

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: P627342 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-735-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627342 (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-SA4B-735-U-WR-VSR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (64) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15921.7 lumens
Efficiency: N/A
Efficacy: 122.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 18047.4 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 50.9°H x 47.1°V
Beam Lumens: 7665.5 lumens
Beam Efficiency: 48.1%

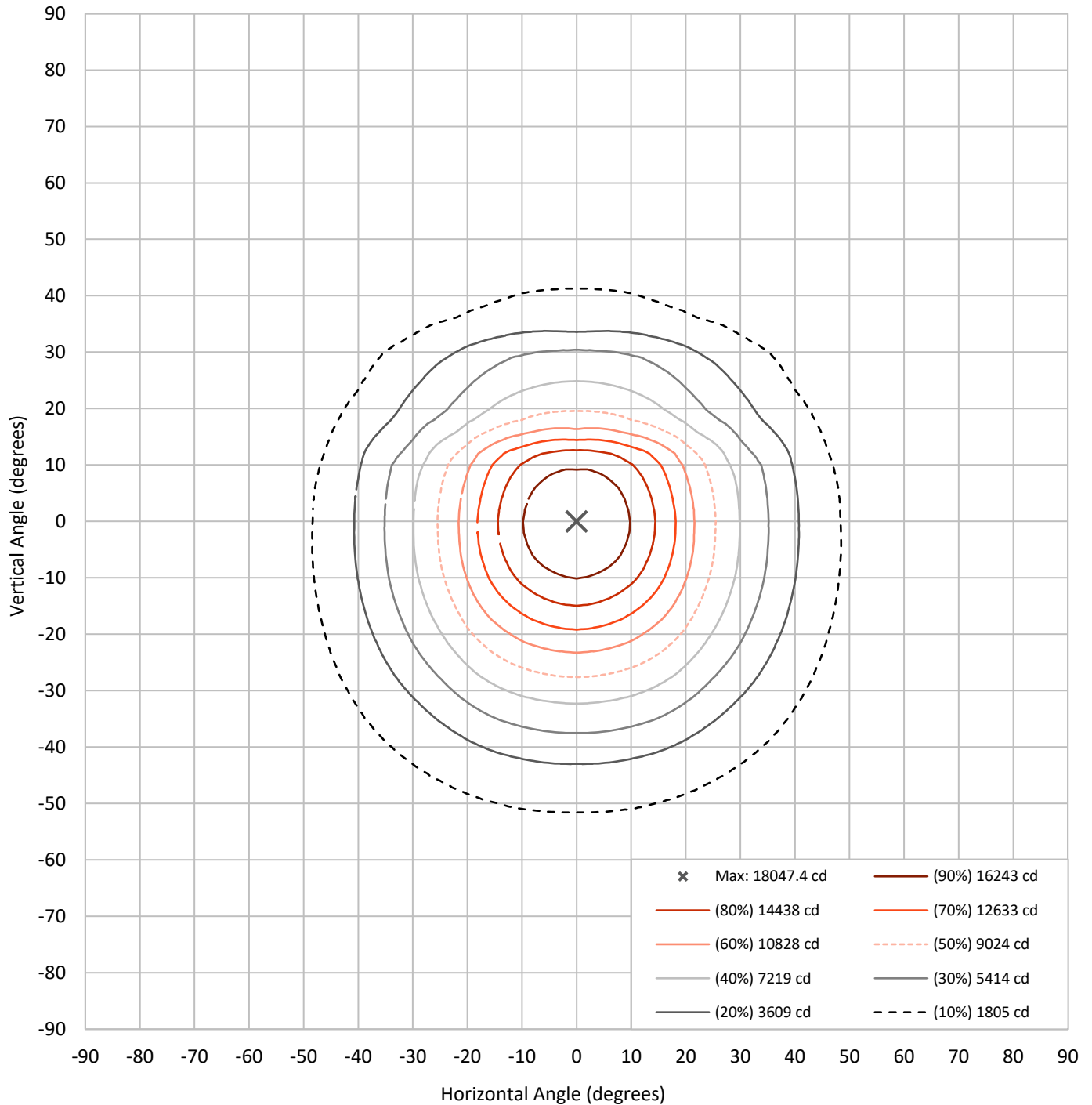
Field Angle (10%): 96.7°H x 92.9°V
Field Lumens: 14255.3 lumens
Field Efficiency: 89.5%

Input Watts (W): 129.5
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



REPORT NUMBER: P627342 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-735-U-WR-VSR-XX

