

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: P627587 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-740-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627587 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5B-740-U-MWR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N123
Light Source: (80) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

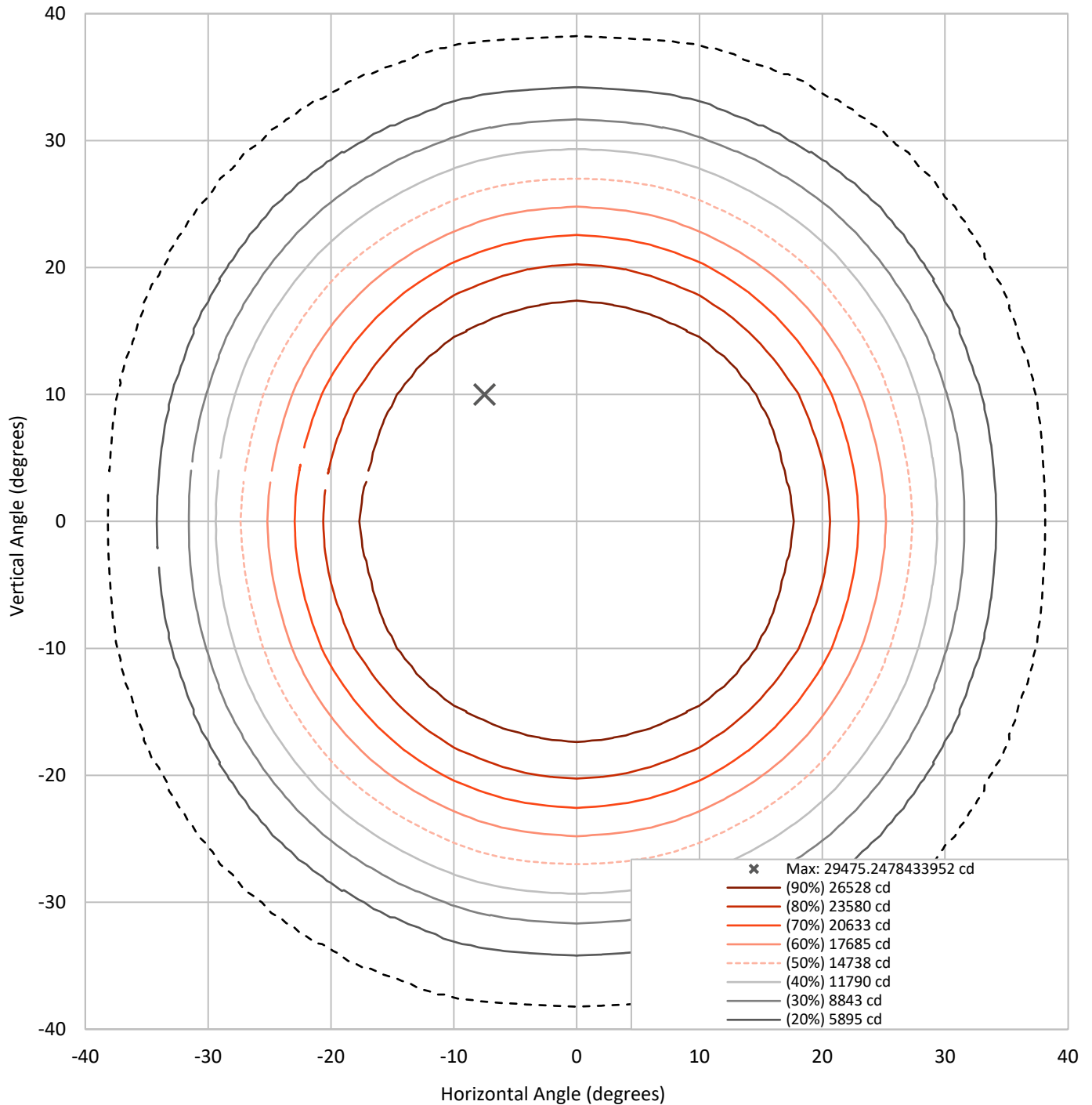
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	25086.2 lumens	Max Intensity:	29475.2 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	158.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	16650.8 lumens	Field Lumens:	21650.7 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	158.7		
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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CATALOG NUMBER: GFLD-SA5B-740-U-MWR-XX

Iso-Candela Plot





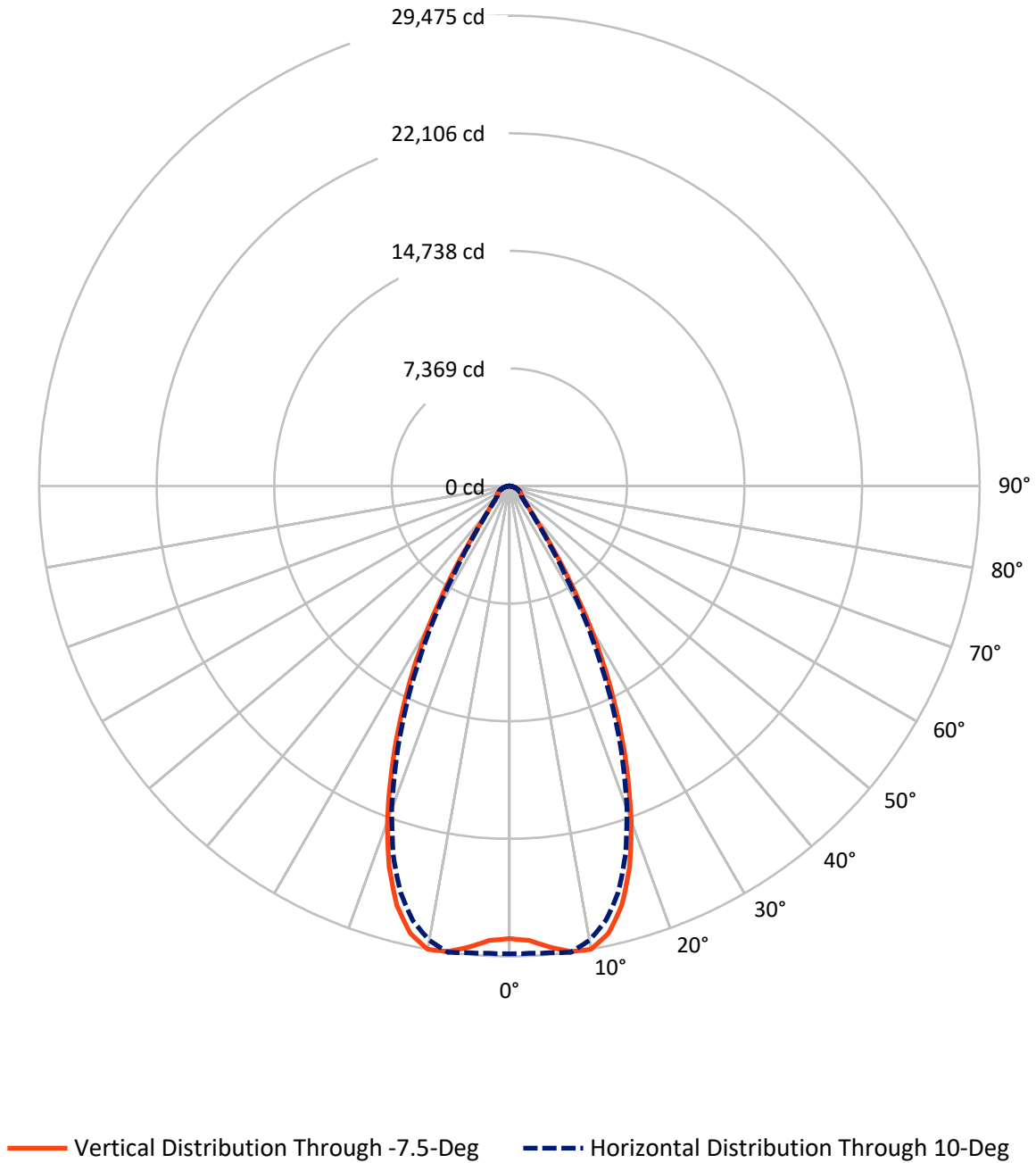
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Lumen Table

90																
80	0.7	5.9		15.7		24.9		27.8		24.9		15.7		5.9		0.7
70																
60	2.7	3.0	6.2	10.0	14.1	17.1	19.3	20.4	20.4	19.3	17.1	14.1	10.0	6.2	3.0	2.7
50		4.5	9.1	14.5	19.3	23.4	26.2	27.3	27.3	26.2	23.4	19.3	14.5	9.1	4.5	
40	4.7	5.8	11.5	17.6	23.5	30.6	38.5	44.2	44.2	38.5	30.6	23.5	17.6	11.5	5.8	4.7
30		6.9	13.3	20.2	31.2	57.0	109.1	161.8	161.8	109.1	57.0	31.2	20.2	13.3	6.9	
20	6.1	7.7	14.5	23.6	51.4	161.0	361.3	504.5	504.5	361.3	161.0	51.4	23.6	14.5	7.7	6.1
10		8.3	15.3	28.0	92.9	343.3	655.6	820.5	820.5	655.6	343.3	92.9	28.0	15.3	8.3	
0	6.6	8.5	15.7	31.5	133.7	469.8	795.4	865.4	865.4	795.4	469.8	133.7	31.5	15.7	8.5	6.6
-10		8.5	15.7	31.5	133.7	469.8	795.4	865.4	865.4	795.4	469.8	133.7	31.5	15.7	8.5	
-20	6.1	8.3	15.3	28.0	92.9	343.3	655.6	820.5	820.5	655.6	343.3	92.9	28.0	15.3	8.3	6.1
-30		7.7	14.5	23.6	51.4	161.0	361.3	504.5	504.5	361.3	161.0	51.4	23.6	14.5	7.7	
-40	4.7	6.9	13.3	20.2	31.2	57.0	109.1	161.8	161.8	109.1	57.0	31.2	20.2	13.3	6.9	4.7
-50		5.8	11.5	17.6	23.5	30.6	38.5	44.2	44.2	38.5	30.6	23.5	17.6	11.5	5.8	
-60	2.7	4.5	9.1	14.5	19.3	23.4	26.2	27.3	27.3	26.2	23.4	19.3	14.5	9.1	4.5	2.7
-70		3.0	6.2	10.0	14.1	17.1	19.3	20.4	20.4	19.3	17.1	14.1	10.0	6.2	3.0	
-80																
-90	0.7	5.9		15.7		24.9		27.8		24.9		15.7		5.9		0.7
-90																
-80																
-70																
-60																
-50																
-40																
-30																
-20																
-10																
0																
10																
20																
30																
40																
50																
60																
70																
80																
90																
Horizontal Angle (degrees)																

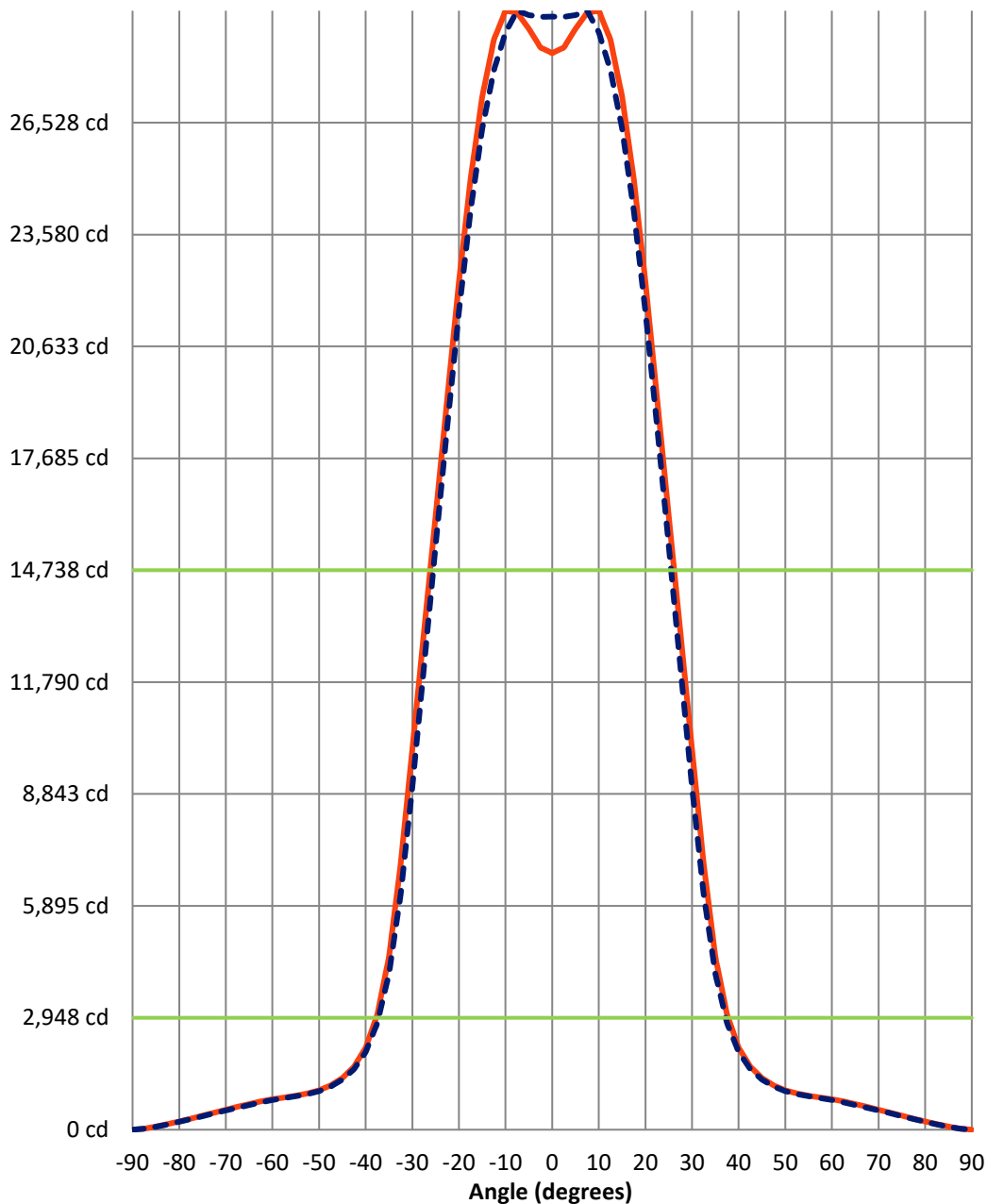
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 16650.8
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 21650.7
 Efficiency: 86.3%

Spill:
 Lumens: 3435.5
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg
 - - Horizontal Distribution through 10-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	2.2	3.4	4.5	5.6	6.7	8.1	9.7	11.4	13.1
85°	0.0	2.2	4.5	6.7	8.9	11.2	13.3	16.3	19.4	22.7	26.1
82.5°	0.0	3.4	6.7	10.1	13.4	16.7	20.0	24.3	29.6	37.3	44.6
80°	0.0	4.5	8.9	13.4	17.8	22.2	27.5	37.9	47.9	57.3	66.1
77.5°	0.0	5.6	11.2	16.7	22.2	30.0	41.9	54.3	66.1	77.2	89.2
75°	0.0	6.7	13.3	20.0	27.5	41.9	56.2	70.6	84.6	100.9	116.8
72.5°	0.0	7.8	15.5	23.2	37.0	53.7	70.3	87.5	106.7	125.7	144.3
70°	0.0	8.8	17.6	27.1	46.3	65.4	84.6	106.7	128.6	150.2	172.8
67.5°	0.0	9.9	19.7	34.0	55.5	76.9	100.7	125.7	150.2	175.4	201.2
65°	0.0	10.9	21.8	40.8	64.5	89.0	116.5	144.3	171.9	200.2	230.1
62.5°	0.0	11.9	23.8	47.5	73.4	101.7	131.9	162.6	193.1	225.0	261.2
60°	0.0	12.9	25.8	54.0	82.1	114.0	146.9	180.5	213.8	252.0	291.5
57.5°	0.0	13.9	29.9	60.3	91.5	126.0	161.9	197.8	236.2	278.2	320.0
55°	0.0	14.8	34.0	66.5	100.7	137.6	176.6	214.9	258.6	303.4	347.4
52.5°	0.0	15.7	37.9	72.5	109.6	149.0	191.0	233.5	280.1	327.4	374.0
50°	0.0	16.6	41.6	78.3	118.2	160.7	205.0	251.8	300.8	350.6	399.8
47.5°	0.0	17.4	45.2	84.0	126.4	172.1	218.8	269.3	320.6	372.9	424.7
45°	0.0	18.2	48.6	89.8	134.2	183.1	233.1	286.0	339.8	394.4	448.7
42.5°	0.0	19.0	51.9	95.4	141.7	193.7	246.7	301.9	358.1	415.0	471.3
40°	0.0	19.8	55.0	100.6	149.3	203.8	259.6	316.9	375.4	434.7	493.1
37.5°	0.0	20.5	57.9	105.4	157.0	213.5	271.7	331.1	392.2	453.7	514.0
35°	0.0	21.1	60.6	110.0	164.3	222.9	283.1	344.3	408.3	471.5	533.5
32.5°	0.0	21.8	63.1	114.2	171.2	231.8	293.7	356.6	423.4	488.0	550.7
30°	0.0	22.3	65.4	118.1	177.6	240.1	303.6	368.2	437.7	503.2	566.7
27.5°	0.0	22.9	67.5	121.8	183.4	247.7	312.6	379.7	450.7	517.1	581.5
25°	0.0	23.4	69.5	125.1	188.6	254.7	320.8	390.2	462.1	529.4	595.0
22.5°	0.0	23.8	71.2	128.0	193.3	260.9	328.1	399.9	472.3	540.3	607.3
20°	0.0	24.2	72.7	130.7	197.5	266.1	334.6	408.6	481.3	550.1	618.2
17.5°	0.0	24.6	74.0	133.0	201.2	270.7	340.5	416.4	489.1	558.6	627.8
15°	0.0	24.9	75.1	134.9	204.3	274.6	345.8	423.3	495.7	565.9	636.0
