

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: P627043 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-735-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627043 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2E-735-U-WR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE SYMMETRICAL ROUND N51
Light Source: (32) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

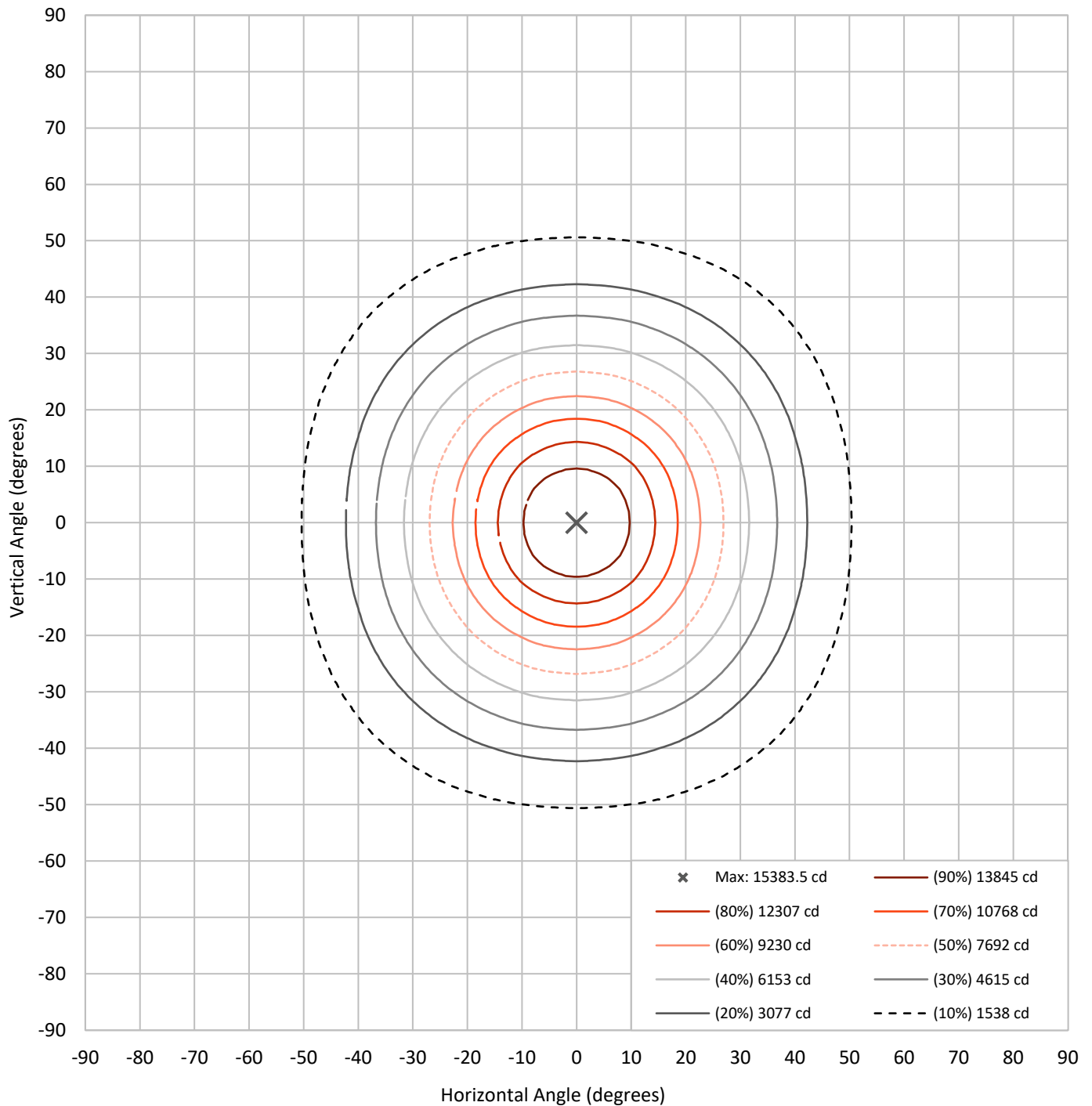
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	15656.8 lumens	Max Intensity:	15383.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	124.6 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	7486.1 lumens	Field Lumens:	13817.7 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	125.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





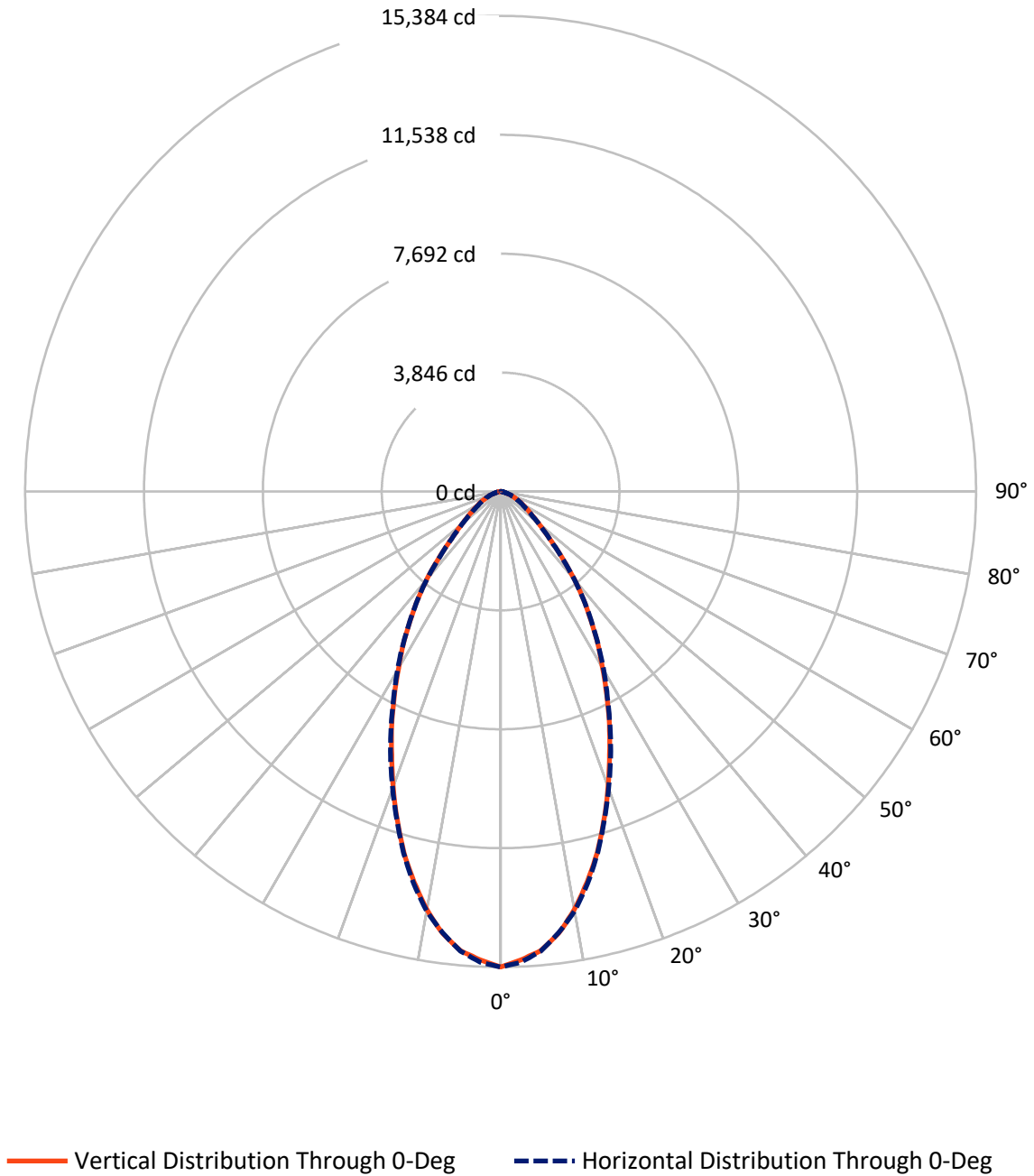
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Lumen Table