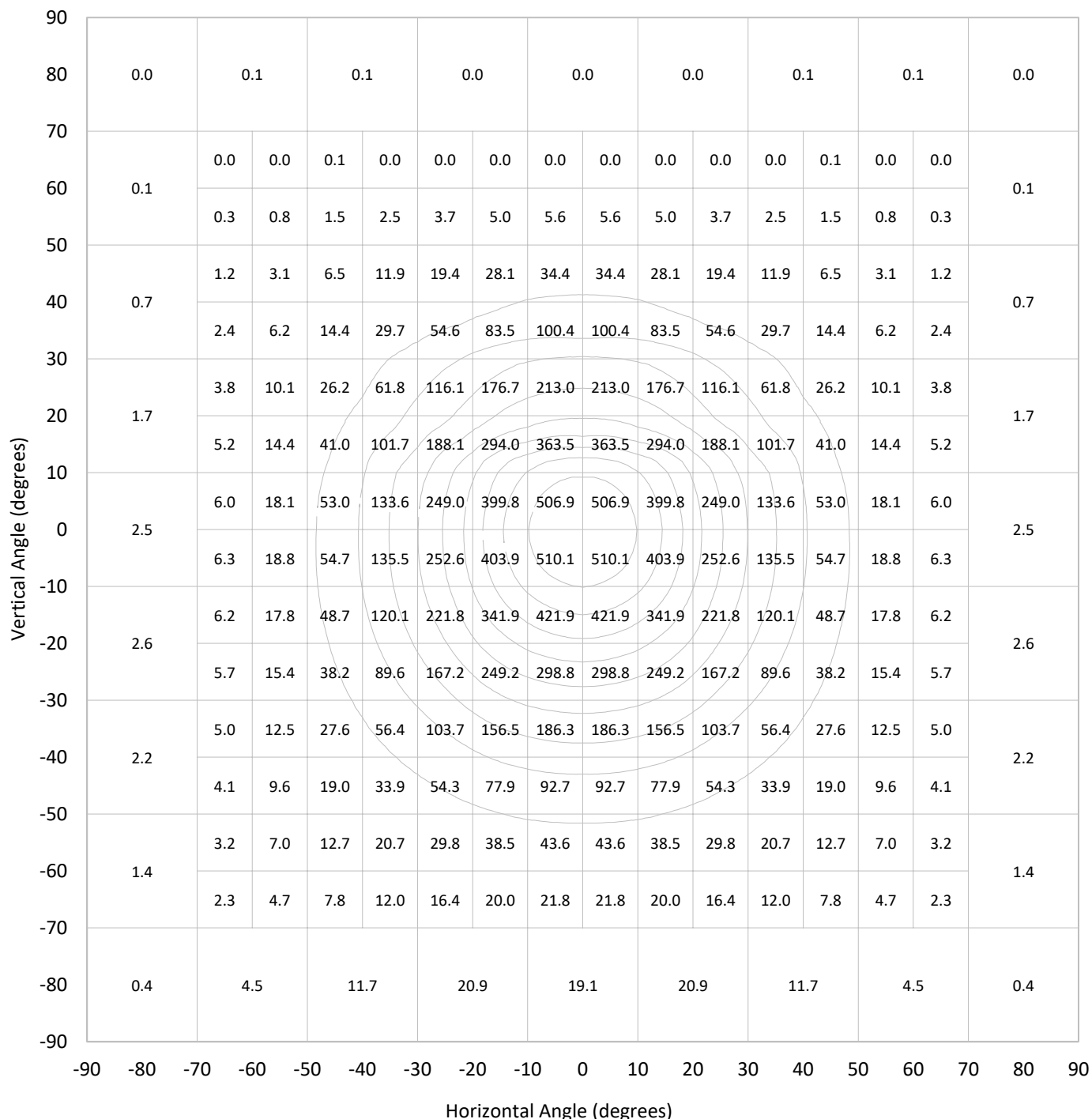
Iso-Candela Plot





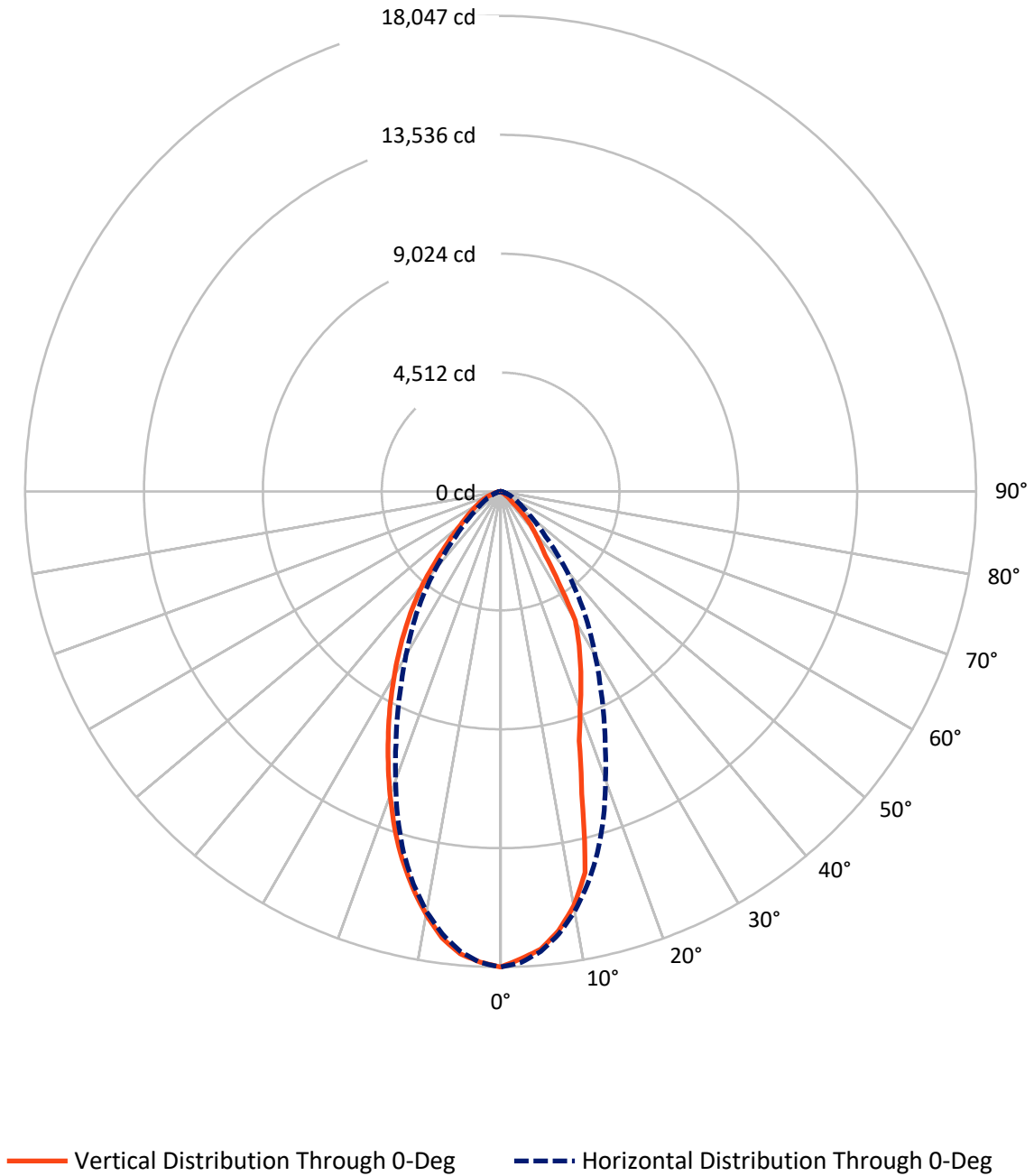
REPORT NUMBER: P627342 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-735-U-WR-VSR-XX

Lumen Table



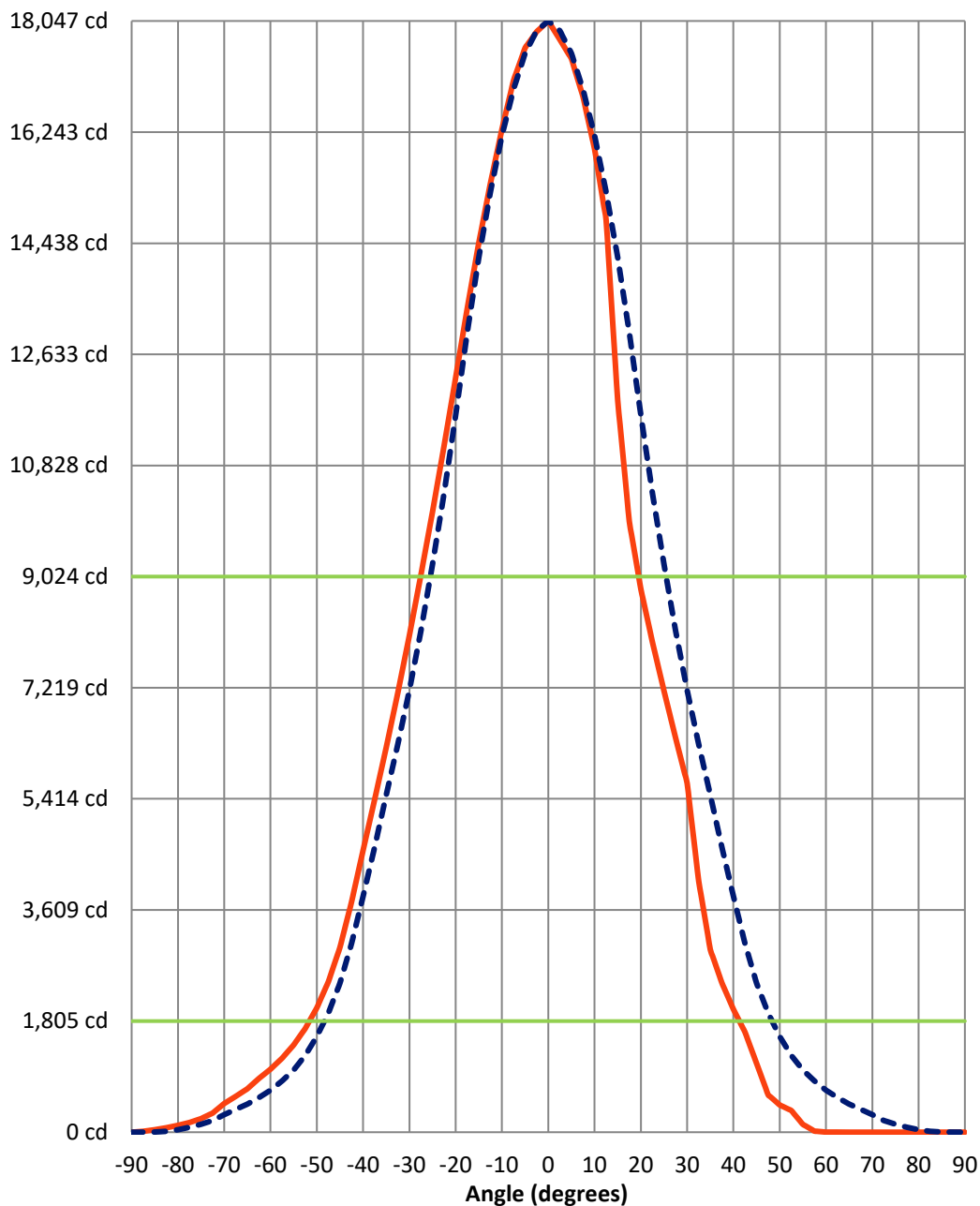
REPORT NUMBER: P627342 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-735-U-WR-VSR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627342 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-735-U-WR-VSR-XX

Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 7665.5
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 14255.3
 Efficiency: 89.5%

Spill:
 Lumens: 1666.4
 Efficiency: 10.5%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through 0-Deg



REPORT NUMBER: P627342 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-735-U-WR-VSR-XX