12.5°	0.0	25.2	76.0	136.5	206.9	277.9	350.3	429.5	501.5	572.0	642.8
10°	0.0	25.4	76.7	137.8	208.9	280.4	354.1	434.5	506.7	577.7	648.6
7.5°	0.0	25.6	77.2	138.7	210.4	282.3	357.1	438.5	510.7	582.2	653.7
5°	0.0	25.7	77.4	139.3	211.3	283.5	359.3	441.3	513.5	585.5	657.4
2.5°	0.0	25.8	77.5	139.5	211.7	283.9	360.7	443.0	515.2	587.4	659.6
0°	0.0	25.8	77.4	139.3	211.5	283.7	361.1	443.6	515.8	588.1	660.3
-2.5°	0.0	25.8	77.5	139.5	211.7	283.9	360.7	443.0	515.2	587.4	659.6
-5°	0.0	25.7	77.4	139.3	211.3	283.5	359.3	441.3	513.5	585.5	657.4
-7.5°	0.0	25.6	77.2	138.7	210.4	282.3	357.1	438.5	510.7	582.2	653.7
-10°	0.0	25.4	76.7	137.8	208.9	280.4	354.1	434.5	506.7	577.7	648.6
-12.5°	0.0	25.2	76.0	136.5	206.9	277.9	350.3	429.5	501.5	572.0	642.8
-15°	0.0	24.9	75.1	134.9	204.3	274.6	345.8	423.3	495.7	565.9	636.0
-17.5°	0.0	24.6	74.0	133.0	201.2	270.7	340.5	416.4	489.1	558.6	627.8
-20°	0.0	24.2	72.7	130.7	197.5	266.1	334.6	408.6	481.3	550.1	618.2

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CATALOG NUMBER: GFLD-SA5B-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	23.8	71.2	128.0	193.3	260.9	328.1	399.9	472.3	540.3	607.3
-25°	0.0	23.4	69.5	125.1	188.6	254.7	320.8	390.2	462.1	529.4	595.0
-27.5°	0.0	22.9	67.5	121.8	183.4	247.7	312.6	379.7	450.7	517.1	581.5
-30°	0.0	22.3	65.4	118.1	177.6	240.1	303.6	368.2	437.7	503.2	566.7
-32.5°	0.0	21.8	63.1	114.2	171.2	231.8	293.7	356.6	423.4	488.0	550.7
-35°	0.0	21.1	60.6	110.0	164.3	222.9	283.1	344.3	408.3	471.5	533.5
-37.5°	0.0	20.5	57.9	105.4	157.0	213.5	271.7	331.1	392.2	453.7	514.0
-40°	0.0	19.8	55.0	100.6	149.3	203.8	259.6	316.9	375.4	434.7	493.1
-42.5°	0.0	19.0	51.9	95.4	141.7	193.7	246.7	301.9	358.1	415.0	471.3
-45°	0.0	18.2	48.6	89.8	134.2	183.1	233.1	286.0	339.8	394.4	448.7
-47.5°	0.0	17.4	45.2	84.0	126.4	172.1	218.8	269.3	320.6	372.9	424.7
-50°	0.0	16.6	41.6	78.3	118.2	160.7	205.0	251.8	300.8	350.6	399.8
-52.5°	0.0	15.7	37.9	72.5	109.6	149.0	191.0	233.5	280.1	327.4	374.0
-55°	0.0	14.8	34.0	66.5	100.7	137.6	176.6	214.9	258.6	303.4	347.4
-57.5°	0.0	13.9	29.9	60.3	91.5	126.0	161.9	197.8	236.2	278.2	320.0
-60°	0.0	12.9	25.8	54.0	82.1	114.0	146.9	180.5	213.8	252.0	291.5
-62.5°	0.0	11.9	23.8	47.5	73.4	101.7	131.9	162.6	193.1	225.0	261.2
-65°	0.0	10.9	21.8	40.8	64.5	89.0	116.5	144.3	171.9	200.2	230.1
-67.5°	0.0	9.9	19.7	34.0	55.5	76.9	100.7	125.7	150.2	175.4	201.2
-70°	0.0	8.8	17.6	27.1	46.3	65.4	84.6	106.7	128.6	150.2	172.8
-72.5°	0.0	7.8	15.5	23.2	37.0	53.7	70.3	87.5	106.7	125.7	144.3
-75°	0.0	6.7	13.3	20.0	27.5	41.9	56.2	70.6	84.6	100.9	116.8
-77.5°	0.0	5.6	11.2	16.7	22.2	30.0	41.9	54.3	66.1	77.2	89.2
-80°	0.0	4.5	8.9	13.4	17.8	22.2	27.5	37.9	47.9	57.3	66.1
-82.5°	0.0	3.4	6.7	10.1	13.4	16.7	20.0	24.3	29.6	37.3	44.6
-85°	0.0	2.2	4.5	6.7	8.9	11.2	13.3	16.3	19.4	22.7	26.1
-87.5°	0.0	1.1	2.2	3.4	4.5	5.6	6.7	8.1	9.7	11.4	13.1
-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°	14.3	15.5	16.7	17.8	18.9	19.9	20.9	21.9	22.9	23.7	24.6
85°	28.6	31.0	35.1	39.3	43.3	47.1	50.9	54.4	57.9	61.1	64.2
82.5°	51.1	57.8	64.6	71.6	77.7	83.5	89.2	95.0	100.9	106.7	112.5
80°	75.2	84.5	95.2	105.3	114.1	122.6	130.7	138.5	147.0	156.1	165.4
77.5°	103.0	116.2	128.7	140.4	151.7	164.0	175.8	187.2	199.1	210.9	222.1
75°	132.7	147.9	163.9	179.6	194.8	209.6	224.0	238.7	253.6	268.3	282.4
72.5°	163.5	182.7	201.5	219.8	238.8	257.2	275.1	292.3	310.0	328.1	345.3
70°	195.4	217.4	240.5	262.9	284.3	305.8	327.6	348.5	369.1	390.0	410.8
67.5°	227.6	255.2	281.3	306.1	331.3	356.6	381.1	406.3	430.5	454.9	478.2
65°	263.1	293.2	321.7	350.2	378.7	408.5	437.5	465.5	493.6	520.9	545.4
62.5°	297.8	329.9	361.5	393.8	427.8	461.2	492.9	525.0	557.8	586.3	611.1
60°	329.8	365.4	400.7	437.5	475.1	511.1	546.6	581.6	616.8	649.6	669.8
57.5°	360.7	400.0	439.2	478.8	518.4	558.5	595.9	634.3	667.0	694.7	718.2
55°	390.8	433.5	475.2	516.8	559.6	601.5	642.1	678.6	710.6	733.6	756.3
52.5°	420.1	465.1	508.1	553.2	598.6	643.1	685.5	719.4	745.6	769.1	790.3
50°	448.5	494.2	539.7	588.5	636.5	683.6	723.5	753.1	779.7	802.7	824.9
47.5°	475.1	522.8	571.4	622.7	673.2	718.7	755.3	786.3	813.6	838.4	864.6
45°	500.7	551.3	602.7	655.7	707.2	751.2	786.5	819.9	845.4	873.4	903.5
42.5°	525.5	578.7	632.6	687.3	739.3	780.4	815.7	846.4	876.3	909.5	945.8
40°	549.2	604.6	660.7	717.7	769.6	806.0	840.6	873.1	909.5	948.9	990.9
37.5°	571.3	628.8	687.2	746.3	791.9	829.4	864.8	901.0	943.3	988.9	1046.1
35°	592.0	651.4	711.7	768.5	811.9	851.7	888.3	928.7	978.0	1037.7	1110.9
32.5°	611.2	672.4	734.4	786.5	830.3	871.6	909.2	959.6	1018.9	1089.9	1193.5
30°	628.9	691.5	753.8	804.2	846.9	888.4	934.2	990.9	1060.3	1163.9	1296.5
27.5°	645.3	708.9	769.0	818.9	861.7	904.4	958.1	1026.8	1118.2	1241.8	1406.7
25°	660.4	725.5	783.5	831.2	875.4	922.9	981.2	1058.4	1178.6	1338.3	1561.1
22.5°	674.0	740.5	797.5	841.8	888.3	939.8	1007.7	1104.4	1242.9	1429.3	1716.7
20°	686.2	751.8	807.9	851.9	900.2	953.7	1031.4	1147.9	1315.0	1556.5	1923.3
17.5°	696.9	761.8	815.7	861.6	911.8	969.5	1054.4	1185.6	1379.1	1667.4	2132.1
