

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: P627111 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-740-U-VWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627111 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-17)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA3B-740-U-VWR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N77  
Light Source: (48) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

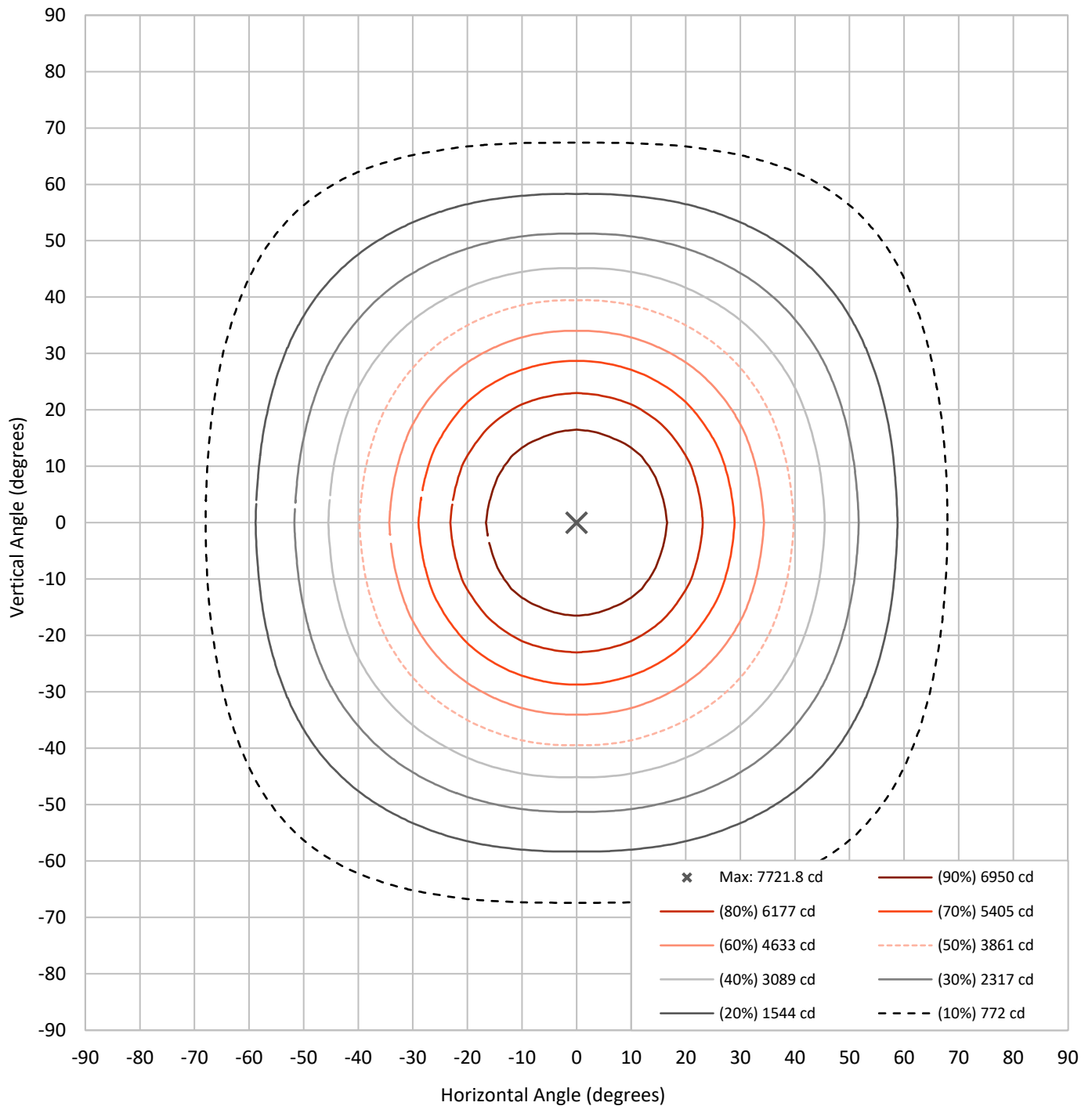
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	13956.5 lumens	Max Intensity:	7721.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	148.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	79.6°H x 78.9°V	Field Angle (10%):	135.9°H x 134.8°V
Beam Lumens:	8185.6 lumens	Field Lumens:	13305.1 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	93.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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### Iso-Candela Plot





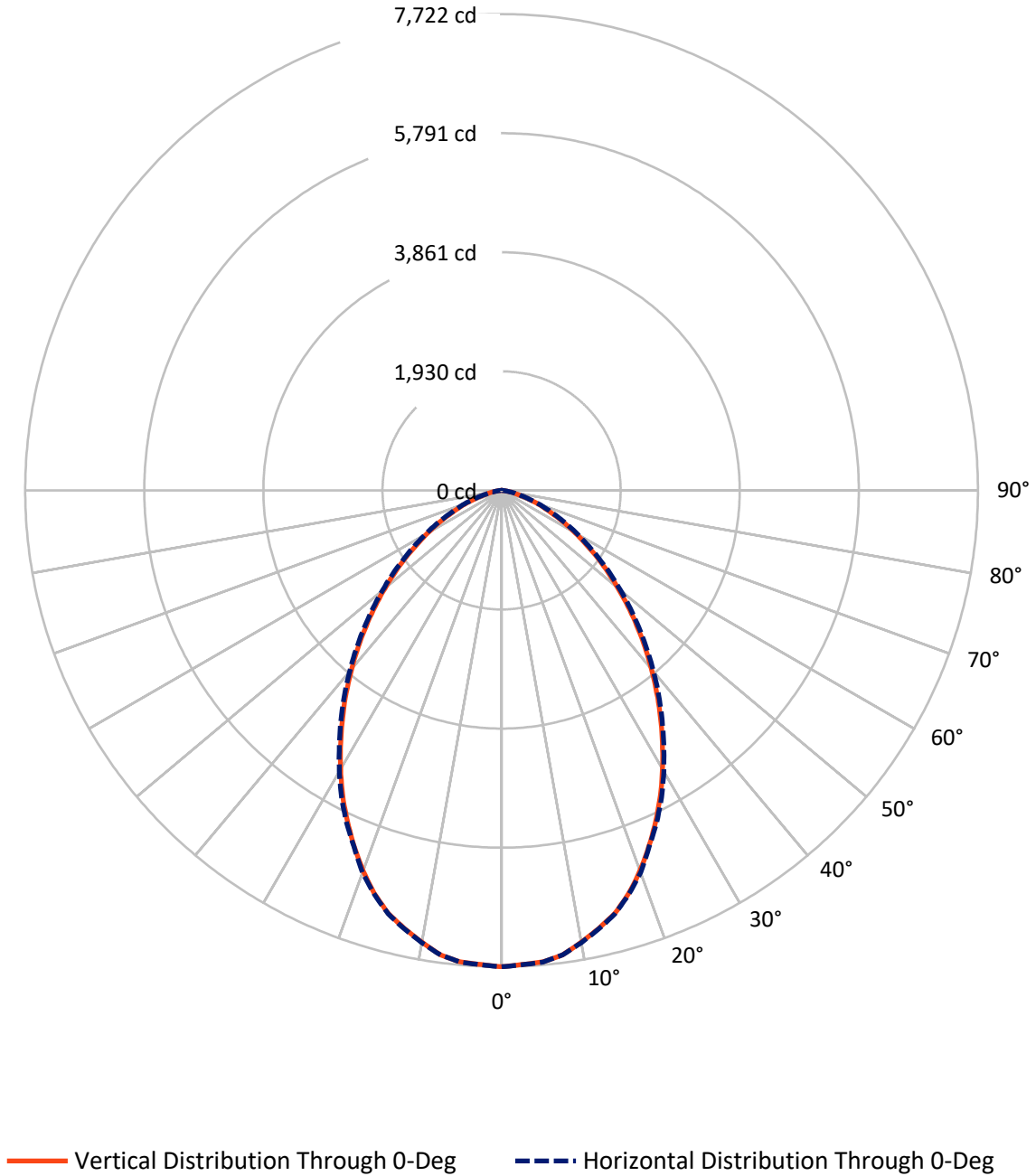
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### Lumen Table

90																			
80	0.5	5.7	15.6	26.4	24.9	26.4	15.6	5.7	0.5										
70																			
60	2.6	3.6	7.2	12.3	18.0	23.3	27.2	29.1	29.1	27.2	23.3	18.0	12.3	7.2	3.6	2.6			
50																			
40	4.6	5.4	11.7	20.9	31.7	43.1	52.4	57.3	57.3	52.4	43.1	31.7	20.9	11.7	5.4	4.6			
30																			
20	5.9	7.2	17.0	31.3	49.6	68.8	84.9	93.7	93.7	84.9	68.8	49.6	31.3	17.0	7.2	5.9			
10																			
0	6.4	9.1	22.5	43.1	69.5	97.4	121.3	134.9	134.9	121.3	97.4	69.5	43.1	22.5	9.1	6.4			
-10																			
-20	5.9	10.9	27.7	54.2	88.5	125.6	158.0	176.6	176.6	158.0	125.6	88.5	54.2	27.7	10.9	5.9			
-30																			
-40	4.6	12.3	31.7	62.5	103.3	148.4	188.3	210.9	210.9	188.3	148.4	103.3	62.5	31.7	12.3	4.6			
-50																			
-60	2.6	13.1	33.9	67.3	111.5	161.1	204.6	228.4	228.4	204.6	161.1	111.5	67.3	33.9	13.1	2.6			
-70																			
-80	0.5	13.1	33.9	67.3	111.5	161.1	204.6	228.4	228.4	204.6	161.1	111.5	67.3	33.9	13.1	0.5			
-90																			

