

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



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P645460 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA4B-740-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645460 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-21)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/4/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA4B-740-U-LAM-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, LAMBERTIAN
Light Source: (64) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

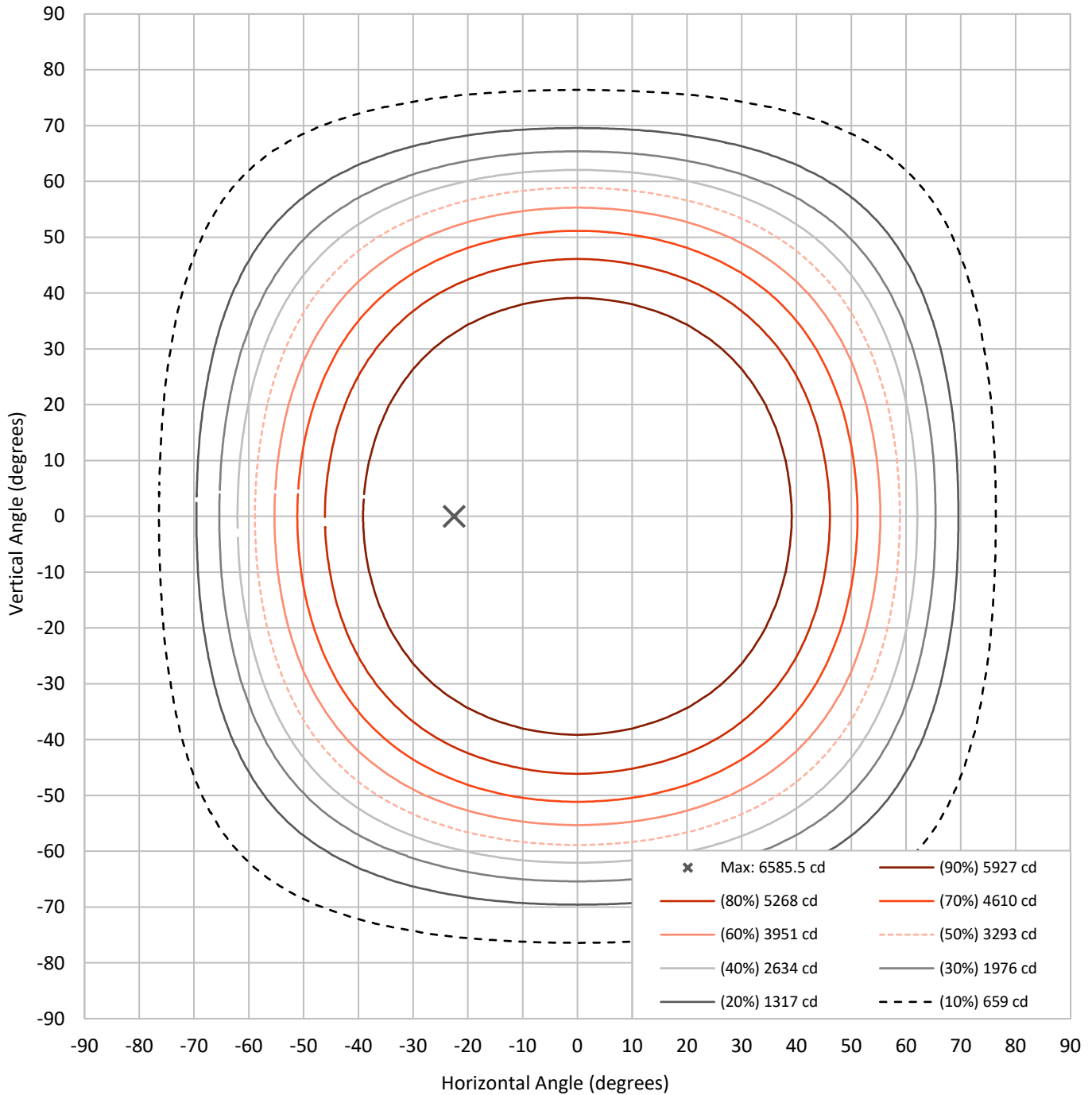
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	20145.5 lumens	Max Intensity:	6585.5 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	155.6 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	117.8°H x 112°V	Field Angle (10%):	152.8°H x 150.5°V
Beam Lumens:	16765.5 lumens	Field Lumens:	19749.3 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
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		



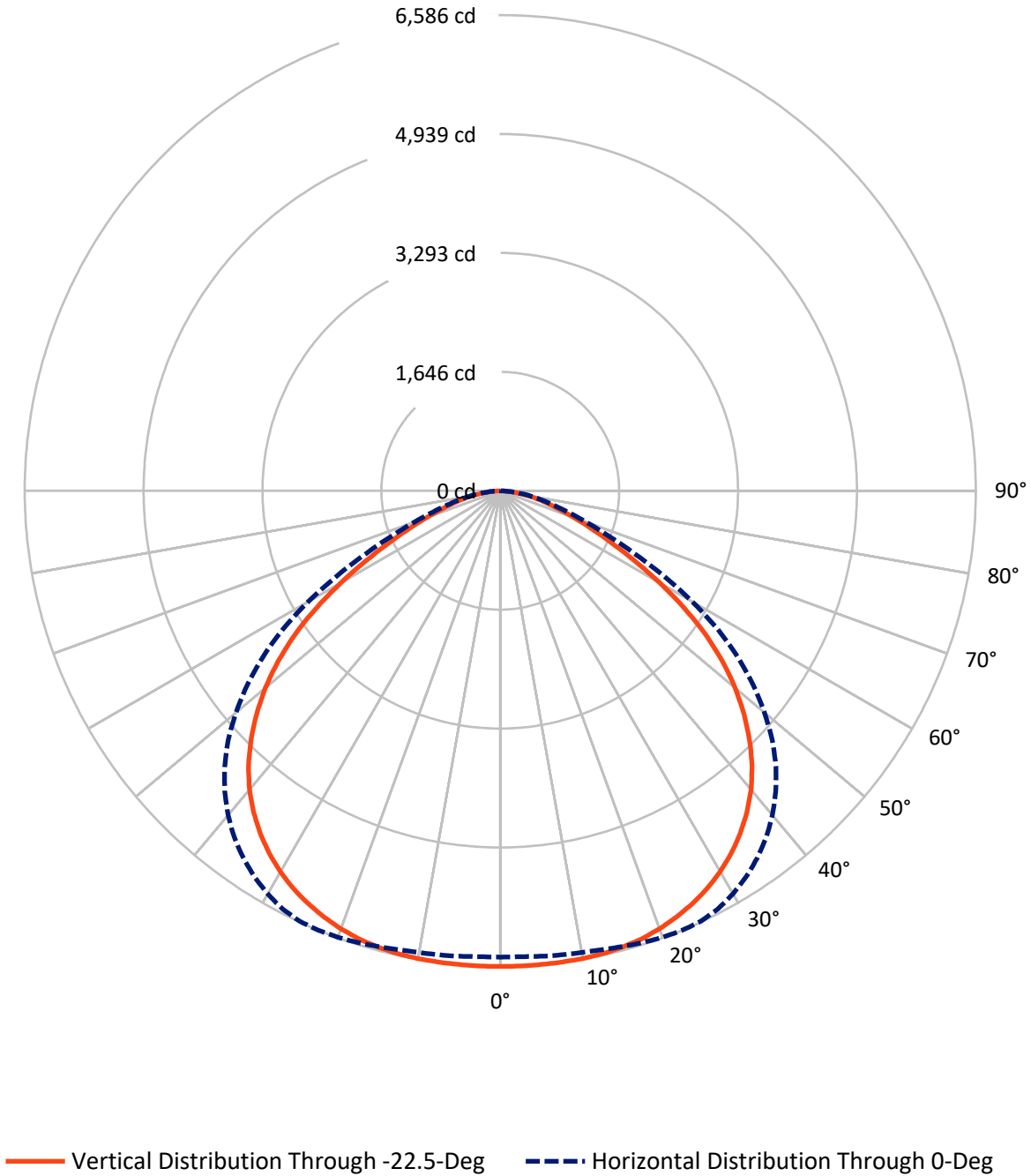
REPORT NUMBER: P645460 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-740-U-LAM-XX

