

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: P626802 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-735-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626802 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1E-735-U-WR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6195.7 lumens
Efficiency: N/A
Efficacy: 93.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 7022.9 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 50.9°H x 47.1°V
Beam Lumens: 2982.9 lumens
Beam Efficiency: 48.1%

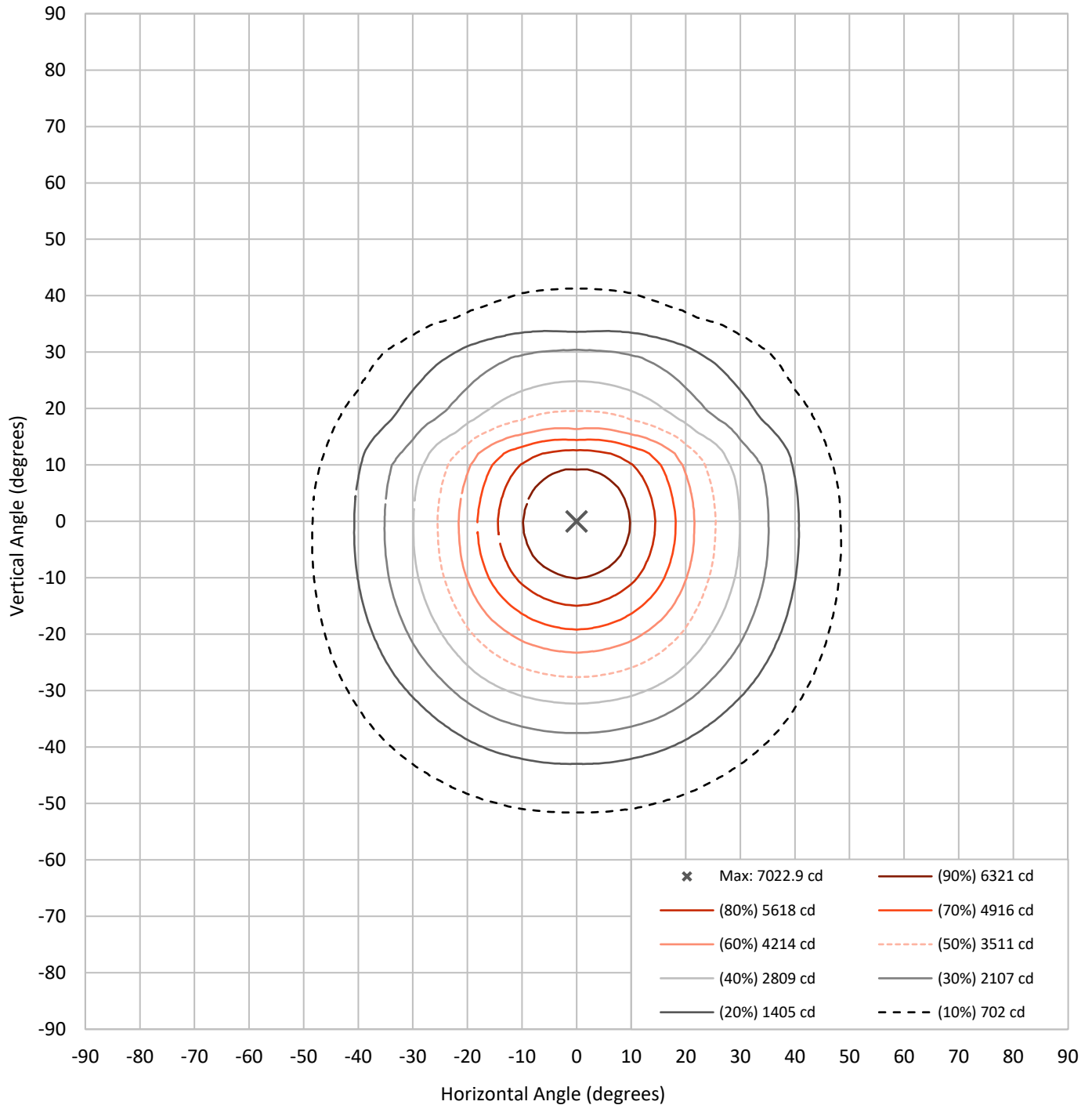
Field Angle (10%): 96.7°H x 92.9°V
Field Lumens: 5547.3 lumens
Field Efficiency: 89.5%

Input Watts (W): 66.2
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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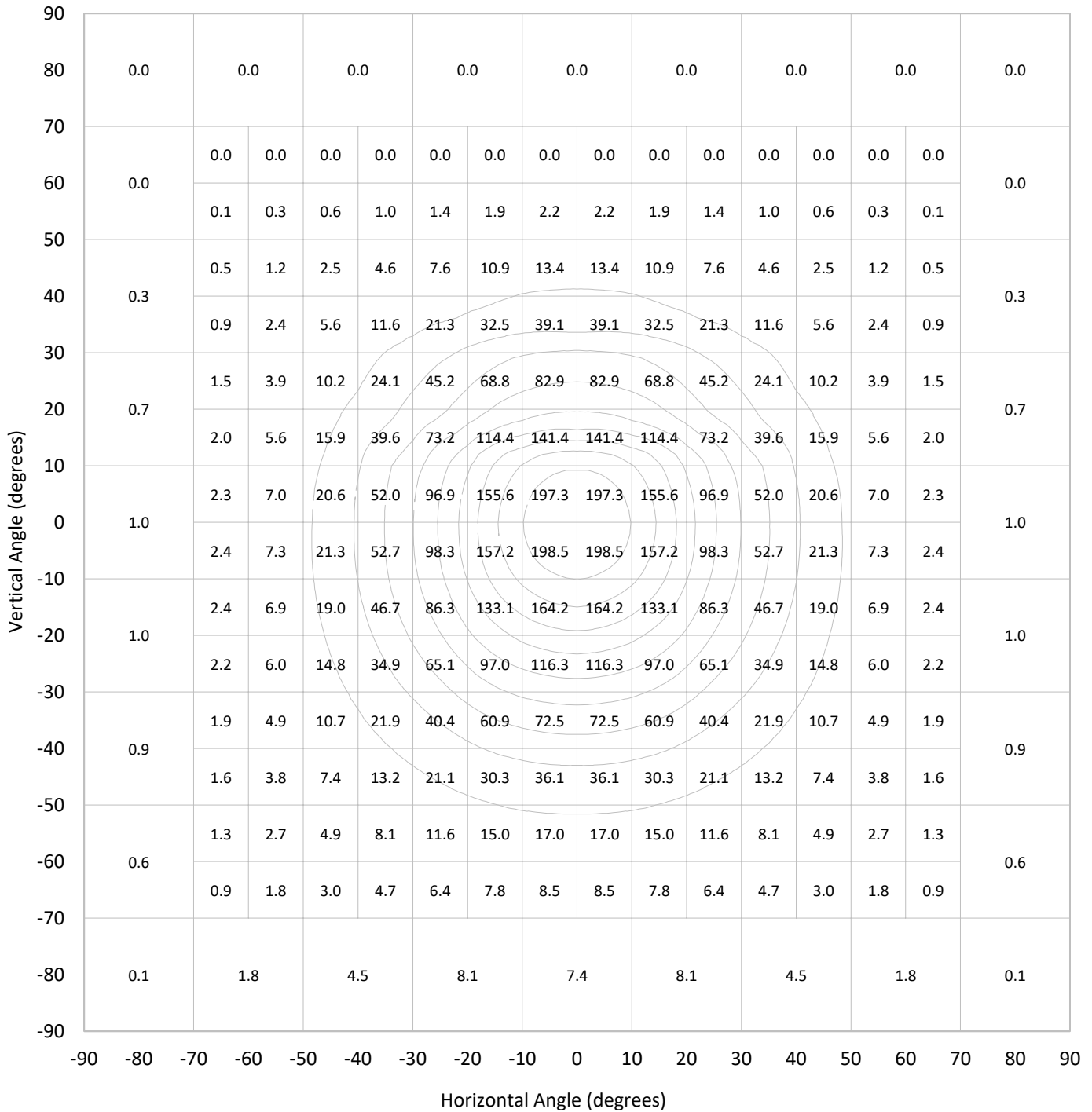
Iso-Candela Plot





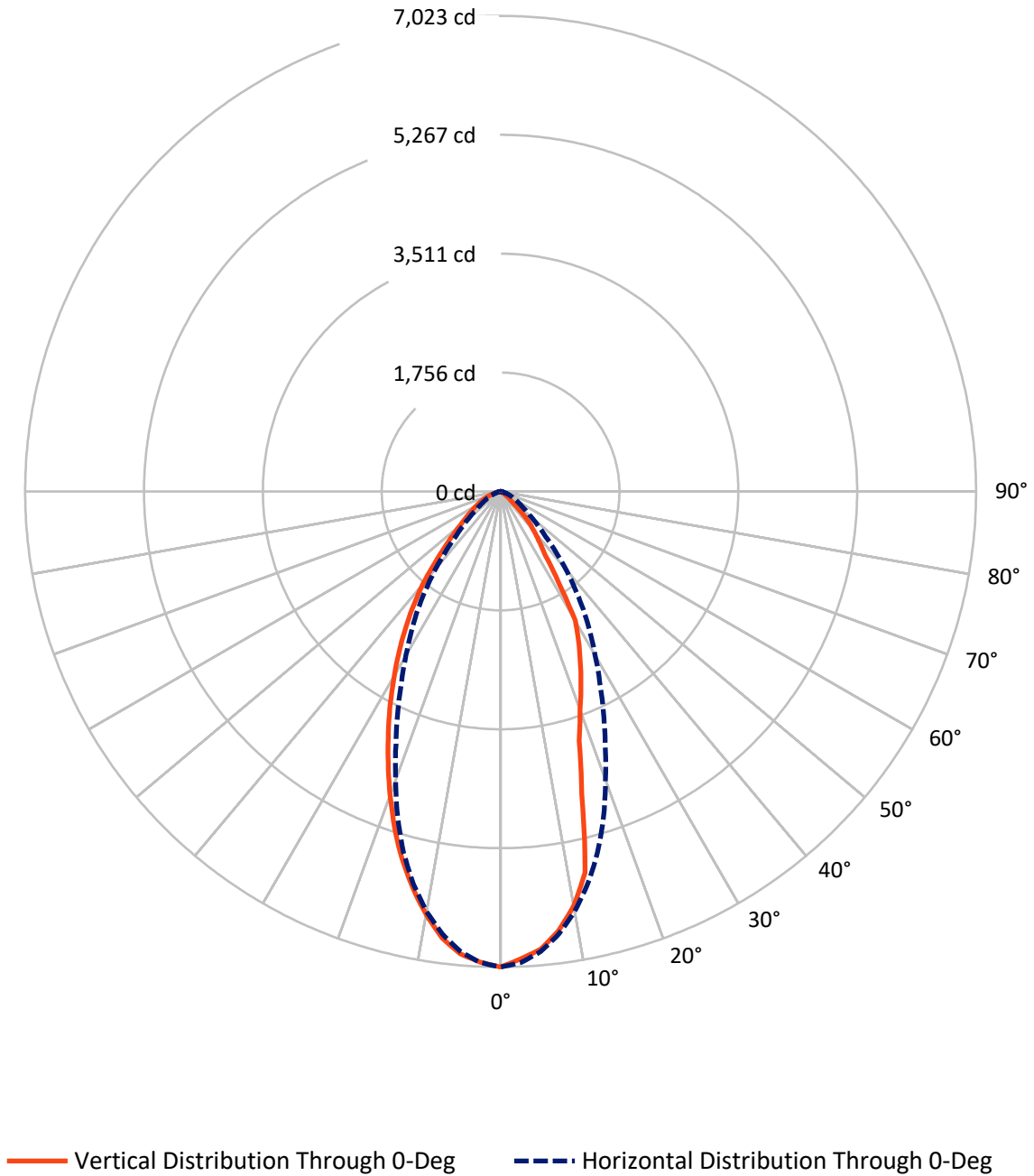
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Lumen Table



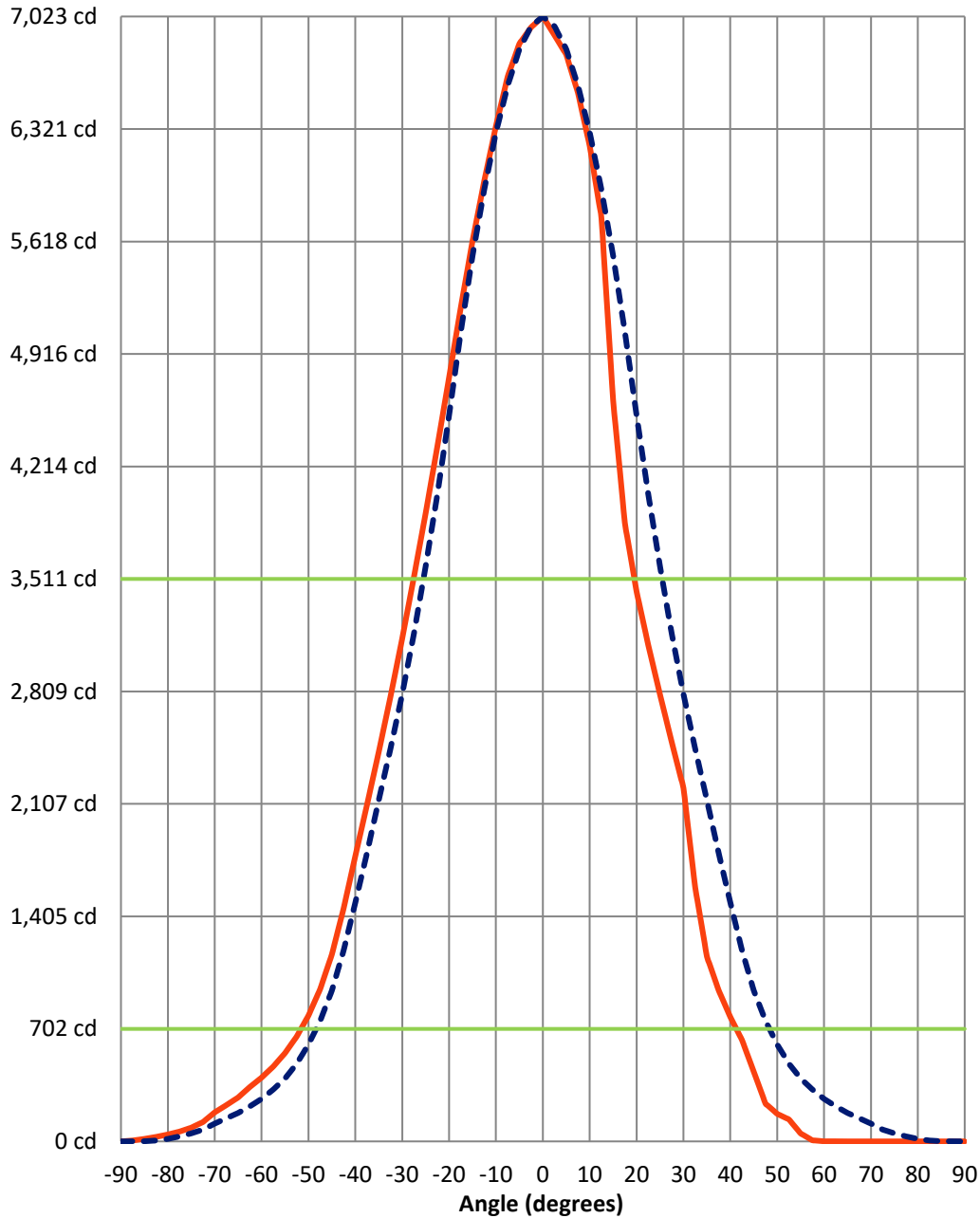
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 2982.9
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 5547.3
 Efficiency: 89.5%

Spill:
 Lumens: 648.4
 Efficiency: 10.5%

- 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	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
85°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
82.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.5	0.5	0.5
80°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.5	0.5	0.5
77.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5
75°	0.0	0.1	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
72.5°	0.0	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
70°	0.0	0.2	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
67.5°	0.0	0.2	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
65°	0.0	0.2	0.4	0.5	0.5	0.6	0.6	0.5	0.7	0.8	1.0
62.5°	0.0	0.2	0.5	0.5	0.5	0.7	0.7	0.7	1.0	1.3	2.1
60°	0.0	0.2	0.5	0.5	0.5	0.8	0.8	0.9	1.2	3.3	3.6
57.5°	0.0	0.3	0.5	0.5	0.6	0.9	1.4	1.3	3.3	5.6	6.1
55°	0.0	0.3	0.5	0.5	0.8	1.1	2.1	1.9	6.0	8.4	9.5
52.5°	0.0	0.3	0.5	0.5	1.0	1.4	2.9	4.7	8.9	12.5	13.5
50°	0.0	0.3	0.5	0.5	1.1	2.2	3.8	7.8	12.5	17.0	20.6
47.5°	0.0	0.3	0.5	0.5	1.3	3.2	5.1	10.9	17.2	22.0	28.0
45°	0.0	0.4	0.6	0.7	1.5	4.2	7.8	14.0	21.9	28.5	35.2
42.5°	0.0	0.4	0.6	0.8	1.7	5.2	10.5	17.7	26.6	35.0	43.3
40°	0.0	0.4	0.6	1.0	2.2	6.3	13.2	21.8	31.4	41.2	51.7
37.5°	0.0	0.4	0.6	1.2	3.0	7.4	15.9	25.8	36.7	47.7	60.3
35°	0.0	0.4	0.6	1.4	3.9	9.3	18.5	29.8	41.9	55.4	69.7
32.5°	0.0	0.4	0.7	1.7	4.8	11.3	21.3	33.6	47.2	63.3	80.2
30°	0.0	0.4	0.7	2.0	5.7	13.4	24.5	37.6	52.5	71.4	90.8
27.5°	0.0	0.4	0.7	2.2	6.7	15.4	27.5	41.9	58.3	79.6	101.5
25°	0.0	0.5	0.7	2.5	7.7	17.3	30.4	46.1	65.0	88.3	112.1
22.5°	0.0	0.5	0.8	2.8	8.7	19.1	33.2	50.2	71.7	97.2	122.9
20°	0.0	0.5	0.8	3.2	9.6	21.0	35.9	54.2	78.2	105.9	133.2
17.5°	0.0	0.5	0.8	3.5	10.6	22.7	38.4	58.0	84.5	114.3	143.0
15°	0.0	0.5	0.8	3.8	11.4	24.3	40.7	61.4	90.6	122.4	152.2
12.5°	0.0	0.5	0.9	4.1	12.3	25.7	42.8	64.2	95.7	130.1	160.8
10°	0.0	0.5	0.9	4.4	13.1	27.1	44.7	66.7	99.8	134.7	167.5
7.5°	0.0	0.5	0.9	4.7	13.8	28.3	46.4	68.9	103.4	138.2	171.1
5°	0.0	0.5	1.0	5.0	14.5	29.4	47.9	70.8	106.4	141.0	173.9
2.5°	0.0	0.5	1.0	5.3	15.1	30.3	49.1	72.4	109.0	143.1	176.1
0°	0.0	0.5	1.0	5.5	15.6	31.1	50.2	73.7	110.9	144.5	177.6
-2.5°	0.0	0.5	1.2	5.8	16.3	32.1	51.6	75.8	113.1	146.6	179.9
-5°	0.0	0.6	1.3	6.2	16.9	32.9	52.7	77.6	114.6	148.1	181.6
-7.5°	0.0	0.6	1.4	6.5	17.5	33.6	53.6	79.0	115.6	149.0	182.6
-10°	0.0	0.6	1.6	6.7	17.9	34.1	54.2	80.0	116.1	149.4	182.9
-12.5°	0.0	0.6	1.7	6.9	18.2	34.4	54.6	80.6	115.9	149.1	182.0
-15°	0.0	0.7	1.8	7.1	18.4	34.5	54.7	80.7	115.1	147.8	180.3
-17.5°	0.0	0.7	2.0	7.2	18.5	34.5	54.5	80.6	113.6	146.1	177.8
-20°	0.0	0.7	2.1	7.3	18.5	34.3	54.4	80.2	111.7	143.9	174.7

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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	0.7	2.1	7.4	18.3	34.0	54.4	79.5	109.5	141.3	170.9
-25°	0.0	0.7	2.2	7.4	18.1	33.8	54.1	78.4	107.0	138.2	166.5
-27.5°	0.0	0.8	2.3	7.3	17.6	33.7	53.6	77.0	104.2	134.8	162.4
-30°	0.0	0.8	2.4	7.2	17.1	33.3	52.8	75.3	101.8	130.9	158.0
-32.5°	0.0	0.8	2.4	7.1	16.9	32.8	51.8	73.9	99.3	126.8	153.2
-35°	0.0	0.8	2.4	6.9	16.5	32.0	50.7	72.3	96.6	122.6	148.2