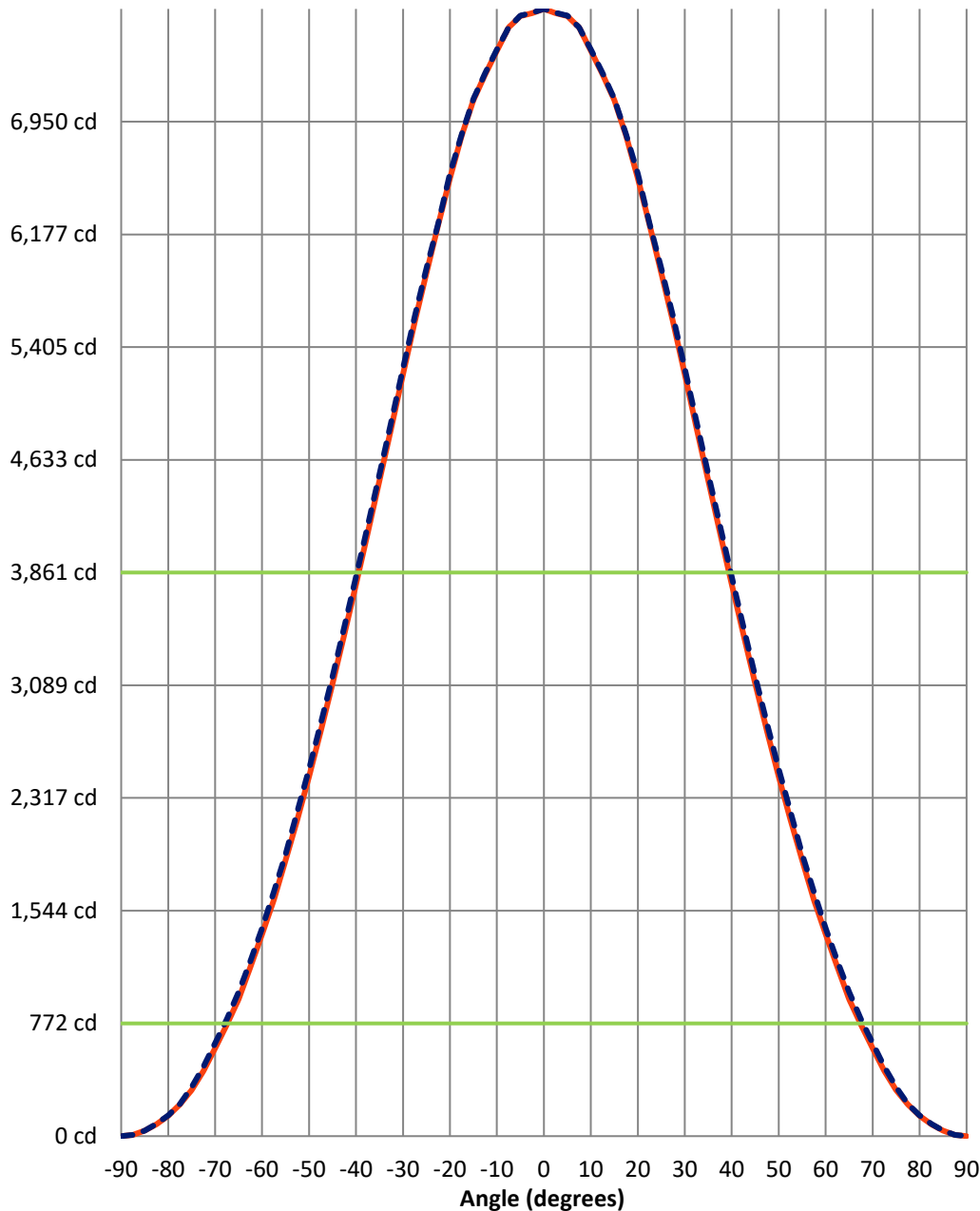
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 79.6°  
 V Angle: 78.9°  
 Lumens: 8185.6  
 Efficiency: 58.7%

**Field:**  
 H Angle: 135.9°  
 V Angle: 134.8°  
 Lumens: 13305.1  
 Efficiency: 95.3%

**Spill:**  
 Lumens: 651.4  
 Efficiency: 4.7%

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

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.4	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.4	4.9
85°	0.0	0.9	2.0	3.0	4.0	5.0	6.0	7.0	7.9	8.9	9.8
82.5°	0.0	1.3	3.0	4.5	6.0	7.5	9.0	10.4	13.1	20.5	27.7
80°	0.0	1.8	4.0	6.0	8.0	10.0	13.5	24.0	34.1	43.9	53.2
77.5°	0.0	2.2	5.0	7.5	10.0	15.7	29.4	42.6	55.1	67.1	82.0
75°	0.0	2.6	5.9	9.0	13.0	27.1	44.9	61.1	76.7	98.2	120.9
72.5°	0.0	3.0	6.9	10.4	20.7	38.1	59.9	81.0	105.5	131.6	159.2
70°	0.0	3.4	7.8	12.5	28.2	48.8	74.9	104.9	133.7	164.4	200.3
67.5°	0.0	3.8	8.7	17.1	35.4	59.1	93.0	128.2	161.3	200.0	241.2
65°	0.0	4.2	9.6	21.5	42.2	70.5	110.2	150.8	191.0	234.6	279.5
62.5°	0.0	4.6	10.4	25.8	48.7	83.1	126.6	174.5	219.8	267.7	313.7
60°	0.0	5.0	11.2	29.8	54.8	95.0	142.0	198.0	247.5	298.6	347.5
57.5°	0.0	5.3	13.5	33.5	62.9	106.2	158.3	219.9	274.8	329.0	379.5
55°	0.0	5.7	15.6	37.0	70.7	116.6	173.7	238.8	301.6	358.4	410.2
52.5°	0.0	6.0	17.8	40.3	77.9	126.4	187.9	258.5	327.8	385.4	440.1
50°	0.0	6.3	19.8	43.3	84.5	136.9	201.0	277.1	352.7	411.6	474.4
47.5°	0.0	6.6	21.7	46.3	90.6	146.5	213.2	294.5	375.3	437.0	508.0
45°	0.0	6.9	23.5	50.4	96.0	155.1	226.8	310.5	392.8	465.7	540.2
42.5°	0.0	7.1	25.3	54.0	100.9	162.8	239.3	325.2	409.6	493.2	578.0
40°	0.0	7.4	26.9	57.7	105.7	169.5	250.6	339.2	427.1	518.9	614.9
37.5°	0.0	7.6	28.4	61.4	110.5	175.2	260.7	352.4	446.7	543.3	649.6
35°	0.0	7.8	29.9	64.8	114.6	181.8	269.7	364.9	465.8	571.5	684.4
32.5°	0.0	8.0	31.2	68.0	118.1	188.4	278.0	376.5	484.3	598.5	721.4
30°	0.0	8.2	32.4	70.9	120.8	194.1	286.6	388.2	502.2	624.4	755.9
27.5°	0.0	8.3	33.4	73.5	125.0	198.7	294.3	401.7	520.6	648.9	787.9
25°	0.0	8.4	34.4	75.8	128.9	202.5	301.1	414.3	539.8	673.9	817.5
22.5°	0.0	8.6	35.2	77.9	132.3	206.2	306.9	425.8	557.5	697.5	849.0
20°	0.0	8.6	36.0	79.7	135.2	211.3	311.7	436.2	573.5	718.6	877.3
17.5°	0.0	8.7	36.6	81.2	137.7	215.5	317.7	445.3	587.8	737.2	902.2
15°	0.0	8.8	37.1	82.4	139.7	218.8	324.0	454.0	600.2	753.1	923.7
12.5°	0.0	8.8	37.5	83.4	141.2	221.1	329.0	462.2	611.5	766.2	941.7
10°	0.0	8.8	37.7	84.0	142.3	222.6	332.9	468.5	621.2	778.6	956.9
7.5°	0.0	8.8	37.9	84.4	142.8	223.2	335.6	472.9	628.6	788.6	970.0
5°	0.0	8.8	37.9	84.5	142.9	222.9	336.9	475.4	633.8	795.8	979.4
2.5°	0.0	8.8	37.8	84.3	142.6	221.9	337.0	476.0	636.5	800.2	985.0
0°	0.0	8.7	37.6	83.9	141.8	220.0	335.7	474.7	636.7	801.7	986.9
-2.5°	0.0	8.8	37.8	84.3	142.6	221.9	337.0	476.0	636.5	800.2	985.0
-5°	0.0	8.8	37.9	84.5	142.9	222.9	336.9	475.4	633.8	795.8	979.4
-7.5°	0.0	8.8	37.9	84.4	142.8	223.2	335.6	472.9	628.6	788.6	970.0
-10°	0.0	8.8	37.7	84.0	142.3	222.6	332.9	468.5	621.2	778.6	956.9
-12.5°	0.0	8.8	37.5	83.4	141.2	221.1	329.0	462.2	611.5	766.2	941.7
-15°	0.0	8.8	37.1	82.4	139.7	218.8	324.0	454.0	600.2	753.1	923.7
-17.5°	0.0	8.7	36.6	81.2	137.7	215.5	317.7	445.3	587.8	737.2	902.2
-20°	0.0	8.6	36.0	79.7	135.2	211.3	311.7	436.2	573.5	718.6	877.3

