

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: P627819 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-735-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627819 (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-SA6B-735-U-NR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N141
Light Source: (96) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

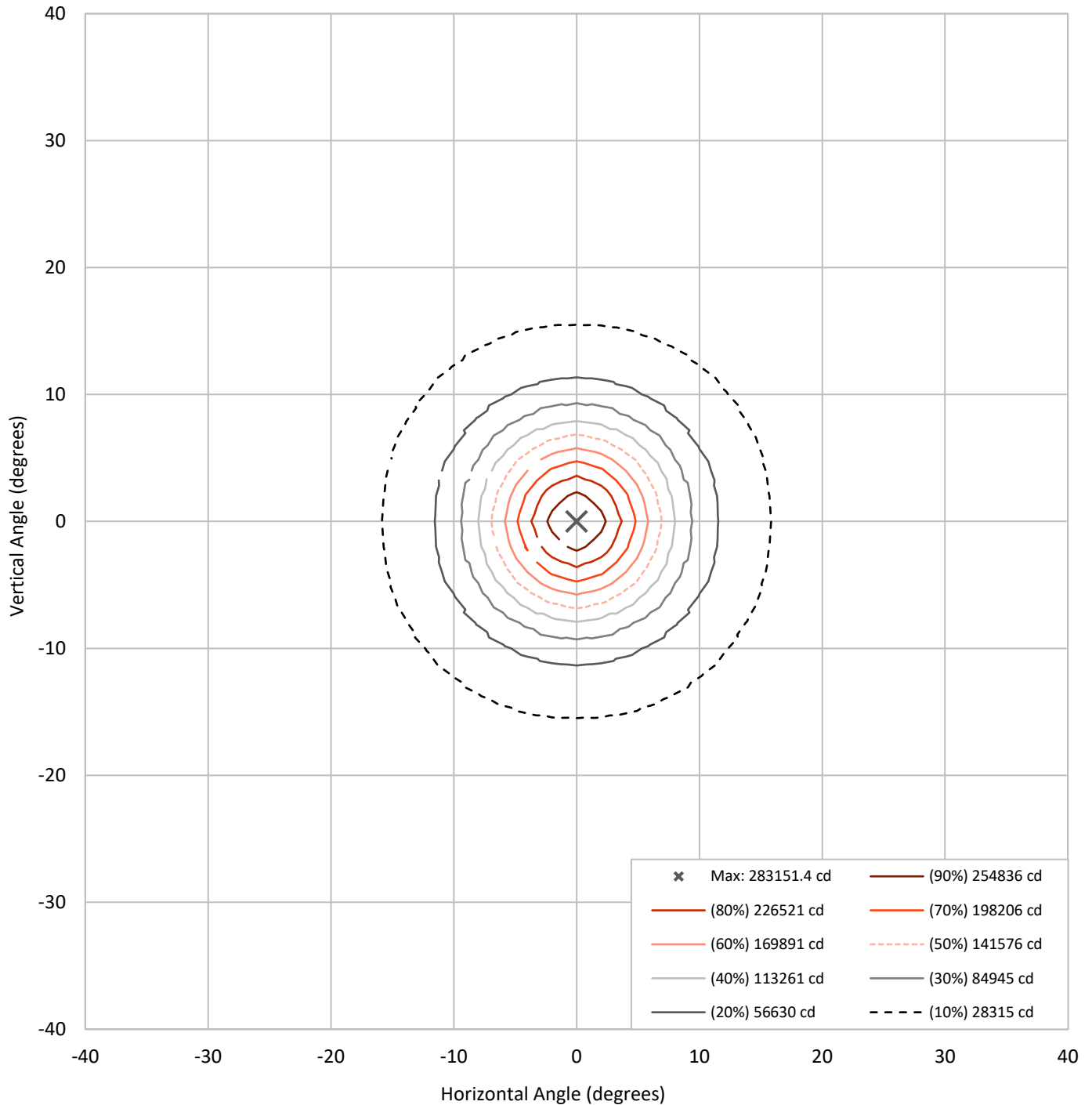
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	30066.6 lumens	Max Intensity:	283151.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	157.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	8889.3 lumens	Field Lumens:	20004.7 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
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





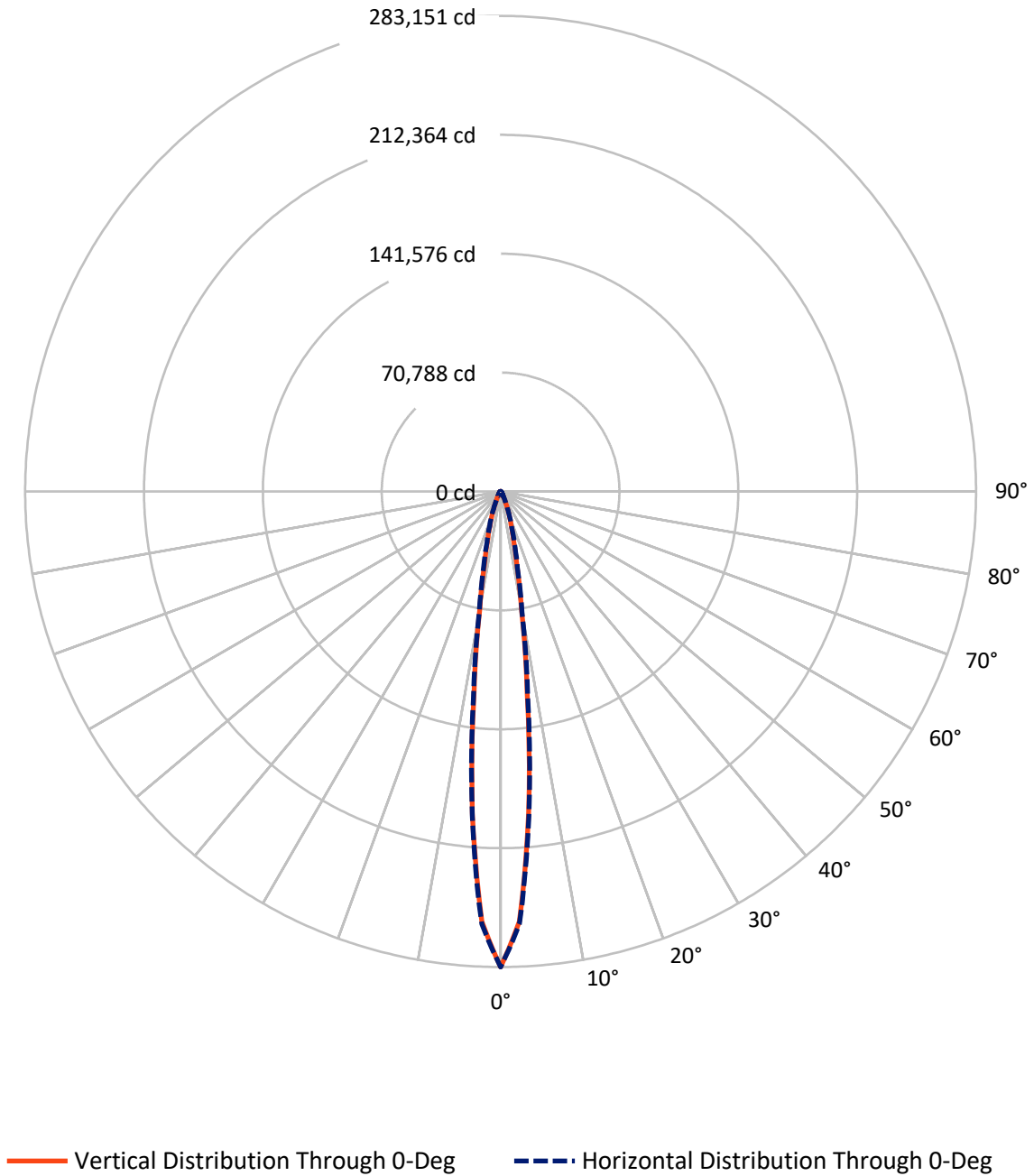
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Lumen Table

90	0.5	4.1	10.8	17.5	19.1	17.5	10.8	4.1	0.5							
80	0.5	4.1	10.8	17.5	19.1	17.5	10.8	4.1	0.5							
70	1.9	2.1	4.3	7.1	10.1	12.4	13.9	14.5	14.5	13.9	12.4	10.1	7.1	4.3	2.1	1.9
60		3.2	6.5	10.6	14.2	17.3	19.4	20.2	20.2	19.4	17.3	14.2	10.6	6.5	3.2	
50	3.3	4.2	8.4	13.1	17.4	21.8	25.7	27.8	27.8	25.7	21.8	17.4	13.1	8.4	4.2	3.3
40		5.0	9.9	15.1	21.4	30.8	43.3	53.7	53.7	43.3	30.8	21.4	15.1	9.9	5.0	
30	4.3	5.7	10.9	17.0	27.7	54.9	125.1	207.1	207.1	125.1	54.9	27.7	17.0	10.9	5.7	4.3
20		6.1	11.4	18.7	36.7	116.7	414.2	892.1	892.1	414.2	116.7	36.7	18.7	11.4	6.1	
10	4.6	6.3	11.7	19.9	44.4	192.2	900.4	3889.8	3889.8	900.4	192.2	44.4	19.9	11.7	6.3	4.6
0		6.3	11.7	19.9	44.4	192.2	900.4	3889.8	3889.8	900.4	192.2	44.4	19.9	11.7	6.3	
-10	4.3	6.1	11.4	18.7	36.7	116.7	414.2	892.1	892.1	414.2	116.7	36.7	18.7	11.4	6.1	4.3
-20		5.7	10.9	17.0	27.7	54.9	125.1	207.1	207.1	125.1	54.9	27.7	17.0	10.9	5.7	
-30	3.3	5.0	9.9	15.1	21.4	30.8	43.3	53.7	53.7	43.3	30.8	21.4	15.1	9.9	5.0	3.3
-40		4.2	8.4	13.1	17.4	21.8	25.7	27.8	27.8	25.7	21.8	17.4	13.1	8.4	4.2	
-50	1.9	3.2	6.5	10.6	14.2	17.3	19.4	20.2	20.2	19.4	17.3	14.2	10.6	6.5	3.2	1.9
-60		2.1	4.3	7.1	10.1	12.4	13.9	14.5	14.5	13.9	12.4	10.1	7.1	4.3	2.1	
-70	0.5	4.1	10.8	17.5	19.1	17.5	10.8	4.1	0.5							
-80		0.5	4.1	10.8	17.5	19.1	17.5	10.8	4.1	0.5						
-90	0.5	4.1	10.8	17.5	19.1	17.5	10.8	4.1	0.5							

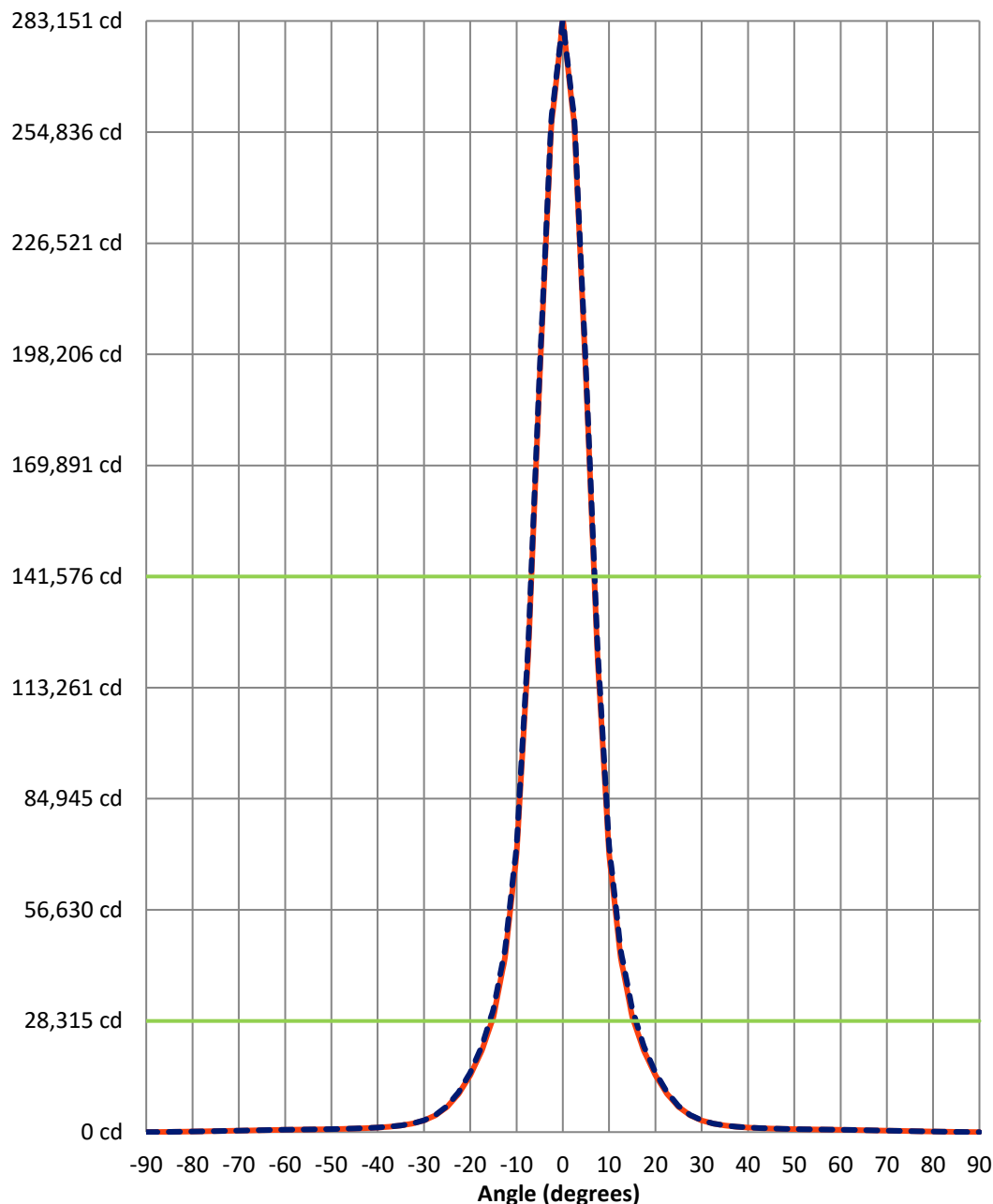
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 8889.3
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 20004.7
 Efficiency: 66.5%

Spill:
 Lumens: 10061.9
 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	0.9	2.1	3.2	4.2	5.3	6.3	7.3	8.3	9.3	10.3
85°	0.0	1.9	4.2	6.3	8.4	10.5	12.6	14.6	16.6	18.6	20.5
82.5°	0.0	2.8	6.3	9.5	12.6	15.7	18.8	21.9	25.2	29.6	33.9
80°	0.0	3.7	8.4	12.6	16.8	20.9	25.4	31.5	37.5	43.4	49.2
77.5°	0.0	4.6	10.4	15.7	20.9	26.9	34.6	42.2	49.7	57.1	64.9
75°	0.0	5.5	12.5	18.8	25.3	34.2	43.7	52.9	62.0	72.3	82.4
72.5°	0.0	6.3	14.4	21.9	30.8	41.3	52.6	63.9	76.0	88.0	99.7
70°	0.0	7.2	16.4	25.0	36.2	48.3	61.5	76.0	89.8	103.5	118.9
67.5°	0.0	8.0	18.2	28.9	41.5	55.2	71.6	88.0	103.5	121.0	138.2
65°	0.0	8.9	20.0	32.6	46.7	62.7	81.6	99.7	118.9	138.2	158.6
62.5°	0.0	9.7	21.8	36.3	51.7	70.8	91.3	112.5	133.9	155.8	181.3
60°	0.0	10.4	23.5	39.8	56.6	78.8	100.8	125.4	148.7	175.4	203.4
57.5°	0.0	11.2	25.6	43.2	62.7	86.5	111.3	138.0	164.9	194.3	224.8
55°	0.0	11.9	27.8	46.5	68.7	94.0	121.7	150.1	180.9	212.6	245.4
52.5°	0.0	12.6	29.9	49.7	74.6	101.5	131.7	163.1	196.3	230.2	265.2
50°	0.0	13.2	31.9	52.8	80.2	109.5	141.4	175.8	211.0	247.0	284.2
47.5°	0.0	13.8	33.9	55.9	85.6	117.3	150.9	188.1	225.1	262.9	302.7
45°	0.0	14.4	35.8	59.8	90.8	124.8	161.0	199.9	238.6	279.2	320.8
42.5°	0.0	14.9	37.6	63.5	95.7	131.9	170.7	211.2	251.6	295.1	338.5
40°	0.0	15.4	39.4	67.2	100.8	138.6	179.9	222.0	264.3	310.4	355.7
37.5°	0.0	15.9	41.1	70.6	105.9	145.1	188.6	232.2	277.0	324.7	372.3
35°	0.0	16.3	42.7	73.9	110.7	151.6	196.8	241.8	288.8	338.2	388.3
32.5°	0.0	16.7	44.2	77.0	115.2	158.0	204.5	250.9	299.6	350.8	402.3
30°	0.0	17.1	45.6	79.9	119.4	164.0	211.7	259.4	309.6	362.5	414.9
27.5°	0.0	17.4	47.0	82.6	123.5	169.5	218.3	267.4	318.8	373.3	426.3
25°	0.0	17.7	48.2	85.1	127.3	174.5	224.4	274.7	327.5	382.8	436.4
22.5°	0.0	17.9	49.4	87.3	130.7	179.0	229.9	281.1	335.3	391.0	445.1
20°	0.0	18.1	50.5	89.4	133.8	182.9	234.8	286.8	342.2	398.1	453.0
17.5°	0.0	18.2	51.4	91.2	136.5	186.3	238.8	291.6	348.2	404.1	460.0
15°	0.0	18.3	52.2	92.7	138.9	189.0	242.1	295.9	353.3	408.9	466.0
12.5°	0.0	18.4	52.9	94.1	141.0	191.2	244.8	299.8	357.6	412.6	471.0
10°	0.0	18.4	53.5	95.2	142.6	192.8	246.9	303.2	360.9	416.7	475.9
7.5°	0.0	18.4	54.0	96.0	143.9	193.9	248.3	305.8	363.2	420.1	481.4
5°	0.0	18.4	54.3	96.6	144.9	194.5	249.1	307.8	364.4	422.6	486.0
2.5°	0.0	18.3	54.5	97.0	145.4	194.5	249.2	309.0	364.7	424.2	489.3
0°	0.0	18.2	54.6	97.1	145.6	194.1	248.7	309.4	364.0	424.7	491.4