90															90				
80	0.6	4.3		9.8		16.4		14.0		16.4		9.8		4.3		0.6			
70															70				
60	2.0	2.4	4.5	7.2	10.4	13.5	15.9	17.0	17.0	15.9	13.5	10.4	7.2	4.5	2.4	2.0			
50		3.4	6.8	11.8	18.0	24.8	30.9	34.5	34.5	30.9	24.8	18.0	11.8	6.8	3.4				
40	3.0	4.3	9.4	17.5	29.6	45.4	62.6	74.1	74.1	62.6	45.4	29.6	17.5	9.4	4.3	3.0			
30		5.2	12.3	25.5	49.6	88.1	128.0	151.9	151.9	128.0	88.1	49.6	25.5	12.3	5.2				
20	3.5	6.1	15.3	35.7	80.2	144.2	206.3	246.6	246.6	206.3	144.2	80.2	35.7	15.3	6.1	3.5			
10		6.8	18.0	46.3	109.5	194.7	287.5	353.7	353.7	287.5	194.7	109.5	46.3	18.0	6.8				
0	3.7	7.1	19.5	53.1	126.1	226.4	344.5	433.2	433.2	344.5	226.4	126.1	53.1	19.5	7.1	3.7			
-10		7.1	19.5	53.1	126.1	226.4	344.5	433.2	433.2	344.5	226.4	126.1	53.1	19.5	7.1				
-20	3.5	6.8	18.0	46.3	109.5	194.7	287.5	353.7	353.7	287.5	194.7	109.5	46.3	18.0	6.8	3.5			
-30		6.1	15.3	35.7	80.2	144.2	206.3	246.6	246.6	206.3	144.2	80.2	35.7	15.3	6.1				
-40	3.0	5.2	12.3	25.5	49.6	88.1	128.0	151.9	151.9	128.0	88.1	49.6	25.5	12.3	5.2	3.0			
-50		4.3	9.4	17.5	29.6	45.4	62.6	74.1	74.1	62.6	45.4	29.6	17.5	9.4	4.3				
-60	2.0	3.4	6.8	11.8	18.0	24.8	30.9	34.5	34.5	30.9	24.8	18.0	11.8	6.8	3.4	2.0			
-70		2.4	4.5	7.2	10.4	13.5	15.9	17.0	17.0	15.9	13.5	10.4	7.2	4.5	2.4				
-80															-80				
-90	0.6	4.3		9.8		16.4		14.0		16.4		9.8		4.3		0.6			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

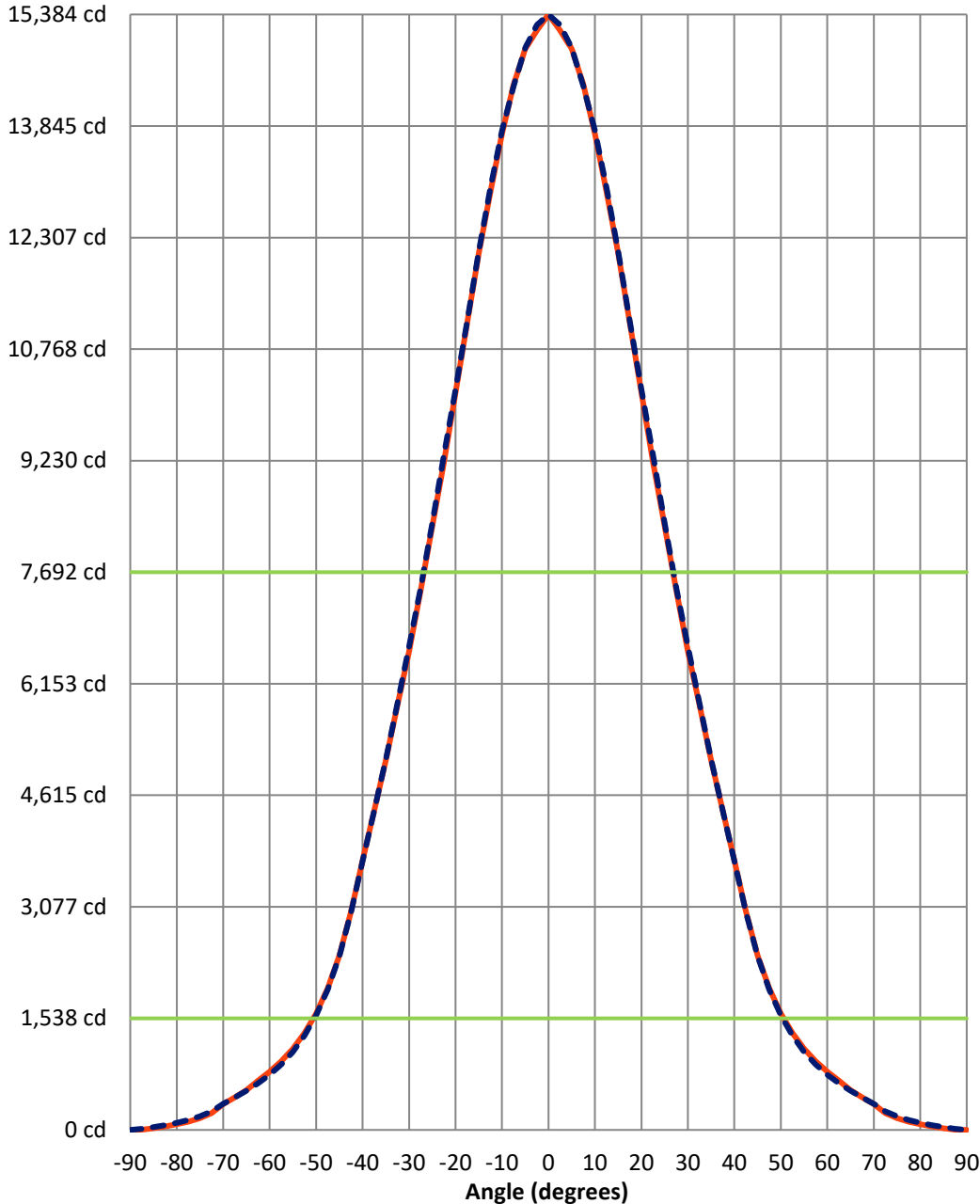
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 7486.1
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 13817.7
 Efficiency: 88.3%

Spill:
 Lumens: 1839.1
 Efficiency: 11.7%

— 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	0.8	1.8	2.9	4.3	5.7	7.3	8.1	8.7	9.3	9.6
85°	0.0	1.6	3.6	5.9	8.5	11.4	14.6	16.2	17.5	18.5	19.3
82.5°	0.0	2.3	5.4	8.8	12.7	17.0	21.8	24.3	26.8	31.0	34.7
80°	0.0	3.1	7.2	11.7	16.9	22.6	29.7	36.9	43.1	48.7	53.6
77.5°	0.0	3.9	8.9	14.5	21.0	29.4	42.3	51.6	59.4	66.3	73.3
75°	0.0	4.6	10.6	17.4	25.4	38.5	54.7	66.4	75.7	85.1	95.3
72.5°	0.0	5.4	12.3	20.1	31.4	47.2	66.6	80.8	92.1	104.1	117.0
70°	0.0	6.1	13.9	23.0	37.3	55.6	77.9	94.5	108.1	122.8	140.0
67.5°	0.0	6.8	15.5	26.5	42.9	63.7	87.7	107.9	123.9	142.0	162.7
65°	0.0	7.5	17.0	29.9	48.2	71.0	97.0	120.9	139.4	160.6	184.2
62.5°	0.0	8.1	18.5	33.2	53.2	77.8	105.8	133.3	154.4	178.4	204.1
60°	0.0	8.8	19.9	36.2	57.8	84.1	114.0	145.1	168.6	195.6	223.5
57.5°	0.0	9.4	21.7	39.1	62.2	90.0	121.5	155.6	183.0	212.3	241.4
55°	0.0	10.0	23.3	41.7	66.2	95.4	128.4	164.1	197.1	228.2	258.5
52.5°	0.0	10.6	24.9	44.1	69.9	100.4	134.7	173.3	210.6	243.5	275.2
50°	0.0	11.1	26.5	46.2	73.3	105.0	140.4	181.9	223.6	258.3	293.5
47.5°	0.0	11.6	27.9	48.2	76.3	109.1	145.7	189.7	236.5	272.7	311.5
45°	0.0	12.1	29.3	50.2	79.0	112.8	151.7	196.8	245.7	288.3	328.9
42.5°	0.0	12.6	30.6	51.9	81.3	116.0	157.0	203.7	254.2	303.4	347.0
40°	0.0	13.0	31.8	53.8	83.3	118.7	161.7	210.4	262.5	317.4	364.4
37.5°	0.0	13.4	33.0	55.7	85.2	120.9	165.7	216.5	271.7	328.4	381.0
35°	0.0	13.7	34.0	57.5	86.7	123.3	169.0	221.9	280.5	340.5	397.9
32.5°	0.0	14.1	35.0	59.1	87.8	125.7	172.0	226.6	288.9	352.9	415.2
30°	0.0	14.4	35.8	60.6	88.6	127.5	175.4	231.2	296.8	365.3	431.5
27.5°	0.0	14.6	36.6	61.9	90.5	128.8	178.2	237.0	305.0	377.8	446.8
25°	0.0	14.8	37.3	63.0	92.4	129.6	180.3	242.1	314.2	390.1	461.1
22.5°	0.0	15.0	37.9	63.9	94.0	130.6	181.8	246.6	323.0	401.3	476.7
20°	0.0	15.2	38.4	64.7	95.4	133.0	182.7	250.5	331.3	411.4	490.7
17.5°	0.0	15.3	38.8	65.4	96.5	134.9	184.7	253.6	338.9	420.3	502.9
15°	0.0	15.4	39.2	65.8	97.5	136.4	187.2	256.5	345.8	428.0	513.5
12.5°	0.0	15.4	39.4	66.1	98.1	137.5	189.0	259.1	351.6	434.4	522.3
10°	0.0	15.4	39.5	66.3	98.6	138.2	190.1	260.6	356.1	439.7	529.4
7.5°	0.0	15.4	39.6	66.2	98.8	138.5	190.6	260.9	359.3	443.9	535.0
5°	0.0	15.4	39.5	66.0	98.7	138.4	190.4	260.1	361.0	446.7	538.6
2.5°	0.0	15.3	39.3	65.7	98.4	137.9	189.5	258.3	361.2	448.0	540.5
0°	0.0	15.2	39.1	65.2	97.9	137.0	188.1	255.5	359.9	447.9	540.4
-2.5°	0.0	15.3	39.3	65.7	98.4	137.9	189.5	258.3	361.2	448.0	540.5
-5°	0.0	15.4	39.5	66.0	98.7	138.4	190.4	260.1	361.0	446.7	538.6
-7.5°	0.0	15.4	39.6	66.2	98.8	138.5	190.6	260.9	359.3	443.9	535.0
-10°	0.0	15.4	39.5	66.3	98.6	138.2	190.1	260.6	356.1	439.7	529.4
-12.5°	0.0	15.4	39.4	66.1	98.1	137.5	189.0	259.1	351.6	434.4	522.3
-15°	0.0	15.4	39.2	65.8	97.5	136.4	187.2	256.5	345.8	428.0	513.5
-17.5°	0.0	15.3	38.8	65.4	96.5	134.9	184.7	253.6	338.9	420.3	502.9
-20°	0.0	15.2	38.4	64.7	95.4	133.0	182.7	250.5	331.3	411.4	490.7

