	398.2	457.4	516.2
-30°	0.0	22.8	59.9	106.6	158.7	212.7	270.5	330.0	387.9	445.7	503.1
-32.5°	0.0	22.2	57.9	102.9	153.4	205.5	261.5	319.9	376.7	433.0	488.9
-35°	0.0	21.5	55.6	98.8	147.7	197.8	252.1	308.7	364.6	419.3	473.7
-37.5°	0.0	20.9	53.3	94.4	141.5	189.7	242.2	296.6	351.7	404.7	457.9
-40°	0.0	20.1	50.7	89.7	135.0	181.6	231.6	283.7	338.0	389.2	441.1
-42.5°	0.0	19.4	48.1	84.7	128.1	172.9	220.5	269.8	322.6	373.0	423.3
-45°	0.0	18.6	45.3	79.3	120.9	163.7	208.8	255.6	305.8	355.8	404.6
-47.5°	0.0	17.8	42.4	73.7	113.4	154.0	196.6	241.3	288.0	337.5	384.1
-50°	0.0	16.9	39.4	68.9	105.7	143.9	184.3	226.5	269.6	316.9	362.5
-52.5°	0.0	16.0	36.3	64.2	97.6	133.3	171.5	211.1	251.7	295.4	339.7
-55°	0.0	15.1	33.0	59.3	89.3	122.8	158.1	195.2	233.5	273.2	315.1
-57.5°	0.0	14.1	29.7	54.3	80.7	112.0	144.2	178.8	214.5	251.3	289.7
-60°	0.0	13.1	26.3	49.2	71.9	101.0	130.0	161.9	194.9	228.8	263.8
-62.5°	0.0	12.1	24.3	43.9	64.9	89.7	116.4	144.6	175.2	205.6	237.6
-65°	0.0	11.1	22.2	38.5	57.7	78.2	102.6	127.4	155.0	182.7	210.7
-67.5°	0.0	10.1	20.1	33.0	50.4	67.7	88.5	111.2	134.4	159.7	184.5
-70°	0.0	9.0	18.0	27.4	42.9	58.4	74.2	94.7	115.5	136.2	158.6
-72.5°	0.0	7.9	15.8	23.7	35.4	49.0	62.4	77.9	96.4	114.7	132.7
-75°	0.0	6.8	13.6	20.4	27.7	39.4	51.0	63.4	77.0	93.0	108.7
-77.5°	0.0	5.7	11.4	17.0	22.7	29.7	39.4	49.6	60.5	71.9	84.4
-80°	0.0	4.6	9.1	13.7	18.2	22.7	27.7	35.7	44.1	52.9	62.1
-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	41.3	44.7	48.0	51.2	54.2	57.1
82.5°	46.4	52.4	58.3	64.0	69.6	75.0	80.1	85.1	89.9	94.4	98.8
80°	70.5	78.5	86.6	94.0	101.4	108.5	115.5	122.1	128.5	135.3	142.5
77.5°	95.9	106.2	115.6	124.1	133.4	144.6	155.4	165.8	175.8	185.3	194.3
75°	122.2	133.9	146.7	159.4	172.7	186.2	199.2	211.8	224.0	236.6	249.2
72.5°	149.8	165.8	181.3	196.3	213.0	229.3	244.4	258.0	273.5	290.5	306.1
70°	179.2	197.6	217.1	236.4	255.3	273.5	292.1	310.8	329.6	348.0	365.5
67.5°	208.6	231.7	254.3	276.3	297.7	319.5	341.5	364.1	385.8	406.6	426.8
65°	240.0	265.8	291.0	315.6	339.5	366.1	392.2	417.4	444.9	470.5	492.7
62.5°	270.5	299.4	327.3	355.1	384.1	413.5	443.7	475.4	508.3	531.9	552.3
60°	299.8	332.4	363.5	395.4	427.7	460.9	495.7	529.5	559.4	585.3	606.7
57.5°	328.5	365.0	399.4	434.0	469.4	507.1	545.5	579.9	607.9	632.8	656.3
55°	356.3	396.7	433.3	470.2	510.3	554.6	593.8	625.0	653.6	674.1	696.7
52.5°	382.7	425.9	464.3	505.6	551.5	597.5	636.5	666.8	690.7	712.1	734.0
50°	407.9	451.5	494.0	540.9	589.5	635.6	675.1	702.9	727.0	749.3	770.4
47.5°	430.8	476.1	524.2	574.3	625.1	670.7	708.5	736.9	761.8	784.7	807.9
45°	452.4	501.1	552.1	607.1	659.2	704.3	738.7	769.2	793.2	818.8	848.0
42.5°	473.1	525.0	580.6	639.2	692.2	733.5	766.9	796.0	823.8	854.7	887.1
40°	493.3	547.4	607.6	669.1	723.1	759.0	792.4	823.3	855.3	890.3	925.7
37.5°	512.2	570.4	632.8	697.0	745.9	783.0	817.6	852.1	888.0	925.7	969.6
35°	529.6	591.5	656.9	719.0	765.9	806.5	843.5	880.9	921.1	967.1	1015.6
32.5°	546.6	610.7	679.3	737.5	784.3	827.5	868.3	910.7	956.7	1007.3	1062.8
30°	563.2	629.5	699.0	756.5	800.5	844.8	892.8	939.9	991.0	1047.2	1112.3
27.5°	579.3	646.9	715.4	771.4	814.9	859.9	911.3	968.6	1024.4	1086.0	1161.5
25°	594.1	664.8	731.7	783.2	827.1	874.3	928.0	989.0	1054.7	1127.9	1220.4
22.5°	608.1	681.0	747.0	793.2	837.4	886.9	944.7	1009.2	1080.6	1165.5	1278.5
20°	621.2	693.6	757.2	802.4	845.9	897.1	959.1	1027.1	1108.6	1211.5	1346.6
17.5°	632.7	704.3	764.3	810.0	854.8	907.4	971.5	1042.2	1133.8	1252.1	1411.9
15°	642.4	713.0	770.4	815.8	862.4	918.1	984.1	1061.1	1161.4	1291.8	1468.3
12.5°	650.5	719.8	775.5	820.0	868.2	926.1	994.8	1079.3	1189.1	1335.2	1544.4
10°	656.8	724.8	779.5	822.6	872.4	931.3	1003.2	1093.6	1211.4	1371.4	1609.6
7.5°	663.0	729.2	782.4	823.7	874.8	933.9	1009.1	1103.6	1227.7	1398.6	1661.5
5°	667.5	733.3	784.0	826.2	876.3	935.1	1013.1	1109.5	1238.0	1416.5	1698.2
2.5°	670.1	735.8	784.1	828.0	876.4	935.6	1017.8	1112.7	1249.3	1431.7	1719.2
0°	670.9	736.6	782.7	828.7	874.7	933.9	1019.4	1111.5	1256.2	1440.4	1723.2