-2.5°	0.0	18.3	54.5	97.0	145.4	194.5	249.2	309.0	364.7	424.2	489.3
-5°	0.0	18.4	54.3	96.6	144.9	194.5	249.1	307.8	364.4	422.6	486.0
-7.5°	0.0	18.4	54.0	96.0	143.9	193.9	248.3	305.8	363.2	420.1	481.4
-10°	0.0	18.4	53.5	95.2	142.6	192.8	246.9	303.2	360.9	416.7	475.9
-12.5°	0.0	18.4	52.9	94.1	141.0	191.2	244.8	299.8	357.6	412.6	471.0
-15°	0.0	18.3	52.2	92.7	138.9	189.0	242.1	295.9	353.3	408.9	466.0
-17.5°	0.0	18.2	51.4	91.2	136.5	186.3	238.8	291.6	348.2	404.1	460.0
-20°	0.0	18.1	50.5	89.4	133.8	182.9	234.8	286.8	342.2	398.1	453.0

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA6B-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	17.9	49.4	87.3	130.7	179.0	229.9	281.1	335.3	391.0	445.1
-25°	0.0	17.7	48.2	85.1	127.3	174.5	224.4	274.7	327.5	382.8	436.4
-27.5°	0.0	17.4	47.0	82.6	123.5	169.5	218.3	267.4	318.8	373.3	426.3
-30°	0.0	17.1	45.6	79.9	119.4	164.0	211.7	259.4	309.6	362.5	414.9
-32.5°	0.0	16.7	44.2	77.0	115.2	158.0	204.5	250.9	299.6	350.8	402.3
-35°	0.0	16.3	42.7	73.9	110.7	151.6	196.8	241.8	288.8	338.2	388.3
-37.5°	0.0	15.9	41.1	70.6	105.9	145.1	188.6	232.2	277.0	324.7	372.3
-40°	0.0	15.4	39.4	67.2	100.8	138.6	179.9	222.0	264.3	310.4	355.7
-42.5°	0.0	14.9	37.6	63.5	95.7	131.9	170.7	211.2	251.6	295.1	338.5
-45°	0.0	14.4	35.8	59.8	90.8	124.8	161.0	199.9	238.6	279.2	320.8
-47.5°	0.0	13.8	33.9	55.9	85.6	117.3	150.9	188.1	225.1	262.9	302.7
-50°	0.0	13.2	31.9	52.8	80.2	109.5	141.4	175.8	211.0	247.0	284.2
-52.5°	0.0	12.6	29.9	49.7	74.6	101.5	131.7	163.1	196.3	230.2	265.2
-55°	0.0	11.9	27.8	46.5	68.7	94.0	121.7	150.1	180.9	212.6	245.4
-57.5°	0.0	11.2	25.6	43.2	62.7	86.5	111.3	138.0	164.9	194.3	224.8
-60°	0.0	10.4	23.5	39.8	56.6	78.8	100.8	125.4	148.7	175.4	203.4
-62.5°	0.0	9.7	21.8	36.3	51.7	70.8	91.3	112.5	133.9	155.8	181.3
-65°	0.0	8.9	20.0	32.6	46.7	62.7	81.6	99.7	118.9	138.2	158.6
-67.5°	0.0	8.0	18.2	28.9	41.5	55.2	71.6	88.0	103.5	121.0	138.2
-70°	0.0	7.2	16.4	25.0	36.2	48.3	61.5	76.0	89.8	103.5	118.9
-72.5°	0.0	6.3	14.4	21.9	30.8	41.3	52.6	63.9	76.0	88.0	99.7
-75°	0.0	5.5	12.5	18.8	25.3	34.2	43.7	52.9	62.0	72.3	82.4
-77.5°	0.0	4.6	10.4	15.7	20.9	26.9	34.6	42.2	49.7	57.1	64.9
-80°	0.0	3.7	8.4	12.6	16.8	20.9	25.4	31.5	37.5	43.4	49.2
-82.5°	0.0	2.8	6.3	9.5	12.6	15.7	18.8	21.9	25.2	29.6	33.9
-85°	0.0	1.9	4.2	6.3	8.4	10.5	12.6	14.6	16.6	18.6	20.5
-87.5°	0.0	0.9	2.1	3.2	4.2	5.3	6.3	7.3	8.3	9.3	10.3
-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°	11.2	12.1	13.1	13.9	14.8	15.6	16.4	17.2	17.9	18.6	19.3
85°	22.4	24.3	27.0	29.6	31.9	33.8	35.5	36.9	39.3	42.0	44.7
82.5°	38.2	42.4	46.5	50.4	53.1	55.3	57.4	60.5	65.8	71.0	75.7
80°	54.9	60.4	66.7	72.8	78.1	83.4	88.8	94.5	100.4	105.9	111.2
77.5°	73.2	81.3	89.2	96.8	104.5	112.8	120.8	128.4	135.8	142.8	149.5
75°	92.3	102.0	112.7	123.3	133.5	143.5	153.2	163.6	173.6	183.1	192.1
72.5°	112.5	125.4	138.1	150.4	163.7	176.7	189.3	201.4	213.2	225.6	238.6
70°	133.9	148.7	165.1	180.9	195.8	211.3	226.9	240.2	253.0	270.0	287.5
67.5°	156.0	175.9	194.5	212.3	232.1	250.4	266.2	283.3	301.5	321.1	338.3
65°	182.0	203.6	225.2	247.7	270.6	289.6	309.5	330.6	351.2	370.8	389.5
62.5°	207.6	232.1	256.9	281.4	304.9	327.8	351.8	375.2	397.8	420.7	440.8
60°	232.3	260.1	286.3	311.9	338.6	367.0	393.5	419.5	446.6	472.5	486.0
57.5°	256.2	285.9	313.3	342.0	373.3	405.4	433.3	462.8	486.0	503.9	521.4
55°	278.7	309.5	339.5	371.8	405.8	439.2	470.2	496.5	517.9	534.4	552.9
52.5°	299.7	332.2	364.9	400.2	436.3	471.8	504.3	528.9	548.2	565.0	582.4
50°	320.3	354.5	389.0	427.7	466.4	504.2	536.0	558.5	576.8	594.0	611.9
47.5°	340.6	376.5	413.7	454.9	496.7	533.3	563.5	584.0	602.4	622.7	642.3
45°	360.5	399.3	438.8	483.0	525.0	560.3	585.9	606.5	629.2	651.1	672.1
42.5°	380.0	421.8	464.5	510.4	551.1	582.8	606.7	631.1	655.5	678.9	702.5
40°	399.6	443.4	488.7	534.3	575.2	602.6	627.9	654.2	681.2	706.5	732.8
37.5°	418.4	463.8	510.4	556.5	593.7	621.4	647.7	676.7	705.2	732.8	767.0
35°	436.2	482.3	529.3	573.9	609.7	638.4	667.8	698.3	728.2	763.9	802.9
32.5°	452.2	498.9	546.6	588.1	623.1	654.1	687.1	719.0	754.8	795.3	842.0
30°	465.7	513.4	561.3	601.8	636.1	668.8	704.6	739.8	781.7	830.3	885.9
27.5°	477.4	526.5	573.0	613.6	648.4	681.0	718.7	763.1	811.2	865.7	931.0
25°	488.5	539.7	584.0	624.4	658.3	692.4	732.7	781.7	839.6	905.3	985.2
22.5°	498.9	552.3	595.3	634.6	666.0	702.8	748.2	801.6	864.5	941.5	1038.8
20°	508.9	561.8	604.2	642.6	671.7	711.9	762.0	818.9	890.4	982.2	1094.8
17.5°	518.0	569.9	611.3	647.4	679.3	721.6	774.0	833.0	912.9	1019.2	1146.2
15°	526.4	576.7	616.9	651.2	686.1	731.8	786.6	850.5	937.8	1054.5	1191.8
12.5°	533.8	582.1	621.2	654.2	691.5	740.1	797.8	868.8	964.6	1089.2	1249.5
10°	540.1	586.4	624.3	656.3	695.6	746.4	807.1	883.6	985.9	1116.0	1294.0
7.5°	545.4	589.7	626.4	657.4	698.2	750.9	814.4	894.9	1000.8	1135.1	1326.1