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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	15.0	37.9	63.9	94.0	130.6	181.8	246.6	323.0	401.3	476.7
-25°	0.0	14.8	37.3	63.0	92.4	129.6	180.3	242.1	314.2	390.1	461.1
-27.5°	0.0	14.6	36.6	61.9	90.5	128.8	178.2	237.0	305.0	377.8	446.8
-30°	0.0	14.4	35.8	60.6	88.6	127.5	175.4	231.2	296.8	365.3	431.5
-32.5°	0.0	14.1	35.0	59.1	87.8	125.7	172.0	226.6	288.9	352.9	415.2
-35°	0.0	13.7	34.0	57.5	86.7	123.3	169.0	221.9	280.5	340.5	397.9
-37.5°	0.0	13.4	33.0	55.7	85.2	120.9	165.7	216.5	271.7	328.4	381.0
-40°	0.0	13.0	31.8	53.8	83.3	118.7	161.7	210.4	262.5	317.4	364.4
-42.5°	0.0	12.6	30.6	51.9	81.3	116.0	157.0	203.7	254.2	303.4	347.0
-45°	0.0	12.1	29.3	50.2	79.0	112.8	151.7	196.8	245.7	288.3	328.9
-47.5°	0.0	11.6	27.9	48.2	76.3	109.1	145.7	189.7	236.5	272.7	311.5
-50°	0.0	11.1	26.5	46.2	73.3	105.0	140.4	181.9	223.6	258.3	293.5
-52.5°	0.0	10.6	24.9	44.1	69.9	100.4	134.7	173.3	210.6	243.5	275.2
-55°	0.0	10.0	23.3	41.7	66.2	95.4	128.4	164.1	197.1	228.2	258.5
-57.5°	0.0	9.4	21.7	39.1	62.2	90.0	121.5	155.6	183.0	212.3	241.4
-60°	0.0	8.8	19.9	36.2	57.8	84.1	114.0	145.1	168.6	195.6	223.5
-62.5°	0.0	8.1	18.5	33.2	53.2	77.8	105.8	133.3	154.4	178.4	204.1
-65°	0.0	7.5	17.0	29.9	48.2	71.0	97.0	120.9	139.4	160.6	184.2
-67.5°	0.0	6.8	15.5	26.5	42.9	63.7	87.7	107.9	123.9	142.0	162.7
-70°	0.0	6.1	13.9	23.0	37.3	55.6	77.9	94.5	108.1	122.8	140.0
-72.5°	0.0	5.4	12.3	20.1	31.4	47.2	66.6	80.8	92.1	104.1	117.0
-75°	0.0	4.6	10.6	17.4	25.4	38.5	54.7	66.4	75.7	85.1	95.3
-77.5°	0.0	3.9	8.9	14.5	21.0	29.4	42.3	51.6	59.4	66.3	73.3
-80°	0.0	3.1	7.2	11.7	16.9	22.6	29.7	36.9	43.1	48.7	53.6
-82.5°	0.0	2.3	5.4	8.8	12.7	17.0	21.8	24.3	26.8	31.0	34.7
-85°	0.0	1.6	3.6	5.9	8.5	11.4	14.6	16.2	17.5	18.5	19.3
-87.5°	0.0	0.8	1.8	2.9	4.3	5.7	7.3	8.1	8.7	9.3	9.6
-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):

Table with 12 columns representing angles from -62.5° to -37.5° and 21 rows representing angles from 90° to -20°. The table contains numerical data representing candela values, with some cells highlighted in red.



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	562.3	654.2	763.4	888.5	1042.5	1230.3	1455.4	1725.3	2054.8	2453.2	2969.5
-25°	544.0	633.0	735.3	852.6	992.8	1162.4	1362.4	1598.3	1896.4	2251.3	2681.9
-27.5°	524.8	609.7	704.2	812.6	937.6	1092.3	1276.8	1489.8	1740.6	2038.3	2388.2
-30°	503.9	584.1	670.4	770.6	887.6	1027.3	1190.3	1372.0	1584.9	1848.3	2147.9
-32.5°	481.4	556.8	638.4	731.0	836.1	956.8	1100.3	1264.7	1449.8	1659.8	1915.0
-35°	459.0	530.2	606.2	688.7	781.6	892.1	1018.4	1158.1	1314.5	1498.9	1702.9
-37.5°	437.9	502.0	572.0	647.3	733.1	828.5	934.1	1060.5	1196.2	1339.2	1514.0
-40°	415.4	472.5	538.9	608.3	682.2	766.9	862.5	965.6	1083.3	1209.1	1337.6
-42.5°	392.2	446.3	505.2	567.4	635.6	709.7	789.1	882.0	978.4	1084.6	1197.7
-45°	372.0	419.0	471.1	529.3	589.2	653.7	725.5	799.3	884.9	970.6	1067.0
-47.5°	351.0	391.8	439.9	490.0	544.5	601.8	662.2	729.4	796.4	872.3	945.7
-50°	329.7	367.9	407.3	453.4	501.0	551.3	604.7	661.2	721.5	781.8	845.7
-52.5°	309.3	343.2	378.6	417.1	459.7	503.7	549.9	598.5	650.3	702.3	755.2
-55°	288.4	319.6	349.7	383.3	419.8	458.8	498.2	540.6	582.1	629.0	672.3
-57.5°	268.8	295.3	321.7	350.1	382.0	415.2	450.1	485.0	522.7	559.9	595.5
-60°	250.0	271.4	294.3	318.7	344.2	373.3	402.4	433.4	464.9	495.7	527.0
-62.5°	230.3	247.6	266.5	288.1	310.2	331.5	356.3	382.4	408.8	434.3	459.7
-65°	207.2	222.4	237.7	255.5	276.0	293.0	311.5	331.8	354.4	374.8	393.3
-67.5°	183.0	196.5	209.0	221.3	237.0	252.0	267.0	282.6	299.9	318.0	333.9
-70°	156.9	170.2	181.3	191.3	199.9	209.3	221.3	233.3	246.9	264.2	280.0
-72.5°	130.4	142.4	152.9	162.0	167.6	171.9	177.6	184.6	197.5	214.8	230.0
-75°	105.4	114.8	124.2	132.3	135.9	136.1	135.7	138.0	150.9	168.5	184.0
-77.5°	81.4	89.2	96.4	103.1	105.0	104.7	103.5	101.4	111.1	126.1	141.8
-80°	58.7	63.6	69.2	74.5	75.7	75.2	73.5	70.9	78.5	89.4	101.1
-82.5°	38.3	41.6	44.7	47.7	48.0	47.2	45.7	44.0	49.8	56.9	64.2
-85°	19.6	19.6	21.2	22.7	23.4	23.5	23.1	22.0	24.9	28.2	31.7
-87.5°	9.8	9.8	9.6	9.4	8.9	8.4	7.7	6.9	7.2	7.5	7.8
-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):