-2.5°	670.1	735.8	784.1	828.0	876.4	935.6	1017.8	1112.7	1249.3	1431.7	1719.2
-5°	667.5	733.3	784.0	826.2	876.3	935.1	1013.1	1109.5	1238.0	1416.5	1698.2
-7.5°	663.0	729.2	782.4	823.7	874.8	933.9	1009.1	1103.6	1227.7	1398.6	1661.5
-10°	656.8	724.8	779.5	822.6	872.4	931.3	1003.2	1093.6	1211.4	1371.4	1609.6
-12.5°	650.5	719.8	775.5	820.0	868.2	926.1	994.8	1079.3	1189.1	1335.2	1544.4
-15°	642.4	713.0	770.4	815.8	862.4	918.1	984.1	1061.1	1161.4	1291.8	1468.3
-17.5°	632.7	704.3	764.3	810.0	854.8	907.4	971.5	1042.2	1133.8	1252.1	1411.9
-20°	621.2	693.6	757.2	802.4	845.9	897.1	959.1	1027.1	1108.6	1211.5	1346.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627725 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-722-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°	608.1	681.0	747.0	793.2	837.4	886.9	944.7	1009.2	1080.6	1165.5	1278.5
-25°	594.1	664.8	731.7	783.2	827.1	874.3	928.0	989.0	1054.7	1127.9	1220.4
-27.5°	579.3	646.9	715.4	771.4	814.9	859.9	911.3	968.6	1024.4	1086.0	1161.5
-30°	563.2	629.5	699.0	756.5	800.5	844.8	892.8	939.9	991.0	1047.2	1112.3
-32.5°	546.6	610.7	679.3	737.5	784.3	827.5	868.3	910.7	956.7	1007.3	1062.8
-35°	529.6	591.5	656.9	719.0	765.9	806.5	843.5	880.9	921.1	967.1	1015.6
-37.5°	512.2	570.4	632.8	697.0	745.9	783.0	817.6	852.1	888.0	925.7	969.6
-40°	493.3	547.4	607.6	669.1	723.1	759.0	792.4	823.3	855.3	890.3	925.7
-42.5°	473.1	525.0	580.6	639.2	692.2	733.5	766.9	796.0	823.8	854.7	887.1
-45°	452.4	501.1	552.1	607.1	659.2	704.3	738.7	769.2	793.2	818.8	848.0
-47.5°	430.8	476.1	524.2	574.3	625.1	670.7	708.5	736.9	761.8	784.7	807.9
-50°	407.9	451.5	494.0	540.9	589.5	635.6	675.1	702.9	727.0	749.3	770.4
-52.5°	382.7	425.9	464.3	505.6	551.5	597.5	636.5	666.8	690.7	712.1	734.0
-55°	356.3	396.7	433.3	470.2	510.3	554.6	593.8	625.0	653.6	674.1	696.7
-57.5°	328.5	365.0	399.4	434.0	469.4	507.1	545.5	579.9	607.9	632.8	656.3
-60°	299.8	332.4	363.5	395.4	427.7	460.9	495.7	529.5	559.4	585.3	606.7
-62.5°	270.5	299.4	327.3	355.1	384.1	413.5	443.7	475.4	508.3	531.9	552.3
-65°	240.0	265.8	291.0	315.6	339.5	366.1	392.2	417.4	444.9	470.5	492.7
-67.5°	208.6	231.7	254.3	276.3	297.7	319.5	341.5	364.1	385.8	406.6	426.8
-70°	179.2	197.6	217.1	236.4	255.3	273.5	292.1	310.8	329.6	348.0	365.5
-72.5°	149.8	165.8	181.3	196.3	213.0	229.3	244.4	258.0	273.5	290.5	306.1
-75°	122.2	133.9	146.7	159.4	172.7	186.2	199.2	211.8	224.0	236.6	249.2
-77.5°	95.9	106.2	115.6	124.1	133.4	144.6	155.4	165.8	175.8	185.3	194.3
-80°	70.5	78.5	86.6	94.0	101.4	108.5	115.5	122.1	128.5	135.3	142.5
-82.5°	46.4	52.4	58.3	64.0	69.6	75.0	80.1	85.1	89.9	94.4	98.8
-85°	24.3	26.3	30.2	34.0	37.7	41.3	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: P627725 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-722-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	62.4	64.8	67.0	69.0	69.5	69.7	69.6	69.2	70.1	70.9
82.5°	102.8	107.5	112.1	116.8	121.3	123.0	124.1	125.0	125.5	127.3	128.8
80°	149.3	156.6	163.4	169.5	174.8	178.7	182.1	185.3	188.3	189.6	190.3
77.5°	203.4	212.3	220.6	228.2	235.3	240.9	245.5	249.1	251.9	253.7	254.9
75°	261.6	272.8	282.8	292.0	300.5	306.5	310.6	313.6	315.7	317.9	319.6
72.5°	320.4	333.1	344.9	356.0	365.8	372.7	377.5	381.4	384.3	386.5	387.6
70°	382.1	397.3	410.3	421.5	430.3	436.9	442.1	446.3	449.5	451.7	452.9
67.5°	446.0	462.3	474.5	484.3	492.2	499.2	505.7	510.4	513.6	516.7	520.1
65°	511.2	527.8	540.3	550.7	559.0	568.1	576.3	582.5	586.6	590.3	594.1
62.5°	572.5	591.3	605.8	619.3	633.0	646.0	653.5	659.3	663.4	667.1	671.4
60°	628.2	649.4	667.2	683.6	700.4	717.2	724.1	729.5	734.7	739.5	743.8
57.5°	677.6	700.2	721.8	738.0	754.1	769.8	780.6	786.6	790.5	792.8	794.6
55°	720.7	743.2	764.7	783.4	800.8	817.0	829.1	834.9	839.2	842.0	843.7
52.5°	759.2	783.3	806.4	827.1	845.8	863.3	878.4	886.4	892.9	897.5	899.0
50°	797.1	823.2	848.1	870.2	892.1	912.9	932.1	943.3	951.1	955.9	957.4