Iso-Candela Plot



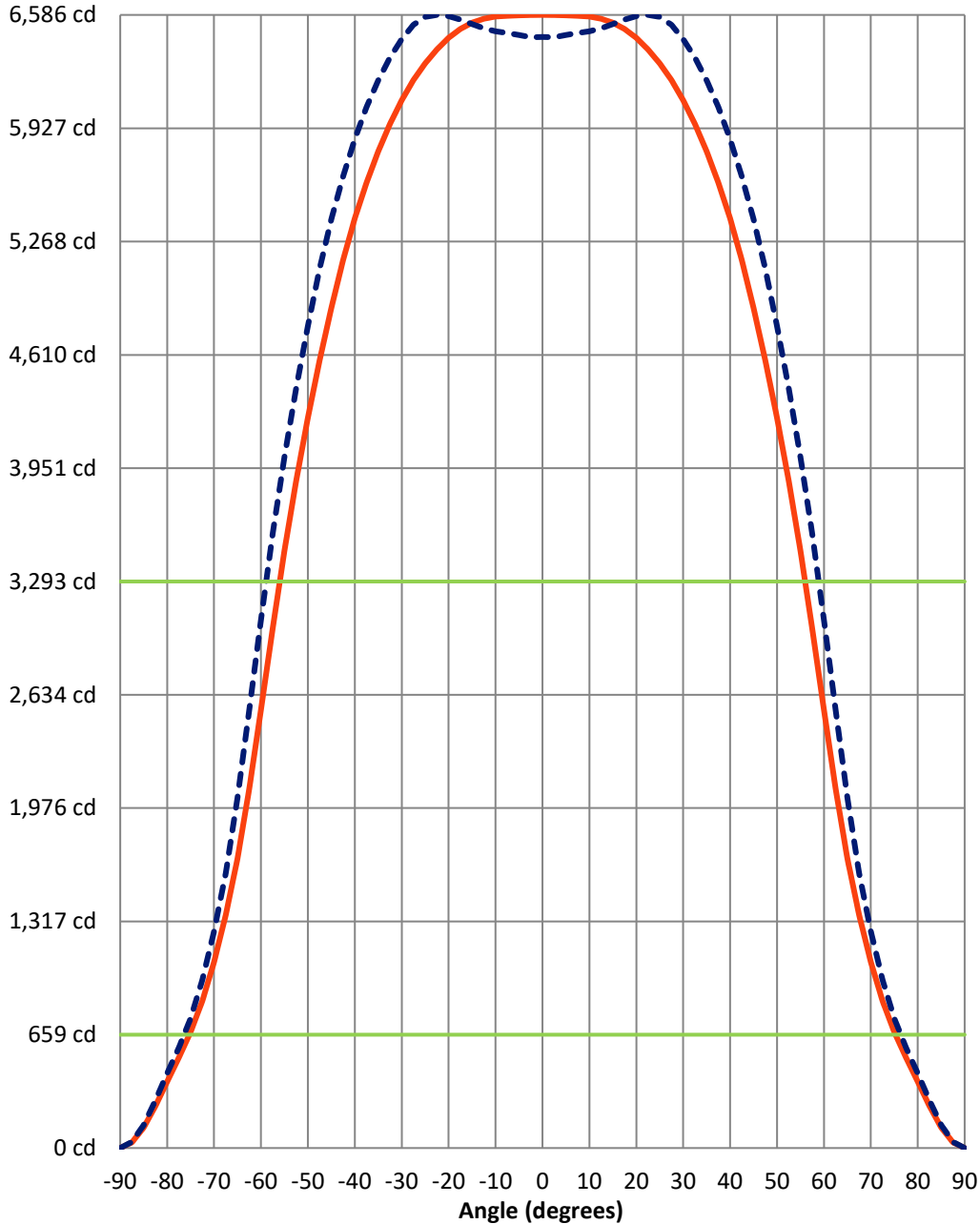
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 16765.5
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 19749.3
 Efficiency: 98.0%

Spill:
 Lumens: 396.2
 Efficiency: 2.0%

— Vertical Distribution through -22.5-Deg
 - - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.6	3.1	4.7	6.2	7.8	9.3	10.8	12.3	13.8	15.2
85°	0.0	3.1	6.3	9.4	12.5	15.6	18.6	21.6	24.6	27.5	30.4
82.5°	0.0	4.7	9.4	14.1	18.7	23.3	27.9	32.4	38.3	50.2	62.0
80°	0.0	6.2	12.5	18.7	24.9	31.0	39.0	55.3	71.5	87.4	103.0
77.5°	0.0	7.8	15.6	23.3	31.0	43.3	63.9	84.3	104.4	124.2	148.2
75°	0.0	9.3	18.6	27.9	39.0	63.9	88.6	113.0	138.5	173.1	207.0
72.5°	0.0	10.8	21.6	32.4	55.3	84.3	113.0	144.7	185.6	225.8	265.3
70°	0.0	12.3	24.6	38.3	71.5	104.4	138.5	185.6	232.0	278.0	327.7
67.5°	0.0	13.8	27.5	50.2	87.4	124.2	173.1	225.8	278.0	334.6	390.3
65°	0.0	15.2	30.4	62.0	103.0	148.2	207.0	265.3	327.7	390.3	451.1
62.5°	0.0	16.6	33.2	73.4	118.3	176.0	240.4	306.9	376.4	444.5	508.9
60°	0.0	18.0	36.0	84.7	133.3	203.2	273.0	348.8	424.2	495.6	565.6
57.5°	0.0	19.3	43.2	95.6	154.2	229.8	307.7	389.7	469.1	545.6	626.1
55°	0.0	20.6	50.3	106.3	174.9	255.7	341.9	429.5	512.5	595.8	687.6
52.5°	0.0	21.9	57.2	116.7	195.0	281.2	375.1	466.6	554.7	649.7	747.5
50°	0.0	23.1	63.9	126.7	214.4	307.9	407.2	502.4	597.2	702.0	821.8
47.5°	0.0	24.3	70.3	137.4	233.2	333.8	438.0	536.9	642.1	752.6	895.7
45°	0.0	25.5	76.5	150.9	251.2	358.6	466.5	570.2	685.4	816.2	967.0
42.5°	0.0	26.5	82.4	163.8	268.5	382.4	493.8	604.6	726.9	877.7	1051.0
40°	0.0	27.6	88.1	176.2	285.8	405.1	519.8	639.3	770.6	936.5	1134.0
37.5°	0.0	28.6	93.4	187.9	303.0	426.7	544.6	672.2	820.2	996.7	1213.2
35°	0.0	29.5	98.5	198.9	319.3	446.5	568.0	703.4	867.1	1063.9	1294.0
32.5°	0.0	30.4	103.2	209.4	334.6	464.8	591.0	732.7	911.4	1127.2	1378.9
30°	0.0	31.2	107.7	219.1	348.9	481.9	614.4	762.2	952.8	1186.6	1458.5
27.5°	0.0	31.9	111.8	228.1	362.2	497.8	636.1	795.7	995.1	1241.8	1532.6
25°	0.0	32.6	115.6	236.4	374.4	512.4	656.1	826.5	1040.0	1299.2	1601.8
22.5°	0.0	33.3	119.0	243.9	385.5	525.8	674.4	854.6	1081.0	1355.0	1682.6
20°	0.0	33.8	122.2	250.7	395.5	537.8	690.8	880.0	1117.9	1405.2	1755.6
17.5°	0.0	34.3	124.9	256.8	404.4	548.4	705.4	902.5	1150.8	1449.9	1820.6
15°	0.0	34.8	127.3	262.0	412.2	557.7	718.1	922.1	1179.4	1488.9	1877.2
12.5°	0.0	35.1	129.3	266.5	418.8	565.6	729.0	938.8	1203.7	1522.1	1925.5
10°	0.0	35.5	131.0	270.2	424.2	572.0	737.8	952.5	1223.7	1549.3	1965.2
7.5°	0.0	35.7	132.3	273.0	428.4	577.1	744.8	963.2	1239.4	1570.6	1996.2
5°	0.0	35.9	133.3	275.1	431.4	580.7	749.7	970.9	1250.5	1585.9	2018.4
2.5°	0.0	36.0	133.8	276.3	433.2	582.9	752.7	975.5	1257.3	1595.0	2031.7
0°	0.0	36.0	134.0	276.7	433.8	583.6	753.7	977.0	1259.5	1598.1	2036.2
-2.5°	0.0	36.0	133.8	276.3	433.2	582.9	752.7	975.5	1257.3	1595.0	2031.7
-5°	0.0	35.9	133.3	275.1	431.4	580.7	749.7	970.9	1250.5	1585.9	2018.4
-7.5°	0.0	35.7	132.3	273.0	428.4	577.1	744.8	963.2	1239.4	1570.6	1996.2
-10°	0.0	35.5	131.0	270.2	424.2	572.0	737.8	952.5	1223.7	1549.3	1965.2
-12.5°	0.0	35.1	129.3	266.5	418.8	565.6	729.0	938.8	1203.7	1522.1	1925.5
-15°	0.0	34.8	127.3	262.0	412.2	557.7	718.1	922.1	1179.4	1488.9	1877.2
-17.5°	0.0	34.3	124.9	256.8	404.4	548.4	705.4	902.5	1150.8	1449.9	1820.6
-20°	0.0	33.8	122.2	250.7	395.5	537.8	690.8	880.0	1117.9	1405.2	1755.6

