

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: P627529 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4E-740-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
 Report Number: P627529 (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-SA4E-740-U-NR-XX
 Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N100
 Light Source: (64) 4000K CCT, 70 CRI LEDS
 Ballast/Driver: -

Summary

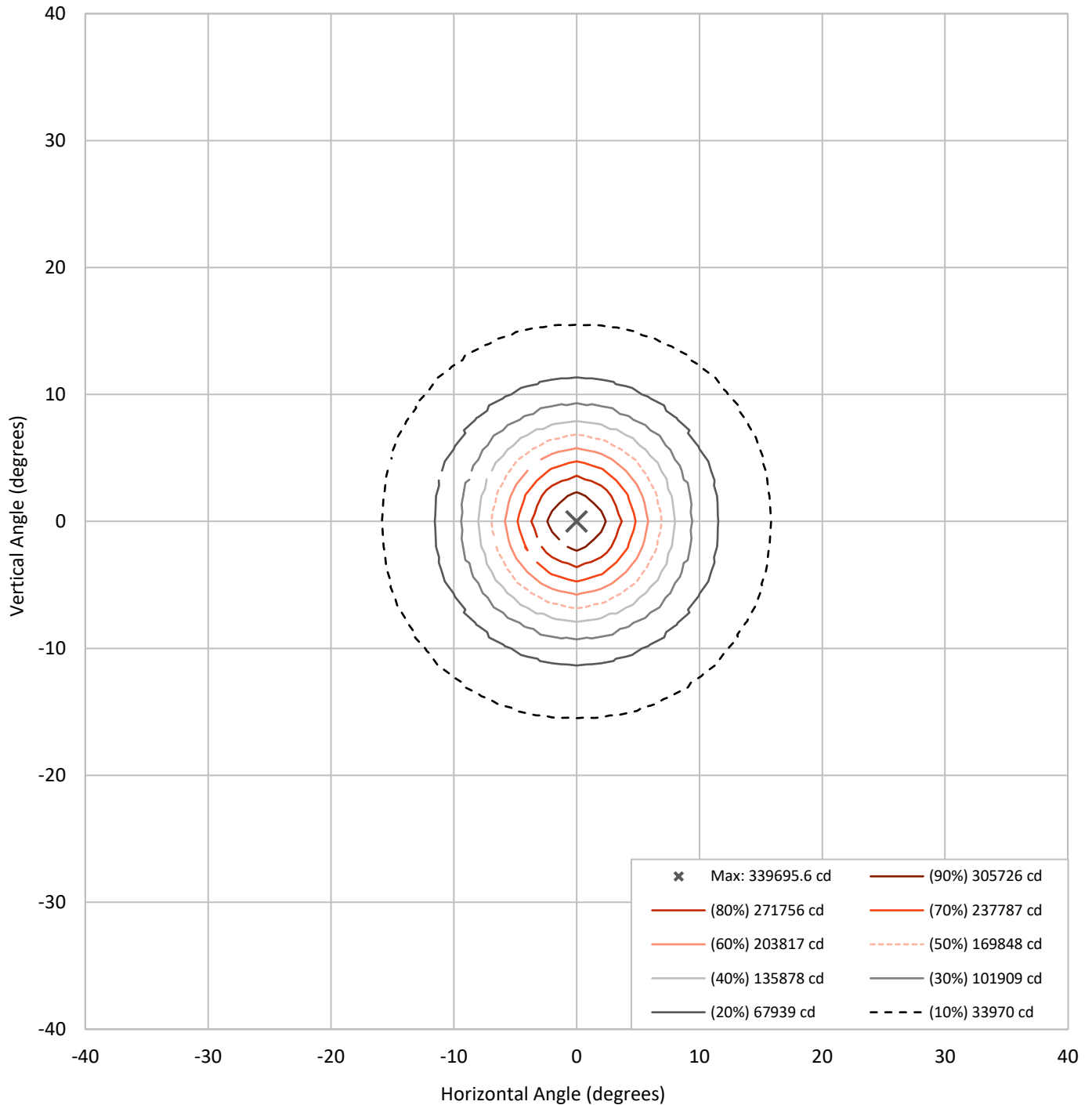
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	36070.7 lumens	Max Intensity:	339695.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	141.0 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	10664.5 lumens	Field Lumens:	23999.5 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%

Input Watts (W): 255.9
 Input Voltage (V): 120
 Input Current (A_{in}): 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



REPORT NUMBER: P627529 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





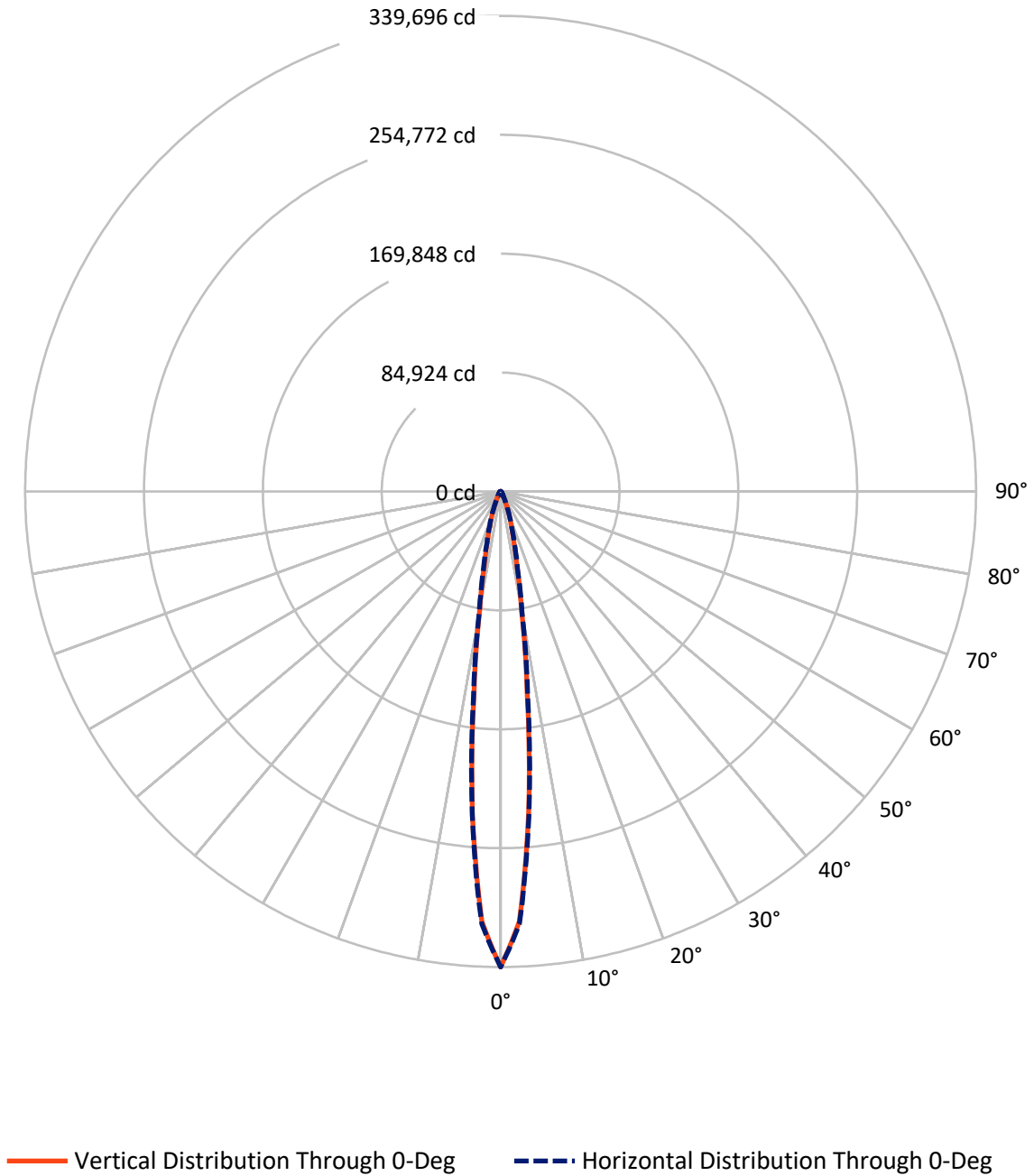
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Lumen Table

90	0.6	4.9	13.0	21.0	22.9	21.0	13.0	4.9	0.6										
80	0.6	4.9	13.0	21.0	22.9	21.0	13.0	4.9	0.6										
70	2.2	2.5	5.2	8.5	12.1	14.8	16.7	17.4	17.4	16.7	14.8	12.1	8.5	5.2	2.5	2.2			
60		3.8	7.8	12.7	17.0	20.8	23.3	24.3	24.3	23.3	20.8	17.0	12.7	7.8	3.8				
50	3.9	5.0	10.1	15.7	20.8	26.2	30.9	33.3	33.3	30.9	26.2	20.8	15.7	10.1	5.0	3.9			
40		6.0	11.9	18.1	25.6	36.9	52.0	64.4	64.4	52.0	36.9	25.6	18.1	11.9	6.0				
30	5.1	6.8	13.0	20.4	33.2	65.9	150.1	248.4	248.4	150.1	65.9	33.2	20.4	13.0	6.8	5.1			
20		7.3	13.7	22.5	44.1	139.9	496.9	1070.3	1070.3	496.9	139.9	44.1	22.5	13.7	7.3				
10	5.5	7.6	14.0	23.9	53.3	230.6	1080.3	4666.6	4666.6	1080.3	230.6	53.3	23.9	14.0	7.6	5.5			
0		7.6	14.0	23.9	53.3	230.6	1080.3	4666.6	4666.6	1080.3	230.6	53.3	23.9	14.0	7.6				
-10	5.1	7.3	13.7	22.5	44.1	139.9	496.9	1070.3	1070.3	496.9	139.9	44.1	22.5	13.7	7.3	5.1			
-20		6.8	13.0	20.4	33.2	65.9	150.1	248.4	248.4	150.1	65.9	33.2	20.4	13.0	6.8				
-30	3.9	6.0	11.9	18.1	25.6	36.9	52.0	64.4	64.4	52.0	36.9	25.6	18.1	11.9	6.0	3.9			
-40		5.0	10.1	15.7	20.8	26.2	30.9	33.3	33.3	30.9	26.2	20.8	15.7	10.1	5.0				
-50	2.2	3.8	7.8	12.7	17.0	20.8	23.3	24.3	24.3	23.3	20.8	17.0	12.7	7.8	3.8	2.2			
-60		2.5	5.2	8.5	12.1	14.8	16.7	17.4	17.4	16.7	14.8	12.1	8.5	5.2	2.5				
-70	0.6	4.9	13.0	21.0	22.9	21.0	13.0	4.9	0.6										
-80		0.6	4.9	13.0	21.0	22.9	21.0	13.0	4.9	0.6									
-90	0.6	4.9	13.0	21.0	22.9	21.0	13.0	4.9	0.6										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

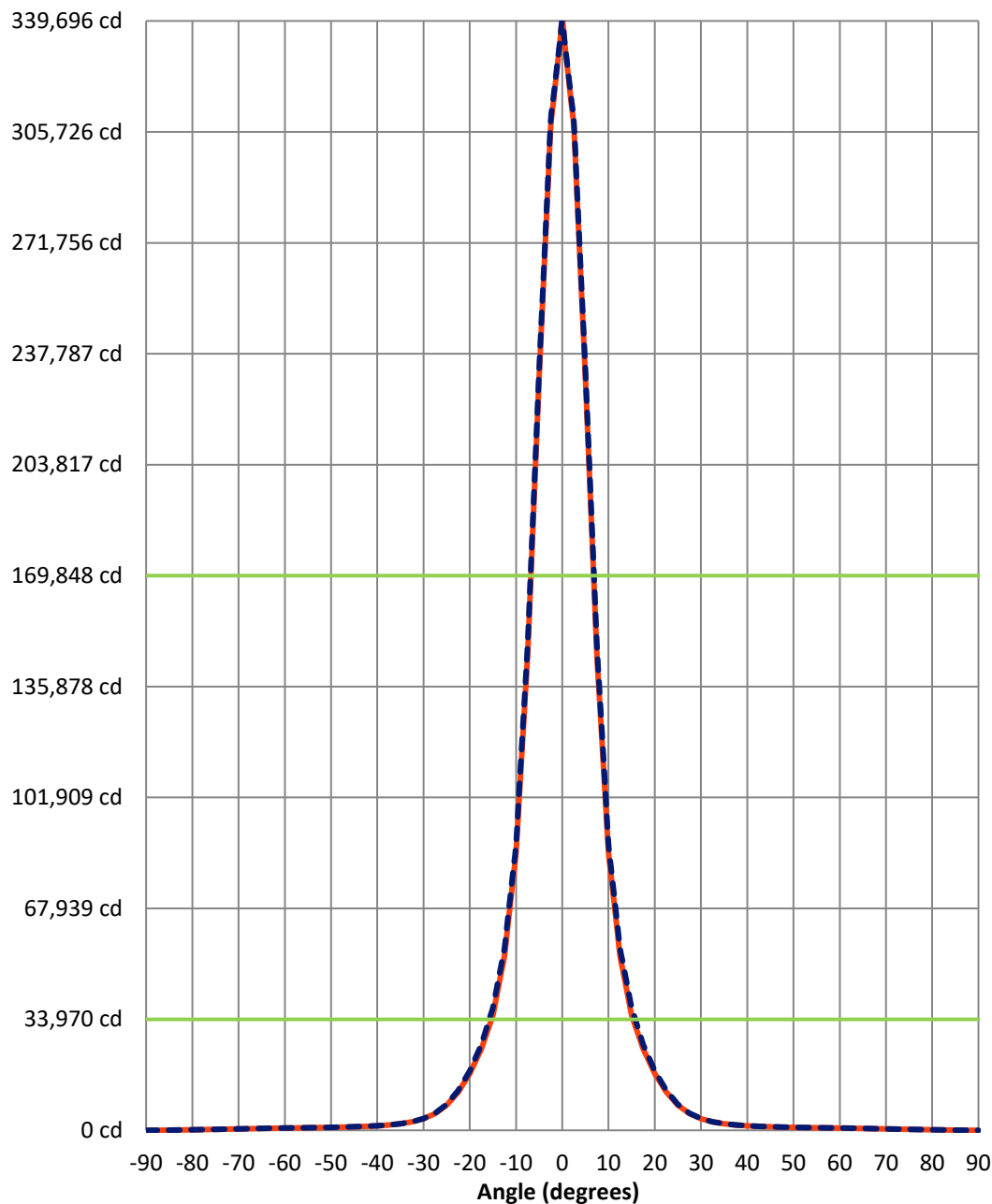
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 10664.5
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 23999.5
 Efficiency: 66.5%

Spill:
 Lumens: 12071.2
 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	1.1	2.5	3.8	5.1	6.3	7.5	8.7	9.9	11.1	12.3
85°	0.0	2.2	5.1	7.6	10.1	12.6	15.0	17.5	19.9	22.2	24.6
82.5°	0.0	3.3	7.6	11.4	15.1	18.8	22.5	26.2	30.1	35.4	40.7
80°	0.0	4.4	10.1	15.1	20.1	25.1	30.4	37.7	44.9	52.0	59.0
77.5°	0.0	5.5	12.5	18.8	25.1	32.2	41.5	50.6	59.6	68.4	77.9
75°	0.0	6.6	14.9	22.5	30.3	40.9	52.3	63.4	74.4	86.7	98.9
72.5°	0.0	7.6	17.3	26.2	36.9	49.5	63.0	76.6	91.2	105.5	119.7
70°	0.0	8.6	19.6	30.0	43.4	58.0	73.8	91.2	107.8	124.2	142.6
67.5°	0.0	9.6	21.8	34.6	49.8	66.2	85.9	105.5	124.2	145.2	165.8
65°	0.0	10.6	24.0	39.1	56.0	75.2	97.9	119.7	142.6	165.8	190.2
62.5°	0.0	11.6	26.1	43.5	62.0	85.0	109.6	134.9	160.7	186.9	217.5
60°	0.0	12.5	28.1	47.7	67.9	94.5	121.0	150.5	178.4	210.4	244.0
57.5°	0.0	13.4	30.7	51.8	75.2	103.7	133.6	165.5	197.8	233.2	269.7
55°	0.0	14.2	33.3	55.8	82.4	112.8	146.0	180.0	217.0	255.1	294.4
52.5°	0.0	15.0	35.8	59.6	89.4	121.7	158.0	195.7	235.5	276.2	318.1
50°	0.0	15.8	38.2	63.3	96.1	131.4	169.6	211.0	253.2	296.3	340.9
47.5°	0.0	16.5	40.6	67.1	102.6	140.7	181.0	225.7	270.0	315.4	363.2
45°	0.0	17.2	42.9	71.8	108.8	149.7	193.2	239.9	286.3	335.0	384.9
42.5°	0.0	17.9	45.1	76.2	114.8	158.2	204.8	253.4	301.8	354.0	406.1
40°	0.0	18.5	47.2	80.5	120.8	166.3	215.8	266.3	317.1	372.4	426.7
37.5°	0.0	19.1	49.2	84.7	127.0	174.0	226.3	278.6	332.3	389.5	446.7
35°	0.0	19.6	51.2	88.7	132.8	181.9	236.1	290.1	346.4	405.7	465.9
32.5°	0.0	20.0	53.0	92.4	138.2	189.6	245.4	301.0	359.5	420.9	482.6
30°	0.0	20.5	54.7	95.8	143.2	196.7	254.0	311.2	371.4	434.9	497.8
27.5°	0.0	20.8	56.4	99.1	148.1	203.3	261.9	320.8	382.5	447.9	511.4
25°	0.0	21.2	57.9	102.0	152.7	209.3	269.2	329.6	392.9	459.3	523.5
22.5°	0.0	21.4	59.3	104.7	156.8	214.8	275.8	337.3	402.2	469.1	534.0
20°	0.0	21.7	60.5	107.1	160.5	219.5	281.7	344.1	410.6	477.6	543.4
17.5°	0.0	21.8	61.6	109.3	163.8	223.5	286.5	349.8	417.8	484.7	551.8
15°	0.0	22.0	62.6	111.2	166.7	226.8	290.5	355.0	423.9	490.5	559.1
12.5°	0.0	22.1	63.5	112.8	169.1	229.4	293.7	359.7	429.0	495.0	565.1
10°	0.0	22.1	64.2	114.1	171.1	231.4	296.2	363.7	433.0	499.9	570.9
