

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: P627825 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-740-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627825 (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-SA6B-740-U-MR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N146
Light Source: (96) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

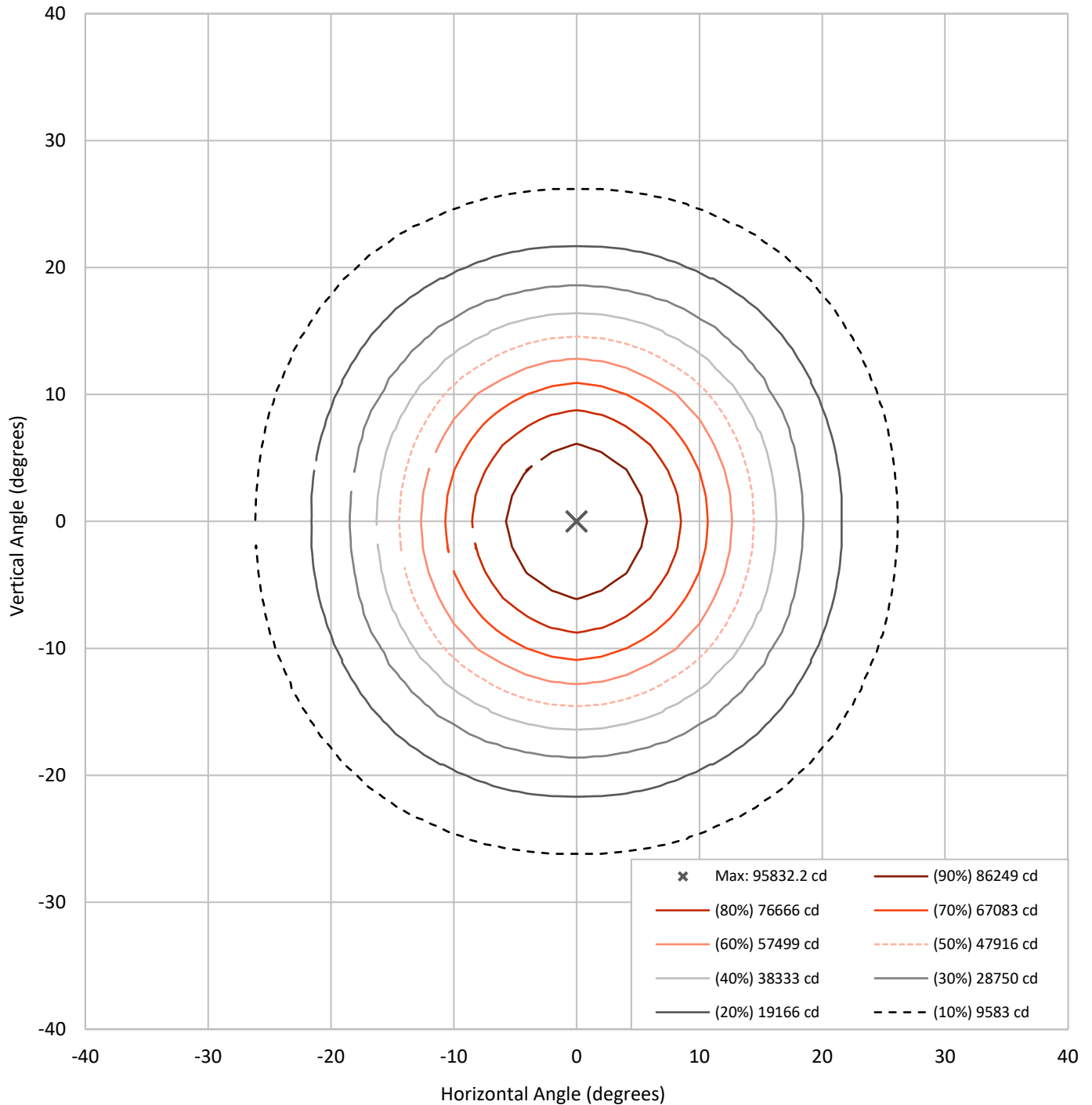
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	29941.3 lumens	Max Intensity:	95832.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	157.1 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:	14557 lumens	Field Lumens:	24566.3 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	190.6		
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





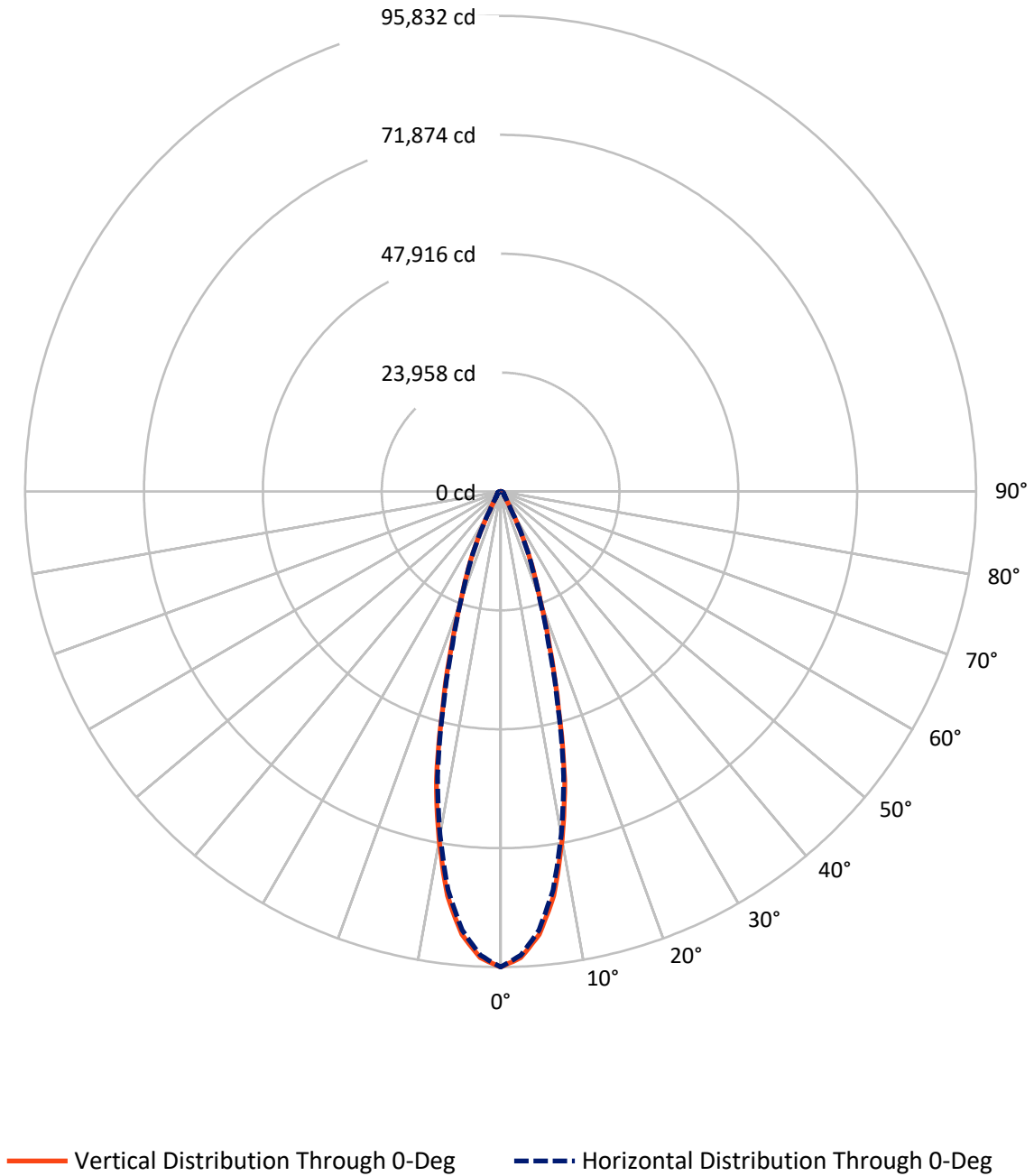
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Lumen Table

90																			
80	0.6	5.0		13.0		20.5		22.8		20.5		13.0		5.0	0.6				
70																			
60	2.2	2.6	5.2	8.5	11.8	14.5	16.2	17.0	17.0	16.2	14.5	11.8	8.5	5.2	2.6	2.2			
50		3.8	7.7	12.5	16.7	20.6	23.1	24.0	24.0	23.1	20.6	16.7	12.5	7.7	3.8				
40	3.9	4.9	9.9	15.4	20.5	25.9	30.5	32.7	32.7	30.5	25.9	20.5	15.4	9.9	4.9	3.9			
30		5.8	11.6	17.8	25.1	35.8	51.9	67.4	67.4	51.9	35.8	25.1	17.8	11.6	5.8				
20	5.1	6.5	12.7	20.0	32.2	70.0	197.1	349.5	349.5	197.1	70.0	32.2	20.0	12.7	6.5	5.1			
10		7.0	13.4	21.8	43.9	183.8	655.0	1255.0	1255.0	655.0	183.8	43.9	21.8	13.4	7.0				
0	5.4	7.2	13.6	22.9	55.7	317.2	1212.3	2384.5	2384.5	1212.3	317.2	55.7	22.9	13.6	7.2	5.4			
-10		7.2	13.6	22.9	55.7	317.2	1212.3	2384.5	2384.5	1212.3	317.2	55.7	22.9	13.6	7.2				
-20	5.1	7.0	13.4	21.8	43.9	183.8	655.0	1255.0	1255.0	655.0	183.8	43.9	21.8	13.4	7.0	5.1			
-30		6.5	12.7	20.0	32.2	70.0	197.1	349.5	349.5	197.1	70.0	32.2	20.0	12.7	6.5				
-40	3.9	5.8	11.6	17.8	25.1	35.8	51.9	67.4	67.4	51.9	35.8	25.1	17.8	11.6	5.8	3.9			
-50		4.9	9.9	15.4	20.5	25.9	30.5	32.7	32.7	30.5	25.9	20.5	15.4	9.9	4.9				
-60	2.2	3.8	7.7	12.5	16.7	20.6	23.1	24.0	24.0	23.1	20.6	16.7	12.5	7.7	3.8	2.2			
-70		2.6	5.2	8.5	11.8	14.5	16.2	17.0	17.0	16.2	14.5	11.8	8.5	5.2	2.6				
-80																			
-90	0.6	5.0		13.0		20.5		22.8		20.5		13.0		5.0	0.6				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

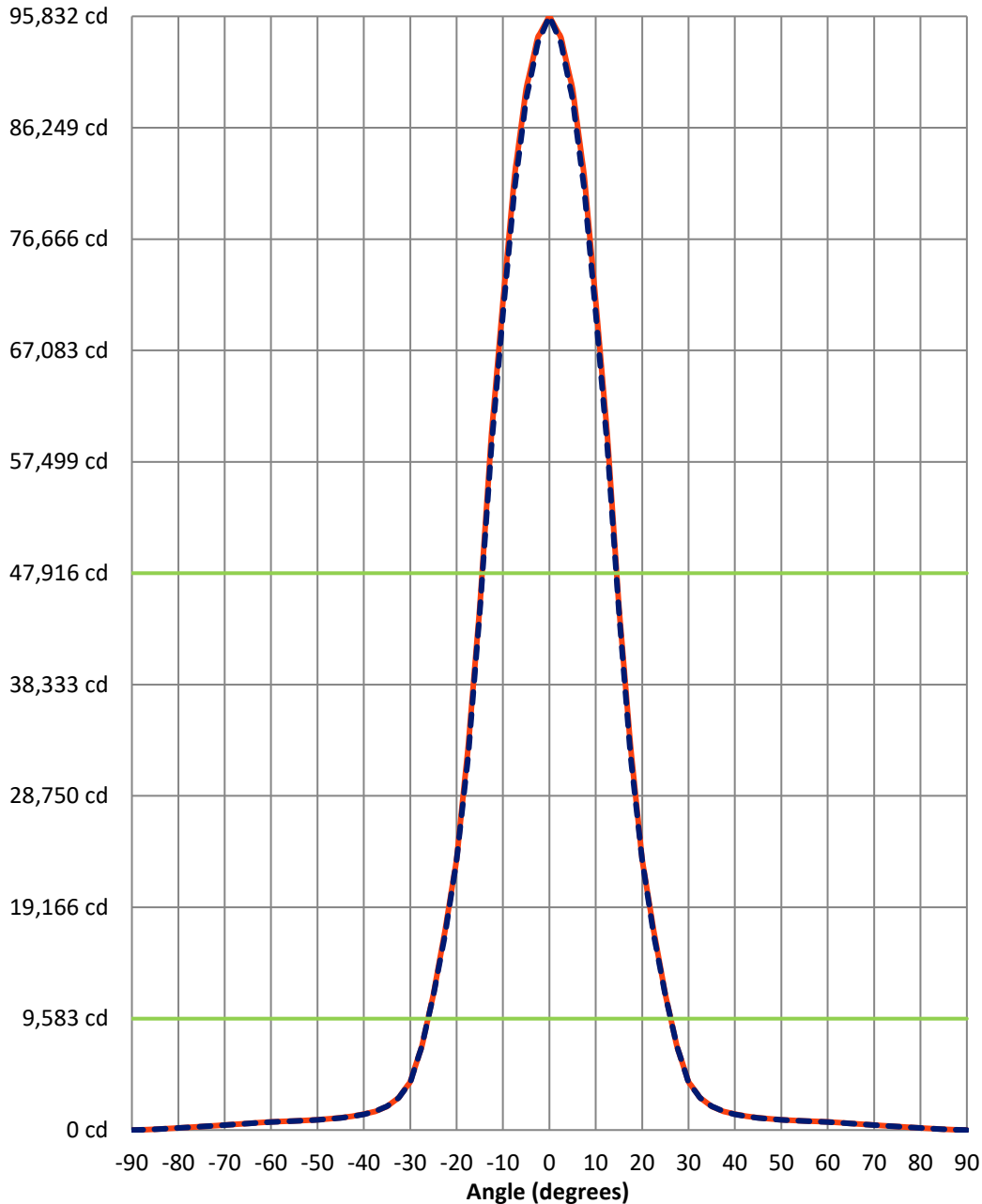
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 14557
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 24566.3
 Efficiency: 82.0%

Spill:
 Lumens: 5374.9
 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	2.1	3.2	4.3	5.3	6.4	7.4	8.4	9.4	10.4
85°	0.0	2.1	4.3	6.4	8.5	10.6	12.7	14.8	16.8	18.8	20.8
82.5°	0.0	3.2	6.4	9.6	12.8	15.9	19.0	22.1	25.7	31.5	37.6
80°	0.0	4.3	8.5	12.8	17.0	21.2	25.9	33.4	41.2	49.5	58.1
77.5°	0.0	5.3	10.6	15.9	21.2	27.8	36.9	46.5	56.6	67.3	79.0
75°	0.0	6.4	12.7	19.0	25.9	36.9	47.7	59.4	72.1	87.0	101.7
72.5°	0.0	7.4	14.8	22.1	33.1	45.8	58.5	72.9	90.2	107.3	124.2
70°	0.0	8.4	16.8	25.6	40.2	54.7	69.4	88.6	108.1	127.4	148.3
67.5°	0.0	9.4	18.8	30.9	47.2	63.4	82.8	104.0	125.7	149.3	172.6
65°	0.0	10.4	20.8	36.0	54.1	73.2	96.0	119.2	145.0	170.9	197.1
62.5°	0.0	11.4	22.7	41.1	60.8	84.0	108.9	135.2	163.8	192.3	222.3
60°	0.0	12.3	24.6	46.0	67.4	94.5	121.6	151.4	182.3	214.0	246.8
57.5°	0.0	13.2	27.8	50.8	75.5	104.8	134.9	167.2	200.6	235.0	271.0
55°	0.0	14.1	30.9	55.5	83.5	114.8	147.9	182.5	218.4	255.6	294.7
52.5°	0.0	15.0	33.9	60.1	91.3	124.7	160.4	197.4	235.4	276.3	317.7
50°	0.0	15.8	36.9	64.5	98.9	134.6	172.4	211.8	252.2	296.4	339.1
47.5°	0.0	16.6	39.7	69.0	106.1	144.1	183.9	225.7	269.4	315.7	359.3
45°	0.0	17.4	42.4	74.2	113.1	153.1	195.3	239.1	286.0	332.8	378.4
42.5°	0.0	18.1	45.0	79.3	119.8	161.7	206.2	252.4	301.7	348.8	395.9
40°	0.0	18.8	47.5	84.0	126.2	169.8	216.7	265.3	316.1	363.9	412.5
37.5°	0.0	19.5	49.9	88.4	132.4	177.5	226.5	277.4	328.9	378.4	428.2
35°	0.0	20.1	52.1	92.5	138.1	185.0	235.8	288.7	341.0	392.1	442.9
32.5°	0.0	20.7	54.2	96.3	143.5	192.2	244.6	299.1	352.3	404.9	457.3
30°	0.0	21.3	56.1	99.8	148.5	199.0	253.0	308.6	362.8	416.8	470.6
27.5°	0.0	21.8	57.9	102.9	153.0	205.2	260.6	317.0	372.4	427.7	482.9
25°	0.0	22.3	59.6	105.8	157.1	210.9	267.4	324.6	381.2	437.7	494.1
22.5°	0.0	22.7	61.1	108.3	161.0	216.0	273.5	331.5	389.1	446.7	505.3
20°	0.0	23.1	62.5	110.5	164.5	220.5	278.9	337.6	396.2	454.7	515.3
17.5°	0.0	23.5	63.7	112.4	167.6	224.3	283.8	342.9	402.3	461.6	524.0
15°	0.0	23.8	64.8	114.0	170.4	227.5	288.3	347.8	407.4	467.5	531.4
12.5°	0.0	24.0	65.7	115.2	172.8	230.1	292.2	352.4	412.3	472.3	537.5
10°	0.0	24.2	66.4	116.2	174.8	232.0	295.4	356.2	416.6	478.1	543.1
7.5°	0.0	24.4	67.0	116.8	176.3	233.3	298.0	359.1	420.0	483.1	549.3
5°	0.0	24.5	67.4	117.1	177.5	234.1	299.9	361.2	422.4	487.2	554.2
2.5°	0.0	24.6	67.6	117.2	178.2	234.2	301.0	362.5	423.9	490.2	557.7