	-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°	8.0	7.8	7.5	7.2	6.9	6.8	6.6	6.5	6.3	5.8	5.3
85°	35.4	36.1	36.6	36.8	36.8	38.0	39.1	40.1	41.0	37.1	32.9
82.5°	71.9	75.3	78.2	81.2	84.1	86.1	87.6	88.7	89.4	80.9	71.4
80°	113.2	120.2	126.1	131.7	137.1	138.4	138.4	137.6	136.2	124.6	111.5
77.5°	157.4	166.7	174.0	181.3	188.5	191.2	192.4	193.4	194.1	179.8	162.1
75°	197.5	208.6	218.9	228.5	237.3	242.0	244.8	247.0	248.8	234.4	215.4
72.5°	243.2	254.9	266.1	276.7	286.1	292.3	296.4	299.7	302.3	294.1	282.2
70°	293.5	305.7	317.5	328.5	339.1	347.4	354.0	359.6	364.3	365.2	364.8
67.5°	349.4	363.7	377.7	389.7	402.3	414.1	424.4	433.0	439.9	444.4	447.0
65°	412.1	433.6	452.7	469.0	482.6	498.3	512.1	522.7	530.2	535.8	540.7
62.5°	486.0	512.1	533.9	555.6	577.9	599.6	613.2	626.8	640.1	652.6	663.3
60°	557.0	585.6	615.3	642.9	668.5	692.0	716.4	738.0	756.8	772.6	784.4
57.5°	632.8	667.6	701.3	736.4	769.4	800.2	830.3	858.1	882.1	902.3	918.8
55°	715.0	757.6	797.7	842.2	885.4	924.7	961.0	998.2	1031.7	1061.1	1084.5
52.5°	803.7	859.0	912.1	964.4	1020.3	1070.8	1116.0	1167.6	1213.2	1251.0	1280.4
50°	909.5	974.6	1044.6	1109.5	1180.0	1249.5	1313.6	1375.7	1436.4	1489.0	1531.4
47.5°	1030.1	1110.1	1196.9	1282.9	1370.5	1465.5	1550.3	1629.1	1714.0	1787.6	1846.8
45°	1164.0	1266.1	1371.0	1491.7	1603.0	1725.0	1838.0	1939.5	2059.9	2165.9	2251.3
42.5°	1312.7	1448.7	1586.5	1738.6	1886.2	2041.2	2205.8	2351.8	2511.5	2663.7	2786.7
40°	1497.0	1659.5	1844.1	2028.2	2240.0	2439.1	2678.9	2896.8	3094.8	3276.2	3425.0
37.5°	1701.7	1910.9	2142.8	2382.7	2672.6	2956.7	3237.4	3502.4	3736.4	3935.1	4101.7
35°	1934.1	2200.0	2480.9	2831.0	3170.7	3511.0	3828.0	4117.7	4372.2	4596.3	4786.9
32.5°	2201.4	2520.5	2913.7	3307.1	3694.5	4069.2	4417.3	4733.3	5012.4	5264.0	5483.2
30°	2482.5	2917.8	3359.2	3790.7	4213.9	4624.3	5006.4	5354.3	5669.7	5949.9	6202.4
27.5°	2839.6	3322.1	3803.3	4268.5	4734.1	5183.3	5597.3	5983.9	6345.8	6662.4	6951.0
25°	3185.1	3718.1	4229.7	4736.9	5243.6	5725.9	6188.9	6625.6	7040.0	7403.4	7725.6
22.5°	3530.5	4088.4	4635.1	5180.5	5724.8	6262.5	6782.4	7282.6	7746.0	8159.8	8522.6
20°	3850.5	4433.6	5018.2	5606.2	6196.2	6784.8	7368.7	7931.6	8447.9	8925.7	9345.5
17.5°	4137.3	4757.5	5377.3	6006.1	6645.9	7284.8	7933.4	8564.5	9154.8	9698.3	10185.4
15°	4391.3	5038.4	5704.1	6382.7	7069.6	7763.6	8471.3	9177.3	9841.8	10459.2	11003.0
12.5°	4613.4	5286.2	5983.8	6704.9	7450.4	8206.4	8978.8	9752.7	10488.3	11201.1	11788.3
10°	4796.6	5496.9	6226.1	6983.7	7769.9	8583.6	9412.2	10245.3	11055.8	11811.9	12483.3
7.5°	4938.1	5664.6	6416.0	7204.0	8028.8	8886.9	9764.6	10648.8	11513.7	12328.4	13071.3
5°	5037.9	5786.7	6547.6	7367.2	8220.7	9109.9	10022.1	10943.5	11847.6	12704.3	13474.3
2.5°	5095.9	5860.1	6624.2	7466.4	8334.9	9244.8	10181.9	11118.3	12046.4	12934.9	13726.1
0°	5111.2	5882.0	6668.1	7477.0	8370.7	9308.0	10211.5	11150.8	12115.2	12991.6	13779.8
-2.5°	5095.9	5860.1	6624.2	7466.4	8334.9	9244.8	10181.9	11118.3	12046.4	12934.9	13726.1
-5°	5037.9	5786.7	6547.6	7367.2	8220.7	9109.9	10022.1	10943.5	11847.6	12704.3	13474.3
-7.5°	4938.1	5664.6	6416.0	7204.0	8028.8	8886.9	9764.6	10648.8	11513.7	12328.4	13071.3
-10°	4796.6	5496.9	6226.1	6983.7	7769.9	8583.6	9412.2	10245.3	11055.8	11811.9	12483.3
-12.5°	4613.4	5286.2	5983.8	6704.9	7450.4	8206.4	8978.8	9752.7	10488.3	11201.1	11788.3
-15°	4391.3	5038.4	5704.1	6382.7	7069.6	7763.6	8471.3	9177.3	9841.8	10459.2	11003.0
-17.5°	4137.3	4757.5	5377.3	6006.1	6645.9	7284.8	7933.4	8564.5	9154.8	9698.3	10185.4
-20°	3850.5	4433.6	5018.2	5606.2	6196.2	6784.8	7368.7	7931.6	8447.9	8925.7	9345.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627043 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3530.5	4088.4	4635.1	5180.5	5724.8	6262.5	6782.4	7282.6	7746.0	8159.8	8522.6
-25°	3185.1	3718.1	4229.7	4736.9	5243.6	5725.9	6188.9	6625.6	7040.0	7403.4	7725.6
-27.5°	2839.6	3322.1	3803.3	4268.5	4734.1	5183.3	5597.3	5983.9	6345.8	6662.4	6951.0
-30°	2482.5	2917.8	3359.2	3790.7	4213.9	4624.3	5006.4	5354.3	5669.7	5949.9	6202.4
-32.5°	2201.4	2520.5	2913.7	3307.1	3694.5	4069.2	4417.3	4733.3	5012.4	5264.0	5483.2
-35°	1934.1	2200.0	2480.9	2831.0	3170.7	3511.0	3828.0	4117.7	4372.2	4596.3	4786.9
-37.5°	1701.7	1910.9	2142.8	2382.7	2672.6	2956.7	3237.4	3502.4	3736.4	3935.1	4101.7
-40°	1497.0	1659.5	1844.1	2028.2	2240.0	2439.1	2678.9	2896.8	3094.8	3276.2	3425.0
-42.5°	1312.7	1448.7	1586.5	1738.6	1886.2	2041.2	2205.8	2351.8	2511.5	2663.7	2786.7
-45°	1164.0	1266.1	1371.0	1491.7	1603.0	1725.0	1838.0	1939.5	2059.9	2165.9	2251.3
-47.5°	1030.1	1110.1	1196.9	1282.9	1370.5	1465.5	1550.3	1629.1	1714.0	1787.6	1846.8
-50°	909.5	974.6	1044.6	1109.5	1180.0	1249.5	1313.6	1375.7	1436.4	1489.0	1531.4
-52.5°	803.7	859.0	912.1	964.4	1020.3	1070.8	1116.0	1167.6	1213.2	1251.0	1280.4