7.5°	0.0	22.1	64.8	115.1	172.7	232.7	297.9	366.9	435.7	504.0	577.6
5°	0.0	22.0	65.2	115.8	173.8	233.4	298.8	369.3	437.2	507.0	583.0
2.5°	0.0	21.9	65.4	116.3	174.5	233.4	299.0	370.7	437.5	508.9	587.0
0°	0.0	21.8	65.5	116.4	174.7	232.9	298.4	371.2	436.7	509.5	589.5
-2.5°	0.0	21.9	65.4	116.3	174.5	233.4	299.0	370.7	437.5	508.9	587.0
-5°	0.0	22.0	65.2	115.8	173.8	233.4	298.8	369.3	437.2	507.0	583.0
-7.5°	0.0	22.1	64.8	115.1	172.7	232.7	297.9	366.9	435.7	504.0	577.6
-10°	0.0	22.1	64.2	114.1	171.1	231.4	296.2	363.7	433.0	499.9	570.9
-12.5°	0.0	22.1	63.5	112.8	169.1	229.4	293.7	359.7	429.0	495.0	565.1
-15°	0.0	22.0	62.6	111.2	166.7	226.8	290.5	355.0	423.9	490.5	559.1
-17.5°	0.0	21.8	61.6	109.3	163.8	223.5	286.5	349.8	417.8	484.7	551.8
-20°	0.0	21.7	60.5	107.1	160.5	219.5	281.7	344.1	410.6	477.6	543.4

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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	21.4	59.3	104.7	156.8	214.8	275.8	337.3	402.2	469.1	534.0
-25°	0.0	21.2	57.9	102.0	152.7	209.3	269.2	329.6	392.9	459.3	523.5
-27.5°	0.0	20.8	56.4	99.1	148.1	203.3	261.9	320.8	382.5	447.9	511.4
-30°	0.0	20.5	54.7	95.8	143.2	196.7	254.0	311.2	371.4	434.9	497.8
-32.5°	0.0	20.0	53.0	92.4	138.2	189.6	245.4	301.0	359.5	420.9	482.6
-35°	0.0	19.6	51.2	88.7	132.8	181.9	236.1	290.1	346.4	405.7	465.9
-37.5°	0.0	19.1	49.2	84.7	127.0	174.0	226.3	278.6	332.3	389.5	446.7
-40°	0.0	18.5	47.2	80.5	120.8	166.3	215.8	266.3	317.1	372.4	426.7
-42.5°	0.0	17.9	45.1	76.2	114.8	158.2	204.8	253.4	301.8	354.0	406.1
-45°	0.0	17.2	42.9	71.8	108.8	149.7	193.2	239.9	286.3	335.0	384.9
-47.5°	0.0	16.5	40.6	67.1	102.6	140.7	181.0	225.7	270.0	315.4	363.2
-50°	0.0	15.8	38.2	63.3	96.1	131.4	169.6	211.0	253.2	296.3	340.9
-52.5°	0.0	15.0	35.8	59.6	89.4	121.7	158.0	195.7	235.5	276.2	318.1
-55°	0.0	14.2	33.3	55.8	82.4	112.8	146.0	180.0	217.0	255.1	294.4
-57.5°	0.0	13.4	30.7	51.8	75.2	103.7	133.6	165.5	197.8	233.2	269.7
-60°	0.0	12.5	28.1	47.7	67.9	94.5	121.0	150.5	178.4	210.4	244.0
-62.5°	0.0	11.6	26.1	43.5	62.0	85.0	109.6	134.9	160.7	186.9	217.5
-65°	0.0	10.6	24.0	39.1	56.0	75.2	97.9	119.7	142.6	165.8	190.2
-67.5°	0.0	9.6	21.8	34.6	49.8	66.2	85.9	105.5	124.2	145.2	165.8
-70°	0.0	8.6	19.6	30.0	43.4	58.0	73.8	91.2	107.8	124.2	142.6
-72.5°	0.0	7.6	17.3	26.2	36.9	49.5	63.0	76.6	91.2	105.5	119.7
-75°	0.0	6.6	14.9	22.5	30.3	40.9	52.3	63.4	74.4	86.7	98.9
-77.5°	0.0	5.5	12.5	18.8	25.1	32.2	41.5	50.6	59.6	68.4	77.9
-80°	0.0	4.4	10.1	15.1	20.1	25.1	30.4	37.7	44.9	52.0	59.0
-82.5°	0.0	3.3	7.6	11.4	15.1	18.8	22.5	26.2	30.1	35.4	40.7
-85°	0.0	2.2	5.1	7.6	10.1	12.6	15.0	17.5	19.9	22.2	24.6
-87.5°	0.0	1.1	2.5	3.8	5.1	6.3	7.5	8.7	9.9	11.1	12.3
-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°	13.4	14.5	15.6	16.7	17.7	18.7	19.7	20.6	21.5	22.3	23.1
85°	26.8	29.1	32.3	35.5	38.2	40.5	42.5	44.2	47.2	50.3	53.6
82.5°	45.8	50.8	55.7	60.5	63.7	66.3	68.8	72.5	79.0	85.1	90.8
80°	65.8	72.5	80.0	87.4	93.7	100.0	106.6	113.4	120.4	127.1	133.5
77.5°	87.8	97.5	107.0	116.2	125.4	135.3	144.9	154.1	162.9	171.4	179.4
75°	110.7	122.4	135.2	147.9	160.2	172.1	183.8	196.3	208.2	219.6	230.4
72.5°	134.9	150.5	165.6	180.4	196.4	212.0	227.1	241.6	255.8	270.7	286.3
70°	160.7	178.4	198.1	217.0	234.9	253.5	272.2	288.2	303.5	323.9	344.9
67.5°	187.1	211.1	233.3	254.6	278.4	300.4	319.4	339.8	361.6	385.2	405.9
65°	218.3	244.3	270.2	297.1	324.6	347.4	371.3	396.6	421.3	444.8	467.3
62.5°	249.1	278.4	308.2	337.6	365.8	393.3	422.0	450.2	477.3	504.7	528.8
60°	278.7	312.0	343.5	374.2	406.2	440.3	472.2	503.3	535.8	566.8	583.0
57.5°	307.4	343.0	375.8	410.3	447.8	486.4	519.8	555.1	583.0	604.5	625.5
55°	334.3	371.3	407.3	446.1	486.9	526.9	564.1	595.6	621.3	641.0	663.3
52.5°	359.5	398.5	437.7	480.1	523.3	566.0	605.0	634.5	657.6	677.8	698.7
50°	384.3	425.3	466.7	513.1	559.5	604.9	643.0	670.0	691.9	712.6	734.0
47.5°	408.6	451.6	496.2	545.7	595.9	639.8	675.9	700.6	722.7	747.0	770.5
45°	432.5	479.0	526.3	579.4	629.9	672.1	702.8	727.6	754.9	781.1	806.3
42.5°	455.8	506.0	557.3	612.3	661.1	699.1	727.8	757.1	786.5	814.4	842.8
40°	479.3	531.9	586.3	641.0	690.0	722.9	753.4	784.9	817.2	847.6	879.0
37.5°	501.9	556.3	612.3	667.6	712.2	745.5	777.1	811.9	845.9	879.1	920.1
35°	523.3	578.5	635.0	688.5	731.5	765.9	801.2	837.8	873.5	916.4	963.2
32.5°	542.4	598.5	655.7	705.5	747.6	784.8	824.3	862.5	905.5	954.0	1010.1
30°	558.6	615.9	673.3	722.0	763.1	802.4	845.3	887.4	937.7	996.1	1062.8
27.5°	572.8	631.5	687.4	736.1	777.9	817.0	862.2	915.4	973.1	1038.6	1116.9
25°	586.0	647.4	700.6	749.0	789.7	830.6	878.9	937.8	1007.2	1086.1	1182.0
22.5°	598.5	662.6	714.1	761.3	799.0	843.2	897.6	961.6	1037.1	1129.5	1246.2
20°	610.4	673.9	724.9	770.9	805.9	854.1	914.0	982.4	1068.2	1178.4	1313.4
17.5°	621.5	683.6	733.3	776.6	815.0	865.7	928.5	999.4	1095.2	1222.8	1375.1
15°	631.5	691.8	740.1	781.3	823.1	877.9	943.7	1020.4	1125.0	1265.0	1429.7
12.5°	640.3	698.4	745.3	784.8	829.6	887.9	957.1	1042.2	1157.1	1306.6	1499.0