-37.5°	0.0	0.8	2.4	6.6	16.0	31.1	49.6	70.5	93.5	118.2	142.3
-40°	0.0	0.8	2.4	6.3	15.4	30.4	48.2	68.3	90.1	114.2	136.0
-42.5°	0.0	0.7	2.4	6.0	14.9	29.4	46.5	65.8	87.0	108.9	129.2
-45°	0.0	0.7	2.4	5.8	14.6	28.3	44.5	63.2	83.8	103.3	122.2
-47.5°	0.0	0.7	2.3	5.5	14.2	26.9	42.3	60.5	80.2	97.4	115.8
-50°	0.0	0.7	2.2	5.4	13.6	25.4	40.3	57.6	75.4	92.1	109.1
-52.5°	0.0	0.7	2.1	5.3	12.9	23.7	38.2	54.3	70.8	86.6	102.3
-55°	0.0	0.6	2.0	5.2	12.0	22.3	35.8	50.8	65.9	80.8	95.9
-57.5°	0.0	0.6	1.9	4.9	11.0	20.8	33.2	47.6	60.9	75.0	89.3
-60°	0.0	0.6	1.8	4.7	9.8	19.1	30.5	43.8	55.7	69.0	82.5
-62.5°	0.0	0.5	1.7	4.3	9.1	17.2	27.8	39.6	50.5	62.7	75.5
-65°	0.0	0.5	1.6	4.0	8.4	15.1	24.9	35.2	45.0	56.1	68.2
-67.5°	0.0	0.5	1.4	3.5	7.5	13.2	21.7	30.7	39.2	49.1	60.1
-70°	0.0	0.4	1.3	3.0	6.5	11.6	18.3	26.2	33.7	41.7	51.3
-72.5°	0.0	0.4	1.2	2.7	5.4	9.8	15.6	21.4	28.1	35.1	42.6
-75°	0.0	0.3	1.0	2.3	4.3	7.9	12.8	17.5	22.3	28.4	34.8
-77.5°	0.0	0.3	0.8	2.0	3.6	6.0	9.8	13.7	17.7	21.9	26.8
-80°	0.0	0.2	0.7	1.6	2.9	4.6	6.8	9.9	13.1	16.6	20.1
-82.5°	0.0	0.2	0.5	1.2	2.2	3.5	5.0	6.6	8.5	11.2	13.9
-85°	0.0	0.1	0.3	0.8	1.5	2.3	3.3	4.4	5.6	7.0	8.4
-87.5°	0.0	0.1	0.2	0.4	0.7	1.2	1.7	2.2	2.8	3.5	4.2
-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: P626802 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-735-U-WR-VSR-XX

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°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
85°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
82.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
80°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
77.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
72.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
70°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4
67.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.3
65°	0.5	0.5	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.5	0.5
62.5°	0.7	0.9	1.1	1.7	1.3	0.5	1.0	1.1	0.8	0.6	0.7
60°	2.2	1.5	3.9	5.4	3.5	1.8	2.3	4.5	3.7	1.0	2.6
57.5°	4.4	5.5	9.7	10.2	7.8	5.3	11.6	12.9	10.7	6.7	9.6
55°	9.2	13.0	16.4	16.2	16.3	20.5	24.1	23.6	20.8	28.7	36.2
52.5°	17.5	21.4	23.6	25.7	31.6	35.5	36.6	38.8	47.0	56.8	58.5
50°	25.6	29.6	32.6	40.3	46.3	49.3	52.2	59.7	72.1	78.7	79.8
47.5°	33.9	38.4	46.3	54.6	60.4	65.0	70.0	87.0	100.8	106.5	108.6
45°	42.5	50.3	60.1	68.7	75.4	81.7	97.8	121.0	130.7	139.5	161.8
42.5°	51.5	63.1	74.2	83.2	90.8	104.0	126.4	148.9	162.8	181.4	208.4
40°	62.9	76.0	88.8	98.0	107.4	127.4	155.2	179.0	193.7	218.7	249.4
37.5°	74.5	89.8	103.7	113.3	126.6	153.6	186.2	214.7	233.0	253.3	302.6
35°	86.0	103.9	118.1	131.0	147.5	184.7	224.9	256.6	279.2	314.0	376.4
32.5°	98.2	118.2	132.7	150.3	177.3	218.9	268.3	303.6	341.0	391.1	491.1
30°	111.2	131.6	148.3	169.5	205.7	254.2	311.6	355.9	406.6	488.1	595.9
27.5°	124.2	145.0	165.6	192.5	232.3	284.7	344.6	414.5	480.0	571.2	689.0
25°	136.7	158.6	182.5	215.0	258.0	312.9	378.3	458.9	544.5	648.7	787.1
22.5°	148.6	172.5	200.4	235.4	279.8	339.7	417.7	512.3	615.2	723.1	882.2
20°	160.3	187.9	220.0	259.1	299.8	364.4	456.2	570.8	699.7	847.6	1003.4
17.5°	171.8	203.2	240.2	283.7	332.9	399.1	495.7	632.1	789.0	981.5	1173.3
15°	183.1	218.2	259.8	308.0	366.4	445.5	555.2	705.1	894.7	1125.2	1352.4
12.5°	194.1	232.7	278.6	331.7	398.9	489.1	611.3	773.0	990.2	1265.6	1544.8
10°	204.6	246.7	296.4	354.6	430.0	529.8	660.9	831.8	1062.3	1346.2	1656.6
7.5°	209.9	256.1	311.6	376.4	459.3	567.1	704.0	881.5	1118.7	1410.9	1722.2
5°	213.7	260.4	317.3	385.1	475.5	592.5	737.0	922.1	1160.2	1459.6	1766.6
2.5°	216.7	263.5	321.5	390.0	481.8	600.9	747.9	936.2	1182.5	1485.1	1792.5
0°	218.7	265.4	324.1	392.8	485.1	605.0	753.0	942.1	1191.9	1490.9	1801.9
-2.5°	220.8	268.0	326.8	397.2	489.7	610.5	758.5	946.2	1199.0	1492.5	1806.9
-5°	222.1	269.4	327.8	399.2	491.1	611.6	758.1	942.3	1193.4	1480.8	1795.9
-7.5°	222.4	269.5	327.2	398.8	489.2	606.8	750.1	930.5	1173.9	1457.1	1768.8
-10°	221.9	268.3	325.1	395.2	483.7	597.0	735.7	910.1	1141.9	1417.9	1723.0
-12.5°	220.2	265.8	321.2	389.3	474.9	583.0	715.6	881.1	1097.5	1363.5	1658.4
-15°	217.6	262.1	315.6	381.1	462.6	564.9	689.6	843.4	1040.3	1294.4	1577.9
-17.5°	214.1	257.1	308.3	370.7	447.0	543.0	658.2	799.2	978.6	1217.2	1488.5
-20°	209.5	250.9	299.3	358.1	429.0	520.0	629.1	760.1	920.9	1128.8	1382.9