0°	0.0	24.6	67.7	116.9	178.4	233.8	301.4	362.9	424.4	492.1	559.8
-2.5°	0.0	24.6	67.6	117.2	178.2	234.2	301.0	362.5	423.9	490.2	557.7
-5°	0.0	24.5	67.4	117.1	177.5	234.1	299.9	361.2	422.4	487.2	554.2
-7.5°	0.0	24.4	67.0	116.8	176.3	233.3	298.0	359.1	420.0	483.1	549.3
-10°	0.0	24.2	66.4	116.2	174.8	232.0	295.4	356.2	416.6	478.1	543.1
-12.5°	0.0	24.0	65.7	115.2	172.8	230.1	292.2	352.4	412.3	472.3	537.5
-15°	0.0	23.8	64.8	114.0	170.4	227.5	288.3	347.8	407.4	467.5	531.4
-17.5°	0.0	23.5	63.7	112.4	167.6	224.3	283.8	342.9	402.3	461.6	524.0
-20°	0.0	23.1	62.5	110.5	164.5	220.5	278.9	337.6	396.2	454.7	515.3

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CATALOG NUMBER: GFLD-SA6B-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	22.7	61.1	108.3	161.0	216.0	273.5	331.5	389.1	446.7	505.3
-25°	0.0	22.3	59.6	105.8	157.1	210.9	267.4	324.6	381.2	437.7	494.1
-27.5°	0.0	21.8	57.9	102.9	153.0	205.2	260.6	317.0	372.4	427.7	482.9
-30°	0.0	21.3	56.1	99.8	148.5	199.0	253.0	308.6	362.8	416.8	470.6
-32.5°	0.0	20.7	54.2	96.3	143.5	192.2	244.6	299.1	352.3	404.9	457.3
-35°	0.0	20.1	52.1	92.5	138.1	185.0	235.8	288.7	341.0	392.1	442.9
-37.5°	0.0	19.5	49.9	88.4	132.4	177.5	226.5	277.4	328.9	378.4	428.2
-40°	0.0	18.8	47.5	84.0	126.2	169.8	216.7	265.3	316.1	363.9	412.5
-42.5°	0.0	18.1	45.0	79.3	119.8	161.7	206.2	252.4	301.7	348.8	395.9
-45°	0.0	17.4	42.4	74.2	113.1	153.1	195.3	239.1	286.0	332.8	378.4
-47.5°	0.0	16.6	39.7	69.0	106.1	144.1	183.9	225.7	269.4	315.7	359.3
-50°	0.0	15.8	36.9	64.5	98.9	134.6	172.4	211.8	252.2	296.4	339.1
-52.5°	0.0	15.0	33.9	60.1	91.3	124.7	160.4	197.4	235.4	276.3	317.7
-55°	0.0	14.1	30.9	55.5	83.5	114.8	147.9	182.5	218.4	255.6	294.7
-57.5°	0.0	13.2	27.8	50.8	75.5	104.8	134.9	167.2	200.6	235.0	271.0
-60°	0.0	12.3	24.6	46.0	67.4	94.5	121.6	151.4	182.3	214.0	246.8
-62.5°	0.0	11.4	22.7	41.1	60.8	84.0	108.9	135.2	163.8	192.3	222.3
-65°	0.0	10.4	20.8	36.0	54.1	73.2	96.0	119.2	145.0	170.9	197.1
-67.5°	0.0	9.4	18.8	30.9	47.2	63.4	82.8	104.0	125.7	149.3	172.6
-70°	0.0	8.4	16.8	25.6	40.2	54.7	69.4	88.6	108.1	127.4	148.3
-72.5°	0.0	7.4	14.8	22.1	33.1	45.8	58.5	72.9	90.2	107.3	124.2
-75°	0.0	6.4	12.7	19.0	25.9	36.9	47.7	59.4	72.1	87.0	101.7
-77.5°	0.0	5.3	10.6	15.9	21.2	27.8	36.9	46.5	56.6	67.3	79.0
-80°	0.0	4.3	8.5	12.8	17.0	21.2	25.9	33.4	41.2	49.5	58.1
-82.5°	0.0	3.2	6.4	9.6	12.8	15.9	19.0	22.1	25.7	31.5	37.6
-85°	0.0	2.1	4.3	6.4	8.5	10.6	12.7	14.8	16.8	18.8	20.8
-87.5°	0.0	1.1	2.1	3.2	4.3	5.3	6.4	7.4	8.4	9.4	10.4
-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°	11.4	12.3	13.2	14.1	15.0	15.8	16.6	17.4	18.1	18.8	19.5
85°	22.7	24.6	28.2	31.8	35.3	38.6	41.8	44.9	47.9	50.7	53.4
82.5°	43.4	49.0	54.5	59.9	65.1	70.1	75.0	79.6	84.1	88.3	92.4
80°	65.9	73.4	81.0	88.0	94.8	101.5	108.0	114.2	120.2	126.5	133.3
77.5°	89.8	99.3	108.1	116.1	124.8	135.2	145.3	155.1	164.4	173.3	181.7
75°	114.3	125.3	137.2	149.1	161.5	174.1	186.3	198.1	209.5	221.3	233.0
72.5°	140.2	155.0	169.5	183.6	199.2	214.5	228.5	241.3	255.8	271.7	286.3
70°	167.6	184.8	203.0	221.1	238.7	255.8	273.2	290.7	308.3	325.5	341.9
67.5°	195.1	216.7	237.8	258.4	278.4	298.8	319.4	340.6	360.9	380.3	399.2
65°	224.5	248.6	272.2	295.2	317.5	342.4	366.8	390.4	416.2	440.0	460.8
62.5°	253.0	280.0	306.1	332.1	359.2	386.8	415.1	444.7	475.4	497.5	516.5
60°	280.4	310.9	340.0	369.8	400.1	431.1	463.7	495.3	523.3	547.5	567.5
57.5°	307.2	341.4	373.6	406.0	439.1	474.4	510.2	542.5	568.6	591.9	613.9
55°	333.2	371.0	405.3	439.8	477.4	518.8	555.5	584.6	611.3	630.6	651.6
52.5°	357.9	398.4	434.3	472.9	515.9	558.8	595.3	623.6	646.0	666.0	686.5
50°	381.5	422.3	462.1	506.0	551.4	594.5	631.4	657.4	680.0	700.7	720.5
47.5°	402.9	445.3	490.3	537.2	584.7	627.2	662.6	689.2	712.5	733.9	755.6
45°	423.1	468.6	516.5	567.9	616.5	658.7	690.9	719.4	741.9	765.9	793.1
42.5°	442.4	491.1	543.0	597.8	647.4	686.0	717.2	744.5	770.5	799.4	829.6
40°	461.4	512.1	568.2	625.8	676.3	709.8	741.1	770.0	799.9	832.6	865.7
37.5°	479.1	533.5	591.8	651.9	697.6	732.4	764.7	797.0	830.5	865.7	906.8
35°	495.4	553.2	614.4	672.4	716.4	754.3	788.9	823.9	861.4	904.5	949.9
32.5°	511.2	571.2	635.4	689.8	733.5	774.0	812.2	851.8	894.8	942.1	994.0
30°	526.8	588.7	653.7	707.5	748.7	790.1	835.0	879.1	926.8	979.5	1040.4
27.5°	541.9	605.0	669.1	721.4	762.1	804.2	852.3	905.9	958.2	1015.8	1086.4
25°	555.7	621.8	684.3	732.5	773.6	817.8	868.0	925.0	986.5	1055.0	1141.4
22.5°	568.7	636.9	698.6	741.9	783.2	829.6	883.6	943.9	1010.7	1090.1	1195.7
20°	581.0	648.7	708.2	750.5	791.1	839.0	897.1	960.6	1036.9	1133.1	1259.4
17.5°	591.7	658.7	714.8	757.6	799.5	848.7	908.7	974.7	1060.5	1171.0	1320.5
15°	600.8	666.9	720.6	763.0	806.6	858.7	920.4	992.4	1086.3	1208.2	1373.3
12.5°	608.4	673.3	725.4	767.0	812.1	866.2	930.4	1009.5	1112.1	1248.8	1444.5
10°	614.3	677.9	729.1	769.4	816.0	871.1	938.3	1022.8	1133.0	1282.7	1505.5