-55°	715.0	757.6	797.7	842.2	885.4	924.7	961.0	998.2	1031.7	1061.1	1084.5
-57.5°	632.8	667.6	701.3	736.4	769.4	800.2	830.3	858.1	882.1	902.3	918.8
-60°	557.0	585.6	615.3	642.9	668.5	692.0	716.4	738.0	756.8	772.6	784.4
-62.5°	486.0	512.1	533.9	555.6	577.9	599.6	613.2	626.8	640.1	652.6	663.3
-65°	412.1	433.6	452.7	469.0	482.6	498.3	512.1	522.7	530.2	535.8	540.7
-67.5°	349.4	363.7	377.7	389.7	402.3	414.1	424.4	433.0	439.9	444.4	447.0
-70°	293.5	305.7	317.5	328.5	339.1	347.4	354.0	359.6	364.3	365.2	364.8
-72.5°	243.2	254.9	266.1	276.7	286.1	292.3	296.4	299.7	302.3	294.1	282.2
-75°	197.5	208.6	218.9	228.5	237.3	242.0	244.8	247.0	248.8	234.4	215.4
-77.5°	157.4	166.7	174.0	181.3	188.5	191.2	192.4	193.4	194.1	179.8	162.1
-80°	113.2	120.2	126.1	131.7	137.1	138.4	138.4	137.6	136.2	124.6	111.5
-82.5°	71.9	75.3	78.2	81.2	84.1	86.1	87.6	88.7	89.4	80.9	71.4
-85°	35.4	36.1	36.6	36.8	36.8	38.0	39.1	40.1	41.0	37.1	32.9
-87.5°	8.0	7.8	7.5	7.2	6.9	6.8	6.6	6.5	6.3	5.8	5.3
-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: P627043 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-735-U-WR-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°	4.8	4.3	3.8	3.3	3.8	4.3	4.8	5.3	5.8	6.3	6.5
85°	28.4	23.8	23.3	22.8	23.3	23.8	28.4	32.9	37.1	41.0	40.1
82.5°	61.4	51.0	49.4	47.8	49.4	51.0	61.4	71.4	80.9	89.4	88.7
80°	97.8	83.6	80.9	78.3	80.9	83.6	97.8	111.5	124.6	136.2	137.6
77.5°	143.5	124.1	118.4	113.1	118.4	124.1	143.5	162.1	179.8	194.1	193.4
75°	195.7	175.3	168.4	162.0	168.4	175.3	195.7	215.4	234.4	248.8	247.0
72.5°	270.3	257.9	245.3	231.6	245.3	257.9	270.3	282.2	294.1	302.3	299.7
70°	364.4	363.5	360.4	355.5	360.4	363.5	364.4	364.8	365.2	364.3	359.6
67.5°	448.1	447.7	448.8	449.0	448.8	447.7	448.1	447.0	444.4	439.9	433.0
65°	543.7	544.7	547.0	548.0	547.0	544.7	543.7	540.7	535.8	530.2	522.7
62.5°	671.6	677.1	679.8	679.5	679.8	677.1	671.6	663.3	652.6	640.1	626.8
60°	793.2	799.0	802.6	803.5	802.6	799.0	793.2	784.4	772.6	756.8	738.0
57.5°	931.9	941.3	946.3	947.0	946.3	941.3	931.9	918.8	902.3	882.1	858.1
55°	1102.4	1114.9	1120.5	1119.9	1120.5	1114.9	1102.4	1084.5	1061.1	1031.7	998.2
52.5°	1302.6	1317.9	1329.3	1336.2	1329.3	1317.9	1302.6	1280.4	1251.0	1213.2	1167.6
50°	1563.3	1585.2	1599.1	1604.8	1599.1	1585.2	1563.3	1531.4	1489.0	1436.4	1375.7
47.5°	1889.5	1918.4	1939.9	1954.9	1939.9	1918.4	1889.5	1846.8	1787.6	1714.0	1629.1
45°	2314.4	2358.6	2388.5	2406.1	2388.5	2358.6	2314.4	2251.3	2165.9	2059.9	1939.5
42.5°	2882.8	2951.3	2993.4	3009.5	2993.4	2951.3	2882.8	2786.7	2663.7	2511.5	2351.8
40°	3542.5	3624.8	3678.9	3716.2	3678.9	3624.8	3542.5	3425.0	3276.2	3094.8	2896.8
37.5°	4229.6	4316.1	4368.7	4404.5	4368.7	4316.1	4229.6	4101.7	3935.1	3736.4	3502.4
35°	4930.6	5021.1	5070.5	5098.1	5070.5	5021.1	4930.6	4786.9	4596.3	4372.2	4117.7
32.5°	5650.2	5750.0	5803.7	5859.2	5803.7	5750.0	5650.2	5483.2	5264.0	5012.4	4733.3
30°	6401.8	6516.4	6572.6	6599.6	6572.6	6516.4	6401.8	6202.4	5949.9	5669.7	5354.3
27.5°	7184.0	7326.7	7397.0	7443.3	7397.0	7326.7	7184.0	6951.0	6662.4	6345.8	5983.9
25°	7997.8	8174.7	8255.2	8327.3	8255.2	8174.7	7997.8	7725.6	7403.4	7040.0	6625.6
22.5°	8842.1	9062.4	9155.6	9206.8	9155.6	9062.4	8842.1	8522.6	8159.8	7746.0	7282.6
20°	9708.5	9971.7	10101.3	10168.0	10101.3	9971.7	9708.5	9345.5	8925.7	8447.9	7931.6
17.5°	10594.5	10921.8	11089.5	11128.0	11089.5	10921.8	10594.5	10185.4	9698.3	9154.8	8564.5
15°	11464.2	11818.3	12016.5	12089.1	12016.5	11818.3	11464.2	11003.0	10459.2	9841.8	9177.3
12.5°	12287.9	12654.9	12891.7	12933.9	12891.7	12654.9	12287.9	11788.3	11201.1	10488.3	9752.7
10°	13034.9	13415.1	13676.7	13736.3	13676.7	13415.1	13034.9	12483.3	11811.9	11055.8	10245.3
7.5°	13659.4	14076.6	14365.6	14415.9	14365.6	14076.6	13659.4	13071.3	12328.4	11513.7	10648.8
5°	14116.3	14611.6	14848.9	14908.4	14848.9	14611.6	14116.3	13474.3	12704.3	11847.6	10943.5
2.5°	14367.0	14871.2	15200.9	15162.8	15200.9	14871.2	14367.0	13726.1	12934.9	12046.4	11118.3
0°	14395.2	14922.5	15237.8	15383.5	15237.8	14922.5	14395.2	13779.8	12991.6	12115.2	11150.8
-2.5°	14367.0	14871.2	15200.9	15162.8	15200.9	14871.2	14367.0	13726.1	12934.9	12046.4	11118.3
-5°	14116.3	14611.6	14848.9	14908.4	14848.9	14611.6	14116.3	13474.3	12704.3	11847.6	10943.5
-7.5°	13659.4	14076.6	14365.6	14415.9	14365.6	14076.6	13659.4	13071.3	12328.4	11513.7	10648.8
-10°	13034.9	13415.1	13676.7	13736.3	13676.7	13415.1	13034.9	12483.3	11811.9	11055.8	10245.3
-12.5°	12287.9	12654.9	12891.7	12933.9	12891.7	12654.9	12287.9	11788.3	11201.1	10488.3	9752.7
-15°	11464.2	11818.3	12016.5	12089.1	12016.5	11818.3	11464.2	11003.0	10459.2	9841.8	9177.3
-17.5°	10594.5	10921.8	11089.5	11128.0	11089.5	10921.8	10594.5	10185.4	9698.3	9154.8	8564.5
-20°	9708.5	9971.7	10101.3	10168.0	10101.3	9971.7	9708.5	9345.5	8925.7	8447.9	7931.6