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CATALOG NUMBER: GFLD-SA3B-740-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	8.6	35.2	77.9	132.3	206.2	306.9	425.8	557.5	697.5	849.0
-25°	0.0	8.4	34.4	75.8	128.9	202.5	301.1	414.3	539.8	673.9	817.5
-27.5°	0.0	8.3	33.4	73.5	125.0	198.7	294.3	401.7	520.6	648.9	787.9
-30°	0.0	8.2	32.4	70.9	120.8	194.1	286.6	388.2	502.2	624.4	755.9
-32.5°	0.0	8.0	31.2	68.0	118.1	188.4	278.0	376.5	484.3	598.5	721.4
-35°	0.0	7.8	29.9	64.8	114.6	181.8	269.7	364.9	465.8	571.5	684.4
-37.5°	0.0	7.6	28.4	61.4	110.5	175.2	260.7	352.4	446.7	543.3	649.6
-40°	0.0	7.4	26.9	57.7	105.7	169.5	250.6	339.2	427.1	518.9	614.9
-42.5°	0.0	7.1	25.3	54.0	100.9	162.8	239.3	325.2	409.6	493.2	578.0
-45°	0.0	6.9	23.5	50.4	96.0	155.1	226.8	310.5	392.8	465.7	540.2
-47.5°	0.0	6.6	21.7	46.3	90.6	146.5	213.2	294.5	375.3	437.0	508.0
-50°	0.0	6.3	19.8	43.3	84.5	136.9	201.0	277.1	352.7	411.6	474.4
-52.5°	0.0	6.0	17.8	40.3	77.9	126.4	187.9	258.5	327.8	385.4	440.1
-55°	0.0	5.7	15.6	37.0	70.7	116.6	173.7	238.8	301.6	358.4	410.2
-57.5°	0.0	5.3	13.5	33.5	62.9	106.2	158.3	219.9	274.8	329.0	379.5
-60°	0.0	5.0	11.2	29.8	54.8	95.0	142.0	198.0	247.5	298.6	347.5
-62.5°	0.0	4.6	10.4	25.8	48.7	83.1	126.6	174.5	219.8	267.7	313.7
-65°	0.0	4.2	9.6	21.5	42.2	70.5	110.2	150.8	191.0	234.6	279.5
-67.5°	0.0	3.8	8.7	17.1	35.4	59.1	93.0	128.2	161.3	200.0	241.2
-70°	0.0	3.4	7.8	12.5	28.2	48.8	74.9	104.9	133.7	164.4	200.3
-72.5°	0.0	3.0	6.9	10.4	20.7	38.1	59.9	81.0	105.5	131.6	159.2
-75°	0.0	2.6	5.9	9.0	13.0	27.1	44.9	61.1	76.7	98.2	120.9
-77.5°	0.0	2.2	5.0	7.5	10.0	15.7	29.4	42.6	55.1	67.1	82.0
-80°	0.0	1.8	4.0	6.0	8.0	10.0	13.5	24.0	34.1	43.9	53.2
-82.5°	0.0	1.3	3.0	4.5	6.0	7.5	9.0	10.4	13.1	20.5	27.7
-85°	0.0	0.9	2.0	3.0	4.0	5.0	6.0	7.0	7.9	8.9	9.8
-87.5°	0.0	0.4	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.4	4.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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 CATALOG NUMBER: GFLD-SA3B-740-U-VWR-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°	5.7	6.5	7.4	8.3	8.4	8.4	8.3	8.2	8.6	8.9	9.2
85°	11.3	13.0	18.1	22.9	25.3	26.7	27.4	27.3	31.7	36.9	42.4
82.5°	35.2	42.5	49.4	56.0	57.7	57.7	57.2	57.3	67.8	79.7	91.9
80°	62.7	71.9	84.2	95.0	99.7	102.1	103.2	103.0	116.2	133.7	152.2
77.5°	99.5	115.0	128.5	139.9	146.1	151.6	156.0	159.4	176.4	198.5	220.5
75°	141.4	158.4	175.3	190.0	200.3	207.9	215.0	226.5	248.7	274.5	297.0
72.5°	185.6	207.3	226.1	242.1	256.5	271.9	289.1	307.9	331.3	357.1	380.7
70°	232.8	256.7	276.4	295.6	315.3	338.3	364.1	389.4	415.5	444.0	471.5
67.5°	279.0	302.0	325.2	349.5	379.0	409.8	440.2	475.2	511.0	542.7	571.0
65°	319.1	346.1	375.2	408.1	444.5	483.6	524.3	566.3	611.6	649.7	684.3
62.5°	357.5	389.9	425.2	466.3	512.7	559.0	610.9	663.4	714.5	759.3	800.7
60°	392.7	432.1	476.7	527.1	581.3	642.8	701.9	761.6	817.6	868.4	920.7
57.5°	427.1	476.6	530.1	590.6	659.2	728.3	797.7	862.0	925.3	987.2	1046.4
55°	463.4	523.1	586.8	661.0	738.3	820.0	894.8	966.5	1036.3	1111.4	1182.7
52.5°	503.4	570.1	649.8	732.9	822.1	909.9	992.0	1073.6	1158.1	1243.1	1335.9
50°	542.0	625.1	712.5	809.1	905.5	999.5	1093.7	1187.8	1288.9	1393.1	1498.3
47.5°	587.2	677.8	781.0	884.6	989.9	1094.5	1199.5	1313.2	1428.1	1548.9	1665.4
45°	632.8	734.7	846.0	963.0	1076.9	1192.8	1315.5	1441.1	1575.9	1708.8	1848.9
42.5°	676.1	791.2	913.9	1040.3	1167.0	1296.5	1431.4	1578.2	1725.5	1878.7	2032.6
40°	724.0	845.0	980.2	1119.5	1257.0	1400.5	1554.7	1713.7	1880.3	2048.9	2216.0
37.5°	770.1	903.1	1045.2	1195.2	1349.4	1507.1	1674.6	1855.0	2035.8	2217.2	2401.5
35°	813.2	958.2	1112.1	1271.3	1434.9	1614.3	1801.5	1994.1	2190.0	2386.1	2584.3
32.5°	857.6	1010.1	1176.0	1346.4	1526.7	1719.0	1924.1	2132.8	2341.4	2550.9	2767.9
30°	902.1	1064.5	1238.0	1417.4	1614.6	1824.2	2044.6	2265.7	2486.4	2716.8	2948.0
27.5°	944.1	1116.2	1298.8	1490.8	1698.9	1921.6	2155.7	2392.5	2630.4	2875.4	3122.0
25°	982.8	1165.1	1355.2	1561.5	1782.0	2015.3	2259.2	2506.3	2767.2	3029.3	3286.9
22.5°	1020.6	1210.1	1407.5	1626.6	1857.3	2102.3	2356.2	2617.2	2889.8	3171.4	3437.9
20°	1056.9	1252.9	1458.4	1685.5	1924.7	2180.7	2444.5	2717.7	3003.7	3292.8	3579.6
17.5°	1089.1	1290.9	1505.8	1740.6	1989.1	2252.3	2524.0	2806.2	3105.0	3404.6	3708.4
15°	1117.2	1324.1	1546.9	1788.8	2046.0	2317.4	2597.8	2888.0	3194.5	3506.5	3822.3
12.5°	1140.9	1352.1	1581.4	1829.6	2094.3	2373.2	2661.2	2961.7	3276.4	3597.1	3922.1
10°	1160.2	1375.0	1609.4	1863.1	2133.7	2419.3	2713.4	3022.3	3346.5	3674.2	4006.0
7.5°	1176.7	1394.0	1631.5	1888.9	2164.1	2455.4	2754.1	3069.7	3402.3	3734.3	4073.4
5°	1188.6	1409.5	1651.9	1910.5	2190.5	2483.7	2784.9	3103.4	3443.2	3777.1	4122.3
2.5°	1195.8	1419.5	1665.8	1924.5	2211.3	2504.8	2812.2	3133.2	3473.1	3811.1	4159.0
0°	1198.2	1424.0	1672.9	1930.5	2222.8	2515.1	2827.7	3148.9	3487.5	3832.0	4182.2
-2.5°	1195.8	1419.5	1665.8	1924.5	2211.3	2504.8	2812.2	3133.2	3473.1	3811.1	4159.0
-5°	1188.6	1409.5	1651.9	1910.5	2190.5	2483.7	2784.9	3103.4	3443.2	3777.1	4122.3
-7.5°	1176.7	1394.0	1631.5	1888.9	2164.1	2455.4	2754.1	3069.7	3402.3	3734.3	4073.4
-10°	1160.2	1375.0	1609.4	1863.1	2133.7	2419.3	2713.4	3022.3	3346.5	3674.2	4006.0
-12.5°	1140.9	1352.1	1581.4	1829.6	2094.3	2373.2	2661.2	2961.7	3276.4	3597.1	3922.1
-15°	1117.2	1324.1	1546.9	1788.8	2046.0	2317.4	2597.8	2888.0	3194.5	3506.5	3822.3
-17.5°	1089.1	1290.9	1505.8	1740.6	1989.1	2252.3	2524.0	2806.2	3105.0	3404.6	3708.4
-20°	1056.9	1252.9	1458.4	1685.5	1924.7	2180.7	2444.5	2717.7	3003.7	3292.8	3579.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627111 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1020.6	1210.1	1407.5	1626.6	1857.3	2102.3	2356.2	2617.2	2889.8	3171.4	3437.9
-25°	982.8	1165.1	1355.2	1561.5	1782.0	2015.3	2259.2	2506.3	2767.2	3029.3	3286.9
-27.5°	944.1	1116.2	1298.8	1490.8	1698.9	1921.6	2155.7	2392.5	2630.4	2875.4	3122.0
-30°	902.1	1064.5	1238.0	1417.4	1614.6	1824.2	2044.6	2265.7	2486.4	2716.8	2948.0
-32.5°	857.6	1010.1	1176.0	1346.4	1526.7	1719.0	1924.1	2132.8	2341.4	2550.9	2767.9
-35°	813.2	958.2	1112.1	1271.3	1434.9	1614.3	1801.5	1994.1	2190.0	2386.1	2584.3
-37.5°	770.1	903.1	1045.2	1195.2	1349.4	1507.1	1674.6	1855.0	2035.8	2217.2	2401.5
-40°	724.0	845.0	980.2	1119.5	1257.0	1400.5	1554.7	1713.7	1880.3	2048.9	2216.0
-42.5°	676.1	791.2	913.9	1040.3	1167.0	1296.5	1431.4	1578.2	1725.5	1878.7	2032.6
-45°	632.8	734.7	846.0	963.0	1076.9	1192.8	1315.5	1441.1	1575.9	1708.8	1848.9
-47.5°	587.2	677.8	781.0	884.6	989.9	1094.5	1199.5	1313.2	1428.1	1548.9	1665.4
-50°	542.0	625.1	712.5	809.1	905.5	999.5	1093.7	1187.8	1288.9	1393.1	1498.3
-52.5°	503.4	570.1	649.8	732.9	822.1	909.9	992.0	1073.6	1158.1	1243.1	1335.9
-55°	463.4	523.1	586.8	661.0	738.3	820.0	894.8	966.5	1036.3	1111.4	1182.7
-57.5°	427.1	476.6	530.1	590.6	659.2	728.3	797.7	862.0	925.3	987.2	1046.4
-60°	392.7	432.1	476.7	527.1	581.3	642.8	701.9	761.6	817.6	868.4	920.7
-62.5°	357.5	389.9	425.2	466.3	512.7	559.0	610.9	663.4	714.5	759.3	800.7
-65°	319.1	346.1	375.2	408.1	444.5	483.6	524.3	566.3	611.6	649.7	684.3
-67.5°	279.0	302.0	325.2	349.5	379.0	409.8	440.2	475.2	511.0	542.7	571.0
-70°	232.8	256.7	276.4	295.6	315.3	338.3	364.1	389.4	415.5	444.0	471.5
-72.5°	185.6	207.3	226.1	242.1	256.5	271.9	289.1	307.9	331.3	357.1	380.7
-75°	141.4	158.4	175.3	190.0	200.3	207.9	215.0	226.5	248.7	274.5	297.0
-77.5°	99.5	115.0	128.5	139.9	146.1	151.6	156.0	159.4	176.4	198.5	220.5
-80°	62.7	71.9	84.2	95.0	99.7	102.1	103.2	103.0	116.2	133.7	152.2
-82.5°	35.2	42.5	49.4	56.0	57.7	57.7	57.2	57.3	67.8	79.7	91.9
-85°	11.3	13.0	18.1	22.9	25.3	26.7	27.4	27.3	31.7	36.9	42.4
-87.5°	5.7	6.5	7.4	8.3	8.4	8.4	8.3	8.2	8.6	8.9	9.2
-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: P627111 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-U-VWR-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°	9.5	9.8	10.0	10.3	10.5	10.7	10.9	11.1	11.2	10.6	10.0
85°	48.4	51.8	55.0	58.1	61.0	63.7	66.3	68.6	70.8	64.7	57.9
82.5°	104.4	112.8	120.8	128.7	136.6	138.5	139.1	138.8	137.7	127.0	115.0
80°	170.4	184.6	198.0	211.3	224.4	225.8	224.3	221.6	217.8	203.6	187.6
77.5°	242.5	260.3	276.0	290.3	303.3	305.8	305.5	304.8	303.7	289.3	271.8
75°	316.3	333.8	350.7	365.0	377.0	382.5	385.2	387.1	388.1	377.7	364.1
72.5°	402.0	420.2	435.1	449.0	460.7	469.3	475.4	480.0	483.2	480.0	474.5
70°	494.9	514.4	530.8	546.5	562.5	575.3	585.0	592.0	596.4	599.3	601.4
67.5°	599.6	625.8	648.6	668.1	687.4	705.5	720.4	732.5	741.9	749.9	756.0
65°	717.5	750.9	780.6	807.9	832.9	859.1	880.6	898.7	913.3	925.3	935.0
62.5°	841.5	882.5	920.6	957.5	993.7	1029.4	1056.8	1081.7	1103.8	1122.9	1138.0
60°	970.3	1016.9	1068.0	1116.8	1161.7	1202.7	1243.4	1278.7	1308.9	1333.9	1354.1
57.5°	1108.7	1169.1	1228.8	1289.4	1346.7	1400.3	1450.4	1494.6	1532.0	1562.7	1588.4
55°	1258.3	1333.8	1403.1	1479.5	1553.4	1620.6	1679.8	1731.8	1776.8	1814.5	1846.5
52.5°	1422.7	1514.4	1604.5	1691.4	1775.3	1853.2	1924.1	1984.7	2038.6	2084.8	2121.7
50°	1602.7	1707.6	1811.9	1908.6	2005.0	2094.9	2176.1	2246.4	2309.1	2363.4	2406.1
47.5°	1790.9	1910.3	2026.8	2137.5	2244.2	2344.1	2432.0	2512.2	2590.3	2654.1	2704.5
45°	1986.3	2120.3	2248.8	2375.4	2492.8	2604.8	2713.3	2813.1	2893.3	2963.6	3022.6
42.5°	2184.1	2333.5	2477.5	2615.6	2744.7	2874.2	2996.2	3105.3	3196.8	3276.7	3343.8
40°	2384.5	2548.1	2706.6	2857.2	3004.8	3146.0	3278.0	3393.1	3496.3	3591.2	3670.2
37.5°	2583.8	2763.8	2939.5	3108.2	3270.7	3423.6	3566.3	3696.3	3812.8	3920.8	4008.6
35°	2784.1	2981.5	3173.8	3359.5	3537.0	3705.8	3862.0	4009.9	4147.2	4256.6	4346.4
32.5°	2983.5	3195.8	3405.1	3609.5	3803.8	3985.8	4155.0	4318.5	4459.6	4579.9	4683.2
30°	3176.5	3406.5	3634.5	3856.1	4065.9	4263.1	4450.5	4623.4	4775.2	4906.8	5022.5
27.5°	3365.9	3613.0	3857.6	4094.3	4321.2	4535.5	4740.0	4927.5	5093.1	5236.2	5358.2
25°	3545.0	3810.5	4071.2	4322.2	4564.6	4800.9	5021.7	5226.3	5403.2	5560.2	5685.7
22.5°	3716.0	3999.2	4273.1	4537.2	4796.4	5051.1	5292.9	5506.5	5694.0	5858.2	5997.0
20°	3875.3	4178.8	4459.0	4738.3	5011.4	5283.4	5542.9	5768.3	5966.8	6141.5	6294.5
17.5°	4024.2	4335.5	4630.6	4927.9	5215.8	5501.1	5764.8	6006.3	6220.5	6406.0	6566.3
15°	4150.3	4464.7	4786.9	5104.4	5407.9	5696.9	5960.4	6212.6	6450.4	6651.0	6813.5
12.5°	4252.4	4579.4	4915.5	5252.5	5573.5	5862.1	6137.9	6393.8	6643.6	6869.0	7018.3
10°	4339.4	4676.1	5023.1	5366.8	5692.1	5997.5	6297.3	6567.9	6813.3	7015.2	7182.0
7.5°	4414.6	4761.5	5113.9	5458.2	5782.4	6097.9	6406.6	6694.0	6941.7	7131.8	7280.6
5°	4470.1	4825.2	5184.4	5531.9	5860.6	6177.1	6487.2	6771.0	7012.8	7206.3	7368.6
2.5°	4509.8	4868.2	5230.0	5578.0	5914.0	6231.3	6549.2	6836.1	7070.3	7247.5	7402.9
0°	4535.3	4894.1	5258.8	5614.8	5944.7	6251.5	6593.1	6862.2	7105.3	7281.9	7444.0
-2.5°	4509.8	4868.2	5230.0	5578.0	5914.0	6231.3	6549.2	6836.1	7070.3	7247.5	7402.9
-5°	4470.1	4825.2	5184.4	5531.9	5860.6	6177.1	6487.2	6771.0	7012.8	7206.3	7368.6
-7.5°	4414.6	4761.5	5113.9	5458.2	5782.4	6097.9	6406.6	6694.0	6941.7	7131.8	7280.6
-10°	4339.4	4676.1	5023.1	5366.8	5692.1	5997.5	6297.3	6567.9	6813.3	7015.2	7182.0
-12.5°	4252.4	4579.4	4915.5	5252.5	5573.5	5862.1	6137.9	6393.8	6643.6	6869.0	7018.3
-15°	4150.3	4464.7	4786.9	5104.4	5407.9	5696.9	5960.4	6212.6	6450.4	6651.0	6813.5
-17.5°	4024.2	4335.5	4630.6	4927.9	5215.8	5501.1	5764.8	6006.3	6220.5	6406.0	6566.3
-20°	3875.3	4178.8	4459.0	4738.3	5011.4	5283.4	5542.9	5768.3	5966.8	6141.5	6294.5