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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°	204.0	243.6	289.7	346.0	413.0	496.0	596.6	715.8	856.2	1026.6	1267.8
-25°	198.3	236.5	280.4	332.4	394.7	468.9	559.3	668.0	795.1	951.1	1150.5
-27.5°	192.6	228.4	269.6	316.9	374.3	440.9	524.3	623.4	736.7	869.3	1031.7
-30°	186.3	219.4	257.7	300.5	354.6	416.5	488.7	573.5	674.2	794.1	935.2
-32.5°	179.4	209.7	246.3	286.4	333.6	389.9	452.4	529.1	616.7	715.6	837.6
-35°	172.5	201.4	234.5	271.2	311.1	363.8	421.1	484.8	559.4	646.9	744.5
-37.5°	165.8	192.3	221.8	256.1	293.5	337.3	387.9	445.4	509.6	579.3	663.6
-40°	158.4	182.5	210.5	241.5	274.6	312.5	358.2	407.0	462.3	523.6	588.7
-42.5°	150.4	173.6	199.0	225.8	256.2	290.1	327.9	372.5	418.5	469.8	526.6
-45°	142.5	163.8	187.1	211.5	237.1	267.0	301.4	338.5	379.2	421.2	468.9
-47.5°	134.2	153.6	175.4	196.6	219.3	244.8	274.0	307.7	341.7	379.0	416.0
-50°	125.9	144.1	162.4	182.2	202.5	223.8	248.5	277.5	308.4	339.4	372.0
-52.5°	118.5	134.2	150.7	167.8	186.2	205.1	225.7	249.7	276.7	304.0	332.1
-55°	110.9	125.4	139.0	154.3	170.2	187.3	205.6	225.8	246.2	271.0	295.2
-57.5°	103.5	116.4	128.2	141.2	155.4	169.9	186.4	203.5	222.0	240.8	260.6
-60°	96.0	107.0	117.8	129.0	140.9	153.8	167.0	182.1	198.0	214.3	231.4
-62.5°	88.3	97.2	106.7	117.0	127.5	137.4	148.6	160.8	173.9	187.9	202.4
-65°	79.7	87.1	95.0	104.0	113.8	121.8	130.4	139.6	150.4	162.0	173.4
-67.5°	70.5	77.0	83.5	90.2	98.2	105.3	112.4	119.7	127.8	137.2	146.4
-70°	60.3	66.8	72.5	78.0	83.1	88.2	94.2	100.0	106.5	115.0	123.3
-72.5°	49.8	56.0	61.4	66.0	69.6	72.7	76.3	80.6	86.8	94.7	102.0
-75°	40.3	45.3	50.3	54.8	57.1	58.0	58.8	61.0	67.4	75.4	82.5
-77.5°	31.4	35.7	39.8	43.8	45.4	46.0	46.3	46.3	51.0	57.8	65.0
-80°	23.1	26.1	29.6	33.0	34.0	34.3	34.3	34.1	37.9	42.8	48.1
-82.5°	16.1	18.2	20.4	22.7	23.0	22.9	22.6	22.2	25.3	28.9	32.5
-85°	9.3	10.2	11.6	13.0	13.2	13.1	12.9	12.5	14.2	16.1	18.2
-87.5°	4.7	5.1	5.6	6.0	5.9	5.6	5.3	5.0	5.4	5.9	6.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626802 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-735-U-WR-VSR-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°	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.5	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.5	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.5	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.5	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.5	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.5	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.2	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.5	0.5	0.4	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0
62.5°	0.6	0.6	0.4	0.4	0.5	0.5	0.4	0.4	0.3	0.4	0.4
60°	2.8	1.6	1.6	2.1	1.8	0.8	1.6	2.1	1.9	1.5	1.3
57.5°	14.4	12.1	8.4	14.1	14.5	10.1	11.0	14.3	13.9	10.8	10.7
55°	36.3	36.8	39.5	43.1	45.7	47.0	48.1	53.5	59.2	64.8	67.7
52.5°	59.9	66.9	75.7	81.4	85.5	93.8	105.3	110.6	115.8	121.6	125.9
50°	88.2	100.4	109.2	110.5	124.2	133.1	135.2	145.2	156.0	162.8	167.7
47.5°	131.3	146.7	154.4	159.2	175.9	194.3	194.3	200.0	227.2	241.4	248.2
45°	189.1	202.0	215.5	250.5	282.7	292.9	314.8	344.5	363.7	390.2	419.4
42.5°	238.3	262.5	296.2	334.9	367.2	394.1	426.6	462.2	505.0	545.2	580.0
40°	287.1	316.9	358.8	400.8	441.4	478.7	531.1	576.9	627.4	682.8	728.9
37.5°	350.6	388.9	432.1	485.0	548.3	589.7	661.8	727.6	784.5	851.4	892.5
35°	448.3	498.1	536.4	643.4	720.4	768.8	854.1	962.3	1003.8	1088.0	1128.0
32.5°	571.1	637.3	738.1	879.7	982.6	1071.6	1199.2	1308.9	1402.5	1487.1	1575.1
30°	709.0	811.2	959.7	1148.0	1252.5	1377.2	1549.6	1679.8	1826.6	1987.7	2044.2
27.5°	834.2	987.3	1159.7	1312.2	1462.2	1617.5	1787.0	1954.2	2113.1	2247.2	2337.2
25°	950.2	1135.6	1303.2	1466.1	1628.6	1803.6	1995.3	2185.0	2359.8	2497.8	2602.6
22.5°	1069.9	1265.7	1445.0	1610.3	1799.4	1997.7	2201.5	2419.1	2618.1	2761.2	2875.5
20°	1182.4	1400.1	1604.6	1793.0	1971.7	2200.6	2435.3	2666.1	2882.8	3053.2	3185.0
17.5°	1361.0	1550.0	1800.0	2044.6	2246.0	2456.2	2769.9	3008.0	3248.5	3452.6	3592.3
15°	1580.3	1788.1	2046.3	2382.2	2658.1	2899.0	3223.1	3610.6	3894.1	4154.7	4333.5
12.5°	1799.8	2034.9	2314.1	2692.2	3085.0	3368.7	3761.9	4252.9	4583.2	4986.7	5185.6