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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	33.3	119.0	243.9	385.5	525.8	674.4	854.6	1081.0	1355.0	1682.6
-25°	0.0	32.6	115.6	236.4	374.4	512.4	656.1	826.5	1040.0	1299.2	1601.8
-27.5°	0.0	31.9	111.8	228.1	362.2	497.8	636.1	795.7	995.1	1241.8	1532.6
-30°	0.0	31.2	107.7	219.1	348.9	481.9	614.4	762.2	952.8	1186.6	1458.5
-32.5°	0.0	30.4	103.2	209.4	334.6	464.8	591.0	732.7	911.4	1127.2	1378.9
-35°	0.0	29.5	98.5	198.9	319.3	446.5	568.0	703.4	867.1	1063.9	1294.0
-37.5°	0.0	28.6	93.4	187.9	303.0	426.7	544.6	672.2	820.2	996.7	1213.2
-40°	0.0	27.6	88.1	176.2	285.8	405.1	519.8	639.3	770.6	936.5	1134.0
-42.5°	0.0	26.5	82.4	163.8	268.5	382.4	493.8	604.6	726.9	877.7	1051.0
-45°	0.0	25.5	76.5	150.9	251.2	358.6	466.5	570.2	685.4	816.2	967.0
-47.5°	0.0	24.3	70.3	137.4	233.2	333.8	438.0	536.9	642.1	752.6	895.7
-50°	0.0	23.1	63.9	126.7	214.4	307.9	407.2	502.4	597.2	702.0	821.8
-52.5°	0.0	21.9	57.2	116.7	195.0	281.2	375.1	466.6	554.7	649.7	747.5
-55°	0.0	20.6	50.3	106.3	174.9	255.7	341.9	429.5	512.5	595.8	687.6
-57.5°	0.0	19.3	43.2	95.6	154.2	229.8	307.7	389.7	469.1	545.6	626.1
-60°	0.0	18.0	36.0	84.7	133.3	203.2	273.0	348.8	424.2	495.6	565.6
-62.5°	0.0	16.6	33.2	73.4	118.3	176.0	240.4	306.9	376.4	444.5	508.9
-65°	0.0	15.2	30.4	62.0	103.0	148.2	207.0	265.3	327.7	390.3	451.1
-67.5°	0.0	13.8	27.5	50.2	87.4	124.2	173.1	225.8	278.0	334.6	390.3
-70°	0.0	12.3	24.6	38.3	71.5	104.4	138.5	185.6	232.0	278.0	327.7
-72.5°	0.0	10.8	21.6	32.4	55.3	84.3	113.0	144.7	185.6	225.8	265.3
-75°	0.0	9.3	18.6	27.9	39.0	63.9	88.6	113.0	138.5	173.1	207.0
-77.5°	0.0	7.8	15.6	23.3	31.0	43.3	63.9	84.3	104.4	124.2	148.2
-80°	0.0	6.2	12.5	18.7	24.9	31.0	39.0	55.3	71.5	87.4	103.0
-82.5°	0.0	4.7	9.4	14.1	18.7	23.3	27.9	32.4	38.3	50.2	62.0
-85°	0.0	3.1	6.3	9.4	12.5	15.6	18.6	21.6	24.6	27.5	30.4
-87.5°	0.0	1.6	3.1	4.7	6.2	7.8	9.3	10.8	12.3	13.8	15.2
-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: P645460 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-740-U-LAM-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°	16.6	18.0	19.3	20.6	21.9	23.1	24.3	25.5	26.5	27.6	28.6
85°	33.2	36.0	43.2	50.3	57.2	63.9	70.3	76.5	82.4	88.1	93.4
82.5°	73.4	84.7	95.6	106.3	116.7	126.7	137.4	150.9	163.8	176.2	187.9
80°	118.3	133.3	154.2	174.9	195.0	214.4	233.2	251.2	268.5	285.8	303.0
77.5°	176.0	203.2	229.8	255.7	281.2	307.9	333.8	358.6	382.4	405.1	426.7
75°	240.4	273.0	307.7	341.9	375.1	407.2	438.0	466.5	493.8	519.8	544.6
72.5°	306.9	348.8	389.7	429.5	466.6	502.4	536.9	570.2	604.6	639.3	672.2
70°	376.4	424.2	469.1	512.5	554.7	597.2	642.1	685.4	726.9	770.6	820.2
67.5°	444.5	495.6	545.6	595.8	649.7	702.0	752.6	816.2	877.7	936.5	996.7
65°	508.9	565.6	626.1	687.6	747.5	821.8	895.7	967.0	1051.0	1134.0	1213.2
62.5°	572.3	641.3	710.5	785.7	872.1	956.1	1053.5	1152.9	1248.6	1356.3	1461.2
60°	641.3	718.1	805.9	902.5	1002.0	1117.9	1230.4	1355.0	1480.5	1601.8	1750.7
57.5°	710.5	805.9	912.7	1027.8	1156.9	1287.2	1433.4	1575.0	1744.8	1914.4	2083.2
55°	785.7	902.5	1027.8	1169.9	1318.6	1480.9	1650.5	1848.2	2039.6	2252.8	2457.0
52.5°	872.1	1002.0	1156.9	1318.6	1496.8	1692.0	1910.9	2137.3	2375.7	2607.2	2834.2
50°	956.1	1117.9	1287.2	1480.9	1692.0	1931.8	2186.4	2450.1	2710.3	2964.2	3202.0
47.5°	1053.5	1230.4	1433.4	1650.5	1910.9	2186.4	2475.0	2762.3	3043.0	3303.5	3552.9
45°	1152.9	1355.0	1575.0	1848.2	2137.3	2450.1	2762.3	3069.4	3354.6	3623.8	3859.2
42.5°	1248.6	1480.5	1744.8	2039.6	2375.7	2710.3	3043.0	3354.6	3646.8	3906.0	4142.5
40°	1356.3	1601.8	1914.4	2252.8	2607.2	2964.2	3303.5	3623.8	3906.0	4164.0	4403.5
37.5°	1461.2	1750.7	2083.2	2457.0	2834.2	3202.0	3552.9	3859.2	4142.5	4403.5	4633.3
35°	1560.8	1892.2	2262.5	2654.9	3050.9	3424.9	3766.4	4078.2	4359.7	4613.0	4847.9
32.5°	1671.6	2026.0	2432.2	2845.0	3248.4	3629.2	3967.7	4272.7	4552.6	4809.8	5043.1
30°	1785.8	2170.3	2593.3	3024.1	3433.8	3806.3	4144.3	4453.1	4730.7	4984.8	5213.4
27.5°	1892.2	2306.4	2746.9	3186.1	3603.2	3972.3	4305.8	4609.8	4889.1	5144.9	5366.5
25°	1990.5	2432.2	2889.2	3334.5	3745.8	4115.8	4452.3	4756.1	5033.8	5279.3	5494.7
22.5°	2087.5	2547.5	3019.5	3470.5	3876.9	4244.0	4577.5	4882.1	5159.9	5403.1	5609.8
20°	2181.8	2654.9	3134.5	3591.2	3995.7	4360.6	4691.4	4995.5	5265.9	5501.4	5707.2
17.5°	2265.7	2750.6	3235.1	3688.7	4093.5	4460.1	4792.3	5097.4	5361.3	5590.1	5791.2
15°	2339.0	2834.2	3323.1	3774.0	4177.6	4542.7	4875.0	5176.7	5438.8	5665.7	5865.4
12.5°	2401.5	2905.5	3398.2	3846.8	4249.4	4613.5	4945.8	5243.3	5501.0	5725.0	5920.4
10°	2452.9	2964.2	3460.0	3906.9	4308.7	4671.9	5004.4	5298.5	5552.6	5774.3	5966.2
7.5°	2493.0	3010.1	3508.4	3953.9	4355.2	4717.7	5050.3	5341.8	5593.2	5813.1	6002.3
5°	2521.8	3043.0	3543.1	3987.6	4388.5	4750.6	5083.3	5373.0	5622.5	5841.0	6028.4
2.5°	2539.1	3062.8	3563.9	4007.9	4408.6	4770.4	5103.2	5391.8	5640.1	5857.9	6044.2
0°	2544.9	3069.4	3570.9	4014.7	4415.3	4777.0	5109.9	5398.1	5646.0	5863.6	6049.5
-2.5°	2539.1	3062.8	3563.9	4007.9	4408.6	4770.4	5103.2	5391.8	5640.1	5857.9	6044.2
-5°	2521.8	3043.0	3543.1	3987.6	4388.5	4750.6	5083.3	5373.0	5622.5	5841.0	6028.4
-7.5°	2493.0	3010.1	3508.4	3953.9	4355.2	4717.7	5050.3	5341.8	5593.2	5813.1	6002.3
-10°	2452.9	2964.2	3460.0	3906.9	4308.7	4671.9	5004.4	5298.5	5552.6	5774.3	5966.2
-12.5°	2401.5	2905.5	3398.2	3846.8	4249.4	4613.5	4945.8	5243.3	5501.0	5725.0	5920.4
-15°	2339.0	2834.2	3323.1	3774.0	4177.6	4542.7	4875.0	5176.7	5438.8	5665.7	5865.4
-17.5°	2265.7	2750.6	3235.1	3688.7	4093.5	4460.1	4792.3	5097.4	5361.3	5590.1	5791.2
-20°	2181.8	2654.9	3134.5	3591.2	3995.7	4360.6	4691.4	4995.5	5265.9	5501.4	5707.2



