

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: P627719 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-750-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627719 (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-SA5D-750-U-NR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N127
Light Source: (80) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

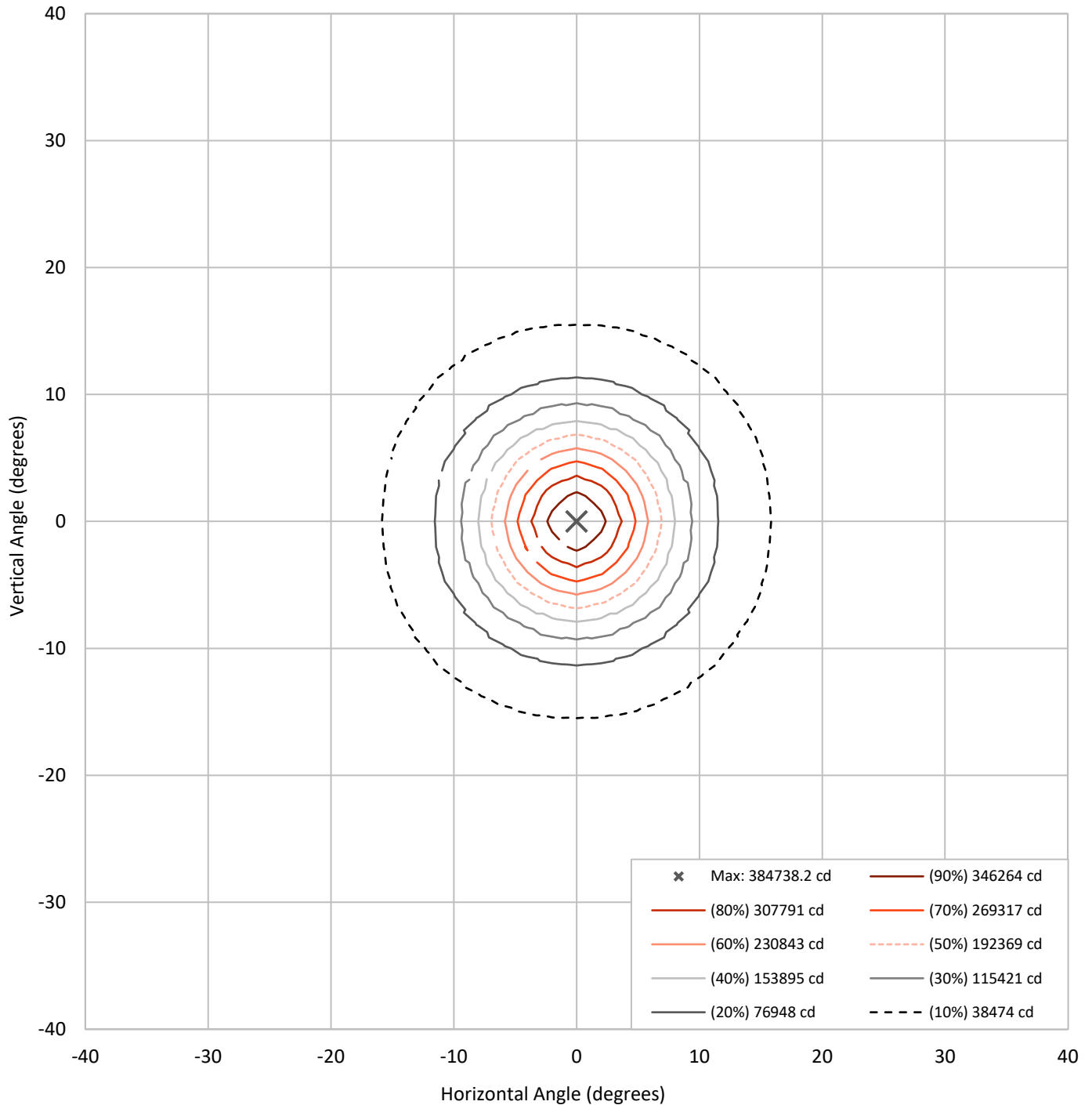
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	40853.6 lumens	Max Intensity:	384738.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	150.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	12078.6 lumens	Field Lumens:	27181.8 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	271.3		
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





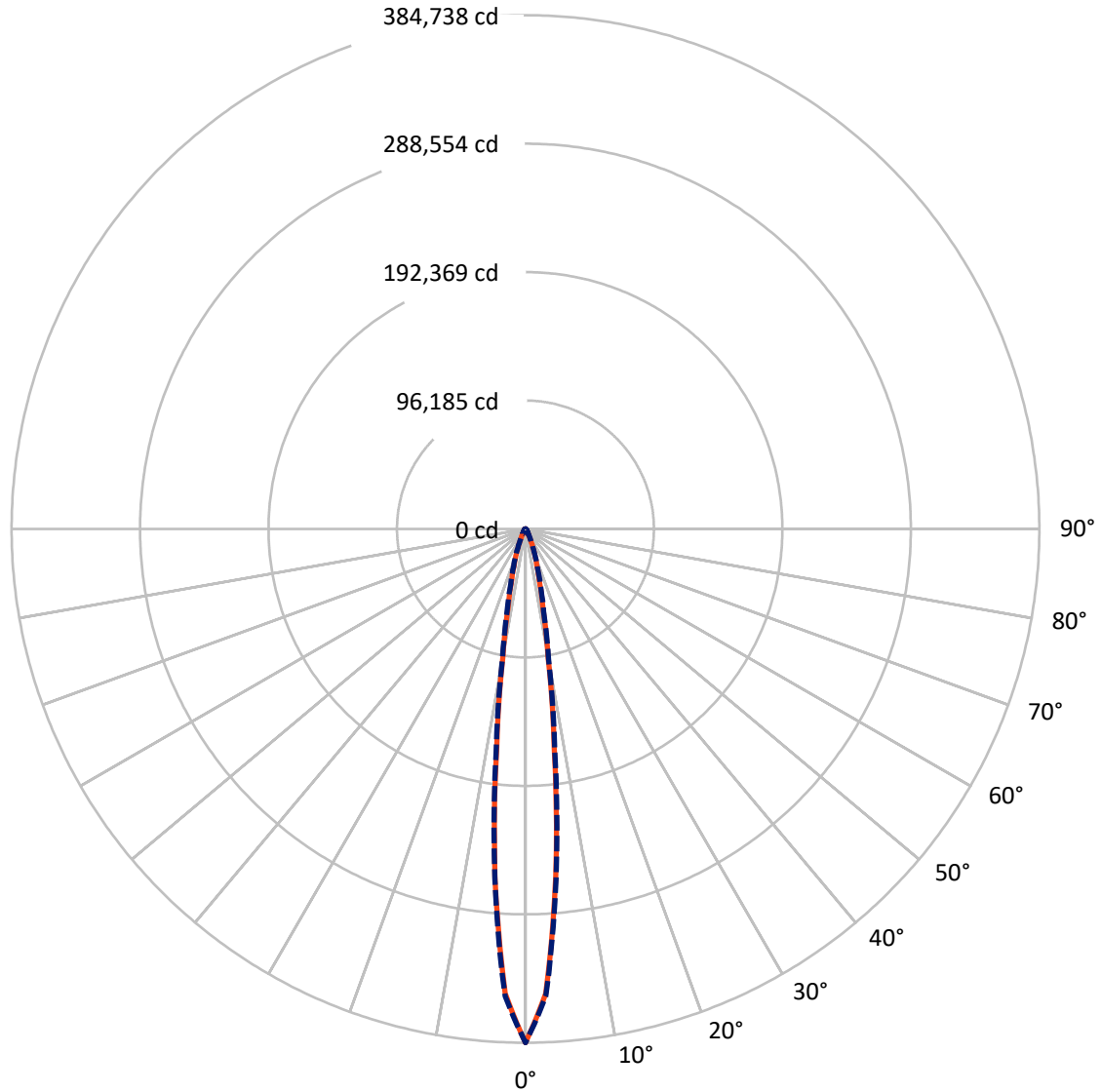
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Lumen Table

90																			
80	0.7	5.6		14.7		23.8		26.0		23.8		14.7		5.6	0.7				
70																			
60	2.5	2.8	5.9	9.7	13.7	16.8	18.9	19.7	19.7	18.9	16.8	13.7	9.7	5.9	2.8	2.5			
50		4.3	8.9	14.4	19.3	23.6	26.4	27.5	27.5	26.4	23.6	19.3	14.4	8.9	4.3				
40	4.4	5.7	11.5	17.8	23.6	29.7	35.0	37.7	37.7	35.0	29.7	23.6	17.8	11.5	5.7	4.4			
30		6.8	13.5	20.5	29.0	41.8	58.9	72.9	72.9	58.9	41.8	29.0	20.5	13.5	6.8				
20	5.8	7.7	14.8	23.1	37.6	74.7	170.0	281.4	281.4	170.0	74.7	37.6	23.1	14.8	7.7	5.8			
10		8.3	15.5	25.5	49.9	158.5	562.8	1212.2	1212.2	562.8	158.5	49.9	25.5	15.5	8.3				
0	6.2	8.6	15.9	27.0	60.3	261.2	1223.5	5285.3	5285.3	1223.5	261.2	60.3	27.0	15.9	8.6	6.2			
-10		8.6	15.9	27.0	60.3	261.2	1223.5	5285.3	5285.3	1223.5	261.2	60.3	27.0	15.9	8.6				
-20	5.8	8.3	15.5	25.5	49.9	158.5	562.8	1212.2	1212.2	562.8	158.5	49.9	25.5	15.5	8.3	5.8			
-30		7.7	14.8	23.1	37.6	74.7	170.0	281.4	281.4	170.0	74.7	37.6	23.1	14.8	7.7				
-40	4.4	6.8	13.5	20.5	29.0	41.8	58.9	72.9	72.9	58.9	41.8	29.0	20.5	13.5	6.8	4.4			
-50		5.7	11.5	17.8	23.6	29.7	35.0	37.7	37.7	35.0	29.7	23.6	17.8	11.5	5.7				
-60	2.5	4.3	8.9	14.4	19.3	23.6	26.4	27.5	27.5	26.4	23.6	19.3	14.4	8.9	4.3	2.5			
-70		2.8	5.9	9.7	13.7	16.8	18.9	19.7	19.7	18.9	16.8	13.7	9.7	5.9	2.8				
-80																			
-90	0.7	5.6		14.7		23.8		26.0		23.8		14.7		5.6	0.7				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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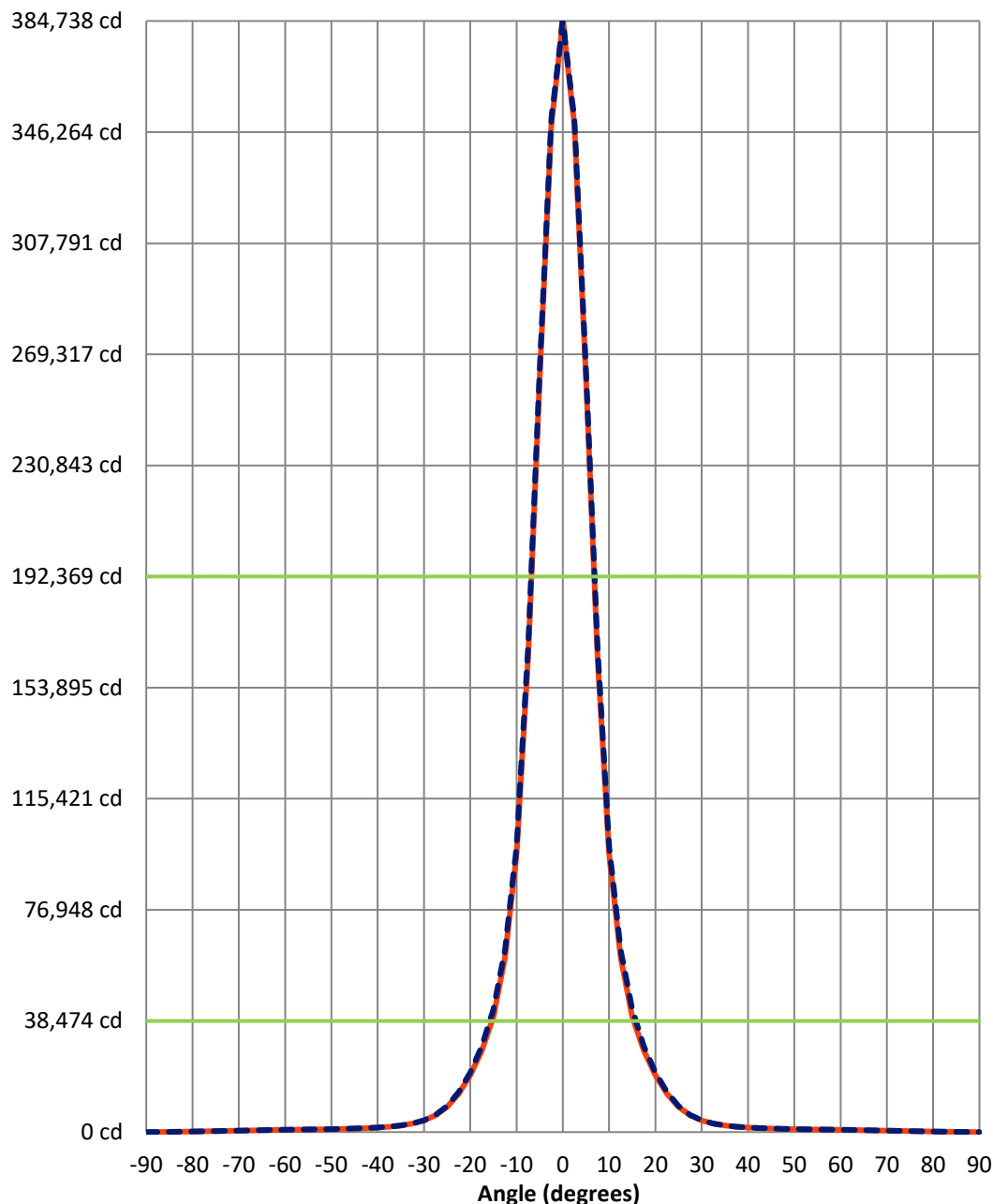
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 12078.6
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 27181.8
 Efficiency: 66.5%

Spill:
 Lumens: 13671.8
 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	1.3	2.9	4.3	5.7	7.1	8.5	9.9	11.3	12.6	13.9
85°	0.0	2.5	5.7	8.6	11.4	14.3	17.1	19.8	22.5	25.2	27.9
82.5°	0.0	3.8	8.6	12.9	17.1	21.4	25.6	29.7	34.2	40.2	46.1
80°	0.0	5.0	11.4	17.1	22.8	28.4	34.5	42.7	50.9	58.9	66.8
77.5°	0.0	6.2	14.2	21.4	28.4	36.5	47.0	57.3	67.5	77.5	88.1
75°	0.0	7.4	16.9	25.6	34.4	46.4	59.3	71.8	84.2	98.2	111.9
72.5°	0.0	8.6	19.6	29.7	41.9	56.1	71.4	86.7	103.2	119.5	135.5
70°	0.0	9.8	22.2	34.0	49.2	65.6	83.5	103.2	122.0	140.6	161.5
67.5°	0.0	10.9	24.7	39.2	56.4	75.0	97.3	119.5	140.6	164.4	187.8
65°	0.0	12.0	27.2	44.3	63.4	85.1	110.8	135.5	161.5	187.8	215.4
62.5°	0.0	13.1	29.6	49.3	70.3	96.2	124.1	152.8	182.0	211.7	246.4
60°	0.0	14.1	31.9	54.1	76.9	107.0	137.0	170.4	202.0	238.3	276.4
57.5°	0.0	15.1	34.8	58.7	85.2	117.5	151.3	187.5	224.0	264.1	305.5
55°	0.0	16.1	37.7	63.2	93.4	127.7	165.3	203.9	245.8	288.9	333.5
52.5°	0.0	17.0	40.6	67.6	101.3	137.9	178.9	221.6	266.7	312.8	360.3
50°	0.0	17.9	43.3	71.7	108.9	148.8	192.1	238.9	286.7	335.6	386.1
47.5°	0.0	18.8	46.0	76.0	116.3	159.4	205.0	255.6	305.8	357.2	411.3
45°	0.0	19.5	48.6	81.3	123.3	169.5	218.7	271.7	324.2	379.4	436.0
42.5°	0.0	20.3	51.1	86.3	130.0	179.2	231.9	287.0	341.8	401.0	460.0
40°	0.0	21.0	53.5	91.2	136.9	188.4	244.4	301.6	359.1	421.8	483.3
37.5°	0.0	21.6	55.8	96.0	143.9	197.1	256.2	315.5	376.3	441.2	505.9
35°	0.0	22.2	58.0	100.5	150.4	206.0	267.4	328.6	392.4	459.5	527.6
32.5°	0.0	22.7	60.1	104.7	156.5	214.7	277.9	340.9	407.1	476.7	546.5
30°	0.0	23.2	62.0	108.6	162.2	222.7	287.6	352.4	420.7	492.6	563.7
27.5°	0.0	23.6	63.9	112.2	167.8	230.2	296.6	363.4	433.2	507.2	579.2
25°	0.0	24.0	65.6	115.6	172.9	237.0	304.9	373.2	445.0	520.1	592.8
22.5°	0.0	24.3	67.1	118.7	177.6	243.2	312.3	382.0	455.6	531.3	604.7
20°	0.0	24.5	68.6	121.4	181.8	248.5	319.0	389.7	465.0	540.9	615.5
17.5°	0.0	24.7	69.8	123.8	185.5	253.1	324.5	396.2	473.1	549.0	625.0
15°	0.0	24.9	71.0	126.0	188.7	256.8	329.0	402.0	480.1	555.5	633.2
12.5°	0.0	25.0	71.9	127.8	191.5	259.8	332.7	407.4	485.9	560.6	640.0
10°	0.0	25.0	72.7	129.3	193.8	262.0	335.5	411.9	490.4	566.1	646.6
7.5°	0.0	25.0	73.4	130.4	195.5	263.5	337.4	415.5	493.5	570.7	654.2
5°	0.0	25.0	73.8	131.2	196.8	264.3	338.5	418.2	495.1	574.1	660.3
2.5°	0.0	24.9	74.1	131.7	197.5	264.4	338.7	419.8	495.5	576.3	664.9
0°	0.0	24.7	74.2	131.9	197.8	263.8	338.0	420.4	494.6	577.0	667.7