10°	1968.1	2263.3	2550.8	2895.8	3273.0	3677.1	4100.9	4560.3	5001.6	5348.1	5657.9
7.5°	2035.8	2350.3	2683.1	3035.0	3412.3	3829.4	4281.0	4759.0	5213.2	5600.2	5940.7
5°	2086.4	2408.7	2743.7	3103.6	3506.9	3942.4	4400.8	4902.6	5366.4	5781.2	6129.5
2.5°	2118.6	2443.9	2777.4	3143.3	3567.5	4015.9	4489.0	5004.2	5475.0	5902.0	6249.1
0°	2130.9	2451.5	2793.1	3169.8	3589.7	4039.2	4532.8	5054.0	5528.5	5941.4	6298.5
-2.5°	2132.6	2444.4	2794.2	3169.0	3570.8	4024.5	4524.0	5040.9	5505.8	5916.9	6277.3
-5°	2115.9	2427.5	2777.6	3146.8	3549.1	3999.3	4477.5	4976.9	5420.3	5820.5	6167.4
-7.5°	2081.9	2392.7	2735.1	3095.8	3487.2	3924.0	4383.2	4847.6	5282.5	5666.3	5997.4
-10°	2031.6	2335.8	2666.3	3017.8	3388.2	3803.6	4241.5	4685.1	5093.1	5448.0	5754.2
-12.5°	1963.4	2260.6	2576.2	2911.7	3256.5	3652.6	4066.0	4482.7	4854.5	5178.5	5453.2
-15°	1874.8	2165.1	2470.7	2788.0	3122.4	3480.6	3851.6	4233.7	4576.6	4864.0	5115.0
-17.5°	1770.5	2052.0	2342.3	2636.4	2953.7	3289.7	3634.2	3977.2	4269.6	4524.9	4754.4
-20°	1654.2	1925.4	2201.1	2475.4	2763.2	3074.0	3392.1	3693.5	3949.0	4181.0	4390.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626802 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1523.8	1783.5	2047.7	2304.3	2563.9	2845.3	3129.4	3401.9	3640.9	3839.3	4021.8
-25°	1384.2	1624.2	1873.6	2114.3	2353.2	2605.3	2863.4	3114.1	3324.5	3496.7	3647.5
-27.5°	1243.6	1462.8	1682.7	1909.2	2130.0	2362.7	2596.3	2812.8	3001.7	3160.4	3287.1
-30°	1095.7	1291.7	1492.5	1697.5	1908.3	2121.2	2332.3	2521.9	2686.8	2826.3	2935.9
-32.5°	972.9	1121.8	1299.0	1485.0	1682.7	1876.7	2060.3	2233.2	2388.6	2510.4	2603.3
-35°	855.1	981.2	1113.9	1278.6	1448.4	1627.0	1795.9	1950.1	2088.6	2195.1	2282.5
-37.5°	753.9	853.6	965.8	1083.5	1225.8	1373.4	1525.8	1670.9	1794.4	1887.2	1965.3
-40°	666.3	745.0	834.7	927.9	1032.7	1138.7	1271.4	1393.8	1494.6	1581.4	1652.1
-42.5°	587.0	653.5	719.7	796.1	875.2	960.4	1053.6	1144.1	1221.5	1294.1	1354.2
-45°	518.6	571.7	624.5	683.5	741.6	810.9	877.5	936.9	999.5	1053.9	1096.7
-47.5°	458.8	500.2	545.5	589.7	636.3	688.5	738.0	783.2	829.1	868.9	900.8
-50°	405.7	440.0	476.9	511.7	549.3	587.5	624.2	660.1	695.0	725.3	748.8
-52.5°	359.2	389.1	417.9	445.6	475.6	503.8	530.3	560.0	587.3	611.1	627.2
-55°	319.6	344.0	367.6	390.7	413.4	434.8	456.0	479.0	500.0	519.0	531.0
-57.5°	282.4	303.2	323.2	342.0	360.0	377.1	394.9	412.6	428.8	443.1	452.3
-60°	248.5	265.6	282.8	298.2	312.7	326.4	341.4	355.5	368.6	379.6	386.0
-62.5°	217.5	232.8	245.5	257.7	270.1	282.3	293.0	303.4	313.5	322.0	327.6
-65°	185.1	198.1	208.9	218.7	227.5	237.0	246.1	254.3	261.6	267.1	270.7
-67.5°	156.2	165.7	174.4	182.1	190.0	197.6	204.6	210.8	216.3	220.1	222.7
-70°	131.0	138.2	145.3	152.4	159.4	165.3	170.4	175.1	179.3	181.0	181.8
-72.5°	108.8	115.3	121.5	127.8	133.6	138.2	141.9	145.4	148.4	145.8	141.1
-75°	88.7	94.4	100.2	105.7	110.9	114.4	117.2	119.7	122.1	116.3	108.4
-77.5°	72.3	77.3	81.6	85.9	90.2	92.4	94.2	95.9	97.5	91.1	83.0
-80°	53.7	57.7	61.4	65.0	68.5	69.9	70.6	71.1	71.4	65.9	59.6
-82.5°	36.3	38.4	40.4	42.5	44.6	45.8	46.6	47.3	47.7	43.8	39.5
-85°	20.3	20.9	21.4	21.9	22.2	22.9	23.6	24.2	24.8	23.0	20.9
-87.5°	7.0	7.0	6.9	6.9	6.8	6.8	6.8	6.8	6.8	6.5	6.2
-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: P626802 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-735-U-WR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
62.5°	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.4
60°	1.0	0.6	0.5	0.5	0.5	0.6	1.0	1.3	1.5	1.9	2.1
57.5°	10.0	8.7	7.8	7.0	7.8	8.7	10.0	10.7	10.8	13.9	14.3
55°	66.4	61.9	56.3	49.7	56.3	61.9	66.4	67.7	64.8	59.2	53.5
52.5°	130.4	134.7	137.2	136.9	137.2	134.7	130.4	125.9	121.6	115.8	110.6
50°	171.6	173.9	174.0	172.1	174.0	173.9	171.6	167.7	162.8	156.0	145.2
47.5°	251.3	248.0	242.4	236.3	242.4	248.0	251.3	248.2	241.4	227.2	200.0
45°	438.6	449.1	448.4	434.9	448.4	449.1	438.6	419.4	390.2	363.7	344.5
42.5°	599.4	615.2	626.4	632.1	626.4	615.2	599.4	580.0	545.2	505.0	462.2
40°	754.9	770.2	776.9	776.5	776.9	770.2	754.9	728.9	682.8	627.4	576.9
37.5°	919.2	939.0	948.6	944.1	948.6	939.0	919.2	892.5	851.4	784.5	727.6
35°	1145.3	1163.8	1164.2	1154.8	1164.2	1163.8	1145.3	1128.0	1088.0	1003.8	962.3
32.5°	1645.0	1651.1	1603.6	1586.7	1603.6	1651.1	1645.0	1575.1	1487.1	1402.5	1308.9