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	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
85°	0.0	0.1	0.2	0.3	0.5	0.6	0.7	0.8	0.9	1.0	1.1
82.5°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.3	1.3	1.3
80°	0.0	0.2	0.5	0.7	0.9	1.1	1.3	1.3	1.3	1.3	1.3
77.5°	0.0	0.3	0.6	0.8	1.1	1.3	1.3	1.3	1.3	1.3	1.3
75°	0.0	0.3	0.7	1.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3
72.5°	0.0	0.4	0.8	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3
70°	0.0	0.4	0.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4
67.5°	0.0	0.5	1.0	1.3	1.3	1.3	1.4	1.3	1.3	1.7	1.6
65°	0.0	0.5	1.1	1.3	1.3	1.4	1.6	1.3	1.9	2.1	2.5
62.5°	0.0	0.6	1.2	1.3	1.3	1.7	1.8	1.8	2.5	3.5	5.4
60°	0.0	0.6	1.3	1.3	1.3	2.1	2.0	2.5	3.1	8.5	9.2
57.5°	0.0	0.7	1.3	1.3	1.7	2.5	3.5	3.4	8.4	14.4	15.8
55°	0.0	0.7	1.3	1.3	2.1	2.9	5.4	4.9	15.4	21.7	24.5
52.5°	0.0	0.8	1.4	1.3	2.5	3.6	7.5	12.1	23.0	32.2	34.7
50°	0.0	0.8	1.4	1.3	2.9	5.8	9.9	20.1	32.1	43.8	53.0
47.5°	0.0	0.9	1.4	1.4	3.4	8.2	13.1	28.1	44.1	56.6	71.9
45°	0.0	0.9	1.5	1.7	3.8	10.7	20.1	36.1	56.2	73.3	90.5
42.5°	0.0	1.0	1.5	2.1	4.3	13.4	27.1	45.6	68.2	89.8	111.3
40°	0.0	1.0	1.5	2.6	5.7	16.3	34.0	56.0	80.7	106.0	132.9
37.5°	0.0	1.0	1.6	3.1	7.9	19.2	40.8	66.3	94.2	122.6	155.0
35°	0.0	1.1	1.7	3.7	10.1	23.9	47.6	76.5	107.8	142.4	179.1
32.5°	0.0	1.1	1.7	4.4	12.4	29.2	54.8	86.5	121.5	162.7	206.1
30°	0.0	1.1	1.8	5.1	14.6	34.5	62.9	96.6	135.0	183.5	233.4
27.5°	0.0	1.2	1.8	5.8	17.2	39.6	70.7	107.7	150.0	204.6	260.7
25°	0.0	1.2	1.9	6.6	19.8	44.5	78.3	118.5	167.2	227.1	288.0
22.5°	0.0	1.2	2.0	7.4	22.3	49.2	85.5	129.1	184.2	249.8	315.8
20°	0.0	1.2	2.1	8.2	24.8	53.9	92.4	139.3	201.0	272.1	342.2
17.5°	0.0	1.2	2.1	9.0	27.1	58.2	98.8	149.1	217.3	293.7	367.3
15°	0.0	1.3	2.2	9.8	29.4	62.3	104.6	157.8	233.0	314.5	390.9
12.5°	0.0	1.3	2.3	10.6	31.5	66.1	109.9	165.1	246.1	334.3	413.0
10°	0.0	1.3	2.3	11.4	33.5	69.5	114.8	171.6	256.5	346.1	430.4
7.5°	0.0	1.3	2.4	12.2	35.4	72.7	119.1	177.3	265.7	355.0	439.5
5°	0.0	1.3	2.5	12.9	37.1	75.4	122.9	182.2	273.5	362.2	446.8
2.5°	0.0	1.3	2.5	13.6	38.7	77.9	126.2	186.2	279.9	367.6	452.4
0°	0.0	1.3	2.6	14.2	40.0	79.9	128.9	189.5	284.9	371.3	456.3
-2.5°	0.0	1.4	3.0	15.1	41.8	82.4	132.4	195.0	290.5	376.7	462.4
-5°	0.0	1.5	3.4	15.9	43.4	84.5	135.3	199.5	294.5	380.5	466.7
-7.5°	0.0	1.5	3.7	16.7	44.8	86.3	137.6	203.1	297.1	382.9	469.2
-10°	0.0	1.6	4.1	17.3	45.9	87.5	139.3	205.7	298.2	383.8	470.0
-12.5°	0.0	1.7	4.4	17.9	46.8	88.4	140.2	207.1	297.9	383.2	467.8
-15°	0.0	1.7	4.8	18.3	47.3	88.8	140.5	207.4	295.7	379.9	463.3
-17.5°	0.0	1.8	5.0	18.7	47.6	88.8	140.1	207.0	291.9	375.4	457.0
-20°	0.0	1.8	5.3	18.9	47.5	88.2	139.7	206.1	287.1	369.7	449.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627342 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.9	5.6	19.0	47.2	87.3	139.8	204.2	281.4	363.0	439.2
-25°	0.0	1.9	5.8	19.0	46.4	87.0	139.2	201.5	275.0	355.2	427.8
-27.5°	0.0	2.0	5.9	18.9	45.4	86.6	137.8	197.9	267.8	346.3	417.2
-30°	0.0	2.0	6.1	18.6	44.1	85.7	135.8	193.5	261.5	336.2	405.8
-32.5°	0.0	2.0	6.2	18.2	43.5	84.2	133.1	189.9	255.3	325.7	393.7
-35°	0.0	2.0	6.2	17.7	42.6	82.2	130.5	185.9	248.2	314.9	380.7
-37.5°	0.0	2.0	6.3	17.0	41.3	80.0	127.5	181.1	240.3	303.7	365.5
-40°	0.0	2.0	6.2	16.2	39.7	78.1	123.8	175.5	231.7	293.3	349.3
-42.5°	0.0	1.9	6.2	15.5	38.5	75.6	119.5	169.1	223.6	279.9	332.0
-45°	0.0	1.9	6.1	14.9	37.7	72.7	114.4	162.4	215.3	265.4	314.1
-47.5°	0.0	1.8	6.0	14.1	36.6	69.2	108.6	155.6	206.1	250.5	297.5
-50°	0.0	1.8	5.8	13.8	35.0	65.3	103.6	148.0	193.9	236.8	280.4
-52.5°	0.0	1.7	5.6	13.6	33.1	60.9	98.1	139.5	181.9	222.5	262.9
-55°	0.0	1.7	5.3	13.3	30.8	57.3	92.0	130.4	169.5	207.7	246.5
-57.5°	0.0	1.6	5.0	12.7	28.2	53.4	85.4	122.3	156.4	192.7	229.5
-60°	0.0	1.5	4.7	12.1	25.3	49.0	78.3	112.5	143.0	177.3	212.0
-62.5°	0.0	1.4	4.4	11.2	23.5	44.1	71.5	101.7	129.8	161.1	193.9
-65°	0.0	1.3	4.1	10.2	21.5	38.7	63.9	90.4	115.6	144.2	175.2
-67.5°	0.0	1.2	3.7	9.1	19.2	33.9	55.8	79.0	100.7	126.2	154.4
-70°	0.0	1.1	3.4	7.9	16.7	29.7	47.0	67.2	86.6	107.3	132.0
-72.5°	0.0	0.9	3.0	6.9	14.0	25.2	40.0	55.0	72.1	90.3	109.5
-75°	0.0	0.8	2.6	6.0	11.2	20.4	32.8	44.8	57.2	72.9	89.3
-77.5°	0.0	0.7	2.2	5.1	9.2	15.4	25.3	35.2	45.5	56.2	68.8
-80°	0.0	0.6	1.8	4.1	7.5	11.8	17.5	25.5	33.8	42.6	51.8
-82.5°	0.0	0.4	1.3	3.1	5.7	8.9	12.9	17.0	22.0	28.8	35.8
-85°	0.0	0.3	0.9	2.1	3.8	6.0	8.7	11.4	14.5	18.0	21.7
-87.5°	0.0	0.1	0.5	1.1	1.9	3.0	4.3	5.7	7.3	9.0	10.9
-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: P627342 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.0
85°	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
82.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
80°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
77.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
75°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
72.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
70°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.1
67.5°	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.3	1.3	1.0	0.7
65°	1.3	1.3	1.8	1.9	1.4	1.3	1.3	1.3	1.4	1.2	1.2
62.5°	1.9	2.3	2.9	4.5	3.4	1.3	2.5	2.9	2.0	1.6	1.8
60°	5.7	3.9	9.9	13.8	9.0	4.8	5.8	11.7	9.7	2.6	6.8
57.5°	11.4	14.1	25.0	26.2	20.1	13.6	29.8	33.1	27.4	17.2	24.8
55°	23.7	33.4	42.2	41.7	41.9	52.6	61.9	60.8	53.6	73.9	93.1
52.5°	44.9	54.9	60.7	66.1	81.2	91.2	94.0	99.7	120.8	145.9	150.5
50°	65.9	76.2	83.9	103.5	118.9	126.8	134.1	153.4	185.2	202.4	205.2
47.5°	87.2	98.7	118.9	140.3	155.2	167.2	179.9	223.6	259.1	273.8	279.1
45°	109.3	129.2	154.4	176.5	193.8	209.9	251.4	311.0	336.0	358.6	415.9
42.5°	132.4	162.2	190.7	213.8	233.3	267.1	324.8	382.6	418.3	466.3	535.5
40°	161.7	195.2	228.2	251.7	276.0	327.2	398.7	459.9	497.7	562.0	640.8
37.5°	191.5	230.7	266.4	291.1	325.2	394.6	478.5	551.8	598.7	651.0	777.8
35°	220.9	266.9	303.5	336.7	378.8	474.4	577.9	659.5	717.4	807.0	967.5
32.5°	252.3	303.7	341.2	386.3	455.7	562.6	689.7	780.2	876.3	1005.2	1262.2
30°	285.8	338.3	381.3	435.5	528.6	653.3	800.8	914.6	1045.0	1254.4	1531.4
27.5°	319.2	372.6	425.6	494.6	596.8	731.6	885.6	1065.0	1233.6	1467.8	1770.5
25°	351.2	407.7	469.0	552.5	663.0	804.1	972.2	1179.2	1399.2	1667.0	2022.5