10°	647.9	703.4	748.9	787.3	834.5	895.5	968.3	1060.0	1182.7	1338.8	1552.4
7.5°	654.3	707.4	751.5	788.6	837.7	900.9	977.0	1073.6	1200.6	1361.7	1590.9
5°	658.8	710.6	754.5	793.1	842.6	905.1	983.4	1082.9	1211.1	1375.4	1614.8
2.5°	661.5	712.6	756.3	797.4	847.9	908.7	988.2	1093.1	1219.7	1388.6	1633.1
0°	662.3	713.2	756.9	800.6	851.5	909.8	989.8	1099.0	1222.7	1397.4	1644.8
-2.5°	661.5	712.6	756.3	797.4	847.9	908.7	988.2	1093.1	1219.7	1388.6	1633.1
-5°	658.8	710.6	754.5	793.1	842.6	905.1	983.4	1082.9	1211.1	1375.4	1614.8
-7.5°	654.3	707.4	751.5	788.6	837.7	900.9	977.0	1073.6	1200.6	1361.7	1590.9
-10°	647.9	703.4	748.9	787.3	834.5	895.5	968.3	1060.0	1182.7	1338.8	1552.4
-12.5°	640.3	698.4	745.3	784.8	829.6	887.9	957.1	1042.2	1157.1	1306.6	1499.0
-15°	631.5	691.8	740.1	781.3	823.1	877.9	943.7	1020.4	1125.0	1265.0	1429.7
-17.5°	621.5	683.6	733.3	776.6	815.0	865.7	928.5	999.4	1095.2	1222.8	1375.1
-20°	610.4	673.9	724.9	770.9	805.9	854.1	914.0	982.4	1068.2	1178.4	1313.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627529 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-740-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°	598.5	662.6	714.1	761.3	799.0	843.2	897.6	961.6	1037.1	1129.5	1246.2
-25°	586.0	647.4	700.6	749.0	789.7	830.6	878.9	937.8	1007.2	1086.1	1182.0
-27.5°	572.8	631.5	687.4	736.1	777.9	817.0	862.2	915.4	973.1	1038.6	1116.9
-30°	558.6	615.9	673.3	722.0	763.1	802.4	845.3	887.4	937.7	996.1	1062.8
-32.5°	542.4	598.5	655.7	705.5	747.6	784.8	824.3	862.5	905.5	954.0	1010.1
-35°	523.3	578.5	635.0	688.5	731.5	765.9	801.2	837.8	873.5	916.4	963.2
-37.5°	501.9	556.3	612.3	667.6	712.2	745.5	777.1	811.9	845.9	879.1	920.1
-40°	479.3	531.9	586.3	641.0	690.0	722.9	753.4	784.9	817.2	847.6	879.0
-42.5°	455.8	506.0	557.3	612.3	661.1	699.1	727.8	757.1	786.5	814.4	842.8
-45°	432.5	479.0	526.3	579.4	629.9	672.1	702.8	727.6	754.9	781.1	806.3
-47.5°	408.6	451.6	496.2	545.7	595.9	639.8	675.9	700.6	722.7	747.0	770.5
-50°	384.3	425.3	466.7	513.1	559.5	604.9	643.0	670.0	691.9	712.6	734.0
-52.5°	359.5	398.5	437.7	480.1	523.3	566.0	605.0	634.5	657.6	677.8	698.7
-55°	334.3	371.3	407.3	446.1	486.9	526.9	564.1	595.6	621.3	641.0	663.3
-57.5°	307.4	343.0	375.8	410.3	447.8	486.4	519.8	555.1	583.0	604.5	625.5
-60°	278.7	312.0	343.5	374.2	406.2	440.3	472.2	503.3	535.8	566.8	583.0
-62.5°	249.1	278.4	308.2	337.6	365.8	393.3	422.0	450.2	477.3	504.7	528.8
-65°	218.3	244.3	270.2	297.1	324.6	347.4	371.3	396.6	421.3	444.8	467.3
-67.5°	187.1	211.1	233.3	254.6	278.4	300.4	319.4	339.8	361.6	385.2	405.9
-70°	160.7	178.4	198.1	217.0	234.9	253.5	272.2	288.2	303.5	323.9	344.9
-72.5°	134.9	150.5	165.6	180.4	196.4	212.0	227.1	241.6	255.8	270.7	286.3
-75°	110.7	122.4	135.2	147.9	160.2	172.1	183.8	196.3	208.2	219.6	230.4
-77.5°	87.8	97.5	107.0	116.2	125.4	135.3	144.9	154.1	162.9	171.4	179.4
-80°	65.8	72.5	80.0	87.4	93.7	100.0	106.6	113.4	120.4	127.1	133.5
-82.5°	45.8	50.8	55.7	60.5	63.7	66.3	68.8	72.5	79.0	85.1	90.8
-85°	26.8	29.1	32.3	35.5	38.2	40.5	42.5	44.2	47.2	50.3	53.6
-87.5°	13.4	14.5	15.6	16.7	17.7	18.7	19.7	20.6	21.5	22.3	23.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627529 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-740-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°	23.8	24.5	25.2	25.8	26.4	26.9	27.3	27.8	28.1	26.6	25.1
85°	56.9	59.1	61.1	62.9	64.6	66.1	67.5	68.7	69.8	68.9	67.8
82.5°	95.9	99.7	103.1	106.4	109.3	112.0	114.4	116.6	118.5	118.3	117.8
80°	139.5	145.7	152.0	158.2	164.3	168.0	170.7	172.7	174.1	174.7	174.9
77.5°	187.6	197.2	207.3	217.2	226.8	232.4	236.4	239.7	242.4	242.9	242.4
75°	240.7	253.2	266.9	278.9	289.3	295.7	300.1	303.9	306.9	307.7	307.3
72.5°	302.5	317.8	330.2	340.3	349.1	356.0	361.5	366.2	370.1	371.7	372.0
70°	363.3	378.5	390.2	400.5	409.1	416.2	422.9	428.6	433.3	436.8	439.4
67.5°	424.9	442.3	454.3	463.6	470.9	478.4	487.3	494.9	501.4	505.7	507.9
65°	488.2	506.1	517.7	527.8	536.8	546.3	556.2	563.4	568.2	571.1	573.1
62.5°	549.4	566.1	580.7	594.2	607.2	618.0	624.8	630.8	636.0	640.4	643.7
60°	601.9	623.3	639.6	652.6	665.3	677.6	685.9	692.4	697.6	701.4	703.8
57.5°	646.9	668.5	687.8	700.4	714.2	728.9	738.5	744.1	749.2	753.5	755.6
55°	686.1	706.1	723.9	741.1	756.6	769.8	780.0	787.5	793.7	798.7	800.4
52.5°	721.4	743.3	764.1	782.4	797.6	810.2	820.3	829.5	836.6	841.4	843.6
50°	758.5	782.0	804.3	824.3	839.9	854.1	866.7	877.7	888.1	896.4	902.3
47.5°	795.0	820.1	844.6	866.6	885.4	905.9	924.3	939.9	955.1	967.4	976.0
45°	831.8	860.7	887.4	915.8	941.2	968.0	993.0	1014.5	1036.6	1053.3	1064.6
42.5°	872.6	905.5	937.7	973.1	1007.6	1042.6	1080.4	1114.2	1140.2	1164.7	1184.5
40°	916.4	954.0	996.1	1039.5	1090.4	1136.6	1187.4	1231.0	1270.4	1312.1	1345.3
37.5°	963.2	1010.1	1065.4	1123.4	1189.3	1252.5	1318.8	1384.0	1440.9	1508.0	1559.3
35°	1014.8	1077.5	1145.6	1224.0	1306.0	1396.5	1487.3	1592.1	1682.4	1781.6	1868.1