30°	2100.4	2144.3	2185.1	2205.7	2185.1	2144.3	2100.4	2044.2	1987.7	1826.6	1679.8
27.5°	2405.0	2457.8	2490.6	2492.6	2490.6	2457.8	2405.0	2337.2	2247.2	2113.1	1954.2
25°	2682.1	2741.2	2776.9	2789.1	2776.9	2741.2	2682.1	2602.6	2497.8	2359.8	2185.0
22.5°	2972.4	3042.0	3088.1	3097.6	3088.1	3042.0	2972.4	2875.5	2761.2	2618.1	2419.1
20°	3309.2	3390.2	3434.5	3432.7	3434.5	3390.2	3309.2	3185.0	3053.2	2882.8	2666.1
17.5°	3752.7	3839.6	3877.8	3861.1	3877.8	3839.6	3752.7	3592.3	3452.6	3248.5	3008.0
15°	4517.1	4698.9	4698.2	4625.6	4698.2	4698.9	4517.1	4333.5	4154.7	3894.1	3610.6
12.5°	5459.9	5595.4	5734.4	5764.3	5734.4	5595.4	5459.9	5185.6	4986.7	4583.2	4252.9
10°	5918.7	6098.7	6217.4	6214.3	6217.4	6098.7	5918.7	5657.9	5348.1	5001.6	4560.3
7.5°	6205.8	6404.6	6548.4	6545.3	6548.4	6404.6	6205.8	5940.7	5600.2	5213.2	4759.0
5°	6427.3	6647.7	6775.2	6784.6	6775.2	6647.7	6427.3	6129.5	5781.2	5366.4	4902.6
2.5°	6542.4	6772.4	6925.7	6905.5	6925.7	6772.4	6542.4	6249.1	5902.0	5475.0	5004.2
0°	6590.5	6818.2	6961.2	7022.9	6961.2	6818.2	6590.5	6298.5	5941.4	5528.5	5054.0
-2.5°	6569.5	6791.1	6949.1	6955.2	6949.1	6791.1	6569.5	6277.3	5916.9	5505.8	5040.9
-5°	6456.9	6690.8	6796.6	6852.8	6796.6	6690.8	6456.9	6167.4	5820.5	5420.3	4976.9
-7.5°	6275.4	6450.6	6585.1	6647.2	6585.1	6450.6	6275.4	5997.4	5666.3	5282.5	4847.6
-10°	5992.9	6174.3	6287.9	6339.2	6287.9	6174.3	5992.9	5754.2	5448.0	5093.1	4685.1
-12.5°	5679.9	5844.8	5952.8	5996.0	5952.8	5844.8	5679.9	5453.2	5178.5	4854.5	4482.7
-15°	5330.7	5480.4	5579.9	5621.3	5579.9	5480.4	5330.7	5115.0	4864.0	4576.6	4233.7
-17.5°	4946.3	5077.5	5176.6	5206.5	5176.6	5077.5	4946.3	4754.4	4524.9	4269.6	3977.2
-20°	4551.1	4669.7	4751.3	4769.0	4751.3	4669.7	4551.1	4390.9	4181.0	3949.0	3693.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626802 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4152.8	4250.5	4316.8	4339.1	4316.8	4250.5	4152.8	4021.8	3839.3	3640.9	3401.9
-25°	3763.6	3848.0	3901.3	3921.3	3901.3	3848.0	3763.6	3647.5	3496.7	3324.5	3114.1
-27.5°	3389.3	3467.9	3516.9	3523.5	3516.9	3467.9	3389.3	3287.1	3160.4	3001.7	2812.8
-30°	3021.0	3085.9	3123.7	3139.7	3123.7	3085.9	3021.0	2935.9	2826.3	2686.8	2521.9
-32.5°	2676.9	2733.6	2767.5	2776.5	2767.5	2733.6	2676.9	2603.3	2510.4	2388.6	2233.2
-35°	2351.9	2404.3	2434.4	2431.9	2434.4	2404.3	2351.9	2282.5	2195.1	2088.6	1950.1
-37.5°	2029.8	2078.1	2105.4	2102.9	2105.4	2078.1	2029.8	1965.3	1887.2	1794.4	1670.9
-40°	1710.2	1751.9	1776.0	1781.8	1776.0	1751.9	1710.2	1652.1	1581.4	1494.6	1393.8
-42.5°	1404.1	1442.6	1461.8	1454.2	1461.8	1442.6	1404.1	1354.2	1294.1	1221.5	1144.1
-45°	1126.6	1146.6	1159.7	1167.8	1159.7	1146.6	1126.6	1096.7	1053.9	999.5	936.9
-47.5°	924.1	940.6	949.5	951.1	949.5	940.6	924.1	900.8	868.9	829.1	783.2
-50°	767.1	781.2	787.4	785.6	787.4	781.2	767.1	748.8	725.3	695.0	660.1
-52.5°	638.8	646.9	652.4	655.1	652.4	646.9	638.8	627.2	611.1	587.3	560.0
-55°	540.0	546.3	550.0	551.3	550.0	546.3	540.0	531.0	519.0	500.0	479.0
-57.5°	460.1	466.1	468.3	467.5	468.3	466.1	460.1	452.3	443.1	428.8	412.6
-60°	391.0	394.4	397.0	398.3	397.0	394.4	391.0	386.0	379.6	368.6	355.5
-62.5°	332.1	335.3	338.0	339.6	338.0	335.3	332.1	327.6	322.0	313.5	303.4
-65°	273.2	274.6	275.0	274.4	275.0	274.6	273.2	270.7	267.1	261.6	254.3
-67.5°	224.6	225.8	226.6	226.7	226.6	225.8	224.6	222.7	220.1	216.3	210.8
-70°	182.6	183.1	182.5	181.1	182.5	183.1	182.6	181.8	181.0	179.3	175.1
-72.5°	136.4	131.4	126.4	120.9	126.4	131.4	136.4	141.1	145.8	148.4	145.4
-75°	100.3	91.8	88.8	85.8	88.8	91.8	100.3	108.4	116.3	122.1	119.7
-77.5°	74.6	65.8	63.4	61.2	63.4	65.8	74.6	83.0	91.1	97.5	95.9
-80°	53.0	46.2	44.6	43.1	44.6	46.2	53.0	59.6	65.9	71.4	71.1
-82.5°	34.8	30.0	29.1	28.1	29.1	30.0	34.8	39.5	43.8	47.7	47.3
-85°	18.8	16.5	16.1	15.6	16.1	16.5	18.8	20.9	23.0	24.8	24.2
-87.5°	5.8	5.5	5.5	5.5	5.5	5.5	5.8	6.2	6.5	6.8	6.8
-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: P626802 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-735-U-WR-VSR-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°	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4
85°	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.5	0.5	0.5	0.5
82.5°	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.5	0.5	0.5	0.5
