

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: P645388 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2D-740-U-LAM-XX

Issue Date: 2/28/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P645388 (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-SA2D-740-U-LAM-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, LAMBERTIAN  
Light Source: (32) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

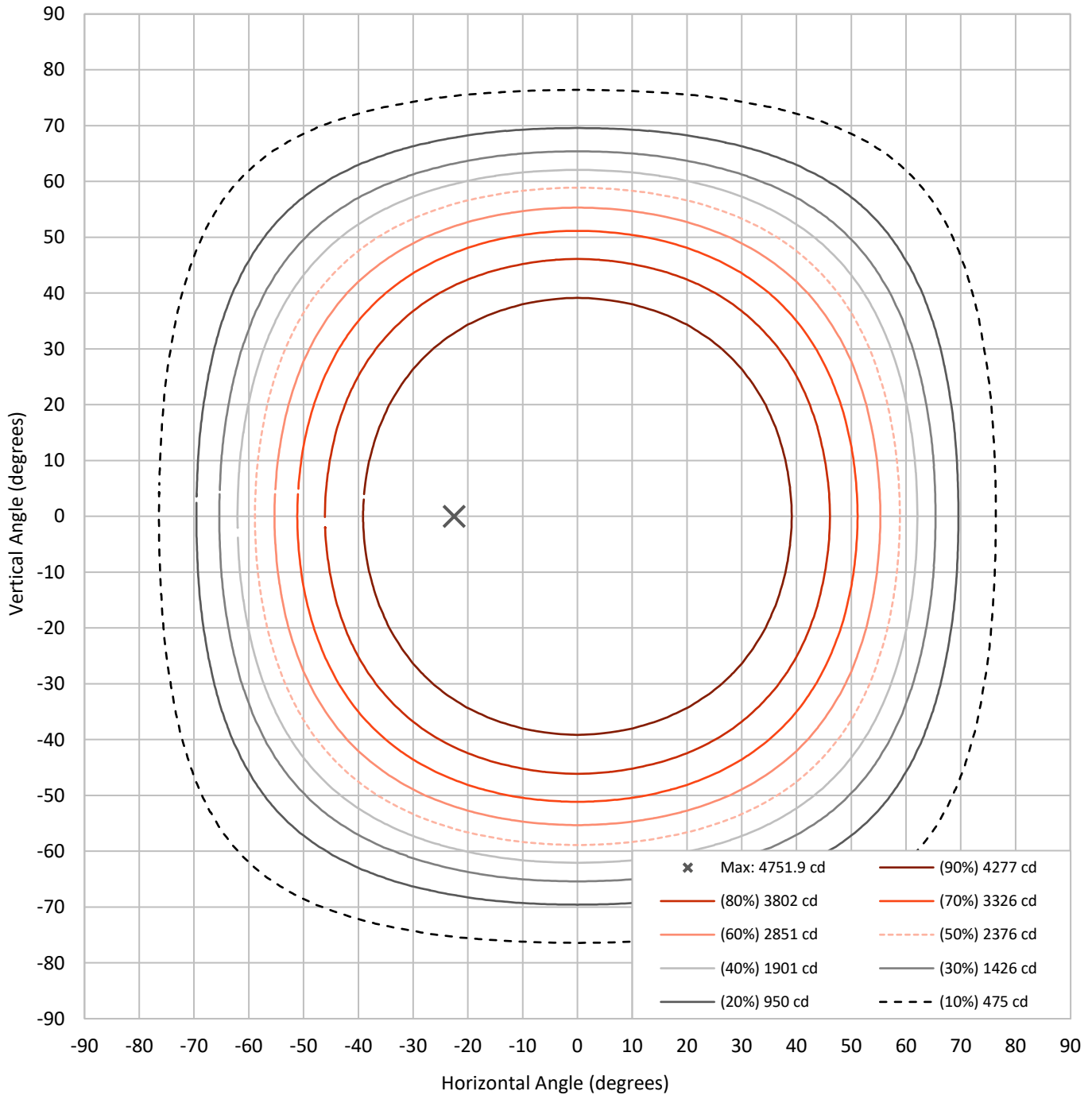
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	14536.4 lumens	Max Intensity:	4751.9 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	133.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	117.8°H x 112°V	Field Angle (10%):	152.8°H x 150.5°V
Beam Lumens:	12097.5 lumens	Field Lumens:	14250.5 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
Input Watts (W):	108.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



REPORT NUMBER: P645388 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2D-740-U-LAM-XX