47.5°	836.6	864.9	891.9	917.6	942.4	967.1	989.9	1005.1	1016.3	1024.6	1030.5
45°	877.8	908.3	938.0	968.4	997.0	1028.8	1057.6	1079.7	1096.0	1110.2	1121.5
42.5°	919.2	953.4	987.6	1026.8	1065.7	1101.9	1136.2	1165.5	1192.2	1218.4	1238.8
40°	964.2	1001.7	1048.5	1094.9	1142.9	1185.1	1235.1	1279.9	1321.0	1365.3	1402.0
37.5°	1013.4	1061.6	1117.1	1172.7	1235.1	1295.7	1365.5	1434.3	1494.1	1571.8	1634.2
35°	1067.0	1128.1	1193.6	1268.2	1348.7	1443.8	1541.5	1656.2	1753.5	1877.0	1991.0
32.5°	1126.7	1198.7	1283.5	1386.0	1494.7	1647.4	1790.6	1985.0	2151.1	2365.4	2599.6
30°	1187.5	1280.3	1395.9	1528.2	1712.2	1928.8	2181.4	2510.0	2865.4	3233.1	3728.1
27.5°	1259.5	1380.0	1524.3	1728.8	2003.9	2303.8	2818.3	3374.0	4148.0	4760.8	5852.2
25°	1337.0	1486.3	1699.3	1995.7	2375.8	2982.7	3851.3	4857.1	6406.0	7783.8	9367.1
22.5°	1428.8	1631.6	1913.7	2301.8	2964.4	4008.6	5364.4	7429.9	9726.0	11992.2	14063.5
20°	1526.1	1771.1	2165.5	2797.6	3821.7	5331.5	7750.6	10702.0	13750.2	16855.9	19473.2
17.5°	1639.7	1972.3	2491.9	3331.4	4792.5	7377.5	10608.5	14361.3	18343.7	22306.8	25749.2
15°	1737.3	2148.2	2848.0	4105.2	6284.1	9517.5	13488.6	18228.3	23236.3	28379.5	33953.7
12.5°	1861.8	2360.2	3214.8	4745.1	7607.6	11810.2	16669.1	22172.2	28287.5	35116.4	43806.6
10°	1976.0	2582.6	3697.3	5770.3	9198.5	13951.9	19416.4	25659.8	33592.0	43854.1	54336.5
7.5°	2067.5	2759.0	4071.6	6570.2	10532.7	15781.4	21890.1	29375.6	39271.7	51491.6	63468.4
5°	2131.2	2881.2	4339.3	7174.7	11605.9	17179.7	23645.6	32114.9	44059.1	57743.1	69972.3
2.5°	2171.2	2948.1	4470.4	7533.6	12306.0	18021.1	24740.9	33855.8	46993.3	61722.8	74104.4
0°	2190.1	2959.6	4386.8	7708.2	12404.2	17961.7	24841.2	34437.0	47689.6	62803.4	75135.2
-2.5°	2171.2	2948.1	4470.4	7533.6	12306.0	18021.1	24740.9	33855.8	46993.3	61722.8	74104.4
-5°	2131.2	2881.2	4339.3	7174.7	11605.9	17179.7	23645.6	32114.9	44059.1	57743.1	69972.3
-7.5°	2067.5	2759.0	4071.6	6570.2	10532.7	15781.4	21890.1	29375.6	39271.7	51491.6	63468.4
-10°	1976.0	2582.6	3697.3	5770.3	9198.5	13951.9	19416.4	25659.8	33592.0	43854.1	54336.5
-12.5°	1861.8	2360.2	3214.8	4745.1	7607.6	11810.2	16669.1	22172.2	28287.5	35116.4	43806.6
-15°	1737.3	2148.2	2848.0	4105.2	6284.1	9517.5	13488.6	18228.3	23236.3	28379.5	33953.7
-17.5°	1639.7	1972.3	2491.9	3331.4	4792.5	7377.5	10608.5	14361.3	18343.7	22306.8	25749.2
-20°	1526.1	1771.1	2165.5	2797.6	3821.7	5331.5	7750.6	10702.0	13750.2	16855.9	19473.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627725 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1428.8	1631.6	1913.7	2301.8	2964.4	4008.6	5364.4	7429.9	9726.0	11992.2	14063.5
-25°	1337.0	1486.3	1699.3	1995.7	2375.8	2982.7	3851.3	4857.1	6406.0	7783.8	9367.1
-27.5°	1259.5	1380.0	1524.3	1728.8	2003.9	2303.8	2818.3	3374.0	4148.0	4760.8	5852.2
-30°	1187.5	1280.3	1395.9	1528.2	1712.2	1928.8	2181.4	2510.0	2865.4	3233.1	3728.1
-32.5°	1126.7	1198.7	1283.5	1386.0	1494.7	1647.4	1790.6	1985.0	2151.1	2365.4	2599.6
-35°	1067.0	1128.1	1193.6	1268.2	1348.7	1443.8	1541.5	1656.2	1753.5	1877.0	1991.0
-37.5°	1013.4	1061.6	1117.1	1172.7	1235.1	1295.7	1365.5	1434.3	1494.1	1571.8	1634.2
-40°	964.2	1001.7	1048.5	1094.9	1142.9	1185.1	1235.1	1279.9	1321.0	1365.3	1402.0
-42.5°	919.2	953.4	987.6	1026.8	1065.7	1101.9	1136.2	1165.5	1192.2	1218.4	1238.8
-45°	877.8	908.3	938.0	968.4	997.0	1028.8	1057.6	1079.7	1096.0	1110.2	1121.5
-47.5°	836.6	864.9	891.9	917.6	942.4	967.1	989.9	1005.1	1016.3	1024.6	1030.5
-50°	797.1	823.2	848.1	870.2	892.1	912.9	932.1	943.3	951.1	955.9	957.4
-52.5°	759.2	783.3	806.4	827.1	845.8	863.3	878.4	886.4	892.9	897.5	899.0
-55°	720.7	743.2	764.7	783.4	800.8	817.0	829.1	834.9	839.2	842.0	843.7
-57.5°	677.6	700.2	721.8	738.0	754.1	769.8	780.6	786.6	790.5	792.8	794.6
-60°	628.2	649.4	667.2	683.6	700.4	717.2	724.1	729.5	734.7	739.5	743.8
-62.5°	572.5	591.3	605.8	619.3	633.0	646.0	653.5	659.3	663.4	667.1	671.4
-65°	511.2	527.8	540.3	550.7	559.0	568.1	576.3	582.5	586.6	590.3	594.1