80°	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.5	0.5	0.5	0.5
77.5°	0.0	0.0	0.0	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.5
75°	0.0	0.0	0.0	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.5
72.5°	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.5	0.5	0.5	0.5
70°	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.5	0.5
67.5°	0.0	0.0	0.1	0.2	0.3	0.3	0.2	0.3	0.4	0.5	0.5
65°	0.1	0.1	0.1	0.2	0.4	0.5	0.5	0.5	0.5	0.5	0.5
62.5°	0.4	0.5	0.5	0.4	0.4	0.6	0.6	0.7	0.6	0.8	1.1
60°	1.6	0.8	1.8	2.1	1.6	1.6	2.8	2.6	1.0	3.7	4.5
57.5°	11.0	10.1	14.5	14.1	8.4	12.1	14.4	9.6	6.7	10.7	12.9
55°	48.1	47.0	45.7	43.1	39.5	36.8	36.3	36.2	28.7	20.8	23.6
52.5°	105.3	93.8	85.5	81.4	75.7	66.9	59.9	58.5	56.8	47.0	38.8
50°	135.2	133.1	124.2	110.5	109.2	100.4	88.2	79.8	78.7	72.1	59.7
47.5°	194.3	194.3	175.9	159.2	154.4	146.7	131.3	108.6	106.5	100.8	87.0
45°	314.8	292.9	282.7	250.5	215.5	202.0	189.1	161.8	139.5	130.7	121.0
42.5°	426.6	394.1	367.2	334.9	296.2	262.5	238.3	208.4	181.4	162.8	148.9
40°	531.1	478.7	441.4	400.8	358.8	316.9	287.1	249.4	218.7	193.7	179.0
37.5°	661.8	589.7	548.3	485.0	432.1	388.9	350.6	302.6	253.3	233.0	214.7
35°	854.1	768.8	720.4	643.4	536.4	498.1	448.3	376.4	314.0	279.2	256.6
32.5°	1199.2	1071.6	982.6	879.7	738.1	637.3	571.1	491.1	391.1	341.0	303.6
30°	1549.6	1377.2	1252.5	1148.0	959.7	811.2	709.0	595.9	488.1	406.6	355.9
27.5°	1787.0	1617.5	1462.2	1312.2	1159.7	987.3	834.2	689.0	571.2	480.0	414.5
25°	1995.3	1803.6	1628.6	1466.1	1303.2	1135.6	950.2	787.1	648.7	544.5	458.9
22.5°	2201.5	1997.7	1799.4	1610.3	1445.0	1265.7	1069.9	882.2	723.1	615.2	512.3
20°	2435.3	2200.6	1971.7	1793.0	1604.6	1400.1	1182.4	1003.4	847.6	699.7	570.8
17.5°	2769.9	2456.2	2246.0	2044.6	1800.0	1550.0	1361.0	1173.3	981.5	789.0	632.1
15°	3223.1	2899.0	2658.1	2382.2	2046.3	1788.1	1580.3	1352.4	1125.2	894.7	705.1
12.5°	3761.9	3368.7	3085.0	2692.2	2314.1	2034.9	1799.8	1544.8	1265.6	990.2	773.0
10°	4100.9	3677.1	3273.0	2895.8	2550.8	2263.3	1968.1	1656.6	1346.2	1062.3	831.8
7.5°	4281.0	3829.4	3412.3	3035.0	2683.1	2350.3	2035.8	1722.2	1410.9	1118.7	881.5
5°	4400.8	3942.4	3506.9	3103.6	2743.7	2408.7	2086.4	1766.6	1459.6	1160.2	922.1
2.5°	4489.0	4015.9	3567.5	3143.3	2777.4	2443.9	2118.6	1792.5	1485.1	1182.5	936.2
0°	4532.8	4039.2	3589.7	3169.8	2793.1	2451.5	2130.9	1801.9	1490.9	1191.9	942.1
-2.5°	4524.0	4024.5	3570.8	3169.0	2794.2	2444.4	2132.6	1806.9	1492.5	1199.0	946.2
-5°	4477.5	3999.3	3549.1	3146.8	2777.6	2427.5	2115.9	1795.9	1480.8	1193.4	942.3
-7.5°	4383.2	3924.0	3487.2	3095.8	2735.1	2392.7	2081.9	1768.8	1457.1	1173.9	930.5
-10°	4241.5	3803.6	3388.2	3017.8	2666.3	2335.8	2031.6	1723.0	1417.9	1141.9	910.1
-12.5°	4066.0	3652.6	3256.5	2911.7	2576.2	2260.6	1963.4	1658.4	1363.5	1097.5	881.1
-15°	3851.6	3480.6	3122.4	2788.0	2470.7	2165.1	1874.8	1577.9	1294.4	1040.3	843.4
-17.5°	3634.2	3289.7	2953.7	2636.4	2342.3	2052.0	1770.5	1488.5	1217.2	978.6	799.2
-20°	3392.1	3074.0	2763.2	2475.4	2201.1	1925.4	1654.2	1382.9	1128.8	920.9	760.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626802 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3129.4	2845.3	2563.9	2304.3	2047.7	1783.5	1523.8	1267.8	1026.6	856.2	715.8
-25°	2863.4	2605.3	2353.2	2114.3	1873.6	1624.2	1384.2	1150.5	951.1	795.1	668.0
-27.5°	2596.3	2362.7	2130.0	1909.2	1682.7	1462.8	1243.6	1031.7	869.3	736.7	623.4
-30°	2332.3	2121.2	1908.3	1697.5	1492.5	1291.7	1095.7	935.2	794.1	674.2	573.5
-32.5°	2060.3	1876.7	1682.7	1485.0	1299.0	1121.8	972.9	837.6	715.6	616.7	529.1
-35°	1795.9	1627.0	1448.4	1278.6	1113.9	981.2	855.1	744.5	646.9	559.4	484.8
-37.5°	1525.8	1373.4	1225.8	1083.5	965.8	853.6	753.9	663.6	579.3	509.6	445.4
-40°	1271.4	1138.7	1032.7	927.9	834.7	745.0	666.3	588.7	523.6	462.3	407.0
-42.5°	1053.6	960.4	875.2	796.1	719.7	653.5	587.0	526.6	469.8	418.5	372.5
-45°	877.5	810.9	741.6	683.5	624.5	571.7	518.6	468.9	421.2	379.2	338.5
-47.5°	738.0	688.5	636.3	589.7	545.5	500.2	458.8	416.0	379.0	341.7	307.7
-50°	624.2	587.5	549.3	511.7	476.9	440.0	405.7	372.0	339.4	308.4	277.5
-52.5°	530.3	503.8	475.6	445.6	417.9	389.1	359.2	332.1	304.0	276.7	249.7
-55°	456.0	434.8	413.4	390.7	367.6	344.0	319.6	295.2	271.0	246.2	225.8
-57.5°	394.9	377.1	360.0	342.0	323.2	303.2	282.4	260.6	240.8	222.0	203.5