-2.5°	0.0	24.9	74.1	131.7	197.5	264.4	338.7	419.8	495.5	576.3	664.9
-5°	0.0	25.0	73.8	131.2	196.8	264.3	338.5	418.2	495.1	574.1	660.3
-7.5°	0.0	25.0	73.4	130.4	195.5	263.5	337.4	415.5	493.5	570.7	654.2
-10°	0.0	25.0	72.7	129.3	193.8	262.0	335.5	411.9	490.4	566.1	646.6
-12.5°	0.0	25.0	71.9	127.8	191.5	259.8	332.7	407.4	485.9	560.6	640.0
-15°	0.0	24.9	71.0	126.0	188.7	256.8	329.0	402.0	480.1	555.5	633.2
-17.5°	0.0	24.7	69.8	123.8	185.5	253.1	324.5	396.2	473.1	549.0	625.0
-20°	0.0	24.5	68.6	121.4	181.8	248.5	319.0	389.7	465.0	540.9	615.5

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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	67.1	118.7	177.6	243.2	312.3	382.0	455.6	531.3	604.7
-25°	0.0	24.0	65.6	115.6	172.9	237.0	304.9	373.2	445.0	520.1	592.8
-27.5°	0.0	23.6	63.9	112.2	167.8	230.2	296.6	363.4	433.2	507.2	579.2
-30°	0.0	23.2	62.0	108.6	162.2	222.7	287.6	352.4	420.7	492.6	563.7
-32.5°	0.0	22.7	60.1	104.7	156.5	214.7	277.9	340.9	407.1	476.7	546.5
-35°	0.0	22.2	58.0	100.5	150.4	206.0	267.4	328.6	392.4	459.5	527.6
-37.5°	0.0	21.6	55.8	96.0	143.9	197.1	256.2	315.5	376.3	441.2	505.9
-40°	0.0	21.0	53.5	91.2	136.9	188.4	244.4	301.6	359.1	421.8	483.3
-42.5°	0.0	20.3	51.1	86.3	130.0	179.2	231.9	287.0	341.8	401.0	460.0
-45°	0.0	19.5	48.6	81.3	123.3	169.5	218.7	271.7	324.2	379.4	436.0
-47.5°	0.0	18.8	46.0	76.0	116.3	159.4	205.0	255.6	305.8	357.2	411.3
-50°	0.0	17.9	43.3	71.7	108.9	148.8	192.1	238.9	286.7	335.6	386.1
-52.5°	0.0	17.0	40.6	67.6	101.3	137.9	178.9	221.6	266.7	312.8	360.3
-55°	0.0	16.1	37.7	63.2	93.4	127.7	165.3	203.9	245.8	288.9	333.5
-57.5°	0.0	15.1	34.8	58.7	85.2	117.5	151.3	187.5	224.0	264.1	305.5
-60°	0.0	14.1	31.9	54.1	76.9	107.0	137.0	170.4	202.0	238.3	276.4
-62.5°	0.0	13.1	29.6	49.3	70.3	96.2	124.1	152.8	182.0	211.7	246.4
-65°	0.0	12.0	27.2	44.3	63.4	85.1	110.8	135.5	161.5	187.8	215.4
-67.5°	0.0	10.9	24.7	39.2	56.4	75.0	97.3	119.5	140.6	164.4	187.8
-70°	0.0	9.8	22.2	34.0	49.2	65.6	83.5	103.2	122.0	140.6	161.5
-72.5°	0.0	8.6	19.6	29.7	41.9	56.1	71.4	86.7	103.2	119.5	135.5
-75°	0.0	7.4	16.9	25.6	34.4	46.4	59.3	71.8	84.2	98.2	111.9
-77.5°	0.0	6.2	14.2	21.4	28.4	36.5	47.0	57.3	67.5	77.5	88.1
-80°	0.0	5.0	11.4	17.1	22.8	28.4	34.5	42.7	50.9	58.9	66.8
-82.5°	0.0	3.8	8.6	12.9	17.1	21.4	25.6	29.7	34.2	40.2	46.1
-85°	0.0	2.5	5.7	8.6	11.4	14.3	17.1	19.8	22.5	25.2	27.9
-87.5°	0.0	1.3	2.9	4.3	5.7	7.1	8.5	9.9	11.3	12.6	13.9
-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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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°	15.2	16.5	17.7	18.9	20.1	21.2	22.3	23.3	24.3	25.3	26.2
85°	30.4	33.0	36.6	40.2	43.3	45.9	48.2	50.1	53.4	57.0	60.7
82.5°	51.9	57.5	63.1	68.4	72.1	75.1	78.0	82.2	89.4	96.4	102.8
80°	74.5	82.0	90.6	98.9	106.1	113.3	120.7	128.4	136.4	143.9	151.1
77.5°	99.4	110.4	121.1	131.6	142.0	153.2	164.1	174.5	184.5	194.1	203.1
75°	125.4	138.6	153.1	167.5	181.4	194.9	208.2	222.3	235.8	248.7	261.0
72.5°	152.8	170.4	187.6	204.3	222.4	240.1	257.2	273.7	289.7	306.5	324.2
70°	182.0	202.0	224.4	245.8	266.0	287.1	308.2	326.4	343.8	366.9	390.6
67.5°	211.9	239.0	264.2	288.4	315.3	340.2	361.7	384.9	409.6	436.3	459.7
65°	247.3	276.7	306.0	336.5	367.6	393.5	420.5	449.2	477.1	503.8	529.1
62.5°	282.1	315.3	349.0	382.3	414.3	445.4	477.9	509.8	540.5	571.6	598.9
60°	315.7	353.4	389.0	423.8	460.0	498.6	534.7	570.0	606.9	642.0	660.4
57.5°	348.1	388.4	425.6	464.7	507.2	550.8	588.7	628.8	660.4	684.7	708.5
55°	378.6	420.5	461.3	505.2	551.4	596.7	638.9	674.6	703.7	726.1	751.2
52.5°	407.2	451.4	495.8	543.7	592.7	641.1	685.2	718.6	744.9	767.7	791.4
50°	435.2	481.6	528.5	581.1	633.7	685.1	728.3	758.9	783.7	807.1	831.4
47.5°	462.8	511.5	562.0	618.0	674.9	724.6	765.6	793.5	818.5	846.1	872.7
45°	489.8	542.5	596.1	656.2	713.4	761.3	796.1	824.1	854.9	884.7	913.2
42.5°	516.3	573.1	631.1	693.5	748.8	791.9	824.4	857.5	890.7	922.4	954.6
40°	542.9	602.4	663.9	726.0	781.6	818.8	853.2	888.9	925.5	959.9	995.6
37.5°	568.4	630.0	693.5	756.2	806.7	844.4	880.1	919.5	958.1	995.7	1042.1
35°	592.6	655.2	719.2	779.8	828.5	867.4	907.4	948.8	989.4	1038.0	1090.9
32.5°	614.3	677.8	742.6	799.1	846.7	888.8	933.6	976.9	1025.6	1080.5	1144.1
30°	632.6	697.5	762.6	817.8	864.3	908.8	957.4	1005.2	1062.1	1128.2	1203.8
27.5°	648.7	715.3	778.5	833.8	881.0	925.4	976.5	1036.8	1102.1	1176.3	1265.0
25°	663.7	733.2	793.6	848.4	894.4	940.7	995.5	1062.2	1140.8	1230.1	1338.7
22.5°	677.8	750.4	808.8	862.3	904.9	955.0	1016.6	1089.2	1174.6	1279.3	1411.5
20°	691.4	763.3	821.1	873.2	912.8	967.3	1035.3	1112.7	1209.8	1334.6	1487.5
17.5°	703.9	774.3	830.6	879.6	923.0	980.5	1051.7	1131.9	1240.4	1384.9	1557.4
15°	715.2	783.5	838.3	884.9	932.2	994.3	1068.8	1155.6	1274.2	1432.8	1619.3
12.5°	725.2	791.0	844.1	888.9	939.6	1005.6	1084.0	1180.4	1310.6	1479.9	1697.8
10°	733.7	796.7	848.3	891.7	945.1	1014.3	1096.7	1200.6	1339.6	1516.4	1758.2