7.5°	620.0	682.0	731.8	770.4	818.2	873.5	943.8	1032.2	1148.3	1308.1	1554.0
5°	624.2	685.9	733.3	772.7	819.7	874.6	947.6	1037.7	1157.9	1324.9	1588.4
2.5°	626.6	688.2	733.3	774.5	819.7	875.0	952.0	1040.7	1168.5	1339.0	1607.9
0°	627.4	689.0	732.0	775.1	818.1	873.5	953.5	1039.6	1174.9	1347.1	1611.7
-2.5°	626.6	688.2	733.3	774.5	819.7	875.0	952.0	1040.7	1168.5	1339.0	1607.9
-5°	624.2	685.9	733.3	772.7	819.7	874.6	947.6	1037.7	1157.9	1324.9	1588.4
-7.5°	620.0	682.0	731.8	770.4	818.2	873.5	943.8	1032.2	1148.3	1308.1	1554.0
-10°	614.3	677.9	729.1	769.4	816.0	871.1	938.3	1022.8	1133.0	1282.7	1505.5
-12.5°	608.4	673.3	725.4	767.0	812.1	866.2	930.4	1009.5	1112.1	1248.8	1444.5
-15°	600.8	666.9	720.6	763.0	806.6	858.7	920.4	992.4	1086.3	1208.2	1373.3
-17.5°	591.7	658.7	714.8	757.6	799.5	848.7	908.7	974.7	1060.5	1171.0	1320.5
-20°	581.0	648.7	708.2	750.5	791.1	839.0	897.1	960.6	1036.9	1133.1	1259.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627825 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	568.7	636.9	698.6	741.9	783.2	829.6	883.6	943.9	1010.7	1090.1	1195.7
-25°	555.7	621.8	684.3	732.5	773.6	817.8	868.0	925.0	986.5	1055.0	1141.4
-27.5°	541.9	605.0	669.1	721.4	762.1	804.2	852.3	905.9	958.2	1015.8	1086.4
-30°	526.8	588.7	653.7	707.5	748.7	790.1	835.0	879.1	926.8	979.5	1040.4
-32.5°	511.2	571.2	635.4	689.8	733.5	774.0	812.2	851.8	894.8	942.1	994.0
-35°	495.4	553.2	614.4	672.4	716.4	754.3	788.9	823.9	861.4	904.5	949.9
-37.5°	479.1	533.5	591.8	651.9	697.6	732.4	764.7	797.0	830.5	865.7	906.8
-40°	461.4	512.1	568.2	625.8	676.3	709.8	741.1	770.0	799.9	832.6	865.7
-42.5°	442.4	491.1	543.0	597.8	647.4	686.0	717.2	744.5	770.5	799.4	829.6
-45°	423.1	468.6	516.5	567.9	616.5	658.7	690.9	719.4	741.9	765.9	793.1
-47.5°	402.9	445.3	490.3	537.2	584.7	627.2	662.6	689.2	712.5	733.9	755.6
-50°	381.5	422.3	462.1	506.0	551.4	594.5	631.4	657.4	680.0	700.7	720.5
-52.5°	357.9	398.4	434.3	472.9	515.9	558.8	595.3	623.6	646.0	666.0	686.5
-55°	333.2	371.0	405.3	439.8	477.4	518.8	555.5	584.6	611.3	630.6	651.6
-57.5°	307.2	341.4	373.6	406.0	439.1	474.4	510.2	542.5	568.6	591.9	613.9
-60°	280.4	310.9	340.0	369.8	400.1	431.1	463.7	495.3	523.3	547.5	567.5
-62.5°	253.0	280.0	306.1	332.1	359.2	386.8	415.1	444.7	475.4	497.5	516.5
-65°	224.5	248.6	272.2	295.2	317.5	342.4	366.8	390.4	416.2	440.0	460.8
-67.5°	195.1	216.7	237.8	258.4	278.4	298.8	319.4	340.6	360.9	380.3	399.2
-70°	167.6	184.8	203.0	221.1	238.7	255.8	273.2	290.7	308.3	325.5	341.9
-72.5°	140.2	155.0	169.5	183.6	199.2	214.5	228.5	241.3	255.8	271.7	286.3
-75°	114.3	125.3	137.2	149.1	161.5	174.1	186.3	198.1	209.5	221.3	233.0
-77.5°	89.8	99.3	108.1	116.1	124.8	135.2	145.3	155.1	164.4	173.3	181.7
-80°	65.9	73.4	81.0	88.0	94.8	101.5	108.0	114.2	120.2	126.5	133.3
-82.5°	43.4	49.0	54.5	59.9	65.1	70.1	75.0	79.6	84.1	88.3	92.4
-85°	22.7	24.6	28.2	31.8	35.3	38.6	41.8	44.9	47.9	50.7	53.4
-87.5°	11.4	12.3	13.2	14.1	15.0	15.8	16.6	17.4	18.1	18.8	19.5
-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: P627825 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	20.1	20.7	21.3	21.8	22.3	22.7	23.1	23.5	23.8	24.0	24.2
85°	56.0	58.4	60.6	62.7	64.6	65.0	65.2	65.1	64.8	65.7	66.4
82.5°	96.2	100.5	104.9	109.2	113.5	115.0	116.1	116.9	117.4	119.0	120.5
80°	139.7	146.5	152.8	158.5	163.5	167.1	170.3	173.3	176.1	177.3	177.9
77.5°	190.2	198.5	206.3	213.4	220.0	225.3	229.6	233.0	235.6	237.3	238.4
75°	244.7	255.1	264.5	273.1	281.1	286.7	290.5	293.4	295.3	297.4	299.0
72.5°	299.6	311.5	322.6	333.0	342.2	348.6	353.1	356.7	359.4	361.5	362.5
70°	357.4	371.6	383.8	394.2	402.5	408.6	413.5	417.4	420.4	422.4	423.5
67.5°	417.2	432.4	443.9	452.9	460.4	466.9	472.9	477.4	480.4	483.3	486.5
65°	478.2	493.6	505.3	515.0	522.8	531.3	539.0	544.8	548.6	552.1	555.6
62.5°	535.4	553.0	566.6	579.2	592.1	604.2	611.2	616.6	620.5	623.9	627.9
60°	587.6	607.4	624.0	639.4	655.1	670.8	677.3	682.3	687.2	691.7	695.7
57.5°	633.8	654.9	675.1	690.2	705.3	720.0	730.1	735.7	739.4	741.5	743.2
55°	674.0	695.1	715.2	732.7	749.0	764.1	775.4	780.9	784.9	787.5	789.0
52.5°	710.1	732.6	754.2	773.6	791.1	807.4	821.5	829.0	835.1	839.4	840.8
50°	745.4	769.9	793.2	813.9	834.4	853.9	871.8	882.2	889.5	894.0	895.5
47.5°	782.4	809.0	834.1	858.2	881.4	904.6	925.8	940.0	950.5	958.3	963.8
45°	820.9	849.5	877.3	905.7	932.4	962.2	989.2	1009.8	1025.1	1038.3	1048.9
42.5°	859.6	891.7	923.8	960.3	996.8	1030.6	1062.7	1090.1	1115.1	1139.6	1158.7
40°	901.8	936.9	980.7	1024.0	1068.9	1108.4	1155.1	1197.0	1235.5	1277.0	1311.4
37.5°	947.8	992.9	1044.8	1096.7	1155.2	1211.9	1277.2	1341.5	1397.5	1470.2	1528.5
35°	997.9	1055.1	1116.3	1186.1	1261.5	1350.4	1441.8	1549.0	1640.0	1755.5	1862.2
32.5°	1053.8	1121.0	1200.5	1296.4	1398.1	1540.8	1674.8	1856.5	2011.9	2212.4	2431.4