15°	706.0	770.3	822.4	869.8	921.9	987.5	1086.4	1234.9	1453.5	1782.7	2314.1
12.5°	713.6	777.2	827.8	876.6	930.2	1002.7	1113.9	1281.5	1530.7	1924.4	2582.3
10°	719.6	782.7	831.9	881.9	936.7	1014.7	1136.1	1319.5	1594.7	2047.1	2811.0
7.5°	725.1	786.8	834.8	885.6	941.3	1023.7	1153.0	1348.8	1643.8	2143.5	2992.1
5°	729.2	789.2	836.4	887.7	945.2	1029.6	1164.5	1369.2	1677.7	2212.4	3119.4
2.5°	731.7	790.0	836.7	888.2	948.1	1032.3	1170.6	1380.4	1704.3	2245.0	3187.9
0°	732.5	789.2	835.7	887.2	949.1	1031.7	1171.0	1382.4	1717.7	2243.9	3198.2
-2.5°	731.7	790.0	836.7	888.2	948.1	1032.3	1170.6	1380.4	1704.3	2245.0	3187.9
-5°	729.2	789.2	836.4	887.7	945.2	1029.6	1164.5	1369.2	1677.7	2212.4	3119.4
-7.5°	725.1	786.8	834.8	885.6	941.3	1023.7	1153.0	1348.8	1643.8	2143.5	2992.1
-10°	719.6	782.7	831.9	881.9	936.7	1014.7	1136.1	1319.5	1594.7	2047.1	2811.0
-12.5°	713.6	777.2	827.8	876.6	930.2	1002.7	1113.9	1281.5	1530.7	1924.4	2582.3
-15°	706.0	770.3	822.4	869.8	921.9	987.5	1086.4	1234.9	1453.5	1782.7	2314.1
-17.5°	696.9	761.8	815.7	861.6	911.8	969.5	1054.4	1185.6	1379.1	1667.4	2132.1
-20°	686.2	751.8	807.9	851.9	900.2	953.7	1031.4	1147.9	1315.0	1556.5	1923.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627587 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	674.0	740.5	797.5	841.8	888.3	939.8	1007.7	1104.4	1242.9	1429.3	1716.7
-25°	660.4	725.5	783.5	831.2	875.4	922.9	981.2	1058.4	1178.6	1338.3	1561.1
-27.5°	645.3	708.9	769.0	818.9	861.7	904.4	958.1	1026.8	1118.2	1241.8	1406.7
-30°	628.9	691.5	753.8	804.2	846.9	888.4	934.2	990.9	1060.3	1163.9	1296.5
-32.5°	611.2	672.4	734.4	786.5	830.3	871.6	909.2	959.6	1018.9	1089.9	1193.5
-35°	592.0	651.4	711.7	768.5	811.9	851.7	888.3	928.7	978.0	1037.7	1110.9
-37.5°	571.3	628.8	687.2	746.3	791.9	829.4	864.8	901.0	943.3	988.9	1046.1
-40°	549.2	604.6	660.7	717.7	769.6	806.0	840.6	873.1	909.5	948.9	990.9
-42.5°	525.5	578.7	632.6	687.3	739.3	780.4	815.7	846.4	876.3	909.5	945.8
-45°	500.7	551.3	602.7	655.7	707.2	751.2	786.5	819.9	845.4	873.4	903.5
-47.5°	475.1	522.8	571.4	622.7	673.2	718.7	755.3	786.3	813.6	838.4	864.6
-50°	448.5	494.2	539.7	588.5	636.5	683.6	723.5	753.1	779.7	802.7	824.9
-52.5°	420.1	465.1	508.1	553.2	598.6	643.1	685.5	719.4	745.6	769.1	790.3
-55°	390.8	433.5	475.2	516.8	559.6	601.5	642.1	678.6	710.6	733.6	756.3
-57.5°	360.7	400.0	439.2	478.8	518.4	558.5	595.9	634.3	667.0	694.7	718.2
-60°	329.8	365.4	400.7	437.5	475.1	511.1	546.6	581.6	616.8	649.6	669.8
-62.5°	297.8	329.9	361.5	393.8	427.8	461.2	492.9	525.0	557.8	586.3	611.1
-65°	263.1	293.2	321.7	350.2	378.7	408.5	437.5	465.5	493.6	520.9	545.4
-67.5°	227.6	255.2	281.3	306.1	331.3	356.6	381.1	406.3	430.5	454.9	478.2
-70°	195.4	217.4	240.5	262.9	284.3	305.8	327.6	348.5	369.1	390.0	410.8
-72.5°	163.5	182.7	201.5	219.8	238.8	257.2	275.1	292.3	310.0	328.1	345.3
-75°	132.7	147.9	163.9	179.6	194.8	209.6	224.0	238.7	253.6	268.3	282.4
-77.5°	103.0	116.2	128.7	140.4	151.7	164.0	175.8	187.2	199.1	210.9	222.1
-80°	75.2	84.5	95.2	105.3	114.1	122.6	130.7	138.5	147.0	156.1	165.4
-82.5°	51.1	57.8	64.6	71.6	77.7	83.5	89.2	95.0	100.9	106.7	112.5
-85°	28.6	31.0	35.1	39.3	43.3	47.1	50.9	54.4	57.9	61.1	64.2
-87.5°	14.3	15.5	16.7	17.8	18.9	19.9	20.9	21.9	22.9	23.7	24.6
-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: P627587 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-U-MWR-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°	25.4	25.1	24.6	24.0	23.4	25.0	26.7	28.3	29.9	29.0	28.0
85°	67.2	68.7	69.9	71.0	71.9	75.1	78.2	81.1	83.8	83.7	83.4
82.5°	118.2	122.0	125.2	128.2	130.7	134.5	137.9	140.8	143.2	145.1	146.6
80°	174.2	180.3	185.6	190.4	194.7	199.6	204.2	208.3	211.9	213.8	215.0
77.5°	233.2	242.2	250.3	258.0	265.2	272.5	279.1	284.9	290.0	291.2	291.0
75°	295.8	307.9	319.3	329.8	339.5	347.9	354.9	360.9	365.7	368.2	369.5
72.5°	361.8	376.7	390.1	402.1	412.5	421.1	428.5	435.0	440.4	443.9	445.9
70°	430.6	448.2	462.0	473.3	482.2	490.7	500.3	509.4	518.0	522.8	524.7
67.5°	499.5	517.8	530.4	540.7	548.9	557.3	569.4	580.2	589.9	596.5	600.6
65°	567.0	586.3	598.9	608.8	616.3	624.7	638.2	649.0	657.2	663.8	669.7
62.5°	633.8	653.1	667.2	678.9	689.8	699.1	710.2	719.3	726.3	732.7	740.0
60°	691.6	714.6	729.3	741.2	754.7	769.2	777.3	784.1	790.0	795.2	799.7
57.5°	738.8	759.3	778.3	792.6	806.5	820.0	829.6	836.0	841.2	845.1	846.6
55°	778.3	799.5	820.6	836.1	849.9	862.5	873.1	881.4	888.3	893.7	895.0
52.5°	813.7	837.5	858.3	876.2	894.4	909.2	920.8	932.1	942.0	949.9	953.3
50°	852.2	877.1	903.0	927.0	946.4	963.3	977.5	993.4	1010.2	1024.1	1032.9
47.5°	892.7	921.5	952.7	982.2	1005.1	1030.3	1053.7	1077.4	1108.7	1135.0	1154.5
45°	935.1	972.0	1007.6	1045.2	1076.8	1124.2	1168.2	1206.0	1256.2	1301.7	1337.9
42.5°	985.1	1031.0	1074.8	1135.0	1198.0	1262.7	1332.6	1392.3	1470.8	1550.7	1615.2
40°	1044.4	1103.0	1180.2	1261.0	1360.4	1449.4	1570.1	1677.7	1798.1	1950.4	2076.2
37.5°	1115.7	1206.1	1313.5	1426.0	1581.0	1729.1	1928.7	2139.0	2329.8	2622.8	2869.2