22.5°	381.8	443.3	515.0	604.8	718.9	872.9	1073.4	1316.6	1580.9	1858.3	2266.9
20°	411.9	483.0	565.4	665.9	770.3	936.4	1172.4	1466.8	1798.1	2178.2	2578.6
17.5°	441.5	522.2	617.4	729.1	855.6	1025.5	1273.9	1624.4	2027.6	2522.3	3015.2
15°	470.6	560.7	667.6	791.5	941.6	1144.8	1426.8	1812.1	2299.2	2891.6	3475.5
12.5°	498.7	598.0	715.9	852.4	1025.0	1257.0	1570.9	1986.6	2544.7	3252.4	3969.7
10°	525.7	633.8	761.7	911.3	1105.0	1361.4	1698.3	2137.5	2730.0	3459.3	4257.1
7.5°	539.4	658.0	800.8	967.2	1180.4	1457.3	1809.2	2265.1	2874.7	3625.7	4425.6
5°	549.3	669.1	815.5	989.6	1221.8	1522.5	1894.0	2369.4	2981.4	3750.9	4539.8
2.5°	556.8	677.0	826.2	1002.2	1238.2	1544.2	1922.0	2405.8	3038.6	3816.2	4606.3
0°	562.0	681.9	832.8	1009.4	1246.6	1554.7	1934.9	2420.9	3062.9	3831.2	4630.4
-2.5°	567.5	688.6	839.7	1020.6	1258.4	1569.0	1949.1	2431.6	3081.1	3835.4	4643.5
-5°	570.7	692.2	842.4	1026.0	1262.2	1571.6	1948.1	2421.5	3066.6	3805.3	4615.1
-7.5°	571.6	692.6	840.9	1024.9	1257.3	1559.4	1927.5	2391.2	3016.6	3744.4	4545.4
-10°	570.2	689.5	835.3	1015.6	1243.2	1534.1	1890.7	2338.9	2934.5	3643.8	4427.7
-12.5°	566.0	683.1	825.4	1000.4	1220.4	1498.2	1838.8	2264.2	2820.3	3504.0	4261.7
-15°	559.3	673.5	811.1	979.4	1188.9	1451.8	1772.2	2167.3	2673.4	3326.3	4054.9
-17.5°	550.1	660.7	792.2	952.6	1148.8	1395.6	1691.6	2053.8	2515.0	3127.9	3825.1
-20°	538.4	644.9	769.0	920.1	1102.4	1336.3	1616.8	1953.4	2366.7	2900.8	3554.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627342 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-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°
-22.5°	524.1	625.9	744.4	888.9	1061.3	1274.8	1533.2	1839.5	2200.3	2638.3	3257.9
-25°	509.5	607.8	720.5	854.2	1014.4	1205.0	1437.5	1716.6	2043.4	2444.2	2956.5
-27.5°	495.0	587.0	692.8	814.2	961.8	1133.1	1347.5	1602.0	1893.2	2234.0	2651.3
-30°	478.6	563.7	662.3	772.3	911.4	1070.4	1255.8	1473.7	1732.7	2040.7	2403.4
-32.5°	460.8	538.7	632.8	736.0	857.4	1002.1	1162.5	1359.6	1584.9	1839.0	2152.5
-35°	443.1	517.4	602.5	697.0	799.4	934.9	1082.3	1245.9	1437.5	1662.5	1913.2
-37.5°	426.1	494.2	570.1	658.1	754.3	866.8	996.9	1144.6	1309.6	1488.6	1705.2
-40°	407.1	469.1	540.9	620.6	705.7	803.2	920.6	1045.9	1187.9	1345.4	1512.7
-42.5°	386.4	446.0	511.6	580.3	658.3	745.4	842.8	957.4	1075.4	1207.3	1353.3
-45°	366.2	420.9	480.9	543.6	609.2	686.2	774.6	870.0	974.6	1082.3	1204.9
-47.5°	344.9	394.8	450.7	505.4	563.5	629.1	704.2	790.7	878.0	973.9	1069.0
-50°	323.5	370.4	417.3	468.4	520.5	575.1	638.5	713.2	792.6	872.1	955.8
-52.5°	304.4	345.0	387.4	431.2	478.6	527.3	580.1	641.6	711.1	781.2	853.3
-55°	284.9	322.3	357.3	396.6	437.6	481.4	528.5	580.3	632.6	696.5	758.6
-57.5°	265.9	299.0	329.5	362.9	399.4	436.6	479.1	523.1	570.6	618.8	669.7
-60°	246.7	274.9	302.6	331.5	362.1	395.2	429.3	468.0	508.8	550.7	594.7
-62.5°	226.9	249.8	274.2	300.6	327.6	353.1	381.7	413.3	447.0	483.0	520.3
-65°	204.8	223.8	244.1	267.2	292.5	313.0	334.9	358.7	386.5	416.1	445.4
-67.5°	181.2	198.0	214.6	231.7	252.2	270.6	288.6	307.5	328.3	352.5	376.0
-70°	154.9	171.7	186.3	200.5	213.5	226.6	241.9	256.8	273.6	295.3	316.7
-72.5°	128.2	143.9	157.7	169.8	179.0	186.8	196.1	207.0	223.0	243.2	262.1
-75°	103.7	116.3	129.3	140.9	146.8	149.1	151.1	156.7	173.0	193.7	212.0
-77.5°	80.8	91.8	102.3	112.4	116.6	118.2	119.0	118.9	130.9	148.5	167.1
-80°	59.5	67.1	76.1	84.7	87.2	88.0	88.1	87.6	97.4	110.1	123.7
-82.5°	41.3	46.9	52.6	58.4	59.2	58.8	57.9	57.1	65.0	74.2	83.6
-85°	24.1	26.4	29.9	33.5	33.9	33.7	33.1	32.0	36.4	41.4	46.7
-87.5°	12.1	13.2	14.4	15.5	15.1	14.5	13.7	12.7	14.0	15.3	16.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627342 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	1.1	0.8	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.3	1.0	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.3	1.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.3	1.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.3	1.1	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.3	1.1	0.8	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.3	1.1	0.8	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.8	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.6	0.7	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.3	1.3	1.0	0.6	0.3	0.2	0.3	0.3	0.1	0.0	0.0
62.5°	1.7	1.6	1.2	1.1	1.2	1.3	1.1	0.9	0.9	0.9	1.1
60°	7.3	4.2	4.3	5.4	4.6	2.1	4.2	5.3	5.0	3.8	3.3
57.5°	37.0	31.0	21.7	36.3	37.3	26.0	28.2	36.8	35.8	27.7	27.5
55°	93.2	94.6	101.6	110.7	117.5	120.6	123.4	137.3	152.1	166.6	173.9
52.5°	154.0	172.0	194.4	209.2	219.6	240.8	270.5	284.2	297.5	312.5	323.4
50°	226.8	258.1	280.6	283.8	319.2	342.1	347.5	373.1	401.0	418.3	430.8
47.5°	337.4	377.0	396.6	409.1	452.1	499.2	499.3	514.0	583.8	620.4	637.9
45°	486.0	519.0	553.6	643.7	726.5	752.8	809.0	885.2	934.7	1002.8	1077.7
42.5°	612.5	674.5	761.3	860.5	943.5	1012.6	1096.1	1187.7	1297.6	1401.1	1490.4
40°	737.7	814.4	922.0	1029.8	1134.4	1230.1	1364.8	1482.5	1612.3	1754.6	1873.2
37.5°	901.1	999.3	1110.4	1246.5	1409.2	1515.5	1700.7	1869.8	2016.0	2187.9	2293.7
35°	1152.0	1280.0	1378.4	1653.4	1851.3	1975.6	2194.9	2473.0	2579.8	2796.1	2898.8
32.5°	1467.5	1637.6	1896.6	2260.7	2525.0	2753.8	3081.7	3363.8	3604.3	3821.6	4047.7
30°	1822.0	2084.5	2466.2	2950.1	3218.5	3539.0	3982.3	4316.9	4694.1	5108.1	5253.1
27.5°	2143.7	2536.9	2980.1	3372.0	3757.5	4156.8	4592.3	5022.1	5430.4	5774.9	6006.1
25°	2441.8	2918.1	3348.8	3767.6	4185.3	4635.0	5127.6	5615.0	6064.2	6418.7	6688.3
22.5°	2749.4	3252.5	3713.3	4138.3	4624.2	5133.6	5657.5	6216.6	6727.8	7095.6	7389.2
20°	3038.5	3598.1	4123.7	4607.5	5066.8	5655.0	6258.3	6851.3	7408.1	7846.1	8184.7
17.5°	3497.5	3983.3	4625.6	5254.1	5771.6	6311.9	7118.0	7730.1	8348.0	8872.6	9231.5
15°	4061.1	4595.3	5258.6	6121.8	6830.8	7449.8	8282.6	9278.4	10007.1	10676.8	11136.3
12.5°	4625.2	5229.4	5946.8	6918.3	7927.7	8656.9	9667.2	10929.0	11777.8	12814.7	13326.0
10°	5057.5	5816.2	6555.0	7441.5	8411.0	9449.4	10538.5	11719.0	12853.1	13743.6	14539.5
7.5°	5231.6	6039.7	6895.0	7799.5	8769.0	9840.6	11001.4	12229.7	13396.9	14391.5	15266.2
5°	5361.7	6189.7	7050.7	7975.6	9011.9	10131.0	11309.0	12598.7	13790.7	14856.6	15751.5