-67.5°	446.0	462.3	474.5	484.3	492.2	499.2	505.7	510.4	513.6	516.7	520.1
-70°	382.1	397.3	410.3	421.5	430.3	436.9	442.1	446.3	449.5	451.7	452.9
-72.5°	320.4	333.1	344.9	356.0	365.8	372.7	377.5	381.4	384.3	386.5	387.6
-75°	261.6	272.8	282.8	292.0	300.5	306.5	310.6	313.6	315.7	317.9	319.6
-77.5°	203.4	212.3	220.6	228.2	235.3	240.9	245.5	249.1	251.9	253.7	254.9
-80°	149.3	156.6	163.4	169.5	174.8	178.7	182.1	185.3	188.3	189.6	190.3
-82.5°	102.8	107.5	112.1	116.8	121.3	123.0	124.1	125.0	125.5	127.3	128.8
-85°	59.8	62.4	64.8	67.0	69.0	69.5	69.7	69.6	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: P627725 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-722-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	69.6
82.5°	130.0	130.8	131.3	131.5	131.3	130.8	130.0	128.8	127.3	125.5	125.0
80°	190.3	189.8	190.5	190.7	190.5	189.8	190.3	190.3	189.6	188.3	185.3
77.5°	255.4	255.3	256.2	256.5	256.2	255.3	255.4	254.9	253.7	251.9	249.1
75°	320.6	320.9	321.9	322.3	321.9	320.9	320.6	319.6	317.9	315.7	313.6
72.5°	387.6	386.5	387.5	388.0	387.5	386.5	387.6	387.6	386.5	384.3	381.4
70°	453.0	452.1	456.3	460.4	456.3	452.1	453.0	452.9	451.7	449.5	446.3
67.5°	522.5	523.9	528.5	532.7	528.5	523.9	522.5	520.1	516.7	513.6	510.4
65°	596.0	596.2	600.7	605.1	600.7	596.2	596.0	594.1	590.3	586.6	582.5
62.5°	673.9	674.7	679.4	684.0	679.4	674.7	673.9	671.4	667.1	663.4	659.3
60°	746.4	747.2	748.9	749.8	748.9	747.2	746.4	743.8	739.5	734.7	729.5
57.5°	795.2	794.5	795.2	795.8	795.2	794.5	795.2	794.6	792.8	790.5	786.6
55°	843.4	841.2	838.7	835.3	838.7	841.2	843.4	843.7	842.0	839.2	834.9
52.5°	897.8	894.3	891.2	887.9	891.2	894.3	897.8	899.0	897.5	892.9	886.4
50°	956.5	953.4	950.3	947.1	950.3	953.4	956.5	957.4	955.9	951.1	943.3
47.5°	1034.6	1036.0	1035.4	1032.6	1035.4	1036.0	1034.6	1030.5	1024.6	1016.3	1005.1
45°	1129.5	1133.3	1133.7	1131.2	1133.7	1133.3	1129.5	1121.5	1110.2	1096.0	1079.7
42.5°	1253.3	1261.6	1266.2	1269.4	1266.2	1261.6	1253.3	1238.8	1218.4	1192.2	1165.5
40°	1428.8	1445.8	1456.6	1466.7	1456.6	1445.8	1428.8	1402.0	1365.3	1321.0	1279.9
37.5°	1680.4	1711.3	1725.1	1716.6	1725.1	1711.3	1680.4	1634.2	1571.8	1494.1	1434.3
35°	2078.8	2137.5	2167.9	2170.4	2167.9	2137.5	2078.8	1991.0	1877.0	1753.5	1656.2
32.5°	2772.6	2892.6	2957.1	2966.2	2957.1	2892.6	2772.6	2599.6	2365.4	2151.1	1985.0
30°	4107.0	4351.8	4466.8	4439.5	4466.8	4351.8	4107.0	3728.1	3233.1	2865.4	2510.0
27.5°	6700.6	7311.1	7672.9	7701.6	7672.9	7311.1	6700.6	5852.2	4760.8	4148.0	3374.0
25°	10769.4	11811.6	12478.9	12489.7	12478.9	11811.6	10769.4	9367.1	7783.8	6406.0	4857.1
22.5°	15978.8	17401.4	18180.8	18316.8	18180.8	17401.4	15978.8	14063.5	11992.2	9726.0	7429.9
20°	22014.1	23906.5	24918.9	24920.1	24918.9	23906.5	22014.1	19473.2	16855.9	13750.2	10702.0
17.5°	29446.8	32519.6	34448.5	35278.8	34448.5	32519.6	29446.8	25749.2	22306.8	18343.7	14361.3
15°	39321.2	44485.0	47579.2	48136.8	47579.2	44485.0	39321.2	33953.7	28379.5	23236.3	18228.3
12.5°	51344.5	57879.3	62272.1	63882.1	62272.1	57879.3	51344.5	43806.6	35116.4	28287.5	22172.2
10°	63897.9	69952.8	74658.8	76240.2	74658.8	69952.8	63897.9	54336.5	43854.1	33592.0	25659.8
7.5°	72966.7	80186.9	85487.8	87815.6	85487.8	80186.9	72966.7	63468.4	51491.6	39271.7	29375.6
5°	80125.6	88668.9	93603.4	95793.5	93603.4	88668.9	80125.6	69972.3	57743.1	44059.1	32114.9
2.5°	84822.8	93264.3	98489.7	100509.2	98489.7	93264.3	84822.8	74104.4	61722.8	46993.3	33855.8
0°	86579.2	94833.2	99996.2	102462.5	99996.2	94833.2	86579.2	75135.2	62803.4	47689.6	34437.0
-2.5°	84822.8	93264.3	98489.7	100509.2	98489.7	93264.3	84822.8	74104.4	61722.8	46993.3	33855.8
-5°	80125.6	88668.9	93603.4	95793.5	93603.4	88668.9	80125.6	69972.3	57743.1	44059.1	32114.9
-7.5°	72966.7	80186.9	85487.8	87815.6	85487.8	80186.9	72966.7	63468.4	51491.6	39271.7	29375.6
-10°	63897.9	69952.8	74658.8	76240.2	74658.8	69952.8	63897.9	54336.5	43854.1	33592.0	25659.8
-12.5°	51344.5	57879.3	62272.1	63882.1	62272.1	57879.3	51344.5	43806.6	35116.4	28287.5	22172.2