REPORT NUMBER: P627043 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8842.1	9062.4	9155.6	9206.8	9155.6	9062.4	8842.1	8522.6	8159.8	7746.0	7282.6
-25°	7997.8	8174.7	8255.2	8327.3	8255.2	8174.7	7997.8	7725.6	7403.4	7040.0	6625.6
-27.5°	7184.0	7326.7	7397.0	7443.3	7397.0	7326.7	7184.0	6951.0	6662.4	6345.8	5983.9
-30°	6401.8	6516.4	6572.6	6599.6	6572.6	6516.4	6401.8	6202.4	5949.9	5669.7	5354.3
-32.5°	5650.2	5750.0	5803.7	5859.2	5803.7	5750.0	5650.2	5483.2	5264.0	5012.4	4733.3
-35°	4930.6	5021.1	5070.5	5098.1	5070.5	5021.1	4930.6	4786.9	4596.3	4372.2	4117.7
-37.5°	4229.6	4316.1	4368.7	4404.5	4368.7	4316.1	4229.6	4101.7	3935.1	3736.4	3502.4
-40°	3542.5	3624.8	3678.9	3716.2	3678.9	3624.8	3542.5	3425.0	3276.2	3094.8	2896.8
-42.5°	2882.8	2951.3	2993.4	3009.5	2993.4	2951.3	2882.8	2786.7	2663.7	2511.5	2351.8
-45°	2314.4	2358.6	2388.5	2406.1	2388.5	2358.6	2314.4	2251.3	2165.9	2059.9	1939.5
-47.5°	1889.5	1918.4	1939.9	1954.9	1939.9	1918.4	1889.5	1846.8	1787.6	1714.0	1629.1
-50°	1563.3	1585.2	1599.1	1604.8	1599.1	1585.2	1563.3	1531.4	1489.0	1436.4	1375.7
-52.5°	1302.6	1317.9	1329.3	1336.2	1329.3	1317.9	1302.6	1280.4	1251.0	1213.2	1167.6
-55°	1102.4	1114.9	1120.5	1119.9	1120.5	1114.9	1102.4	1084.5	1061.1	1031.7	998.2
-57.5°	931.9	941.3	946.3	947.0	946.3	941.3	931.9	918.8	902.3	882.1	858.1
-60°	793.2	799.0	802.6	803.5	802.6	799.0	793.2	784.4	772.6	756.8	738.0
-62.5°	671.6	677.1	679.8	679.5	679.8	677.1	671.6	663.3	652.6	640.1	626.8
-65°	543.7	544.7	547.0	548.0	547.0	544.7	543.7	540.7	535.8	530.2	522.7
-67.5°	448.1	447.7	448.8	449.0	448.8	447.7	448.1	447.0	444.4	439.9	433.0
-70°	364.4	363.5	360.4	355.5	360.4	363.5	364.4	364.8	365.2	364.3	359.6
-72.5°	270.3	257.9	245.3	231.6	245.3	257.9	270.3	282.2	294.1	302.3	299.7
-75°	195.7	175.3	168.4	162.0	168.4	175.3	195.7	215.4	234.4	248.8	247.0
-77.5°	143.5	124.1	118.4	113.1	118.4	124.1	143.5	162.1	179.8	194.1	193.4
-80°	97.8	83.6	80.9	78.3	80.9	83.6	97.8	111.5	124.6	136.2	137.6
-82.5°	61.4	51.0	49.4	47.8	49.4	51.0	61.4	71.4	80.9	89.4	88.7
-85°	28.4	23.8	23.3	22.8	23.3	23.8	28.4	32.9	37.1	41.0	40.1
-87.5°	4.8	4.3	3.8	3.3	3.8	4.3	4.8	5.3	5.8	6.3	6.5
-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: P627043 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-735-U-WR-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°	6.6	6.8	6.9	7.2	7.5	7.8	8.0	7.8	7.5	7.2	6.9
85°	39.1	38.0	36.8	36.8	36.6	36.1	35.4	31.7	28.2	24.9	22.0
82.5°	87.6	86.1	84.1	81.2	78.2	75.3	71.9	64.2	56.9	49.8	44.0
80°	138.4	138.4	137.1	131.7	126.1	120.2	113.2	101.1	89.4	78.5	70.9
77.5°	192.4	191.2	188.5	181.3	174.0	166.7	157.4	141.8	126.1	111.1	101.4
75°	244.8	242.0	237.3	228.5	218.9	208.6	197.5	184.0	168.5	150.9	138.0
72.5°	296.4	292.3	286.1	276.7	266.1	254.9	243.2	230.0	214.8	197.5	184.6
70°	354.0	347.4	339.1	328.5	317.5	305.7	293.5	280.0	264.2	246.9	233.3
67.5°	424.4	414.1	402.3	389.7	377.7	363.7	349.4	333.9	318.0	299.9	282.6
65°	512.1	498.3	482.6	469.0	452.7	433.6	412.1	393.3	374.8	354.4	331.8
62.5°	613.2	599.6	577.9	555.6	533.9	512.1	486.0	459.7	434.3	408.8	382.4
60°	716.4	692.0	668.5	642.9	615.3	585.6	557.0	527.0	495.7	464.9	433.4
57.5°	830.3	800.2	769.4	736.4	701.3	667.6	632.8	595.5	559.9	522.7	485.0
55°	961.0	924.7	885.4	842.2	797.7	757.6	715.0	672.3	629.0	582.1	540.6
52.5°	1116.0	1070.8	1020.3	964.4	912.1	859.0	803.7	755.2	702.3	650.3	598.5
50°	1313.6	1249.5	1180.0	1109.5	1044.6	974.6	909.5	845.7	781.8	721.5	661.2
47.5°	1550.3	1465.5	1370.5	1282.9	1196.9	1110.1	1030.1	945.7	872.3	796.4	729.4
45°	1838.0	1725.0	1603.0	1491.7	1371.0	1266.1	1164.0	1067.0	970.6	884.9	799.3
42.5°	2205.8	2041.2	1886.2	1738.6	1586.5	1448.7	1312.7	1197.7	1084.6	978.4	882.0
40°	2678.9	2439.1	2240.0	2028.2	1844.1	1659.5	1497.0	1337.6	1209.1	1083.3	965.6
37.5°	3237.4	2956.7	2672.6	2382.7	2142.8	1910.9	1701.7	1514.0	1339.2	1196.2	1060.5
35°	3828.0	3511.0	3170.7	2831.0	2480.9	2200.0	1934.1	1702.9	1498.9	1314.5	1158.1
32.5°	4417.3	4069.2	3694.5	3307.1	2913.7	2520.5	2201.4	1915.0	1659.8	1449.8	1264.7
30°	5006.4	4624.3	4213.9	3790.7	3359.2	2917.8	2482.5	2147.9	1848.3	1584.9	1372.0
27.5°	5597.3	5183.3	4734.1	4268.5	3803.3	3322.1	2839.6	2388.2	2038.3	1740.6	1489.8
25°	6188.9	5725.9	5243.6	4736.9	4229.7	3718.1	3185.1	2681.9	2251.3	1896.4	1598.3
22.5°	6782.4	6262.5	5724.8	5180.5	4635.1	4088.4	3530.5	2969.5	2453.2	2054.8	1725.3
20°	7368.7	6784.8	6196.2	5606.2	5018.2	4433.6	3850.5	3251.5	2690.4	2218.8	1843.9
17.5°	7933.4	7284.8	6645.9	6006.1	5377.3	4757.5	4137.3	3511.8	2902.3	2364.8	1948.5
15°	8471.3	7763.6	7069.6	6382.7	5704.1	5038.4	4391.3	3740.3	3094.9	2517.1	2063.3
12.5°	8978.8	8206.4	7450.4	6704.9	5983.8	5286.2	4613.4	3941.0	3276.5	2665.5	2165.7
10°	9412.2	8583.6	7769.9	6983.7	6226.1	5496.9	4796.6	4110.7	3432.0	2788.9	2249.4
7.5°	9764.6	8886.9	8028.8	7204.0	6416.0	5664.6	4938.1	4240.9	3555.2	2885.4	2314.0
5°	10022.1	9109.9	8220.7	7367.2	6547.6	5786.7	5037.9	4330.0	3644.5	2954.0	2359.1
2.5°	10181.9	9244.8	8334.9	7466.4	6624.2	5860.1	5095.9	4383.8	3695.4	2991.8	2387.5
0°	10211.5	9308.0	8370.7	7477.0	6668.1	5882.0	5111.2	4403.4	3708.6	2999.7	2396.3
-2.5°	10181.9	9244.8	8334.9	7466.4	6624.2	5860.1	5095.9	4383.8	3695.4	2991.8	2387.5
-5°	10022.1	9109.9	8220.7	7367.2	6547.6	5786.7	5037.9	4330.0	3644.5	2954.0	2359.1
-7.5°	9764.6	8886.9	8028.8	7204.0	6416.0	5664.6	4938.1	4240.9	3555.2	2885.4	2314.0
-10°	9412.2	8583.6	7769.9	6983.7	6226.1	5496.9	4796.6	4110.7	3432.0	2788.9	2249.4
-12.5°	8978.8	8206.4	7450.4	6704.9	5983.8	5286.2	4613.4	3941.0	3276.5	2665.5	2165.7
-15°	8471.3	7763.6	7069.6	6382.7	5704.1	5038.4	4391.3	3740.3	3094.9	2517.1	2063.3