7.5°	741.0	801.3	851.1	893.2	948.7	1020.3	1106.6	1216.0	1359.8	1542.3	1801.8
5°	746.2	804.9	854.6	898.3	954.3	1025.1	1113.9	1226.5	1371.7	1557.7	1828.9
2.5°	749.1	807.1	856.6	903.1	960.3	1029.1	1119.3	1238.0	1381.4	1572.7	1849.6
0°	750.1	807.8	857.3	906.7	964.4	1030.4	1121.1	1244.7	1384.8	1582.7	1862.9
-2.5°	749.1	807.1	856.6	903.1	960.3	1029.1	1119.3	1238.0	1381.4	1572.7	1849.6
-5°	746.2	804.9	854.6	898.3	954.3	1025.1	1113.9	1226.5	1371.7	1557.7	1828.9
-7.5°	741.0	801.3	851.1	893.2	948.7	1020.3	1106.6	1216.0	1359.8	1542.3	1801.8
-10°	733.7	796.7	848.3	891.7	945.1	1014.3	1096.7	1200.6	1339.6	1516.4	1758.2
-12.5°	725.2	791.0	844.1	888.9	939.6	1005.6	1084.0	1180.4	1310.6	1479.9	1697.8
-15°	715.2	783.5	838.3	884.9	932.2	994.3	1068.8	1155.6	1274.2	1432.8	1619.3
-17.5°	703.9	774.3	830.6	879.6	923.0	980.5	1051.7	1131.9	1240.4	1384.9	1557.4
-20°	691.4	763.3	821.1	873.2	912.8	967.3	1035.3	1112.7	1209.8	1334.6	1487.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627719 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-750-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°	677.8	750.4	808.8	862.3	904.9	955.0	1016.6	1089.2	1174.6	1279.3	1411.5
-25°	663.7	733.2	793.6	848.4	894.4	940.7	995.5	1062.2	1140.8	1230.1	1338.7
-27.5°	648.7	715.3	778.5	833.8	881.0	925.4	976.5	1036.8	1102.1	1176.3	1265.0
-30°	632.6	697.5	762.6	817.8	864.3	908.8	957.4	1005.2	1062.1	1128.2	1203.8
-32.5°	614.3	677.8	742.6	799.1	846.7	888.8	933.6	976.9	1025.6	1080.5	1144.1
-35°	592.6	655.2	719.2	779.8	828.5	867.4	907.4	948.8	989.4	1038.0	1090.9
-37.5°	568.4	630.0	693.5	756.2	806.7	844.4	880.1	919.5	958.1	995.7	1042.1
-40°	542.9	602.4	663.9	726.0	781.6	818.8	853.2	888.9	925.5	959.9	995.6
-42.5°	516.3	573.1	631.1	693.5	748.8	791.9	824.4	857.5	890.7	922.4	954.6
-45°	489.8	542.5	596.1	656.2	713.4	761.3	796.1	824.1	854.9	884.7	913.2
-47.5°	462.8	511.5	562.0	618.0	674.9	724.6	765.6	793.5	818.5	846.1	872.7
-50°	435.2	481.6	528.5	581.1	633.7	685.1	728.3	758.9	783.7	807.1	831.4
-52.5°	407.2	451.4	495.8	543.7	592.7	641.1	685.2	718.6	744.9	767.7	791.4
-55°	378.6	420.5	461.3	505.2	551.4	596.7	638.9	674.6	703.7	726.1	751.2
-57.5°	348.1	388.4	425.6	464.7	507.2	550.8	588.7	628.8	660.4	684.7	708.5
-60°	315.7	353.4	389.0	423.8	460.0	498.6	534.7	570.0	606.9	642.0	660.4
-62.5°	282.1	315.3	349.0	382.3	414.3	445.4	477.9	509.8	540.5	571.6	598.9
-65°	247.3	276.7	306.0	336.5	367.6	393.5	420.5	449.2	477.1	503.8	529.1
-67.5°	211.9	239.0	264.2	288.4	315.3	340.2	361.7	384.9	409.6	436.3	459.7
-70°	182.0	202.0	224.4	245.8	266.0	287.1	308.2	326.4	343.8	366.9	390.6
-72.5°	152.8	170.4	187.6	204.3	222.4	240.1	257.2	273.7	289.7	306.5	324.2
-75°	125.4	138.6	153.1	167.5	181.4	194.9	208.2	222.3	235.8	248.7	261.0
-77.5°	99.4	110.4	121.1	131.6	142.0	153.2	164.1	174.5	184.5	194.1	203.1
-80°	74.5	82.0	90.6	98.9	106.1	113.3	120.7	128.4	136.4	143.9	151.1
-82.5°	51.9	57.5	63.1	68.4	72.1	75.1	78.0	82.2	89.4	96.4	102.8
-85°	30.4	33.0	36.6	40.2	43.3	45.9	48.2	50.1	53.4	57.0	60.7
-87.5°	15.2	16.5	17.7	18.9	20.1	21.2	22.3	23.3	24.3	25.3	26.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627719 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-750-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°	27.0	27.8	28.6	29.3	29.9	30.5	31.0	31.5	31.9	30.2	28.4
85°	64.4	66.9	69.1	71.2	73.1	74.9	76.4	77.8	79.0	78.0	76.8
82.5°	108.6	112.9	116.8	120.4	123.8	126.9	129.6	132.0	134.2	134.0	133.4
80°	158.0	165.1	172.2	179.2	186.1	190.3	193.3	195.6	197.2	197.9	198.0
77.5°	212.4	223.3	234.7	246.0	256.9	263.3	267.8	271.5	274.5	275.2	274.6
75°	272.6	286.7	302.3	315.9	327.7	334.9	339.9	344.2	347.6	348.5	348.1
72.5°	342.6	360.0	373.9	385.4	395.4	403.2	409.5	414.8	419.2	421.0	421.3
70°	411.5	428.7	441.9	453.6	463.3	471.4	479.0	485.4	490.8	494.7	497.6
67.5°	481.3	500.9	514.5	525.1	533.4	541.8	551.9	560.6	567.9	572.8	575.2
65°	552.8	573.1	586.3	597.8	608.0	618.7	629.9	638.1	643.5	646.9	649.1
62.5°	622.2	641.2	657.7	673.0	687.7	699.9	707.6	714.5	720.3	725.3	729.0
60°	681.8	706.0	724.4	739.1	753.5	767.4	776.8	784.2	790.1	794.4	797.1
57.5°	732.7	757.3	779.0	793.3	808.9	825.5	836.5	842.7	848.5	853.5	855.8
55°	777.1	799.8	819.9	839.4	856.9	871.8	883.4	891.9	899.0	904.6	906.5
52.5°	817.1	841.8	865.4	886.1	903.3	917.6	929.1	939.6	947.6	953.0	955.5
50°	859.1	885.7	911.0	933.6	951.3	967.3	981.7	994.0	1005.9	1015.2	1022.0
47.5°	900.4	928.8	956.7	981.6	1002.8	1026.0	1046.9	1064.5	1081.8	1095.7	1105.4
45°	942.1	974.8	1005.2	1037.3	1066.0	1096.4	1124.7	1149.0	1174.0	1192.9	1205.7
42.5°	988.4	1025.6	1062.1	1102.1	1141.2	1180.9	1223.7	1261.9	1291.4	1319.1	1341.5
40°	1038.0	1080.5	1128.2	1177.3	1234.9	1287.2	1344.8	1394.3	1438.9	1486.1	1523.6
37.5°	1090.9	1144.1	1206.7	1272.3	1346.9	1418.5	1493.7	1567.5	1631.9	1708.0	1766.0
35°	1149.4	1220.4	1297.4	1386.2	1479.1	1581.7	1684.5	1803.2	1905.4	2017.9	2115.9
32.5°	1218.6	1303.3	1404.5	1521.6	1641.0	1796.6	1942.0	2131.0	2294.5	2472.9	2652.6