REPORT NUMBER: P645460 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2087.5	2547.5	3019.5	3470.5	3876.9	4244.0	4577.5	4882.1	5159.9	5403.1	5609.8
-25°	1990.5	2432.2	2889.2	3334.5	3745.8	4115.8	4452.3	4756.1	5033.8	5279.3	5494.7
-27.5°	1892.2	2306.4	2746.9	3186.1	3603.2	3972.3	4305.8	4609.8	4889.1	5144.9	5366.5
-30°	1785.8	2170.3	2593.3	3024.1	3433.8	3806.3	4144.3	4453.1	4730.7	4984.8	5213.4
-32.5°	1671.6	2026.0	2432.2	2845.0	3248.4	3629.2	3967.7	4272.7	4552.6	4809.8	5043.1
-35°	1560.8	1892.2	2262.5	2654.9	3050.9	3424.9	3766.4	4078.2	4359.7	4613.0	4847.9
-37.5°	1461.2	1750.7	2083.2	2457.0	2834.2	3202.0	3552.9	3859.2	4142.5	4403.5	4633.3
-40°	1356.3	1601.8	1914.4	2252.8	2607.2	2964.2	3303.5	3623.8	3906.0	4164.0	4403.5
-42.5°	1248.6	1480.5	1744.8	2039.6	2375.7	2710.3	3043.0	3354.6	3646.8	3906.0	4142.5
-45°	1152.9	1355.0	1575.0	1848.2	2137.3	2450.1	2762.3	3069.4	3354.6	3623.8	3859.2
-47.5°	1053.5	1230.4	1433.4	1650.5	1910.9	2186.4	2475.0	2762.3	3043.0	3303.5	3552.9
-50°	956.1	1117.9	1287.2	1480.9	1692.0	1931.8	2186.4	2450.1	2710.3	2964.2	3202.0
-52.5°	872.1	1002.0	1156.9	1318.6	1496.8	1692.0	1910.9	2137.3	2375.7	2607.2	2834.2
-55°	785.7	902.5	1027.8	1169.9	1318.6	1480.9	1650.5	1848.2	2039.6	2252.8	2457.0
-57.5°	710.5	805.9	912.7	1027.8	1156.9	1287.2	1433.4	1575.0	1744.8	1914.4	2083.2
-60°	641.3	718.1	805.9	902.5	1002.0	1117.9	1230.4	1355.0	1480.5	1601.8	1750.7
-62.5°	572.3	641.3	710.5	785.7	872.1	956.1	1053.5	1152.9	1248.6	1356.3	1461.2
-65°	508.9	565.6	626.1	687.6	747.5	821.8	895.7	967.0	1051.0	1134.0	1213.2
-67.5°	444.5	495.6	545.6	595.8	649.7	702.0	752.6	816.2	877.7	936.5	996.7
-70°	376.4	424.2	469.1	512.5	554.7	597.2	642.1	685.4	726.9	770.6	820.2
-72.5°	306.9	348.8	389.7	429.5	466.6	502.4	536.9	570.2	604.6	639.3	672.2
-75°	240.4	273.0	307.7	341.9	375.1	407.2	438.0	466.5	493.8	519.8	544.6
-77.5°	176.0	203.2	229.8	255.7	281.2	307.9	333.8	358.6	382.4	405.1	426.7
-80°	118.3	133.3	154.2	174.9	195.0	214.4	233.2	251.2	268.5	285.8	303.0
-82.5°	73.4	84.7	95.6	106.3	116.7	126.7	137.4	150.9	163.8	176.2	187.9
-85°	33.2	36.0	43.2	50.3	57.2	63.9	70.3	76.5	82.4	88.1	93.4
-87.5°	16.6	18.0	19.3	20.6	21.9	23.1	24.3	25.5	26.5	27.6	28.6
-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: P645460 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-740-U-LAM-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°	29.5	30.4	31.2	31.9	32.6	33.3	33.8	34.3	34.8	35.1	35.5
85°	98.5	103.2	107.7	111.8	115.6	119.0	122.2	124.9	127.3	129.3	131.0
82.5°	198.9	209.4	219.1	228.1	236.4	243.9	250.7	256.8	262.0	266.5	270.2
80°	319.3	334.6	348.9	362.2	374.4	385.5	395.5	404.4	412.2	418.8	424.2
77.5°	446.5	464.8	481.9	497.8	512.4	525.8	537.8	548.4	557.7	565.6	572.0
75°	568.0	591.0	614.4	636.1	656.1	674.4	690.8	705.4	718.1	729.0	737.8
72.5°	703.4	732.7	762.2	795.7	826.5	854.6	880.0	902.5	922.1	938.8	952.5
70°	867.1	911.4	952.8	995.1	1040.0	1081.0	1117.9	1150.8	1179.4	1203.7	1223.7
67.5°	1063.9	1127.2	1186.6	1241.8	1299.2	1355.0	1405.2	1449.9	1488.9	1522.1	1549.3
65°	1294.0	1378.9	1458.5	1532.6	1601.8	1682.6	1755.6	1820.6	1877.2	1925.5	1965.2
62.5°	1560.8	1671.6	1785.8	1892.2	1990.5	2087.5	2181.8	2265.7	2339.0	2401.5	2452.9
60°	1892.2	2026.0	2170.3	2306.4	2432.2	2547.5	2654.9	2750.6	2834.2	2905.5	2964.2
57.5°	2262.5	2432.2	2593.3	2746.9	2889.2	3019.5	3134.5	3235.1	3323.1	3398.2	3460.0
55°	2654.9	2845.0	3024.1	3186.1	3334.5	3470.5	3591.2	3688.7	3774.0	3846.8	3906.9
52.5°	3050.9	3248.4	3433.8	3603.2	3745.8	3876.9	3995.7	4093.5	4177.6	4249.4	4308.7
50°	3424.9	3629.2	3806.3	3972.3	4115.8	4244.0	4360.6	4460.1	4542.7	4613.5	4671.9
47.5°	3766.4	3967.7	4144.3	4305.8	4452.3	4577.5	4691.4	4792.3	4875.0	4945.8	5004.4
45°	4078.2	4272.7	4453.1	4609.8	4756.1	4882.1	4995.5	5097.4	5176.7	5243.3	5298.5
42.5°	4359.7	4552.6	4730.7	4889.1	5033.8	5159.9	5265.9	5361.3	5438.8	5501.0	5552.6
40°	4613.0	4809.8	4984.8	5144.9	5279.3	5403.1	5501.4	5590.1	5665.7	5725.0	5774.3
37.5°	4847.9	5043.1	5213.4	5366.5	5494.7	5609.8	5707.2	5791.2	5865.4	5920.4	5966.2
35°	5062.6	5248.1	5416.6	5556.9	5684.0	5792.5	5888.3	5965.8	6034.7	6087.1	6128.9
32.5°	5248.1	5432.0	5588.5	5726.6	5850.6	5951.8	6043.7	6114.7	6177.3	6227.7	6266.5
30°	5416.6	5588.5	5740.9	5877.7	5990.8	6089.3	6172.0	6241.4	6299.2	6347.3	6381.4
27.5°	5556.9	5726.6	5877.7	6003.9	6112.0	6206.9	6282.6	6349.4	6399.9	6444.1	6473.5
25°	5684.0	5850.6	5990.8	6112.0	6217.0	6303.7	6375.7	6436.2	6480.9	6518.9	6540.7
22.5°	5792.5	5951.8	6089.3	6206.9	6303.7	6384.6	6452.5	6503.7	6540.4	6563.3	6576.2
20°	5888.3	6043.7	6172.0	6282.6	6375.7	6452.5	6511.5	6549.3	6574.9	6581.1	6584.8
17.5°	5965.8	6114.7	6241.4	6349.4	6436.2	6503.7	6549.3	6576.1	6583.7	6582.3	6578.5
15°	6034.7	6177.3	6299.2	6399.9	6480.9	6540.4	6574.9	6583.7	6581.4	6573.7	6561.8
12.5°	6087.1	6227.7	6347.3	6444.1	6518.9	6563.3	6581.1	6582.3	6573.7	6559.0	6542.1
10°	6128.9	6266.5	6381.4	6473.5	6540.7	6576.2	6584.8	6578.5	6561.8	6542.1	6523.4
7.5°	6161.9	6297.3	6408.6	6496.9	6555.0	6580.2	6582.1	6570.2	6550.1	6527.8	6507.5
5°	6185.8	6319.6	6428.3	6514.0	6565.5	6583.1	6580.0	6563.6	6540.4	6517.0	6498.5
2.5°	6200.3	6333.2	6440.3	6524.4	6571.8	6584.9	6578.7	6559.5	6534.3	6510.1	6492.5
0°	6205.1	6337.7	6444.3	6527.9	6574.0	6585.5	6578.3	6558.1	6532.2	6507.7	6490.4
-2.5°	6200.3	6333.2	6440.3	6524.4	6571.8	6584.9	6578.7	6559.5	6534.3	6510.1	6492.5
-5°	6185.8	6319.6	6428.3	6514.0	6565.5	6583.1	6580.0	6563.6	6540.4	6517.0	6498.5
-7.5°	6161.9	6297.3	6408.6	6496.9	6555.0	6580.2	6582.1	6570.2	6550.1	6527.8	6507.5
-10°	6128.9	6266.5	6381.4	6473.5	6540.7	6576.2	6584.8	6578.5	6561.8	6542.1	6523.4
-12.5°	6087.1	6227.7	6347.3	6444.1	6518.9	6563.3	6581.1	6582.3	6573.7	6559.0	6542.1
-15°	6034.7	6177.3	6299.2	6399.9	6480.9	6540.4	6574.9	6583.7	6581.4	6573.7	6561.8
-17.5°	5965.8	6114.7	6241.4	6349.4	6436.2	6503.7	6549.3	6576.1	6583.7	6582.3	6578.5
-20°	5888.3	6043.7	6172.0	6282.6	6375.7	6452.5	6511.5	6549.3	6574.9	6581.1	6584.8