-15°	39321.2	44485.0	47579.2	48136.8	47579.2	44485.0	39321.2	33953.7	28379.5	23236.3	18228.3
-17.5°	29446.8	32519.6	34448.5	35278.8	34448.5	32519.6	29446.8	25749.2	22306.8	18343.7	14361.3
-20°	22014.1	23906.5	24918.9	24920.1	24918.9	23906.5	22014.1	19473.2	16855.9	13750.2	10702.0



REPORT NUMBER: P627725 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-722-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°	15978.8	17401.4	18180.8	18316.8	18180.8	17401.4	15978.8	14063.5	11992.2	9726.0	7429.9
-25°	10769.4	11811.6	12478.9	12489.7	12478.9	11811.6	10769.4	9367.1	7783.8	6406.0	4857.1
-27.5°	6700.6	7311.1	7672.9	7701.6	7672.9	7311.1	6700.6	5852.2	4760.8	4148.0	3374.0
-30°	4107.0	4351.8	4466.8	4439.5	4466.8	4351.8	4107.0	3728.1	3233.1	2865.4	2510.0
-32.5°	2772.6	2892.6	2957.1	2966.2	2957.1	2892.6	2772.6	2599.6	2365.4	2151.1	1985.0
-35°	2078.8	2137.5	2167.9	2170.4	2167.9	2137.5	2078.8	1991.0	1877.0	1753.5	1656.2
-37.5°	1680.4	1711.3	1725.1	1716.6	1725.1	1711.3	1680.4	1634.2	1571.8	1494.1	1434.3
-40°	1428.8	1445.8	1456.6	1466.7	1456.6	1445.8	1428.8	1402.0	1365.3	1321.0	1279.9
-42.5°	1253.3	1261.6	1266.2	1269.4	1266.2	1261.6	1253.3	1238.8	1218.4	1192.2	1165.5
-45°	1129.5	1133.3	1133.7	1131.2	1133.7	1133.3	1129.5	1121.5	1110.2	1096.0	1079.7
-47.5°	1034.6	1036.0	1035.4	1032.6	1035.4	1036.0	1034.6	1030.5	1024.6	1016.3	1005.1
-50°	956.5	953.4	950.3	947.1	950.3	953.4	956.5	957.4	955.9	951.1	943.3
-52.5°	897.8	894.3	891.2	887.9	891.2	894.3	897.8	899.0	897.5	892.9	886.4
-55°	843.4	841.2	838.7	835.3	838.7	841.2	843.4	843.7	842.0	839.2	834.9
-57.5°	795.2	794.5	795.2	795.8	795.2	794.5	795.2	794.6	792.8	790.5	786.6
-60°	746.4	747.2	748.9	749.8	748.9	747.2	746.4	743.8	739.5	734.7	729.5
-62.5°	673.9	674.7	679.4	684.0	679.4	674.7	673.9	671.4	667.1	663.4	659.3
-65°	596.0	596.2	600.7	605.1	600.7	596.2	596.0	594.1	590.3	586.6	582.5
-67.5°	522.5	523.9	528.5	532.7	528.5	523.9	522.5	520.1	516.7	513.6	510.4
-70°	453.0	452.1	456.3	460.4	456.3	452.1	453.0	452.9	451.7	449.5	446.3
-72.5°	387.6	386.5	387.5	388.0	387.5	386.5	387.6	387.6	386.5	384.3	381.4
-75°	320.6	320.9	321.9	322.3	321.9	320.9	320.6	319.6	317.9	315.7	313.6
-77.5°	255.4	255.3	256.2	256.5	256.2	255.3	255.4	254.9	253.7	251.9	249.1
-80°	190.3	189.8	190.5	190.7	190.5	189.8	190.3	190.3	189.6	188.3	185.3
-82.5°	130.0	130.8	131.3	131.5	131.3	130.8	130.0	128.8	127.3	125.5	125.0
-85°	71.5	71.9	72.2	72.3	72.2	71.9	71.5	70.9	70.1	69.2	69.6
-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: P627725 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-722-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°	69.7	69.5	69.0	67.0	64.8	62.4	59.8	57.1	54.2	51.2	48.0
82.5°	124.1	123.0	121.3	116.8	112.1	107.5	102.8	98.8	94.4	89.9	85.1
80°	182.1	178.7	174.8	169.5	163.4	156.6	149.3	142.5	135.3	128.5	122.1
77.5°	245.5	240.9	235.3	228.2	220.6	212.3	203.4	194.3	185.3	175.8	165.8
75°	310.6	306.5	300.5	292.0	282.8	272.8	261.6	249.2	236.6	224.0	211.8
72.5°	377.5	372.7	365.8	356.0	344.9	333.1	320.4	306.1	290.5	273.5	258.0
70°	442.1	436.9	430.3	421.5	410.3	397.3	382.1	365.5	348.0	329.6	310.8
67.5°	505.7	499.2	492.2	484.3	474.5	462.3	446.0	426.8	406.6	385.8	364.1
65°	576.3	568.1	559.0	550.7	540.3	527.8	511.2	492.7	470.5	444.9	417.4
62.5°	653.5	646.0	633.0	619.3	605.8	591.3	572.5	552.3	531.9	508.3	475.4
60°	724.1	717.2	700.4	683.6	667.2	649.4	628.2	606.7	585.3	559.4	529.5
57.5°	780.6	769.8	754.1	738.0	721.8	700.2	677.6	656.3	632.8	607.9	579.9
55°	829.1	817.0	800.8	783.4	764.7	743.2	720.7	696.7	674.1	653.6	625.0
52.5°	878.4	863.3	845.8	827.1	806.4	783.3	759.2	734.0	712.1	690.7	666.8
50°	932.1	912.9	892.1	870.2	848.1	823.2	797.1	770.4	749.3	727.0	702.9
47.5°	989.9	967.1	942.4	917.6	891.9	864.9	836.6	807.9	784.7	761.8	736.9
45°	1057.6	1028.8	997.0	968.4	938.0	908.3	877.8	848.0	818.8	793.2	769.2
42.5°	1136.2	1101.9	1065.7	1026.8	987.6	953.4	919.2	887.1	854.7	823.8	796.0