30°	1289.8	1400.5	1531.2	1678.8	1868.4	2082.3	2320.9	2602.1	2892.1	3172.6	3511.0
27.5°	1378.0	1511.7	1669.9	1885.5	2164.5	2453.7	2864.0	3286.1	3819.0	4259.7	4881.2
25°	1469.7	1627.0	1851.7	2145.0	2509.3	3011.3	3633.7	4308.3	5245.9	6069.7	7035.8
22.5°	1569.5	1781.8	2061.4	2423.4	2975.8	3746.3	4688.7	5958.8	7341.8	8810.1	10270.7
20°	1673.4	1930.3	2296.8	2821.5	3579.5	4623.0	6240.9	8201.5	10177.3	12600.1	14745.4
17.5°	1793.8	2120.8	2572.4	3228.5	4240.1	5838.6	8083.1	10820.2	13885.4	17368.9	20461.8
15°	1894.1	2284.0	2854.0	3772.0	5163.1	7216.0	10046.5	13811.9	18418.1	23096.6	27843.1
12.5°	2010.6	2461.5	3131.0	4225.5	5972.7	8701.1	12553.8	17319.8	23072.5	29561.6	37211.4
10°	2113.9	2635.9	3468.0	4822.9	6958.2	10249.8	14925.8	20659.5	28083.3	37419.7	49266.1
7.5°	2190.5	2774.6	3728.2	5277.5	7810.1	11738.9	17166.7	24316.7	33749.8	46078.5	62336.8
5°	2240.3	2875.0	3912.3	5628.3	8476.9	12847.1	18809.1	26910.6	38291.0	55727.9	83259.1
2.5°	2270.0	2934.4	4017.4	5834.1	8882.5	13581.4	20058.6	28871.9	41234.0	61691.1	96716.0
0°	2283.3	2951.0	4080.3	5943.3	9017.9	13864.9	20632.5	29765.8	42550.9	63084.4	99082.0
-2.5°	2270.0	2934.4	4017.4	5834.1	8882.5	13581.4	20058.6	28871.9	41234.0	61691.1	96716.0
-5°	2240.3	2875.0	3912.3	5628.3	8476.9	12847.1	18809.1	26910.6	38291.0	55727.9	83259.1
-7.5°	2190.5	2774.6	3728.2	5277.5	7810.1	11738.9	17166.7	24316.7	33749.8	46078.5	62336.8
-10°	2113.9	2635.9	3468.0	4822.9	6958.2	10249.8	14925.8	20659.5	28083.3	37419.7	49266.1
-12.5°	2010.6	2461.5	3131.0	4225.5	5972.7	8701.1	12553.8	17319.8	23072.5	29561.6	37211.4
-15°	1894.1	2284.0	2854.0	3772.0	5163.1	7216.0	10046.5	13811.9	18418.1	23096.6	27843.1
-17.5°	1793.8	2120.8	2572.4	3228.5	4240.1	5838.6	8083.1	10820.2	13885.4	17368.9	20461.8
-20°	1673.4	1930.3	2296.8	2821.5	3579.5	4623.0	6240.9	8201.5	10177.3	12600.1	14745.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627719 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1569.5	1781.8	2061.4	2423.4	2975.8	3746.3	4688.7	5958.8	7341.8	8810.1	10270.7
-25°	1469.7	1627.0	1851.7	2145.0	2509.3	3011.3	3633.7	4308.3	5245.9	6069.7	7035.8
-27.5°	1378.0	1511.7	1669.9	1885.5	2164.5	2453.7	2864.0	3286.1	3819.0	4259.7	4881.2
-30°	1289.8	1400.5	1531.2	1678.8	1868.4	2082.3	2320.9	2602.1	2892.1	3172.6	3511.0
-32.5°	1218.6	1303.3	1404.5	1521.6	1641.0	1796.6	1942.0	2131.0	2294.5	2472.9	2652.6
-35°	1149.4	1220.4	1297.4	1386.2	1479.1	1581.7	1684.5	1803.2	1905.4	2017.9	2115.9
-37.5°	1090.9	1144.1	1206.7	1272.3	1346.9	1418.5	1493.7	1567.5	1631.9	1708.0	1766.0
-40°	1038.0	1080.5	1128.2	1177.3	1234.9	1287.2	1344.8	1394.3	1438.9	1486.1	1523.6
-42.5°	988.4	1025.6	1062.1	1102.1	1141.2	1180.9	1223.7	1261.9	1291.4	1319.1	1341.5
-45°	942.1	974.8	1005.2	1037.3	1066.0	1096.4	1124.7	1149.0	1174.0	1192.9	1205.7
-47.5°	900.4	928.8	956.7	981.6	1002.8	1026.0	1046.9	1064.5	1081.8	1095.7	1105.4
-50°	859.1	885.7	911.0	933.6	951.3	967.3	981.7	994.0	1005.9	1015.2	1022.0
-52.5°	817.1	841.8	865.4	886.1	903.3	917.6	929.1	939.6	947.6	953.0	955.5
-55°	777.1	799.8	819.9	839.4	856.9	871.8	883.4	891.9	899.0	904.6	906.5
-57.5°	732.7	757.3	779.0	793.3	808.9	825.5	836.5	842.7	848.5	853.5	855.8
-60°	681.8	706.0	724.4	739.1	753.5	767.4	776.8	784.2	790.1	794.4	797.1
-62.5°	622.2	641.2	657.7	673.0	687.7	699.9	707.6	714.5	720.3	725.3	729.0
-65°	552.8	573.1	586.3	597.8	608.0	618.7	629.9	638.1	643.5	646.9	649.1
-67.5°	481.3	500.9	514.5	525.1	533.4	541.8	551.9	560.6	567.9	572.8	575.2
-70°	411.5	428.7	441.9	453.6	463.3	471.4	479.0	485.4	490.8	494.7	497.6
-72.5°	342.6	360.0	373.9	385.4	395.4	403.2	409.5	414.8	419.2	421.0	421.3
-75°	272.6	286.7	302.3	315.9	327.7	334.9	339.9	344.2	347.6	348.5	348.1
-77.5°	212.4	223.3	234.7	246.0	256.9	263.3	267.8	271.5	274.5	275.2	274.6
-80°	158.0	165.1	172.2	179.2	186.1	190.3	193.3	195.6	197.2	197.9	198.0
-82.5°	108.6	112.9	116.8	120.4	123.8	126.9	129.6	132.0	134.2	134.0	133.4
-85°	64.4	66.9	69.1	71.2	73.1	74.9	76.4	77.8	79.0	78.0	76.8
-87.5°	27.0	27.8	28.6	29.3	29.9	30.5	31.0	31.5	31.9	30.2	28.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627719 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-750-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°	26.6	24.6	24.7	24.7	24.7	24.6	26.6	28.4	30.2	31.9	31.5
85°	75.4	73.8	74.1	74.2	74.1	73.8	75.4	76.8	78.0	79.0	77.8
82.5°	132.5	131.3	131.7	131.9	131.7	131.3	132.5	133.4	134.0	134.2	132.0
80°	197.7	196.9	193.5	189.6	193.5	196.9	197.7	198.0	197.9	197.2	195.6
77.5°	273.1	270.8	267.6	263.8	267.6	270.8	273.1	274.6	275.2	274.5	271.5
75°	346.9	344.8	345.7	346.2	345.7	344.8	346.9	348.1	348.5	347.6	344.2
72.5°	420.5	418.8	419.9	420.4	419.9	418.8	420.5	421.3	421.0	419.2	414.8
70°	499.6	500.5	498.3	494.6	498.3	500.5	499.6	497.6	494.7	490.8	485.4
67.5°	575.9	575.0	572.6	568.8	572.6	575.0	575.9	575.2	572.8	567.9	560.6
65°	649.8	649.0	650.4	651.2	650.4	649.0	649.8	649.1	646.9	643.5	638.1
62.5°	730.9	730.9	729.1	725.4	729.1	730.9	730.9	729.0	725.3	720.3	714.5