Classified

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

Scaled Data Report



REPORT NUMBER: P645460 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5792.5	5951.8	6089.3	6206.9	6303.7	6384.6	6452.5	6503.7	6540.4	6563.3	6576.2
-25°	5684.0	5850.6	5990.8	6112.0	6217.0	6303.7	6375.7	6436.2	6480.9	6518.9	6540.7
-27.5°	5556.9	5726.6	5877.7	6003.9	6112.0	6206.9	6282.6	6349.4	6399.9	6444.1	6473.5
-30°	5416.6	5588.5	5740.9	5877.7	5990.8	6089.3	6172.0	6241.4	6299.2	6347.3	6381.4
-32.5°	5248.1	5432.0	5588.5	5726.6	5850.6	5951.8	6043.7	6114.7	6177.3	6227.7	6266.5
-35°	5062.6	5248.1	5416.6	5556.9	5684.0	5792.5	5888.3	5965.8	6034.7	6087.1	6128.9
-37.5°	4847.9	5043.1	5213.4	5366.5	5494.7	5609.8	5707.2	5791.2	5865.4	5920.4	5966.2
-40°	4613.0	4809.8	4984.8	5144.9	5279.3	5403.1	5501.4	5590.1	5665.7	5725.0	5774.3
-42.5°	4359.7	4552.6	4730.7	4889.1	5033.8	5159.9	5265.9	5361.3	5438.8	5501.0	5552.6
-45°	4078.2	4272.7	4453.1	4609.8	4756.1	4882.1	4995.5	5097.4	5176.7	5243.3	5298.5
-47.5°	3766.4	3967.7	4144.3	4305.8	4452.3	4577.5	4691.4	4792.3	4875.0	4945.8	5004.4
-50°	3424.9	3629.2	3806.3	3972.3	4115.8	4244.0	4360.6	4460.1	4542.7	4613.5	4671.9
-52.5°	3050.9	3248.4	3433.8	3603.2	3745.8	3876.9	3995.7	4093.5	4177.6	4249.4	4308.7
-55°	2654.9	2845.0	3024.1	3186.1	3334.5	3470.5	3591.2	3688.7	3774.0	3846.8	3906.9
-57.5°	2262.5	2432.2	2593.3	2746.9	2889.2	3019.5	3134.5	3235.1	3323.1	3398.2	3460.0
-60°	1892.2	2026.0	2170.3	2306.4	2432.2	2547.5	2654.9	2750.6	2834.2	2905.5	2964.2
-62.5°	1560.8	1671.6	1785.8	1892.2	1990.5	2087.5	2181.8	2265.7	2339.0	2401.5	2452.9
-65°	1294.0	1378.9	1458.5	1532.6	1601.8	1682.6	1755.6	1820.6	1877.2	1925.5	1965.2
-67.5°	1063.9	1127.2	1186.6	1241.8	1299.2	1355.0	1405.2	1449.9	1488.9	1522.1	1549.3
-70°	867.1	911.4	952.8	995.1	1040.0	1081.0	1117.9	1150.8	1179.4	1203.7	1223.7
-72.5°	703.4	732.7	762.2	795.7	826.5	854.6	880.0	902.5	922.1	938.8	952.5
-75°	568.0	591.0	614.4	636.1	656.1	674.4	690.8	705.4	718.1	729.0	737.8
-77.5°	446.5	464.8	481.9	497.8	512.4	525.8	537.8	548.4	557.7	565.6	572.0
-80°	319.3	334.6	348.9	362.2	374.4	385.5	395.5	404.4	412.2	418.8	424.2
-82.5°	198.9	209.4	219.1	228.1	236.4	243.9	250.7	256.8	262.0	266.5	270.2
-85°	98.5	103.2	107.7	111.8	115.6	119.0	122.2	124.9	127.3	129.3	131.0
-87.5°	29.5	30.4	31.2	31.9	32.6	33.3	33.8	34.3	34.8	35.1	35.5
-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: P645460 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-740-U-LAM-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°	35.7	35.9	36.0	36.0	36.0	35.9	35.7	35.5	35.1	34.8	34.3
85°	132.3	133.3	133.8	134.0	133.8	133.3	132.3	131.0	129.3	127.3	124.9
82.5°	273.0	275.1	276.3	276.7	276.3	275.1	273.0	270.2	266.5	262.0	256.8
80°	428.4	431.4	433.2	433.8	433.2	431.4	428.4	424.2	418.8	412.2	404.4
77.5°	577.1	580.7	582.9	583.6	582.9	580.7	577.1	572.0	565.6	557.7	548.4
75°	744.8	749.7	752.7	753.7	752.7	749.7	744.8	737.8	729.0	718.1	705.4
72.5°	963.2	970.9	975.5	977.0	975.5	970.9	963.2	952.5	938.8	922.1	902.5
70°	1239.4	1250.5	1257.3	1259.5	1257.3	1250.5	1239.4	1223.7	1203.7	1179.4	1150.8
67.5°	1570.6	1585.9	1595.0	1598.1	1595.0	1585.9	1570.6	1549.3	1522.1	1488.9	1449.9
65°	1996.2	2018.4	2031.7	2036.2	2031.7	2018.4	1996.2	1965.2	1925.5	1877.2	1820.6
62.5°	2493.0	2521.8	2539.1	2544.9	2539.1	2521.8	2493.0	2452.9	2401.5	2339.0	2265.7
60°	3010.1	3043.0	3062.8	3069.4	3062.8	3043.0	3010.1	2964.2	2905.5	2834.2	2750.6
57.5°	3508.4	3543.1	3563.9	3570.9	3563.9	3543.1	3508.4	3460.0	3398.2	3323.1	3235.1
55°	3953.9	3987.6	4007.9	4014.7	4007.9	3987.6	3953.9	3906.9	3846.8	3774.0	3688.7
52.5°	4355.2	4388.5	4408.6	4415.3	4408.6	4388.5	4355.2	4308.7	4249.4	4177.6	4093.5
50°	4717.7	4750.6	4770.4	4777.0	4770.4	4750.6	4717.7	4671.9	4613.5	4542.7	4460.1
47.5°	5050.3	5083.3	5103.2	5109.9	5103.2	5083.3	5050.3	5004.4	4945.8	4875.0	4792.3
45°	5341.8	5373.0	5391.8	5398.1	5391.8	5373.0	5341.8	5298.5	5243.3	5176.7	5097.4
42.5°	5593.2	5622.5	5640.1	5646.0	5640.1	5622.5	5593.2	5552.6	5501.0	5438.8	5361.3
40°	5813.1	5841.0	5857.9	5863.6	5857.9	5841.0	5813.1	5774.3	5725.0	5665.7	5590.1
37.5°	6002.3	6028.4	6044.2	6049.5	6044.2	6028.4	6002.3	5966.2	5920.4	5865.4	5791.2
35°	6161.9	6185.8	6200.3	6205.1	6200.3	6185.8	6161.9	6128.9	6087.1	6034.7	5965.8
32.5°	6297.3	6319.6	6333.2	6337.7	6333.2	6319.6	6297.3	6266.5	6227.7	6177.3	6114.7
30°	6408.6	6428.3	6440.3	6444.3	6440.3	6428.3	6408.6	6381.4	6347.3	6299.2	6241.4
27.5°	6496.9	6514.0	6524.4	6527.9	6524.4	6514.0	6496.9	6473.5	6444.1	6399.9	6349.4
25°	6555.0	6565.5	6571.8	6574.0	6571.8	6565.5	6555.0	6540.7	6518.9	6480.9	6436.2
22.5°	6580.2	6583.1	6584.9	6585.5	6584.9	6583.1	6580.2	6576.2	6563.3	6540.4	6503.7
20°	6582.1	6580.0	6578.7	6578.3	6578.7	6580.0	6582.1	6584.8	6581.1	6574.9	6549.3
17.5°	6570.2	6563.6	6559.5	6558.1	6559.5	6563.6	6570.2	6578.5	6582.3	6583.7	6576.1
15°	6550.1	6540.4	6534.3	6532.2	6534.3	6540.4	6550.1	6561.8	6573.7	6581.4	6583.7
12.5°	6527.8	6517.0	6510.1	6507.7	6510.1	6517.0	6527.8	6542.1	6559.0	6573.7	6582.3
10°	6507.5	6498.5	6492.5	6490.4	6492.5	6498.5	6507.5	6523.4	6542.1	6561.8	6578.5
7.5°	6494.5	6486.4	6481.9	6480.3	6481.9	6486.4	6494.5	6507.5	6527.8	6550.1	6570.2
5°	6486.4	6478.3	6471.5	6468.8	6471.5	6478.3	6486.4	6498.5	6517.0	6540.4	6563.6
2.5°	6481.9	6471.5	6461.2	6455.8	6461.2	6471.5	6481.9	6492.5	6510.1	6534.3	6559.5
0°	6480.3	6468.8	6455.8	6457.3	6455.8	6468.8	6480.3	6490.4	6507.7	6532.2	6558.1
-2.5°	6481.9	6471.5	6461.2	6455.8	6461.2	6471.5	6481.9	6492.5	6510.1	6534.3	6559.5
-5°	6486.4	6478.3	6471.5	6468.8	6471.5	6478.3	6486.4	6498.5	6517.0	6540.4	6563.6
-7.5°	6494.5	6486.4	6481.9	6480.3	6481.9	6486.4	6494.5	6507.5	6527.8	6550.1	6570.2
-10°	6507.5	6498.5	6492.5	6490.4	6492.5	6498.5	6507.5	6523.4	6542.1	6561.8	6578.5
-12.5°	6527.8	6517.0	6510.1	6507.7	6510.1	6517.0	6527.8	6542.1	6559.0	6573.7	6582.3
-15°	6550.1	6540.4	6534.3	6532.2	6534.3	6540.4	6550.1	6561.8	6573.7	6581.4	6583.7
-17.5°	6570.2	6563.6	6559.5	6558.1	6559.5	6563.6	6570.2	6578.5	6582.3	6583.7	6576.1
-20°	6582.1	6580.0	6578.7	6578.3	6578.7	6580.0	6582.1	6584.8	6581.1	6574.9	6549.3