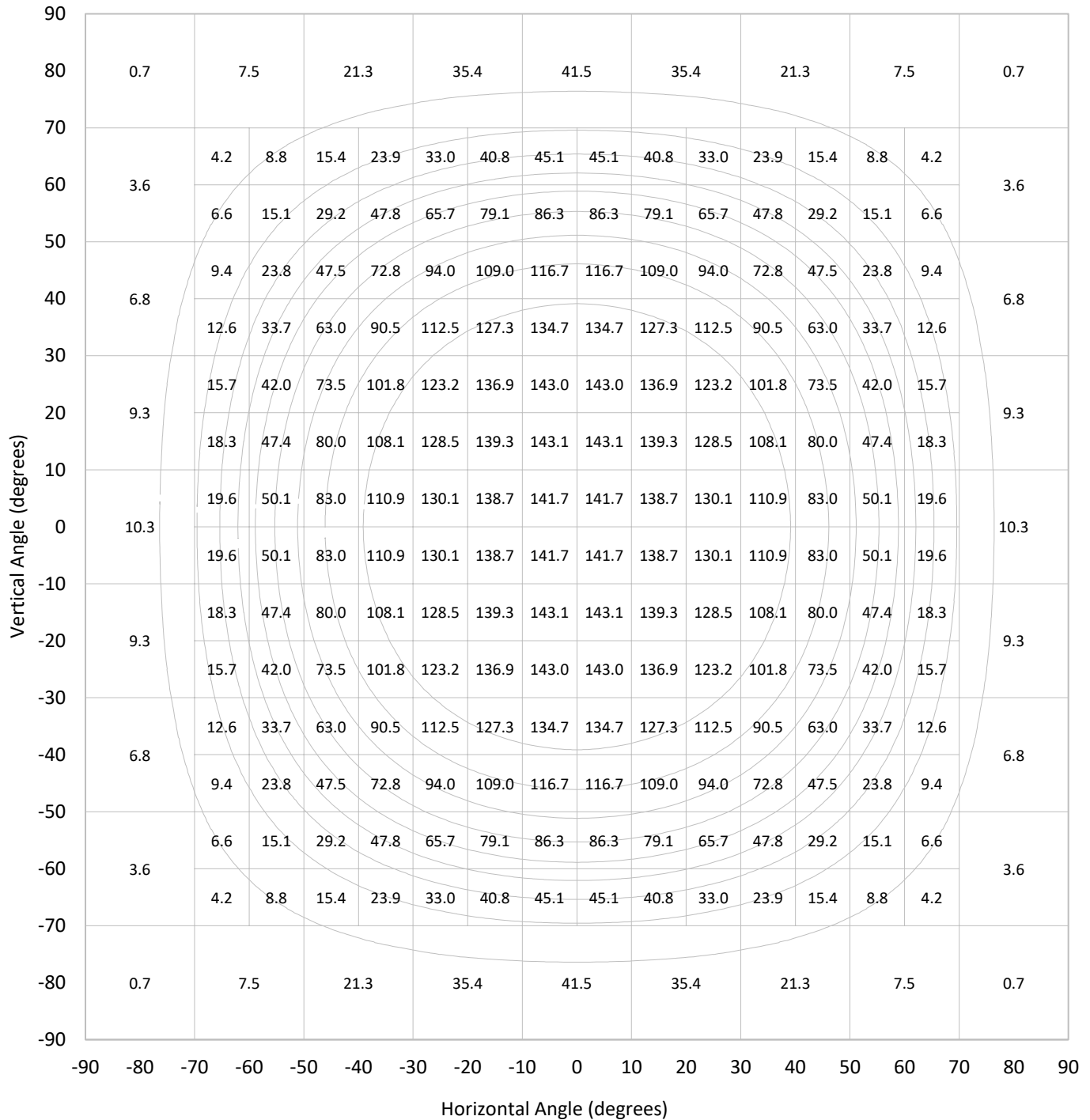
### Iso-Candela Plot





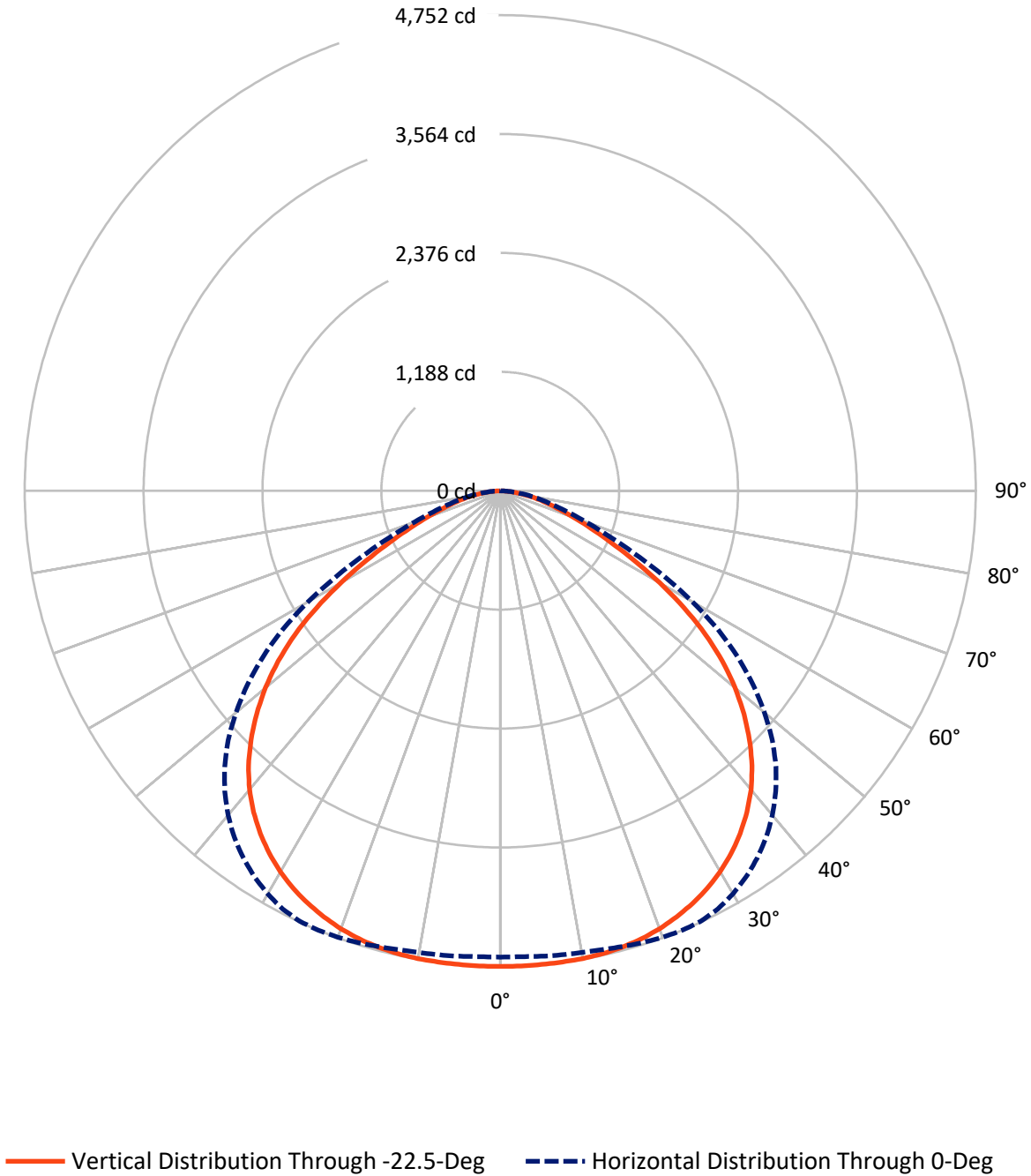
REPORT NUMBER: P645388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-740-U-LAM-XX

### Lumen Table



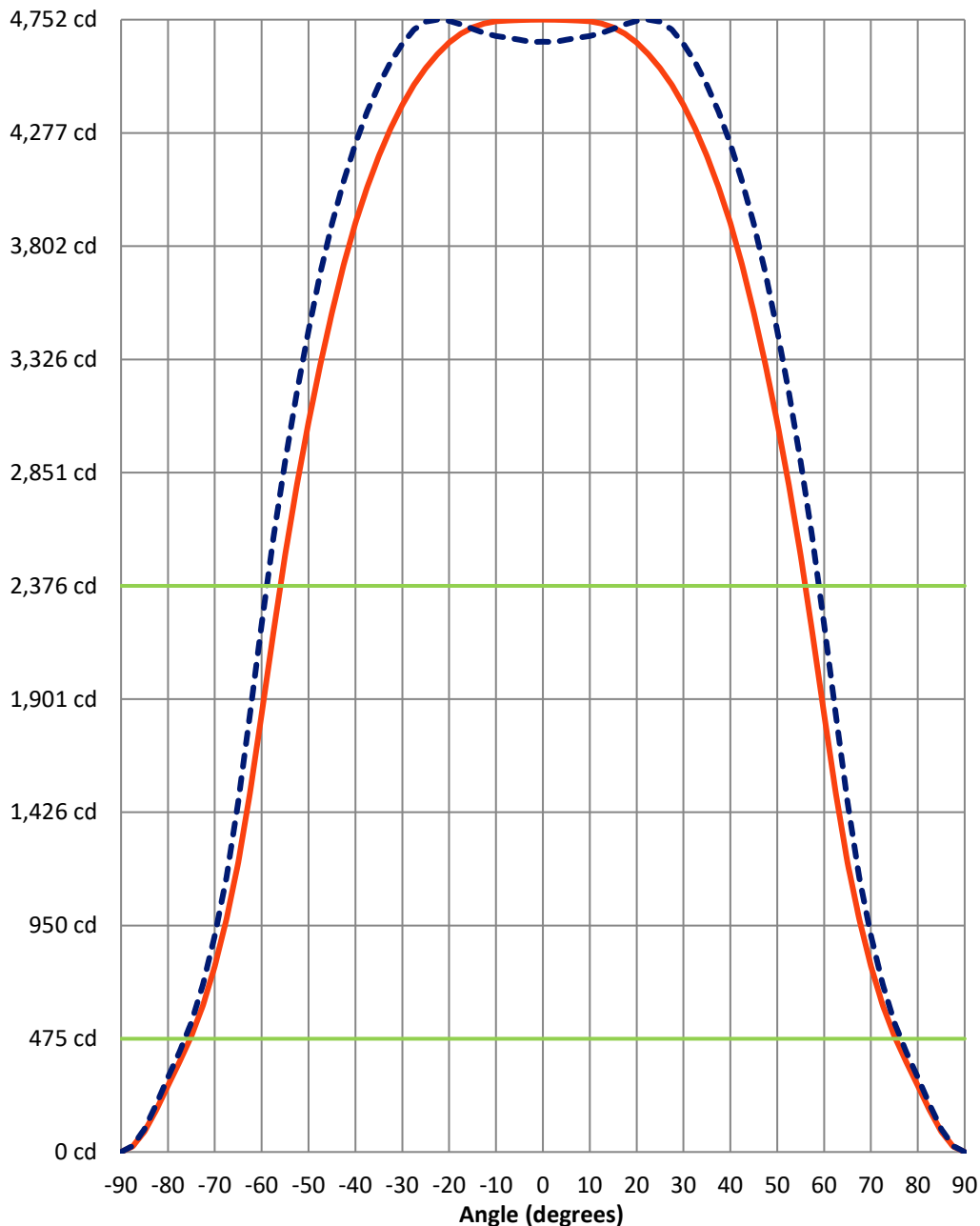
REPORT NUMBER: P645388 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2D-740-U-LAM-XX

### Luminous Intensity Polar Plot



REPORT NUMBER: P645388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-740-U-LAM-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 117.8°  
 V Angle: 112°  
 Lumens: 12097.5  
 Efficiency: 83.2%

**Field:**  
 H Angle: 152.8°  
 V Angle: 150.5°  
 Lumens: 14250.5  
 Efficiency: 98.0%

**Spill:**  
 Lumens: 285.9  
 Efficiency: 2.0%

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

Classified

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

Scaled Data Report



REPORT NUMBER: P645388 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2D-740-U-LAM-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	1.1	2.3	3.4	4.5	5.6	6.7	7.8	8.9	9.9	11.0
85°	0.0	2.3	4.5	6.8	9.0	11.2	13.4	15.6	17.8	19.9	22.0
82.5°	0.0	3.4	6.8	10.2	13.5	16.8	20.1	23.4	27.7	36.3	44.7
80°	0.0	4.5	9.0	13.5	18.0	22.4	28.1	39.9	51.6	63.1	74.3
77.5°	0.0	5.6	11.2	16.8	22.4	31.2	46.1	60.8	75.4	89.7	106.9
75°	0.0	6.7	13.4	20.1	28.1	46.1	63.9	81.5	99.9	124.9	149.4
72.5°	0.0	7.8	15.6	23.4	39.9	60.8	81.5	104.4	133.9	162.9	191.4
70°	0.0	8.9	17.8	27.7	51.6	75.4	99.9	133.9	167.4	200.5	236.4
67.5°	0.0	9.9	19.9	36.3	63.1	89.7	124.9	162.9	200.5	241.4	281.6
65°	0.0	11.0	22.0	44.7	74.3	106.9	149.4	191.4	236.4	281.6	325.5
62.5°	0.0	12.0	24.0	53.0	85.4	127.0	173.4	221.4	271.6	320.7	367.2
60°	0.0	13.0	26.0	61.1	96.2	146.6	196.9	251.6	306.0	357.6	408.1
57.5°	0.0	14.0	31.2	69.0	111.3	165.8	222.0	281.2	338.5	393.7	451.8
55°	0.0	14.9	36.3	76.7	126.2	184.4	246.7	309.9	369.8	429.9	496.1
52.5°	0.0	15.8	41.3	84.2	140.7	202.8	270.6	336.7	400.2	468.8	539.3
50°	0.0	16.7	46.1	91.4	154.7	222.2	293.8	362.5	430.9	506.5	593.0
47.5°	0.0	17.6	50.8	99.1	168.2	240.8	316.0	387.4	463.3	543.0	646.3
45°	0.0	18.4	55.2	108.9	181.2	258.7	336.6	411.4	494.5	588.9	697.8
42.5°	0.0	19.2	59.5	118.2	193.7	275.9	356.3	436.3	524.4	633.3	758.4
40°	0.0	19.9	63.6	127.1	206.1	292.3	375.1	461.2	556.0	675.8	818.3
37.5°	0.0	20.6	67.4	135.5	218.6	307.9	393.0	485.0	591.8	719.2	875.4
35°	0.0	21.3	71.1	143.5	230.3	322.2	409.9	507.5	625.7	767.7	933.7
32.5°	0.0	21.9	74.5	151.0	241.4	335.4	426.4	528.7	657.6	813.4	994.9
30°	0.0	22.5	77.7	158.1	251.7	347.7	443.3	549.9	687.6	856.2	1052.4
27.5°	0.0	23.1	80.7	164.6	261.3	359.2	459.0	574.1	718.1	896.0	1105.8
25°	0.0	23.6	83.4	170.5	270.1	369.8	473.4	596.4	750.5	937.5	1155.8
22.5°	0.0	24.0	85.9	176.0	278.2	379.4	486.6	616.7	780.0	977.7	1214.1
20°	0.0	24.4	88.2	180.9	285.4	388.0	498.5	635.0	806.7	1013.9	1266.8
17.5°	0.0	24.8	90.1	185.2	291.8	395.7	509.0	651.2	830.4	1046.2	1313.6
15°	0.0	25.1	91.9	189.0	297.4	402.4	518.2	665.4	851.0	1074.3	1354.5
12.5°	0.0	25.4	93.3	192.2	302.1	408.1	526.0	677.4	868.6	1098.2	1389.3
10°	0.0	25.6	94.5	194.9	306.0	412.8	532.4	687.3	883.0	1117.9	1418.0
7.5°	0.0	25.8	95.5	196.9	309.1	416.4	537.4	695.0	894.3	1133.3	1440.3
5°	0.0	25.9	96.2	198.4	311.3	419.0	540.9	700.6	902.3	1144.3	1456.4
2.5°	0.0	26.0	96.6	199.3	312.6	420.6	543.1	703.9	907.2	1150.9	1466.0
0°	0.0	26.0	96.7	199.6	313.0	421.1	543.8	705.0	908.8	1153.1	1469.2
-2.5°	0.0	26.0	96.6	199.3	312.6	420.6	543.1	703.9	907.2	1150.9	1466.0
-5°	0.0	25.9	96.2	198.4	311.3	419.0	540.9	700.6	902.3	1144.3	1456.4
-7.5°	0.0	25.8	95.5	196.9	309.1	416.4	537.4	695.0	894.3	1133.3	1440.3
-10°	0.0	25.6	94.5	194.9	306.0	412.8	532.4	687.3	883.0	1117.9	1418.0
-12.5°	0.0	25.4	93.3	192.2	302.1	408.1	526.0	677.4	868.6	1098.2	1389.3
-15°	0.0	25.1	91.9	189.0	297.4	402.4	518.2	665.4	851.0	1074.3	1354.5
-17.5°	0.0	24.8	90.1	185.2	291.8	395.7	509.0	651.2	830.4	1046.2	1313.6
-20°	0.0	24.4	88.2	180.9	285.4	388.0	498.5	635.0	806.7	1013.9	1266.8