5°	549.2	592.4	628.9	661.1	702.3	754.4	819.8	902.6	1009.6	1146.4	1346.0
2.5°	551.4	594.0	630.4	664.7	706.8	757.4	823.8	911.1	1016.7	1157.5	1361.2
0°	552.1	594.5	630.9	667.3	709.8	758.3	825.1	916.1	1019.2	1164.8	1371.0
-2.5°	551.4	594.0	630.4	664.7	706.8	757.4	823.8	911.1	1016.7	1157.5	1361.2
-5°	549.2	592.4	628.9	661.1	702.3	754.4	819.8	902.6	1009.6	1146.4	1346.0
-7.5°	545.4	589.7	626.4	657.4	698.2	750.9	814.4	894.9	1000.8	1135.1	1326.1
-10°	540.1	586.4	624.3	656.3	695.6	746.4	807.1	883.6	985.9	1116.0	1294.0
-12.5°	533.8	582.1	621.2	654.2	691.5	740.1	797.8	868.8	964.6	1089.2	1249.5
-15°	526.4	576.7	616.9	651.2	686.1	731.8	786.6	850.5	937.8	1054.5	1191.8
-17.5°	518.0	569.9	611.3	647.4	679.3	721.6	774.0	833.0	912.9	1019.2	1146.2
-20°	508.9	561.8	604.2	642.6	671.7	711.9	762.0	818.9	890.4	982.2	1094.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627819 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-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°	498.9	552.3	595.3	634.6	666.0	702.8	748.2	801.6	864.5	941.5	1038.8
-25°	488.5	539.7	584.0	624.4	658.3	692.4	732.7	781.7	839.6	905.3	985.2
-27.5°	477.4	526.5	573.0	613.6	648.4	681.0	718.7	763.1	811.2	865.7	931.0
-30°	465.7	513.4	561.3	601.8	636.1	668.8	704.6	739.8	781.7	830.3	885.9
-32.5°	452.2	498.9	546.6	588.1	623.1	654.1	687.1	719.0	754.8	795.3	842.0
-35°	436.2	482.3	529.3	573.9	609.7	638.4	667.8	698.3	728.2	763.9	802.9
-37.5°	418.4	463.8	510.4	556.5	593.7	621.4	647.7	676.7	705.2	732.8	767.0
-40°	399.6	443.4	488.7	534.3	575.2	602.6	627.9	654.2	681.2	706.5	732.8
-42.5°	380.0	421.8	464.5	510.4	551.1	582.8	606.7	631.1	655.5	678.9	702.5
-45°	360.5	399.3	438.8	483.0	525.0	560.3	585.9	606.5	629.2	651.1	672.1
-47.5°	340.6	376.5	413.7	454.9	496.7	533.3	563.5	584.0	602.4	622.7	642.3
-50°	320.3	354.5	389.0	427.7	466.4	504.2	536.0	558.5	576.8	594.0	611.9
-52.5°	299.7	332.2	364.9	400.2	436.3	471.8	504.3	528.9	548.2	565.0	582.4
-55°	278.7	309.5	339.5	371.8	405.8	439.2	470.2	496.5	517.9	534.4	552.9
-57.5°	256.2	285.9	313.3	342.0	373.3	405.4	433.3	462.8	486.0	503.9	521.4
-60°	232.3	260.1	286.3	311.9	338.6	367.0	393.5	419.5	446.6	472.5	486.0
-62.5°	207.6	232.1	256.9	281.4	304.9	327.8	351.8	375.2	397.8	420.7	440.8
-65°	182.0	203.6	225.2	247.7	270.6	289.6	309.5	330.6	351.2	370.8	389.5
-67.5°	156.0	175.9	194.5	212.3	232.1	250.4	266.2	283.3	301.5	321.1	338.3
-70°	133.9	148.7	165.1	180.9	195.8	211.3	226.9	240.2	253.0	270.0	287.5
-72.5°	112.5	125.4	138.1	150.4	163.7	176.7	189.3	201.4	213.2	225.6	238.6
-75°	92.3	102.0	112.7	123.3	133.5	143.5	153.2	163.6	173.6	183.1	192.1
-77.5°	73.2	81.3	89.2	96.8	104.5	112.8	120.8	128.4	135.8	142.8	149.5
-80°	54.9	60.4	66.7	72.8	78.1	83.4	88.8	94.5	100.4	105.9	111.2
-82.5°	38.2	42.4	46.5	50.4	53.1	55.3	57.4	60.5	65.8	71.0	75.7
-85°	22.4	24.3	27.0	29.6	31.9	33.8	35.5	36.9	39.3	42.0	44.7
-87.5°	11.2	12.1	13.1	13.9	14.8	15.6	16.4	17.2	17.9	18.6	19.3
-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: P627819 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-735-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°	19.9	20.5	21.0	21.6	22.0	22.4	22.8	23.2	23.5	22.2	20.9
85°	47.5	49.3	50.9	52.5	53.9	55.1	56.3	57.3	58.2	57.5	56.6
82.5°	79.9	83.1	86.0	88.7	91.1	93.4	95.4	97.2	98.7	98.6	98.2
80°	116.3	121.5	126.7	131.9	136.9	140.0	142.3	144.0	145.1	145.6	145.8
77.5°	156.3	164.4	172.8	181.0	189.1	193.7	197.1	199.8	202.0	202.5	202.1
75°	200.6	211.0	222.5	232.5	241.2	246.5	250.2	253.3	255.8	256.4	256.2
72.5°	252.2	265.0	275.2	283.7	291.0	296.7	301.4	305.3	308.5	309.8	310.0
70°	302.8	315.5	325.3	333.8	341.0	347.0	352.5	357.2	361.2	364.1	366.2
67.5°	354.2	368.7	378.7	386.4	392.6	398.8	406.2	412.6	417.9	421.6	423.3
65°	406.9	421.8	431.5	440.0	447.5	455.4	463.6	469.6	473.6	476.1	477.7
62.5°	458.0	471.9	484.0	495.3	506.1	515.1	520.8	525.8	530.2	533.8	536.5
60°	501.8	519.5	533.1	544.0	554.6	564.8	571.7	577.2	581.5	584.7	586.6
57.5°	539.2	557.3	573.4	583.8	595.3	607.5	615.6	620.2	624.5	628.1	629.8
55°	571.9	588.6	603.4	617.7	630.6	641.6	650.1	656.4	661.6	665.8	667.2
52.5°	601.4	619.5	636.9	652.1	664.8	675.3	683.7	691.5	697.4	701.4	703.2
50°	632.3	651.8	670.4	687.1	700.1	711.9	722.4	731.6	740.3	747.2	752.1
47.5°	662.7	683.6	704.1	722.4	738.0	755.1	770.5	783.4	796.1	806.4	813.5
45°	693.3	717.4	739.8	763.5	784.6	806.9	827.7	845.6	864.1	878.0	887.4
42.5°	727.4	754.8	781.7	811.2	839.9	869.1	900.6	928.7	950.4	970.8	987.3
40°	763.9	795.3	830.3	866.5	908.9	947.4	989.7	1026.1	1058.9	1093.7	1121.3
37.5°	802.9	842.0	888.1	936.4	991.3	1044.0	1099.3	1153.6	1201.1	1257.0	1299.7
35°	845.9	898.2	954.9	1020.3	1088.6	1164.1	1239.7	1327.1	1402.3	1485.1	1557.2
32.5°	896.8	959.2	1033.7	1119.9	1207.7	1322.2	1429.2	1568.4	1688.6	1819.9	1952.2
30°	949.2	1030.7	1126.9	1235.5	1375.0	1532.5	1708.1	1915.0	2128.4	2334.8	2583.9