Classified

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

Scaled Data Report



REPORT NUMBER: P645460 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	6580.2	6583.1	6584.9	6585.5	6584.9	6583.1	6580.2	6576.2	6563.3	6540.4	6503.7
-25°	6555.0	6565.5	6571.8	6574.0	6571.8	6565.5	6555.0	6540.7	6518.9	6480.9	6436.2
-27.5°	6496.9	6514.0	6524.4	6527.9	6524.4	6514.0	6496.9	6473.5	6444.1	6399.9	6349.4
-30°	6408.6	6428.3	6440.3	6444.3	6440.3	6428.3	6408.6	6381.4	6347.3	6299.2	6241.4
-32.5°	6297.3	6319.6	6333.2	6337.7	6333.2	6319.6	6297.3	6266.5	6227.7	6177.3	6114.7
-35°	6161.9	6185.8	6200.3	6205.1	6200.3	6185.8	6161.9	6128.9	6087.1	6034.7	5965.8
-37.5°	6002.3	6028.4	6044.2	6049.5	6044.2	6028.4	6002.3	5966.2	5920.4	5865.4	5791.2
-40°	5813.1	5841.0	5857.9	5863.6	5857.9	5841.0	5813.1	5774.3	5725.0	5665.7	5590.1
-42.5°	5593.2	5622.5	5640.1	5646.0	5640.1	5622.5	5593.2	5552.6	5501.0	5438.8	5361.3
-45°	5341.8	5373.0	5391.8	5398.1	5391.8	5373.0	5341.8	5298.5	5243.3	5176.7	5097.4
-47.5°	5050.3	5083.3	5103.2	5109.9	5103.2	5083.3	5050.3	5004.4	4945.8	4875.0	4792.3
-50°	4717.7	4750.6	4770.4	4777.0	4770.4	4750.6	4717.7	4671.9	4613.5	4542.7	4460.1
-52.5°	4355.2	4388.5	4408.6	4415.3	4408.6	4388.5	4355.2	4308.7	4249.4	4177.6	4093.5
-55°	3953.9	3987.6	4007.9	4014.7	4007.9	3987.6	3953.9	3906.9	3846.8	3774.0	3688.7
-57.5°	3508.4	3543.1	3563.9	3570.9	3563.9	3543.1	3508.4	3460.0	3398.2	3323.1	3235.1
-60°	3010.1	3043.0	3062.8	3069.4	3062.8	3043.0	3010.1	2964.2	2905.5	2834.2	2750.6
-62.5°	2493.0	2521.8	2539.1	2544.9	2539.1	2521.8	2493.0	2452.9	2401.5	2339.0	2265.7
-65°	1996.2	2018.4	2031.7	2036.2	2031.7	2018.4	1996.2	1965.2	1925.5	1877.2	1820.6
-67.5°	1570.6	1585.9	1595.0	1598.1	1595.0	1585.9	1570.6	1549.3	1522.1	1488.9	1449.9
-70°	1239.4	1250.5	1257.3	1259.5	1257.3	1250.5	1239.4	1223.7	1203.7	1179.4	1150.8
-72.5°	963.2	970.9	975.5	977.0	975.5	970.9	963.2	952.5	938.8	922.1	902.5
-75°	744.8	749.7	752.7	753.7	752.7	749.7	744.8	737.8	729.0	718.1	705.4
-77.5°	577.1	580.7	582.9	583.6	582.9	580.7	577.1	572.0	565.6	557.7	548.4
-80°	428.4	431.4	433.2	433.8	433.2	431.4	428.4	424.2	418.8	412.2	404.4
-82.5°	273.0	275.1	276.3	276.7	276.3	275.1	273.0	270.2	266.5	262.0	256.8
-85°	132.3	133.3	133.8	134.0	133.8	133.3	132.3	131.0	129.3	127.3	124.9
-87.5°	35.7	35.9	36.0	36.0	36.0	35.9	35.7	35.5	35.1	34.8	34.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645460 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-740-U-LAM-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°	33.8	33.3	32.6	31.9	31.2	30.4	29.5	28.6	27.6	26.5	25.5
85°	122.2	119.0	115.6	111.8	107.7	103.2	98.5	93.4	88.1	82.4	76.5
82.5°	250.7	243.9	236.4	228.1	219.1	209.4	198.9	187.9	176.2	163.8	150.9
80°	395.5	385.5	374.4	362.2	348.9	334.6	319.3	303.0	285.8	268.5	251.2
77.5°	537.8	525.8	512.4	497.8	481.9	464.8	446.5	426.7	405.1	382.4	358.6
75°	690.8	674.4	656.1	636.1	614.4	591.0	568.0	544.6	519.8	493.8	466.5
72.5°	880.0	854.6	826.5	795.7	762.2	732.7	703.4	672.2	639.3	604.6	570.2
70°	1117.9	1081.0	1040.0	995.1	952.8	911.4	867.1	820.2	770.6	726.9	685.4
67.5°	1405.2	1355.0	1299.2	1241.8	1186.6	1127.2	1063.9	996.7	936.5	877.7	816.2
65°	1755.6	1682.6	1601.8	1532.6	1458.5	1378.9	1294.0	1213.2	1134.0	1051.0	967.0
62.5°	2181.8	2087.5	1990.5	1892.2	1785.8	1671.6	1560.8	1461.2	1356.3	1248.6	1152.9
60°	2654.9	2547.5	2432.2	2306.4	2170.3	2026.0	1892.2	1750.7	1601.8	1480.5	1355.0
57.5°	3134.5	3019.5	2889.2	2746.9	2593.3	2432.2	2262.5	2083.2	1914.4	1744.8	1575.0
55°	3591.2	3470.5	3334.5	3186.1	3024.1	2845.0	2654.9	2457.0	2252.8	2039.6	1848.2
52.5°	3995.7	3876.9	3745.8	3603.2	3433.8	3248.4	3050.9	2834.2	2607.2	2375.7	2137.3
50°	4360.6	4244.0	4115.8	3972.3	3806.3	3629.2	3424.9	3202.0	2964.2	2710.3	2450.1
47.5°	4691.4	4577.5	4452.3	4305.8	4144.3	3967.7	3766.4	3552.9	3303.5	3043.0	2762.3
45°	4995.5	4882.1	4756.1	4609.8	4453.1	4272.7	4078.2	3859.2	3623.8	3354.6	3069.4
42.5°	5265.9	5159.9	5033.8	4889.1	4730.7	4552.6	4359.7	4142.5	3906.0	3646.8	3354.6
40°	5501.4	5403.1	5279.3	5144.9	4984.8	4809.8	4613.0	4403.5	4164.0	3906.0	3623.8
37.5°	5707.2	5609.8	5494.7	5366.5	5213.4	5043.1	4847.9	4633.3	4403.5	4142.5	3859.2
35°	5888.3	5792.5	5684.0	5556.9	5416.6	5248.1	5062.6	4847.9	4613.0	4359.7	4078.2
32.5°	6043.7	5951.8	5850.6	5726.6	5588.5	5432.0	5248.1	5043.1	4809.8	4552.6	4272.7
30°	6172.0	6089.3	5990.8	5877.7	5740.9	5588.5	5416.6	5213.4	4984.8	4730.7	4453.1
27.5°	6282.6	6206.9	6112.0	6003.9	5877.7	5726.6	5556.9	5366.5	5144.9	4889.1	4609.8
25°	6375.7	6303.7	6217.0	6112.0	5990.8	5850.6	5684.0	5494.7	5279.3	5033.8	4756.1
22.5°	6452.5	6384.6	6303.7	6206.9	6089.3	5951.8	5792.5	5609.8	5403.1	5159.9	4882.1
20°	6511.5	6452.5	6375.7	6282.6	6172.0	6043.7	5888.3	5707.2	5501.4	5265.9	4995.5
17.5°	6549.3	6503.7	6436.2	6349.4	6241.4	6114.7	5965.8	5791.2	5590.1	5361.3	5097.4
15°	6574.9	6540.4	6480.9	6399.9	6299.2	6177.3	6034.7	5865.4	5665.7	5438.8	5176.7
12.5°	6581.1	6563.3	6518.9	6444.1	6347.3	6227.7	6087.1	5920.4	5725.0	5501.0	5243.3
10°	6584.8	6576.2	6540.7	6473.5	6381.4	6266.5	6128.9	5966.2	5774.3	5552.6	5298.5
7.5°	6582.1	6580.2	6555.0	6496.9	6408.6	6297.3	6161.9	6002.3	5813.1	5593.2	5341.8
5°	6580.0	6583.1	6565.5	6514.0	6428.3	6319.6	6185.8	6028.4	5841.0	5622.5	5373.0
2.5°	6578.7	6584.9	6571.8	6524.4	6440.3	6333.2	6200.3	6044.2	5857.9	5640.1	5391.8
0°	6578.3	6585.5	6574.0	6527.9	6444.3	6337.7	6205.1	6049.5	5863.6	5646.0	5398.1
-2.5°	6578.7	6584.9	6571.8	6524.4	6440.3	6333.2	6200.3	6044.2	5857.9	5640.1	5391.8
-5°	6580.0	6583.1	6565.5	6514.0	6428.3	6319.6	6185.8	6028.4	5841.0	5622.5	5373.0
-7.5°	6582.1	6580.2	6555.0	6496.9	6408.6	6297.3	6161.9	6002.3	5813.1	5593.2	5341.8
-10°	6584.8	6576.2	6540.7	6473.5	6381.4	6266.5	6128.9	5966.2	5774.3	5552.6	5298.5
-12.5°	6581.1	6563.3	6518.9	6444.1	6347.3	6227.7	6087.1	5920.4	5725.0	5501.0	5243.3
-15°	6574.9	6540.4	6480.9	6399.9	6299.2	6177.3	6034.7	5865.4	5665.7	5438.8	5176.7
-17.5°	6549.3	6503.7	6436.2	6349.4	6241.4	6114.7	5965.8	5791.2	5590.1	5361.3	5097.4
-20°	6511.5	6452.5	6375.7	6282.6	6172.0	6043.7	5888.3	5707.2	5501.4	5265.9	4995.5