-17.5°	7933.4	7284.8	6645.9	6006.1	5377.3	4757.5	4137.3	3511.8	2902.3	2364.8	1948.5
-20°	7368.7	6784.8	6196.2	5606.2	5018.2	4433.6	3850.5	3251.5	2690.4	2218.8	1843.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627043 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6782.4	6262.5	5724.8	5180.5	4635.1	4088.4	3530.5	2969.5	2453.2	2054.8	1725.3
-25°	6188.9	5725.9	5243.6	4736.9	4229.7	3718.1	3185.1	2681.9	2251.3	1896.4	1598.3
-27.5°	5597.3	5183.3	4734.1	4268.5	3803.3	3322.1	2839.6	2388.2	2038.3	1740.6	1489.8
-30°	5006.4	4624.3	4213.9	3790.7	3359.2	2917.8	2482.5	2147.9	1848.3	1584.9	1372.0
-32.5°	4417.3	4069.2	3694.5	3307.1	2913.7	2520.5	2201.4	1915.0	1659.8	1449.8	1264.7
-35°	3828.0	3511.0	3170.7	2831.0	2480.9	2200.0	1934.1	1702.9	1498.9	1314.5	1158.1
-37.5°	3237.4	2956.7	2672.6	2382.7	2142.8	1910.9	1701.7	1514.0	1339.2	1196.2	1060.5
-40°	2678.9	2439.1	2240.0	2028.2	1844.1	1659.5	1497.0	1337.6	1209.1	1083.3	965.6
-42.5°	2205.8	2041.2	1886.2	1738.6	1586.5	1448.7	1312.7	1197.7	1084.6	978.4	882.0
-45°	1838.0	1725.0	1603.0	1491.7	1371.0	1266.1	1164.0	1067.0	970.6	884.9	799.3
-47.5°	1550.3	1465.5	1370.5	1282.9	1196.9	1110.1	1030.1	945.7	872.3	796.4	729.4
-50°	1313.6	1249.5	1180.0	1109.5	1044.6	974.6	909.5	845.7	781.8	721.5	661.2
-52.5°	1116.0	1070.8	1020.3	964.4	912.1	859.0	803.7	755.2	702.3	650.3	598.5
-55°	961.0	924.7	885.4	842.2	797.7	757.6	715.0	672.3	629.0	582.1	540.6
-57.5°	830.3	800.2	769.4	736.4	701.3	667.6	632.8	595.5	559.9	522.7	485.0
-60°	716.4	692.0	668.5	642.9	615.3	585.6	557.0	527.0	495.7	464.9	433.4
-62.5°	613.2	599.6	577.9	555.6	533.9	512.1	486.0	459.7	434.3	408.8	382.4
-65°	512.1	498.3	482.6	469.0	452.7	433.6	412.1	393.3	374.8	354.4	331.8
-67.5°	424.4	414.1	402.3	389.7	377.7	363.7	349.4	333.9	318.0	299.9	282.6
-70°	354.0	347.4	339.1	328.5	317.5	305.7	293.5	280.0	264.2	246.9	233.3
-72.5°	296.4	292.3	286.1	276.7	266.1	254.9	243.2	230.0	214.8	197.5	184.6
-75°	244.8	242.0	237.3	228.5	218.9	208.6	197.5	184.0	168.5	150.9	138.0
-77.5°	192.4	191.2	188.5	181.3	174.0	166.7	157.4	141.8	126.1	111.1	101.4
-80°	138.4	138.4	137.1	131.7	126.1	120.2	113.2	101.1	89.4	78.5	70.9
-82.5°	87.6	86.1	84.1	81.2	78.2	75.3	71.9	64.2	56.9	49.8	44.0
-85°	39.1	38.0	36.8	36.8	36.6	36.1	35.4	31.7	28.2	24.9	22.0
-87.5°	6.6	6.8	6.9	7.2	7.5	7.8	8.0	7.8	7.5	7.2	6.9
-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: P627043 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-735-U-WR-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°	7.7	8.4	8.9	9.4	9.6	9.8	9.8	9.6	9.3	8.7	8.1
85°	23.1	23.5	23.4	22.7	21.2	19.6	19.6	19.3	18.5	17.5	16.2
82.5°	45.7	47.2	48.0	47.7	44.7	41.6	38.3	34.7	31.0	26.8	24.3
80°	73.5	75.2	75.7	74.5	69.2	63.6	58.7	53.6	48.7	43.1	36.9
77.5°	103.5	104.7	105.0	103.1	96.4	89.2	81.4	73.3	66.3	59.4	51.6
75°	135.7	136.1	135.9	132.3	124.2	114.8	105.4	95.3	85.1	75.7	66.4
72.5°	177.6	171.9	167.6	162.0	152.9	142.4	130.4	117.0	104.1	92.1	80.8
70°	221.3	209.3	199.9	191.3	181.3	170.2	156.9	140.0	122.8	108.1	94.5
67.5°	267.0	252.0	237.0	221.3	209.0	196.5	183.0	162.7	142.0	123.9	107.9
65°	311.5	293.0	276.0	255.5	237.7	222.4	207.2	184.2	160.6	139.4	120.9
62.5°	356.3	331.5	310.2	288.1	266.5	247.6	230.3	204.1	178.4	154.4	133.3
60°	402.4	373.3	344.2	318.7	294.3	271.4	250.0	223.5	195.6	168.6	145.1
57.5°	450.1	415.2	382.0	350.1	321.7	295.3	268.8	241.4	212.3	183.0	155.6
55°	498.2	458.8	419.8	383.3	349.7	319.6	288.4	258.5	228.2	197.1	164.1
52.5°	549.9	503.7	459.7	417.1	378.6	343.2	309.3	275.2	243.5	210.6	173.3
50°	604.7	551.3	501.0	453.4	407.3	367.9	329.7	293.5	258.3	223.6	181.9
47.5°	662.2	601.8	544.5	490.0	439.9	391.8	351.0	311.5	272.7	236.5	189.7
45°	725.5	653.7	589.2	529.3	471.1	419.0	372.0	328.9	288.3	245.7	196.8
42.5°	789.1	709.7	635.6	567.4	505.2	446.3	392.2	347.0	303.4	254.2	203.7
40°	862.5	766.9	682.2	608.3	538.9	472.5	415.4	364.4	317.4	262.5	210.4
37.5°	934.1	828.5	733.1	647.3	572.0	502.0	437.9	381.0	328.4	271.7	216.5
35°	1018.4	892.1	781.6	688.7	606.2	530.2	459.0	397.9	340.5	280.5	221.9
32.5°	1100.3	956.8	836.1	731.0	638.4	556.8	481.4	415.2	352.9	288.9	226.6
30°	1190.3	1027.3	887.6	770.6	670.4	584.1	503.9	431.5	365.3	296.8	231.2
27.5°	1276.8	1092.3	937.6	812.6	704.2	609.7	524.8	446.8	377.8	305.0	237.0
25°	1362.4	1162.4	992.8	852.6	735.3	633.0	544.0	461.1	390.1	314.2	242.1
22.5°	1455.4	1230.3	1042.5	888.5	763.4	654.2	562.3	476.7	401.3	323.0	246.6
20°	1540.9	1291.5	1086.9	922.9	791.3	677.2	579.4	490.7	411.4	331.3	250.5
17.5°	1621.5	1353.8	1136.4	960.1	817.7	697.4	594.5	502.9	420.3	338.9	253.6
15°	1706.1	1415.7	1181.0	992.3	840.5	714.9	607.4	513.5	428.0	345.8	256.5
12.5°	1778.4	1468.0	1218.4	1019.4	859.7	729.5	618.2	522.3	434.4	351.6	259.1
10°	1838.0	1510.5	1248.6	1041.2	875.1	741.2	626.8	529.4	439.7	356.1	260.6
7.5°	1884.3	1543.0	1271.5	1057.8	887.0	750.4	634.0	535.0	443.9	359.3	260.9
5°	1916.7	1565.6	1288.2	1069.4	896.0	756.9	639.1	538.6	446.7	361.0	260.1
2.5°	1933.8	1578.5	1298.5	1075.6	901.1	760.5	642.0	540.5	448.0	361.2	258.3
0°	1936.4	1580.9	1301.4	1076.4	902.4	761.1	642.6	540.4	447.9	359.9	255.5
-2.5°	1933.8	1578.5	1298.5	1075.6	901.1	760.5	642.0	540.5	448.0	361.2	258.3
-5°	1916.7	1565.6	1288.2	1069.4	896.0	756.9	639.1	538.6	446.7	361.0	260.1
-7.5°	1884.3	1543.0	1271.5	1057.8	887.0	750.4	634.0	535.0	443.9	359.3	260.9
-10°	1838.0	1510.5	1248.6	1041.2	875.1	741.2	626.8	529.4	439.7	356.1	260.6
-12.5°	1778.4	1468.0	1218.4	1019.4	859.7	729.5	618.2	522.3	434.4	351.6	259.1
-15°	1706.1	1415.7	1181.0	992.3	840.5	714.9	607.4	513.5	428.0	345.8	256.5
-17.5°	1621.5	1353.8	1136.4	960.1	817.7	697.4	594.5	502.9	420.3	338.9	253.6
-20°	1540.9	1291.5	1086.9	922.9	791.3	677.2	579.4	490.7	411.4	331.3	250.5