60°	798.2	797.5	795.3	791.3	795.3	797.5	798.2	797.1	794.4	790.1	784.2
57.5°	856.5	855.6	853.1	849.0	853.1	855.6	856.5	855.8	853.5	848.5	842.7
55°	906.7	905.5	902.7	898.5	902.7	905.5	906.7	906.5	904.6	899.0	891.9
52.5°	956.1	955.0	955.3	956.2	955.3	955.0	956.1	955.5	953.0	947.6	939.6
50°	1026.1	1027.5	1026.2	1022.1	1026.2	1027.5	1026.1	1022.0	1015.2	1005.9	994.0
47.5°	1110.0	1110.5	1108.5	1104.6	1108.5	1110.5	1110.0	1105.4	1095.7	1081.8	1064.5
45°	1215.7	1221.7	1223.3	1220.0	1223.3	1221.7	1215.7	1205.7	1192.9	1174.0	1149.0
42.5°	1358.8	1368.2	1370.9	1368.4	1370.9	1368.2	1358.8	1341.5	1319.1	1291.4	1261.9
40°	1546.7	1557.4	1559.4	1557.9	1559.4	1557.4	1546.7	1523.6	1486.1	1438.9	1394.3
37.5°	1806.8	1832.8	1845.0	1846.5	1845.0	1832.8	1806.8	1766.0	1708.0	1631.9	1567.5
35°	2190.5	2242.2	2269.9	2283.3	2269.9	2242.2	2190.5	2115.9	2017.9	1905.4	1803.2
32.5°	2788.7	2892.4	2949.9	2942.8	2949.9	2892.4	2788.7	2652.6	2472.9	2294.5	2131.0
30°	3766.1	3947.3	4038.5	4014.4	4038.5	3947.3	3766.1	3511.0	3172.6	2892.1	2602.1
27.5°	5327.5	5655.2	5844.6	5819.6	5844.6	5655.2	5327.5	4881.2	4259.7	3819.0	3286.1
25°	7843.5	8441.4	8824.2	8729.4	8824.2	8441.4	7843.5	7035.8	6069.7	5245.9	4308.3
22.5°	11670.9	12683.8	13354.1	13271.4	13354.1	12683.8	11670.9	10270.7	8810.1	7341.8	5958.8
20°	16920.9	18462.6	19563.4	19709.2	19563.4	18462.6	16920.9	14745.4	12600.1	10177.3	8201.5
17.5°	23802.6	26247.1	27948.7	28232.6	27948.7	26247.1	23802.6	20461.8	17368.9	13885.4	10820.2
15°	32746.4	36741.7	39633.2	39871.8	39633.2	36741.7	32746.4	27843.1	23096.6	18418.1	13811.9
12.5°	44890.8	52926.4	58170.7	60479.6	58170.7	52926.4	44890.8	37211.4	29561.6	23072.5	17319.8
10°	61697.9	80155.3	91975.7	96419.5	91975.7	80155.3	61697.9	49266.1	37419.7	28083.3	20659.5
7.5°	89770.9	118749.5	150966.1	164697.1	150966.1	118749.5	89770.9	62336.8	46078.5	33749.8	24316.7
5°	121561.3	181703.6	238909.6	261248.4	238909.6	181703.6	121561.3	83259.1	55727.9	38291.0	26910.6
2.5°	155013.1	238842.6	317397.3	348118.3	317397.3	238842.6	155013.1	96716.0	61691.1	41234.0	28871.9
0°	168076.7	263861.5	350290.3	384738.2	350290.3	263861.5	168076.7	99082.0	63084.4	42550.9	29765.8
-2.5°	155013.1	238842.6	317397.3	348118.3	317397.3	238842.6	155013.1	96716.0	61691.1	41234.0	28871.9
-5°	121561.3	181703.6	238909.6	261248.4	238909.6	181703.6	121561.3	83259.1	55727.9	38291.0	26910.6
-7.5°	89770.9	118749.5	150966.1	164697.1	150966.1	118749.5	89770.9	62336.8	46078.5	33749.8	24316.7
-10°	61697.9	80155.3	91975.7	96419.5	91975.7	80155.3	61697.9	49266.1	37419.7	28083.3	20659.5
-12.5°	44890.8	52926.4	58170.7	60479.6	58170.7	52926.4	44890.8	37211.4	29561.6	23072.5	17319.8
-15°	32746.4	36741.7	39633.2	39871.8	39633.2	36741.7	32746.4	27843.1	23096.6	18418.1	13811.9
-17.5°	23802.6	26247.1	27948.7	28232.6	27948.7	26247.1	23802.6	20461.8	17368.9	13885.4	10820.2
-20°	16920.9	18462.6	19563.4	19709.2	19563.4	18462.6	16920.9	14745.4	12600.1	10177.3	8201.5



REPORT NUMBER: P627719 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-750-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°	11670.9	12683.8	13354.1	13271.4	13354.1	12683.8	11670.9	10270.7	8810.1	7341.8	5958.8
-25°	7843.5	8441.4	8824.2	8729.4	8824.2	8441.4	7843.5	7035.8	6069.7	5245.9	4308.3
-27.5°	5327.5	5655.2	5844.6	5819.6	5844.6	5655.2	5327.5	4881.2	4259.7	3819.0	3286.1
-30°	3766.1	3947.3	4038.5	4014.4	4038.5	3947.3	3766.1	3511.0	3172.6	2892.1	2602.1
-32.5°	2788.7	2892.4	2949.9	2942.8	2949.9	2892.4	2788.7	2652.6	2472.9	2294.5	2131.0
-35°	2190.5	2242.2	2269.9	2283.3	2269.9	2242.2	2190.5	2115.9	2017.9	1905.4	1803.2
-37.5°	1806.8	1832.8	1845.0	1846.5	1845.0	1832.8	1806.8	1766.0	1708.0	1631.9	1567.5
-40°	1546.7	1557.4	1559.4	1557.9	1559.4	1557.4	1546.7	1523.6	1486.1	1438.9	1394.3
-42.5°	1358.8	1368.2	1370.9	1368.4	1370.9	1368.2	1358.8	1341.5	1319.1	1291.4	1261.9
-45°	1215.7	1221.7	1223.3	1220.0	1223.3	1221.7	1215.7	1205.7	1192.9	1174.0	1149.0
-47.5°	1110.0	1110.5	1108.5	1104.6	1108.5	1110.5	1110.0	1105.4	1095.7	1081.8	1064.5
-50°	1026.1	1027.5	1026.2	1022.1	1026.2	1027.5	1026.1	1022.0	1015.2	1005.9	994.0
-52.5°	956.1	955.0	955.3	956.2	955.3	955.0	956.1	955.5	953.0	947.6	939.6
-55°	906.7	905.5	902.7	898.5	902.7	905.5	906.7	906.5	904.6	899.0	891.9
-57.5°	856.5	855.6	853.1	849.0	853.1	855.6	856.5	855.8	853.5	848.5	842.7
-60°	798.2	797.5	795.3	791.3	795.3	797.5	798.2	797.1	794.4	790.1	784.2
-62.5°	730.9	730.9	729.1	725.4	729.1	730.9	730.9	729.0	725.3	720.3	714.5
-65°	649.8	649.0	650.4	651.2	650.4	649.0	649.8	649.1	646.9	643.5	638.1
-67.5°	575.9	575.0	572.6	568.8	572.6	575.0	575.9	575.2	572.8	567.9	560.6
-70°	499.6	500.5	498.3	494.6	498.3	500.5	499.6	497.6	494.7	490.8	485.4
-72.5°	420.5	418.8	419.9	420.4	419.9	418.8	420.5	421.3	421.0	419.2	414.8
-75°	346.9	344.8	345.7	346.2	345.7	344.8	346.9	348.1	348.5	347.6	344.2
-77.5°	273.1	270.8	267.6	263.8	267.6	270.8	273.1	274.6	275.2	274.5	271.5