REPORT NUMBER: P645388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-740-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	24.0	85.9	176.0	278.2	379.4	486.6	616.7	780.0	977.7	1214.1
-25°	0.0	23.6	83.4	170.5	270.1	369.8	473.4	596.4	750.5	937.5	1155.8
-27.5°	0.0	23.1	80.7	164.6	261.3	359.2	459.0	574.1	718.1	896.0	1105.8
-30°	0.0	22.5	77.7	158.1	251.7	347.7	443.3	549.9	687.6	856.2	1052.4
-32.5°	0.0	21.9	74.5	151.0	241.4	335.4	426.4	528.7	657.6	813.4	994.9
-35°	0.0	21.3	71.1	143.5	230.3	322.2	409.9	507.5	625.7	767.7	933.7
-37.5°	0.0	20.6	67.4	135.5	218.6	307.9	393.0	485.0	591.8	719.2	875.4
-40°	0.0	19.9	63.6	127.1	206.1	292.3	375.1	461.2	556.0	675.8	818.3
-42.5°	0.0	19.2	59.5	118.2	193.7	275.9	356.3	436.3	524.4	633.3	758.4
-45°	0.0	18.4	55.2	108.9	181.2	258.7	336.6	411.4	494.5	588.9	697.8
-47.5°	0.0	17.6	50.8	99.1	168.2	240.8	316.0	387.4	463.3	543.0	646.3
-50°	0.0	16.7	46.1	91.4	154.7	222.2	293.8	362.5	430.9	506.5	593.0
-52.5°	0.0	15.8	41.3	84.2	140.7	202.8	270.6	336.7	400.2	468.8	539.3
-55°	0.0	14.9	36.3	76.7	126.2	184.4	246.7	309.9	369.8	429.9	496.1
-57.5°	0.0	14.0	31.2	69.0	111.3	165.8	222.0	281.2	338.5	393.7	451.8
-60°	0.0	13.0	26.0	61.1	96.2	146.6	196.9	251.6	306.0	357.6	408.1
-62.5°	0.0	12.0	24.0	53.0	85.4	127.0	173.4	221.4	271.6	320.7	367.2
-65°	0.0	11.0	22.0	44.7	74.3	106.9	149.4	191.4	236.4	281.6	325.5
-67.5°	0.0	9.9	19.9	36.3	63.1	89.7	124.9	162.9	200.5	241.4	281.6
-70°	0.0	8.9	17.8	27.7	51.6	75.4	99.9	133.9	167.4	200.5	236.4
-72.5°	0.0	7.8	15.6	23.4	39.9	60.8	81.5	104.4	133.9	162.9	191.4
-75°	0.0	6.7	13.4	20.1	28.1	46.1	63.9	81.5	99.9	124.9	149.4
-77.5°	0.0	5.6	11.2	16.8	22.4	31.2	46.1	60.8	75.4	89.7	106.9
-80°	0.0	4.5	9.0	13.5	18.0	22.4	28.1	39.9	51.6	63.1	74.3
-82.5°	0.0	3.4	6.8	10.2	13.5	16.8	20.1	23.4	27.7	36.3	44.7
-85°	0.0	2.3	4.5	6.8	9.0	11.2	13.4	15.6	17.8	19.9	22.0
-87.5°	0.0	1.1	2.3	3.4	4.5	5.6	6.7	7.8	8.9	9.9	11.0
-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: P645388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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°	12.0	13.0	14.0	14.9	15.8	16.7	17.6	18.4	19.2	19.9	20.6
85°	24.0	26.0	31.2	36.3	41.3	46.1	50.8	55.2	59.5	63.6	67.4
82.5°	53.0	61.1	69.0	76.7	84.2	91.4	99.1	108.9	118.2	127.1	135.5
80°	85.4	96.2	111.3	126.2	140.7	154.7	168.2	181.2	193.7	206.1	218.6
77.5°	127.0	146.6	165.8	184.4	202.8	222.2	240.8	258.7	275.9	292.3	307.9
75°	173.4	196.9	222.0	246.7	270.6	293.8	316.0	336.6	356.3	375.1	393.0
72.5°	221.4	251.6	281.2	309.9	336.7	362.5	387.4	411.4	436.3	461.2	485.0
70°	271.6	306.0	338.5	369.8	400.2	430.9	463.3	494.5	524.4	556.0	591.8
67.5°	320.7	357.6	393.7	429.9	468.8	506.5	543.0	588.9	633.3	675.8	719.2
65°	367.2	408.1	451.8	496.1	539.3	593.0	646.3	697.8	758.4	818.3	875.4
62.5°	412.9	462.7	512.6	566.9	629.3	689.9	760.2	831.9	900.9	978.7	1054.3
60°	462.7	518.2	581.5	651.2	723.0	806.7	887.8	977.7	1068.2	1155.8	1263.2
57.5°	512.6	581.5	658.5	741.7	834.8	928.8	1034.3	1136.4	1258.9	1381.3	1503.1
55°	566.9	651.2	741.7	844.2	951.5	1068.5	1190.9	1333.6	1471.7	1625.5	1772.9
52.5°	629.3	723.0	834.8	951.5	1080.0	1220.8	1378.8	1542.1	1714.2	1881.2	2045.1
50°	689.9	806.7	928.8	1068.5	1220.8	1393.9	1577.6	1767.9	1955.7	2138.9	2310.5
47.5°	760.2	887.8	1034.3	1190.9	1378.8	1577.6	1785.9	1993.2	2195.8	2383.7	2563.6
45°	831.9	977.7	1136.4	1333.6	1542.1	1767.9	1993.2	2214.8	2420.6	2614.7	2784.7
42.5°	900.9	1068.2	1258.9	1471.7	1714.2	1955.7	2195.8	2420.6	2631.4	2818.4	2989.1
40°	978.7	1155.8	1381.3	1625.5	1881.2	2138.9	2383.7	2614.7	2818.4	3004.7	3177.5
37.5°	1054.3	1263.2	1503.1	1772.9	2045.1	2310.5	2563.6	2784.7	2989.1	3177.5	3343.3
35°	1126.2	1365.3	1632.5	1915.7	2201.5	2471.2	2717.7	2942.7	3145.8	3328.7	3498.1
32.5°	1206.1	1461.8	1755.0	2052.9	2343.9	2618.6	2863.0	3083.1	3285.0	3470.7	3639.0
30°	1288.5	1566.0	1871.2	2182.1	2477.7	2746.5	2990.4	3213.3	3413.6	3597.0	3761.9
27.5°	1365.3	1664.2	1982.1	2299.0	2599.9	2866.3	3107.0	3326.4	3527.9	3712.5	3872.3
25°	1436.2	1755.0	2084.7	2406.0	2702.9	2969.9	3212.7	3431.9	3632.3	3809.4	3964.8
22.5°	1506.2	1838.2	2178.8	2504.2	2797.4	3062.4	3303.0	3522.9	3723.3	3898.7	4047.9
20°	1574.3	1915.7	2261.8	2591.3	2883.2	3146.5	3385.3	3604.7	3799.7	3969.7	4118.1
17.5°	1634.8	1984.7	2334.3	2661.6	2953.8	3218.3	3458.0	3678.2	3868.5	4033.6	4178.8
15°	1687.7	2045.1	2397.8	2723.2	3014.4	3278.0	3517.7	3735.4	3924.5	4088.2	4232.3
12.5°	1732.8	2096.5	2452.0	2775.8	3066.3	3329.0	3568.8	3783.5	3969.4	4131.0	4272.0
10°	1769.9	2138.9	2496.6	2819.1	3109.1	3371.1	3611.0	3823.3	4006.6	4166.5	4305.0
7.5°	1798.9	2172.0	2531.5	2853.0	3142.6	3404.2	3644.2	3854.5	4035.9	4194.5	4331.1
5°	1819.6	2195.8	2556.5	2877.4	3166.7	3427.9	3668.0	3877.0	4057.0	4214.7	4349.9
2.5°	1832.1	2210.0	2571.6	2892.0	3181.2	3442.2	3682.4	3890.6	4069.7	4226.9	4361.3
0°	1836.3	2214.8	2576.6	2896.9	3186.0	3447.0	3687.2	3895.1	4074.0	4231.0	4365.1
-2.5°	1832.1	2210.0	2571.6	2892.0	3181.2	3442.2	3682.4	3890.6	4069.7	4226.9	4361.3
-5°	1819.6	2195.8	2556.5	2877.4	3166.7	3427.9	3668.0	3877.0	4057.0	4214.7	4349.9
-7.5°	1798.9	2172.0	2531.5	2853.0	3142.6	3404.2	3644.2	3854.5	4035.9	4194.5	4331.1
-10°	1769.9	2138.9	2496.6	2819.1	3109.1	3371.1	3611.0	3823.3	4006.6	4166.5	4305.0
-12.5°	1732.8	2096.5	2452.0	2775.8	3066.3	3329.0	3568.8	3783.5	3969.4	4131.0	4272.0
-15°	1687.7	2045.1	2397.8	2723.2	3014.4	3278.0	3517.7	3735.4	3924.5	4088.2	4232.3
-17.5°	1634.8	1984.7	2334.3	2661.6	2953.8	3218.3	3458.0	3678.2	3868.5	4033.6	4178.8
-20°	1574.3	1915.7	2261.8	2591.3	2883.2	3146.5	3385.3	3604.7	3799.7	3969.7	4118.1