32.5°	1075.9	1150.7	1240.1	1343.5	1448.9	1586.3	1714.6	1881.6	2025.8	2183.4	2342.0
30°	1138.8	1236.6	1351.9	1482.2	1649.7	1838.6	2049.2	2297.5	2553.5	2801.1	3099.9
27.5°	1216.7	1334.7	1474.3	1664.7	1911.2	2166.5	2528.7	2901.4	3371.9	3761.1	4309.8
25°	1297.7	1436.5	1634.9	1893.9	2215.5	2658.7	3208.3	3803.9	4631.8	5359.1	6212.1
22.5°	1385.8	1573.2	1820.1	2139.7	2627.5	3307.8	4139.9	5261.2	6482.3	7778.7	9068.3
20°	1477.5	1704.3	2027.9	2491.2	3160.4	4081.8	5510.3	7241.4	8985.9	11124.9	13019.2
17.5°	1583.8	1872.5	2271.2	2850.6	3743.6	5155.0	7136.7	9553.5	12259.9	15335.5	18066.3
15°	1672.4	2016.6	2519.9	3330.4	4558.7	6371.2	8870.3	12194.9	16261.9	20392.5	24583.4
12.5°	1775.2	2173.4	2764.5	3730.9	5273.5	7682.4	11084.1	15292.1	20371.2	26100.8	32854.9
10°	1866.5	2327.3	3062.0	4258.2	6143.5	9049.9	13178.4	18240.8	24795.5	33038.9	43498.4
7.5°	1934.1	2449.8	3291.8	4659.7	6895.7	10364.6	15157.0	21469.9	29798.6	40684.0	55038.8
5°	1978.0	2538.4	3454.3	4969.4	7484.5	11343.1	16607.1	23760.1	33808.1	49203.6	73511.7
2.5°	2004.3	2590.9	3547.1	5151.1	7842.6	11991.4	17710.3	25491.8	36406.6	54468.7	85393.2
0°	2016.0	2605.5	3602.6	5247.5	7962.2	12241.7	18217.0	26281.0	37569.3	55698.9	87482.1
-2.5°	2004.3	2590.9	3547.1	5151.1	7842.6	11991.4	17710.3	25491.8	36406.6	54468.7	85393.2
-5°	1978.0	2538.4	3454.3	4969.4	7484.5	11343.1	16607.1	23760.1	33808.1	49203.6	73511.7
-7.5°	1934.1	2449.8	3291.8	4659.7	6895.7	10364.6	15157.0	21469.9	29798.6	40684.0	55038.8
-10°	1866.5	2327.3	3062.0	4258.2	6143.5	9049.9	13178.4	18240.8	24795.5	33038.9	43498.4
-12.5°	1775.2	2173.4	2764.5	3730.9	5273.5	7682.4	11084.1	15292.1	20371.2	26100.8	32854.9
-15°	1672.4	2016.6	2519.9	3330.4	4558.7	6371.2	8870.3	12194.9	16261.9	20392.5	24583.4
-17.5°	1583.8	1872.5	2271.2	2850.6	3743.6	5155.0	7136.7	9553.5	12259.9	15335.5	18066.3
-20°	1477.5	1704.3	2027.9	2491.2	3160.4	4081.8	5510.3	7241.4	8985.9	11124.9	13019.2



REPORT NUMBER: P627529 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1385.8	1573.2	1820.1	2139.7	2627.5	3307.8	4139.9	5261.2	6482.3	7778.7	9068.3
-25°	1297.7	1436.5	1634.9	1893.9	2215.5	2658.7	3208.3	3803.9	4631.8	5359.1	6212.1
-27.5°	1216.7	1334.7	1474.3	1664.7	1911.2	2166.5	2528.7	2901.4	3371.9	3761.1	4309.8
-30°	1138.8	1236.6	1351.9	1482.2	1649.7	1838.6	2049.2	2297.5	2553.5	2801.1	3099.9
-32.5°	1075.9	1150.7	1240.1	1343.5	1448.9	1586.3	1714.6	1881.6	2025.8	2183.4	2342.0
-35°	1014.8	1077.5	1145.6	1224.0	1306.0	1396.5	1487.3	1592.1	1682.4	1781.6	1868.1
-37.5°	963.2	1010.1	1065.4	1123.4	1189.3	1252.5	1318.8	1384.0	1440.9	1508.0	1559.3
-40°	916.4	954.0	996.1	1039.5	1090.4	1136.6	1187.4	1231.0	1270.4	1312.1	1345.3
-42.5°	872.6	905.5	937.7	973.1	1007.6	1042.6	1080.4	1114.2	1140.2	1164.7	1184.5
-45°	831.8	860.7	887.4	915.8	941.2	968.0	993.0	1014.5	1036.6	1053.3	1064.6
-47.5°	795.0	820.1	844.6	866.6	885.4	905.9	924.3	939.9	955.1	967.4	976.0
-50°	758.5	782.0	804.3	824.3	839.9	854.1	866.7	877.7	888.1	896.4	902.3
-52.5°	721.4	743.3	764.1	782.4	797.6	810.2	820.3	829.5	836.6	841.4	843.6
-55°	686.1	706.1	723.9	741.1	756.6	769.8	780.0	787.5	793.7	798.7	800.4
-57.5°	646.9	668.5	687.8	700.4	714.2	728.9	738.5	744.1	749.2	753.5	755.6
-60°	601.9	623.3	639.6	652.6	665.3	677.6	685.9	692.4	697.6	701.4	703.8
-62.5°	549.4	566.1	580.7	594.2	607.2	618.0	624.8	630.8	636.0	640.4	643.7
-65°	488.2	506.1	517.7	527.8	536.8	546.3	556.2	563.4	568.2	571.1	573.1
-67.5°	424.9	442.3	454.3	463.6	470.9	478.4	487.3	494.9	501.4	505.7	507.9
-70°	363.3	378.5	390.2	400.5	409.1	416.2	422.9	428.6	433.3	436.8	439.4
-72.5°	302.5	317.8	330.2	340.3	349.1	356.0	361.5	366.2	370.1	371.7	372.0
-75°	240.7	253.2	266.9	278.9	289.3	295.7	300.1	303.9	306.9	307.7	307.3
-77.5°	187.6	197.2	207.3	217.2	226.8	232.4	236.4	239.7	242.4	242.9	242.4
-80°	139.5	145.7	152.0	158.2	164.3	168.0	170.7	172.7	174.1	174.7	174.9
-82.5°	95.9	99.7	103.1	106.4	109.3	112.0	114.4	116.6	118.5	118.3	117.8
-85°	56.9	59.1	61.1	62.9	64.6	66.1	67.5	68.7	69.8	68.9	67.8
-87.5°	23.8	24.5	25.2	25.8	26.4	26.9	27.3	27.8	28.1	26.6	25.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627529 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-740-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°	23.4	21.7	21.8	21.8	21.8	21.7	23.4	25.1	26.6	28.1	27.8
85°	66.6	65.2	65.4	65.5	65.4	65.2	66.6	67.8	68.9	69.8	68.7
82.5°	117.0	115.8	116.3	116.4	116.3	115.8	117.0	117.8	118.3	118.5	116.6
80°	174.6	173.9	170.9	167.4	170.9	173.9	174.6	174.9	174.7	174.1	172.7
77.5°	241.2	239.1	236.3	232.9	236.3	239.1	241.2	242.4	242.9	242.4	239.7
75°	306.3	304.4	305.3	305.7	305.3	304.4	306.3	307.3	307.7	306.9	303.9
72.5°	371.3	369.7	370.7	371.2	370.7	369.7	371.3	372.0	371.7	370.1	366.2
70°	441.1	441.9	440.0	436.7	440.0	441.9	441.1	439.4	436.8	433.3	428.6
67.5°	508.5	507.7	505.6	502.2	505.6	507.7	508.5	507.9	505.7	501.4	494.9
65°	573.8	573.1	574.3	575.0	574.3	573.1	573.8	573.1	571.1	568.2	563.4