35°	1208.4	1334.8	1476.1	1675.4	1894.7	2172.3	2483.6	2889.8	3238.1	3732.2	4204.4
32.5°	1327.8	1490.3	1721.2	2028.7	2353.0	2856.8	3350.8	4056.1	4709.1	5492.3	6337.5
30°	1460.7	1708.0	2060.7	2482.6	3087.4	3828.6	4699.4	5782.7	6968.2	8068.9	9153.6
27.5°	1653.3	2007.6	2471.0	3151.7	4094.4	5131.3	6657.1	8127.5	9661.7	11025.4	12162.8
25°	1878.2	2346.4	3062.9	4065.2	5340.1	7115.8	8942.2	10757.0	12406.9	13834.6	15091.3
22.5°	2168.5	2841.9	3797.2	5095.4	7080.7	9209.0	11350.7	13352.4	15112.4	16702.2	18062.6
20°	2484.4	3327.0	4691.2	6627.1	8897.4	11322.1	13740.3	15872.6	17810.5	19613.1	21146.3
17.5°	2884.7	4064.8	5792.3	8114.6	10739.4	13396.1	15936.5	18250.5	20449.0	22356.5	23958.4
15°	3225.9	4714.5	6969.1	9692.7	12531.9	15334.3	18016.3	20529.8	22815.5	24772.7	26278.6
12.5°	3680.9	5442.6	8014.0	11049.4	14126.1	17074.8	19899.8	22497.6	24823.8	26759.4	27931.8
10°	4111.0	6196.5	9023.9	12189.4	15385.8	18527.5	21543.9	24208.2	26368.0	27907.7	28906.8
7.5°	4476.7	6844.4	9845.4	13110.8	16386.7	19671.4	22724.7	25317.1	27308.4	28594.3	29289.8
5°	4749.8	7328.7	10455.1	13859.6	17221.1	20563.4	23593.0	26026.5	27747.6	28702.9	29052.1
2.5°	4923.8	7613.1	10809.0	14350.9	17779.5	21127.9	24188.5	26583.9	28044.1	28677.3	28737.5
0°	4993.3	7649.9	10863.6	14608.6	17920.2	21288.7	24357.9	26813.3	28154.5	28675.5	28665.2
-2.5°	4923.8	7613.1	10809.0	14350.9	17779.5	21127.9	24188.5	26583.9	28044.1	28677.3	28737.5
-5°	4749.8	7328.7	10455.1	13859.6	17221.1	20563.4	23593.0	26026.5	27747.6	28702.9	29052.1
-7.5°	4476.7	6844.4	9845.4	13110.8	16386.7	19671.4	22724.7	25317.1	27308.4	28594.3	29289.8
-10°	4111.0	6196.5	9023.9	12189.4	15385.8	18527.5	21543.9	24208.2	26368.0	27907.7	28906.8
-12.5°	3680.9	5442.6	8014.0	11049.4	14126.1	17074.8	19899.8	22497.6	24823.8	26759.4	27931.8
-15°	3225.9	4714.5	6969.1	9692.7	12531.9	15334.3	18016.3	20529.8	22815.5	24772.7	26278.6
-17.5°	2884.7	4064.8	5792.3	8114.6	10739.4	13396.1	15936.5	18250.5	20449.0	22356.5	23958.4
-20°	2484.4	3327.0	4691.2	6627.1	8897.4	11322.1	13740.3	15872.6	17810.5	19613.1	21146.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627587 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2168.5	2841.9	3797.2	5095.4	7080.7	9209.0	11350.7	13352.4	15112.4	16702.2	18062.6
-25°	1878.2	2346.4	3062.9	4065.2	5340.1	7115.8	8942.2	10757.0	12406.9	13834.6	15091.3
-27.5°	1653.3	2007.6	2471.0	3151.7	4094.4	5131.3	6657.1	8127.5	9661.7	11025.4	12162.8
-30°	1460.7	1708.0	2060.7	2482.6	3087.4	3828.6	4699.4	5782.7	6968.2	8068.9	9153.6
-32.5°	1327.8	1490.3	1721.2	2028.7	2353.0	2856.8	3350.8	4056.1	4709.1	5492.3	6337.5
-35°	1208.4	1334.8	1476.1	1675.4	1894.7	2172.3	2483.6	2889.8	3238.1	3732.2	4204.4
-37.5°	1115.7	1206.1	1313.5	1426.0	1581.0	1729.1	1928.7	2139.0	2329.8	2622.8	2869.2
-40°	1044.4	1103.0	1180.2	1261.0	1360.4	1449.4	1570.1	1677.7	1798.1	1950.4	2076.2
-42.5°	985.1	1031.0	1074.8	1135.0	1198.0	1262.7	1332.6	1392.3	1470.8	1550.7	1615.2
-45°	935.1	972.0	1007.6	1045.2	1076.8	1124.2	1168.2	1206.0	1256.2	1301.7	1337.9
-47.5°	892.7	921.5	952.7	982.2	1005.1	1030.3	1053.7	1077.4	1108.7	1135.0	1154.5
-50°	852.2	877.1	903.0	927.0	946.4	963.3	977.5	993.4	1010.2	1024.1	1032.9
-52.5°	813.7	837.5	858.3	876.2	894.4	909.2	920.8	932.1	942.0	949.9	953.3
-55°	778.3	799.5	820.6	836.1	849.9	862.5	873.1	881.4	888.3	893.7	895.0
-57.5°	738.8	759.3	778.3	792.6	806.5	820.0	829.6	836.0	841.2	845.1	846.6
-60°	691.6	714.6	729.3	741.2	754.7	769.2	777.3	784.1	790.0	795.2	799.7
-62.5°	633.8	653.1	667.2	678.9	689.8	699.1	710.2	719.3	726.3	732.7	740.0
-65°	567.0	586.3	598.9	608.8	616.3	624.7	638.2	649.0	657.2	663.8	669.7
-67.5°	499.5	517.8	530.4	540.7	548.9	557.3	569.4	580.2	589.9	596.5	600.6
-70°	430.6	448.2	462.0	473.3	482.2	490.7	500.3	509.4	518.0	522.8	524.7
-72.5°	361.8	376.7	390.1	402.1	412.5	421.1	428.5	435.0	440.4	443.9	445.9
-75°	295.8	307.9	319.3	329.8	339.5	347.9	354.9	360.9	365.7	368.2	369.5
-77.5°	233.2	242.2	250.3	258.0	265.2	272.5	279.1	284.9	290.0	291.2	291.0
-80°	174.2	180.3	185.6	190.4	194.7	199.6	204.2	208.3	211.9	213.8	215.0
-82.5°	118.2	122.0	125.2	128.2	130.7	134.5	137.9	140.8	143.2	145.1	146.6
-85°	67.2	68.7	69.9	71.0	71.9	75.1	78.2	81.1	83.8	83.7	83.4
-87.5°	25.4	25.1	24.6	24.0	23.4	25.0	26.7	28.3	29.9	29.0	28.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627587 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-U-MWR-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°	26.9	25.7	25.8	25.8	25.8	25.7	26.9	28.0	29.0	29.9	28.3
85°	82.8	82.1	79.9	77.4	79.9	82.1	82.8	83.4	83.7	83.8	81.1
82.5°	147.9	148.8	146.8	144.4	146.8	148.8	147.9	146.6	145.1	143.2	140.8
80°	215.7	215.7	213.9	211.5	213.9	215.7	215.7	215.0	213.8	211.9	208.3
77.5°	289.8	287.7	288.5	288.9	288.5	287.7	289.8	291.0	291.2	290.0	284.9
75°	370.0	369.7	368.4	366.2	368.4	369.7	370.0	369.5	368.2	365.7	360.9
72.5°	447.0	446.9	445.8	443.6	445.8	446.9	447.0	445.9	443.9	440.4	435.0
70°	525.2	524.2	525.6	526.2	525.6	524.2	525.2	524.7	522.8	518.0	509.4