REPORT NUMBER: P645388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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°	1506.2	1838.2	2178.8	2504.2	2797.4	3062.4	3303.0	3522.9	3723.3	3898.7	4047.9
-25°	1436.2	1755.0	2084.7	2406.0	2702.9	2969.9	3212.7	3431.9	3632.3	3809.4	3964.8
-27.5°	1365.3	1664.2	1982.1	2299.0	2599.9	2866.3	3107.0	3326.4	3527.9	3712.5	3872.3
-30°	1288.5	1566.0	1871.2	2182.1	2477.7	2746.5	2990.4	3213.3	3413.6	3597.0	3761.9
-32.5°	1206.1	1461.8	1755.0	2052.9	2343.9	2618.6	2863.0	3083.1	3285.0	3470.7	3639.0
-35°	1126.2	1365.3	1632.5	1915.7	2201.5	2471.2	2717.7	2942.7	3145.8	3328.7	3498.1
-37.5°	1054.3	1263.2	1503.1	1772.9	2045.1	2310.5	2563.6	2784.7	2989.1	3177.5	3343.3
-40°	978.7	1155.8	1381.3	1625.5	1881.2	2138.9	2383.7	2614.7	2818.4	3004.7	3177.5
-42.5°	900.9	1068.2	1258.9	1471.7	1714.2	1955.7	2195.8	2420.6	2631.4	2818.4	2989.1
-45°	831.9	977.7	1136.4	1333.6	1542.1	1767.9	1993.2	2214.8	2420.6	2614.7	2784.7
-47.5°	760.2	887.8	1034.3	1190.9	1378.8	1577.6	1785.9	1993.2	2195.8	2383.7	2563.6
-50°	689.9	806.7	928.8	1068.5	1220.8	1393.9	1577.6	1767.9	1955.7	2138.9	2310.5
-52.5°	629.3	723.0	834.8	951.5	1080.0	1220.8	1378.8	1542.1	1714.2	1881.2	2045.1
-55°	566.9	651.2	741.7	844.2	951.5	1068.5	1190.9	1333.6	1471.7	1625.5	1772.9
-57.5°	512.6	581.5	658.5	741.7	834.8	928.8	1034.3	1136.4	1258.9	1381.3	1503.1
-60°	462.7	518.2	581.5	651.2	723.0	806.7	887.8	977.7	1068.2	1155.8	1263.2
-62.5°	412.9	462.7	512.6	566.9	629.3	689.9	760.2	831.9	900.9	978.7	1054.3
-65°	367.2	408.1	451.8	496.1	539.3	593.0	646.3	697.8	758.4	818.3	875.4
-67.5°	320.7	357.6	393.7	429.9	468.8	506.5	543.0	588.9	633.3	675.8	719.2
-70°	271.6	306.0	338.5	369.8	400.2	430.9	463.3	494.5	524.4	556.0	591.8
-72.5°	221.4	251.6	281.2	309.9	336.7	362.5	387.4	411.4	436.3	461.2	485.0
-75°	173.4	196.9	222.0	246.7	270.6	293.8	316.0	336.6	356.3	375.1	393.0
-77.5°	127.0	146.6	165.8	184.4	202.8	222.2	240.8	258.7	275.9	292.3	307.9
-80°	85.4	96.2	111.3	126.2	140.7	154.7	168.2	181.2	193.7	206.1	218.6
-82.5°	53.0	61.1	69.0	76.7	84.2	91.4	99.1	108.9	118.2	127.1	135.5
-85°	24.0	26.0	31.2	36.3	41.3	46.1	50.8	55.2	59.5	63.6	67.4
-87.5°	12.0	13.0	14.0	14.9	15.8	16.7	17.6	18.4	19.2	19.9	20.6
-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: P645388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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°	21.3	21.9	22.5	23.1	23.6	24.0	24.4	24.8	25.1	25.4	25.6
85°	71.1	74.5	77.7	80.7	83.4	85.9	88.2	90.1	91.9	93.3	94.5
82.5°	143.5	151.0	158.1	164.6	170.5	176.0	180.9	185.2	189.0	192.2	194.9
80°	230.3	241.4	251.7	261.3	270.1	278.2	285.4	291.8	297.4	302.1	306.0
77.5°	322.2	335.4	347.7	359.2	369.8	379.4	388.0	395.7	402.4	408.1	412.8
75°	409.9	426.4	443.3	459.0	473.4	486.6	498.5	509.0	518.2	526.0	532.4
72.5°	507.5	528.7	549.9	574.1	596.4	616.7	635.0	651.2	665.4	677.4	687.3
70°	625.7	657.6	687.6	718.1	750.5	780.0	806.7	830.4	851.0	868.6	883.0
67.5°	767.7	813.4	856.2	896.0	937.5	977.7	1013.9	1046.2	1074.3	1098.2	1117.9
65°	933.7	994.9	1052.4	1105.8	1155.8	1214.1	1266.8	1313.6	1354.5	1389.3	1418.0
62.5°	1126.2	1206.1	1288.5	1365.3	1436.2	1506.2	1574.3	1634.8	1687.7	1732.8	1769.9
60°	1365.3	1461.8	1566.0	1664.2	1755.0	1838.2	1915.7	1984.7	2045.1	2096.5	2138.9
57.5°	1632.5	1755.0	1871.2	1982.1	2084.7	2178.8	2261.8	2334.3	2397.8	2452.0	2496.6
55°	1915.7	2052.9	2182.1	2299.0	2406.0	2504.2	2591.3	2661.6	2723.2	2775.8	2819.1
52.5°	2201.5	2343.9	2477.7	2599.9	2702.9	2797.4	2883.2	2953.8	3014.4	3066.3	3109.1
50°	2471.2	2618.6	2746.5	2866.3	2969.9	3062.4	3146.5	3218.3	3278.0	3329.0	3371.1
47.5°	2717.7	2863.0	2990.4	3107.0	3212.7	3303.0	3385.3	3458.0	3517.7	3568.8	3611.0
45°	2942.7	3083.1	3213.3	3326.4	3431.9	3522.9	3604.7	3678.2	3735.4	3783.5	3823.3
42.5°	3145.8	3285.0	3413.6	3527.9	3632.3	3723.3	3799.7	3868.5	3924.5	3969.4	4006.6
40°	3328.7	3470.7	3597.0	3712.5	3809.4	3898.7	3969.7	4033.6	4088.2	4131.0	4166.5
37.5°	3498.1	3639.0	3761.9	3872.3	3964.8	4047.9	4118.1	4178.8	4232.3	4272.0	4305.0
35°	3653.1	3786.9	3908.5	4009.7	4101.4	4179.7	4248.8	4304.7	4354.5	4392.3	4422.4
32.5°	3786.9	3919.5	4032.5	4132.1	4221.7	4294.7	4360.9	4412.2	4457.3	4493.7	4521.7
30°	3908.5	4032.5	4142.5	4241.2	4322.7	4393.8	4453.5	4503.6	4545.3	4580.0	4604.6
27.5°	4009.7	4132.1	4241.2	4332.2	4410.2	4478.7	4533.4	4581.5	4617.9	4649.9	4671.0
25°	4101.4	4221.7	4322.7	4410.2	4486.0	4548.5	4600.5	4644.2	4676.4	4703.8	4719.5
22.5°	4179.7	4294.7	4393.8	4478.7	4548.5	4606.9	4655.9	4692.9	4719.3	4735.9	4745.2
20°	4248.8	4360.9	4453.5	4533.4	4600.5	4655.9	4698.5	4725.8	4744.2	4748.8	4751.4
17.5°	4304.7	4412.2	4503.6	4581.5	4644.2	4692.9	4725.8	4745.1	4750.6	4749.6	4746.9
15°	4354.5	4457.3	4545.3	4617.9	4676.4	4719.3	4744.2	4750.6	4749.0	4743.4	4734.9
12.5°	4392.3	4493.7	4580.0	4649.9	4703.8	4735.9	4748.8	4749.6	4743.4	4732.8	4720.7
10°	4422.4	4521.7	4604.6	4671.0	4719.5	4745.2	4751.4	4746.9	4734.9	4720.7	4707.2
7.5°	4446.2	4543.9	4624.2	4687.9	4729.9	4748.1	4749.4	4740.9	4726.5	4710.3	4695.7
5°	4463.5	4560.1	4638.4	4700.3	4737.4	4750.2	4747.9	4736.1	4719.4	4702.5	4689.1
2.5°	4473.9	4569.8	4647.1	4707.8	4742.0	4751.5	4747.0	4733.2	4715.0	4697.5	4684.8
0°	4477.4	4573.1	4650.0	4710.3	4743.6	4751.9	4746.7	4732.2	4713.5	4695.8	4683.3
-2.5°	4473.9	4569.8	4647.1	4707.8	4742.0	4751.5	4747.0	4733.2	4715.0	4697.5	4684.8
-5°	4463.5	4560.1	4638.4	4700.3	4737.4	4750.2	4747.9	4736.1	4719.4	4702.5	4689.1
-7.5°	4446.2	4543.9	4624.2	4687.9	4729.9	4748.1	4749.4	4740.9	4726.5	4710.3	4695.7
-10°	4422.4	4521.7	4604.6	4671.0	4719.5	4745.2	4751.4	4746.9	4734.9	4720.7	4707.2
-12.5°	4392.3	4493.7	4580.0	4649.9	4703.8	4735.9	4748.8	4749.6	4743.4	4732.8	4720.7
-15°	4354.5	4457.3	4545.3	4617.9	4676.4	4719.3	4744.2	4750.6	4749.0	4743.4	4734.9
-17.5°	4304.7	4412.2	4503.6	4581.5	4644.2	4692.9	4725.8	4745.1	4750.6	4749.6	4746.9
-20°	4248.8	4360.9	4453.5	4533.4	4600.5	4655.9	4698.5	4725.8	4744.2	4748.8	4751.4