2.5°	5444.4	6280.2	7137.5	8077.8	9167.7	10320.0	11535.9	12859.7	14069.6	15167.0	16059.0
0°	5476.1	6299.8	7177.7	8145.8	9224.8	10379.8	11648.3	12987.7	14207.1	15268.1	16185.9
-2.5°	5480.4	6281.5	7180.3	8143.7	9176.1	10342.0	11625.8	12953.9	14148.6	15205.3	16131.3
-5°	5437.4	6238.2	7137.8	8086.6	9120.4	10277.5	11506.2	12789.6	13929.1	14957.5	15849.0
-7.5°	5350.2	6148.8	7028.4	7955.5	8961.5	10083.9	11263.9	12457.2	13575.0	14561.3	15412.2
-10°	5220.8	6002.6	6851.8	7755.1	8706.9	9774.5	10899.8	12039.8	13088.1	14000.2	14787.0
-12.5°	5045.5	5809.3	6620.3	7482.6	8368.6	9386.4	10448.9	11519.5	12475.0	13307.7	14013.6
-15°	4818.0	5563.9	6349.2	7164.7	8023.9	8944.3	9897.8	10879.9	11761.1	12499.5	13144.4
-17.5°	4549.9	5273.4	6019.1	6775.1	7590.3	8453.9	9339.0	10220.5	10972.1	11628.1	12217.8
-20°	4251.0	4948.1	5656.4	6361.2	7100.9	7899.5	8717.0	9491.3	10148.1	10744.2	11283.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627342 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-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°	3915.9	4583.2	5262.1	5921.6	6588.7	7311.8	8041.9	8742.1	9356.4	9866.3	10335.3
-25°	3557.2	4173.7	4814.9	5433.2	6047.1	6695.2	7358.3	8002.6	8543.3	8986.0	9373.5
-27.5°	3195.8	3759.1	4324.0	4906.2	5473.6	6071.6	6672.0	7228.4	7713.9	8121.5	8447.1
-30°	2815.9	3319.5	3835.3	4362.1	4903.9	5451.1	5993.6	6480.8	6904.6	7263.1	7544.5
-32.5°	2500.1	2882.7	3338.1	3816.3	4324.2	4822.8	5294.7	5738.8	6138.1	6451.1	6689.8
-35°	2197.5	2521.5	2862.5	3285.8	3722.1	4181.0	4615.0	5011.4	5367.3	5640.9	5865.4
-37.5°	1937.3	2193.5	2482.0	2784.1	3150.0	3529.3	3921.0	4293.8	4611.2	4849.8	5050.3
-40°	1712.1	1914.4	2144.9	2384.4	2653.6	2926.1	3267.2	3581.8	3840.8	4063.9	4245.6
-42.5°	1508.5	1679.3	1849.5	2045.9	2249.0	2468.1	2707.5	2940.2	3139.0	3325.7	3480.0
-45°	1332.8	1469.2	1604.9	1756.6	1905.7	2083.9	2254.9	2407.5	2568.5	2708.3	2818.3
-47.5°	1179.2	1285.5	1401.8	1515.3	1635.1	1769.2	1896.5	2012.6	2130.6	2232.8	2314.8
-50°	1042.6	1130.7	1225.6	1314.9	1411.7	1509.8	1604.0	1696.3	1786.0	1863.7	1924.2
-52.5°	923.0	1000.0	1074.0	1145.1	1222.1	1294.7	1362.9	1439.1	1509.2	1570.5	1611.9
-55°	821.2	884.1	944.7	1004.1	1062.3	1117.4	1171.7	1230.9	1285.0	1333.7	1364.5
-57.5°	725.7	779.2	830.5	879.0	925.2	969.0	1014.7	1060.2	1101.9	1138.6	1162.5
-60°	638.7	682.4	726.9	766.4	803.7	838.6	877.1	913.5	947.2	975.4	992.0
-62.5°	559.0	598.3	631.1	662.3	694.1	725.6	752.9	779.8	805.7	827.6	842.0
-65°	475.7	509.0	536.9	562.0	584.8	609.2	632.5	653.6	672.3	686.5	695.6
-67.5°	401.2	425.7	448.0	468.0	488.3	507.9	525.8	541.8	555.9	565.8	572.4
-70°	336.4	355.1	373.5	391.6	409.7	424.9	438.0	449.9	460.7	465.3	467.3
-72.5°	279.6	296.2	312.2	328.3	343.3	355.2	364.8	373.5	381.4	374.6	362.7
-75°	228.0	242.6	257.6	271.8	285.0	294.1	301.2	307.8	313.7	299.0	278.7
-77.5°	185.8	198.6	209.8	220.8	231.7	237.5	242.0	246.5	250.7	234.3	213.5
-80°	137.9	148.2	157.6	166.9	176.0	179.5	181.5	182.9	183.6	169.5	153.2
-82.5°	93.2	98.5	103.7	109.1	114.6	117.5	119.7	121.4	122.6	112.6	101.3
-85°	52.2	53.8	55.1	56.1	57.0	58.8	60.6	62.2	63.6	58.9	53.7
-87.5°	17.9	17.9	17.8	17.7	17.5	17.5	17.5	17.5	17.4	16.6	15.9
-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: P627342 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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	0.1	0.3
62.5°	1.2	1.2	1.3	1.3	1.3	1.2	1.2	1.1	0.9	0.9	0.9
60°	2.6	1.6	1.3	1.3	1.3	1.6	2.6	3.3	3.8	5.0	5.3
57.5°	25.7	22.4	20.0	18.0	20.0	22.4	25.7	27.5	27.7	35.8	36.8
55°	170.8	159.0	144.6	127.6	144.6	159.0	170.8	173.9	166.6	152.1	137.3
52.5°	334.9	346.1	352.5	351.9	352.5	346.1	334.9	323.4	312.5	297.5	284.2
50°	440.8	446.9	447.2	442.2	447.2	446.9	440.8	430.8	418.3	401.0	373.1
47.5°	645.9	637.4	622.8	607.2	622.8	637.4	645.9	637.9	620.4	583.8	514.0
45°	1127.0	1154.2	1152.4	1117.6	1152.4	1154.2	1127.0	1077.7	1002.8	934.7	885.2
42.5°	1540.2	1580.9	1609.6	1624.3	1609.6	1580.9	1540.2	1490.4	1401.1	1297.6	1187.7
40°	1940.0	1979.2	1996.5	1995.5	1996.5	1979.2	1940.0	1873.2	1754.6	1612.3	1482.5
37.5°	2362.3	2413.2	2437.8	2426.1	2437.8	2413.2	2362.3	2293.7	2187.9	2016.0	1869.8
35°	2943.2	2990.8	2991.7	2967.5	2991.7	2990.8	2943.2	2898.8	2796.1	2579.8	2473.0
32.5°	4227.1	4243.1	4120.8	4077.4	4120.8	4243.1	4227.1	4047.7	3821.6	3604.3	3363.8
30°	5397.4	5510.2	5615.2	5668.2	5615.2	5510.2	5397.4	5253.1	5108.1	4694.1	4316.9
27.5°	6180.3	6316.1	6400.2	6405.5	6400.2	6316.1	6180.3	6006.1	5774.9	5430.4	5022.1
25°	6892.5	7044.3	7136.0	7167.4	7136.0	7044.3	6892.5	6688.3	6418.7	6064.2	5615.0
22.5°	7638.5	7817.4	7935.9	7960.2	7935.9	7817.4	7638.5	7389.2	7095.6	6727.8	6216.6
20°	8504.1	8712.3	8826.0	8821.3	8826.0	8712.3	8504.1	8184.7	7846.1	7408.1	6851.3
17.5°	9643.6	9866.9	9965.1	9922.2	9965.1	9866.9	9643.6	9231.5	8872.6	8348.0	7730.1
15°	11608.0	12075.1	12073.2	11886.8	12073.2	12075.1	11608.0	11136.3	10676.8	10007.1	9278.4
12.5°	14031.0	14379.1	14736.2	14813.0	14736.2	14379.1	14031.0	13326.0	12814.7	11777.8	10929.0
10°	15209.9	15672.3	15977.4	15969.3	15977.4	15672.3	15209.9	14539.5	13743.6	12853.1	11719.0
7.5°	15947.5	16458.3	16828.1	16820.1	16828.1	16458.3	15947.5	15266.2	14391.5	13396.9	12229.7
5°	16516.8	17083.3	17410.8	17435.0	17410.8	17083.3	16516.8	15751.5	14856.6	13790.7	12598.7
2.5°	16812.5	17403.8	17797.6	17745.7	17797.6	17403.8	16812.5	16059.0	15167.0	14069.6	12859.7
0°	16936.2	17521.4	17888.8	18047.4	17888.8	17521.4	16936.2	16185.9	15268.1	14207.1	12987.7
-2.5°	16882.2	17451.6	17857.7	17873.3	17857.7	17451.6	16882.2	16131.3	15205.3	14148.6	12953.9
-5°	16592.9	17193.8	17465.9	17610.4	17465.9	17193.8	16592.9	15849.0	14957.5	13929.1	12789.6
-7.5°	16126.4	16576.7	16922.3	17081.8	16922.3	16576.7	16126.4	15412.2	14561.3	13575.0	12457.2
-10°	15400.4	15866.6	16158.6	16290.3	16158.6	15866.6	15400.4	14787.0	14000.2	13088.1	12039.8
-12.5°	14596.2	15019.9	15297.5	15408.6	15297.5	15019.9	14596.2	14013.6	13307.7	12475.0	11519.5
-15°	13698.8	14083.5	14339.0	14445.6	14339.0	14083.5	13698.8	13144.4	12499.5	11761.1	10879.9
-17.5°	12711.0	13048.1	13302.8	13379.5	13302.8	13048.1	12711.0	12217.8	11628.1	10972.1	10220.5
-20°	11695.3	12000.1	12209.8	12255.5	12209.8	12000.1	11695.3	11283.8	10744.2	10148.1	9491.3