-80°	197.7	196.9	193.5	189.6	193.5	196.9	197.7	198.0	197.9	197.2	195.6
-82.5°	132.5	131.3	131.7	131.9	131.7	131.3	132.5	133.4	134.0	134.2	132.0
-85°	75.4	73.8	74.1	74.2	74.1	73.8	75.4	76.8	78.0	79.0	77.8
-87.5°	26.6	24.6	24.7	24.7	24.7	24.6	26.6	28.4	30.2	31.9	31.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627719 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-750-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°	31.0	30.5	29.9	29.3	28.6	27.8	27.0	26.2	25.3	24.3	23.3
85°	76.4	74.9	73.1	71.2	69.1	66.9	64.4	60.7	57.0	53.4	50.1
82.5°	129.6	126.9	123.8	120.4	116.8	112.9	108.6	102.8	96.4	89.4	82.2
80°	193.3	190.3	186.1	179.2	172.2	165.1	158.0	151.1	143.9	136.4	128.4
77.5°	267.8	263.3	256.9	246.0	234.7	223.3	212.4	203.1	194.1	184.5	174.5
75°	339.9	334.9	327.7	315.9	302.3	286.7	272.6	261.0	248.7	235.8	222.3
72.5°	409.5	403.2	395.4	385.4	373.9	360.0	342.6	324.2	306.5	289.7	273.7
70°	479.0	471.4	463.3	453.6	441.9	428.7	411.5	390.6	366.9	343.8	326.4
67.5°	551.9	541.8	533.4	525.1	514.5	500.9	481.3	459.7	436.3	409.6	384.9
65°	629.9	618.7	608.0	597.8	586.3	573.1	552.8	529.1	503.8	477.1	449.2
62.5°	707.6	699.9	687.7	673.0	657.7	641.2	622.2	598.9	571.6	540.5	509.8
60°	776.8	767.4	753.5	739.1	724.4	706.0	681.8	660.4	642.0	606.9	570.0
57.5°	836.5	825.5	808.9	793.3	779.0	757.3	732.7	708.5	684.7	660.4	628.8
55°	883.4	871.8	856.9	839.4	819.9	799.8	777.1	751.2	726.1	703.7	674.6
52.5°	929.1	917.6	903.3	886.1	865.4	841.8	817.1	791.4	767.7	744.9	718.6
50°	981.7	967.3	951.3	933.6	911.0	885.7	859.1	831.4	807.1	783.7	758.9
47.5°	1046.9	1026.0	1002.8	981.6	956.7	928.8	900.4	872.7	846.1	818.5	793.5
45°	1124.7	1096.4	1066.0	1037.3	1005.2	974.8	942.1	913.2	884.7	854.9	824.1
42.5°	1223.7	1180.9	1141.2	1102.1	1062.1	1025.6	988.4	954.6	922.4	890.7	857.5
40°	1344.8	1287.2	1234.9	1177.3	1128.2	1080.5	1038.0	995.6	959.9	925.5	888.9
37.5°	1493.7	1418.5	1346.9	1272.3	1206.7	1144.1	1090.9	1042.1	995.7	958.1	919.5
35°	1684.5	1581.7	1479.1	1386.2	1297.4	1220.4	1149.4	1090.9	1038.0	989.4	948.8
32.5°	1942.0	1796.6	1641.0	1521.6	1404.5	1303.3	1218.6	1144.1	1080.5	1025.6	976.9
30°	2320.9	2082.3	1868.4	1678.8	1531.2	1400.5	1289.8	1203.8	1128.2	1062.1	1005.2
27.5°	2864.0	2453.7	2164.5	1885.5	1669.9	1511.7	1378.0	1265.0	1176.3	1102.1	1036.8
25°	3633.7	3011.3	2509.3	2145.0	1851.7	1627.0	1469.7	1338.7	1230.1	1140.8	1062.2
22.5°	4688.7	3746.3	2975.8	2423.4	2061.4	1781.8	1569.5	1411.5	1279.3	1174.6	1089.2
20°	6240.9	4623.0	3579.5	2821.5	2296.8	1930.3	1673.4	1487.5	1334.6	1209.8	1112.7
17.5°	8083.1	5838.6	4240.1	3228.5	2572.4	2120.8	1793.8	1557.4	1384.9	1240.4	1131.9
15°	10046.5	7216.0	5163.1	3772.0	2854.0	2284.0	1894.1	1619.3	1432.8	1274.2	1155.6
12.5°	12553.8	8701.1	5972.7	4225.5	3131.0	2461.5	2010.6	1697.8	1479.9	1310.6	1180.4
10°	14925.8	10249.8	6958.2	4822.9	3468.0	2635.9	2113.9	1758.2	1516.4	1339.6	1200.6
7.5°	17166.7	11738.9	7810.1	5277.5	3728.2	2774.6	2190.5	1801.8	1542.3	1359.8	1216.0
5°	18809.1	12847.1	8476.9	5628.3	3912.3	2875.0	2240.3	1828.9	1557.7	1371.7	1226.5
2.5°	20058.6	13581.4	8882.5	5834.1	4017.4	2934.4	2270.0	1849.6	1572.7	1381.4	1238.0
0°	20632.5	13864.9	9017.9	5943.3	4080.3	2951.0	2283.3	1862.9	1582.7	1384.8	1244.7
-2.5°	20058.6	13581.4	8882.5	5834.1	4017.4	2934.4	2270.0	1849.6	1572.7	1381.4	1238.0
-5°	18809.1	12847.1	8476.9	5628.3	3912.3	2875.0	2240.3	1828.9	1557.7	1371.7	1226.5
-7.5°	17166.7	11738.9	7810.1	5277.5	3728.2	2774.6	2190.5	1801.8	1542.3	1359.8	1216.0
-10°	14925.8	10249.8	6958.2	4822.9	3468.0	2635.9	2113.9	1758.2	1516.4	1339.6	1200.6
-12.5°	12553.8	8701.1	5972.7	4225.5	3131.0	2461.5	2010.6	1697.8	1479.9	1310.6	1180.4
-15°	10046.5	7216.0	5163.1	3772.0	2854.0	2284.0	1894.1	1619.3	1432.8	1274.2	1155.6
-17.5°	8083.1	5838.6	4240.1	3228.5	2572.4	2120.8	1793.8	1557.4	1384.9	1240.4	1131.9
-20°	6240.9	4623.0	3579.5	2821.5	2296.8	1930.3	1673.4	1487.5	1334.6	1209.8	1112.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627719 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4688.7	3746.3	2975.8	2423.4	2061.4	1781.8	1569.5	1411.5	1279.3	1174.6	1089.2
-25°	3633.7	3011.3	2509.3	2145.0	1851.7	1627.0	1469.7	1338.7	1230.1	1140.8	1062.2
-27.5°	2864.0	2453.7	2164.5	1885.5	1669.9	1511.7	1378.0	1265.0	1176.3	1102.1	1036.8
-30°	2320.9	2082.3	1868.4	1678.8	1531.2	1400.5	1289.8	1203.8	1128.2	1062.1	1005.2
-32.5°	1942.0	1796.6	1641.0	1521.6	1404.5	1303.3	1218.6	1144.1	1080.5	1025.6	976.9
-35°	1684.5	1581.7	1479.1	1386.2	1297.4	1220.4	1149.4	1090.9	1038.0	989.4	948.8
-37.5°	1493.7	1418.5	1346.9	1272.3	1206.7	1144.1	1090.9	1042.1	995.7	958.1	919.5
-40°	1344.8	1287.2	1234.9	1177.3	1128.2	1080.5	1038.0	995.6	959.9	925.5	888.9
-42.5°	1223.7	1180.9	1141.2	1102.1	1062.1	1025.6	988.4	954.6	922.4	890.7	857.5
-45°	1124.7	1096.4	1066.0	1037.3	1005.2	974.8	942.1	913.2	884.7	854.9	824.1
-47.5°	1046.9	1026.0	1002.8	981.6	956.7	928.8	900.4	872.7	846.1	818.5	793.5