REPORT NUMBER: P645388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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°	4179.7	4294.7	4393.8	4478.7	4548.5	4606.9	4655.9	4692.9	4719.3	4735.9	4745.2
-25°	4101.4	4221.7	4322.7	4410.2	4486.0	4548.5	4600.5	4644.2	4676.4	4703.8	4719.5
-27.5°	4009.7	4132.1	4241.2	4332.2	4410.2	4478.7	4533.4	4581.5	4617.9	4649.9	4671.0
-30°	3908.5	4032.5	4142.5	4241.2	4322.7	4393.8	4453.5	4503.6	4545.3	4580.0	4604.6
-32.5°	3786.9	3919.5	4032.5	4132.1	4221.7	4294.7	4360.9	4412.2	4457.3	4493.7	4521.7
-35°	3653.1	3786.9	3908.5	4009.7	4101.4	4179.7	4248.8	4304.7	4354.5	4392.3	4422.4
-37.5°	3498.1	3639.0	3761.9	3872.3	3964.8	4047.9	4118.1	4178.8	4232.3	4272.0	4305.0
-40°	3328.7	3470.7	3597.0	3712.5	3809.4	3898.7	3969.7	4033.6	4088.2	4131.0	4166.5
-42.5°	3145.8	3285.0	3413.6	3527.9	3632.3	3723.3	3799.7	3868.5	3924.5	3969.4	4006.6
-45°	2942.7	3083.1	3213.3	3326.4	3431.9	3522.9	3604.7	3678.2	3735.4	3783.5	3823.3
-47.5°	2717.7	2863.0	2990.4	3107.0	3212.7	3303.0	3385.3	3458.0	3517.7	3568.8	3611.0
-50°	2471.2	2618.6	2746.5	2866.3	2969.9	3062.4	3146.5	3218.3	3278.0	3329.0	3371.1
-52.5°	2201.5	2343.9	2477.7	2599.9	2702.9	2797.4	2883.2	2953.8	3014.4	3066.3	3109.1
-55°	1915.7	2052.9	2182.1	2299.0	2406.0	2504.2	2591.3	2661.6	2723.2	2775.8	2819.1
-57.5°	1632.5	1755.0	1871.2	1982.1	2084.7	2178.8	2261.8	2334.3	2397.8	2452.0	2496.6
-60°	1365.3	1461.8	1566.0	1664.2	1755.0	1838.2	1915.7	1984.7	2045.1	2096.5	2138.9
-62.5°	1126.2	1206.1	1288.5	1365.3	1436.2	1506.2	1574.3	1634.8	1687.7	1732.8	1769.9
-65°	933.7	994.9	1052.4	1105.8	1155.8	1214.1	1266.8	1313.6	1354.5	1389.3	1418.0
-67.5°	767.7	813.4	856.2	896.0	937.5	977.7	1013.9	1046.2	1074.3	1098.2	1117.9
-70°	625.7	657.6	687.6	718.1	750.5	780.0	806.7	830.4	851.0	868.6	883.0
-72.5°	507.5	528.7	549.9	574.1	596.4	616.7	635.0	651.2	665.4	677.4	687.3
-75°	409.9	426.4	443.3	459.0	473.4	486.6	498.5	509.0	518.2	526.0	532.4
-77.5°	322.2	335.4	347.7	359.2	369.8	379.4	388.0	395.7	402.4	408.1	412.8
-80°	230.3	241.4	251.7	261.3	270.1	278.2	285.4	291.8	297.4	302.1	306.0
-82.5°	143.5	151.0	158.1	164.6	170.5	176.0	180.9	185.2	189.0	192.2	194.9
-85°	71.1	74.5	77.7	80.7	83.4	85.9	88.2	90.1	91.9	93.3	94.5
-87.5°	21.3	21.9	22.5	23.1	23.6	24.0	24.4	24.8	25.1	25.4	25.6
-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: P645388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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°	25.8	25.9	26.0	26.0	26.0	25.9	25.8	25.6	25.4	25.1	24.8
85°	95.5	96.2	96.6	96.7	96.6	96.2	95.5	94.5	93.3	91.9	90.1
82.5°	196.9	198.4	199.3	199.6	199.3	198.4	196.9	194.9	192.2	189.0	185.2
80°	309.1	311.3	312.6	313.0	312.6	311.3	309.1	306.0	302.1	297.4	291.8
77.5°	416.4	419.0	420.6	421.1	420.6	419.0	416.4	412.8	408.1	402.4	395.7
75°	537.4	540.9	543.1	543.8	543.1	540.9	537.4	532.4	526.0	518.2	509.0
72.5°	695.0	700.6	703.9	705.0	703.9	700.6	695.0	687.3	677.4	665.4	651.2
70°	894.3	902.3	907.2	908.8	907.2	902.3	894.3	883.0	868.6	851.0	830.4
67.5°	1133.3	1144.3	1150.9	1153.1	1150.9	1144.3	1133.3	1117.9	1098.2	1074.3	1046.2
65°	1440.3	1456.4	1466.0	1469.2	1466.0	1456.4	1440.3	1418.0	1389.3	1354.5	1313.6
62.5°	1798.9	1819.6	1832.1	1836.3	1832.1	1819.6	1798.9	1769.9	1732.8	1687.7	1634.8
60°	2172.0	2195.8	2210.0	2214.8	2210.0	2195.8	2172.0	2138.9	2096.5	2045.1	1984.7
57.5°	2531.5	2556.5	2571.6	2576.6	2571.6	2556.5	2531.5	2496.6	2452.0	2397.8	2334.3
55°	2853.0	2877.4	2892.0	2896.9	2892.0	2877.4	2853.0	2819.1	2775.8	2723.2	2661.6
52.5°	3142.6	3166.7	3181.2	3186.0	3181.2	3166.7	3142.6	3109.1	3066.3	3014.4	2953.8
50°	3404.2	3427.9	3442.2	3447.0	3442.2	3427.9	3404.2	3371.1	3329.0	3278.0	3218.3
47.5°	3644.2	3668.0	3682.4	3687.2	3682.4	3668.0	3644.2	3611.0	3568.8	3517.7	3458.0
45°	3854.5	3877.0	3890.6	3895.1	3890.6	3877.0	3854.5	3823.3	3783.5	3735.4	3678.2
42.5°	4035.9	4057.0	4069.7	4074.0	4069.7	4057.0	4035.9	4006.6	3969.4	3924.5	3868.5
40°	4194.5	4214.7	4226.9	4231.0	4226.9	4214.7	4194.5	4166.5	4131.0	4088.2	4033.6
37.5°	4331.1	4349.9	4361.3	4365.1	4361.3	4349.9	4331.1	4305.0	4272.0	4232.3	4178.8
35°	4446.2	4463.5	4473.9	4477.4	4473.9	4463.5	4446.2	4422.4	4392.3	4354.5	4304.7
32.5°	4543.9	4560.1	4569.8	4573.1	4569.8	4560.1	4543.9	4521.7	4493.7	4457.3	4412.2
30°	4624.2	4638.4	4647.1	4650.0	4647.1	4638.4	4624.2	4604.6	4580.0	4545.3	4503.6
27.5°	4687.9	4700.3	4707.8	4710.3	4707.8	4700.3	4687.9	4671.0	4649.9	4617.9	4581.5
25°	4729.9	4737.4	4742.0	4743.6	4742.0	4737.4	4729.9	4719.5	4703.8	4676.4	4644.2
22.5°	4748.1	4750.2	4751.5	4751.9	4751.5	4750.2	4748.1	4745.2	4735.9	4719.3	4692.9
20°	4749.4	4747.9	4747.0	4746.7	4747.0	4747.9	4749.4	4751.4	4748.8	4744.2	4725.8
17.5°	4740.9	4736.1	4733.2	4732.2	4733.2	4736.1	4740.9	4746.9	4749.6	4750.6	4745.1
15°	4726.5	4719.4	4715.0	4713.5	4715.0	4719.4	4726.5	4734.9	4743.4	4749.0	4750.6
12.5°	4710.3	4702.5	4697.5	4695.8	4697.5	4702.5	4710.3	4720.7	4732.8	4743.4	4749.6
10°	4695.7	4689.1	4684.8	4683.3	4684.8	4689.1	4695.7	4707.2	4720.7	4734.9	4746.9
7.5°	4686.3	4680.4	4677.2	4676.0	4677.2	4680.4	4686.3	4695.7	4710.3	4726.5	4740.9
5°	4680.4	4674.6	4669.7	4667.7	4669.7	4674.6	4680.4	4689.1	4702.5	4719.4	4736.1
2.5°	4677.2	4669.7	4662.2	4658.3	4662.2	4669.7	4677.2	4684.8	4697.5	4715.0	4733.2
0°	4676.0	4667.7	4658.3	4659.4	4658.3	4667.7	4676.0	4683.3	4695.8	4713.5	4732.2
-2.5°	4677.2	4669.7	4662.2	4658.3	4662.2	4669.7	4677.2	4684.8	4697.5	4715.0	4733.2
-5°	4680.4	4674.6	4669.7	4667.7	4669.7	4674.6	4680.4	4689.1	4702.5	4719.4	4736.1
-7.5°	4686.3	4680.4	4677.2	4676.0	4677.2	4680.4	4686.3	4695.7	4710.3	4726.5	4740.9
-10°	4695.7	4689.1	4684.8	4683.3	4684.8	4689.1	4695.7	4707.2	4720.7	4734.9	4746.9
-12.5°	4710.3	4702.5	4697.5	4695.8	4697.5	4702.5	4710.3	4720.7	4732.8	4743.4	4749.6
-15°	4726.5	4719.4	4715.0	4713.5	4715.0	4719.4	4726.5	4734.9	4743.4	4749.0	4750.6
-17.5°	4740.9	4736.1	4733.2	4732.2	4733.2	4736.1	4740.9	4746.9	4749.6	4750.6	4745.1
-20°	4749.4	4747.9	4747.0	4746.7	4747.0	4747.9	4749.4	4751.4	4748.8	4744.2	4725.8