27.5°	1014.2	1112.5	1228.9	1387.6	1593.0	1805.8	2107.8	2418.4	2810.6	3135.1	3592.4
25°	1081.7	1197.4	1362.7	1578.6	1846.7	2216.1	2674.2	3170.7	3860.8	4467.1	5178.1
22.5°	1155.1	1311.3	1517.1	1783.5	2190.1	2757.1	3450.7	4385.4	5403.2	6483.9	7558.8
20°	1231.6	1420.6	1690.3	2076.5	2634.3	3402.4	4593.1	6036.0	7490.1	9273.1	10852.1
17.5°	1320.2	1560.8	1893.2	2376.0	3120.5	4296.9	5948.8	7963.2	10219.1	12782.8	15059.0
15°	1394.0	1680.9	2100.4	2776.0	3799.8	5310.7	7393.8	10165.0	13555.0	16998.1	20491.3
12.5°	1479.7	1811.6	2304.3	3109.8	4395.7	6403.6	9239.1	12746.7	16980.4	21756.1	27386.1
10°	1555.7	1939.9	2552.3	3549.4	5120.9	7543.4	10984.7	15204.5	20668.2	27539.4	36257.8
7.5°	1612.1	2042.0	2743.9	3884.1	5747.9	8639.3	12634.0	17896.1	24838.5	33911.9	45877.3
5°	1648.7	2115.9	2879.4	4142.2	6238.7	9455.0	13842.7	19805.1	28180.6	41013.4	61275.2
2.5°	1670.6	2159.6	2956.7	4293.6	6537.1	9995.3	14762.3	21248.6	30346.5	45402.1	71178.9
0°	1680.4	2171.8	3003.0	4374.0	6636.8	10204.0	15184.6	21906.4	31315.7	46427.5	72920.3
-2.5°	1670.6	2159.6	2956.7	4293.6	6537.1	9995.3	14762.3	21248.6	30346.5	45402.1	71178.9
-5°	1648.7	2115.9	2879.4	4142.2	6238.7	9455.0	13842.7	19805.1	28180.6	41013.4	61275.2
-7.5°	1612.1	2042.0	2743.9	3884.1	5747.9	8639.3	12634.0	17896.1	24838.5	33911.9	45877.3
-10°	1555.7	1939.9	2552.3	3549.4	5120.9	7543.4	10984.7	15204.5	20668.2	27539.4	36257.8
-12.5°	1479.7	1811.6	2304.3	3109.8	4395.7	6403.6	9239.1	12746.7	16980.4	21756.1	27386.1
-15°	1394.0	1680.9	2100.4	2776.0	3799.8	5310.7	7393.8	10165.0	13555.0	16998.1	20491.3
-17.5°	1320.2	1560.8	1893.2	2376.0	3120.5	4296.9	5948.8	7963.2	10219.1	12782.8	15059.0
-20°	1231.6	1420.6	1690.3	2076.5	2634.3	3402.4	4593.1	6036.0	7490.1	9273.1	10852.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627819 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1155.1	1311.3	1517.1	1783.5	2190.1	2757.1	3450.7	4385.4	5403.2	6483.9	7558.8
-25°	1081.7	1197.4	1362.7	1578.6	1846.7	2216.1	2674.2	3170.7	3860.8	4467.1	5178.1
-27.5°	1014.2	1112.5	1228.9	1387.6	1593.0	1805.8	2107.8	2418.4	2810.6	3135.1	3592.4
-30°	949.2	1030.7	1126.9	1235.5	1375.0	1532.5	1708.1	1915.0	2128.4	2334.8	2583.9
-32.5°	896.8	959.2	1033.7	1119.9	1207.7	1322.2	1429.2	1568.4	1688.6	1819.9	1952.2
-35°	845.9	898.2	954.9	1020.3	1088.6	1164.1	1239.7	1327.1	1402.3	1485.1	1557.2
-37.5°	802.9	842.0	888.1	936.4	991.3	1044.0	1099.3	1153.6	1201.1	1257.0	1299.7
-40°	763.9	795.3	830.3	866.5	908.9	947.4	989.7	1026.1	1058.9	1093.7	1121.3
-42.5°	727.4	754.8	781.7	811.2	839.9	869.1	900.6	928.7	950.4	970.8	987.3
-45°	693.3	717.4	739.8	763.5	784.6	806.9	827.7	845.6	864.1	878.0	887.4
-47.5°	662.7	683.6	704.1	722.4	738.0	755.1	770.5	783.4	796.1	806.4	813.5
-50°	632.3	651.8	670.4	687.1	700.1	711.9	722.4	731.6	740.3	747.2	752.1
-52.5°	601.4	619.5	636.9	652.1	664.8	675.3	683.7	691.5	697.4	701.4	703.2
-55°	571.9	588.6	603.4	617.7	630.6	641.6	650.1	656.4	661.6	665.8	667.2
-57.5°	539.2	557.3	573.4	583.8	595.3	607.5	615.6	620.2	624.5	628.1	629.8
-60°	501.8	519.5	533.1	544.0	554.6	564.8	571.7	577.2	581.5	584.7	586.6
-62.5°	458.0	471.9	484.0	495.3	506.1	515.1	520.8	525.8	530.2	533.8	536.5
-65°	406.9	421.8	431.5	440.0	447.5	455.4	463.6	469.6	473.6	476.1	477.7
-67.5°	354.2	368.7	378.7	386.4	392.6	398.8	406.2	412.6	417.9	421.6	423.3
-70°	302.8	315.5	325.3	333.8	341.0	347.0	352.5	357.2	361.2	364.1	366.2
-72.5°	252.2	265.0	275.2	283.7	291.0	296.7	301.4	305.3	308.5	309.8	310.0
-75°	200.6	211.0	222.5	232.5	241.2	246.5	250.2	253.3	255.8	256.4	256.2
-77.5°	156.3	164.4	172.8	181.0	189.1	193.7	197.1	199.8	202.0	202.5	202.1
-80°	116.3	121.5	126.7	131.9	136.9	140.0	142.3	144.0	145.1	145.6	145.8
-82.5°	79.9	83.1	86.0	88.7	91.1	93.4	95.4	97.2	98.7	98.6	98.2
-85°	47.5	49.3	50.9	52.5	53.9	55.1	56.3	57.3	58.2	57.5	56.6
-87.5°	19.9	20.5	21.0	21.6	22.0	22.4	22.8	23.2	23.5	22.2	20.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627819 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-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°	19.6	18.1	18.2	18.2	18.2	18.1	19.6	20.9	22.2	23.5	23.2
85°	55.5	54.3	54.5	54.6	54.5	54.3	55.5	56.6	57.5	58.2	57.3
82.5°	97.5	96.6	97.0	97.1	97.0	96.6	97.5	98.2	98.6	98.7	97.2
80°	145.5	144.9	142.4	139.5	142.4	144.9	145.5	145.8	145.6	145.1	144.0
77.5°	201.0	199.3	197.0	194.1	197.0	199.3	201.0	202.1	202.5	202.0	199.8
75°	255.3	253.7	254.5	254.8	254.5	253.7	255.3	256.2	256.4	255.8	253.3
72.5°	309.5	308.2	309.0	309.4	309.0	308.2	309.5	310.0	309.8	308.5	305.3
70°	367.7	368.4	366.8	364.0	366.8	368.4	367.7	366.2	364.1	361.2	357.2
67.5°	423.9	423.2	421.4	418.6	421.4	423.2	423.9	423.3	421.6	417.9	412.6
65°	478.3	477.7	478.7	479.3	478.7	477.7	478.3	477.7	476.1	473.6	469.6
62.5°	537.9	537.9	536.6	533.9	536.6	537.9	537.9	536.5	533.8	530.2	525.8