REPORT NUMBER: P627342 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	10671.9	10923.0	11093.3	11150.7	11093.3	10923.0	10671.9	10335.3	9866.3	9356.4	8742.1
-25°	9671.8	9888.4	10025.5	10076.9	10025.5	9888.4	9671.8	9373.5	8986.0	8543.3	8002.6
-27.5°	8709.8	8911.8	9037.8	9054.6	9037.8	8911.8	8709.8	8447.1	8121.5	7713.9	7228.4
-30°	7763.4	7930.2	8027.3	8068.5	8027.3	7930.2	7763.4	7544.5	7263.1	6904.6	6480.8
-32.5°	6878.9	7024.6	7111.8	7135.2	7111.8	7024.6	6878.9	6689.8	6451.1	6138.1	5738.8
-35°	6043.9	6178.4	6255.7	6249.5	6255.7	6178.4	6043.9	5865.4	5640.9	5367.3	5011.4
-37.5°	5216.1	5340.3	5410.5	5403.9	5410.5	5340.3	5216.1	5050.3	4849.8	4611.2	4293.8
-40°	4395.0	4502.1	4563.9	4578.9	4563.9	4502.1	4395.0	4245.6	4063.9	3840.8	3581.8
-42.5°	3608.3	3707.2	3756.6	3737.1	3756.6	3707.2	3608.3	3480.0	3325.7	3139.0	2940.2
-45°	2895.3	2946.4	2980.0	3001.0	2980.0	2946.4	2895.3	2818.3	2708.3	2568.5	2407.5
-47.5°	2374.9	2417.3	2440.1	2444.1	2440.1	2417.3	2374.9	2314.8	2232.8	2130.6	2012.6
-50°	1971.3	2007.4	2023.3	2018.7	2023.3	2007.4	1971.3	1924.2	1863.7	1786.0	1696.3
-52.5°	1641.7	1662.6	1676.7	1683.6	1676.7	1662.6	1641.7	1611.9	1570.5	1509.2	1439.1
-55°	1387.7	1404.0	1413.5	1416.7	1413.5	1404.0	1387.7	1364.5	1333.7	1285.0	1230.9
-57.5°	1182.4	1197.9	1203.5	1201.4	1203.5	1197.9	1182.4	1162.5	1138.6	1101.9	1060.2
-60°	1004.7	1013.5	1020.1	1023.5	1020.1	1013.5	1004.7	992.0	975.4	947.2	913.5
-62.5°	853.5	861.8	868.7	872.7	868.7	861.8	853.5	842.0	827.6	805.7	779.8
-65°	702.0	705.7	706.7	705.1	706.7	705.7	702.0	695.6	686.5	672.3	653.6
-67.5°	577.2	580.3	582.4	582.7	582.4	580.3	577.2	572.4	565.8	555.9	541.8
-70°	469.2	470.5	469.0	465.4	469.0	470.5	469.2	467.3	465.3	460.7	449.9
-72.5°	350.5	337.6	324.9	310.7	324.9	337.6	350.5	362.7	374.6	381.4	373.5
-75°	257.7	235.9	228.0	220.4	228.0	235.9	257.7	278.7	299.0	313.7	307.8
-77.5°	191.7	169.1	163.0	157.3	163.0	169.1	191.7	213.5	234.3	250.7	246.5
-80°	136.2	118.5	114.7	110.9	114.7	118.5	136.2	153.2	169.5	183.6	182.9
-82.5°	89.5	77.1	74.7	72.2	74.7	77.1	89.5	101.3	112.6	122.6	121.4
-85°	48.1	42.3	41.2	40.0	41.2	42.3	48.1	53.7	58.9	63.6	62.2
-87.5°	15.0	14.1	14.2	14.2	14.2	14.1	15.0	15.9	16.6	17.4	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