30°	1110.6	1197.5	1305.6	1429.4	1601.4	1804.0	2040.2	2347.5	2680.0	3023.8	3486.8
27.5°	1177.9	1290.7	1425.7	1616.9	1874.1	2154.6	2636.0	3155.7	3879.6	4452.7	5473.5
25°	1250.5	1390.1	1589.4	1866.5	2222.1	2789.7	3602.1	4542.8	5991.5	7280.1	8760.9
22.5°	1336.4	1526.1	1789.9	2152.8	2772.6	3749.2	5017.2	6949.1	9096.6	11216.2	13153.4
20°	1427.4	1656.5	2025.4	2616.5	3574.4	4986.5	7249.0	10009.5	12860.4	15765.1	18213.1
17.5°	1533.6	1844.7	2330.7	3115.8	4482.4	6900.1	9922.0	13432.1	17156.7	20863.3	24083.0
15°	1624.9	2009.2	2663.7	3839.6	5877.5	8901.6	12615.7	17048.8	21732.7	26543.1	31756.6
12.5°	1741.3	2207.5	3006.8	4438.1	7115.3	11046.0	15590.5	20737.4	26457.0	32844.0	40971.9
10°	1848.1	2415.5	3458.1	5396.9	8603.3	13049.0	18160.0	23999.4	31418.3	41016.3	50820.4
7.5°	1933.7	2580.5	3808.1	6145.1	9851.1	14760.2	20473.7	27474.8	36730.5	48159.6	59361.3
5°	1993.3	2694.8	4058.5	6710.4	10854.9	16068.0	22115.6	30036.8	41208.1	54006.6	65444.5
2.5°	2030.7	2757.3	4181.0	7046.1	11509.6	16855.0	23140.0	31664.9	43952.4	57728.7	69309.1
0°	2048.4	2768.1	4103.0	7209.4	11601.5	16799.4	23233.7	32208.6	44603.6	58739.4	70273.2
-2.5°	2030.7	2757.3	4181.0	7046.1	11509.6	16855.0	23140.0	31664.9	43952.4	57728.7	69309.1
-5°	1993.3	2694.8	4058.5	6710.4	10854.9	16068.0	22115.6	30036.8	41208.1	54006.6	65444.5
-7.5°	1933.7	2580.5	3808.1	6145.1	9851.1	14760.2	20473.7	27474.8	36730.5	48159.6	59361.3
-10°	1848.1	2415.5	3458.1	5396.9	8603.3	13049.0	18160.0	23999.4	31418.3	41016.3	50820.4
-12.5°	1741.3	2207.5	3006.8	4438.1	7115.3	11046.0	15590.5	20737.4	26457.0	32844.0	40971.9
-15°	1624.9	2009.2	2663.7	3839.6	5877.5	8901.6	12615.7	17048.8	21732.7	26543.1	31756.6
-17.5°	1533.6	1844.7	2330.7	3115.8	4482.4	6900.1	9922.0	13432.1	17156.7	20863.3	24083.0
-20°	1427.4	1656.5	2025.4	2616.5	3574.4	4986.5	7249.0	10009.5	12860.4	15765.1	18213.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627825 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1336.4	1526.1	1789.9	2152.8	2772.6	3749.2	5017.2	6949.1	9096.6	11216.2	13153.4
-25°	1250.5	1390.1	1589.4	1866.5	2222.1	2789.7	3602.1	4542.8	5991.5	7280.1	8760.9
-27.5°	1177.9	1290.7	1425.7	1616.9	1874.1	2154.6	2636.0	3155.7	3879.6	4452.7	5473.5
-30°	1110.6	1197.5	1305.6	1429.4	1601.4	1804.0	2040.2	2347.5	2680.0	3023.8	3486.8
-32.5°	1053.8	1121.0	1200.5	1296.4	1398.1	1540.8	1674.8	1856.5	2011.9	2212.4	2431.4
-35°	997.9	1055.1	1116.3	1186.1	1261.5	1350.4	1441.8	1549.0	1640.0	1755.5	1862.2
-37.5°	947.8	992.9	1044.8	1096.7	1155.2	1211.9	1277.2	1341.5	1397.5	1470.2	1528.5
-40°	901.8	936.9	980.7	1024.0	1068.9	1108.4	1155.1	1197.0	1235.5	1277.0	1311.4
-42.5°	859.6	891.7	923.8	960.3	996.8	1030.6	1062.7	1090.1	1115.1	1139.6	1158.7
-45°	820.9	849.5	877.3	905.7	932.4	962.2	989.2	1009.8	1025.1	1038.3	1048.9
-47.5°	782.4	809.0	834.1	858.2	881.4	904.6	925.8	940.0	950.5	958.3	963.8
-50°	745.4	769.9	793.2	813.9	834.4	853.9	871.8	882.2	889.5	894.0	895.5
-52.5°	710.1	732.6	754.2	773.6	791.1	807.4	821.5	829.0	835.1	839.4	840.8
-55°	674.0	695.1	715.2	732.7	749.0	764.1	775.4	780.9	784.9	787.5	789.0
-57.5°	633.8	654.9	675.1	690.2	705.3	720.0	730.1	735.7	739.4	741.5	743.2
-60°	587.6	607.4	624.0	639.4	655.1	670.8	677.3	682.3	687.2	691.7	695.7
-62.5°	535.4	553.0	566.6	579.2	592.1	604.2	611.2	616.6	620.5	623.9	627.9
-65°	478.2	493.6	505.3	515.0	522.8	531.3	539.0	544.8	548.6	552.1	555.6
-67.5°	417.2	432.4	443.9	452.9	460.4	466.9	472.9	477.4	480.4	483.3	486.5
-70°	357.4	371.6	383.8	394.2	402.5	408.6	413.5	417.4	420.4	422.4	423.5
-72.5°	299.6	311.5	322.6	333.0	342.2	348.6	353.1	356.7	359.4	361.5	362.5
-75°	244.7	255.1	264.5	273.1	281.1	286.7	290.5	293.4	295.3	297.4	299.0
-77.5°	190.2	198.5	206.3	213.4	220.0	225.3	229.6	233.0	235.6	237.3	238.4
-80°	139.7	146.5	152.8	158.5	163.5	167.1	170.3	173.3	176.1	177.3	177.9
-82.5°	96.2	100.5	104.9	109.2	113.5	115.0	116.1	116.9	117.4	119.0	120.5
-85°	56.0	58.4	60.6	62.7	64.6	65.0	65.2	65.1	64.8	65.7	66.4
-87.5°	20.1	20.7	21.3	21.8	22.3	22.7	23.1	23.5	23.8	24.0	24.2
-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: P627825 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	24.4	24.5	24.6	24.6	24.6	24.5	24.4	24.2	24.0	23.8	23.5
85°	67.0	67.4	67.6	67.7	67.6	67.4	67.0	66.4	65.7	64.8	65.1
82.5°	121.6	122.4	122.8	123.0	122.8	122.4	121.6	120.5	119.0	117.4	116.9
80°	178.0	177.6	178.2	178.4	178.2	177.6	178.0	177.9	177.3	176.1	173.3
77.5°	238.9	238.8	239.6	239.9	239.6	238.8	238.9	238.4	237.3	235.6	233.0
75°	299.9	300.1	301.0	301.4	301.0	300.1	299.9	299.0	297.4	295.3	293.4
72.5°	362.5	361.5	362.5	362.9	362.5	361.5	362.5	362.5	361.5	359.4	356.7
70°	423.7	422.8	426.8	430.6	426.8	422.8	423.7	423.5	422.4	420.4	417.4
67.5°	488.7	489.9	494.3	498.3	494.3	489.9	488.7	486.5	483.3	480.4	477.4
65°	557.5	557.7	561.8	565.9	561.8	557.7	557.5	555.6	552.1	548.6	544.8