-60°	341.4	326.4	312.7	298.2	282.8	265.6	248.5	231.4	214.3	198.0	182.1
-62.5°	293.0	282.3	270.1	257.7	245.5	232.8	217.5	202.4	187.9	173.9	160.8
-65°	246.1	237.0	227.5	218.7	208.9	198.1	185.1	173.4	162.0	150.4	139.6
-67.5°	204.6	197.6	190.0	182.1	174.4	165.7	156.2	146.4	137.2	127.8	119.7
-70°	170.4	165.3	159.4	152.4	145.3	138.2	131.0	123.3	115.0	106.5	100.0
-72.5°	141.9	138.2	133.6	127.8	121.5	115.3	108.8	102.0	94.7	86.8	80.6
-75°	117.2	114.4	110.9	105.7	100.2	94.4	88.7	82.5	75.4	67.4	61.0
-77.5°	94.2	92.4	90.2	85.9	81.6	77.3	72.3	65.0	57.8	51.0	46.3
-80°	70.6	69.9	68.5	65.0	61.4	57.7	53.7	48.1	42.8	37.9	34.1
-82.5°	46.6	45.8	44.6	42.5	40.4	38.4	36.3	32.5	28.9	25.3	22.2
-85°	23.6	22.9	22.2	21.9	21.4	20.9	20.3	18.2	16.1	14.2	12.5
-87.5°	6.8	6.8	6.8	6.9	6.9	7.0	7.0	6.4	5.9	5.4	5.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626802 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-735-U-WR-VSR-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°	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.3
82.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4
80°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
77.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
72.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
70°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
67.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.5	0.5
65°	0.5	0.5	0.5	0.7	0.7	0.5	0.5	1.0	0.8	0.7	0.5
62.5°	1.0	0.5	1.3	1.7	1.1	0.9	0.7	2.1	1.3	1.0	0.7
60°	2.3	1.8	3.5	5.4	3.9	1.5	2.2	3.6	3.3	1.2	0.9
57.5°	11.6	5.3	7.8	10.2	9.7	5.5	4.4	6.1	5.6	3.3	1.3
55°	24.1	20.5	16.3	16.2	16.4	13.0	9.2	9.5	8.4	6.0	1.9
52.5°	36.6	35.5	31.6	25.7	23.6	21.4	17.5	13.5	12.5	8.9	4.7
50°	52.2	49.3	46.3	40.3	32.6	29.6	25.6	20.6	17.0	12.5	7.8
47.5°	70.0	65.0	60.4	54.6	46.3	38.4	33.9	28.0	22.0	17.2	10.9
45°	97.8	81.7	75.4	68.7	60.1	50.3	42.5	35.2	28.5	21.9	14.0
42.5°	126.4	104.0	90.8	83.2	74.2	63.1	51.5	43.3	35.0	26.6	17.7
40°	155.2	127.4	107.4	98.0	88.8	76.0	62.9	51.7	41.2	31.4	21.8
37.5°	186.2	153.6	126.6	113.3	103.7	89.8	74.5	60.3	47.7	36.7	25.8
35°	224.9	184.7	147.5	131.0	118.1	103.9	86.0	69.7	55.4	41.9	29.8
32.5°	268.3	218.9	177.3	150.3	132.7	118.2	98.2	80.2	63.3	47.2	33.6
30°	311.6	254.2	205.7	169.5	148.3	131.6	111.2	90.8	71.4	52.5	37.6
27.5°	344.6	284.7	232.3	192.5	165.6	145.0	124.2	101.5	79.6	58.3	41.9
25°	378.3	312.9	258.0	215.0	182.5	158.6	136.7	112.1	88.3	65.0	46.1
22.5°	417.7	339.7	279.8	235.4	200.4	172.5	148.6	122.9	97.2	71.7	50.2
20°	456.2	364.4	299.8	259.1	220.0	187.9	160.3	133.2	105.9	78.2	54.2
17.5°	495.7	399.1	332.9	283.7	240.2	203.2	171.8	143.0	114.3	84.5	58.0
15°	555.2	445.5	366.4	308.0	259.8	218.2	183.1	152.2	122.4	90.6	61.4
12.5°	611.3	489.1	398.9	331.7	278.6	232.7	194.1	160.8	130.1	95.7	64.2
10°	660.9	529.8	430.0	354.6	296.4	246.7	204.6	167.5	134.7	99.8	66.7
7.5°	704.0	567.1	459.3	376.4	311.6	256.1	209.9	171.1	138.2	103.4	68.9
5°	737.0	592.5	475.5	385.1	317.3	260.4	213.7	173.9	141.0	106.4	70.8
2.5°	747.9	600.9	481.8	390.0	321.5	263.5	216.7	176.1	143.1	109.0	72.4
0°	753.0	605.0	485.1	392.8	324.1	265.4	218.7	177.6	144.5	110.9	73.7
-2.5°	758.5	610.5	489.7	397.2	326.8	268.0	220.8	179.9	146.6	113.1	75.8
-5°	758.1	611.6	491.1	399.2	327.8	269.4	222.1	181.6	148.1	114.6	77.6
-7.5°	750.1	606.8	489.2	398.8	327.2	269.5	222.4	182.6	149.0	115.6	79.0
-10°	735.7	597.0	483.7	395.2	325.1	268.3	221.9	182.9	149.4	116.1	80.0
-12.5°	715.6	583.0	474.9	389.3	321.2	265.8	220.2	182.0	149.1	115.9	80.6
-15°	689.6	564.9	462.6	381.1	315.6	262.1	217.6	180.3	147.8	115.1	80.7
-17.5°	658.2	543.0	447.0	370.7	308.3	257.1	214.1	177.8	146.1	113.6	80.6
-20°	629.1	520.0	429.0	358.1	299.3	250.9	209.5	174.7	143.9	111.7	80.2

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626802 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	596.6	496.0	413.0	346.0	289.7	243.6	204.0	170.9	141.3	109.5	79.5
-25°	559.3	468.9	394.7	332.4	280.4	236.5	198.3	166.5	138.2	107.0	78.4
-27.5°	524.3	440.9	374.3	316.9	269.6	228.4	192.6	162.4	134.8	104.2	77.0
-30°	488.7	416.5	354.6	300.5	257.7	219.4	186.3	158.0	130.9	101.8	75.3
-32.5°	452.4	389.9	333.6	286.4	246.3	209.7	179.4	153.2	126.8	99.3	73.9
-35°	421.1	363.8	311.1	271.2	234.5	201.4	172.5	148.2	122.6	96.6	72.3
-37.5°	387.9	337.3	293.5	256.1	221.8	192.3	165.8	142.3	118.2	93.5	70.5