REPORT NUMBER: P627342 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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	0.3	0.6	0.8	1.1	1.0	1.0	1.0	0.9
85°	0.0	0.0	0.0	0.3	0.7	1.0	1.3	1.3	1.3	1.3	1.3
82.5°	0.0	0.0	0.0	0.4	0.7	1.0	1.3	1.3	1.3	1.3	1.3
80°	0.0	0.0	0.0	0.4	0.7	1.0	1.3	1.3	1.3	1.3	1.3
77.5°	0.0	0.0	0.1	0.4	0.7	1.1	1.3	1.3	1.3	1.3	1.3
75°	0.0	0.0	0.1	0.4	0.8	1.1	1.3	1.3	1.3	1.3	1.3
72.5°	0.0	0.0	0.1	0.4	0.8	1.1	1.3	1.3	1.3	1.3	1.3
70°	0.0	0.0	0.0	0.0	0.1	0.3	0.8	1.1	1.3	1.3	1.3
67.5°	0.0	0.0	0.2	0.5	0.7	0.7	0.6	0.7	1.0	1.3	1.3
65°	0.3	0.2	0.3	0.6	1.0	1.3	1.3	1.2	1.2	1.4	1.3
62.5°	1.1	1.3	1.2	1.1	1.2	1.6	1.7	1.8	1.6	2.0	2.9
60°	4.2	2.1	4.6	5.4	4.3	4.2	7.3	6.8	2.6	9.7	11.7
57.5°	28.2	26.0	37.3	36.3	21.7	31.0	37.0	24.8	17.2	27.4	33.1
55°	123.4	120.6	117.5	110.7	101.6	94.6	93.2	93.1	73.9	53.6	60.8
52.5°	270.5	240.8	219.6	209.2	194.4	172.0	154.0	150.5	145.9	120.8	99.7
50°	347.5	342.1	319.2	283.8	280.6	258.1	226.8	205.2	202.4	185.2	153.4
47.5°	499.3	499.2	452.1	409.1	396.6	377.0	337.4	279.1	273.8	259.1	223.6
45°	809.0	752.8	726.5	643.7	553.6	519.0	486.0	415.9	358.6	336.0	311.0
42.5°	1096.1	1012.6	943.5	860.5	761.3	674.5	612.5	535.5	466.3	418.3	382.6
40°	1364.8	1230.1	1134.4	1029.8	922.0	814.4	737.7	640.8	562.0	497.7	459.9
37.5°	1700.7	1515.5	1409.2	1246.5	1110.4	999.3	901.1	777.8	651.0	598.7	551.8
35°	2194.9	1975.6	1851.3	1653.4	1378.4	1280.0	1152.0	967.5	807.0	717.4	659.5
32.5°	3081.7	2753.8	2525.0	2260.7	1896.6	1637.6	1467.5	1262.2	1005.2	876.3	780.2
30°	3982.3	3539.0	3218.5	2950.1	2466.2	2084.5	1822.0	1531.4	1254.4	1045.0	914.6
27.5°	4592.3	4156.8	3757.5	3372.0	2980.1	2536.9	2143.7	1770.5	1467.8	1233.6	1065.0
25°	5127.6	4635.0	4185.3	3767.6	3348.8	2918.1	2441.8	2022.5	1667.0	1399.2	1179.2
22.5°	5657.5	5133.6	4624.2	4138.3	3713.3	3252.5	2749.4	2266.9	1858.3	1580.9	1316.6
20°	6258.3	5655.0	5066.8	4607.5	4123.7	3598.1	3038.5	2578.6	2178.2	1798.1	1466.8
17.5°	7118.0	6311.9	5771.6	5254.1	4625.6	3983.3	3497.5	3015.2	2522.3	2027.6	1624.4
15°	8282.6	7449.8	6830.8	6121.8	5258.6	4595.3	4061.1	3475.5	2891.6	2299.2	1812.1
12.5°	9667.2	8656.9	7927.7	6918.3	5946.8	5229.4	4625.2	3969.7	3252.4	2544.7	1986.6
10°	10538.5	9449.4	8411.0	7441.5	6555.0	5816.2	5057.5	4257.1	3459.3	2730.0	2137.5
7.5°	11001.4	9840.6	8769.0	7799.5	6895.0	6039.7	5231.6	4425.6	3625.7	2874.7	2265.1
5°	11309.0	10131.0	9011.9	7975.6	7050.7	6189.7	5361.7	4539.8	3750.9	2981.4	2369.4
2.5°	11535.9	10320.0	9167.7	8077.8	7137.5	6280.2	5444.4	4606.3	3816.2	3038.6	2405.8
0°	11648.3	10379.8	9224.8	8145.8	7177.7	6299.8	5476.1	4630.4	3831.2	3062.9	2420.9
-2.5°	11625.8	10342.0	9176.1	8143.7	7180.3	6281.5	5480.4	4643.5	3835.4	3081.1	2431.6
-5°	11506.2	10277.5	9120.4	8086.6	7137.8	6238.2	5437.4	4615.1	3805.3	3066.6	2421.5
-7.5°	11263.9	10083.9	8961.5	7955.5	7028.4	6148.8	5350.2	4545.4	3744.4	3016.6	2391.2
-10°	10899.8	9774.5	8706.9	7755.1	6851.8	6002.6	5220.8	4427.7	3643.8	2934.5	2338.9
-12.5°	10448.9	9386.4	8368.6	7482.6	6620.3	5809.3	5045.5	4261.7	3504.0	2820.3	2264.2
-15°	9897.8	8944.3	8023.9	7164.7	6349.2	5563.9	4818.0	4054.9	3326.3	2673.4	2167.3
-17.5°	9339.0	8453.9	7590.3	6775.1	6019.1	5273.4	4549.9	3825.1	3127.9	2515.0	2053.8
-20°	8717.0	7899.5	7100.9	6361.2	5656.4	4948.1	4251.0	3554.0	2900.8	2366.7	1953.4