62.5°	630.3	631.0	635.4	639.7	635.4	631.0	630.3	627.9	623.9	620.5	616.6
60°	698.1	698.8	700.5	701.3	700.5	698.8	698.1	695.7	691.7	687.2	682.3
57.5°	743.7	743.0	743.7	744.3	743.7	743.0	743.7	743.2	741.5	739.4	735.7
55°	788.7	786.7	784.4	781.2	784.4	786.7	788.7	789.0	787.5	784.9	780.9
52.5°	839.7	836.4	833.5	830.4	833.5	836.4	839.7	840.8	839.4	835.1	829.0
50°	894.6	891.6	888.8	885.8	888.8	891.6	894.6	895.5	894.0	889.5	882.2
47.5°	967.6	968.9	968.3	965.8	968.3	968.9	967.6	963.8	958.3	950.5	940.0
45°	1056.4	1059.9	1060.4	1058.0	1060.4	1059.9	1056.4	1048.9	1038.3	1025.1	1009.8
42.5°	1172.2	1179.9	1184.2	1187.2	1184.2	1179.9	1172.2	1158.7	1139.6	1115.1	1090.1
40°	1336.3	1352.2	1362.3	1371.8	1362.3	1352.2	1336.3	1311.4	1277.0	1235.5	1197.0
37.5°	1571.7	1600.6	1613.5	1605.5	1613.5	1600.6	1571.7	1528.5	1470.2	1397.5	1341.5
35°	1944.3	1999.2	2027.7	2030.0	2027.7	1999.2	1944.3	1862.2	1755.5	1640.0	1549.0
32.5°	2593.2	2705.4	2765.7	2774.3	2765.7	2705.4	2593.2	2431.4	2212.4	2011.9	1856.5
30°	3841.2	4070.1	4177.6	4152.2	4177.6	4070.1	3841.2	3486.8	3023.8	2680.0	2347.5
27.5°	6267.0	6838.0	7176.3	7203.3	7176.3	6838.0	6267.0	5473.5	4452.7	3879.6	3155.7
25°	10072.5	11047.2	11671.3	11681.5	11671.3	11047.2	10072.5	8760.9	7280.1	5991.5	4542.8
22.5°	14944.8	16275.3	17004.3	17131.6	17004.3	16275.3	14944.8	13153.4	11216.2	9096.6	6949.1
20°	20589.5	22359.5	23306.4	23307.5	23306.4	22359.5	20589.5	18213.1	15765.1	12860.4	10009.5
17.5°	27541.3	30415.2	32219.3	32995.9	32219.3	30415.2	27541.3	24083.0	20863.3	17156.7	13432.1
15°	36776.8	41606.3	44500.3	45021.9	44500.3	41606.3	36776.8	31756.6	26543.1	21732.7	17048.8
12.5°	48022.1	54134.0	58242.5	59748.2	58242.5	54134.0	48022.1	40971.9	32844.0	26457.0	20737.4
10°	59763.1	65426.2	69827.6	71306.7	69827.6	65426.2	59763.1	50820.4	41016.3	31418.3	23999.4
7.5°	68245.0	74998.0	79955.9	82133.1	79955.9	74998.0	68245.0	59361.3	48159.6	36730.5	27474.8
5°	74940.7	82931.1	87546.3	89594.7	87546.3	82931.1	74940.7	65444.5	54006.6	41208.1	30036.8
2.5°	79333.8	87229.2	92116.5	94005.2	92116.5	87229.2	79333.8	69309.1	57728.7	43952.4	31664.9
0°	80976.6	88696.6	93525.4	95832.2	93525.4	88696.6	80976.6	70273.2	58739.4	44603.6	32208.6
-2.5°	79333.8	87229.2	92116.5	94005.2	92116.5	87229.2	79333.8	69309.1	57728.7	43952.4	31664.9
-5°	74940.7	82931.1	87546.3	89594.7	87546.3	82931.1	74940.7	65444.5	54006.6	41208.1	30036.8
-7.5°	68245.0	74998.0	79955.9	82133.1	79955.9	74998.0	68245.0	59361.3	48159.6	36730.5	27474.8
-10°	59763.1	65426.2	69827.6	71306.7	69827.6	65426.2	59763.1	50820.4	41016.3	31418.3	23999.4
-12.5°	48022.1	54134.0	58242.5	59748.2	58242.5	54134.0	48022.1	40971.9	32844.0	26457.0	20737.4
-15°	36776.8	41606.3	44500.3	45021.9	44500.3	41606.3	36776.8	31756.6	26543.1	21732.7	17048.8
-17.5°	27541.3	30415.2	32219.3	32995.9	32219.3	30415.2	27541.3	24083.0	20863.3	17156.7	13432.1
-20°	20589.5	22359.5	23306.4	23307.5	23306.4	22359.5	20589.5	18213.1	15765.1	12860.4	10009.5



REPORT NUMBER: P627825 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	14944.8	16275.3	17004.3	17131.6	17004.3	16275.3	14944.8	13153.4	11216.2	9096.6	6949.1
-25°	10072.5	11047.2	11671.3	11681.5	11671.3	11047.2	10072.5	8760.9	7280.1	5991.5	4542.8
-27.5°	6267.0	6838.0	7176.3	7203.3	7176.3	6838.0	6267.0	5473.5	4452.7	3879.6	3155.7
-30°	3841.2	4070.1	4177.6	4152.2	4177.6	4070.1	3841.2	3486.8	3023.8	2680.0	2347.5
-32.5°	2593.2	2705.4	2765.7	2774.3	2765.7	2705.4	2593.2	2431.4	2212.4	2011.9	1856.5
-35°	1944.3	1999.2	2027.7	2030.0	2027.7	1999.2	1944.3	1862.2	1755.5	1640.0	1549.0
-37.5°	1571.7	1600.6	1613.5	1605.5	1613.5	1600.6	1571.7	1528.5	1470.2	1397.5	1341.5
-40°	1336.3	1352.2	1362.3	1371.8	1362.3	1352.2	1336.3	1311.4	1277.0	1235.5	1197.0
-42.5°	1172.2	1179.9	1184.2	1187.2	1184.2	1179.9	1172.2	1158.7	1139.6	1115.1	1090.1
-45°	1056.4	1059.9	1060.4	1058.0	1060.4	1059.9	1056.4	1048.9	1038.3	1025.1	1009.8
-47.5°	967.6	968.9	968.3	965.8	968.3	968.9	967.6	963.8	958.3	950.5	940.0
-50°	894.6	891.6	888.8	885.8	888.8	891.6	894.6	895.5	894.0	889.5	882.2
-52.5°	839.7	836.4	833.5	830.4	833.5	836.4	839.7	840.8	839.4	835.1	829.0
-55°	788.7	786.7	784.4	781.2	784.4	786.7	788.7	789.0	787.5	784.9	780.9
-57.5°	743.7	743.0	743.7	744.3	743.7	743.0	743.7	743.2	741.5	739.4	735.7
-60°	698.1	698.8	700.5	701.3	700.5	698.8	698.1	695.7	691.7	687.2	682.3
-62.5°	630.3	631.0	635.4	639.7	635.4	631.0	630.3	627.9	623.9	620.5	616.6
-65°	557.5	557.7	561.8	565.9	561.8	557.7	557.5	555.6	552.1	548.6	544.8
-67.5°	488.7	489.9	494.3	498.3	494.3	489.9	488.7	486.5	483.3	480.4	477.4
-70°	423.7	422.8	426.8	430.6	426.8	422.8	423.7	423.5	422.4	420.4	417.4
-72.5°	362.5	361.5	362.5	362.9	362.5	361.5	362.5	362.5	361.5	359.4	356.7
-75°	299.9	300.1	301.0	301.4	301.0	300.1	299.9	299.0	297.4	295.3	293.4
-77.5°	238.9	238.8	239.6	239.9	239.6	238.8	238.9	238.4	237.3	235.6	233.0