Classified

Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627111 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3716.0	3999.2	4273.1	4537.2	4796.4	5051.1	5292.9	5506.5	5694.0	5858.2	5997.0
-25°	3545.0	3810.5	4071.2	4322.2	4564.6	4800.9	5021.7	5226.3	5403.2	5560.2	5685.7
-27.5°	3365.9	3613.0	3857.6	4094.3	4321.2	4535.5	4740.0	4927.5	5093.1	5236.2	5358.2
-30°	3176.5	3406.5	3634.5	3856.1	4065.9	4263.1	4450.5	4623.4	4775.2	4906.8	5022.5
-32.5°	2983.5	3195.8	3405.1	3609.5	3803.8	3985.8	4155.0	4318.5	4459.6	4579.9	4683.2
-35°	2784.1	2981.5	3173.8	3359.5	3537.0	3705.8	3862.0	4009.9	4147.2	4256.6	4346.4
-37.5°	2583.8	2763.8	2939.5	3108.2	3270.7	3423.6	3566.3	3696.3	3812.8	3920.8	4008.6
-40°	2384.5	2548.1	2706.6	2857.2	3004.8	3146.0	3278.0	3393.1	3496.3	3591.2	3670.2
-42.5°	2184.1	2333.5	2477.5	2615.6	2744.7	2874.2	2996.2	3105.3	3196.8	3276.7	3343.8
-45°	1986.3	2120.3	2248.8	2375.4	2492.8	2604.8	2713.3	2813.1	2893.3	2963.6	3022.6
-47.5°	1790.9	1910.3	2026.8	2137.5	2244.2	2344.1	2432.0	2512.2	2590.3	2654.1	2704.5
-50°	1602.7	1707.6	1811.9	1908.6	2005.0	2094.9	2176.1	2246.4	2309.1	2363.4	2406.1
-52.5°	1422.7	1514.4	1604.5	1691.4	1775.3	1853.2	1924.1	1984.7	2038.6	2084.8	2121.7
-55°	1258.3	1333.8	1403.1	1479.5	1553.4	1620.6	1679.8	1731.8	1776.8	1814.5	1846.5
-57.5°	1108.7	1169.1	1228.8	1289.4	1346.7	1400.3	1450.4	1494.6	1532.0	1562.7	1588.4
-60°	970.3	1016.9	1068.0	1116.8	1161.7	1202.7	1243.4	1278.7	1308.9	1333.9	1354.1
-62.5°	841.5	882.5	920.6	957.5	993.7	1029.4	1056.8	1081.7	1103.8	1122.9	1138.0
-65°	717.5	750.9	780.6	807.9	832.9	859.1	880.6	898.7	913.3	925.3	935.0
-67.5°	599.6	625.8	648.6	668.1	687.4	705.5	720.4	732.5	741.9	749.9	756.0
-70°	494.9	514.4	530.8	546.5	562.5	575.3	585.0	592.0	596.4	599.3	601.4
-72.5°	402.0	420.2	435.1	449.0	460.7	469.3	475.4	480.0	483.2	480.0	474.5
-75°	316.3	333.8	350.7	365.0	377.0	382.5	385.2	387.1	388.1	377.7	364.1
-77.5°	242.5	260.3	276.0	290.3	303.3	305.8	305.5	304.8	303.7	289.3	271.8
-80°	170.4	184.6	198.0	211.3	224.4	225.8	224.3	221.6	217.8	203.6	187.6
-82.5°	104.4	112.8	120.8	128.7	136.6	138.5	139.1	138.8	137.7	127.0	115.0
-85°	48.4	51.8	55.0	58.1	61.0	63.7	66.3	68.6	70.8	64.7	57.9
-87.5°	9.5	9.8	10.0	10.3	10.5	10.7	10.9	11.1	11.2	10.6	10.0
-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: P627111 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-740-U-VWR-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°	9.3	8.7	8.7	8.7	8.7	8.7	9.3	10.0	10.6	11.2	11.1
85°	50.7	43.2	40.5	37.6	40.5	43.2	50.7	57.9	64.7	70.8	68.6
82.5°	102.5	89.4	85.3	81.0	85.3	89.4	102.5	115.0	127.0	137.7	138.8
80°	170.7	153.0	146.0	138.9	146.0	153.0	170.7	187.6	203.6	217.8	221.6
77.5°	253.3	233.8	225.6	217.1	225.6	233.8	253.3	271.8	289.3	303.7	304.8
75°	349.8	334.6	325.4	315.5	325.4	334.6	349.8	364.1	377.7	388.1	387.1
72.5°	468.1	460.7	453.9	445.7	453.9	460.7	468.1	474.5	480.0	483.2	480.0
70°	602.1	601.2	602.4	602.0	602.4	601.2	602.1	601.4	599.3	596.4	592.0
67.5°	759.2	759.4	762.6	764.1	762.6	759.4	759.2	756.0	749.9	741.9	732.5
65°	940.9	943.1	942.3	937.7	942.3	943.1	940.9	935.0	925.3	913.3	898.7
62.5°	1148.8	1155.1	1158.5	1157.7	1158.5	1155.1	1148.8	1138.0	1122.9	1103.8	1081.7
60°	1369.2	1379.0	1383.9	1383.4	1383.9	1379.0	1369.2	1354.1	1333.9	1308.9	1278.7
57.5°	1607.6	1620.1	1623.1	1617.9	1623.1	1620.1	1607.6	1588.4	1562.7	1532.0	1494.6
55°	1870.6	1886.7	1892.9	1889.9	1892.9	1886.7	1870.6	1846.5	1814.5	1776.8	1731.8
52.5°	2148.7	2166.0	2172.2	2167.8	2172.2	2166.0	2148.7	2121.7	2084.8	2038.6	1984.7
50°	2437.5	2458.6	2467.1	2463.0	2467.1	2458.6	2437.5	2406.1	2363.4	2309.1	2246.4
47.5°	2744.1	2772.1	2783.0	2775.6	2783.0	2772.1	2744.1	2704.5	2654.1	2590.3	2512.2
45°	3066.7	3095.7	3107.0	3099.7	3107.0	3095.7	3066.7	3022.6	2963.6	2893.3	2813.1
42.5°	3395.0	3432.8	3448.7	3435.5	3448.7	3432.8	3395.0	3343.8	3276.7	3196.8	3105.3
40°	3729.2	3770.1	3789.0	3779.9	3789.0	3770.1	3729.2	3670.2	3591.2	3496.3	3393.1
37.5°	4071.9	4112.7	4132.7	4133.0	4132.7	4112.7	4071.9	4008.6	3920.8	3812.8	3696.3
35°	4415.9	4465.3	4493.2	4491.8	4493.2	4465.3	4415.9	4346.4	4256.6	4147.2	4009.9
32.5°	4764.8	4818.2	4846.7	4850.7	4846.7	4818.2	4764.8	4683.2	4579.9	4459.6	4318.5
30°	5113.0	5171.7	5204.8	5218.3	5204.8	5171.7	5113.0	5022.5	4906.8	4775.2	4623.4
27.5°	5450.7	5523.0	5572.9	5577.2	5572.9	5523.0	5450.7	5358.2	5236.2	5093.1	4927.5
25°	5777.8	5851.3	5902.5	5912.9	5902.5	5851.3	5777.8	5685.7	5560.2	5403.2	5226.3
22.5°	6100.1	6177.0	6224.3	6242.9	6224.3	6177.0	6100.1	5997.0	5858.2	5694.0	5506.5
20°	6407.9	6491.2	6541.3	6561.2	6541.3	6491.2	6407.9	6294.5	6141.5	5966.8	5768.3
17.5°	6686.2	6774.3	6836.1	6853.5	6836.1	6774.3	6686.2	6566.3	6406.0	6220.5	6006.3
15°	6931.3	7014.8	7073.5	7096.7	7073.5	7014.8	6931.3	6813.5	6651.0	6450.4	6212.6
12.5°	7130.7	7205.4	7251.4	7273.2	7251.4	7205.4	7130.7	7018.3	6869.0	6643.6	6393.8
10°	7286.5	7361.4	7405.3	7435.3	7405.3	7361.4	7286.5	7182.0	7015.2	6813.3	6567.9
7.5°	7421.7	7498.5	7552.2	7594.5	7552.2	7498.5	7421.7	7280.6	7131.8	6941.7	6694.0
5°	7496.4	7624.6	7643.9	7672.6	7643.9	7624.6	7496.4	7368.6	7206.3	7012.8	6771.0
2.5°	7553.3	7644.2	7698.9	7692.9	7698.9	7644.2	7553.3	7402.9	7247.5	7070.3	6836.1
0°	7594.5	7675.5	7695.8	7721.8	7695.8	7675.5	7594.5	7444.0	7281.9	7105.3	6862.2
-2.5°	7553.3	7644.2	7698.9	7692.9	7698.9	7644.2	7553.3	7402.9	7247.5	7070.3	6836.1
-5°	7496.4	7624.6	7643.9	7672.6	7643.9	7624.6	7496.4	7368.6	7206.3	7012.8	6771.0
-7.5°	7421.7	7498.5	7552.2	7594.5	7552.2	7498.5	7421.7	7280.6	7131.8	6941.7	6694.0
-10°	7286.5	7361.4	7405.3	7435.3	7405.3	7361.4	7286.5	7182.0	7015.2	6813.3	6567.9
-12.5°	7130.7	7205.4	7251.4	7273.2	7251.4	7205.4	7130.7	7018.3	6869.0	6643.6	6393.8
-15°	6931.3	7014.8	7073.5	7096.7	7073.5	7014.8	6931.3	6813.5	6651.0	6450.4	6212.6
-17.5°	6686.2	6774.3	6836.1	6853.5	6836.1	6774.3	6686.2	6566.3	6406.0	6220.5	6006.3
-20°	6407.9	6491.2	6541.3	6561.2	6541.3	6491.2	6407.9	6294.5	6141.5	5966.8	5768.3