-40°	358.2	312.5	274.6	241.5	210.5	182.5	158.4	136.0	114.2	90.1	68.3
-42.5°	327.9	290.1	256.2	225.8	199.0	173.6	150.4	129.2	108.9	87.0	65.8
-45°	301.4	267.0	237.1	211.5	187.1	163.8	142.5	122.2	103.3	83.8	63.2
-47.5°	274.0	244.8	219.3	196.6	175.4	153.6	134.2	115.8	97.4	80.2	60.5
-50°	248.5	223.8	202.5	182.2	162.4	144.1	125.9	109.1	92.1	75.4	57.6
-52.5°	225.7	205.1	186.2	167.8	150.7	134.2	118.5	102.3	86.6	70.8	54.3
-55°	205.6	187.3	170.2	154.3	139.0	125.4	110.9	95.9	80.8	65.9	50.8
-57.5°	186.4	169.9	155.4	141.2	128.2	116.4	103.5	89.3	75.0	60.9	47.6
-60°	167.0	153.8	140.9	129.0	117.8	107.0	96.0	82.5	69.0	55.7	43.8
-62.5°	148.6	137.4	127.5	117.0	106.7	97.2	88.3	75.5	62.7	50.5	39.6
-65°	130.4	121.8	113.8	104.0	95.0	87.1	79.7	68.2	56.1	45.0	35.2
-67.5°	112.4	105.3	98.2	90.2	83.5	77.0	70.5	60.1	49.1	39.2	30.7
-70°	94.2	88.2	83.1	78.0	72.5	66.8	60.3	51.3	41.7	33.7	26.2
-72.5°	76.3	72.7	69.6	66.0	61.4	56.0	49.8	42.6	35.1	28.1	21.4
-75°	58.8	58.0	57.1	54.8	50.3	45.3	40.3	34.8	28.4	22.3	17.5
-77.5°	46.3	46.0	45.4	43.8	39.8	35.7	31.4	26.8	21.9	17.7	13.7
-80°	34.3	34.3	34.0	33.0	29.6	26.1	23.1	20.1	16.6	13.1	9.9
-82.5°	22.6	22.9	23.0	22.7	20.4	18.2	16.1	13.9	11.2	8.5	6.6
-85°	12.9	13.1	13.2	13.0	11.6	10.2	9.3	8.4	7.0	5.6	4.4
-87.5°	5.3	5.6	5.9	6.0	5.6	5.1	4.7	4.2	3.5	2.8	2.2
-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: P626802 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-735-U-WR-VSR-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°	0.1	0.1	0.1	0.1	0.0	0.0	0.0
85°	0.3	0.2	0.2	0.1	0.1	0.0	0.0
82.5°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
80°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
77.5°	0.5	0.5	0.4	0.3	0.2	0.1	0.0
75°	0.5	0.5	0.5	0.4	0.3	0.1	0.0
72.5°	0.5	0.5	0.5	0.4	0.3	0.2	0.0
70°	0.5	0.5	0.5	0.5	0.3	0.2	0.0
67.5°	0.5	0.5	0.5	0.5	0.4	0.2	0.0
65°	0.6	0.6	0.5	0.5	0.4	0.2	0.0
62.5°	0.7	0.7	0.5	0.5	0.5	0.2	0.0
60°	0.8	0.8	0.5	0.5	0.5	0.2	0.0
57.5°	1.4	0.9	0.6	0.5	0.5	0.3	0.0
55°	2.1	1.1	0.8	0.5	0.5	0.3	0.0
52.5°	2.9	1.4	1.0	0.5	0.5	0.3	0.0
50°	3.8	2.2	1.1	0.5	0.5	0.3	0.0
47.5°	5.1	3.2	1.3	0.5	0.5	0.3	0.0
45°	7.8	4.2	1.5	0.7	0.6	0.4	0.0
42.5°	10.5	5.2	1.7	0.8	0.6	0.4	0.0
40°	13.2	6.3	2.2	1.0	0.6	0.4	0.0
37.5°	15.9	7.4	3.0	1.2	0.6	0.4	0.0
35°	18.5	9.3	3.9	1.4	0.6	0.4	0.0
32.5°	21.3	11.3	4.8	1.7	0.7	0.4	0.0
30°	24.5	13.4	5.7	2.0	0.7	0.4	0.0
27.5°	27.5	15.4	6.7	2.2	0.7	0.4	0.0
25°	30.4	17.3	7.7	2.5	0.7	0.5	0.0
22.5°	33.2	19.1	8.7	2.8	0.8	0.5	0.0
20°	35.9	21.0	9.6	3.2	0.8	0.5	0.0
17.5°	38.4	22.7	10.6	3.5	0.8	0.5	0.0
15°	40.7	24.3	11.4	3.8	0.8	0.5	0.0
12.5°	42.8	25.7	12.3	4.1	0.9	0.5	0.0
10°	44.7	27.1	13.1	4.4	0.9	0.5	0.0
7.5°	46.4	28.3	13.8	4.7	0.9	0.5	0.0
5°	47.9	29.4	14.5	5.0	1.0	0.5	0.0
2.5°	49.1	30.3	15.1	5.3	1.0	0.5	0.0
0°	50.2	31.1	15.6	5.5	1.0	0.5	0.0
-2.5°	51.6	32.1	16.3	5.8	1.2	0.5	0.0
-5°	52.7	32.9	16.9	6.2	1.3	0.6	0.0
-7.5°	53.6	33.6	17.5	6.5	1.4	0.6	0.0
-10°	54.2	34.1	17.9	6.7	1.6	0.6	0.0
-12.5°	54.6	34.4	18.2	6.9	1.7	0.6	0.0
-15°	54.7	34.5	18.4	7.1	1.8	0.7	0.0
-17.5°	54.5	34.5	18.5	7.2	2.0	0.7	0.0
-20°	54.4	34.3	18.5	7.3	2.1	0.7	0.0

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CATALOG NUMBER: GFLD-SA1E-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	54.4	34.0	18.3	7.4	2.1	0.7	0.0
-25°	54.1	33.8	18.1	7.4	2.2	0.7	0.0
-27.5°	53.6	33.7	17.6	7.3	2.3	0.8	0.0
-30°	52.8	33.3	17.1	7.2	2.4	0.8	0.0
-32.5°	51.8	32.8	16.9	7.1	2.4	0.8	0.0
-35°	50.7	32.0	16.5	6.9	2.4	0.8	0.0
-37.5°	49.6	31.1	16.0	6.6	2.4	0.8	0.0
-40°	48.2	30.4	15.4	6.3	2.4	0.8	0.0
-42.5°	46.5	29.4	14.9	6.0	2.4	0.7	0.0
-45°	44.5	28.3	14.6	5.8	2.4	0.7	0.0
-47.5°	42.3	26.9	14.2	5.5	2.3	0.7	0.0
-50°	40.3	25.4	13.6	5.4	2.2	0.7	0.0
-52.5°	38.2	23.7	12.9	5.3	2.1	0.7	0.0
-55°	35.8	22.3	12.0	5.2	2.0	0.6	0.0
-57.5°	33.2	20.8	11.0	4.9	1.9	0.6	0.0
-60°	30.5	19.1	9.8	4.7	1.8	0.6	0.0
-62.5°	27.8	17.2	9.1	4.3	1.7	0.5	0.0
-65°	24.9	15.1	8.4	4.0	1.6	0.5	0.0
-67.5°	21.7	13.2	7.5	3.5	1.4	0.5	0.0
-70°	18.3	11.6	6.5	3.0	1.3	0.4	0.0
-72.5°	15.6	9.8	5.4	2.7	1.2	0.4	0.0
-75°	12.8	7.9	4.3	2.3	1.0	0.3	0.0
-77.5°	9.8	6.0	3.6	2.0	0.8	0.3	0.0
-80°	6.8	4.6	2.9	1.6	0.7	0.2	0.0
-82.5°	5.0	3.5	2.2	1.2	0.5	0.2	0.0
-85°	3.3	2.3	1.5	0.8	0.3	0.1	0.0
-87.5°	1.7	1.2	0.7	0.4	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)