67.5°	603.9	605.9	605.6	603.5	605.6	605.9	603.9	600.6	596.5	589.9	580.2
65°	674.5	678.0	680.1	680.9	680.1	678.0	674.5	669.7	663.8	657.2	649.0
62.5°	745.7	749.8	750.1	748.0	750.1	749.8	745.7	740.0	732.7	726.3	719.3
60°	802.2	802.9	801.9	799.5	801.9	802.9	802.2	799.7	795.2	790.0	784.1
57.5°	846.6	845.1	843.3	840.8	843.3	845.1	846.6	846.6	845.1	841.2	836.0
55°	894.3	891.8	889.7	887.2	889.7	891.8	894.3	895.0	893.7	888.3	881.4
52.5°	954.1	952.8	951.3	949.1	951.3	952.8	954.1	953.3	949.9	942.0	932.1
50°	1037.4	1038.7	1038.6	1036.8	1038.6	1038.7	1037.4	1032.9	1024.1	1010.2	993.4
47.5°	1166.9	1173.8	1178.5	1181.3	1178.5	1173.8	1166.9	1154.5	1135.0	1108.7	1077.4
45°	1361.1	1374.8	1384.6	1392.8	1384.6	1374.8	1361.1	1337.9	1301.7	1256.2	1206.0
42.5°	1660.6	1691.4	1706.0	1702.3	1706.0	1691.4	1660.6	1615.2	1550.7	1470.8	1392.3
40°	2160.1	2209.9	2237.4	2259.4	2237.4	2209.9	2160.1	2076.2	1950.4	1798.1	1677.7
37.5°	3037.4	3134.0	3184.9	3229.1	3184.9	3134.0	3037.4	2869.2	2622.8	2329.8	2139.0
35°	4557.2	4774.5	4890.9	4931.4	4890.9	4774.5	4557.2	4204.4	3732.2	3238.1	2889.8
32.5°	6995.2	7396.1	7617.8	7789.2	7617.8	7396.1	6995.2	6337.5	5492.3	4709.1	4056.1
30°	10012.4	10540.5	10833.8	10977.0	10833.8	10540.5	10012.4	9153.6	8068.9	6968.2	5782.7
27.5°	13105.5	13705.9	14022.1	14005.0	14022.1	13705.9	13105.5	12162.8	11025.4	9661.7	8127.5
25°	16168.7	16864.1	17179.1	17461.1	17179.1	16864.1	16168.7	15091.3	13834.6	12406.9	10757.0
22.5°	19266.7	20079.8	20523.5	20731.6	20523.5	20079.8	19266.7	18062.6	16702.2	15112.4	13352.4
20°	22327.8	23233.0	23704.1	23909.1	23704.1	23233.0	22327.8	21146.3	19613.1	17810.5	15872.6
17.5°	25042.8	25926.4	26375.4	26565.7	26375.4	25926.4	25042.8	23958.4	22356.5	20449.0	18250.5
15°	27210.6	27862.4	28244.2	28345.3	28244.2	27862.4	27210.6	26278.6	24772.7	22815.5	20529.8
12.5°	28709.2	28961.7	29145.2	29201.6	29145.2	28961.7	28709.2	27931.8	26759.4	24823.8	22497.6
10°	29475.2	29361.4	29314.3	29320.3	29314.3	29361.4	29475.2	28906.8	27907.7	26368.0	24208.2
7.5°	29422.6	29253.9	28915.1	28861.2	28915.1	29253.9	29422.6	29289.8	28594.3	27308.4	25317.1
5°	28999.8	28692.7	28130.4	27968.8	28130.4	28692.7	28999.8	29052.1	28702.9	27747.6	26026.5
2.5°	28507.2	27953.6	27435.5	27102.2	27435.5	27953.6	28507.2	28737.5	28677.3	28044.1	26583.9
0°	28360.8	27721.2	27050.6	26833.9	27050.6	27721.2	28360.8	28665.2	28675.5	28154.5	26813.3
-2.5°	28507.2	27953.6	27435.5	27102.2	27435.5	27953.6	28507.2	28737.5	28677.3	28044.1	26583.9
-5°	28999.8	28692.7	28130.4	27968.8	28130.4	28692.7	28999.8	29052.1	28702.9	27747.6	26026.5
-7.5°	29422.6	29253.9	28915.1	28861.2	28915.1	29253.9	29422.6	29289.8	28594.3	27308.4	25317.1
-10°	29475.2	29361.4	29314.3	29320.3	29314.3	29361.4	29475.2	28906.8	27907.7	26368.0	24208.2
-12.5°	28709.2	28961.7	29145.2	29201.6	29145.2	28961.7	28709.2	27931.8	26759.4	24823.8	22497.6
-15°	27210.6	27862.4	28244.2	28345.3	28244.2	27862.4	27210.6	26278.6	24772.7	22815.5	20529.8
-17.5°	25042.8	25926.4	26375.4	26565.7	26375.4	25926.4	25042.8	23958.4	22356.5	20449.0	18250.5
-20°	22327.8	23233.0	23704.1	23909.1	23704.1	23233.0	22327.8	21146.3	19613.1	17810.5	15872.6



REPORT NUMBER: P627587 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	19266.7	20079.8	20523.5	20731.6	20523.5	20079.8	19266.7	18062.6	16702.2	15112.4	13352.4
-25°	16168.7	16864.1	17179.1	17461.1	17179.1	16864.1	16168.7	15091.3	13834.6	12406.9	10757.0
-27.5°	13105.5	13705.9	14022.1	14005.0	14022.1	13705.9	13105.5	12162.8	11025.4	9661.7	8127.5
-30°	10012.4	10540.5	10833.8	10977.0	10833.8	10540.5	10012.4	9153.6	8068.9	6968.2	5782.7
-32.5°	6995.2	7396.1	7617.8	7789.2	7617.8	7396.1	6995.2	6337.5	5492.3	4709.1	4056.1
-35°	4557.2	4774.5	4890.9	4931.4	4890.9	4774.5	4557.2	4204.4	3732.2	3238.1	2889.8
-37.5°	3037.4	3134.0	3184.9	3229.1	3184.9	3134.0	3037.4	2869.2	2622.8	2329.8	2139.0
-40°	2160.1	2209.9	2237.4	2259.4	2237.4	2209.9	2160.1	2076.2	1950.4	1798.1	1677.7
-42.5°	1660.6	1691.4	1706.0	1702.3	1706.0	1691.4	1660.6	1615.2	1550.7	1470.8	1392.3
-45°	1361.1	1374.8	1384.6	1392.8	1384.6	1374.8	1361.1	1337.9	1301.7	1256.2	1206.0
-47.5°	1166.9	1173.8	1178.5	1181.3	1178.5	1173.8	1166.9	1154.5	1135.0	1108.7	1077.4
-50°	1037.4	1038.7	1038.6	1036.8	1038.6	1038.7	1037.4	1032.9	1024.1	1010.2	993.4
-52.5°	954.1	952.8	951.3	949.1	951.3	952.8	954.1	953.3	949.9	942.0	932.1
-55°	894.3	891.8	889.7	887.2	889.7	891.8	894.3	895.0	893.7	888.3	881.4
-57.5°	846.6	845.1	843.3	840.8	843.3	845.1	846.6	846.6	845.1	841.2	836.0
-60°	802.2	802.9	801.9	799.5	801.9	802.9	802.2	799.7	795.2	790.0	784.1
-62.5°	745.7	749.8	750.1	748.0	750.1	749.8	745.7	740.0	732.7	726.3	719.3
-65°	674.5	678.0	680.1	680.9	680.1	678.0	674.5	669.7	663.8	657.2	649.0
-67.5°	603.9	605.9	605.6	603.5	605.6	605.9	603.9	600.6	596.5	589.9	580.2
-70°	525.2	524.2	525.6	526.2	525.6	524.2	525.2	524.7	522.8	518.0	509.4
-72.5°	447.0	446.9	445.8	443.6	445.8	446.9	447.0	445.9	443.9	440.4	435.0
-75°	370.0	369.7	368.4	366.2	368.4	369.7	370.0	369.5	368.2	365.7	360.9