REPORT NUMBER: P627111 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-740-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	6100.1	6177.0	6224.3	6242.9	6224.3	6177.0	6100.1	5997.0	5858.2	5694.0	5506.5
-25°	5777.8	5851.3	5902.5	5912.9	5902.5	5851.3	5777.8	5685.7	5560.2	5403.2	5226.3
-27.5°	5450.7	5523.0	5572.9	5577.2	5572.9	5523.0	5450.7	5358.2	5236.2	5093.1	4927.5
-30°	5113.0	5171.7	5204.8	5218.3	5204.8	5171.7	5113.0	5022.5	4906.8	4775.2	4623.4
-32.5°	4764.8	4818.2	4846.7	4850.7	4846.7	4818.2	4764.8	4683.2	4579.9	4459.6	4318.5
-35°	4415.9	4465.3	4493.2	4491.8	4493.2	4465.3	4415.9	4346.4	4256.6	4147.2	4009.9
-37.5°	4071.9	4112.7	4132.7	4133.0	4132.7	4112.7	4071.9	4008.6	3920.8	3812.8	3696.3
-40°	3729.2	3770.1	3789.0	3779.9	3789.0	3770.1	3729.2	3670.2	3591.2	3496.3	3393.1
-42.5°	3395.0	3432.8	3448.7	3435.5	3448.7	3432.8	3395.0	3343.8	3276.7	3196.8	3105.3
-45°	3066.7	3095.7	3107.0	3099.7	3107.0	3095.7	3066.7	3022.6	2963.6	2893.3	2813.1
-47.5°	2744.1	2772.1	2783.0	2775.6	2783.0	2772.1	2744.1	2704.5	2654.1	2590.3	2512.2
-50°	2437.5	2458.6	2467.1	2463.0	2467.1	2458.6	2437.5	2406.1	2363.4	2309.1	2246.4
-52.5°	2148.7	2166.0	2172.2	2167.8	2172.2	2166.0	2148.7	2121.7	2084.8	2038.6	1984.7
-55°	1870.6	1886.7	1892.9	1889.9	1892.9	1886.7	1870.6	1846.5	1814.5	1776.8	1731.8
-57.5°	1607.6	1620.1	1623.1	1617.9	1623.1	1620.1	1607.6	1588.4	1562.7	1532.0	1494.6
-60°	1369.2	1379.0	1383.9	1383.4	1383.9	1379.0	1369.2	1354.1	1333.9	1308.9	1278.7
-62.5°	1148.8	1155.1	1158.5	1157.7	1158.5	1155.1	1148.8	1138.0	1122.9	1103.8	1081.7
-65°	940.9	943.1	942.3	937.7	942.3	943.1	940.9	935.0	925.3	913.3	898.7
-67.5°	759.2	759.4	762.6	764.1	762.6	759.4	759.2	756.0	749.9	741.9	732.5
-70°	602.1	601.2	602.4	602.0	602.4	601.2	602.1	601.4	599.3	596.4	592.0
-72.5°	468.1	460.7	453.9	445.7	453.9	460.7	468.1	474.5	480.0	483.2	480.0
-75°	349.8	334.6	325.4	315.5	325.4	334.6	349.8	364.1	377.7	388.1	387.1
-77.5°	253.3	233.8	225.6	217.1	225.6	233.8	253.3	271.8	289.3	303.7	304.8
-80°	170.7	153.0	146.0	138.9	146.0	153.0	170.7	187.6	203.6	217.8	221.6
-82.5°	102.5	89.4	85.3	81.0	85.3	89.4	102.5	115.0	127.0	137.7	138.8
-85°	50.7	43.2	40.5	37.6	40.5	43.2	50.7	57.9	64.7	70.8	68.6
-87.5°	9.3	8.7	8.7	8.7	8.7	8.7	9.3	10.0	10.6	11.2	11.1
-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: P627111 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-740-U-VWR-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°	10.9	10.7	10.5	10.3	10.0	9.8	9.5	9.2	8.9	8.6	8.2
85°	66.3	63.7	61.0	58.1	55.0	51.8	48.4	42.4	36.9	31.7	27.3
82.5°	139.1	138.5	136.6	128.7	120.8	112.8	104.4	91.9	79.7	67.8	57.3
80°	224.3	225.8	224.4	211.3	198.0	184.6	170.4	152.2	133.7	116.2	103.0
77.5°	305.5	305.8	303.3	290.3	276.0	260.3	242.5	220.5	198.5	176.4	159.4
75°	385.2	382.5	377.0	365.0	350.7	333.8	316.3	297.0	274.5	248.7	226.5
72.5°	475.4	469.3	460.7	449.0	435.1	420.2	402.0	380.7	357.1	331.3	307.9
70°	585.0	575.3	562.5	546.5	530.8	514.4	494.9	471.5	444.0	415.5	389.4
67.5°	720.4	705.5	687.4	668.1	648.6	625.8	599.6	571.0	542.7	511.0	475.2
65°	880.6	859.1	832.9	807.9	780.6	750.9	717.5	684.3	649.7	611.6	566.3
62.5°	1056.8	1029.4	993.7	957.5	920.6	882.5	841.5	800.7	759.3	714.5	663.4
60°	1243.4	1202.7	1161.7	1116.8	1068.0	1016.9	970.3	920.7	868.4	817.6	761.6
57.5°	1450.4	1400.3	1346.7	1289.4	1228.8	1169.1	1108.7	1046.4	987.2	925.3	862.0
55°	1679.8	1620.6	1553.4	1479.5	1403.1	1333.8	1258.3	1182.7	1111.4	1036.3	966.5
52.5°	1924.1	1853.2	1775.3	1691.4	1604.5	1514.4	1422.7	1335.9	1243.1	1158.1	1073.6
50°	2176.1	2094.9	2005.0	1908.6	1811.9	1707.6	1602.7	1498.3	1393.1	1288.9	1187.8
47.5°	2432.0	2344.1	2244.2	2137.5	2026.8	1910.3	1790.9	1665.4	1548.9	1428.1	1313.2
45°	2713.3	2604.8	2492.8	2375.4	2248.8	2120.3	1986.3	1848.9	1708.8	1575.9	1441.1
42.5°	2996.2	2874.2	2744.7	2615.6	2477.5	2333.5	2184.1	2032.6	1878.7	1725.5	1578.2
40°	3278.0	3146.0	3004.8	2857.2	2706.6	2548.1	2384.5	2216.0	2048.9	1880.3	1713.7
37.5°	3566.3	3423.6	3270.7	3108.2	2939.5	2763.8	2583.8	2401.5	2217.2	2035.8	1855.0
35°	3862.0	3705.8	3537.0	3359.5	3173.8	2981.5	2784.1	2584.3	2386.1	2190.0	1994.1
32.5°	4155.0	3985.8	3803.8	3609.5	3405.1	3195.8	2983.5	2767.9	2550.9	2341.4	2132.8
30°	4450.5	4263.1	4065.9	3856.1	3634.5	3406.5	3176.5	2948.0	2716.8	2486.4	2265.7
27.5°	4740.0	4535.5	4321.2	4094.3	3857.6	3613.0	3365.9	3122.0	2875.4	2630.4	2392.5
25°	5021.7	4800.9	4564.6	4322.2	4071.2	3810.5	3545.0	3286.9	3029.3	2767.2	2506.3
22.5°	5292.9	5051.1	4796.4	4537.2	4273.1	3999.2	3716.0	3437.9	3171.4	2889.8	2617.2
20°	5542.9	5283.4	5011.4	4738.3	4459.0	4178.8	3875.3	3579.6	3292.8	3003.7	2717.7
17.5°	5764.8	5501.1	5215.8	4927.9	4630.6	4335.5	4024.2	3708.4	3404.6	3105.0	2806.2
15°	5960.4	5696.9	5407.9	5104.4	4786.9	4464.7	4150.3	3822.3	3506.5	3194.5	2888.0
12.5°	6137.9	5862.1	5573.5	5252.5	4915.5	4579.4	4252.4	3922.1	3597.1	3276.4	2961.7
10°	6297.3	5997.5	5692.1	5366.8	5023.1	4676.1	4339.4	4006.0	3674.2	3346.5	3022.3
7.5°	6406.6	6097.9	5782.4	5458.2	5113.9	4761.5	4414.6	4073.4	3734.3	3402.3	3069.7
5°	6487.2	6177.1	5860.6	5531.9	5184.4	4825.2	4470.1	4122.3	3777.1	3443.2	3103.4
2.5°	6549.2	6231.3	5914.0	5578.0	5230.0	4868.2	4509.8	4159.0	3811.1	3473.1	3133.2
0°	6593.1	6251.5	5944.7	5614.8	5258.8	4894.1	4535.3	4182.2	3832.0	3487.5	3148.9
-2.5°	6549.2	6231.3	5914.0	5578.0	5230.0	4868.2	4509.8	4159.0	3811.1	3473.1	3133.2
-5°	6487.2	6177.1	5860.6	5531.9	5184.4	4825.2	4470.1	4122.3	3777.1	3443.2	3103.4
-7.5°	6406.6	6097.9	5782.4	5458.2	5113.9	4761.5	4414.6	4073.4	3734.3	3402.3	3069.7
-10°	6297.3	5997.5	5692.1	5366.8	5023.1	4676.1	4339.4	4006.0	3674.2	3346.5	3022.3
-12.5°	6137.9	5862.1	5573.5	5252.5	4915.5	4579.4	4252.4	3922.1	3597.1	3276.4	2961.7
-15°	5960.4	5696.9	5407.9	5104.4	4786.9	4464.7	4150.3	3822.3	3506.5	3194.5	2888.0