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REPORT NUMBER: P645460 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6452.5	6384.6	6303.7	6206.9	6089.3	5951.8	5792.5	5609.8	5403.1	5159.9	4882.1
-25°	6375.7	6303.7	6217.0	6112.0	5990.8	5850.6	5684.0	5494.7	5279.3	5033.8	4756.1
-27.5°	6282.6	6206.9	6112.0	6003.9	5877.7	5726.6	5556.9	5366.5	5144.9	4889.1	4609.8
-30°	6172.0	6089.3	5990.8	5877.7	5740.9	5588.5	5416.6	5213.4	4984.8	4730.7	4453.1
-32.5°	6043.7	5951.8	5850.6	5726.6	5588.5	5432.0	5248.1	5043.1	4809.8	4552.6	4272.7
-35°	5888.3	5792.5	5684.0	5556.9	5416.6	5248.1	5062.6	4847.9	4613.0	4359.7	4078.2
-37.5°	5707.2	5609.8	5494.7	5366.5	5213.4	5043.1	4847.9	4633.3	4403.5	4142.5	3859.2
-40°	5501.4	5403.1	5279.3	5144.9	4984.8	4809.8	4613.0	4403.5	4164.0	3906.0	3623.8
-42.5°	5265.9	5159.9	5033.8	4889.1	4730.7	4552.6	4359.7	4142.5	3906.0	3646.8	3354.6
-45°	4995.5	4882.1	4756.1	4609.8	4453.1	4272.7	4078.2	3859.2	3623.8	3354.6	3069.4
-47.5°	4691.4	4577.5	4452.3	4305.8	4144.3	3967.7	3766.4	3552.9	3303.5	3043.0	2762.3
-50°	4360.6	4244.0	4115.8	3972.3	3806.3	3629.2	3424.9	3202.0	2964.2	2710.3	2450.1
-52.5°	3995.7	3876.9	3745.8	3603.2	3433.8	3248.4	3050.9	2834.2	2607.2	2375.7	2137.3
-55°	3591.2	3470.5	3334.5	3186.1	3024.1	2845.0	2654.9	2457.0	2252.8	2039.6	1848.2
-57.5°	3134.5	3019.5	2889.2	2746.9	2593.3	2432.2	2262.5	2083.2	1914.4	1744.8	1575.0
-60°	2654.9	2547.5	2432.2	2306.4	2170.3	2026.0	1892.2	1750.7	1601.8	1480.5	1355.0
-62.5°	2181.8	2087.5	1990.5	1892.2	1785.8	1671.6	1560.8	1461.2	1356.3	1248.6	1152.9
-65°	1755.6	1682.6	1601.8	1532.6	1458.5	1378.9	1294.0	1213.2	1134.0	1051.0	967.0
-67.5°	1405.2	1355.0	1299.2	1241.8	1186.6	1127.2	1063.9	996.7	936.5	877.7	816.2
-70°	1117.9	1081.0	1040.0	995.1	952.8	911.4	867.1	820.2	770.6	726.9	685.4
-72.5°	880.0	854.6	826.5	795.7	762.2	732.7	703.4	672.2	639.3	604.6	570.2
-75°	690.8	674.4	656.1	636.1	614.4	591.0	568.0	544.6	519.8	493.8	466.5
-77.5°	537.8	525.8	512.4	497.8	481.9	464.8	446.5	426.7	405.1	382.4	358.6
-80°	395.5	385.5	374.4	362.2	348.9	334.6	319.3	303.0	285.8	268.5	251.2
-82.5°	250.7	243.9	236.4	228.1	219.1	209.4	198.9	187.9	176.2	163.8	150.9
-85°	122.2	119.0	115.6	111.8	107.7	103.2	98.5	93.4	88.1	82.4	76.5
-87.5°	33.8	33.3	32.6	31.9	31.2	30.4	29.5	28.6	27.6	26.5	25.5
-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: P645460 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-740-U-LAM-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°	24.3	23.1	21.9	20.6	19.3	18.0	16.6	15.2	13.8	12.3	10.8
85°	70.3	63.9	57.2	50.3	43.2	36.0	33.2	30.4	27.5	24.6	21.6
82.5°	137.4	126.7	116.7	106.3	95.6	84.7	73.4	62.0	50.2	38.3	32.4
80°	233.2	214.4	195.0	174.9	154.2	133.3	118.3	103.0	87.4	71.5	55.3
77.5°	333.8	307.9	281.2	255.7	229.8	203.2	176.0	148.2	124.2	104.4	84.3
75°	438.0	407.2	375.1	341.9	307.7	273.0	240.4	207.0	173.1	138.5	113.0
72.5°	536.9	502.4	466.6	429.5	389.7	348.8	306.9	265.3	225.8	185.6	144.7
70°	642.1	597.2	554.7	512.5	469.1	424.2	376.4	327.7	278.0	232.0	185.6
67.5°	752.6	702.0	649.7	595.8	545.6	495.6	444.5	390.3	334.6	278.0	225.8
65°	895.7	821.8	747.5	687.6	626.1	565.6	508.9	451.1	390.3	327.7	265.3
62.5°	1053.5	956.1	872.1	785.7	710.5	641.3	572.3	508.9	444.5	376.4	306.9
60°	1230.4	1117.9	1002.0	902.5	805.9	718.1	641.3	565.6	495.6	424.2	348.8
57.5°	1433.4	1287.2	1156.9	1027.8	912.7	805.9	710.5	626.1	545.6	469.1	389.7
55°	1650.5	1480.9	1318.6	1169.9	1027.8	902.5	785.7	687.6	595.8	512.5	429.5
52.5°	1910.9	1692.0	1496.8	1318.6	1156.9	1002.0	872.1	747.5	649.7	554.7	466.6
50°	2186.4	1931.8	1692.0	1480.9	1287.2	1117.9	956.1	821.8	702.0	597.2	502.4
47.5°	2475.0	2186.4	1910.9	1650.5	1433.4	1230.4	1053.5	895.7	752.6	642.1	536.9
45°	2762.3	2450.1	2137.3	1848.2	1575.0	1355.0	1152.9	967.0	816.2	685.4	570.2
42.5°	3043.0	2710.3	2375.7	2039.6	1744.8	1480.5	1248.6	1051.0	877.7	726.9	604.6
40°	3303.5	2964.2	2607.2	2252.8	1914.4	1601.8	1356.3	1134.0	936.5	770.6	639.3
37.5°	3552.9	3202.0	2834.2	2457.0	2083.2	1750.7	1461.2	1213.2	996.7	820.2	672.2
35°	3766.4	3424.9	3050.9	2654.9	2262.5	1892.2	1560.8	1294.0	1063.9	867.1	703.4
32.5°	3967.7	3629.2	3248.4	2845.0	2432.2	2026.0	1671.6	1378.9	1127.2	911.4	732.7
30°	4144.3	3806.3	3433.8	3024.1	2593.3	2170.3	1785.8	1458.5	1186.6	952.8	762.2
27.5°	4305.8	3972.3	3603.2	3186.1	2746.9	2306.4	1892.2	1532.6	1241.8	995.1	795.7
25°	4452.3	4115.8	3745.8	3334.5	2889.2	2432.2	1990.5	1601.8	1299.2	1040.0	826.5
22.5°	4577.5	4244.0	3876.9	3470.5	3019.5	2547.5	2087.5	1682.6	1355.0	1081.0	854.6
20°	4691.4	4360.6	3995.7	3591.2	3134.5	2654.9	2181.8	1755.6	1405.2	1117.9	880.0
17.5°	4792.3	4460.1	4093.5	3688.7	3235.1	2750.6	2265.7	1820.6	1449.9	1150.8	902.5
15°	4875.0	4542.7	4177.6	3774.0	3323.1	2834.2	2339.0	1877.2	1488.9	1179.4	922.1
12.5°	4945.8	4613.5	4249.4	3846.8	3398.2	2905.5	2401.5	1925.5	1522.1	1203.7	938.8
10°	5004.4	4671.9	4308.7	3906.9	3460.0	2964.2	2452.9	1965.2	1549.3	1223.7	952.5
7.5°	5050.3	4717.7	4355.2	3953.9	3508.4	3010.1	2493.0	1996.2	1570.6	1239.4	963.2
5°	5083.3	4750.6	4388.5	3987.6	3543.1	3043.0	2521.8	2018.4	1585.9	1250.5	970.9
2.5°	5103.2	4770.4	4408.6	4007.9	3563.9	3062.8	2539.1	2031.7	1595.0	1257.3	975.5
0°	5109.9	4777.0	4415.3	4014.7	3570.9	3069.4	2544.9	2036.2	1598.1	1259.5	977.0
-2.5°	5103.2	4770.4	4408.6	4007.9	3563.9	3062.8	2539.1	2031.7	1595.0	1257.3	975.5
-5°	5083.3	4750.6	4388.5	3987.6	3543.1	3043.0	2521.8	2018.4	1585.9	1250.5	970.9
-7.5°	5050.3	4717.7	4355.2	3953.9	3508.4	3010.1	2493.0	1996.2	1570.6	1239.4	963.2
-10°	5004.4	4671.9	4308.7	3906.9	3460.0	2964.2	2452.9	1965.2	1549.3	1223.7	952.5
-12.5°	4945.8	4613.5	4249.4	3846.8	3398.2	2905.5	2401.5	1925.5	1522.1	1203.7	938.8
-15°	4875.0	4542.7	4177.6	3774.0	3323.1	2834.2	2339.0	1877.2	1488.9	1179.4	922.1
-17.5°	4792.3	4460.1	4093.5	3688.7	3235.1	2750.6	2265.7	1820.6	1449.9	1150.8	902.5
-20°	4691.4	4360.6	3995.7	3591.2	3134.5	2654.9	2181.8	1755.6	1405.2	1117.9	880.0