Classified

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

Scaled Data Report



REPORT NUMBER: P645388 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2D-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°	4748.1	4750.2	4751.5	4751.9	4751.5	4750.2	4748.1	4745.2	4735.9	4719.3	4692.9
-25°	4729.9	4737.4	4742.0	4743.6	4742.0	4737.4	4729.9	4719.5	4703.8	4676.4	4644.2
-27.5°	4687.9	4700.3	4707.8	4710.3	4707.8	4700.3	4687.9	4671.0	4649.9	4617.9	4581.5
-30°	4624.2	4638.4	4647.1	4650.0	4647.1	4638.4	4624.2	4604.6	4580.0	4545.3	4503.6
-32.5°	4543.9	4560.1	4569.8	4573.1	4569.8	4560.1	4543.9	4521.7	4493.7	4457.3	4412.2
-35°	4446.2	4463.5	4473.9	4477.4	4473.9	4463.5	4446.2	4422.4	4392.3	4354.5	4304.7
-37.5°	4331.1	4349.9	4361.3	4365.1	4361.3	4349.9	4331.1	4305.0	4272.0	4232.3	4178.8
-40°	4194.5	4214.7	4226.9	4231.0	4226.9	4214.7	4194.5	4166.5	4131.0	4088.2	4033.6
-42.5°	4035.9	4057.0	4069.7	4074.0	4069.7	4057.0	4035.9	4006.6	3969.4	3924.5	3868.5
-45°	3854.5	3877.0	3890.6	3895.1	3890.6	3877.0	3854.5	3823.3	3783.5	3735.4	3678.2
-47.5°	3644.2	3668.0	3682.4	3687.2	3682.4	3668.0	3644.2	3611.0	3568.8	3517.7	3458.0
-50°	3404.2	3427.9	3442.2	3447.0	3442.2	3427.9	3404.2	3371.1	3329.0	3278.0	3218.3
-52.5°	3142.6	3166.7	3181.2	3186.0	3181.2	3166.7	3142.6	3109.1	3066.3	3014.4	2953.8
-55°	2853.0	2877.4	2892.0	2896.9	2892.0	2877.4	2853.0	2819.1	2775.8	2723.2	2661.6
-57.5°	2531.5	2556.5	2571.6	2576.6	2571.6	2556.5	2531.5	2496.6	2452.0	2397.8	2334.3
-60°	2172.0	2195.8	2210.0	2214.8	2210.0	2195.8	2172.0	2138.9	2096.5	2045.1	1984.7
-62.5°	1798.9	1819.6	1832.1	1836.3	1832.1	1819.6	1798.9	1769.9	1732.8	1687.7	1634.8
-65°	1440.3	1456.4	1466.0	1469.2	1466.0	1456.4	1440.3	1418.0	1389.3	1354.5	1313.6
-67.5°	1133.3	1144.3	1150.9	1153.1	1150.9	1144.3	1133.3	1117.9	1098.2	1074.3	1046.2
-70°	894.3	902.3	907.2	908.8	907.2	902.3	894.3	883.0	868.6	851.0	830.4
-72.5°	695.0	700.6	703.9	705.0	703.9	700.6	695.0	687.3	677.4	665.4	651.2
-75°	537.4	540.9	543.1	543.8	543.1	540.9	537.4	532.4	526.0	518.2	509.0
-77.5°	416.4	419.0	420.6	421.1	420.6	419.0	416.4	412.8	408.1	402.4	395.7
-80°	309.1	311.3	312.6	313.0	312.6	311.3	309.1	306.0	302.1	297.4	291.8
-82.5°	196.9	198.4	199.3	199.6	199.3	198.4	196.9	194.9	192.2	189.0	185.2
-85°	95.5	96.2	96.6	96.7	96.6	96.2	95.5	94.5	93.3	91.9	90.1
-87.5°	25.8	25.9	26.0	26.0	26.0	25.9	25.8	25.6	25.4	25.1	24.8
-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: P645388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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°	24.4	24.0	23.6	23.1	22.5	21.9	21.3	20.6	19.9	19.2	18.4
85°	88.2	85.9	83.4	80.7	77.7	74.5	71.1	67.4	63.6	59.5	55.2
82.5°	180.9	176.0	170.5	164.6	158.1	151.0	143.5	135.5	127.1	118.2	108.9
80°	285.4	278.2	270.1	261.3	251.7	241.4	230.3	218.6	206.1	193.7	181.2
77.5°	388.0	379.4	369.8	359.2	347.7	335.4	322.2	307.9	292.3	275.9	258.7
75°	498.5	486.6	473.4	459.0	443.3	426.4	409.9	393.0	375.1	356.3	336.6
72.5°	635.0	616.7	596.4	574.1	549.9	528.7	507.5	485.0	461.2	436.3	411.4
70°	806.7	780.0	750.5	718.1	687.6	657.6	625.7	591.8	556.0	524.4	494.5
67.5°	1013.9	977.7	937.5	896.0	856.2	813.4	767.7	719.2	675.8	633.3	588.9
65°	1266.8	1214.1	1155.8	1105.8	1052.4	994.9	933.7	875.4	818.3	758.4	697.8
62.5°	1574.3	1506.2	1436.2	1365.3	1288.5	1206.1	1126.2	1054.3	978.7	900.9	831.9
60°	1915.7	1838.2	1755.0	1664.2	1566.0	1461.8	1365.3	1263.2	1155.8	1068.2	977.7
57.5°	2261.8	2178.8	2084.7	1982.1	1871.2	1755.0	1632.5	1503.1	1381.3	1258.9	1136.4
55°	2591.3	2504.2	2406.0	2299.0	2182.1	2052.9	1915.7	1772.9	1625.5	1471.7	1333.6
52.5°	2883.2	2797.4	2702.9	2599.9	2477.7	2343.9	2201.5	2045.1	1881.2	1714.2	1542.1
50°	3146.5	3062.4	2969.9	2866.3	2746.5	2618.6	2471.2	2310.5	2138.9	1955.7	1767.9
47.5°	3385.3	3303.0	3212.7	3107.0	2990.4	2863.0	2717.7	2563.6	2383.7	2195.8	1993.2
45°	3604.7	3522.9	3431.9	3326.4	3213.3	3083.1	2942.7	2784.7	2614.7	2420.6	2214.8
42.5°	3799.7	3723.3	3632.3	3527.9	3413.6	3285.0	3145.8	2989.1	2818.4	2631.4	2420.6
40°	3969.7	3898.7	3809.4	3712.5	3597.0	3470.7	3328.7	3177.5	3004.7	2818.4	2614.7
37.5°	4118.1	4047.9	3964.8	3872.3	3761.9	3639.0	3498.1	3343.3	3177.5	2989.1	2784.7
35°	4248.8	4179.7	4101.4	4009.7	3908.5	3786.9	3653.1	3498.1	3328.7	3145.8	2942.7
32.5°	4360.9	4294.7	4221.7	4132.1	4032.5	3919.5	3786.9	3639.0	3470.7	3285.0	3083.1
30°	4453.5	4393.8	4322.7	4241.2	4142.5	4032.5	3908.5	3761.9	3597.0	3413.6	3213.3
27.5°	4533.4	4478.7	4410.2	4332.2	4241.2	4132.1	4009.7	3872.3	3712.5	3527.9	3326.4
25°	4600.5	4548.5	4486.0	4410.2	4322.7	4221.7	4101.4	3964.8	3809.4	3632.3	3431.9
22.5°	4655.9	4606.9	4548.5	4478.7	4393.8	4294.7	4179.7	4047.9	3898.7	3723.3	3522.9
20°	4698.5	4655.9	4600.5	4533.4	4453.5	4360.9	4248.8	4118.1	3969.7	3799.7	3604.7
17.5°	4725.8	4692.9	4644.2	4581.5	4503.6	4412.2	4304.7	4178.8	4033.6	3868.5	3678.2
15°	4744.2	4719.3	4676.4	4617.9	4545.3	4457.3	4354.5	4232.3	4088.2	3924.5	3735.4
12.5°	4748.8	4735.9	4703.8	4649.9	4580.0	4493.7	4392.3	4272.0	4131.0	3969.4	3783.5
10°	4751.4	4745.2	4719.5	4671.0	4604.6	4521.7	4422.4	4305.0	4166.5	4006.6	3823.3
7.5°	4749.4	4748.1	4729.9	4687.9	4624.2	4543.9	4446.2	4331.1	4194.5	4035.9	3854.5
5°	4747.9	4750.2	4737.4	4700.3	4638.4	4560.1	4463.5	4349.9	4214.7	4057.0	3877.0
2.5°	4747.0	4751.5	4742.0	4707.8	4647.1	4569.8	4473.9	4361.3	4226.9	4069.7	3890.6
0°	4746.7	4751.9	4743.6	4710.3	4650.0	4573.1	4477.4	4365.1	4231.0	4074.0	3895.1
-2.5°	4747.0	4751.5	4742.0	4707.8	4647.1	4569.8	4473.9	4361.3	4226.9	4069.7	3890.6
-5°	4747.9	4750.2	4737.4	4700.3	4638.4	4560.1	4463.5	4349.9	4214.7	4057.0	3877.0
-7.5°	4749.4	4748.1	4729.9	4687.9	4624.2	4543.9	4446.2	4331.1	4194.5	4035.9	3854.5
-10°	4751.4	4745.2	4719.5	4671.0	4604.6	4521.7	4422.4	4305.0	4166.5	4006.6	3823.3
-12.5°	4748.8	4735.9	4703.8	4649.9	4580.0	4493.7	4392.3	4272.0	4131.0	3969.4	3783.5
-15°	4744.2	4719.3	4676.4	4617.9	4545.3	4457.3	4354.5	4232.3	4088.2	3924.5	3735.4
-17.5°	4725.8	4692.9	4644.2	4581.5	4503.6	4412.2	4304.7	4178.8	4033.6	3868.5	3678.2
-20°	4698.5	4655.9	4600.5	4533.4	4453.5	4360.9	4248.8	4118.1	3969.7	3799.7	3604.7