-77.5°	289.8	287.7	288.5	288.9	288.5	287.7	289.8	291.0	291.2	290.0	284.9
-80°	215.7	215.7	213.9	211.5	213.9	215.7	215.7	215.0	213.8	211.9	208.3
-82.5°	147.9	148.8	146.8	144.4	146.8	148.8	147.9	146.6	145.1	143.2	140.8
-85°	82.8	82.1	79.9	77.4	79.9	82.1	82.8	83.4	83.7	83.8	81.1
-87.5°	26.9	25.7	25.8	25.8	25.8	25.7	26.9	28.0	29.0	29.9	28.3
-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: P627587 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-U-MWR-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°	26.7	25.0	23.4	24.0	24.6	25.1	25.4	24.6	23.7	22.9	21.9
85°	78.2	75.1	71.9	71.0	69.9	68.7	67.2	64.2	61.1	57.9	54.4
82.5°	137.9	134.5	130.7	128.2	125.2	122.0	118.2	112.5	106.7	100.9	95.0
80°	204.2	199.6	194.7	190.4	185.6	180.3	174.2	165.4	156.1	147.0	138.5
77.5°	279.1	272.5	265.2	258.0	250.3	242.2	233.2	222.1	210.9	199.1	187.2
75°	354.9	347.9	339.5	329.8	319.3	307.9	295.8	282.4	268.3	253.6	238.7
72.5°	428.5	421.1	412.5	402.1	390.1	376.7	361.8	345.3	328.1	310.0	292.3
70°	500.3	490.7	482.2	473.3	462.0	448.2	430.6	410.8	390.0	369.1	348.5
67.5°	569.4	557.3	548.9	540.7	530.4	517.8	499.5	478.2	454.9	430.5	406.3
65°	638.2	624.7	616.3	608.8	598.9	586.3	567.0	545.4	520.9	493.6	465.5
62.5°	710.2	699.1	689.8	678.9	667.2	653.1	633.8	611.1	586.3	557.8	525.0
60°	777.3	769.2	754.7	741.2	729.3	714.6	691.6	669.8	649.6	616.8	581.6
57.5°	829.6	820.0	806.5	792.6	778.3	759.3	738.8	718.2	694.7	667.0	634.3
55°	873.1	862.5	849.9	836.1	820.6	799.5	778.3	756.3	733.6	710.6	678.6
52.5°	920.8	909.2	894.4	876.2	858.3	837.5	813.7	790.3	769.1	745.6	719.4
50°	977.5	963.3	946.4	927.0	903.0	877.1	852.2	824.9	802.7	779.7	753.1
47.5°	1053.7	1030.3	1005.1	982.2	952.7	921.5	892.7	864.6	838.4	813.6	786.3
45°	1168.2	1124.2	1076.8	1045.2	1007.6	972.0	935.1	903.5	873.4	845.4	819.9
42.5°	1332.6	1262.7	1198.0	1135.0	1074.8	1031.0	985.1	945.8	909.5	876.3	846.4
40°	1570.1	1449.4	1360.4	1261.0	1180.2	1103.0	1044.4	990.9	948.9	909.5	873.1
37.5°	1928.7	1729.1	1581.0	1426.0	1313.5	1206.1	1115.7	1046.1	988.9	943.3	901.0
35°	2483.6	2172.3	1894.7	1675.4	1476.1	1334.8	1208.4	1110.9	1037.7	978.0	928.7
32.5°	3350.8	2856.8	2353.0	2028.7	1721.2	1490.3	1327.8	1193.5	1089.9	1018.9	959.6
30°	4699.4	3828.6	3087.4	2482.6	2060.7	1708.0	1460.7	1296.5	1163.9	1060.3	990.9
27.5°	6657.1	5131.3	4094.4	3151.7	2471.0	2007.6	1653.3	1406.7	1241.8	1118.2	1026.8
25°	8942.2	7115.8	5340.1	4065.2	3062.9	2346.4	1878.2	1561.1	1338.3	1178.6	1058.4
22.5°	11350.7	9209.0	7080.7	5095.4	3797.2	2841.9	2168.5	1716.7	1429.3	1242.9	1104.4
20°	13740.3	11322.1	8897.4	6627.1	4691.2	3327.0	2484.4	1923.3	1556.5	1315.0	1147.9
17.5°	15936.5	13396.1	10739.4	8114.6	5792.3	4064.8	2884.7	2132.1	1667.4	1379.1	1185.6
15°	18016.3	15334.3	12531.9	9692.7	6969.1	4714.5	3225.9	2314.1	1782.7	1453.5	1234.9
12.5°	19899.8	17074.8	14126.1	11049.4	8014.0	5442.6	3680.9	2582.3	1924.4	1530.7	1281.5
10°	21543.9	18527.5	15385.8	12189.4	9023.9	6196.5	4111.0	2811.0	2047.1	1594.7	1319.5
7.5°	22724.7	19671.4	16386.7	13110.8	9845.4	6844.4	4476.7	2992.1	2143.5	1643.8	1348.8
5°	23593.0	20563.4	17221.1	13859.6	10455.1	7328.7	4749.8	3119.4	2212.4	1677.7	1369.2
2.5°	24188.5	21127.9	17779.5	14350.9	10809.0	7613.1	4923.8	3187.9	2245.0	1704.3	1380.4
0°	24357.9	21288.7	17920.2	14608.6	10863.6	7649.9	4993.3	3198.2	2243.9	1717.7	1382.4
-2.5°	24188.5	21127.9	17779.5	14350.9	10809.0	7613.1	4923.8	3187.9	2245.0	1704.3	1380.4
-5°	23593.0	20563.4	17221.1	13859.6	10455.1	7328.7	4749.8	3119.4	2212.4	1677.7	1369.2
-7.5°	22724.7	19671.4	16386.7	13110.8	9845.4	6844.4	4476.7	2992.1	2143.5	1643.8	1348.8
-10°	21543.9	18527.5	15385.8	12189.4	9023.9	6196.5	4111.0	2811.0	2047.1	1594.7	1319.5
-12.5°	19899.8	17074.8	14126.1	11049.4	8014.0	5442.6	3680.9	2582.3	1924.4	1530.7	1281.5
-15°	18016.3	15334.3	12531.9	9692.7	6969.1	4714.5	3225.9	2314.1	1782.7	1453.5	1234.9
-17.5°	15936.5	13396.1	10739.4	8114.6	5792.3	4064.8	2884.7	2132.1	1667.4	1379.1	1185.6
-20°	13740.3	11322.1	8897.4	6627.1	4691.2	3327.0	2484.4	1923.3	1556.5	1315.0	1147.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627587 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	11350.7	9209.0	7080.7	5095.4	3797.2	2841.9	2168.5	1716.7	1429.3	1242.9	1104.4
-25°	8942.2	7115.8	5340.1	4065.2	3062.9	2346.4	1878.2	1561.1	1338.3	1178.6	1058.4
-27.5°	6657.1	5131.3	4094.4	3151.7	2471.0	2007.6	1653.3	1406.7	1241.8	1118.2	1026.8
-30°	4699.4	3828.6	3087.4	2482.6	2060.7	1708.0	1460.7	1296.5	1163.9	1060.3	990.9
-32.5°	3350.8	2856.8	2353.0	2028.7	1721.2	1490.3	1327.8	1193.5	1089.9	1018.9	959.6
-35°	2483.6	2172.3	1894.7	1675.4	1476.1	1334.8	1208.4	1110.9	1037.7	978.0	928.7
-37.5°	1928.7	1729.1	1581.0	1426.0	1313.5	1206.1	1115.7	1046.1	988.9	943.3	901.0
-40°	1570.1	1449.4	1360.4	1261.0	1180.2	1103.0	1044.4	990.9	948.9	909.5	873.1
-42.5°	1332.6	1262.7	1198.0	1135.0	1074.8	1031.0	985.1	945.8	909.5	876.3	846.4
-45°	1168.2	1124.2	1076.8	1045.2	1007.6	972.0	935.1	903.5	873.4	845.4	819.9