-17.5°	5764.8	5501.1	5215.8	4927.9	4630.6	4335.5	4024.2	3708.4	3404.6	3105.0	2806.2
-20°	5542.9	5283.4	5011.4	4738.3	4459.0	4178.8	3875.3	3579.6	3292.8	3003.7	2717.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627111 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5292.9	5051.1	4796.4	4537.2	4273.1	3999.2	3716.0	3437.9	3171.4	2889.8	2617.2
-25°	5021.7	4800.9	4564.6	4322.2	4071.2	3810.5	3545.0	3286.9	3029.3	2767.2	2506.3
-27.5°	4740.0	4535.5	4321.2	4094.3	3857.6	3613.0	3365.9	3122.0	2875.4	2630.4	2392.5
-30°	4450.5	4263.1	4065.9	3856.1	3634.5	3406.5	3176.5	2948.0	2716.8	2486.4	2265.7
-32.5°	4155.0	3985.8	3803.8	3609.5	3405.1	3195.8	2983.5	2767.9	2550.9	2341.4	2132.8
-35°	3862.0	3705.8	3537.0	3359.5	3173.8	2981.5	2784.1	2584.3	2386.1	2190.0	1994.1
-37.5°	3566.3	3423.6	3270.7	3108.2	2939.5	2763.8	2583.8	2401.5	2217.2	2035.8	1855.0
-40°	3278.0	3146.0	3004.8	2857.2	2706.6	2548.1	2384.5	2216.0	2048.9	1880.3	1713.7
-42.5°	2996.2	2874.2	2744.7	2615.6	2477.5	2333.5	2184.1	2032.6	1878.7	1725.5	1578.2
-45°	2713.3	2604.8	2492.8	2375.4	2248.8	2120.3	1986.3	1848.9	1708.8	1575.9	1441.1
-47.5°	2432.0	2344.1	2244.2	2137.5	2026.8	1910.3	1790.9	1665.4	1548.9	1428.1	1313.2
-50°	2176.1	2094.9	2005.0	1908.6	1811.9	1707.6	1602.7	1498.3	1393.1	1288.9	1187.8
-52.5°	1924.1	1853.2	1775.3	1691.4	1604.5	1514.4	1422.7	1335.9	1243.1	1158.1	1073.6
-55°	1679.8	1620.6	1553.4	1479.5	1403.1	1333.8	1258.3	1182.7	1111.4	1036.3	966.5
-57.5°	1450.4	1400.3	1346.7	1289.4	1228.8	1169.1	1108.7	1046.4	987.2	925.3	862.0
-60°	1243.4	1202.7	1161.7	1116.8	1068.0	1016.9	970.3	920.7	868.4	817.6	761.6
-62.5°	1056.8	1029.4	993.7	957.5	920.6	882.5	841.5	800.7	759.3	714.5	663.4
-65°	880.6	859.1	832.9	807.9	780.6	750.9	717.5	684.3	649.7	611.6	566.3
-67.5°	720.4	705.5	687.4	668.1	648.6	625.8	599.6	571.0	542.7	511.0	475.2
-70°	585.0	575.3	562.5	546.5	530.8	514.4	494.9	471.5	444.0	415.5	389.4
-72.5°	475.4	469.3	460.7	449.0	435.1	420.2	402.0	380.7	357.1	331.3	307.9
-75°	385.2	382.5	377.0	365.0	350.7	333.8	316.3	297.0	274.5	248.7	226.5
-77.5°	305.5	305.8	303.3	290.3	276.0	260.3	242.5	220.5	198.5	176.4	159.4
-80°	224.3	225.8	224.4	211.3	198.0	184.6	170.4	152.2	133.7	116.2	103.0
-82.5°	139.1	138.5	136.6	128.7	120.8	112.8	104.4	91.9	79.7	67.8	57.3
-85°	66.3	63.7	61.0	58.1	55.0	51.8	48.4	42.4	36.9	31.7	27.3
-87.5°	10.9	10.7	10.5	10.3	10.0	9.8	9.5	9.2	8.9	8.6	8.2
-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: P627111 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-U-VWR-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°	8.3	8.4	8.4	8.3	7.4	6.5	5.7	4.9	4.4	4.0	3.5
85°	27.4	26.7	25.3	22.9	18.1	13.0	11.3	9.8	8.9	7.9	7.0
82.5°	57.2	57.7	57.7	56.0	49.4	42.5	35.2	27.7	20.5	13.1	10.4
80°	103.2	102.1	99.7	95.0	84.2	71.9	62.7	53.2	43.9	34.1	24.0
77.5°	156.0	151.6	146.1	139.9	128.5	115.0	99.5	82.0	67.1	55.1	42.6
75°	215.0	207.9	200.3	190.0	175.3	158.4	141.4	120.9	98.2	76.7	61.1
72.5°	289.1	271.9	256.5	242.1	226.1	207.3	185.6	159.2	131.6	105.5	81.0
70°	364.1	338.3	315.3	295.6	276.4	256.7	232.8	200.3	164.4	133.7	104.9
67.5°	440.2	409.8	379.0	349.5	325.2	302.0	279.0	241.2	200.0	161.3	128.2
65°	524.3	483.6	444.5	408.1	375.2	346.1	319.1	279.5	234.6	191.0	150.8
62.5°	610.9	559.0	512.7	466.3	425.2	389.9	357.5	313.7	267.7	219.8	174.5
60°	701.9	642.8	581.3	527.1	476.7	432.1	392.7	347.5	298.6	247.5	198.0
57.5°	797.7	728.3	659.2	590.6	530.1	476.6	427.1	379.5	329.0	274.8	219.9
55°	894.8	820.0	738.3	661.0	586.8	523.1	463.4	410.2	358.4	301.6	238.8
52.5°	992.0	909.9	822.1	732.9	649.8	570.1	503.4	440.1	385.4	327.8	258.5
50°	1093.7	999.5	905.5	809.1	712.5	625.1	542.0	474.4	411.6	352.7	277.1
47.5°	1199.5	1094.5	989.9	884.6	781.0	677.8	587.2	508.0	437.0	375.3	294.5
45°	1315.5	1192.8	1076.9	963.0	846.0	734.7	632.8	540.2	465.7	392.8	310.5
42.5°	1431.4	1296.5	1167.0	1040.3	913.9	791.2	676.1	578.0	493.2	409.6	325.2
40°	1554.7	1400.5	1257.0	1119.5	980.2	845.0	724.0	614.9	518.9	427.1	339.2
37.5°	1674.6	1507.1	1349.4	1195.2	1045.2	903.1	770.1	649.6	543.3	446.7	352.4
35°	1801.5	1614.3	1434.9	1271.3	1112.1	958.2	813.2	684.4	571.5	465.8	364.9
32.5°	1924.1	1719.0	1526.7	1346.4	1176.0	1010.1	857.6	721.4	598.5	484.3	376.5
30°	2044.6	1824.2	1614.6	1417.4	1238.0	1064.5	902.1	755.9	624.4	502.2	388.2
27.5°	2155.7	1921.6	1698.9	1490.8	1298.8	1116.2	944.1	787.9	648.9	520.6	401.7
25°	2259.2	2015.3	1782.0	1561.5	1355.2	1165.1	982.8	817.5	673.9	539.8	414.3
22.5°	2356.2	2102.3	1857.3	1626.6	1407.5	1210.1	1020.6	849.0	697.5	557.5	425.8
20°	2444.5	2180.7	1924.7	1685.5	1458.4	1252.9	1056.9	877.3	718.6	573.5	436.2
17.5°	2524.0	2252.3	1989.1	1740.6	1505.8	1290.9	1089.1	902.2	737.2	587.8	445.3
15°	2597.8	2317.4	2046.0	1788.8	1546.9	1324.1	1117.2	923.7	753.1	600.2	454.0
12.5°	2661.2	2373.2	2094.3	1829.6	1581.4	1352.1	1140.9	941.7	766.2	611.5	462.2
10°	2713.4	2419.3	2133.7	1863.1	1609.4	1375.0	1160.2	956.9	778.6	621.2	468.5
7.5°	2754.1	2455.4	2164.1	1888.9	1631.5	1394.0	1176.7	970.0	788.6	628.6	472.9
5°	2784.9	2483.7	2190.5	1910.5	1651.9	1409.5	1188.6	979.4	795.8	633.8	475.4
2.5°	2812.2	2504.8	2211.3	1924.5	1665.8	1419.5	1195.8	985.0	800.2	636.5	476.0
0°	2827.7	2515.1	2222.8	1930.5	1672.9	1424.0	1198.2	986.9	801.7	636.7	474.7
-2.5°	2812.2	2504.8	2211.3	1924.5	1665.8	1419.5	1195.8	985.0	800.2	636.5	476.0
-5°	2784.9	2483.7	2190.5	1910.5	1651.9	1409.5	1188.6	979.4	795.8	633.8	475.4
-7.5°	2754.1	2455.4	2164.1	1888.9	1631.5	1394.0	1176.7	970.0	788.6	628.6	472.9
-10°	2713.4	2419.3	2133.7	1863.1	1609.4	1375.0	1160.2	956.9	778.6	621.2	468.5
-12.5°	2661.2	2373.2	2094.3	1829.6	1581.4	1352.1	1140.9	941.7	766.2	611.5	462.2
-15°	2597.8	2317.4	2046.0	1788.8	1546.9	1324.1	1117.2	923.7	753.1	600.2	454.0
-17.5°	2524.0	2252.3	1989.1	1740.6	1505.8	1290.9	1089.1	902.2	737.2	587.8	445.3
-20°	2444.5	2180.7	1924.7	1685.5	1458.4	1252.9	1056.9	877.3	718.6	573.5	436.2