60°	587.4	587.0	585.3	582.4	585.3	587.0	587.4	586.6	584.7	581.5	577.2
57.5°	630.3	629.7	627.9	624.9	627.9	629.7	630.3	629.8	628.1	624.5	620.2
55°	667.4	666.4	664.4	661.3	664.4	666.4	667.4	667.2	665.8	661.6	656.4
52.5°	703.6	702.8	703.1	703.7	703.1	702.8	703.6	703.2	701.4	697.4	691.5
50°	755.1	756.2	755.3	752.3	755.3	756.2	755.1	752.1	747.2	740.3	731.6
47.5°	816.9	817.3	815.8	812.9	815.8	817.3	816.9	813.5	806.4	796.1	783.4
45°	894.7	899.1	900.3	897.9	900.3	899.1	894.7	887.4	878.0	864.1	845.6
42.5°	1000.1	1006.9	1008.9	1007.1	1008.9	1006.9	1000.1	987.3	970.8	950.4	928.7
40°	1138.3	1146.2	1147.6	1146.6	1147.6	1146.2	1138.3	1121.3	1093.7	1058.9	1026.1
37.5°	1329.7	1348.9	1357.9	1358.9	1357.9	1348.9	1329.7	1299.7	1257.0	1201.1	1153.6
35°	1612.1	1650.2	1670.6	1680.4	1670.6	1650.2	1612.1	1557.2	1485.1	1402.3	1327.1
32.5°	2052.4	2128.6	2170.9	2165.8	2170.9	2128.6	2052.4	1952.2	1819.9	1688.6	1568.4
30°	2771.7	2905.1	2972.2	2954.4	2972.2	2905.1	2771.7	2583.9	2334.8	2128.4	1915.0
27.5°	3920.9	4162.0	4301.4	4283.0	4301.4	4162.0	3920.9	3592.4	3135.1	2810.6	2418.4
25°	5772.5	6212.6	6494.3	6424.5	6494.3	6212.6	5772.5	5178.1	4467.1	3860.8	3170.7
22.5°	8589.3	9334.7	9828.0	9767.2	9828.0	9334.7	8589.3	7558.8	6483.9	5403.2	4385.4
20°	12453.1	13587.7	14397.9	14505.2	14397.9	13587.7	12453.1	10852.1	9273.1	7490.1	6036.0
17.5°	17517.8	19316.8	20569.0	20778.0	20569.0	19316.8	17517.8	15059.0	12782.8	10219.1	7963.2
15°	24100.1	27040.4	29168.4	29344.0	29168.4	27040.4	24100.1	20491.3	16998.1	13555.0	10165.0
12.5°	33037.8	38951.7	42811.3	44510.5	42811.3	38951.7	33037.8	27386.1	21756.1	16980.4	12746.7
10°	45407.1	58991.0	67690.4	70960.8	67690.4	58991.0	45407.1	36257.8	27539.4	20668.2	15204.5
7.5°	66067.7	87394.8	111104.9	121210.3	111104.9	87394.8	66067.7	45877.3	33911.9	24838.5	17896.1
5°	89464.2	133726.3	175827.6	192268.0	175827.6	133726.3	89464.2	61275.2	41013.4	28180.6	19805.1
2.5°	114083.2	175778.3	233591.3	256200.7	233591.3	175778.3	114083.2	71178.9	45402.1	30346.5	21248.6
0°	123697.5	194191.2	257799.2	283151.4	257799.2	194191.2	123697.5	72920.3	46427.5	31315.7	21906.4
-2.5°	114083.2	175778.3	233591.3	256200.7	233591.3	175778.3	114083.2	71178.9	45402.1	30346.5	21248.6
-5°	89464.2	133726.3	175827.6	192268.0	175827.6	133726.3	89464.2	61275.2	41013.4	28180.6	19805.1
-7.5°	66067.7	87394.8	111104.9	121210.3	111104.9	87394.8	66067.7	45877.3	33911.9	24838.5	17896.1
-10°	45407.1	58991.0	67690.4	70960.8	67690.4	58991.0	45407.1	36257.8	27539.4	20668.2	15204.5
-12.5°	33037.8	38951.7	42811.3	44510.5	42811.3	38951.7	33037.8	27386.1	21756.1	16980.4	12746.7
-15°	24100.1	27040.4	29168.4	29344.0	29168.4	27040.4	24100.1	20491.3	16998.1	13555.0	10165.0
-17.5°	17517.8	19316.8	20569.0	20778.0	20569.0	19316.8	17517.8	15059.0	12782.8	10219.1	7963.2
-20°	12453.1	13587.7	14397.9	14505.2	14397.9	13587.7	12453.1	10852.1	9273.1	7490.1	6036.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627819 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-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°	8589.3	9334.7	9828.0	9767.2	9828.0	9334.7	8589.3	7558.8	6483.9	5403.2	4385.4
-25°	5772.5	6212.6	6494.3	6424.5	6494.3	6212.6	5772.5	5178.1	4467.1	3860.8	3170.7
-27.5°	3920.9	4162.0	4301.4	4283.0	4301.4	4162.0	3920.9	3592.4	3135.1	2810.6	2418.4
-30°	2771.7	2905.1	2972.2	2954.4	2972.2	2905.1	2771.7	2583.9	2334.8	2128.4	1915.0
-32.5°	2052.4	2128.6	2170.9	2165.8	2170.9	2128.6	2052.4	1952.2	1819.9	1688.6	1568.4
-35°	1612.1	1650.2	1670.6	1680.4	1670.6	1650.2	1612.1	1557.2	1485.1	1402.3	1327.1
-37.5°	1329.7	1348.9	1357.9	1358.9	1357.9	1348.9	1329.7	1299.7	1257.0	1201.1	1153.6
-40°	1138.3	1146.2	1147.6	1146.6	1147.6	1146.2	1138.3	1121.3	1093.7	1058.9	1026.1
-42.5°	1000.1	1006.9	1008.9	1007.1	1008.9	1006.9	1000.1	987.3	970.8	950.4	928.7
-45°	894.7	899.1	900.3	897.9	900.3	899.1	894.7	887.4	878.0	864.1	845.6
-47.5°	816.9	817.3	815.8	812.9	815.8	817.3	816.9	813.5	806.4	796.1	783.4
-50°	755.1	756.2	755.3	752.3	755.3	756.2	755.1	752.1	747.2	740.3	731.6
-52.5°	703.6	702.8	703.1	703.7	703.1	702.8	703.6	703.2	701.4	697.4	691.5
-55°	667.4	666.4	664.4	661.3	664.4	666.4	667.4	667.2	665.8	661.6	656.4
-57.5°	630.3	629.7	627.9	624.9	627.9	629.7	630.3	629.8	628.1	624.5	620.2
-60°	587.4	587.0	585.3	582.4	585.3	587.0	587.4	586.6	584.7	581.5	577.2
-62.5°	537.9	537.9	536.6	533.9	536.6	537.9	537.9	536.5	533.8	530.2	525.8
-65°	478.3	477.7	478.7	479.3	478.7	477.7	478.3	477.7	476.1	473.6	469.6
-67.5°	423.9	423.2	421.4	418.6	421.4	423.2	423.9	423.3	421.6	417.9	412.6
-70°	367.7	368.4	366.8	364.0	366.8	368.4	367.7	366.2	364.1	361.2	357.2
-72.5°	309.5	308.2	309.0	309.4	309.0	308.2	309.5	310.0	309.8	308.5	305.3
-75°	255.3	253.7	254.5	254.8	254.5	253.7	255.3	256.2	256.4	255.8	253.3
-77.5°	201.0	199.3	197.0	194.1	197.0	199.3	201.0	202.1	202.5	202.0	199.8