-47.5°	1053.7	1030.3	1005.1	982.2	952.7	921.5	892.7	864.6	838.4	813.6	786.3
-50°	977.5	963.3	946.4	927.0	903.0	877.1	852.2	824.9	802.7	779.7	753.1
-52.5°	920.8	909.2	894.4	876.2	858.3	837.5	813.7	790.3	769.1	745.6	719.4
-55°	873.1	862.5	849.9	836.1	820.6	799.5	778.3	756.3	733.6	710.6	678.6
-57.5°	829.6	820.0	806.5	792.6	778.3	759.3	738.8	718.2	694.7	667.0	634.3
-60°	777.3	769.2	754.7	741.2	729.3	714.6	691.6	669.8	649.6	616.8	581.6
-62.5°	710.2	699.1	689.8	678.9	667.2	653.1	633.8	611.1	586.3	557.8	525.0
-65°	638.2	624.7	616.3	608.8	598.9	586.3	567.0	545.4	520.9	493.6	465.5
-67.5°	569.4	557.3	548.9	540.7	530.4	517.8	499.5	478.2	454.9	430.5	406.3
-70°	500.3	490.7	482.2	473.3	462.0	448.2	430.6	410.8	390.0	369.1	348.5
-72.5°	428.5	421.1	412.5	402.1	390.1	376.7	361.8	345.3	328.1	310.0	292.3
-75°	354.9	347.9	339.5	329.8	319.3	307.9	295.8	282.4	268.3	253.6	238.7
-77.5°	279.1	272.5	265.2	258.0	250.3	242.2	233.2	222.1	210.9	199.1	187.2
-80°	204.2	199.6	194.7	190.4	185.6	180.3	174.2	165.4	156.1	147.0	138.5
-82.5°	137.9	134.5	130.7	128.2	125.2	122.0	118.2	112.5	106.7	100.9	95.0
-85°	78.2	75.1	71.9	71.0	69.9	68.7	67.2	64.2	61.1	57.9	54.4
-87.5°	26.7	25.0	23.4	24.0	24.6	25.1	25.4	24.6	23.7	22.9	21.9
-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: P627587 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-U-MWR-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°	20.9	19.9	18.9	17.8	16.7	15.5	14.3	13.1	11.4	9.7	8.1
85°	50.9	47.1	43.3	39.3	35.1	31.0	28.6	26.1	22.7	19.4	16.3
82.5°	89.2	83.5	77.7	71.6	64.6	57.8	51.1	44.6	37.3	29.6	24.3
80°	130.7	122.6	114.1	105.3	95.2	84.5	75.2	66.1	57.3	47.9	37.9
77.5°	175.8	164.0	151.7	140.4	128.7	116.2	103.0	89.2	77.2	66.1	54.3
75°	224.0	209.6	194.8	179.6	163.9	147.9	132.7	116.8	100.9	84.6	70.6
72.5°	275.1	257.2	238.8	219.8	201.5	182.7	163.5	144.3	125.7	106.7	87.5
70°	327.6	305.8	284.3	262.9	240.5	217.4	195.4	172.8	150.2	128.6	106.7
67.5°	381.1	356.6	331.3	306.1	281.3	255.2	227.6	201.2	175.4	150.2	125.7
65°	437.5	408.5	378.7	350.2	321.7	293.2	263.1	230.1	200.2	171.9	144.3
62.5°	492.9	461.2	427.8	393.8	361.5	329.9	297.8	261.2	225.0	193.1	162.6
60°	546.6	511.1	475.1	437.5	400.7	365.4	329.8	291.5	252.0	213.8	180.5
57.5°	595.9	558.5	518.4	478.8	439.2	400.0	360.7	320.0	278.2	236.2	197.8
55°	642.1	601.5	559.6	516.8	475.2	433.5	390.8	347.4	303.4	258.6	214.9
52.5°	685.5	643.1	598.6	553.2	508.1	465.1	420.1	374.0	327.4	280.1	233.5
50°	723.5	683.6	636.5	588.5	539.7	494.2	448.5	399.8	350.6	300.8	251.8
47.5°	755.3	718.7	673.2	622.7	571.4	522.8	475.1	424.7	372.9	320.6	269.3
45°	786.5	751.2	707.2	655.7	602.7	551.3	500.7	448.7	394.4	339.8	286.0
42.5°	815.7	780.4	739.3	687.3	632.6	578.7	525.5	471.3	415.0	358.1	301.9
40°	840.6	806.0	769.6	717.7	660.7	604.6	549.2	493.1	434.7	375.4	316.9
37.5°	864.8	829.4	791.9	746.3	687.2	628.8	571.3	514.0	453.7	392.2	331.1
35°	888.3	851.7	811.9	768.5	711.7	651.4	592.0	533.5	471.5	408.3	344.3
32.5°	909.2	871.6	830.3	786.5	734.4	672.4	611.2	550.7	488.0	423.4	356.6
30°	934.2	888.4	846.9	804.2	753.8	691.5	628.9	566.7	503.2	437.7	368.2
27.5°	958.1	904.4	861.7	818.9	769.0	708.9	645.3	581.5	517.1	450.7	379.7
25°	981.2	922.9	875.4	831.2	783.5	725.5	660.4	595.0	529.4	462.1	390.2
22.5°	1007.7	939.8	888.3	841.8	797.5	740.5	674.0	607.3	540.3	472.3	399.9
20°	1031.4	953.7	900.2	851.9	807.9	751.8	686.2	618.2	550.1	481.3	408.6
17.5°	1054.4	969.5	911.8	861.6	815.7	761.8	696.9	627.8	558.6	489.1	416.4
15°	1086.4	987.5	921.9	869.8	822.4	770.3	706.0	636.0	565.9	495.7	423.3
12.5°	1113.9	1002.7	930.2	876.6	827.8	777.2	713.6	642.8	572.0	501.5	429.5
10°	1136.1	1014.7	936.7	881.9	831.9	782.7	719.6	648.6	577.7	506.7	434.5
7.5°	1153.0	1023.7	941.3	885.6	834.8	786.8	725.1	653.7	582.2	510.7	438.5
5°	1164.5	1029.6	945.2	887.7	836.4	789.2	729.2	657.4	585.5	513.5	441.3
2.5°	1170.6	1032.3	948.1	888.2	836.7	790.0	731.7	659.6	587.4	515.2	443.0
0°	1171.0	1031.7	949.1	887.2	835.7	789.2	732.5	660.3	588.1	515.8	443.6
-2.5°	1170.6	1032.3	948.1	888.2	836.7	790.0	731.7	659.6	587.4	515.2	443.0
-5°	1164.5	1029.6	945.2	887.7	836.4	789.2	729.2	657.4	585.5	513.5	441.3
-7.5°	1153.0	1023.7	941.3	885.6	834.8	786.8	725.1	653.7	582.2	510.7	438.5
-10°	1136.1	1014.7	936.7	881.9	831.9	782.7	719.6	648.6	577.7	506.7	434.5
-12.5°	1113.9	1002.7	930.2	876.6	827.8	777.2	713.6	642.8	572.0	501.5	429.5
-15°	1086.4	987.5	921.9	869.8	822.4	770.3	706.0	636.0	565.9	495.7	423.3
-17.5°	1054.4	969.5	911.8	861.6	815.7	761.8	696.9	627.8	558.6	489.1	416.4
-20°	1031.4	953.7	900.2	851.9	807.9	751.8	686.2	618.2	550.1	481.3	408.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627587 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1007.7	939.8	888.3	841.8	797.5	740.5	674.0	607.3	540.3	472.3	399.9
-25°	981.2	922.9	875.4	831.2	783.5	725.5	660.4	595.0	529.4	462.1	390.2
-27.5°	958.1	904.4	861.7	818.9	769.0	708.9	645.3	581.5	517.1	450.7	379.7
-30°	934.2	888.4	846.9	804.2	753.8	691.5	628.9	566.7	503.2	437.7	368.2
-32.5°	909.2	871.6	830.3	786.5	734.4	672.4	611.2	550.7	488.0	423.4	356.6