-50°	981.7	967.3	951.3	933.6	911.0	885.7	859.1	831.4	807.1	783.7	758.9
-52.5°	929.1	917.6	903.3	886.1	865.4	841.8	817.1	791.4	767.7	744.9	718.6
-55°	883.4	871.8	856.9	839.4	819.9	799.8	777.1	751.2	726.1	703.7	674.6
-57.5°	836.5	825.5	808.9	793.3	779.0	757.3	732.7	708.5	684.7	660.4	628.8
-60°	776.8	767.4	753.5	739.1	724.4	706.0	681.8	660.4	642.0	606.9	570.0
-62.5°	707.6	699.9	687.7	673.0	657.7	641.2	622.2	598.9	571.6	540.5	509.8
-65°	629.9	618.7	608.0	597.8	586.3	573.1	552.8	529.1	503.8	477.1	449.2
-67.5°	551.9	541.8	533.4	525.1	514.5	500.9	481.3	459.7	436.3	409.6	384.9
-70°	479.0	471.4	463.3	453.6	441.9	428.7	411.5	390.6	366.9	343.8	326.4
-72.5°	409.5	403.2	395.4	385.4	373.9	360.0	342.6	324.2	306.5	289.7	273.7
-75°	339.9	334.9	327.7	315.9	302.3	286.7	272.6	261.0	248.7	235.8	222.3
-77.5°	267.8	263.3	256.9	246.0	234.7	223.3	212.4	203.1	194.1	184.5	174.5
-80°	193.3	190.3	186.1	179.2	172.2	165.1	158.0	151.1	143.9	136.4	128.4
-82.5°	129.6	126.9	123.8	120.4	116.8	112.9	108.6	102.8	96.4	89.4	82.2
-85°	76.4	74.9	73.1	71.2	69.1	66.9	64.4	60.7	57.0	53.4	50.1
-87.5°	31.0	30.5	29.9	29.3	28.6	27.8	27.0	26.2	25.3	24.3	23.3
-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: P627719 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-750-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°	22.3	21.2	20.1	18.9	17.7	16.5	15.2	13.9	12.6	11.3	9.9
85°	48.2	45.9	43.3	40.2	36.6	33.0	30.4	27.9	25.2	22.5	19.8
82.5°	78.0	75.1	72.1	68.4	63.1	57.5	51.9	46.1	40.2	34.2	29.7
80°	120.7	113.3	106.1	98.9	90.6	82.0	74.5	66.8	58.9	50.9	42.7
77.5°	164.1	153.2	142.0	131.6	121.1	110.4	99.4	88.1	77.5	67.5	57.3
75°	208.2	194.9	181.4	167.5	153.1	138.6	125.4	111.9	98.2	84.2	71.8
72.5°	257.2	240.1	222.4	204.3	187.6	170.4	152.8	135.5	119.5	103.2	86.7
70°	308.2	287.1	266.0	245.8	224.4	202.0	182.0	161.5	140.6	122.0	103.2
67.5°	361.7	340.2	315.3	288.4	264.2	239.0	211.9	187.8	164.4	140.6	119.5
65°	420.5	393.5	367.6	336.5	306.0	276.7	247.3	215.4	187.8	161.5	135.5
62.5°	477.9	445.4	414.3	382.3	349.0	315.3	282.1	246.4	211.7	182.0	152.8
60°	534.7	498.6	460.0	423.8	389.0	353.4	315.7	276.4	238.3	202.0	170.4
57.5°	588.7	550.8	507.2	464.7	425.6	388.4	348.1	305.5	264.1	224.0	187.5
55°	638.9	596.7	551.4	505.2	461.3	420.5	378.6	333.5	288.9	245.8	203.9
52.5°	685.2	641.1	592.7	543.7	495.8	451.4	407.2	360.3	312.8	266.7	221.6
50°	728.3	685.1	633.7	581.1	528.5	481.6	435.2	386.1	335.6	286.7	238.9
47.5°	765.6	724.6	674.9	618.0	562.0	511.5	462.8	411.3	357.2	305.8	255.6
45°	796.1	761.3	713.4	656.2	596.1	542.5	489.8	436.0	379.4	324.2	271.7
42.5°	824.4	791.9	748.8	693.5	631.1	573.1	516.3	460.0	401.0	341.8	287.0
40°	853.2	818.8	781.6	726.0	663.9	602.4	542.9	483.3	421.8	359.1	301.6
37.5°	880.1	844.4	806.7	756.2	693.5	630.0	568.4	505.9	441.2	376.3	315.5
35°	907.4	867.4	828.5	779.8	719.2	655.2	592.6	527.6	459.5	392.4	328.6
32.5°	933.6	888.8	846.7	799.1	742.6	677.8	614.3	546.5	476.7	407.1	340.9
30°	957.4	908.8	864.3	817.8	762.6	697.5	632.6	563.7	492.6	420.7	352.4
27.5°	976.5	925.4	881.0	833.8	778.5	715.3	648.7	579.2	507.2	433.2	363.4
25°	995.5	940.7	894.4	848.4	793.6	733.2	663.7	592.8	520.1	445.0	373.2
22.5°	1016.6	955.0	904.9	862.3	808.8	750.4	677.8	604.7	531.3	455.6	382.0
20°	1035.3	967.3	912.8	873.2	821.1	763.3	691.4	615.5	540.9	465.0	389.7
17.5°	1051.7	980.5	923.0	879.6	830.6	774.3	703.9	625.0	549.0	473.1	396.2
15°	1068.8	994.3	932.2	884.9	838.3	783.5	715.2	633.2	555.5	480.1	402.0
12.5°	1084.0	1005.6	939.6	888.9	844.1	791.0	725.2	640.0	560.6	485.9	407.4
10°	1096.7	1014.3	945.1	891.7	848.3	796.7	733.7	646.6	566.1	490.4	411.9
7.5°	1106.6	1020.3	948.7	893.2	851.1	801.3	741.0	654.2	570.7	493.5	415.5
5°	1113.9	1025.1	954.3	898.3	854.6	804.9	746.2	660.3	574.1	495.1	418.2
2.5°	1119.3	1029.1	960.3	903.1	856.6	807.1	749.1	664.9	576.3	495.5	419.8
0°	1121.1	1030.4	964.4	906.7	857.3	807.8	750.1	667.7	577.0	494.6	420.4
-2.5°	1119.3	1029.1	960.3	903.1	856.6	807.1	749.1	664.9	576.3	495.5	419.8
-5°	1113.9	1025.1	954.3	898.3	854.6	804.9	746.2	660.3	574.1	495.1	418.2
-7.5°	1106.6	1020.3	948.7	893.2	851.1	801.3	741.0	654.2	570.7	493.5	415.5
-10°	1096.7	1014.3	945.1	891.7	848.3	796.7	733.7	646.6	566.1	490.4	411.9
-12.5°	1084.0	1005.6	939.6	888.9	844.1	791.0	725.2	640.0	560.6	485.9	407.4
-15°	1068.8	994.3	932.2	884.9	838.3	783.5	715.2	633.2	555.5	480.1	402.0
-17.5°	1051.7	980.5	923.0	879.6	830.6	774.3	703.9	625.0	549.0	473.1	396.2
-20°	1035.3	967.3	912.8	873.2	821.1	763.3	691.4	615.5	540.9	465.0	389.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627719 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-750-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°	1016.6	955.0	904.9	862.3	808.8	750.4	677.8	604.7	531.3	455.6	382.0
-25°	995.5	940.7	894.4	848.4	793.6	733.2	663.7	592.8	520.1	445.0	373.2
-27.5°	976.5	925.4	881.0	833.8	778.5	715.3	648.7	579.2	507.2	433.2	363.4
-30°	957.4	908.8	864.3	817.8	762.6	697.5	632.6	563.7	492.6	420.7	352.4