Classified

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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627043 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1455.4	1230.3	1042.5	888.5	763.4	654.2	562.3	476.7	401.3	323.0	246.6
-25°	1362.4	1162.4	992.8	852.6	735.3	633.0	544.0	461.1	390.1	314.2	242.1
-27.5°	1276.8	1092.3	937.6	812.6	704.2	609.7	524.8	446.8	377.8	305.0	237.0
-30°	1190.3	1027.3	887.6	770.6	670.4	584.1	503.9	431.5	365.3	296.8	231.2
-32.5°	1100.3	956.8	836.1	731.0	638.4	556.8	481.4	415.2	352.9	288.9	226.6
-35°	1018.4	892.1	781.6	688.7	606.2	530.2	459.0	397.9	340.5	280.5	221.9
-37.5°	934.1	828.5	733.1	647.3	572.0	502.0	437.9	381.0	328.4	271.7	216.5
-40°	862.5	766.9	682.2	608.3	538.9	472.5	415.4	364.4	317.4	262.5	210.4
-42.5°	789.1	709.7	635.6	567.4	505.2	446.3	392.2	347.0	303.4	254.2	203.7
-45°	725.5	653.7	589.2	529.3	471.1	419.0	372.0	328.9	288.3	245.7	196.8
-47.5°	662.2	601.8	544.5	490.0	439.9	391.8	351.0	311.5	272.7	236.5	189.7
-50°	604.7	551.3	501.0	453.4	407.3	367.9	329.7	293.5	258.3	223.6	181.9
-52.5°	549.9	503.7	459.7	417.1	378.6	343.2	309.3	275.2	243.5	210.6	173.3
-55°	498.2	458.8	419.8	383.3	349.7	319.6	288.4	258.5	228.2	197.1	164.1
-57.5°	450.1	415.2	382.0	350.1	321.7	295.3	268.8	241.4	212.3	183.0	155.6
-60°	402.4	373.3	344.2	318.7	294.3	271.4	250.0	223.5	195.6	168.6	145.1
-62.5°	356.3	331.5	310.2	288.1	266.5	247.6	230.3	204.1	178.4	154.4	133.3
-65°	311.5	293.0	276.0	255.5	237.7	222.4	207.2	184.2	160.6	139.4	120.9
-67.5°	267.0	252.0	237.0	221.3	209.0	196.5	183.0	162.7	142.0	123.9	107.9
-70°	221.3	209.3	199.9	191.3	181.3	170.2	156.9	140.0	122.8	108.1	94.5
-72.5°	177.6	171.9	167.6	162.0	152.9	142.4	130.4	117.0	104.1	92.1	80.8
-75°	135.7	136.1	135.9	132.3	124.2	114.8	105.4	95.3	85.1	75.7	66.4
-77.5°	103.5	104.7	105.0	103.1	96.4	89.2	81.4	73.3	66.3	59.4	51.6
-80°	73.5	75.2	75.7	74.5	69.2	63.6	58.7	53.6	48.7	43.1	36.9
-82.5°	45.7	47.2	48.0	47.7	44.7	41.6	38.3	34.7	31.0	26.8	24.3
-85°	23.1	23.5	23.4	22.7	21.2	19.6	19.6	19.3	18.5	17.5	16.2
-87.5°	7.7	8.4	8.9	9.4	9.6	9.8	9.8	9.6	9.3	8.7	8.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627043 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-735-U-WR-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°	7.3	5.7	4.3	2.9	1.8	0.8	0.0
85°	14.6	11.4	8.5	5.9	3.6	1.6	0.0
82.5°	21.8	17.0	12.7	8.8	5.4	2.3	0.0
80°	29.7	22.6	16.9	11.7	7.2	3.1	0.0
77.5°	42.3	29.4	21.0	14.5	8.9	3.9	0.0
75°	54.7	38.5	25.4	17.4	10.6	4.6	0.0
72.5°	66.6	47.2	31.4	20.1	12.3	5.4	0.0
70°	77.9	55.6	37.3	23.0	13.9	6.1	0.0
67.5°	87.7	63.7	42.9	26.5	15.5	6.8	0.0
65°	97.0	71.0	48.2	29.9	17.0	7.5	0.0
62.5°	105.8	77.8	53.2	33.2	18.5	8.1	0.0
60°	114.0	84.1	57.8	36.2	19.9	8.8	0.0
57.5°	121.5	90.0	62.2	39.1	21.7	9.4	0.0
55°	128.4	95.4	66.2	41.7	23.3	10.0	0.0
52.5°	134.7	100.4	69.9	44.1	24.9	10.6	0.0
50°	140.4	105.0	73.3	46.2	26.5	11.1	0.0
47.5°	145.7	109.1	76.3	48.2	27.9	11.6	0.0
45°	151.7	112.8	79.0	50.2	29.3	12.1	0.0
42.5°	157.0	116.0	81.3	51.9	30.6	12.6	0.0
40°	161.7	118.7	83.3	53.8	31.8	13.0	0.0
37.5°	165.7	120.9	85.2	55.7	33.0	13.4	0.0
35°	169.0	123.3	86.7	57.5	34.0	13.7	0.0
32.5°	172.0	125.7	87.8	59.1	35.0	14.1	0.0
30°	175.4	127.5	88.6	60.6	35.8	14.4	0.0
27.5°	178.2	128.8	90.5	61.9	36.6	14.6	0.0
25°	180.3	129.6	92.4	63.0	37.3	14.8	0.0
22.5°	181.8	130.6	94.0	63.9	37.9	15.0	0.0
20°	182.7	133.0	95.4	64.7	38.4	15.2	0.0
17.5°	184.7	134.9	96.5	65.4	38.8	15.3	0.0
15°	187.2	136.4	97.5	65.8	39.2	15.4	0.0
12.5°	189.0	137.5	98.1	66.1	39.4	15.4	0.0
10°	190.1	138.2	98.6	66.3	39.5	15.4	0.0
7.5°	190.6	138.5	98.8	66.2	39.6	15.4	0.0
5°	190.4	138.4	98.7	66.0	39.5	15.4	0.0
2.5°	189.5	137.9	98.4	65.7	39.3	15.3	0.0
0°	188.1	137.0	97.9	65.2	39.1	15.2	0.0
-2.5°	189.5	137.9	98.4	65.7	39.3	15.3	0.0
-5°	190.4	138.4	98.7	66.0	39.5	15.4	0.0
-7.5°	190.6	138.5	98.8	66.2	39.6	15.4	0.0
-10°	190.1	138.2	98.6	66.3	39.5	15.4	0.0
-12.5°	189.0	137.5	98.1	66.1	39.4	15.4	0.0
-15°	187.2	136.4	97.5	65.8	39.2	15.4	0.0
-17.5°	184.7	134.9	96.5	65.4	38.8	15.3	0.0
-20°	182.7	133.0	95.4	64.7	38.4	15.2	0.0

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REPORT NUMBER: P627043 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	181.8	130.6	94.0	63.9	37.9	15.0	0.0
-25°	180.3	129.6	92.4	63.0	37.3	14.8	0.0
-27.5°	178.2	128.8	90.5	61.9	36.6	14.6	0.0
-30°	175.4	127.5	88.6	60.6	35.8	14.4	0.0
-32.5°	172.0	125.7	87.8	59.1	35.0	14.1	0.0
-35°	169.0	123.3	86.7	57.5	34.0	13.7	0.0
-37.5°	165.7	120.9	85.2	55.7	33.0	13.4	0.0
-40°	161.7	118.7	83.3	53.8	31.8	13.0	0.0
-42.5°	157.0	116.0	81.3	51.9	30.6	12.6	0.0
-45°	151.7	112.8	79.0	50.2	29.3	12.1	0.0
-47.5°	145.7	109.1	76.3	48.2	27.9	11.6	0.0
-50°	140.4	105.0	73.3	46.2	26.5	11.1	0.0
-52.5°	134.7	100.4	69.9	44.1	24.9	10.6	0.0
-55°	128.4	95.4	66.2	41.7	23.3	10.0	0.0
-57.5°	121.5	90.0	62.2	39.1	21.7	9.4	0.0
-60°	114.0	84.1	57.8	36.2	19.9	8.8	0.0
-62.5°	105.8	77.8	53.2	33.2	18.5	8.1	0.0
-65°	97.0	71.0	48.2	29.9	17.0	7.5	0.0
-67.5°	87.7	63.7	42.9	26.5	15.5	6.8	0.0
-70°	77.9	55.6	37.3	23.0	13.9	6.1	0.0
-72.5°	66.6	47.2	31.4	20.1	12.3	5.4	0.0
-75°	54.7	38.5	25.4	17.4	10.6	4.6	0.0
-77.5°	42.3	29.4	21.0	14.5	8.9	3.9	0.0
-80°	29.7	22.6	16.9	11.7	7.2	3.1	0.0
-82.5°	21.8	17.0	12.7	8.8	5.4	2.3	0.0
-85°	14.6	11.4	8.5	5.9	3.6	1.6	0.0
-87.5°	7.3	5.7	4.3	2.9	1.8	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)