-35°	888.3	851.7	811.9	768.5	711.7	651.4	592.0	533.5	471.5	408.3	344.3
-37.5°	864.8	829.4	791.9	746.3	687.2	628.8	571.3	514.0	453.7	392.2	331.1
-40°	840.6	806.0	769.6	717.7	660.7	604.6	549.2	493.1	434.7	375.4	316.9
-42.5°	815.7	780.4	739.3	687.3	632.6	578.7	525.5	471.3	415.0	358.1	301.9
-45°	786.5	751.2	707.2	655.7	602.7	551.3	500.7	448.7	394.4	339.8	286.0
-47.5°	755.3	718.7	673.2	622.7	571.4	522.8	475.1	424.7	372.9	320.6	269.3
-50°	723.5	683.6	636.5	588.5	539.7	494.2	448.5	399.8	350.6	300.8	251.8
-52.5°	685.5	643.1	598.6	553.2	508.1	465.1	420.1	374.0	327.4	280.1	233.5
-55°	642.1	601.5	559.6	516.8	475.2	433.5	390.8	347.4	303.4	258.6	214.9
-57.5°	595.9	558.5	518.4	478.8	439.2	400.0	360.7	320.0	278.2	236.2	197.8
-60°	546.6	511.1	475.1	437.5	400.7	365.4	329.8	291.5	252.0	213.8	180.5
-62.5°	492.9	461.2	427.8	393.8	361.5	329.9	297.8	261.2	225.0	193.1	162.6
-65°	437.5	408.5	378.7	350.2	321.7	293.2	263.1	230.1	200.2	171.9	144.3
-67.5°	381.1	356.6	331.3	306.1	281.3	255.2	227.6	201.2	175.4	150.2	125.7
-70°	327.6	305.8	284.3	262.9	240.5	217.4	195.4	172.8	150.2	128.6	106.7
-72.5°	275.1	257.2	238.8	219.8	201.5	182.7	163.5	144.3	125.7	106.7	87.5
-75°	224.0	209.6	194.8	179.6	163.9	147.9	132.7	116.8	100.9	84.6	70.6
-77.5°	175.8	164.0	151.7	140.4	128.7	116.2	103.0	89.2	77.2	66.1	54.3
-80°	130.7	122.6	114.1	105.3	95.2	84.5	75.2	66.1	57.3	47.9	37.9
-82.5°	89.2	83.5	77.7	71.6	64.6	57.8	51.1	44.6	37.3	29.6	24.3
-85°	50.9	47.1	43.3	39.3	35.1	31.0	28.6	26.1	22.7	19.4	16.3
-87.5°	20.9	19.9	18.9	17.8	16.7	15.5	14.3	13.1	11.4	9.7	8.1
-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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REPORT NUMBER: P627587 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-U-MWR-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°	6.7	5.6	4.5	3.4	2.2	1.1	0.0
85°	13.3	11.2	8.9	6.7	4.5	2.2	0.0
82.5°	20.0	16.7	13.4	10.1	6.7	3.4	0.0
80°	27.5	22.2	17.8	13.4	8.9	4.5	0.0
77.5°	41.9	30.0	22.2	16.7	11.2	5.6	0.0
75°	56.2	41.9	27.5	20.0	13.3	6.7	0.0
72.5°	70.3	53.7	37.0	23.2	15.5	7.8	0.0
70°	84.6	65.4	46.3	27.1	17.6	8.8	0.0
67.5°	100.7	76.9	55.5	34.0	19.7	9.9	0.0
65°	116.5	89.0	64.5	40.8	21.8	10.9	0.0
62.5°	131.9	101.7	73.4	47.5	23.8	11.9	0.0
60°	146.9	114.0	82.1	54.0	25.8	12.9	0.0
57.5°	161.9	126.0	91.5	60.3	29.9	13.9	0.0
55°	176.6	137.6	100.7	66.5	34.0	14.8	0.0
52.5°	191.0	149.0	109.6	72.5	37.9	15.7	0.0
50°	205.0	160.7	118.2	78.3	41.6	16.6	0.0
47.5°	218.8	172.1	126.4	84.0	45.2	17.4	0.0
45°	233.1	183.1	134.2	89.8	48.6	18.2	0.0
42.5°	246.7	193.7	141.7	95.4	51.9	19.0	0.0
40°	259.6	203.8	149.3	100.6	55.0	19.8	0.0
37.5°	271.7	213.5	157.0	105.4	57.9	20.5	0.0
35°	283.1	222.9	164.3	110.0	60.6	21.1	0.0
32.5°	293.7	231.8	171.2	114.2	63.1	21.8	0.0
30°	303.6	240.1	177.6	118.1	65.4	22.3	0.0
27.5°	312.6	247.7	183.4	121.8	67.5	22.9	0.0
25°	320.8	254.7	188.6	125.1	69.5	23.4	0.0
22.5°	328.1	260.9	193.3	128.0	71.2	23.8	0.0
20°	334.6	266.1	197.5	130.7	72.7	24.2	0.0
17.5°	340.5	270.7	201.2	133.0	74.0	24.6	0.0
15°	345.8	274.6	204.3	134.9	75.1	24.9	0.0
12.5°	350.3	277.9	206.9	136.5	76.0	25.2	0.0
10°	354.1	280.4	208.9	137.8	76.7	25.4	0.0
7.5°	357.1	282.3	210.4	138.7	77.2	25.6	0.0
5°	359.3	283.5	211.3	139.3	77.4	25.7	0.0
2.5°	360.7	283.9	211.7	139.5	77.5	25.8	0.0
0°	361.1	283.7	211.5	139.3	77.4	25.8	0.0
-2.5°	360.7	283.9	211.7	139.5	77.5	25.8	0.0
-5°	359.3	283.5	211.3	139.3	77.4	25.7	0.0
-7.5°	357.1	282.3	210.4	138.7	77.2	25.6	0.0
-10°	354.1	280.4	208.9	137.8	76.7	25.4	0.0
-12.5°	350.3	277.9	206.9	136.5	76.0	25.2	0.0
-15°	345.8	274.6	204.3	134.9	75.1	24.9	0.0
-17.5°	340.5	270.7	201.2	133.0	74.0	24.6	0.0
-20°	334.6	266.1	197.5	130.7	72.7	24.2	0.0

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REPORT NUMBER: P627587 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	328.1	260.9	193.3	128.0	71.2	23.8	0.0
-25°	320.8	254.7	188.6	125.1	69.5	23.4	0.0
-27.5°	312.6	247.7	183.4	121.8	67.5	22.9	0.0
-30°	303.6	240.1	177.6	118.1	65.4	22.3	0.0
-32.5°	293.7	231.8	171.2	114.2	63.1	21.8	0.0
-35°	283.1	222.9	164.3	110.0	60.6	21.1	0.0
-37.5°	271.7	213.5	157.0	105.4	57.9	20.5	0.0
-40°	259.6	203.8	149.3	100.6	55.0	19.8	0.0
-42.5°	246.7	193.7	141.7	95.4	51.9	19.0	0.0
-45°	233.1	183.1	134.2	89.8	48.6	18.2	0.0
-47.5°	218.8	172.1	126.4	84.0	45.2	17.4	0.0
-50°	205.0	160.7	118.2	78.3	41.6	16.6	0.0
-52.5°	191.0	149.0	109.6	72.5	37.9	15.7	0.0
-55°	176.6	137.6	100.7	66.5	34.0	14.8	0.0
-57.5°	161.9	126.0	91.5	60.3	29.9	13.9	0.0
-60°	146.9	114.0	82.1	54.0	25.8	12.9	0.0
-62.5°	131.9	101.7	73.4	47.5	23.8	11.9	0.0
-65°	116.5	89.0	64.5	40.8	21.8	10.9	0.0
-67.5°	100.7	76.9	55.5	34.0	19.7	9.9	0.0
-70°	84.6	65.4	46.3	27.1	17.6	8.8	0.0
-72.5°	70.3	53.7	37.0	23.2	15.5	7.8	0.0
-75°	56.2	41.9	27.5	20.0	13.3	6.7	0.0
-77.5°	41.9	30.0	22.2	16.7	11.2	5.6	0.0
-80°	27.5	22.2	17.8	13.4	8.9	4.5	0.0
-82.5°	20.0	16.7	13.4	10.1	6.7	3.4	0.0
-85°	13.3	11.2	8.9	6.7	4.5	2.2	0.0
-87.5°	6.7	5.6	4.5	3.4	2.2	1.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)