-80°	178.0	177.6	178.2	178.4	178.2	177.6	178.0	177.9	177.3	176.1	173.3
-82.5°	121.6	122.4	122.8	123.0	122.8	122.4	121.6	120.5	119.0	117.4	116.9
-85°	67.0	67.4	67.6	67.7	67.6	67.4	67.0	66.4	65.7	64.8	65.1
-87.5°	24.4	24.5	24.6	24.6	24.6	24.5	24.4	24.2	24.0	23.8	23.5
-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: P627825 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	23.1	22.7	22.3	21.8	21.3	20.7	20.1	19.5	18.8	18.1	17.4
85°	65.2	65.0	64.6	62.7	60.6	58.4	56.0	53.4	50.7	47.9	44.9
82.5°	116.1	115.0	113.5	109.2	104.9	100.5	96.2	92.4	88.3	84.1	79.6
80°	170.3	167.1	163.5	158.5	152.8	146.5	139.7	133.3	126.5	120.2	114.2
77.5°	229.6	225.3	220.0	213.4	206.3	198.5	190.2	181.7	173.3	164.4	155.1
75°	290.5	286.7	281.1	273.1	264.5	255.1	244.7	233.0	221.3	209.5	198.1
72.5°	353.1	348.6	342.2	333.0	322.6	311.5	299.6	286.3	271.7	255.8	241.3
70°	413.5	408.6	402.5	394.2	383.8	371.6	357.4	341.9	325.5	308.3	290.7
67.5°	472.9	466.9	460.4	452.9	443.9	432.4	417.2	399.2	380.3	360.9	340.6
65°	539.0	531.3	522.8	515.0	505.3	493.6	478.2	460.8	440.0	416.2	390.4
62.5°	611.2	604.2	592.1	579.2	566.6	553.0	535.4	516.5	497.5	475.4	444.7
60°	677.3	670.8	655.1	639.4	624.0	607.4	587.6	567.5	547.5	523.3	495.3
57.5°	730.1	720.0	705.3	690.2	675.1	654.9	633.8	613.9	591.9	568.6	542.5
55°	775.4	764.1	749.0	732.7	715.2	695.1	674.0	651.6	630.6	611.3	584.6
52.5°	821.5	807.4	791.1	773.6	754.2	732.6	710.1	686.5	666.0	646.0	623.6
50°	871.8	853.9	834.4	813.9	793.2	769.9	745.4	720.5	700.7	680.0	657.4
47.5°	925.8	904.6	881.4	858.2	834.1	809.0	782.4	755.6	733.9	712.5	689.2
45°	989.2	962.2	932.4	905.7	877.3	849.5	820.9	793.1	765.9	741.9	719.4
42.5°	1062.7	1030.6	996.8	960.3	923.8	891.7	859.6	829.6	799.4	770.5	744.5
40°	1155.1	1108.4	1068.9	1024.0	980.7	936.9	901.8	865.7	832.6	799.9	770.0
37.5°	1277.2	1211.9	1155.2	1096.7	1044.8	992.9	947.8	906.8	865.7	830.5	797.0
35°	1441.8	1350.4	1261.5	1186.1	1116.3	1055.1	997.9	949.9	904.5	861.4	823.9
32.5°	1674.8	1540.8	1398.1	1296.4	1200.5	1121.0	1053.8	994.0	942.1	894.8	851.8
30°	2040.2	1804.0	1601.4	1429.4	1305.6	1197.5	1110.6	1040.4	979.5	926.8	879.1
27.5°	2636.0	2154.6	1874.1	1616.9	1425.7	1290.7	1177.9	1086.4	1015.8	958.2	905.9
25°	3602.1	2789.7	2222.1	1866.5	1589.4	1390.1	1250.5	1141.4	1055.0	986.5	925.0
22.5°	5017.2	3749.2	2772.6	2152.8	1789.9	1526.1	1336.4	1195.7	1090.1	1010.7	943.9
20°	7249.0	4986.5	3574.4	2616.5	2025.4	1656.5	1427.4	1259.4	1133.1	1036.9	960.6
17.5°	9922.0	6900.1	4482.4	3115.8	2330.7	1844.7	1533.6	1320.5	1171.0	1060.5	974.7
15°	12615.7	8901.6	5877.5	3839.6	2663.7	2009.2	1624.9	1373.3	1208.2	1086.3	992.4
12.5°	15590.5	11046.0	7115.3	4438.1	3006.8	2207.5	1741.3	1444.5	1248.8	1112.1	1009.5
10°	18160.0	13049.0	8603.3	5396.9	3458.1	2415.5	1848.1	1505.5	1282.7	1133.0	1022.8
7.5°	20473.7	14760.2	9851.1	6145.1	3808.1	2580.5	1933.7	1554.0	1308.1	1148.3	1032.2
5°	22115.6	16068.0	10854.9	6710.4	4058.5	2694.8	1993.3	1588.4	1324.9	1157.9	1037.7
2.5°	23140.0	16855.0	11509.6	7046.1	4181.0	2757.3	2030.7	1607.9	1339.0	1168.5	1040.7
0°	23233.7	16799.4	11601.5	7209.4	4103.0	2768.1	2048.4	1611.7	1347.1	1174.9	1039.6
-2.5°	23140.0	16855.0	11509.6	7046.1	4181.0	2757.3	2030.7	1607.9	1339.0	1168.5	1040.7
-5°	22115.6	16068.0	10854.9	6710.4	4058.5	2694.8	1993.3	1588.4	1324.9	1157.9	1037.7
-7.5°	20473.7	14760.2	9851.1	6145.1	3808.1	2580.5	1933.7	1554.0	1308.1	1148.3	1032.2
-10°	18160.0	13049.0	8603.3	5396.9	3458.1	2415.5	1848.1	1505.5	1282.7	1133.0	1022.8
-12.5°	15590.5	11046.0	7115.3	4438.1	3006.8	2207.5	1741.3	1444.5	1248.8	1112.1	1009.5
-15°	12615.7	8901.6	5877.5	3839.6	2663.7	2009.2	1624.9	1373.3	1208.2	1086.3	992.4
-17.5°	9922.0	6900.1	4482.4	3115.8	2330.7	1844.7	1533.6	1320.5	1171.0	1060.5	974.7
-20°	7249.0	4986.5	3574.4	2616.5	2025.4	1656.5	1427.4	1259.4	1133.1	1036.9	960.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627825 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5017.2	3749.2	2772.6	2152.8	1789.9	1526.1	1336.4	1195.7	1090.1	1010.7	943.9
-25°	3602.1	2789.7	2222.1	1866.5	1589.4	1390.1	1250.5	1141.4	1055.0	986.5	925.0
-27.5°	2636.0	2154.6	1874.1	1616.9	1425.7	1290.7	1177.9	1086.4	1015.8	958.2	905.9
-30°	2040.2	1804.0	1601.4	1429.4	1305.6	1197.5	1110.6	1040.4	979.5	926.8	879.1
-32.5°	1674.8	1540.8	1398.1	1296.4	1200.5	1121.0	1053.8	994.0	942.1	894.8	851.8
-35°	1441.8	1350.4	1261.5	1186.1	1116.3	1055.1	997.9	949.9	904.5	861.4	823.9
-37.5°	1277.2	1211.9	1155.2	1096.7	1044.8	992.9	947.8	906.8	865.7	830.5	797.0
-40°	1155.1	1108.4	1068.9	1024.0	980.7	936.9	901.8	865.7	832.6	799.9	770.0
-42.5°	1062.7	1030.6	996.8	960.3	923.8	891.7	859.6	829.6	799.4	770.5	744.5
-45°	989.2	962.2	932.4	905.7	877.3	849.5	820.9	793.1	765.9	741.9	719.4
-47.5°	925.8	904.6	881.4	858.2	834.1	809.0	782.4	755.6	733.9	712.5	689.2