40°	1235.1	1185.1	1142.9	1094.9	1048.5	1001.7	964.2	925.7	890.3	855.3	823.3
37.5°	1365.5	1295.7	1235.1	1172.7	1117.1	1061.6	1013.4	969.6	925.7	888.0	852.1
35°	1541.5	1443.8	1348.7	1268.2	1193.6	1128.1	1067.0	1015.6	967.1	921.1	880.9
32.5°	1790.6	1647.4	1494.7	1386.0	1283.5	1198.7	1126.7	1062.8	1007.3	956.7	910.7
30°	2181.4	1928.8	1712.2	1528.2	1395.9	1280.3	1187.5	1112.3	1047.2	991.0	939.9
27.5°	2818.3	2303.8	2003.9	1728.8	1524.3	1380.0	1259.5	1161.5	1086.0	1024.4	968.6
25°	3851.3	2982.7	2375.8	1995.7	1699.3	1486.3	1337.0	1220.4	1127.9	1054.7	989.0
22.5°	5364.4	4008.6	2964.4	2301.8	1913.7	1631.6	1428.8	1278.5	1165.5	1080.6	1009.2
20°	7750.6	5331.5	3821.7	2797.6	2165.5	1771.1	1526.1	1346.6	1211.5	1108.6	1027.1
17.5°	10608.5	7377.5	4792.5	3331.4	2491.9	1972.3	1639.7	1411.9	1252.1	1133.8	1042.2
15°	13488.6	9517.5	6284.1	4105.2	2848.0	2148.2	1737.3	1468.3	1291.8	1161.4	1061.1
12.5°	16669.1	11810.2	7607.6	4745.1	3214.8	2360.2	1861.8	1544.4	1335.2	1189.1	1079.3
10°	19416.4	13951.9	9198.5	5770.3	3697.3	2582.6	1976.0	1609.6	1371.4	1211.4	1093.6
7.5°	21890.1	15781.4	10532.7	6570.2	4071.6	2759.0	2067.5	1661.5	1398.6	1227.7	1103.6
5°	23645.6	17179.7	11605.9	7174.7	4339.3	2881.2	2131.2	1698.2	1416.5	1238.0	1109.5
2.5°	24740.9	18021.1	12306.0	7533.6	4470.4	2948.1	2171.2	1719.2	1431.7	1249.3	1112.7
0°	24841.2	17961.7	12404.2	7708.2	4386.8	2959.6	2190.1	1723.2	1440.4	1256.2	1111.5
-2.5°	24740.9	18021.1	12306.0	7533.6	4470.4	2948.1	2171.2	1719.2	1431.7	1249.3	1112.7
-5°	23645.6	17179.7	11605.9	7174.7	4339.3	2881.2	2131.2	1698.2	1416.5	1238.0	1109.5
-7.5°	21890.1	15781.4	10532.7	6570.2	4071.6	2759.0	2067.5	1661.5	1398.6	1227.7	1103.6
-10°	19416.4	13951.9	9198.5	5770.3	3697.3	2582.6	1976.0	1609.6	1371.4	1211.4	1093.6
-12.5°	16669.1	11810.2	7607.6	4745.1	3214.8	2360.2	1861.8	1544.4	1335.2	1189.1	1079.3
-15°	13488.6	9517.5	6284.1	4105.2	2848.0	2148.2	1737.3	1468.3	1291.8	1161.4	1061.1
-17.5°	10608.5	7377.5	4792.5	3331.4	2491.9	1972.3	1639.7	1411.9	1252.1	1133.8	1042.2
-20°	7750.6	5331.5	3821.7	2797.6	2165.5	1771.1	1526.1	1346.6	1211.5	1108.6	1027.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627725 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5364.4	4008.6	2964.4	2301.8	1913.7	1631.6	1428.8	1278.5	1165.5	1080.6	1009.2
-25°	3851.3	2982.7	2375.8	1995.7	1699.3	1486.3	1337.0	1220.4	1127.9	1054.7	989.0
-27.5°	2818.3	2303.8	2003.9	1728.8	1524.3	1380.0	1259.5	1161.5	1086.0	1024.4	968.6
-30°	2181.4	1928.8	1712.2	1528.2	1395.9	1280.3	1187.5	1112.3	1047.2	991.0	939.9
-32.5°	1790.6	1647.4	1494.7	1386.0	1283.5	1198.7	1126.7	1062.8	1007.3	956.7	910.7
-35°	1541.5	1443.8	1348.7	1268.2	1193.6	1128.1	1067.0	1015.6	967.1	921.1	880.9
-37.5°	1365.5	1295.7	1235.1	1172.7	1117.1	1061.6	1013.4	969.6	925.7	888.0	852.1
-40°	1235.1	1185.1	1142.9	1094.9	1048.5	1001.7	964.2	925.7	890.3	855.3	823.3
-42.5°	1136.2	1101.9	1065.7	1026.8	987.6	953.4	919.2	887.1	854.7	823.8	796.0
-45°	1057.6	1028.8	997.0	968.4	938.0	908.3	877.8	848.0	818.8	793.2	769.2
-47.5°	989.9	967.1	942.4	917.6	891.9	864.9	836.6	807.9	784.7	761.8	736.9
-50°	932.1	912.9	892.1	870.2	848.1	823.2	797.1	770.4	749.3	727.0	702.9
-52.5°	878.4	863.3	845.8	827.1	806.4	783.3	759.2	734.0	712.1	690.7	666.8
-55°	829.1	817.0	800.8	783.4	764.7	743.2	720.7	696.7	674.1	653.6	625.0
-57.5°	780.6	769.8	754.1	738.0	721.8	700.2	677.6	656.3	632.8	607.9	579.9
-60°	724.1	717.2	700.4	683.6	667.2	649.4	628.2	606.7	585.3	559.4	529.5
-62.5°	653.5	646.0	633.0	619.3	605.8	591.3	572.5	552.3	531.9	508.3	475.4
-65°	576.3	568.1	559.0	550.7	540.3	527.8	511.2	492.7	470.5	444.9	417.4
-67.5°	505.7	499.2	492.2	484.3	474.5	462.3	446.0	426.8	406.6	385.8	364.1
-70°	442.1	436.9	430.3	421.5	410.3	397.3	382.1	365.5	348.0	329.6	310.8
-72.5°	377.5	372.7	365.8	356.0	344.9	333.1	320.4	306.1	290.5	273.5	258.0
-75°	310.6	306.5	300.5	292.0	282.8	272.8	261.6	249.2	236.6	224.0	211.8
-77.5°	245.5	240.9	235.3	228.2	220.6	212.3	203.4	194.3	185.3	175.8	165.8