-80°	145.5	144.9	142.4	139.5	142.4	144.9	145.5	145.8	145.6	145.1	144.0
-82.5°	97.5	96.6	97.0	97.1	97.0	96.6	97.5	98.2	98.6	98.7	97.2
-85°	55.5	54.3	54.5	54.6	54.5	54.3	55.5	56.6	57.5	58.2	57.3
-87.5°	19.6	18.1	18.2	18.2	18.2	18.1	19.6	20.9	22.2	23.5	23.2
-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: P627819 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-735-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°	22.8	22.4	22.0	21.6	21.0	20.5	19.9	19.3	18.6	17.9	17.2
85°	56.3	55.1	53.9	52.5	50.9	49.3	47.5	44.7	42.0	39.3	36.9
82.5°	95.4	93.4	91.1	88.7	86.0	83.1	79.9	75.7	71.0	65.8	60.5
80°	142.3	140.0	136.9	131.9	126.7	121.5	116.3	111.2	105.9	100.4	94.5
77.5°	197.1	193.7	189.1	181.0	172.8	164.4	156.3	149.5	142.8	135.8	128.4
75°	250.2	246.5	241.2	232.5	222.5	211.0	200.6	192.1	183.1	173.6	163.6
72.5°	301.4	296.7	291.0	283.7	275.2	265.0	252.2	238.6	225.6	213.2	201.4
70°	352.5	347.0	341.0	333.8	325.3	315.5	302.8	287.5	270.0	253.0	240.2
67.5°	406.2	398.8	392.6	386.4	378.7	368.7	354.2	338.3	321.1	301.5	283.3
65°	463.6	455.4	447.5	440.0	431.5	421.8	406.9	389.5	370.8	351.2	330.6
62.5°	520.8	515.1	506.1	495.3	484.0	471.9	458.0	440.8	420.7	397.8	375.2
60°	571.7	564.8	554.6	544.0	533.1	519.5	501.8	486.0	472.5	446.6	419.5
57.5°	615.6	607.5	595.3	583.8	573.4	557.3	539.2	521.4	503.9	486.0	462.8
55°	650.1	641.6	630.6	617.7	603.4	588.6	571.9	552.9	534.4	517.9	496.5
52.5°	683.7	675.3	664.8	652.1	636.9	619.5	601.4	582.4	565.0	548.2	528.9
50°	722.4	711.9	700.1	687.1	670.4	651.8	632.3	611.9	594.0	576.8	558.5
47.5°	770.5	755.1	738.0	722.4	704.1	683.6	662.7	642.3	622.7	602.4	584.0
45°	827.7	806.9	784.6	763.5	739.8	717.4	693.3	672.1	651.1	629.2	606.5
42.5°	900.6	869.1	839.9	811.2	781.7	754.8	727.4	702.5	678.9	655.5	631.1
40°	989.7	947.4	908.9	866.5	830.3	795.3	763.9	732.8	706.5	681.2	654.2
37.5°	1099.3	1044.0	991.3	936.4	888.1	842.0	802.9	767.0	732.8	705.2	676.7
35°	1239.7	1164.1	1088.6	1020.3	954.9	898.2	845.9	802.9	763.9	728.2	698.3
32.5°	1429.2	1322.2	1207.7	1119.9	1033.7	959.2	896.8	842.0	795.3	754.8	719.0
30°	1708.1	1532.5	1375.0	1235.5	1126.9	1030.7	949.2	885.9	830.3	781.7	739.8
27.5°	2107.8	1805.8	1593.0	1387.6	1228.9	1112.5	1014.2	931.0	865.7	811.2	763.1
25°	2674.2	2216.1	1846.7	1578.6	1362.7	1197.4	1081.7	985.2	905.3	839.6	781.7
22.5°	3450.7	2757.1	2190.1	1783.5	1517.1	1311.3	1155.1	1038.8	941.5	864.5	801.6
20°	4593.1	3402.4	2634.3	2076.5	1690.3	1420.6	1231.6	1094.8	982.2	890.4	818.9
17.5°	5948.8	4296.9	3120.5	2376.0	1893.2	1560.8	1320.2	1146.2	1019.2	912.9	833.0
15°	7393.8	5310.7	3799.8	2776.0	2100.4	1680.9	1394.0	1191.8	1054.5	937.8	850.5
12.5°	9239.1	6403.6	4395.7	3109.8	2304.3	1811.6	1479.7	1249.5	1089.2	964.6	868.8
10°	10984.7	7543.4	5120.9	3549.4	2552.3	1939.9	1555.7	1294.0	1116.0	985.9	883.6
7.5°	12634.0	8639.3	5747.9	3884.1	2743.9	2042.0	1612.1	1326.1	1135.1	1000.8	894.9
5°	13842.7	9455.0	6238.7	4142.2	2879.4	2115.9	1648.7	1346.0	1146.4	1009.6	902.6
2.5°	14762.3	9995.3	6537.1	4293.6	2956.7	2159.6	1670.6	1361.2	1157.5	1016.7	911.1
0°	15184.6	10204.0	6636.8	4374.0	3003.0	2171.8	1680.4	1371.0	1164.8	1019.2	916.1
-2.5°	14762.3	9995.3	6537.1	4293.6	2956.7	2159.6	1670.6	1361.2	1157.5	1016.7	911.1
-5°	13842.7	9455.0	6238.7	4142.2	2879.4	2115.9	1648.7	1346.0	1146.4	1009.6	902.6
-7.5°	12634.0	8639.3	5747.9	3884.1	2743.9	2042.0	1612.1	1326.1	1135.1	1000.8	894.9
-10°	10984.7	7543.4	5120.9	3549.4	2552.3	1939.9	1555.7	1294.0	1116.0	985.9	883.6
-12.5°	9239.1	6403.6	4395.7	3109.8	2304.3	1811.6	1479.7	1249.5	1089.2	964.6	868.8
-15°	7393.8	5310.7	3799.8	2776.0	2100.4	1680.9	1394.0	1191.8	1054.5	937.8	850.5
-17.5°	5948.8	4296.9	3120.5	2376.0	1893.2	1560.8	1320.2	1146.2	1019.2	912.9	833.0
-20°	4593.1	3402.4	2634.3	2076.5	1690.3	1420.6	1231.6	1094.8	982.2	890.4	818.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627819 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3450.7	2757.1	2190.1	1783.5	1517.1	1311.3	1155.1	1038.8	941.5	864.5	801.6
-25°	2674.2	2216.1	1846.7	1578.6	1362.7	1197.4	1081.7	985.2	905.3	839.6	781.7
-27.5°	2107.8	1805.8	1593.0	1387.6	1228.9	1112.5	1014.2	931.0	865.7	811.2	763.1
-30°	1708.1	1532.5	1375.0	1235.5	1126.9	1030.7	949.2	885.9	830.3	781.7	739.8
-32.5°	1429.2	1322.2	1207.7	1119.9	1033.7	959.2	896.8	842.0	795.3	754.8	719.0
-35°	1239.7	1164.1	1088.6	1020.3	954.9	898.2	845.9	802.9	763.9	728.2	698.3
-37.5°	1099.3	1044.0	991.3	936.4	888.1	842.0	802.9	767.0	732.8	705.2	676.7
-40°	989.7	947.4	908.9	866.5	830.3	795.3	763.9	732.8	706.5	681.2	654.2
-42.5°	900.6	869.1	839.9	811.2	781.7	754.8	727.4	702.5	678.9	655.5	631.1
-45°	827.7	806.9	784.6	763.5	739.8	717.4	693.3	672.1	651.1	629.2	606.5
-47.5°	770.5	755.1	738.0	722.4	704.1	683.6	662.7	642.3	622.7	602.4	584.0
-50°	722.4	711.9	700.1	687.1	670.4	651.8	632.3	611.9	594.0	576.8	558.5