62.5°	645.3	645.3	643.8	640.5	643.8	645.3	645.3	643.7	640.4	636.0	630.8
60°	704.7	704.2	702.2	698.7	702.2	704.2	704.7	703.8	701.4	697.6	692.4
57.5°	756.2	755.4	753.2	749.6	753.2	755.4	756.2	755.6	753.5	749.2	744.1
55°	800.6	799.5	797.1	793.3	797.1	799.5	800.6	800.4	798.7	793.7	787.5
52.5°	844.2	843.3	843.5	844.3	843.5	843.3	844.2	843.6	841.4	836.6	829.5
50°	905.9	907.2	906.1	902.5	906.1	907.2	905.9	902.3	896.4	888.1	877.7
47.5°	980.0	980.5	978.7	975.3	978.7	980.5	980.0	976.0	967.4	955.1	939.9
45°	1073.4	1078.7	1080.1	1077.2	1080.1	1078.7	1073.4	1064.6	1053.3	1036.6	1014.5
42.5°	1199.8	1208.0	1210.4	1208.2	1210.4	1208.0	1199.8	1184.5	1164.7	1140.2	1114.2
40°	1365.6	1375.0	1376.8	1375.6	1376.8	1375.0	1365.6	1345.3	1312.1	1270.4	1231.0
37.5°	1595.3	1618.2	1629.1	1630.3	1629.1	1618.2	1595.3	1559.3	1508.0	1440.9	1384.0
35°	1934.0	1979.7	2004.2	2016.0	2004.2	1979.7	1934.0	1868.1	1781.6	1682.4	1592.1
32.5°	2462.2	2553.8	2604.5	2598.3	2604.5	2553.8	2462.2	2342.0	2183.4	2025.8	1881.6
30°	3325.1	3485.1	3565.7	3544.4	3565.7	3485.1	3325.1	3099.9	2801.1	2553.5	2297.5
27.5°	4703.8	4993.1	5160.3	5138.3	5160.3	4993.1	4703.8	4309.8	3761.1	3371.9	2901.4
25°	6925.3	7453.2	7791.1	7707.5	7791.1	7453.2	6925.3	6212.1	5359.1	4631.8	3803.9
22.5°	10304.5	11198.8	11790.6	11717.7	11790.6	11198.8	10304.5	9068.3	7778.7	6482.3	5261.2
20°	14939.9	16301.1	17273.1	17401.8	17273.1	16301.1	14939.9	13019.2	11124.9	8985.9	7241.4
17.5°	21016.0	23174.3	24676.6	24927.3	24676.6	23174.3	21016.0	18066.3	15335.5	12259.9	9553.5
15°	28912.7	32440.2	34993.2	35203.9	34993.2	32440.2	28912.7	24583.4	20392.5	16261.9	12194.9
12.5°	39635.2	46730.1	51360.5	53399.0	51360.5	46730.1	39635.2	32854.9	26100.8	20371.2	15292.1
10°	54474.8	70771.3	81207.8	85131.3	81207.8	70771.3	54474.8	43498.4	33038.9	24795.5	18240.8
7.5°	79261.1	104847.2	133292.0	145415.4	133292.0	104847.2	79261.1	55038.8	40684.0	29798.6	21469.9
5°	107329.8	160431.0	210939.6	230663.2	210939.6	160431.0	107329.8	73511.7	49203.6	33808.1	23760.1
2.5°	136865.2	210880.5	280238.6	307362.9	280238.6	210880.5	136865.2	85393.2	54468.7	36406.6	25491.8
0°	148399.5	232970.3	309280.7	339695.6	309280.7	232970.3	148399.5	87482.1	55698.9	37569.3	26281.0
-2.5°	136865.2	210880.5	280238.6	307362.9	280238.6	210880.5	136865.2	85393.2	54468.7	36406.6	25491.8
-5°	107329.8	160431.0	210939.6	230663.2	210939.6	160431.0	107329.8	73511.7	49203.6	33808.1	23760.1
-7.5°	79261.1	104847.2	133292.0	145415.4	133292.0	104847.2	79261.1	55038.8	40684.0	29798.6	21469.9
-10°	54474.8	70771.3	81207.8	85131.3	81207.8	70771.3	54474.8	43498.4	33038.9	24795.5	18240.8
-12.5°	39635.2	46730.1	51360.5	53399.0	51360.5	46730.1	39635.2	32854.9	26100.8	20371.2	15292.1
-15°	28912.7	32440.2	34993.2	35203.9	34993.2	32440.2	28912.7	24583.4	20392.5	16261.9	12194.9
-17.5°	21016.0	23174.3	24676.6	24927.3	24676.6	23174.3	21016.0	18066.3	15335.5	12259.9	9553.5
-20°	14939.9	16301.1	17273.1	17401.8	17273.1	16301.1	14939.9	13019.2	11124.9	8985.9	7241.4



REPORT NUMBER: P627529 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-740-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°	10304.5	11198.8	11790.6	11717.7	11790.6	11198.8	10304.5	9068.3	7778.7	6482.3	5261.2
-25°	6925.3	7453.2	7791.1	7707.5	7791.1	7453.2	6925.3	6212.1	5359.1	4631.8	3803.9
-27.5°	4703.8	4993.1	5160.3	5138.3	5160.3	4993.1	4703.8	4309.8	3761.1	3371.9	2901.4
-30°	3325.1	3485.1	3565.7	3544.4	3565.7	3485.1	3325.1	3099.9	2801.1	2553.5	2297.5
-32.5°	2462.2	2553.8	2604.5	2598.3	2604.5	2553.8	2462.2	2342.0	2183.4	2025.8	1881.6
-35°	1934.0	1979.7	2004.2	2016.0	2004.2	1979.7	1934.0	1868.1	1781.6	1682.4	1592.1
-37.5°	1595.3	1618.2	1629.1	1630.3	1629.1	1618.2	1595.3	1559.3	1508.0	1440.9	1384.0
-40°	1365.6	1375.0	1376.8	1375.6	1376.8	1375.0	1365.6	1345.3	1312.1	1270.4	1231.0
-42.5°	1199.8	1208.0	1210.4	1208.2	1210.4	1208.0	1199.8	1184.5	1164.7	1140.2	1114.2
-45°	1073.4	1078.7	1080.1	1077.2	1080.1	1078.7	1073.4	1064.6	1053.3	1036.6	1014.5
-47.5°	980.0	980.5	978.7	975.3	978.7	980.5	980.0	976.0	967.4	955.1	939.9
-50°	905.9	907.2	906.1	902.5	906.1	907.2	905.9	902.3	896.4	888.1	877.7
-52.5°	844.2	843.3	843.5	844.3	843.5	843.3	844.2	843.6	841.4	836.6	829.5
-55°	800.6	799.5	797.1	793.3	797.1	799.5	800.6	800.4	798.7	793.7	787.5
-57.5°	756.2	755.4	753.2	749.6	753.2	755.4	756.2	755.6	753.5	749.2	744.1
-60°	704.7	704.2	702.2	698.7	702.2	704.2	704.7	703.8	701.4	697.6	692.4
-62.5°	645.3	645.3	643.8	640.5	643.8	645.3	645.3	643.7	640.4	636.0	630.8
-65°	573.8	573.1	574.3	575.0	574.3	573.1	573.8	573.1	571.1	568.2	563.4
-67.5°	508.5	507.7	505.6	502.2	505.6	507.7	508.5	507.9	505.7	501.4	494.9
-70°	441.1	441.9	440.0	436.7	440.0	441.9	441.1	439.4	436.8	433.3	428.6
-72.5°	371.3	369.7	370.7	371.2	370.7	369.7	371.3	372.0	371.7	370.1	366.2
-75°	306.3	304.4	305.3	305.7	305.3	304.4	306.3	307.3	307.7	306.9	303.9
-77.5°	241.2	239.1	236.3	232.9	236.3	239.1	241.2	242.4	242.9	242.4	239.7