Classified

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

Scaled Data Report



REPORT NUMBER: P645388 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2D-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°	4655.9	4606.9	4548.5	4478.7	4393.8	4294.7	4179.7	4047.9	3898.7	3723.3	3522.9
-25°	4600.5	4548.5	4486.0	4410.2	4322.7	4221.7	4101.4	3964.8	3809.4	3632.3	3431.9
-27.5°	4533.4	4478.7	4410.2	4332.2	4241.2	4132.1	4009.7	3872.3	3712.5	3527.9	3326.4
-30°	4453.5	4393.8	4322.7	4241.2	4142.5	4032.5	3908.5	3761.9	3597.0	3413.6	3213.3
-32.5°	4360.9	4294.7	4221.7	4132.1	4032.5	3919.5	3786.9	3639.0	3470.7	3285.0	3083.1
-35°	4248.8	4179.7	4101.4	4009.7	3908.5	3786.9	3653.1	3498.1	3328.7	3145.8	2942.7
-37.5°	4118.1	4047.9	3964.8	3872.3	3761.9	3639.0	3498.1	3343.3	3177.5	2989.1	2784.7
-40°	3969.7	3898.7	3809.4	3712.5	3597.0	3470.7	3328.7	3177.5	3004.7	2818.4	2614.7
-42.5°	3799.7	3723.3	3632.3	3527.9	3413.6	3285.0	3145.8	2989.1	2818.4	2631.4	2420.6
-45°	3604.7	3522.9	3431.9	3326.4	3213.3	3083.1	2942.7	2784.7	2614.7	2420.6	2214.8
-47.5°	3385.3	3303.0	3212.7	3107.0	2990.4	2863.0	2717.7	2563.6	2383.7	2195.8	1993.2
-50°	3146.5	3062.4	2969.9	2866.3	2746.5	2618.6	2471.2	2310.5	2138.9	1955.7	1767.9
-52.5°	2883.2	2797.4	2702.9	2599.9	2477.7	2343.9	2201.5	2045.1	1881.2	1714.2	1542.1
-55°	2591.3	2504.2	2406.0	2299.0	2182.1	2052.9	1915.7	1772.9	1625.5	1471.7	1333.6
-57.5°	2261.8	2178.8	2084.7	1982.1	1871.2	1755.0	1632.5	1503.1	1381.3	1258.9	1136.4
-60°	1915.7	1838.2	1755.0	1664.2	1566.0	1461.8	1365.3	1263.2	1155.8	1068.2	977.7
-62.5°	1574.3	1506.2	1436.2	1365.3	1288.5	1206.1	1126.2	1054.3	978.7	900.9	831.9
-65°	1266.8	1214.1	1155.8	1105.8	1052.4	994.9	933.7	875.4	818.3	758.4	697.8
-67.5°	1013.9	977.7	937.5	896.0	856.2	813.4	767.7	719.2	675.8	633.3	588.9
-70°	806.7	780.0	750.5	718.1	687.6	657.6	625.7	591.8	556.0	524.4	494.5
-72.5°	635.0	616.7	596.4	574.1	549.9	528.7	507.5	485.0	461.2	436.3	411.4
-75°	498.5	486.6	473.4	459.0	443.3	426.4	409.9	393.0	375.1	356.3	336.6
-77.5°	388.0	379.4	369.8	359.2	347.7	335.4	322.2	307.9	292.3	275.9	258.7
-80°	285.4	278.2	270.1	261.3	251.7	241.4	230.3	218.6	206.1	193.7	181.2
-82.5°	180.9	176.0	170.5	164.6	158.1	151.0	143.5	135.5	127.1	118.2	108.9
-85°	88.2	85.9	83.4	80.7	77.7	74.5	71.1	67.4	63.6	59.5	55.2
-87.5°	24.4	24.0	23.6	23.1	22.5	21.9	21.3	20.6	19.9	19.2	18.4
-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: P645388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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°	17.6	16.7	15.8	14.9	14.0	13.0	12.0	11.0	9.9	8.9	7.8
85°	50.8	46.1	41.3	36.3	31.2	26.0	24.0	22.0	19.9	17.8	15.6
82.5°	99.1	91.4	84.2	76.7	69.0	61.1	53.0	44.7	36.3	27.7	23.4
80°	168.2	154.7	140.7	126.2	111.3	96.2	85.4	74.3	63.1	51.6	39.9
77.5°	240.8	222.2	202.8	184.4	165.8	146.6	127.0	106.9	89.7	75.4	60.8
75°	316.0	293.8	270.6	246.7	222.0	196.9	173.4	149.4	124.9	99.9	81.5
72.5°	387.4	362.5	336.7	309.9	281.2	251.6	221.4	191.4	162.9	133.9	104.4
70°	463.3	430.9	400.2	369.8	338.5	306.0	271.6	236.4	200.5	167.4	133.9
67.5°	543.0	506.5	468.8	429.9	393.7	357.6	320.7	281.6	241.4	200.5	162.9
65°	646.3	593.0	539.3	496.1	451.8	408.1	367.2	325.5	281.6	236.4	191.4
62.5°	760.2	689.9	629.3	566.9	512.6	462.7	412.9	367.2	320.7	271.6	221.4
60°	887.8	806.7	723.0	651.2	581.5	518.2	462.7	408.1	357.6	306.0	251.6
57.5°	1034.3	928.8	834.8	741.7	658.5	581.5	512.6	451.8	393.7	338.5	281.2
55°	1190.9	1068.5	951.5	844.2	741.7	651.2	566.9	496.1	429.9	369.8	309.9
52.5°	1378.8	1220.8	1080.0	951.5	834.8	723.0	629.3	539.3	468.8	400.2	336.7
50°	1577.6	1393.9	1220.8	1068.5	928.8	806.7	689.9	593.0	506.5	430.9	362.5
47.5°	1785.9	1577.6	1378.8	1190.9	1034.3	887.8	760.2	646.3	543.0	463.3	387.4
45°	1993.2	1767.9	1542.1	1333.6	1136.4	977.7	831.9	697.8	588.9	494.5	411.4
42.5°	2195.8	1955.7	1714.2	1471.7	1258.9	1068.2	900.9	758.4	633.3	524.4	436.3
40°	2383.7	2138.9	1881.2	1625.5	1381.3	1155.8	978.7	818.3	675.8	556.0	461.2
37.5°	2563.6	2310.5	2045.1	1772.9	1503.1	1263.2	1054.3	875.4	719.2	591.8	485.0
35°	2717.7	2471.2	2201.5	1915.7	1632.5	1365.3	1126.2	933.7	767.7	625.7	507.5
32.5°	2863.0	2618.6	2343.9	2052.9	1755.0	1461.8	1206.1	994.9	813.4	657.6	528.7
30°	2990.4	2746.5	2477.7	2182.1	1871.2	1566.0	1288.5	1052.4	856.2	687.6	549.9
27.5°	3107.0	2866.3	2599.9	2299.0	1982.1	1664.2	1365.3	1105.8	896.0	718.1	574.1
25°	3212.7	2969.9	2702.9	2406.0	2084.7	1755.0	1436.2	1155.8	937.5	750.5	596.4
22.5°	3303.0	3062.4	2797.4	2504.2	2178.8	1838.2	1506.2	1214.1	977.7	780.0	616.7
20°	3385.3	3146.5	2883.2	2591.3	2261.8	1915.7	1574.3	1266.8	1013.9	806.7	635.0
17.5°	3458.0	3218.3	2953.8	2661.6	2334.3	1984.7	1634.8	1313.6	1046.2	830.4	651.2
15°	3517.7	3278.0	3014.4	2723.2	2397.8	2045.1	1687.7	1354.5	1074.3	851.0	665.4
12.5°	3568.8	3329.0	3066.3	2775.8	2452.0	2096.5	1732.8	1389.3	1098.2	868.6	677.4
10°	3611.0	3371.1	3109.1	2819.1	2496.6	2138.9	1769.9	1418.0	1117.9	883.0	687.3
7.5°	3644.2	3404.2	3142.6	2853.0	2531.5	2172.0	1798.9	1440.3	1133.3	894.3	695.0
5°	3668.0	3427.9	3166.7	2877.4	2556.5	2195.8	1819.6	1456.4	1144.3	902.3	700.6
2.5°	3682.4	3442.2	3181.2	2892.0	2571.6	2210.0	1832.1	1466.0	1150.9	907.2	703.9
0°	3687.2	3447.0	3186.0	2896.9	2576.6	2214.8	1836.3	1469.2	1153.1	908.8	705.0
-2.5°	3682.4	3442.2	3181.2	2892.0	2571.6	2210.0	1832.1	1466.0	1150.9	907.2	703.9
-5°	3668.0	3427.9	3166.7	2877.4	2556.5	2195.8	1819.6	1456.4	1144.3	902.3	700.6
-7.5°	3644.2	3404.2	3142.6	2853.0	2531.5	2172.0	1798.9	1440.3	1133.3	894.3	695.0
-10°	3611.0	3371.1	3109.1	2819.1	2496.6	2138.9	1769.9	1418.0	1117.9	883.0	687.3
-12.5°	3568.8	3329.0	3066.3	2775.8	2452.0	2096.5	1732.8	1389.3	1098.2	868.6	677.4
-15°	3517.7	3278.0	3014.4	2723.2	2397.8	2045.1	1687.7	1354.5	1074.3	851.0	665.4
-17.5°	3458.0	3218.3	2953.8	2661.6	2334.3	1984.7	1634.8	1313.6	1046.2	830.4	651.2
-20°	3385.3	3146.5	2883.2	2591.3	2261.8	1915.7	1574.3	1266.8	1013.9	806.7	635.0