-50°	871.8	853.9	834.4	813.9	793.2	769.9	745.4	720.5	700.7	680.0	657.4
-52.5°	821.5	807.4	791.1	773.6	754.2	732.6	710.1	686.5	666.0	646.0	623.6
-55°	775.4	764.1	749.0	732.7	715.2	695.1	674.0	651.6	630.6	611.3	584.6
-57.5°	730.1	720.0	705.3	690.2	675.1	654.9	633.8	613.9	591.9	568.6	542.5
-60°	677.3	670.8	655.1	639.4	624.0	607.4	587.6	567.5	547.5	523.3	495.3
-62.5°	611.2	604.2	592.1	579.2	566.6	553.0	535.4	516.5	497.5	475.4	444.7
-65°	539.0	531.3	522.8	515.0	505.3	493.6	478.2	460.8	440.0	416.2	390.4
-67.5°	472.9	466.9	460.4	452.9	443.9	432.4	417.2	399.2	380.3	360.9	340.6
-70°	413.5	408.6	402.5	394.2	383.8	371.6	357.4	341.9	325.5	308.3	290.7
-72.5°	353.1	348.6	342.2	333.0	322.6	311.5	299.6	286.3	271.7	255.8	241.3
-75°	290.5	286.7	281.1	273.1	264.5	255.1	244.7	233.0	221.3	209.5	198.1
-77.5°	229.6	225.3	220.0	213.4	206.3	198.5	190.2	181.7	173.3	164.4	155.1
-80°	170.3	167.1	163.5	158.5	152.8	146.5	139.7	133.3	126.5	120.2	114.2
-82.5°	116.1	115.0	113.5	109.2	104.9	100.5	96.2	92.4	88.3	84.1	79.6
-85°	65.2	65.0	64.6	62.7	60.6	58.4	56.0	53.4	50.7	47.9	44.9
-87.5°	23.1	22.7	22.3	21.8	21.3	20.7	20.1	19.5	18.8	18.1	17.4
-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: P627825 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	16.6	15.8	15.0	14.1	13.2	12.3	11.4	10.4	9.4	8.4	7.4
85°	41.8	38.6	35.3	31.8	28.2	24.6	22.7	20.8	18.8	16.8	14.8
82.5°	75.0	70.1	65.1	59.9	54.5	49.0	43.4	37.6	31.5	25.7	22.1
80°	108.0	101.5	94.8	88.0	81.0	73.4	65.9	58.1	49.5	41.2	33.4
77.5°	145.3	135.2	124.8	116.1	108.1	99.3	89.8	79.0	67.3	56.6	46.5
75°	186.3	174.1	161.5	149.1	137.2	125.3	114.3	101.7	87.0	72.1	59.4
72.5°	228.5	214.5	199.2	183.6	169.5	155.0	140.2	124.2	107.3	90.2	72.9
70°	273.2	255.8	238.7	221.1	203.0	184.8	167.6	148.3	127.4	108.1	88.6
67.5°	319.4	298.8	278.4	258.4	237.8	216.7	195.1	172.6	149.3	125.7	104.0
65°	366.8	342.4	317.5	295.2	272.2	248.6	224.5	197.1	170.9	145.0	119.2
62.5°	415.1	386.8	359.2	332.1	306.1	280.0	253.0	222.3	192.3	163.8	135.2
60°	463.7	431.1	400.1	369.8	340.0	310.9	280.4	246.8	214.0	182.3	151.4
57.5°	510.2	474.4	439.1	406.0	373.6	341.4	307.2	271.0	235.0	200.6	167.2
55°	555.5	518.8	477.4	439.8	405.3	371.0	333.2	294.7	255.6	218.4	182.5
52.5°	595.3	558.8	515.9	472.9	434.3	398.4	357.9	317.7	276.3	235.4	197.4
50°	631.4	594.5	551.4	506.0	462.1	422.3	381.5	339.1	296.4	252.2	211.8
47.5°	662.6	627.2	584.7	537.2	490.3	445.3	402.9	359.3	315.7	269.4	225.7
45°	690.9	658.7	616.5	567.9	516.5	468.6	423.1	378.4	332.8	286.0	239.1
42.5°	717.2	686.0	647.4	597.8	543.0	491.1	442.4	395.9	348.8	301.7	252.4
40°	741.1	709.8	676.3	625.8	568.2	512.1	461.4	412.5	363.9	316.1	265.3
37.5°	764.7	732.4	697.6	651.9	591.8	533.5	479.1	428.2	378.4	328.9	277.4
35°	788.9	754.3	716.4	672.4	614.4	553.2	495.4	442.9	392.1	341.0	288.7
32.5°	812.2	774.0	733.5	689.8	635.4	571.2	511.2	457.3	404.9	352.3	299.1
30°	835.0	790.1	748.7	707.5	653.7	588.7	526.8	470.6	416.8	362.8	308.6
27.5°	852.3	804.2	762.1	721.4	669.1	605.0	541.9	482.9	427.7	372.4	317.0
25°	868.0	817.8	773.6	732.5	684.3	621.8	555.7	494.1	437.7	381.2	324.6
22.5°	883.6	829.6	783.2	741.9	698.6	636.9	568.7	505.3	446.7	389.1	331.5
20°	897.1	839.0	791.1	750.5	708.2	648.7	581.0	515.3	454.7	396.2	337.6
17.5°	908.7	848.7	799.5	757.6	714.8	658.7	591.7	524.0	461.6	402.3	342.9
15°	920.4	858.7	806.6	763.0	720.6	666.9	600.8	531.4	467.5	407.4	347.8
12.5°	930.4	866.2	812.1	767.0	725.4	673.3	608.4	537.5	472.3	412.3	352.4
10°	938.3	871.1	816.0	769.4	729.1	677.9	614.3	543.1	478.1	416.6	356.2
7.5°	943.8	873.5	818.2	770.4	731.8	682.0	620.0	549.3	483.1	420.0	359.1
5°	947.6	874.6	819.7	772.7	733.3	685.9	624.2	554.2	487.2	422.4	361.2
2.5°	952.0	875.0	819.7	774.5	733.3	688.2	626.6	557.7	490.2	423.9	362.5
0°	953.5	873.5	818.1	775.1	732.0	689.0	627.4	559.8	492.1	424.4	362.9
-2.5°	952.0	875.0	819.7	774.5	733.3	688.2	626.6	557.7	490.2	423.9	362.5
-5°	947.6	874.6	819.7	772.7	733.3	685.9	624.2	554.2	487.2	422.4	361.2
-7.5°	943.8	873.5	818.2	770.4	731.8	682.0	620.0	549.3	483.1	420.0	359.1
-10°	938.3	871.1	816.0	769.4	729.1	677.9	614.3	543.1	478.1	416.6	356.2
-12.5°	930.4	866.2	812.1	767.0	725.4	673.3	608.4	537.5	472.3	412.3	352.4
-15°	920.4	858.7	806.6	763.0	720.6	666.9	600.8	531.4	467.5	407.4	347.8
-17.5°	908.7	848.7	799.5	757.6	714.8	658.7	591.7	524.0	461.6	402.3	342.9
-20°	897.1	839.0	791.1	750.5	708.2	648.7	581.0	515.3	454.7	396.2	337.6

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P627825 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	883.6	829.6	783.2	741.9	698.6	636.9	568.7	505.3	446.7	389.1	331.5
-25°	868.0	817.8	773.6	732.5	684.3	621.8	555.7	494.1	437.7	381.2	324.6
-27.5°	852.3	804.2	762.1	721.4	669.1	605.0	541.9	482.9	427.7	372.4	317.0
-30°	835.0	790.1	748.7	707.5	653.7	588.7	526.8	470.6	416.8	362.8	308.6
-32.5°	812.2	774.0	733.5	689.8	635.4	571.2	511.2	457.3	404.9	352.3	299.1