-80°	174.6	173.9	170.9	167.4	170.9	173.9	174.6	174.9	174.7	174.1	172.7
-82.5°	117.0	115.8	116.3	116.4	116.3	115.8	117.0	117.8	118.3	118.5	116.6
-85°	66.6	65.2	65.4	65.5	65.4	65.2	66.6	67.8	68.9	69.8	68.7
-87.5°	23.4	21.7	21.8	21.8	21.8	21.7	23.4	25.1	26.6	28.1	27.8
-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: P627529 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-740-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°	27.3	26.9	26.4	25.8	25.2	24.5	23.8	23.1	22.3	21.5	20.6
85°	67.5	66.1	64.6	62.9	61.1	59.1	56.9	53.6	50.3	47.2	44.2
82.5°	114.4	112.0	109.3	106.4	103.1	99.7	95.9	90.8	85.1	79.0	72.5
80°	170.7	168.0	164.3	158.2	152.0	145.7	139.5	133.5	127.1	120.4	113.4
77.5°	236.4	232.4	226.8	217.2	207.3	197.2	187.6	179.4	171.4	162.9	154.1
75°	300.1	295.7	289.3	278.9	266.9	253.2	240.7	230.4	219.6	208.2	196.3
72.5°	361.5	356.0	349.1	340.3	330.2	317.8	302.5	286.3	270.7	255.8	241.6
70°	422.9	416.2	409.1	400.5	390.2	378.5	363.3	344.9	323.9	303.5	288.2
67.5°	487.3	478.4	470.9	463.6	454.3	442.3	424.9	405.9	385.2	361.6	339.8
65°	556.2	546.3	536.8	527.8	517.7	506.1	488.2	467.3	444.8	421.3	396.6
62.5°	624.8	618.0	607.2	594.2	580.7	566.1	549.4	528.8	504.7	477.3	450.2
60°	685.9	677.6	665.3	652.6	639.6	623.3	601.9	583.0	566.8	535.8	503.3
57.5°	738.5	728.9	714.2	700.4	687.8	668.5	646.9	625.5	604.5	583.0	555.1
55°	780.0	769.8	756.6	741.1	723.9	706.1	686.1	663.3	641.0	621.3	595.6
52.5°	820.3	810.2	797.6	782.4	764.1	743.3	721.4	698.7	677.8	657.6	634.5
50°	866.7	854.1	839.9	824.3	804.3	782.0	758.5	734.0	712.6	691.9	670.0
47.5°	924.3	905.9	885.4	866.6	844.6	820.1	795.0	770.5	747.0	722.7	700.6
45°	993.0	968.0	941.2	915.8	887.4	860.7	831.8	806.3	781.1	754.9	727.6
42.5°	1080.4	1042.6	1007.6	973.1	937.7	905.5	872.6	842.8	814.4	786.5	757.1
40°	1187.4	1136.6	1090.4	1039.5	996.1	954.0	916.4	879.0	847.6	817.2	784.9
37.5°	1318.8	1252.5	1189.3	1123.4	1065.4	1010.1	963.2	920.1	879.1	845.9	811.9
35°	1487.3	1396.5	1306.0	1224.0	1145.6	1077.5	1014.8	963.2	916.4	873.5	837.8
32.5°	1714.6	1586.3	1448.9	1343.5	1240.1	1150.7	1075.9	1010.1	954.0	905.5	862.5
30°	2049.2	1838.6	1649.7	1482.2	1351.9	1236.6	1138.8	1062.8	996.1	937.7	887.4
27.5°	2528.7	2166.5	1911.2	1664.7	1474.3	1334.7	1216.7	1116.9	1038.6	973.1	915.4
25°	3208.3	2658.7	2215.5	1893.9	1634.9	1436.5	1297.7	1182.0	1086.1	1007.2	937.8
22.5°	4139.9	3307.8	2627.5	2139.7	1820.1	1573.2	1385.8	1246.2	1129.5	1037.1	961.6
20°	5510.3	4081.8	3160.4	2491.2	2027.9	1704.3	1477.5	1313.4	1178.4	1068.2	982.4
17.5°	7136.7	5155.0	3743.6	2850.6	2271.2	1872.5	1583.8	1375.1	1222.8	1095.2	999.4
15°	8870.3	6371.2	4558.7	3330.4	2519.9	2016.6	1672.4	1429.7	1265.0	1125.0	1020.4
12.5°	11084.1	7682.4	5273.5	3730.9	2764.5	2173.4	1775.2	1499.0	1306.6	1157.1	1042.2
10°	13178.4	9049.9	6143.5	4258.2	3062.0	2327.3	1866.5	1552.4	1338.8	1182.7	1060.0
7.5°	15157.0	10364.6	6895.7	4659.7	3291.8	2449.8	1934.1	1590.9	1361.7	1200.6	1073.6
5°	16607.1	11343.1	7484.5	4969.4	3454.3	2538.4	1978.0	1614.8	1375.4	1211.1	1082.9
2.5°	17710.3	11991.4	7842.6	5151.1	3547.1	2590.9	2004.3	1633.1	1388.6	1219.7	1093.1
0°	18217.0	12241.7	7962.2	5247.5	3602.6	2605.5	2016.0	1644.8	1397.4	1222.7	1099.0
-2.5°	17710.3	11991.4	7842.6	5151.1	3547.1	2590.9	2004.3	1633.1	1388.6	1219.7	1093.1
-5°	16607.1	11343.1	7484.5	4969.4	3454.3	2538.4	1978.0	1614.8	1375.4	1211.1	1082.9
-7.5°	15157.0	10364.6	6895.7	4659.7	3291.8	2449.8	1934.1	1590.9	1361.7	1200.6	1073.6
-10°	13178.4	9049.9	6143.5	4258.2	3062.0	2327.3	1866.5	1552.4	1338.8	1182.7	1060.0
-12.5°	11084.1	7682.4	5273.5	3730.9	2764.5	2173.4	1775.2	1499.0	1306.6	1157.1	1042.2
-15°	8870.3	6371.2	4558.7	3330.4	2519.9	2016.6	1672.4	1429.7	1265.0	1125.0	1020.4
-17.5°	7136.7	5155.0	3743.6	2850.6	2271.2	1872.5	1583.8	1375.1	1222.8	1095.2	999.4
-20°	5510.3	4081.8	3160.4	2491.2	2027.9	1704.3	1477.5	1313.4	1178.4	1068.2	982.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627529 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4139.9	3307.8	2627.5	2139.7	1820.1	1573.2	1385.8	1246.2	1129.5	1037.1	961.6
-25°	3208.3	2658.7	2215.5	1893.9	1634.9	1436.5	1297.7	1182.0	1086.1	1007.2	937.8
-27.5°	2528.7	2166.5	1911.2	1664.7	1474.3	1334.7	1216.7	1116.9	1038.6	973.1	915.4
-30°	2049.2	1838.6	1649.7	1482.2	1351.9	1236.6	1138.8	1062.8	996.1	937.7	887.4
-32.5°	1714.6	1586.3	1448.9	1343.5	1240.1	1150.7	1075.9	1010.1	954.0	905.5	862.5
-35°	1487.3	1396.5	1306.0	1224.0	1145.6	1077.5	1014.8	963.2	916.4	873.5	837.8
-37.5°	1318.8	1252.5	1189.3	1123.4	1065.4	1010.1	963.2	920.1	879.1	845.9	811.9
-40°	1187.4	1136.6	1090.4	1039.5	996.1	954.0	916.4	879.0	847.6	817.2	784.9
-42.5°	1080.4	1042.6	1007.6	973.1	937.7	905.5	872.6	842.8	814.4	786.5	757.1
-45°	993.0	968.0	941.2	915.8	887.4	860.7	831.8	806.3	781.1	754.9	727.6
-47.5°	924.3	905.9	885.4	866.6	844.6	820.1	795.0	770.5	747.0	722.7	700.6