-80°	182.1	178.7	174.8	169.5	163.4	156.6	149.3	142.5	135.3	128.5	122.1
-82.5°	124.1	123.0	121.3	116.8	112.1	107.5	102.8	98.8	94.4	89.9	85.1
-85°	69.7	69.5	69.0	67.0	64.8	62.4	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: P627725 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-722-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	41.3	37.7	34.0	30.2	26.3	24.3	22.2	20.1	18.0	15.8
82.5°	80.1	75.0	69.6	64.0	58.3	52.4	46.4	40.2	33.7	27.5	23.7
80°	115.5	108.5	101.4	94.0	86.6	78.5	70.5	62.1	52.9	44.1	35.7
77.5°	155.4	144.6	133.4	124.1	115.6	106.2	95.9	84.4	71.9	60.5	49.6
75°	199.2	186.2	172.7	159.4	146.7	133.9	122.2	108.7	93.0	77.0	63.4
72.5°	244.4	229.3	213.0	196.3	181.3	165.8	149.8	132.7	114.7	96.4	77.9
70°	292.1	273.5	255.3	236.4	217.1	197.6	179.2	158.6	136.2	115.5	94.7
67.5°	341.5	319.5	297.7	276.3	254.3	231.7	208.6	184.5	159.7	134.4	111.2
65°	392.2	366.1	339.5	315.6	291.0	265.8	240.0	210.7	182.7	155.0	127.4
62.5°	443.7	413.5	384.1	355.1	327.3	299.4	270.5	237.6	205.6	175.2	144.6
60°	495.7	460.9	427.7	395.4	363.5	332.4	299.8	263.8	228.8	194.9	161.9
57.5°	545.5	507.1	469.4	434.0	399.4	365.0	328.5	289.7	251.3	214.5	178.8
55°	593.8	554.6	510.3	470.2	433.3	396.7	356.3	315.1	273.2	233.5	195.2
52.5°	636.5	597.5	551.5	505.6	464.3	425.9	382.7	339.7	295.4	251.7	211.1
50°	675.1	635.6	589.5	540.9	494.0	451.5	407.9	362.5	316.9	269.6	226.5
47.5°	708.5	670.7	625.1	574.3	524.2	476.1	430.8	384.1	337.5	288.0	241.3
45°	738.7	704.3	659.2	607.1	552.1	501.1	452.4	404.6	355.8	305.8	255.6
42.5°	766.9	733.5	692.2	639.2	580.6	525.0	473.1	423.3	373.0	322.6	269.8
40°	792.4	759.0	723.1	669.1	607.6	547.4	493.3	441.1	389.2	338.0	283.7
37.5°	817.6	783.0	745.9	697.0	632.8	570.4	512.2	457.9	404.7	351.7	296.6
35°	843.5	806.5	765.9	719.0	656.9	591.5	529.6	473.7	419.3	364.6	308.7
32.5°	868.3	827.5	784.3	737.5	679.3	610.7	546.6	488.9	433.0	376.7	319.9
30°	892.8	844.8	800.5	756.5	699.0	629.5	563.2	503.1	445.7	387.9	330.0
27.5°	911.3	859.9	814.9	771.4	715.4	646.9	579.3	516.2	457.4	398.2	339.0
25°	928.0	874.3	827.1	783.2	731.7	664.8	594.1	528.3	468.0	407.6	347.1
22.5°	944.7	886.9	837.4	793.2	747.0	681.0	608.1	540.3	477.6	416.1	354.5
20°	959.1	897.1	845.9	802.4	757.2	693.6	621.2	550.9	486.1	423.6	361.0
17.5°	971.5	907.4	854.8	810.0	764.3	704.3	632.7	560.2	493.6	430.1	366.6
15°	984.1	918.1	862.4	815.8	770.4	713.0	642.4	568.1	499.8	435.6	371.9
12.5°	994.8	926.1	868.2	820.0	775.5	719.8	650.5	574.6	505.0	440.8	376.8
10°	1003.2	931.3	872.4	822.6	779.5	724.8	656.8	580.7	511.1	445.5	380.8
7.5°	1009.1	933.9	874.8	823.7	782.4	729.2	663.0	587.3	516.6	449.1	383.9
5°	1013.1	935.1	876.3	826.2	784.0	733.3	667.5	592.5	521.0	451.7	386.2
2.5°	1017.8	935.6	876.4	828.0	784.1	735.8	670.1	596.2	524.2	453.3	387.5
0°	1019.4	933.9	874.7	828.7	782.7	736.6	670.9	598.5	526.2	453.8	388.0
-2.5°	1017.8	935.6	876.4	828.0	784.1	735.8	670.1	596.2	524.2	453.3	387.5
-5°	1013.1	935.1	876.3	826.2	784.0	733.3	667.5	592.5	521.0	451.7	386.2
-7.5°	1009.1	933.9	874.8	823.7	782.4	729.2	663.0	587.3	516.6	449.1	383.9
-10°	1003.2	931.3	872.4	822.6	779.5	724.8	656.8	580.7	511.1	445.5	380.8
-12.5°	994.8	926.1	868.2	820.0	775.5	719.8	650.5	574.6	505.0	440.8	376.8
-15°	984.1	918.1	862.4	815.8	770.4	713.0	642.4	568.1	499.8	435.6	371.9
-17.5°	971.5	907.4	854.8	810.0	764.3	704.3	632.7	560.2	493.6	430.1	366.6
-20°	959.1	897.1	845.9	802.4	757.2	693.6	621.2	550.9	486.1	423.6	361.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627725 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-722-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°	944.7	886.9	837.4	793.2	747.0	681.0	608.1	540.3	477.6	416.1	354.5
-25°	928.0	874.3	827.1	783.2	731.7	664.8	594.1	528.3	468.0	407.6	347.1
-27.5°	911.3	859.9	814.9	771.4	715.4	646.9	579.3	516.2	457.4	398.2	339.0
-30°	892.8	844.8	800.5	756.5	699.0	629.5	563.2	503.1	445.7	387.9	330.0
-32.5°	868.3	827.5	784.3	737.5	679.3	610.7	546.6	488.9	433.0	376.7	319.9