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Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P627111 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2356.2	2102.3	1857.3	1626.6	1407.5	1210.1	1020.6	849.0	697.5	557.5	425.8
-25°	2259.2	2015.3	1782.0	1561.5	1355.2	1165.1	982.8	817.5	673.9	539.8	414.3
-27.5°	2155.7	1921.6	1698.9	1490.8	1298.8	1116.2	944.1	787.9	648.9	520.6	401.7
-30°	2044.6	1824.2	1614.6	1417.4	1238.0	1064.5	902.1	755.9	624.4	502.2	388.2
-32.5°	1924.1	1719.0	1526.7	1346.4	1176.0	1010.1	857.6	721.4	598.5	484.3	376.5
-35°	1801.5	1614.3	1434.9	1271.3	1112.1	958.2	813.2	684.4	571.5	465.8	364.9
-37.5°	1674.6	1507.1	1349.4	1195.2	1045.2	903.1	770.1	649.6	543.3	446.7	352.4
-40°	1554.7	1400.5	1257.0	1119.5	980.2	845.0	724.0	614.9	518.9	427.1	339.2
-42.5°	1431.4	1296.5	1167.0	1040.3	913.9	791.2	676.1	578.0	493.2	409.6	325.2
-45°	1315.5	1192.8	1076.9	963.0	846.0	734.7	632.8	540.2	465.7	392.8	310.5
-47.5°	1199.5	1094.5	989.9	884.6	781.0	677.8	587.2	508.0	437.0	375.3	294.5
-50°	1093.7	999.5	905.5	809.1	712.5	625.1	542.0	474.4	411.6	352.7	277.1
-52.5°	992.0	909.9	822.1	732.9	649.8	570.1	503.4	440.1	385.4	327.8	258.5
-55°	894.8	820.0	738.3	661.0	586.8	523.1	463.4	410.2	358.4	301.6	238.8
-57.5°	797.7	728.3	659.2	590.6	530.1	476.6	427.1	379.5	329.0	274.8	219.9
-60°	701.9	642.8	581.3	527.1	476.7	432.1	392.7	347.5	298.6	247.5	198.0
-62.5°	610.9	559.0	512.7	466.3	425.2	389.9	357.5	313.7	267.7	219.8	174.5
-65°	524.3	483.6	444.5	408.1	375.2	346.1	319.1	279.5	234.6	191.0	150.8
-67.5°	440.2	409.8	379.0	349.5	325.2	302.0	279.0	241.2	200.0	161.3	128.2
-70°	364.1	338.3	315.3	295.6	276.4	256.7	232.8	200.3	164.4	133.7	104.9
-72.5°	289.1	271.9	256.5	242.1	226.1	207.3	185.6	159.2	131.6	105.5	81.0
-75°	215.0	207.9	200.3	190.0	175.3	158.4	141.4	120.9	98.2	76.7	61.1
-77.5°	156.0	151.6	146.1	139.9	128.5	115.0	99.5	82.0	67.1	55.1	42.6
-80°	103.2	102.1	99.7	95.0	84.2	71.9	62.7	53.2	43.9	34.1	24.0
-82.5°	57.2	57.7	57.7	56.0	49.4	42.5	35.2	27.7	20.5	13.1	10.4
-85°	27.4	26.7	25.3	22.9	18.1	13.0	11.3	9.8	8.9	7.9	7.0
-87.5°	8.3	8.4	8.4	8.3	7.4	6.5	5.7	4.9	4.4	4.0	3.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P627111 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-U-VWR-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°	3.0	2.5	2.0	1.5	1.0	0.4	0.0
85°	6.0	5.0	4.0	3.0	2.0	0.9	0.0
82.5°	9.0	7.5	6.0	4.5	3.0	1.3	0.0
80°	13.5	10.0	8.0	6.0	4.0	1.8	0.0
77.5°	29.4	15.7	10.0	7.5	5.0	2.2	0.0
75°	44.9	27.1	13.0	9.0	5.9	2.6	0.0
72.5°	59.9	38.1	20.7	10.4	6.9	3.0	0.0
70°	74.9	48.8	28.2	12.5	7.8	3.4	0.0
67.5°	93.0	59.1	35.4	17.1	8.7	3.8	0.0
65°	110.2	70.5	42.2	21.5	9.6	4.2	0.0
62.5°	126.6	83.1	48.7	25.8	10.4	4.6	0.0
60°	142.0	95.0	54.8	29.8	11.2	5.0	0.0
57.5°	158.3	106.2	62.9	33.5	13.5	5.3	0.0
55°	173.7	116.6	70.7	37.0	15.6	5.7	0.0
52.5°	187.9	126.4	77.9	40.3	17.8	6.0	0.0
50°	201.0	136.9	84.5	43.3	19.8	6.3	0.0
47.5°	213.2	146.5	90.6	46.3	21.7	6.6	0.0
45°	226.8	155.1	96.0	50.4	23.5	6.9	0.0
42.5°	239.3	162.8	100.9	54.0	25.3	7.1	0.0
40°	250.6	169.5	105.7	57.7	26.9	7.4	0.0
37.5°	260.7	175.2	110.5	61.4	28.4	7.6	0.0
35°	269.7	181.8	114.6	64.8	29.9	7.8	0.0
32.5°	278.0	188.4	118.1	68.0	31.2	8.0	0.0
30°	286.6	194.1	120.8	70.9	32.4	8.2	0.0
27.5°	294.3	198.7	125.0	73.5	33.4	8.3	0.0
25°	301.1	202.5	128.9	75.8	34.4	8.4	0.0
22.5°	306.9	206.2	132.3	77.9	35.2	8.6	0.0
20°	311.7	211.3	135.2	79.7	36.0	8.6	0.0
17.5°	317.7	215.5	137.7	81.2	36.6	8.7	0.0
15°	324.0	218.8	139.7	82.4	37.1	8.8	0.0
12.5°	329.0	221.1	141.2	83.4	37.5	8.8	0.0
10°	332.9	222.6	142.3	84.0	37.7	8.8	0.0
7.5°	335.6	223.2	142.8	84.4	37.9	8.8	0.0
5°	336.9	222.9	142.9	84.5	37.9	8.8	0.0
2.5°	337.0	221.9	142.6	84.3	37.8	8.8	0.0
0°	335.7	220.0	141.8	83.9	37.6	8.7	0.0
-2.5°	337.0	221.9	142.6	84.3	37.8	8.8	0.0
-5°	336.9	222.9	142.9	84.5	37.9	8.8	0.0
-7.5°	335.6	223.2	142.8	84.4	37.9	8.8	0.0
-10°	332.9	222.6	142.3	84.0	37.7	8.8	0.0
-12.5°	329.0	221.1	141.2	83.4	37.5	8.8	0.0
-15°	324.0	218.8	139.7	82.4	37.1	8.8	0.0
-17.5°	317.7	215.5	137.7	81.2	36.6	8.7	0.0
-20°	311.7	211.3	135.2	79.7	36.0	8.6	0.0