-50°	866.7	854.1	839.9	824.3	804.3	782.0	758.5	734.0	712.6	691.9	670.0
-52.5°	820.3	810.2	797.6	782.4	764.1	743.3	721.4	698.7	677.8	657.6	634.5
-55°	780.0	769.8	756.6	741.1	723.9	706.1	686.1	663.3	641.0	621.3	595.6
-57.5°	738.5	728.9	714.2	700.4	687.8	668.5	646.9	625.5	604.5	583.0	555.1
-60°	685.9	677.6	665.3	652.6	639.6	623.3	601.9	583.0	566.8	535.8	503.3
-62.5°	624.8	618.0	607.2	594.2	580.7	566.1	549.4	528.8	504.7	477.3	450.2
-65°	556.2	546.3	536.8	527.8	517.7	506.1	488.2	467.3	444.8	421.3	396.6
-67.5°	487.3	478.4	470.9	463.6	454.3	442.3	424.9	405.9	385.2	361.6	339.8
-70°	422.9	416.2	409.1	400.5	390.2	378.5	363.3	344.9	323.9	303.5	288.2
-72.5°	361.5	356.0	349.1	340.3	330.2	317.8	302.5	286.3	270.7	255.8	241.6
-75°	300.1	295.7	289.3	278.9	266.9	253.2	240.7	230.4	219.6	208.2	196.3
-77.5°	236.4	232.4	226.8	217.2	207.3	197.2	187.6	179.4	171.4	162.9	154.1
-80°	170.7	168.0	164.3	158.2	152.0	145.7	139.5	133.5	127.1	120.4	113.4
-82.5°	114.4	112.0	109.3	106.4	103.1	99.7	95.9	90.8	85.1	79.0	72.5
-85°	67.5	66.1	64.6	62.9	61.1	59.1	56.9	53.6	50.3	47.2	44.2
-87.5°	27.3	26.9	26.4	25.8	25.2	24.5	23.8	23.1	22.3	21.5	20.6
-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: P627529 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-740-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°	19.7	18.7	17.7	16.7	15.6	14.5	13.4	12.3	11.1	9.9	8.7
85°	42.5	40.5	38.2	35.5	32.3	29.1	26.8	24.6	22.2	19.9	17.5
82.5°	68.8	66.3	63.7	60.5	55.7	50.8	45.8	40.7	35.4	30.1	26.2
80°	106.6	100.0	93.7	87.4	80.0	72.5	65.8	59.0	52.0	44.9	37.7
77.5°	144.9	135.3	125.4	116.2	107.0	97.5	87.8	77.9	68.4	59.6	50.6
75°	183.8	172.1	160.2	147.9	135.2	122.4	110.7	98.9	86.7	74.4	63.4
72.5°	227.1	212.0	196.4	180.4	165.6	150.5	134.9	119.7	105.5	91.2	76.6
70°	272.2	253.5	234.9	217.0	198.1	178.4	160.7	142.6	124.2	107.8	91.2
67.5°	319.4	300.4	278.4	254.6	233.3	211.1	187.1	165.8	145.2	124.2	105.5
65°	371.3	347.4	324.6	297.1	270.2	244.3	218.3	190.2	165.8	142.6	119.7
62.5°	422.0	393.3	365.8	337.6	308.2	278.4	249.1	217.5	186.9	160.7	134.9
60°	472.2	440.3	406.2	374.2	343.5	312.0	278.7	244.0	210.4	178.4	150.5
57.5°	519.8	486.4	447.8	410.3	375.8	343.0	307.4	269.7	233.2	197.8	165.5
55°	564.1	526.9	486.9	446.1	407.3	371.3	334.3	294.4	255.1	217.0	180.0
52.5°	605.0	566.0	523.3	480.1	437.7	398.5	359.5	318.1	276.2	235.5	195.7
50°	643.0	604.9	559.5	513.1	466.7	425.3	384.3	340.9	296.3	253.2	211.0
47.5°	675.9	639.8	595.9	545.7	496.2	451.6	408.6	363.2	315.4	270.0	225.7
45°	702.8	672.1	629.9	579.4	526.3	479.0	432.5	384.9	335.0	286.3	239.9
42.5°	727.8	699.1	661.1	612.3	557.3	506.0	455.8	406.1	354.0	301.8	253.4
40°	753.4	722.9	690.0	641.0	586.3	531.9	479.3	426.7	372.4	317.1	266.3
37.5°	777.1	745.5	712.2	667.6	612.3	556.3	501.9	446.7	389.5	332.3	278.6
35°	801.2	765.9	731.5	688.5	635.0	578.5	523.3	465.9	405.7	346.4	290.1
32.5°	824.3	784.8	747.6	705.5	655.7	598.5	542.4	482.6	420.9	359.5	301.0
30°	845.3	802.4	763.1	722.0	673.3	615.9	558.6	497.8	434.9	371.4	311.2
27.5°	862.2	817.0	777.9	736.1	687.4	631.5	572.8	511.4	447.9	382.5	320.8
25°	878.9	830.6	789.7	749.0	700.6	647.4	586.0	523.5	459.3	392.9	329.6
22.5°	897.6	843.2	799.0	761.3	714.1	662.6	598.5	534.0	469.1	402.2	337.3
20°	914.0	854.1	805.9	770.9	724.9	673.9	610.4	543.4	477.6	410.6	344.1
17.5°	928.5	865.7	815.0	776.6	733.3	683.6	621.5	551.8	484.7	417.8	349.8
15°	943.7	877.9	823.1	781.3	740.1	691.8	631.5	559.1	490.5	423.9	355.0
12.5°	957.1	887.9	829.6	784.8	745.3	698.4	640.3	565.1	495.0	429.0	359.7
10°	968.3	895.5	834.5	787.3	748.9	703.4	647.9	570.9	499.9	433.0	363.7
7.5°	977.0	900.9	837.7	788.6	751.5	707.4	654.3	577.6	504.0	435.7	366.9
5°	983.4	905.1	842.6	793.1	754.5	710.6	658.8	583.0	507.0	437.2	369.3
2.5°	988.2	908.7	847.9	797.4	756.3	712.6	661.5	587.0	508.9	437.5	370.7
0°	989.8	909.8	851.5	800.6	756.9	713.2	662.3	589.5	509.5	436.7	371.2
-2.5°	988.2	908.7	847.9	797.4	756.3	712.6	661.5	587.0	508.9	437.5	370.7
-5°	983.4	905.1	842.6	793.1	754.5	710.6	658.8	583.0	507.0	437.2	369.3
-7.5°	977.0	900.9	837.7	788.6	751.5	707.4	654.3	577.6	504.0	435.7	366.9
-10°	968.3	895.5	834.5	787.3	748.9	703.4	647.9	570.9	499.9	433.0	363.7
-12.5°	957.1	887.9	829.6	784.8	745.3	698.4	640.3	565.1	495.0	429.0	359.7
-15°	943.7	877.9	823.1	781.3	740.1	691.8	631.5	559.1	490.5	423.9	355.0
-17.5°	928.5	865.7	815.0	776.6	733.3	683.6	621.5	551.8	484.7	417.8	349.8
-20°	914.0	854.1	805.9	770.9	724.9	673.9	610.4	543.4	477.6	410.6	344.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627529 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-740-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°	897.6	843.2	799.0	761.3	714.1	662.6	598.5	534.0	469.1	402.2	337.3
-25°	878.9	830.6	789.7	749.0	700.6	647.4	586.0	523.5	459.3	392.9	329.6
-27.5°	862.2	817.0	777.9	736.1	687.4	631.5	572.8	511.4	447.9	382.5	320.8
-30°	845.3	802.4	763.1	722.0	673.3	615.9	558.6	497.8	434.9	371.4	311.2
-32.5°	824.3	784.8	747.6	705.5	655.7	598.5	542.4	482.6	420.9	359.5	301.0