-52.5°	683.7	675.3	664.8	652.1	636.9	619.5	601.4	582.4	565.0	548.2	528.9
-55°	650.1	641.6	630.6	617.7	603.4	588.6	571.9	552.9	534.4	517.9	496.5
-57.5°	615.6	607.5	595.3	583.8	573.4	557.3	539.2	521.4	503.9	486.0	462.8
-60°	571.7	564.8	554.6	544.0	533.1	519.5	501.8	486.0	472.5	446.6	419.5
-62.5°	520.8	515.1	506.1	495.3	484.0	471.9	458.0	440.8	420.7	397.8	375.2
-65°	463.6	455.4	447.5	440.0	431.5	421.8	406.9	389.5	370.8	351.2	330.6
-67.5°	406.2	398.8	392.6	386.4	378.7	368.7	354.2	338.3	321.1	301.5	283.3
-70°	352.5	347.0	341.0	333.8	325.3	315.5	302.8	287.5	270.0	253.0	240.2
-72.5°	301.4	296.7	291.0	283.7	275.2	265.0	252.2	238.6	225.6	213.2	201.4
-75°	250.2	246.5	241.2	232.5	222.5	211.0	200.6	192.1	183.1	173.6	163.6
-77.5°	197.1	193.7	189.1	181.0	172.8	164.4	156.3	149.5	142.8	135.8	128.4
-80°	142.3	140.0	136.9	131.9	126.7	121.5	116.3	111.2	105.9	100.4	94.5
-82.5°	95.4	93.4	91.1	88.7	86.0	83.1	79.9	75.7	71.0	65.8	60.5
-85°	56.3	55.1	53.9	52.5	50.9	49.3	47.5	44.7	42.0	39.3	36.9
-87.5°	22.8	22.4	22.0	21.6	21.0	20.5	19.9	19.3	18.6	17.9	17.2
-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: P627819 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-735-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°	16.4	15.6	14.8	13.9	13.1	12.1	11.2	10.3	9.3	8.3	7.3
85°	35.5	33.8	31.9	29.6	27.0	24.3	22.4	20.5	18.6	16.6	14.6
82.5°	57.4	55.3	53.1	50.4	46.5	42.4	38.2	33.9	29.6	25.2	21.9
80°	88.8	83.4	78.1	72.8	66.7	60.4	54.9	49.2	43.4	37.5	31.5
77.5°	120.8	112.8	104.5	96.8	89.2	81.3	73.2	64.9	57.1	49.7	42.2
75°	153.2	143.5	133.5	123.3	112.7	102.0	92.3	82.4	72.3	62.0	52.9
72.5°	189.3	176.7	163.7	150.4	138.1	125.4	112.5	99.7	88.0	76.0	63.9
70°	226.9	211.3	195.8	180.9	165.1	148.7	133.9	118.9	103.5	89.8	76.0
67.5°	266.2	250.4	232.1	212.3	194.5	175.9	156.0	138.2	121.0	103.5	88.0
65°	309.5	289.6	270.6	247.7	225.2	203.6	182.0	158.6	138.2	118.9	99.7
62.5°	351.8	327.8	304.9	281.4	256.9	232.1	207.6	181.3	155.8	133.9	112.5
60°	393.5	367.0	338.6	311.9	286.3	260.1	232.3	203.4	175.4	148.7	125.4
57.5°	433.3	405.4	373.3	342.0	313.3	285.9	256.2	224.8	194.3	164.9	138.0
55°	470.2	439.2	405.8	371.8	339.5	309.5	278.7	245.4	212.6	180.9	150.1
52.5°	504.3	471.8	436.3	400.2	364.9	332.2	299.7	265.2	230.2	196.3	163.1
50°	536.0	504.2	466.4	427.7	389.0	354.5	320.3	284.2	247.0	211.0	175.8
47.5°	563.5	533.3	496.7	454.9	413.7	376.5	340.6	302.7	262.9	225.1	188.1
45°	585.9	560.3	525.0	483.0	438.8	399.3	360.5	320.8	279.2	238.6	199.9
42.5°	606.7	582.8	551.1	510.4	464.5	421.8	380.0	338.5	295.1	251.6	211.2
40°	627.9	602.6	575.2	534.3	488.7	443.4	399.6	355.7	310.4	264.3	222.0
37.5°	647.7	621.4	593.7	556.5	510.4	463.8	418.4	372.3	324.7	277.0	232.2
35°	667.8	638.4	609.7	573.9	529.3	482.3	436.2	388.3	338.2	288.8	241.8
32.5°	687.1	654.1	623.1	588.1	546.6	498.9	452.2	402.3	350.8	299.6	250.9
30°	704.6	668.8	636.1	601.8	561.3	513.4	465.7	414.9	362.5	309.6	259.4
27.5°	718.7	681.0	648.4	613.6	573.0	526.5	477.4	426.3	373.3	318.8	267.4
25°	732.7	692.4	658.3	624.4	584.0	539.7	488.5	436.4	382.8	327.5	274.7
22.5°	748.2	702.8	666.0	634.6	595.3	552.3	498.9	445.1	391.0	335.3	281.1
20°	762.0	711.9	671.7	642.6	604.2	561.8	508.9	453.0	398.1	342.2	286.8
17.5°	774.0	721.6	679.3	647.4	611.3	569.9	518.0	460.0	404.1	348.2	291.6
15°	786.6	731.8	686.1	651.2	616.9	576.7	526.4	466.0	408.9	353.3	295.9
12.5°	797.8	740.1	691.5	654.2	621.2	582.1	533.8	471.0	412.6	357.6	299.8
10°	807.1	746.4	695.6	656.3	624.3	586.4	540.1	475.9	416.7	360.9	303.2
7.5°	814.4	750.9	698.2	657.4	626.4	589.7	545.4	481.4	420.1	363.2	305.8
5°	819.8	754.4	702.3	661.1	628.9	592.4	549.2	486.0	422.6	364.4	307.8
2.5°	823.8	757.4	706.8	664.7	630.4	594.0	551.4	489.3	424.2	364.7	309.0
0°	825.1	758.3	709.8	667.3	630.9	594.5	552.1	491.4	424.7	364.0	309.4
-2.5°	823.8	757.4	706.8	664.7	630.4	594.0	551.4	489.3	424.2	364.7	309.0
-5°	819.8	754.4	702.3	661.1	628.9	592.4	549.2	486.0	422.6	364.4	307.8
-7.5°	814.4	750.9	698.2	657.4	626.4	589.7	545.4	481.4	420.1	363.2	305.8
-10°	807.1	746.4	695.6	656.3	624.3	586.4	540.1	475.9	416.7	360.9	303.2
-12.5°	797.8	740.1	691.5	654.2	621.2	582.1	533.8	471.0	412.6	357.6	299.8
-15°	786.6	731.8	686.1	651.2	616.9	576.7	526.4	466.0	408.9	353.3	295.9
-17.5°	774.0	721.6	679.3	647.4	611.3	569.9	518.0	460.0	404.1	348.2	291.6
-20°	762.0	711.9	671.7	642.6	604.2	561.8	508.9	453.0	398.1	342.2	286.8



REPORT NUMBER: P627819 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	748.2	702.8	666.0	634.6	595.3	552.3	498.9	445.1	391.0	335.3	281.1
-25°	732.7	692.4	658.3	624.4	584.0	539.7	488.5	436.4	382.8	327.5	274.7
-27.5°	718.7	681.0	648.4	613.6	573.0	526.5	477.4	426.3	373.3	318.8	267.4
-30°	704.6	668.8	636.1	601.8	561.3	513.4	465.7	414.9	362.5	309.6	259.4
-32.5°	687.1	654.1	623.1	588.1	546.6	498.9	452.2	402.3	350.8	299.6	250.9