-32.5°	933.6	888.8	846.7	799.1	742.6	677.8	614.3	546.5	476.7	407.1	340.9
-35°	907.4	867.4	828.5	779.8	719.2	655.2	592.6	527.6	459.5	392.4	328.6
-37.5°	880.1	844.4	806.7	756.2	693.5	630.0	568.4	505.9	441.2	376.3	315.5
-40°	853.2	818.8	781.6	726.0	663.9	602.4	542.9	483.3	421.8	359.1	301.6
-42.5°	824.4	791.9	748.8	693.5	631.1	573.1	516.3	460.0	401.0	341.8	287.0
-45°	796.1	761.3	713.4	656.2	596.1	542.5	489.8	436.0	379.4	324.2	271.7
-47.5°	765.6	724.6	674.9	618.0	562.0	511.5	462.8	411.3	357.2	305.8	255.6
-50°	728.3	685.1	633.7	581.1	528.5	481.6	435.2	386.1	335.6	286.7	238.9
-52.5°	685.2	641.1	592.7	543.7	495.8	451.4	407.2	360.3	312.8	266.7	221.6
-55°	638.9	596.7	551.4	505.2	461.3	420.5	378.6	333.5	288.9	245.8	203.9
-57.5°	588.7	550.8	507.2	464.7	425.6	388.4	348.1	305.5	264.1	224.0	187.5
-60°	534.7	498.6	460.0	423.8	389.0	353.4	315.7	276.4	238.3	202.0	170.4
-62.5°	477.9	445.4	414.3	382.3	349.0	315.3	282.1	246.4	211.7	182.0	152.8
-65°	420.5	393.5	367.6	336.5	306.0	276.7	247.3	215.4	187.8	161.5	135.5
-67.5°	361.7	340.2	315.3	288.4	264.2	239.0	211.9	187.8	164.4	140.6	119.5
-70°	308.2	287.1	266.0	245.8	224.4	202.0	182.0	161.5	140.6	122.0	103.2
-72.5°	257.2	240.1	222.4	204.3	187.6	170.4	152.8	135.5	119.5	103.2	86.7
-75°	208.2	194.9	181.4	167.5	153.1	138.6	125.4	111.9	98.2	84.2	71.8
-77.5°	164.1	153.2	142.0	131.6	121.1	110.4	99.4	88.1	77.5	67.5	57.3
-80°	120.7	113.3	106.1	98.9	90.6	82.0	74.5	66.8	58.9	50.9	42.7
-82.5°	78.0	75.1	72.1	68.4	63.1	57.5	51.9	46.1	40.2	34.2	29.7
-85°	48.2	45.9	43.3	40.2	36.6	33.0	30.4	27.9	25.2	22.5	19.8
-87.5°	22.3	21.2	20.1	18.9	17.7	16.5	15.2	13.9	12.6	11.3	9.9
-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: P627719 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-750-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°	8.5	7.1	5.7	4.3	2.9	1.3	0.0
85°	17.1	14.3	11.4	8.6	5.7	2.5	0.0
82.5°	25.6	21.4	17.1	12.9	8.6	3.8	0.0
80°	34.5	28.4	22.8	17.1	11.4	5.0	0.0
77.5°	47.0	36.5	28.4	21.4	14.2	6.2	0.0
75°	59.3	46.4	34.4	25.6	16.9	7.4	0.0
72.5°	71.4	56.1	41.9	29.7	19.6	8.6	0.0
70°	83.5	65.6	49.2	34.0	22.2	9.8	0.0
67.5°	97.3	75.0	56.4	39.2	24.7	10.9	0.0
65°	110.8	85.1	63.4	44.3	27.2	12.0	0.0
62.5°	124.1	96.2	70.3	49.3	29.6	13.1	0.0
60°	137.0	107.0	76.9	54.1	31.9	14.1	0.0
57.5°	151.3	117.5	85.2	58.7	34.8	15.1	0.0
55°	165.3	127.7	93.4	63.2	37.7	16.1	0.0
52.5°	178.9	137.9	101.3	67.6	40.6	17.0	0.0
50°	192.1	148.8	108.9	71.7	43.3	17.9	0.0
47.5°	205.0	159.4	116.3	76.0	46.0	18.8	0.0
45°	218.7	169.5	123.3	81.3	48.6	19.5	0.0
42.5°	231.9	179.2	130.0	86.3	51.1	20.3	0.0
40°	244.4	188.4	136.9	91.2	53.5	21.0	0.0
37.5°	256.2	197.1	143.9	96.0	55.8	21.6	0.0
35°	267.4	206.0	150.4	100.5	58.0	22.2	0.0
32.5°	277.9	214.7	156.5	104.7	60.1	22.7	0.0
30°	287.6	222.7	162.2	108.6	62.0	23.2	0.0
27.5°	296.6	230.2	167.8	112.2	63.9	23.6	0.0
25°	304.9	237.0	172.9	115.6	65.6	24.0	0.0
22.5°	312.3	243.2	177.6	118.7	67.1	24.3	0.0
20°	319.0	248.5	181.8	121.4	68.6	24.5	0.0
17.5°	324.5	253.1	185.5	123.8	69.8	24.7	0.0
15°	329.0	256.8	188.7	126.0	71.0	24.9	0.0
12.5°	332.7	259.8	191.5	127.8	71.9	25.0	0.0
10°	335.5	262.0	193.8	129.3	72.7	25.0	0.0
7.5°	337.4	263.5	195.5	130.4	73.4	25.0	0.0
5°	338.5	264.3	196.8	131.2	73.8	25.0	0.0
2.5°	338.7	264.4	197.5	131.7	74.1	24.9	0.0
0°	338.0	263.8	197.8	131.9	74.2	24.7	0.0
-2.5°	338.7	264.4	197.5	131.7	74.1	24.9	0.0
-5°	338.5	264.3	196.8	131.2	73.8	25.0	0.0
-7.5°	337.4	263.5	195.5	130.4	73.4	25.0	0.0
-10°	335.5	262.0	193.8	129.3	72.7	25.0	0.0
-12.5°	332.7	259.8	191.5	127.8	71.9	25.0	0.0
-15°	329.0	256.8	188.7	126.0	71.0	24.9	0.0
-17.5°	324.5	253.1	185.5	123.8	69.8	24.7	0.0
-20°	319.0	248.5	181.8	121.4	68.6	24.5	0.0

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REPORT NUMBER: P627719 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	312.3	243.2	177.6	118.7	67.1	24.3	0.0
-25°	304.9	237.0	172.9	115.6	65.6	24.0	0.0
-27.5°	296.6	230.2	167.8	112.2	63.9	23.6	0.0
-30°	287.6	222.7	162.2	108.6	62.0	23.2	0.0
-32.5°	277.9	214.7	156.5	104.7	60.1	22.7	0.0
-35°	267.4	206.0	150.4	100.5	58.0	22.2	0.0
-37.5°	256.2	197.1	143.9	96.0	55.8	21.6	0.0
-40°	244.4	188.4	136.9	91.2	53.5	21.0	0.0
-42.5°	231.9	179.2	130.0	86.3	51.1	20.3	0.0
-45°	218.7	169.5	123.3	81.3	48.6	19.5	0.0
-47.5°	205.0	159.4	116.3	76.0	46.0	18.8	0.0
-50°	192.1	148.8	108.9	71.7	43.3	17.9	0.0
-52.5°	178.9	137.9	101.3	67.6	40.6	17.0	0.0
-55°	165.3	127.7	93.4	63.2	37.7	16.1	0.0
-57.5°	151.3	117.5	85.2	58.7	34.8	15.1	0.0
-60°	137.0	107.0	76.9	54.1	31.9	14.1	0.0
-62.5°	124.1	96.2	70.3	49.3	29.6	13.1	0.0
-65°	110.8	85.1	63.4	44.3	27.2	12.0	0.0
-67.5°	97.3	75.0	56.4	39.2	24.7	10.9	0.0
-70°	83.5	65.6	49.2	34.0	22.2	9.8	0.0
-72.5°	71.4	56.1	41.9	29.7	19.6	8.6	0.0
-75°	59.3	46.4	34.4	25.6	16.9	7.4	0.0
-77.5°	47.0	36.5	28.4	21.4	14.2	6.2	0.0
-80°	34.5	28.4	22.8	17.1	11.4	5.0	0.0
-82.5°	25.6	21.4	17.1	12.9	8.6	3.8	0.0
-85°	17.1	14.3	11.4	8.6	5.7	2.5	0.0
-87.5°	8.5	7.1	5.7	4.3	2.9	1.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)