-35°	788.9	754.3	716.4	672.4	614.4	553.2	495.4	442.9	392.1	341.0	288.7
-37.5°	764.7	732.4	697.6	651.9	591.8	533.5	479.1	428.2	378.4	328.9	277.4
-40°	741.1	709.8	676.3	625.8	568.2	512.1	461.4	412.5	363.9	316.1	265.3
-42.5°	717.2	686.0	647.4	597.8	543.0	491.1	442.4	395.9	348.8	301.7	252.4
-45°	690.9	658.7	616.5	567.9	516.5	468.6	423.1	378.4	332.8	286.0	239.1
-47.5°	662.6	627.2	584.7	537.2	490.3	445.3	402.9	359.3	315.7	269.4	225.7
-50°	631.4	594.5	551.4	506.0	462.1	422.3	381.5	339.1	296.4	252.2	211.8
-52.5°	595.3	558.8	515.9	472.9	434.3	398.4	357.9	317.7	276.3	235.4	197.4
-55°	555.5	518.8	477.4	439.8	405.3	371.0	333.2	294.7	255.6	218.4	182.5
-57.5°	510.2	474.4	439.1	406.0	373.6	341.4	307.2	271.0	235.0	200.6	167.2
-60°	463.7	431.1	400.1	369.8	340.0	310.9	280.4	246.8	214.0	182.3	151.4
-62.5°	415.1	386.8	359.2	332.1	306.1	280.0	253.0	222.3	192.3	163.8	135.2
-65°	366.8	342.4	317.5	295.2	272.2	248.6	224.5	197.1	170.9	145.0	119.2
-67.5°	319.4	298.8	278.4	258.4	237.8	216.7	195.1	172.6	149.3	125.7	104.0
-70°	273.2	255.8	238.7	221.1	203.0	184.8	167.6	148.3	127.4	108.1	88.6
-72.5°	228.5	214.5	199.2	183.6	169.5	155.0	140.2	124.2	107.3	90.2	72.9
-75°	186.3	174.1	161.5	149.1	137.2	125.3	114.3	101.7	87.0	72.1	59.4
-77.5°	145.3	135.2	124.8	116.1	108.1	99.3	89.8	79.0	67.3	56.6	46.5
-80°	108.0	101.5	94.8	88.0	81.0	73.4	65.9	58.1	49.5	41.2	33.4
-82.5°	75.0	70.1	65.1	59.9	54.5	49.0	43.4	37.6	31.5	25.7	22.1
-85°	41.8	38.6	35.3	31.8	28.2	24.6	22.7	20.8	18.8	16.8	14.8
-87.5°	16.6	15.8	15.0	14.1	13.2	12.3	11.4	10.4	9.4	8.4	7.4
-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: P627825 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.4	5.3	4.3	3.2	2.1	1.1	0.0
85°	12.7	10.6	8.5	6.4	4.3	2.1	0.0
82.5°	19.0	15.9	12.8	9.6	6.4	3.2	0.0
80°	25.9	21.2	17.0	12.8	8.5	4.3	0.0
77.5°	36.9	27.8	21.2	15.9	10.6	5.3	0.0
75°	47.7	36.9	25.9	19.0	12.7	6.4	0.0
72.5°	58.5	45.8	33.1	22.1	14.8	7.4	0.0
70°	69.4	54.7	40.2	25.6	16.8	8.4	0.0
67.5°	82.8	63.4	47.2	30.9	18.8	9.4	0.0
65°	96.0	73.2	54.1	36.0	20.8	10.4	0.0
62.5°	108.9	84.0	60.8	41.1	22.7	11.4	0.0
60°	121.6	94.5	67.4	46.0	24.6	12.3	0.0
57.5°	134.9	104.8	75.5	50.8	27.8	13.2	0.0
55°	147.9	114.8	83.5	55.5	30.9	14.1	0.0
52.5°	160.4	124.7	91.3	60.1	33.9	15.0	0.0
50°	172.4	134.6	98.9	64.5	36.9	15.8	0.0
47.5°	183.9	144.1	106.1	69.0	39.7	16.6	0.0
45°	195.3	153.1	113.1	74.2	42.4	17.4	0.0
42.5°	206.2	161.7	119.8	79.3	45.0	18.1	0.0
40°	216.7	169.8	126.2	84.0	47.5	18.8	0.0
37.5°	226.5	177.5	132.4	88.4	49.9	19.5	0.0
35°	235.8	185.0	138.1	92.5	52.1	20.1	0.0
32.5°	244.6	192.2	143.5	96.3	54.2	20.7	0.0
30°	253.0	199.0	148.5	99.8	56.1	21.3	0.0
27.5°	260.6	205.2	153.0	102.9	57.9	21.8	0.0
25°	267.4	210.9	157.1	105.8	59.6	22.3	0.0
22.5°	273.5	216.0	161.0	108.3	61.1	22.7	0.0
20°	278.9	220.5	164.5	110.5	62.5	23.1	0.0
17.5°	283.8	224.3	167.6	112.4	63.7	23.5	0.0
15°	288.3	227.5	170.4	114.0	64.8	23.8	0.0
12.5°	292.2	230.1	172.8	115.2	65.7	24.0	0.0
10°	295.4	232.0	174.8	116.2	66.4	24.2	0.0
7.5°	298.0	233.3	176.3	116.8	67.0	24.4	0.0
5°	299.9	234.1	177.5	117.1	67.4	24.5	0.0
2.5°	301.0	234.2	178.2	117.2	67.6	24.6	0.0
0°	301.4	233.8	178.4	116.9	67.7	24.6	0.0
-2.5°	301.0	234.2	178.2	117.2	67.6	24.6	0.0
-5°	299.9	234.1	177.5	117.1	67.4	24.5	0.0
-7.5°	298.0	233.3	176.3	116.8	67.0	24.4	0.0
-10°	295.4	232.0	174.8	116.2	66.4	24.2	0.0
-12.5°	292.2	230.1	172.8	115.2	65.7	24.0	0.0
-15°	288.3	227.5	170.4	114.0	64.8	23.8	0.0
-17.5°	283.8	224.3	167.6	112.4	63.7	23.5	0.0
-20°	278.9	220.5	164.5	110.5	62.5	23.1	0.0

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REPORT NUMBER: P627825 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	273.5	216.0	161.0	108.3	61.1	22.7	0.0
-25°	267.4	210.9	157.1	105.8	59.6	22.3	0.0
-27.5°	260.6	205.2	153.0	102.9	57.9	21.8	0.0
-30°	253.0	199.0	148.5	99.8	56.1	21.3	0.0
-32.5°	244.6	192.2	143.5	96.3	54.2	20.7	0.0
-35°	235.8	185.0	138.1	92.5	52.1	20.1	0.0
-37.5°	226.5	177.5	132.4	88.4	49.9	19.5	0.0
-40°	216.7	169.8	126.2	84.0	47.5	18.8	0.0
-42.5°	206.2	161.7	119.8	79.3	45.0	18.1	0.0
-45°	195.3	153.1	113.1	74.2	42.4	17.4	0.0
-47.5°	183.9	144.1	106.1	69.0	39.7	16.6	0.0
-50°	172.4	134.6	98.9	64.5	36.9	15.8	0.0
-52.5°	160.4	124.7	91.3	60.1	33.9	15.0	0.0
-55°	147.9	114.8	83.5	55.5	30.9	14.1	0.0
-57.5°	134.9	104.8	75.5	50.8	27.8	13.2	0.0
-60°	121.6	94.5	67.4	46.0	24.6	12.3	0.0
-62.5°	108.9	84.0	60.8	41.1	22.7	11.4	0.0
-65°	96.0	73.2	54.1	36.0	20.8	10.4	0.0
-67.5°	82.8	63.4	47.2	30.9	18.8	9.4	0.0
-70°	69.4	54.7	40.2	25.6	16.8	8.4	0.0
-72.5°	58.5	45.8	33.1	22.1	14.8	7.4	0.0
-75°	47.7	36.9	25.9	19.0	12.7	6.4	0.0
-77.5°	36.9	27.8	21.2	15.9	10.6	5.3	0.0
-80°	25.9	21.2	17.0	12.8	8.5	4.3	0.0
-82.5°	19.0	15.9	12.8	9.6	6.4	3.2	0.0
-85°	12.7	10.6	8.5	6.4	4.3	2.1	0.0
-87.5°	6.4	5.3	4.3	3.2	2.1	1.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)