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	4577.5	4244.0	3876.9	3470.5	3019.5	2547.5	2087.5	1682.6	1355.0	1081.0	854.6
-25°	4452.3	4115.8	3745.8	3334.5	2889.2	2432.2	1990.5	1601.8	1299.2	1040.0	826.5
-27.5°	4305.8	3972.3	3603.2	3186.1	2746.9	2306.4	1892.2	1532.6	1241.8	995.1	795.7
-30°	4144.3	3806.3	3433.8	3024.1	2593.3	2170.3	1785.8	1458.5	1186.6	952.8	762.2
-32.5°	3967.7	3629.2	3248.4	2845.0	2432.2	2026.0	1671.6	1378.9	1127.2	911.4	732.7
-35°	3766.4	3424.9	3050.9	2654.9	2262.5	1892.2	1560.8	1294.0	1063.9	867.1	703.4
-37.5°	3552.9	3202.0	2834.2	2457.0	2083.2	1750.7	1461.2	1213.2	996.7	820.2	672.2
-40°	3303.5	2964.2	2607.2	2252.8	1914.4	1601.8	1356.3	1134.0	936.5	770.6	639.3
-42.5°	3043.0	2710.3	2375.7	2039.6	1744.8	1480.5	1248.6	1051.0	877.7	726.9	604.6
-45°	2762.3	2450.1	2137.3	1848.2	1575.0	1355.0	1152.9	967.0	816.2	685.4	570.2
-47.5°	2475.0	2186.4	1910.9	1650.5	1433.4	1230.4	1053.5	895.7	752.6	642.1	536.9
-50°	2186.4	1931.8	1692.0	1480.9	1287.2	1117.9	956.1	821.8	702.0	597.2	502.4
-52.5°	1910.9	1692.0	1496.8	1318.6	1156.9	1002.0	872.1	747.5	649.7	554.7	466.6
-55°	1650.5	1480.9	1318.6	1169.9	1027.8	902.5	785.7	687.6	595.8	512.5	429.5
-57.5°	1433.4	1287.2	1156.9	1027.8	912.7	805.9	710.5	626.1	545.6	469.1	389.7
-60°	1230.4	1117.9	1002.0	902.5	805.9	718.1	641.3	565.6	495.6	424.2	348.8
-62.5°	1053.5	956.1	872.1	785.7	710.5	641.3	572.3	508.9	444.5	376.4	306.9
-65°	895.7	821.8	747.5	687.6	626.1	565.6	508.9	451.1	390.3	327.7	265.3
-67.5°	752.6	702.0	649.7	595.8	545.6	495.6	444.5	390.3	334.6	278.0	225.8
-70°	642.1	597.2	554.7	512.5	469.1	424.2	376.4	327.7	278.0	232.0	185.6
-72.5°	536.9	502.4	466.6	429.5	389.7	348.8	306.9	265.3	225.8	185.6	144.7
-75°	438.0	407.2	375.1	341.9	307.7	273.0	240.4	207.0	173.1	138.5	113.0
-77.5°	333.8	307.9	281.2	255.7	229.8	203.2	176.0	148.2	124.2	104.4	84.3
-80°	233.2	214.4	195.0	174.9	154.2	133.3	118.3	103.0	87.4	71.5	55.3
-82.5°	137.4	126.7	116.7	106.3	95.6	84.7	73.4	62.0	50.2	38.3	32.4
-85°	70.3	63.9	57.2	50.3	43.2	36.0	33.2	30.4	27.5	24.6	21.6
-87.5°	24.3	23.1	21.9	20.6	19.3	18.0	16.6	15.2	13.8	12.3	10.8
-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: P645460 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.3	7.8	6.2	4.7	3.1	1.6	0.0
85°	18.6	15.6	12.5	9.4	6.3	3.1	0.0
82.5°	27.9	23.3	18.7	14.1	9.4	4.7	0.0
80°	39.0	31.0	24.9	18.7	12.5	6.2	0.0
77.5°	63.9	43.3	31.0	23.3	15.6	7.8	0.0
75°	88.6	63.9	39.0	27.9	18.6	9.3	0.0
72.5°	113.0	84.3	55.3	32.4	21.6	10.8	0.0
70°	138.5	104.4	71.5	38.3	24.6	12.3	0.0
67.5°	173.1	124.2	87.4	50.2	27.5	13.8	0.0
65°	207.0	148.2	103.0	62.0	30.4	15.2	0.0
62.5°	240.4	176.0	118.3	73.4	33.2	16.6	0.0
60°	273.0	203.2	133.3	84.7	36.0	18.0	0.0
57.5°	307.7	229.8	154.2	95.6	43.2	19.3	0.0
55°	341.9	255.7	174.9	106.3	50.3	20.6	0.0
52.5°	375.1	281.2	195.0	116.7	57.2	21.9	0.0
50°	407.2	307.9	214.4	126.7	63.9	23.1	0.0
47.5°	438.0	333.8	233.2	137.4	70.3	24.3	0.0
45°	466.5	358.6	251.2	150.9	76.5	25.5	0.0
42.5°	493.8	382.4	268.5	163.8	82.4	26.5	0.0
40°	519.8	405.1	285.8	176.2	88.1	27.6	0.0
37.5°	544.6	426.7	303.0	187.9	93.4	28.6	0.0
35°	568.0	446.5	319.3	198.9	98.5	29.5	0.0
32.5°	591.0	464.8	334.6	209.4	103.2	30.4	0.0
30°	614.4	481.9	348.9	219.1	107.7	31.2	0.0
27.5°	636.1	497.8	362.2	228.1	111.8	31.9	0.0
25°	656.1	512.4	374.4	236.4	115.6	32.6	0.0
22.5°	674.4	525.8	385.5	243.9	119.0	33.3	0.0
20°	690.8	537.8	395.5	250.7	122.2	33.8	0.0
17.5°	705.4	548.4	404.4	256.8	124.9	34.3	0.0
15°	718.1	557.7	412.2	262.0	127.3	34.8	0.0
12.5°	729.0	565.6	418.8	266.5	129.3	35.1	0.0
10°	737.8	572.0	424.2	270.2	131.0	35.5	0.0
7.5°	744.8	577.1	428.4	273.0	132.3	35.7	0.0
5°	749.7	580.7	431.4	275.1	133.3	35.9	0.0
2.5°	752.7	582.9	433.2	276.3	133.8	36.0	0.0
0°	753.7	583.6	433.8	276.7	134.0	36.0	0.0
-2.5°	752.7	582.9	433.2	276.3	133.8	36.0	0.0
-5°	749.7	580.7	431.4	275.1	133.3	35.9	0.0
-7.5°	744.8	577.1	428.4	273.0	132.3	35.7	0.0
-10°	737.8	572.0	424.2	270.2	131.0	35.5	0.0
-12.5°	729.0	565.6	418.8	266.5	129.3	35.1	0.0
-15°	718.1	557.7	412.2	262.0	127.3	34.8	0.0
-17.5°	705.4	548.4	404.4	256.8	124.9	34.3	0.0
-20°	690.8	537.8	395.5	250.7	122.2	33.8	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645460 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	674.4	525.8	385.5	243.9	119.0	33.3	0.0
-25°	656.1	512.4	374.4	236.4	115.6	32.6	0.0
-27.5°	636.1	497.8	362.2	228.1	111.8	31.9	0.0
-30°	614.4	481.9	348.9	219.1	107.7	31.2	0.0
-32.5°	591.0	464.8	334.6	209.4	103.2	30.4	0.0
-35°	568.0	446.5	319.3	198.9	98.5	29.5	0.0
-37.5°	544.6	426.7	303.0	187.9	93.4	28.6	0.0
-40°	519.8	405.1	285.8	176.2	88.1	27.6	0.0
-42.5°	493.8	382.4	268.5	163.8	82.4	26.5	0.0
-45°	466.5	358.6	251.2	150.9	76.5	25.5	0.0
-47.5°	438.0	333.8	233.2	137.4	70.3	24.3	0.0
-50°	407.2	307.9	214.4	126.7	63.9	23.1	0.0
-52.5°	375.1	281.2	195.0	116.7	57.2	21.9	0.0
-55°	341.9	255.7	174.9	106.3	50.3	20.6	0.0
-57.5°	307.7	229.8	154.2	95.6	43.2	19.3	0.0
-60°	273.0	203.2	133.3	84.7	36.0	18.0	0.0
-62.5°	240.4	176.0	118.3	73.4	33.2	16.6	0.0
-65°	207.0	148.2	103.0	62.0	30.4	15.2	0.0
-67.5°	173.1	124.2	87.4	50.2	27.5	13.8	0.0
-70°	138.5	104.4	71.5	38.3	24.6	12.3	0.0
-72.5°	113.0	84.3	55.3	32.4	21.6	10.8	0.0
-75°	88.6	63.9	39.0	27.9	18.6	9.3	0.0
-77.5°	63.9	43.3	31.0	23.3	15.6	7.8	0.0
-80°	39.0	31.0	24.9	18.7	12.5	6.2	0.0
-82.5°	27.9	23.3	18.7	14.1	9.4	4.7	0.0
-85°	18.6	15.6	12.5	9.4	6.3	3.1	0.0
-87.5°	9.3	7.8	6.2	4.7	3.1	1.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)