-35°	843.5	806.5	765.9	719.0	656.9	591.5	529.6	473.7	419.3	364.6	308.7
-37.5°	817.6	783.0	745.9	697.0	632.8	570.4	512.2	457.9	404.7	351.7	296.6
-40°	792.4	759.0	723.1	669.1	607.6	547.4	493.3	441.1	389.2	338.0	283.7
-42.5°	766.9	733.5	692.2	639.2	580.6	525.0	473.1	423.3	373.0	322.6	269.8
-45°	738.7	704.3	659.2	607.1	552.1	501.1	452.4	404.6	355.8	305.8	255.6
-47.5°	708.5	670.7	625.1	574.3	524.2	476.1	430.8	384.1	337.5	288.0	241.3
-50°	675.1	635.6	589.5	540.9	494.0	451.5	407.9	362.5	316.9	269.6	226.5
-52.5°	636.5	597.5	551.5	505.6	464.3	425.9	382.7	339.7	295.4	251.7	211.1
-55°	593.8	554.6	510.3	470.2	433.3	396.7	356.3	315.1	273.2	233.5	195.2
-57.5°	545.5	507.1	469.4	434.0	399.4	365.0	328.5	289.7	251.3	214.5	178.8
-60°	495.7	460.9	427.7	395.4	363.5	332.4	299.8	263.8	228.8	194.9	161.9
-62.5°	443.7	413.5	384.1	355.1	327.3	299.4	270.5	237.6	205.6	175.2	144.6
-65°	392.2	366.1	339.5	315.6	291.0	265.8	240.0	210.7	182.7	155.0	127.4
-67.5°	341.5	319.5	297.7	276.3	254.3	231.7	208.6	184.5	159.7	134.4	111.2
-70°	292.1	273.5	255.3	236.4	217.1	197.6	179.2	158.6	136.2	115.5	94.7
-72.5°	244.4	229.3	213.0	196.3	181.3	165.8	149.8	132.7	114.7	96.4	77.9
-75°	199.2	186.2	172.7	159.4	146.7	133.9	122.2	108.7	93.0	77.0	63.4
-77.5°	155.4	144.6	133.4	124.1	115.6	106.2	95.9	84.4	71.9	60.5	49.6
-80°	115.5	108.5	101.4	94.0	86.6	78.5	70.5	62.1	52.9	44.1	35.7
-82.5°	80.1	75.0	69.6	64.0	58.3	52.4	46.4	40.2	33.7	27.5	23.7
-85°	44.7	41.3	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: P627725 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-722-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°	130.0	101.0	71.9	49.2	26.3	13.1	0.0
57.5°	144.2	112.0	80.7	54.3	29.7	14.1	0.0
55°	158.1	122.8	89.3	59.3	33.0	15.1	0.0
52.5°	171.5	133.3	97.6	64.2	36.3	16.0	0.0
50°	184.3	143.9	105.7	68.9	39.4	16.9	0.0
47.5°	196.6	154.0	113.4	73.7	42.4	17.8	0.0
45°	208.8	163.7	120.9	79.3	45.3	18.6	0.0
42.5°	220.5	172.9	128.1	84.7	48.1	19.4	0.0
40°	231.6	181.6	135.0	89.7	50.7	20.1	0.0
37.5°	242.2	189.7	141.5	94.4	53.3	20.9	0.0
35°	252.1	197.8	147.7	98.8	55.6	21.5	0.0
32.5°	261.5	205.5	153.4	102.9	57.9	22.2	0.0
30°	270.5	212.7	158.7	106.6	59.9	22.8	0.0
27.5°	278.6	219.4	163.5	110.0	61.9	23.3	0.0
25°	285.9	225.5	168.0	113.1	63.7	23.8	0.0
22.5°	292.5	231.0	172.1	115.8	65.3	24.3	0.0
20°	298.2	235.8	175.8	118.2	66.7	24.7	0.0
17.5°	303.5	239.8	179.2	120.2	68.0	25.1	0.0
15°	308.3	243.2	182.1	121.9	69.2	25.4	0.0
12.5°	312.4	246.0	184.7	123.2	70.1	25.7	0.0
10°	315.9	248.0	186.8	124.2	70.9	25.9	0.0
7.5°	318.6	249.4	188.5	124.9	71.5	26.1	0.0
5°	320.6	250.2	189.7	125.2	71.9	26.2	0.0
2.5°	321.9	250.3	190.4	125.3	72.2	26.3	0.0
0°	322.3	249.9	190.7	125.0	72.3	26.3	0.0
-2.5°	321.9	250.3	190.4	125.3	72.2	26.3	0.0
-5°	320.6	250.2	189.7	125.2	71.9	26.2	0.0
-7.5°	318.6	249.4	188.5	124.9	71.5	26.1	0.0
-10°	315.9	248.0	186.8	124.2	70.9	25.9	0.0
-12.5°	312.4	246.0	184.7	123.2	70.1	25.7	0.0
-15°	308.3	243.2	182.1	121.9	69.2	25.4	0.0
-17.5°	303.5	239.8	179.2	120.2	68.0	25.1	0.0
-20°	298.2	235.8	175.8	118.2	66.7	24.7	0.0

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Scaled Data Report



REPORT NUMBER: P627725 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	292.5	231.0	172.1	115.8	65.3	24.3	0.0
-25°	285.9	225.5	168.0	113.1	63.7	23.8	0.0
-27.5°	278.6	219.4	163.5	110.0	61.9	23.3	0.0
-30°	270.5	212.7	158.7	106.6	59.9	22.8	0.0
-32.5°	261.5	205.5	153.4	102.9	57.9	22.2	0.0
-35°	252.1	197.8	147.7	98.8	55.6	21.5	0.0
-37.5°	242.2	189.7	141.5	94.4	53.3	20.9	0.0
-40°	231.6	181.6	135.0	89.7	50.7	20.1	0.0
-42.5°	220.5	172.9	128.1	84.7	48.1	19.4	0.0
-45°	208.8	163.7	120.9	79.3	45.3	18.6	0.0
-47.5°	196.6	154.0	113.4	73.7	42.4	17.8	0.0
-50°	184.3	143.9	105.7	68.9	39.4	16.9	0.0
-52.5°	171.5	133.3	97.6	64.2	36.3	16.0	0.0
-55°	158.1	122.8	89.3	59.3	33.0	15.1	0.0
-57.5°	144.2	112.0	80.7	54.3	29.7	14.1	0.0
-60°	130.0	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)