-35°	667.8	638.4	609.7	573.9	529.3	482.3	436.2	388.3	338.2	288.8	241.8
-37.5°	647.7	621.4	593.7	556.5	510.4	463.8	418.4	372.3	324.7	277.0	232.2
-40°	627.9	602.6	575.2	534.3	488.7	443.4	399.6	355.7	310.4	264.3	222.0
-42.5°	606.7	582.8	551.1	510.4	464.5	421.8	380.0	338.5	295.1	251.6	211.2
-45°	585.9	560.3	525.0	483.0	438.8	399.3	360.5	320.8	279.2	238.6	199.9
-47.5°	563.5	533.3	496.7	454.9	413.7	376.5	340.6	302.7	262.9	225.1	188.1
-50°	536.0	504.2	466.4	427.7	389.0	354.5	320.3	284.2	247.0	211.0	175.8
-52.5°	504.3	471.8	436.3	400.2	364.9	332.2	299.7	265.2	230.2	196.3	163.1
-55°	470.2	439.2	405.8	371.8	339.5	309.5	278.7	245.4	212.6	180.9	150.1
-57.5°	433.3	405.4	373.3	342.0	313.3	285.9	256.2	224.8	194.3	164.9	138.0
-60°	393.5	367.0	338.6	311.9	286.3	260.1	232.3	203.4	175.4	148.7	125.4
-62.5°	351.8	327.8	304.9	281.4	256.9	232.1	207.6	181.3	155.8	133.9	112.5
-65°	309.5	289.6	270.6	247.7	225.2	203.6	182.0	158.6	138.2	118.9	99.7
-67.5°	266.2	250.4	232.1	212.3	194.5	175.9	156.0	138.2	121.0	103.5	88.0
-70°	226.9	211.3	195.8	180.9	165.1	148.7	133.9	118.9	103.5	89.8	76.0
-72.5°	189.3	176.7	163.7	150.4	138.1	125.4	112.5	99.7	88.0	76.0	63.9
-75°	153.2	143.5	133.5	123.3	112.7	102.0	92.3	82.4	72.3	62.0	52.9
-77.5°	120.8	112.8	104.5	96.8	89.2	81.3	73.2	64.9	57.1	49.7	42.2
-80°	88.8	83.4	78.1	72.8	66.7	60.4	54.9	49.2	43.4	37.5	31.5
-82.5°	57.4	55.3	53.1	50.4	46.5	42.4	38.2	33.9	29.6	25.2	21.9
-85°	35.5	33.8	31.9	29.6	27.0	24.3	22.4	20.5	18.6	16.6	14.6
-87.5°	16.4	15.6	14.8	13.9	13.1	12.1	11.2	10.3	9.3	8.3	7.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627819 (CONVERTED FROM TYPE C PHOTOMETRY)

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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°	6.3	5.3	4.2	3.2	2.1	0.9	0.0
85°	12.6	10.5	8.4	6.3	4.2	1.9	0.0
82.5°	18.8	15.7	12.6	9.5	6.3	2.8	0.0
80°	25.4	20.9	16.8	12.6	8.4	3.7	0.0
77.5°	34.6	26.9	20.9	15.7	10.4	4.6	0.0
75°	43.7	34.2	25.3	18.8	12.5	5.5	0.0
72.5°	52.6	41.3	30.8	21.9	14.4	6.3	0.0
70°	61.5	48.3	36.2	25.0	16.4	7.2	0.0
67.5°	71.6	55.2	41.5	28.9	18.2	8.0	0.0
65°	81.6	62.7	46.7	32.6	20.0	8.9	0.0
62.5°	91.3	70.8	51.7	36.3	21.8	9.7	0.0
60°	100.8	78.8	56.6	39.8	23.5	10.4	0.0
57.5°	111.3	86.5	62.7	43.2	25.6	11.2	0.0
55°	121.7	94.0	68.7	46.5	27.8	11.9	0.0
52.5°	131.7	101.5	74.6	49.7	29.9	12.6	0.0
50°	141.4	109.5	80.2	52.8	31.9	13.2	0.0
47.5°	150.9	117.3	85.6	55.9	33.9	13.8	0.0
45°	161.0	124.8	90.8	59.8	35.8	14.4	0.0
42.5°	170.7	131.9	95.7	63.5	37.6	14.9	0.0
40°	179.9	138.6	100.8	67.2	39.4	15.4	0.0
37.5°	188.6	145.1	105.9	70.6	41.1	15.9	0.0
35°	196.8	151.6	110.7	73.9	42.7	16.3	0.0
32.5°	204.5	158.0	115.2	77.0	44.2	16.7	0.0
30°	211.7	164.0	119.4	79.9	45.6	17.1	0.0
27.5°	218.3	169.5	123.5	82.6	47.0	17.4	0.0
25°	224.4	174.5	127.3	85.1	48.2	17.7	0.0
22.5°	229.9	179.0	130.7	87.3	49.4	17.9	0.0
20°	234.8	182.9	133.8	89.4	50.5	18.1	0.0
17.5°	238.8	186.3	136.5	91.2	51.4	18.2	0.0
15°	242.1	189.0	138.9	92.7	52.2	18.3	0.0
12.5°	244.8	191.2	141.0	94.1	52.9	18.4	0.0
10°	246.9	192.8	142.6	95.2	53.5	18.4	0.0
7.5°	248.3	193.9	143.9	96.0	54.0	18.4	0.0
5°	249.1	194.5	144.9	96.6	54.3	18.4	0.0
2.5°	249.2	194.5	145.4	97.0	54.5	18.3	0.0
0°	248.7	194.1	145.6	97.1	54.6	18.2	0.0
-2.5°	249.2	194.5	145.4	97.0	54.5	18.3	0.0
-5°	249.1	194.5	144.9	96.6	54.3	18.4	0.0
-7.5°	248.3	193.9	143.9	96.0	54.0	18.4	0.0
-10°	246.9	192.8	142.6	95.2	53.5	18.4	0.0
-12.5°	244.8	191.2	141.0	94.1	52.9	18.4	0.0
-15°	242.1	189.0	138.9	92.7	52.2	18.3	0.0
-17.5°	238.8	186.3	136.5	91.2	51.4	18.2	0.0
-20°	234.8	182.9	133.8	89.4	50.5	18.1	0.0

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CATALOG NUMBER: GFLD-SA6B-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	229.9	179.0	130.7	87.3	49.4	17.9	0.0
-25°	224.4	174.5	127.3	85.1	48.2	17.7	0.0
-27.5°	218.3	169.5	123.5	82.6	47.0	17.4	0.0
-30°	211.7	164.0	119.4	79.9	45.6	17.1	0.0
-32.5°	204.5	158.0	115.2	77.0	44.2	16.7	0.0
-35°	196.8	151.6	110.7	73.9	42.7	16.3	0.0
-37.5°	188.6	145.1	105.9	70.6	41.1	15.9	0.0
-40°	179.9	138.6	100.8	67.2	39.4	15.4	0.0
-42.5°	170.7	131.9	95.7	63.5	37.6	14.9	0.0
-45°	161.0	124.8	90.8	59.8	35.8	14.4	0.0
-47.5°	150.9	117.3	85.6	55.9	33.9	13.8	0.0
-50°	141.4	109.5	80.2	52.8	31.9	13.2	0.0
-52.5°	131.7	101.5	74.6	49.7	29.9	12.6	0.0
-55°	121.7	94.0	68.7	46.5	27.8	11.9	0.0
-57.5°	111.3	86.5	62.7	43.2	25.6	11.2	0.0
-60°	100.8	78.8	56.6	39.8	23.5	10.4	0.0
-62.5°	91.3	70.8	51.7	36.3	21.8	9.7	0.0
-65°	81.6	62.7	46.7	32.6	20.0	8.9	0.0
-67.5°	71.6	55.2	41.5	28.9	18.2	8.0	0.0
-70°	61.5	48.3	36.2	25.0	16.4	7.2	0.0
-72.5°	52.6	41.3	30.8	21.9	14.4	6.3	0.0
-75°	43.7	34.2	25.3	18.8	12.5	5.5	0.0
-77.5°	34.6	26.9	20.9	15.7	10.4	4.6	0.0
-80°	25.4	20.9	16.8	12.6	8.4	3.7	0.0
-82.5°	18.8	15.7	12.6	9.5	6.3	2.8	0.0
-85°	12.6	10.5	8.4	6.3	4.2	1.9	0.0
-87.5°	6.3	5.3	4.2	3.2	2.1	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)