REPORT NUMBER: P645388 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-740-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	3303.0	3062.4	2797.4	2504.2	2178.8	1838.2	1506.2	1214.1	977.7	780.0	616.7
-25°	3212.7	2969.9	2702.9	2406.0	2084.7	1755.0	1436.2	1155.8	937.5	750.5	596.4
-27.5°	3107.0	2866.3	2599.9	2299.0	1982.1	1664.2	1365.3	1105.8	896.0	718.1	574.1
-30°	2990.4	2746.5	2477.7	2182.1	1871.2	1566.0	1288.5	1052.4	856.2	687.6	549.9
-32.5°	2863.0	2618.6	2343.9	2052.9	1755.0	1461.8	1206.1	994.9	813.4	657.6	528.7
-35°	2717.7	2471.2	2201.5	1915.7	1632.5	1365.3	1126.2	933.7	767.7	625.7	507.5
-37.5°	2563.6	2310.5	2045.1	1772.9	1503.1	1263.2	1054.3	875.4	719.2	591.8	485.0
-40°	2383.7	2138.9	1881.2	1625.5	1381.3	1155.8	978.7	818.3	675.8	556.0	461.2
-42.5°	2195.8	1955.7	1714.2	1471.7	1258.9	1068.2	900.9	758.4	633.3	524.4	436.3
-45°	1993.2	1767.9	1542.1	1333.6	1136.4	977.7	831.9	697.8	588.9	494.5	411.4
-47.5°	1785.9	1577.6	1378.8	1190.9	1034.3	887.8	760.2	646.3	543.0	463.3	387.4
-50°	1577.6	1393.9	1220.8	1068.5	928.8	806.7	689.9	593.0	506.5	430.9	362.5
-52.5°	1378.8	1220.8	1080.0	951.5	834.8	723.0	629.3	539.3	468.8	400.2	336.7
-55°	1190.9	1068.5	951.5	844.2	741.7	651.2	566.9	496.1	429.9	369.8	309.9
-57.5°	1034.3	928.8	834.8	741.7	658.5	581.5	512.6	451.8	393.7	338.5	281.2
-60°	887.8	806.7	723.0	651.2	581.5	518.2	462.7	408.1	357.6	306.0	251.6
-62.5°	760.2	689.9	629.3	566.9	512.6	462.7	412.9	367.2	320.7	271.6	221.4
-65°	646.3	593.0	539.3	496.1	451.8	408.1	367.2	325.5	281.6	236.4	191.4
-67.5°	543.0	506.5	468.8	429.9	393.7	357.6	320.7	281.6	241.4	200.5	162.9
-70°	463.3	430.9	400.2	369.8	338.5	306.0	271.6	236.4	200.5	167.4	133.9
-72.5°	387.4	362.5	336.7	309.9	281.2	251.6	221.4	191.4	162.9	133.9	104.4
-75°	316.0	293.8	270.6	246.7	222.0	196.9	173.4	149.4	124.9	99.9	81.5
-77.5°	240.8	222.2	202.8	184.4	165.8	146.6	127.0	106.9	89.7	75.4	60.8
-80°	168.2	154.7	140.7	126.2	111.3	96.2	85.4	74.3	63.1	51.6	39.9
-82.5°	99.1	91.4	84.2	76.7	69.0	61.1	53.0	44.7	36.3	27.7	23.4
-85°	50.8	46.1	41.3	36.3	31.2	26.0	24.0	22.0	19.9	17.8	15.6
-87.5°	17.6	16.7	15.8	14.9	14.0	13.0	12.0	11.0	9.9	8.9	7.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645388 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2D-740-U-LAM-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°	6.7	5.6	4.5	3.4	2.3	1.1	0.0
85°	13.4	11.2	9.0	6.8	4.5	2.3	0.0
82.5°	20.1	16.8	13.5	10.2	6.8	3.4	0.0
80°	28.1	22.4	18.0	13.5	9.0	4.5	0.0
77.5°	46.1	31.2	22.4	16.8	11.2	5.6	0.0
75°	63.9	46.1	28.1	20.1	13.4	6.7	0.0
72.5°	81.5	60.8	39.9	23.4	15.6	7.8	0.0
70°	99.9	75.4	51.6	27.7	17.8	8.9	0.0
67.5°	124.9	89.7	63.1	36.3	19.9	9.9	0.0
65°	149.4	106.9	74.3	44.7	22.0	11.0	0.0
62.5°	173.4	127.0	85.4	53.0	24.0	12.0	0.0
60°	196.9	146.6	96.2	61.1	26.0	13.0	0.0
57.5°	222.0	165.8	111.3	69.0	31.2	14.0	0.0
55°	246.7	184.4	126.2	76.7	36.3	14.9	0.0
52.5°	270.6	202.8	140.7	84.2	41.3	15.8	0.0
50°	293.8	222.2	154.7	91.4	46.1	16.7	0.0
47.5°	316.0	240.8	168.2	99.1	50.8	17.6	0.0
45°	336.6	258.7	181.2	108.9	55.2	18.4	0.0
42.5°	356.3	275.9	193.7	118.2	59.5	19.2	0.0
40°	375.1	292.3	206.1	127.1	63.6	19.9	0.0
37.5°	393.0	307.9	218.6	135.5	67.4	20.6	0.0
35°	409.9	322.2	230.3	143.5	71.1	21.3	0.0
32.5°	426.4	335.4	241.4	151.0	74.5	21.9	0.0
30°	443.3	347.7	251.7	158.1	77.7	22.5	0.0
27.5°	459.0	359.2	261.3	164.6	80.7	23.1	0.0
25°	473.4	369.8	270.1	170.5	83.4	23.6	0.0
22.5°	486.6	379.4	278.2	176.0	85.9	24.0	0.0
20°	498.5	388.0	285.4	180.9	88.2	24.4	0.0
17.5°	509.0	395.7	291.8	185.2	90.1	24.8	0.0
15°	518.2	402.4	297.4	189.0	91.9	25.1	0.0
12.5°	526.0	408.1	302.1	192.2	93.3	25.4	0.0
10°	532.4	412.8	306.0	194.9	94.5	25.6	0.0
7.5°	537.4	416.4	309.1	196.9	95.5	25.8	0.0
5°	540.9	419.0	311.3	198.4	96.2	25.9	0.0
2.5°	543.1	420.6	312.6	199.3	96.6	26.0	0.0
0°	543.8	421.1	313.0	199.6	96.7	26.0	0.0
-2.5°	543.1	420.6	312.6	199.3	96.6	26.0	0.0
-5°	540.9	419.0	311.3	198.4	96.2	25.9	0.0
-7.5°	537.4	416.4	309.1	196.9	95.5	25.8	0.0
-10°	532.4	412.8	306.0	194.9	94.5	25.6	0.0
-12.5°	526.0	408.1	302.1	192.2	93.3	25.4	0.0
-15°	518.2	402.4	297.4	189.0	91.9	25.1	0.0
-17.5°	509.0	395.7	291.8	185.2	90.1	24.8	0.0
-20°	498.5	388.0	285.4	180.9	88.2	24.4	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645388 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2D-740-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	486.6	379.4	278.2	176.0	85.9	24.0	0.0
-25°	473.4	369.8	270.1	170.5	83.4	23.6	0.0
-27.5°	459.0	359.2	261.3	164.6	80.7	23.1	0.0
-30°	443.3	347.7	251.7	158.1	77.7	22.5	0.0
-32.5°	426.4	335.4	241.4	151.0	74.5	21.9	0.0
-35°	409.9	322.2	230.3	143.5	71.1	21.3	0.0
-37.5°	393.0	307.9	218.6	135.5	67.4	20.6	0.0
-40°	375.1	292.3	206.1	127.1	63.6	19.9	0.0
-42.5°	356.3	275.9	193.7	118.2	59.5	19.2	0.0
-45°	336.6	258.7	181.2	108.9	55.2	18.4	0.0
-47.5°	316.0	240.8	168.2	99.1	50.8	17.6	0.0
-50°	293.8	222.2	154.7	91.4	46.1	16.7	0.0
-52.5°	270.6	202.8	140.7	84.2	41.3	15.8	0.0
-55°	246.7	184.4	126.2	76.7	36.3	14.9	0.0
-57.5°	222.0	165.8	111.3	69.0	31.2	14.0	0.0
-60°	196.9	146.6	96.2	61.1	26.0	13.0	0.0
-62.5°	173.4	127.0	85.4	53.0	24.0	12.0	0.0
-65°	149.4	106.9	74.3	44.7	22.0	11.0	0.0
-67.5°	124.9	89.7	63.1	36.3	19.9	9.9	0.0
-70°	99.9	75.4	51.6	27.7	17.8	8.9	0.0
-72.5°	81.5	60.8	39.9	23.4	15.6	7.8	0.0
-75°	63.9	46.1	28.1	20.1	13.4	6.7	0.0
-77.5°	46.1	31.2	22.4	16.8	11.2	5.6	0.0
-80°	28.1	22.4	18.0	13.5	9.0	4.5	0.0
-82.5°	20.1	16.8	13.5	10.2	6.8	3.4	0.0
-85°	13.4	11.2	9.0	6.8	4.5	2.3	0.0
-87.5°	6.7	5.6	4.5	3.4	2.3	1.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)