-35°	801.2	765.9	731.5	688.5	635.0	578.5	523.3	465.9	405.7	346.4	290.1
-37.5°	777.1	745.5	712.2	667.6	612.3	556.3	501.9	446.7	389.5	332.3	278.6
-40°	753.4	722.9	690.0	641.0	586.3	531.9	479.3	426.7	372.4	317.1	266.3
-42.5°	727.8	699.1	661.1	612.3	557.3	506.0	455.8	406.1	354.0	301.8	253.4
-45°	702.8	672.1	629.9	579.4	526.3	479.0	432.5	384.9	335.0	286.3	239.9
-47.5°	675.9	639.8	595.9	545.7	496.2	451.6	408.6	363.2	315.4	270.0	225.7
-50°	643.0	604.9	559.5	513.1	466.7	425.3	384.3	340.9	296.3	253.2	211.0
-52.5°	605.0	566.0	523.3	480.1	437.7	398.5	359.5	318.1	276.2	235.5	195.7
-55°	564.1	526.9	486.9	446.1	407.3	371.3	334.3	294.4	255.1	217.0	180.0
-57.5°	519.8	486.4	447.8	410.3	375.8	343.0	307.4	269.7	233.2	197.8	165.5
-60°	472.2	440.3	406.2	374.2	343.5	312.0	278.7	244.0	210.4	178.4	150.5
-62.5°	422.0	393.3	365.8	337.6	308.2	278.4	249.1	217.5	186.9	160.7	134.9
-65°	371.3	347.4	324.6	297.1	270.2	244.3	218.3	190.2	165.8	142.6	119.7
-67.5°	319.4	300.4	278.4	254.6	233.3	211.1	187.1	165.8	145.2	124.2	105.5
-70°	272.2	253.5	234.9	217.0	198.1	178.4	160.7	142.6	124.2	107.8	91.2
-72.5°	227.1	212.0	196.4	180.4	165.6	150.5	134.9	119.7	105.5	91.2	76.6
-75°	183.8	172.1	160.2	147.9	135.2	122.4	110.7	98.9	86.7	74.4	63.4
-77.5°	144.9	135.3	125.4	116.2	107.0	97.5	87.8	77.9	68.4	59.6	50.6
-80°	106.6	100.0	93.7	87.4	80.0	72.5	65.8	59.0	52.0	44.9	37.7
-82.5°	68.8	66.3	63.7	60.5	55.7	50.8	45.8	40.7	35.4	30.1	26.2
-85°	42.5	40.5	38.2	35.5	32.3	29.1	26.8	24.6	22.2	19.9	17.5
-87.5°	19.7	18.7	17.7	16.7	15.6	14.5	13.4	12.3	11.1	9.9	8.7
-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: P627529 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-740-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°	7.5	6.3	5.1	3.8	2.5	1.1	0.0
85°	15.0	12.6	10.1	7.6	5.1	2.2	0.0
82.5°	22.5	18.8	15.1	11.4	7.6	3.3	0.0
80°	30.4	25.1	20.1	15.1	10.1	4.4	0.0
77.5°	41.5	32.2	25.1	18.8	12.5	5.5	0.0
75°	52.3	40.9	30.3	22.5	14.9	6.6	0.0
72.5°	63.0	49.5	36.9	26.2	17.3	7.6	0.0
70°	73.8	58.0	43.4	30.0	19.6	8.6	0.0
67.5°	85.9	66.2	49.8	34.6	21.8	9.6	0.0
65°	97.9	75.2	56.0	39.1	24.0	10.6	0.0
62.5°	109.6	85.0	62.0	43.5	26.1	11.6	0.0
60°	121.0	94.5	67.9	47.7	28.1	12.5	0.0
57.5°	133.6	103.7	75.2	51.8	30.7	13.4	0.0
55°	146.0	112.8	82.4	55.8	33.3	14.2	0.0
52.5°	158.0	121.7	89.4	59.6	35.8	15.0	0.0
50°	169.6	131.4	96.1	63.3	38.2	15.8	0.0
47.5°	181.0	140.7	102.6	67.1	40.6	16.5	0.0
45°	193.2	149.7	108.8	71.8	42.9	17.2	0.0
42.5°	204.8	158.2	114.8	76.2	45.1	17.9	0.0
40°	215.8	166.3	120.8	80.5	47.2	18.5	0.0
37.5°	226.3	174.0	127.0	84.7	49.2	19.1	0.0
35°	236.1	181.9	132.8	88.7	51.2	19.6	0.0
32.5°	245.4	189.6	138.2	92.4	53.0	20.0	0.0
30°	254.0	196.7	143.2	95.8	54.7	20.5	0.0
27.5°	261.9	203.3	148.1	99.1	56.4	20.8	0.0
25°	269.2	209.3	152.7	102.0	57.9	21.2	0.0
22.5°	275.8	214.8	156.8	104.7	59.3	21.4	0.0
20°	281.7	219.5	160.5	107.1	60.5	21.7	0.0
17.5°	286.5	223.5	163.8	109.3	61.6	21.8	0.0
15°	290.5	226.8	166.7	111.2	62.6	22.0	0.0
12.5°	293.7	229.4	169.1	112.8	63.5	22.1	0.0
10°	296.2	231.4	171.1	114.1	64.2	22.1	0.0
7.5°	297.9	232.7	172.7	115.1	64.8	22.1	0.0
5°	298.8	233.4	173.8	115.8	65.2	22.0	0.0
2.5°	299.0	233.4	174.5	116.3	65.4	21.9	0.0
0°	298.4	232.9	174.7	116.4	65.5	21.8	0.0
-2.5°	299.0	233.4	174.5	116.3	65.4	21.9	0.0
-5°	298.8	233.4	173.8	115.8	65.2	22.0	0.0
-7.5°	297.9	232.7	172.7	115.1	64.8	22.1	0.0
-10°	296.2	231.4	171.1	114.1	64.2	22.1	0.0
-12.5°	293.7	229.4	169.1	112.8	63.5	22.1	0.0
-15°	290.5	226.8	166.7	111.2	62.6	22.0	0.0
-17.5°	286.5	223.5	163.8	109.3	61.6	21.8	0.0
-20°	281.7	219.5	160.5	107.1	60.5	21.7	0.0

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CATALOG NUMBER: GFLD-SA4E-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	275.8	214.8	156.8	104.7	59.3	21.4	0.0
-25°	269.2	209.3	152.7	102.0	57.9	21.2	0.0
-27.5°	261.9	203.3	148.1	99.1	56.4	20.8	0.0
-30°	254.0	196.7	143.2	95.8	54.7	20.5	0.0
-32.5°	245.4	189.6	138.2	92.4	53.0	20.0	0.0
-35°	236.1	181.9	132.8	88.7	51.2	19.6	0.0
-37.5°	226.3	174.0	127.0	84.7	49.2	19.1	0.0
-40°	215.8	166.3	120.8	80.5	47.2	18.5	0.0
-42.5°	204.8	158.2	114.8	76.2	45.1	17.9	0.0
-45°	193.2	149.7	108.8	71.8	42.9	17.2	0.0
-47.5°	181.0	140.7	102.6	67.1	40.6	16.5	0.0
-50°	169.6	131.4	96.1	63.3	38.2	15.8	0.0
-52.5°	158.0	121.7	89.4	59.6	35.8	15.0	0.0
-55°	146.0	112.8	82.4	55.8	33.3	14.2	0.0
-57.5°	133.6	103.7	75.2	51.8	30.7	13.4	0.0
-60°	121.0	94.5	67.9	47.7	28.1	12.5	0.0
-62.5°	109.6	85.0	62.0	43.5	26.1	11.6	0.0
-65°	97.9	75.2	56.0	39.1	24.0	10.6	0.0
-67.5°	85.9	66.2	49.8	34.6	21.8	9.6	0.0
-70°	73.8	58.0	43.4	30.0	19.6	8.6	0.0
-72.5°	63.0	49.5	36.9	26.2	17.3	7.6	0.0
-75°	52.3	40.9	30.3	22.5	14.9	6.6	0.0
-77.5°	41.5	32.2	25.1	18.8	12.5	5.5	0.0
-80°	30.4	25.1	20.1	15.1	10.1	4.4	0.0
-82.5°	22.5	18.8	15.1	11.4	7.6	3.3	0.0
-85°	15.0	12.6	10.1	7.6	5.1	2.2	0.0
-87.5°	7.5	6.3	5.1	3.8	2.5	1.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)