REPORT NUMBER: P627342 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	8041.9	7311.8	6588.7	5921.6	5262.1	4583.2	3915.9	3257.9	2638.3	2200.3	1839.5
-25°	7358.3	6695.2	6047.1	5433.2	4814.9	4173.7	3557.2	2956.5	2444.2	2043.4	1716.6
-27.5°	6672.0	6071.6	5473.6	4906.2	4324.0	3759.1	3195.8	2651.3	2234.0	1893.2	1602.0
-30°	5993.6	5451.1	4903.9	4362.1	3835.3	3319.5	2815.9	2403.4	2040.7	1732.7	1473.7
-32.5°	5294.7	4822.8	4324.2	3816.3	3338.1	2882.7	2500.1	2152.5	1839.0	1584.9	1359.6
-35°	4615.0	4181.0	3722.1	3285.8	2862.5	2521.5	2197.5	1913.2	1662.5	1437.5	1245.9
-37.5°	3921.0	3529.3	3150.0	2784.1	2482.0	2193.5	1937.3	1705.2	1488.6	1309.6	1144.6
-40°	3267.2	2926.1	2653.6	2384.4	2144.9	1914.4	1712.1	1512.7	1345.4	1187.9	1045.9
-42.5°	2707.5	2468.1	2249.0	2045.9	1849.5	1679.3	1508.5	1353.3	1207.3	1075.4	957.4
-45°	2254.9	2083.9	1905.7	1756.6	1604.9	1469.2	1332.8	1204.9	1082.3	974.6	870.0
-47.5°	1896.5	1769.2	1635.1	1515.3	1401.8	1285.5	1179.2	1069.0	973.9	878.0	790.7
-50°	1604.0	1509.8	1411.7	1314.9	1225.6	1130.7	1042.6	955.8	872.1	792.6	713.2
-52.5°	1362.9	1294.7	1222.1	1145.1	1074.0	1000.0	923.0	853.3	781.2	711.1	641.6
-55°	1171.7	1117.4	1062.3	1004.1	944.7	884.1	821.2	758.6	696.5	632.6	580.3
-57.5°	1014.7	969.0	925.2	879.0	830.5	779.2	725.7	669.7	618.8	570.6	523.1
-60°	877.1	838.6	803.7	766.4	726.9	682.4	638.7	594.7	550.7	508.8	468.0
-62.5°	752.9	725.6	694.1	662.3	631.1	598.3	559.0	520.3	483.0	447.0	413.3
-65°	632.5	609.2	584.8	562.0	536.9	509.0	475.7	445.4	416.1	386.5	358.7
-67.5°	525.8	507.9	488.3	468.0	448.0	425.7	401.2	376.0	352.5	328.3	307.5
-70°	438.0	424.9	409.7	391.6	373.5	355.1	336.4	316.7	295.3	273.6	256.8
-72.5°	364.8	355.2	343.3	328.3	312.2	296.2	279.6	262.1	243.2	223.0	207.0
-75°	301.2	294.1	285.0	271.8	257.6	242.6	228.0	212.0	193.7	173.0	156.7
-77.5°	242.0	237.5	231.7	220.8	209.8	198.6	185.8	167.1	148.5	130.9	118.9
-80°	181.5	179.5	176.0	166.9	157.6	148.2	137.9	123.7	110.1	97.4	87.6
-82.5°	119.7	117.5	114.6	109.1	103.7	98.5	93.2	83.6	74.2	65.0	57.1
-85°	60.6	58.8	57.0	56.1	55.1	53.8	52.2	46.7	41.4	36.4	32.0
-87.5°	17.5	17.5	17.5	17.7	17.8	17.9	17.9	16.6	15.3	14.0	12.7
-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: P627342 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.4	0.4
85°	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.1	1.0	0.9	0.8
82.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2
80°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
77.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
75°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
72.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
70°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.3	1.3
67.5°	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.6	1.7	1.3	1.3
65°	1.3	1.3	1.4	1.9	1.8	1.3	1.3	2.5	2.1	1.9	1.3
62.5°	2.5	1.3	3.4	4.5	2.9	2.3	1.9	5.4	3.5	2.5	1.8
60°	5.8	4.8	9.0	13.8	9.9	3.9	5.7	9.2	8.5	3.1	2.5
57.5°	29.8	13.6	20.1	26.2	25.0	14.1	11.4	15.8	14.4	8.4	3.4
55°	61.9	52.6	41.9	41.7	42.2	33.4	23.7	24.5	21.7	15.4	4.9
52.5°	94.0	91.2	81.2	66.1	60.7	54.9	44.9	34.7	32.2	23.0	12.1
50°	134.1	126.8	118.9	103.5	83.9	76.2	65.9	53.0	43.8	32.1	20.1
47.5°	179.9	167.2	155.2	140.3	118.9	98.7	87.2	71.9	56.6	44.1	28.1
45°	251.4	209.9	193.8	176.5	154.4	129.2	109.3	90.5	73.3	56.2	36.1
42.5°	324.8	267.1	233.3	213.8	190.7	162.2	132.4	111.3	89.8	68.2	45.6
40°	398.7	327.2	276.0	251.7	228.2	195.2	161.7	132.9	106.0	80.7	56.0
37.5°	478.5	394.6	325.2	291.1	266.4	230.7	191.5	155.0	122.6	94.2	66.3
35°	577.9	474.4	378.8	336.7	303.5	266.9	220.9	179.1	142.4	107.8	76.5
32.5°	689.7	562.6	455.7	386.3	341.2	303.7	252.3	206.1	162.7	121.5	86.5
30°	800.8	653.3	528.6	435.5	381.3	338.3	285.8	233.4	183.5	135.0	96.6
27.5°	885.6	731.6	596.8	494.6	425.6	372.6	319.2	260.7	204.6	150.0	107.7
25°	972.2	804.1	663.0	552.5	469.0	407.7	351.2	288.0	227.1	167.2	118.5
22.5°	1073.4	872.9	718.9	604.8	515.0	443.3	381.8	315.8	249.8	184.2	129.1
20°	1172.4	936.4	770.3	665.9	565.4	483.0	411.9	342.2	272.1	201.0	139.3
17.5°	1273.9	1025.5	855.6	729.1	617.4	522.2	441.5	367.3	293.7	217.3	149.1
15°	1426.8	1144.8	941.6	791.5	667.6	560.7	470.6	390.9	314.5	233.0	157.8
12.5°	1570.9	1257.0	1025.0	852.4	715.9	598.0	498.7	413.0	334.3	246.1	165.1
10°	1698.3	1361.4	1105.0	911.3	761.7	633.8	525.7	430.4	346.1	256.5	171.6
7.5°	1809.2	1457.3	1180.4	967.2	800.8	658.0	539.4	439.5	355.0	265.7	177.3
5°	1894.0	1522.5	1221.8	989.6	815.5	669.1	549.3	446.8	362.2	273.5	182.2
2.5°	1922.0	1544.2	1238.2	1002.2	826.2	677.0	556.8	452.4	367.6	279.9	186.2
0°	1934.9	1554.7	1246.6	1009.4	832.8	681.9	562.0	456.3	371.3	284.9	189.5
-2.5°	1949.1	1569.0	1258.4	1020.6	839.7	688.6	567.5	462.4	376.7	290.5	195.0
-5°	1948.1	1571.6	1262.2	1026.0	842.4	692.2	570.7	466.7	380.5	294.5	199.5
-7.5°	1927.5	1559.4	1257.3	1024.9	840.9	692.6	571.6	469.2	382.9	297.1	203.1
-10°	1890.7	1534.1	1243.2	1015.6	835.3	689.5	570.2	470.0	383.8	298.2	205.7
-12.5°	1838.8	1498.2	1220.4	1000.4	825.4	683.1	566.0	467.8	383.2	297.9	207.1
-15°	1772.2	1451.8	1188.9	979.4	811.1	673.5	559.3	463.3	379.9	295.7	207.4
-17.5°	1691.6	1395.6	1148.8	952.6	792.2	660.7	550.1	457.0	375.4	291.9	207.0
-20°	1616.8	1336.3	1102.4	920.1	769.0	644.9	538.4	449.0	369.7	287.1	206.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627342 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-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°	1533.2	1274.8	1061.3	888.9	744.4	625.9	524.1	439.2	363.0	281.4	204.2
-25°	1437.5	1205.0	1014.4	854.2	720.5	607.8	509.5	427.8	355.2	275.0	201.5
-27.5°	1347.5	1133.1	961.8	814.2	692.8	587.0	495.0	417.2	346.3	267.8	197.9
-30°	1255.8	1070.4	911.4	772.3	662.3	563.7	478.6	405.8	336.2	261.5	193.5
-32.5°	1162.5	1002.1	857.4	736.0	632.8	538.7	460.8	393.7	325.7	255.3	189.9
-35°	1082.3	934.9	799.4	697.0	602.5	517.4	443.1	380.7	314.9	248.2	185.9
-37.5°	996.9	866.8	754.3	658.1	570.1	494.2	426.1	365.5	303.7	240.3	181.1
-40°	920.6	803.2	705.7	620.6	540.9	469.1	407.1	349.3	293.3	231.7	175.5
-42.5°	842.8	745.4	658.3	580.3	511.6	446.0	386.4	332.0	279.9	223.6	169.1
-45°	774.6	686.2	609.2	543.6	480.9	420.9	366.2	314.1	265.4	215.3	162.4
-47.5°	704.2	629.1	563.5	505.4	450.7	394.8	344.9	297.5	250.5	206.1	155.6
-50°	638.5	575.1	520.5	468.4	417.3	370.4	323.5	280.4	236.8	193.9	148.0
-52.5°	580.1	527.3	478.6	431.2	387.4	345.0	304.4	262.9	222.5	181.9	139.5
-55°	528.5	481.4	437.6	396.6	357.3	322.3	284.9	246.5	207.7	169.5	130.4
-57.5°	479.1	436.6	399.4	362.9	329.5	299.0	265.9	229.5	192.7	156.4	122.3
-60°	429.3	395.2	362.1	331.5	302.6	274.9	246.7	212.0	177.3	143.0	112.5
-62.5°	381.7	353.1	327.6	300.6	274.2	249.8	226.9	193.9	161.1	129.8	101.7
-65°	334.9	313.0	292.5	267.2	244.1	223.8	204.8	175.2	144.2	115.6	90.4
-67.5°	288.6	270.6	252.2	231.7	214.6	198.0	181.2	154.4	126.2	100.7	79.0
-70°	241.9	226.6	213.5	200.5	186.3	171.7	154.9	132.0	107.3	86.6	67.2
-72.5°	196.1	186.8	179.0	169.8	157.7	143.9	128.2	109.5	90.3	72.1	55.0
-75°	151.1	149.1	146.8	140.9	129.3	116.3	103.7	89.3	72.9	57.2	44.8
-77.5°	119.0	118.2	116.6	112.4	102.3	91.8	80.8	68.8	56.2	45.5	35.2
-80°	88.1	88.0	87.2	84.7	76.1	67.1	59.5	51.8	42.6	33.8	25.5
-82.5°	57.9	58.8	59.2	58.4	52.6	46.9	41.3	35.8	28.8	22.0	17.0
-85°	33.1	33.7	33.9	33.5	29.9	26.4	24.1	21.7	18.0	14.5	11.4
-87.5°	13.7	14.5	15.1	15.5	14.4	13.2	12.1	10.9	9.0	7.3	5.7
-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: P627342 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-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°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
85°	0.7	0.6	0.5	0.3	0.2	0.1	0.0
82.5°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
80°	1.3	1.1	0.9	0.7	0.5	0.2	0.0
77.5°	1.3	1.3	1.1	0.8	0.6	0.3	0.0
75°	1.3	1.3	1.3	1.0	0.7	0.3	0.0
72.5°	1.3	1.3	1.3	1.2	0.8	0.4	0.0
70°	1.3	1.3	1.3	1.3	0.9	0.4	0.0
67.5°	1.4	1.3	1.3	1.3	1.0	0.5	0.0
65°	1.6	1.4	1.3	1.3	1.1	0.5	0.0
62.5°	1.8	1.7	1.3	1.3	1.2	0.6	0.0
60°	2.0	2.1	1.3	1.3	1.3	0.6	0.0
57.5°	3.5	2.5	1.7	1.3	1.3	0.7	0.0
55°	5.4	2.9	2.1	1.3	1.3	0.7	0.0
52.5°	7.5	3.6	2.5	1.3	1.4	0.8	0.0
50°	9.9	5.8	2.9	1.3	1.4	0.8	0.0
47.5°	13.1	8.2	3.4	1.4	1.4	0.9	0.0
45°	20.1	10.7	3.8	1.7	1.5	0.9	0.0
42.5°	27.1	13.4	4.3	2.1	1.5	1.0	0.0
40°	34.0	16.3	5.7	2.6	1.5	1.0	0.0
37.5°	40.8	19.2	7.9	3.1	1.6	1.0	0.0
35°	47.6	23.9	10.1	3.7	1.7	1.1	0.0
32.5°	54.8	29.2	12.4	4.4	1.7	1.1	0.0
30°	62.9	34.5	14.6	5.1	1.8	1.1	0.0
27.5°	70.7	39.6	17.2	5.8	1.8	1.2	0.0
25°	78.3	44.5	19.8	6.6	1.9	1.2	0.0
22.5°	85.5	49.2	22.3	7.4	2.0	1.2	0.0
20°	92.4	53.9	24.8	8.2	2.1	1.2	0.0
17.5°	98.8	58.2	27.1	9.0	2.1	1.2	0.0
15°	104.6	62.3	29.4	9.8	2.2	1.3	0.0
12.5°	109.9	66.1	31.5	10.6	2.3	1.3	0.0
10°	114.8	69.5	33.5	11.4	2.3	1.3	0.0
7.5°	119.1	72.7	35.4	12.2	2.4	1.3	0.0
5°	122.9	75.4	37.1	12.9	2.5	1.3	0.0
2.5°	126.2	77.9	38.7	13.6	2.5	1.3	0.0
0°	128.9	79.9	40.0	14.2	2.6	1.3	0.0
-2.5°	132.4	82.4	41.8	15.1	3.0	1.4	0.0
-5°	135.3	84.5	43.4	15.9	3.4	1.5	0.0
-7.5°	137.6	86.3	44.8	16.7	3.7	1.5	0.0
-10°	139.3	87.5	45.9	17.3	4.1	1.6	0.0
-12.5°	140.2	88.4	46.8	17.9	4.4	1.7	0.0
-15°	140.5	88.8	47.3	18.3	4.8	1.7	0.0
-17.5°	140.1	88.8	47.6	18.7	5.0	1.8	0.0
-20°	139.7	88.2	47.5	18.9	5.3	1.8	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627342 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-735-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	139.8	87.3	47.2	19.0	5.6	1.9	0.0
-25°	139.2	87.0	46.4	19.0	5.8	1.9	0.0
-27.5°	137.8	86.6	45.4	18.9	5.9	2.0	0.0
-30°	135.8	85.7	44.1	18.6	6.1	2.0	0.0
-32.5°	133.1	84.2	43.5	18.2	6.2	2.0	0.0
-35°	130.5	82.2	42.6	17.7	6.2	2.0	0.0
-37.5°	127.5	80.0	41.3	17.0	6.3	2.0	0.0
-40°	123.8	78.1	39.7	16.2	6.2	2.0	0.0
-42.5°	119.5	75.6	38.5	15.5	6.2	1.9	0.0
-45°	114.4	72.7	37.7	14.9	6.1	1.9	0.0
-47.5°	108.6	69.2	36.6	14.1	6.0	1.8	0.0
-50°	103.6	65.3	35.0	13.8	5.8	1.8	0.0
-52.5°	98.1	60.9	33.1	13.6	5.6	1.7	0.0
-55°	92.0	57.3	30.8	13.3	5.3	1.7	0.0
-57.5°	85.4	53.4	28.2	12.7	5.0	1.6	0.0
-60°	78.3	49.0	25.3	12.1	4.7	1.5	0.0
-62.5°	71.5	44.1	23.5	11.2	4.4	1.4	0.0
-65°	63.9	38.7	21.5	10.2	4.1	1.3	0.0
-67.5°	55.8	33.9	19.2	9.1	3.7	1.2	0.0
-70°	47.0	29.7	16.7	7.9	3.4	1.1	0.0
-72.5°	40.0	25.2	14.0	6.9	3.0	0.9	0.0
-75°	32.8	20.4	11.2	6.0	2.6	0.8	0.0
-77.5°	25.3	15.4	9.2	5.1	2.2	0.7	0.0
-80°	17.5	11.8	7.5	4.1	1.8	0.6	0.0
-82.5°	12.9	8.9	5.7	3.1	1.3	0.4	0.0
-85°	8.7	6.0	3.8	2.1	0.9	0.3	0.0
-87.5°	4.3	3.0	1.9	1.1	0.5	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)