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CATALOG NUMBER: GFLD-SA3B-740-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	306.9	206.2	132.3	77.9	35.2	8.6	0.0
-25°	301.1	202.5	128.9	75.8	34.4	8.4	0.0
-27.5°	294.3	198.7	125.0	73.5	33.4	8.3	0.0
-30°	286.6	194.1	120.8	70.9	32.4	8.2	0.0
-32.5°	278.0	188.4	118.1	68.0	31.2	8.0	0.0
-35°	269.7	181.8	114.6	64.8	29.9	7.8	0.0
-37.5°	260.7	175.2	110.5	61.4	28.4	7.6	0.0
-40°	250.6	169.5	105.7	57.7	26.9	7.4	0.0
-42.5°	239.3	162.8	100.9	54.0	25.3	7.1	0.0
-45°	226.8	155.1	96.0	50.4	23.5	6.9	0.0
-47.5°	213.2	146.5	90.6	46.3	21.7	6.6	0.0
-50°	201.0	136.9	84.5	43.3	19.8	6.3	0.0
-52.5°	187.9	126.4	77.9	40.3	17.8	6.0	0.0
-55°	173.7	116.6	70.7	37.0	15.6	5.7	0.0
-57.5°	158.3	106.2	62.9	33.5	13.5	5.3	0.0
-60°	142.0	95.0	54.8	29.8	11.2	5.0	0.0
-62.5°	126.6	83.1	48.7	25.8	10.4	4.6	0.0
-65°	110.2	70.5	42.2	21.5	9.6	4.2	0.0
-67.5°	93.0	59.1	35.4	17.1	8.7	3.8	0.0
-70°	74.9	48.8	28.2	12.5	7.8	3.4	0.0
-72.5°	59.9	38.1	20.7	10.4	6.9	3.0	0.0
-75°	44.9	27.1	13.0	9.0	5.9	2.6	0.0
-77.5°	29.4	15.7	10.0	7.5	5.0	2.2	0.0
-80°	13.5	10.0	8.0	6.0	4.0	1.8	0.0
-82.5°	9.0	7.5	6.0	4.5	3.0	1.3	0.0
-85°	6.0	5.0	4.0	3.0	2.0	0.9	0.0
-87.5°	3.0	2.5	2.0	1.5	1.0	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)