

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: P627889 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-740-U-NR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627889 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA6C-740-U-NR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N146  
Light Source: (96) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

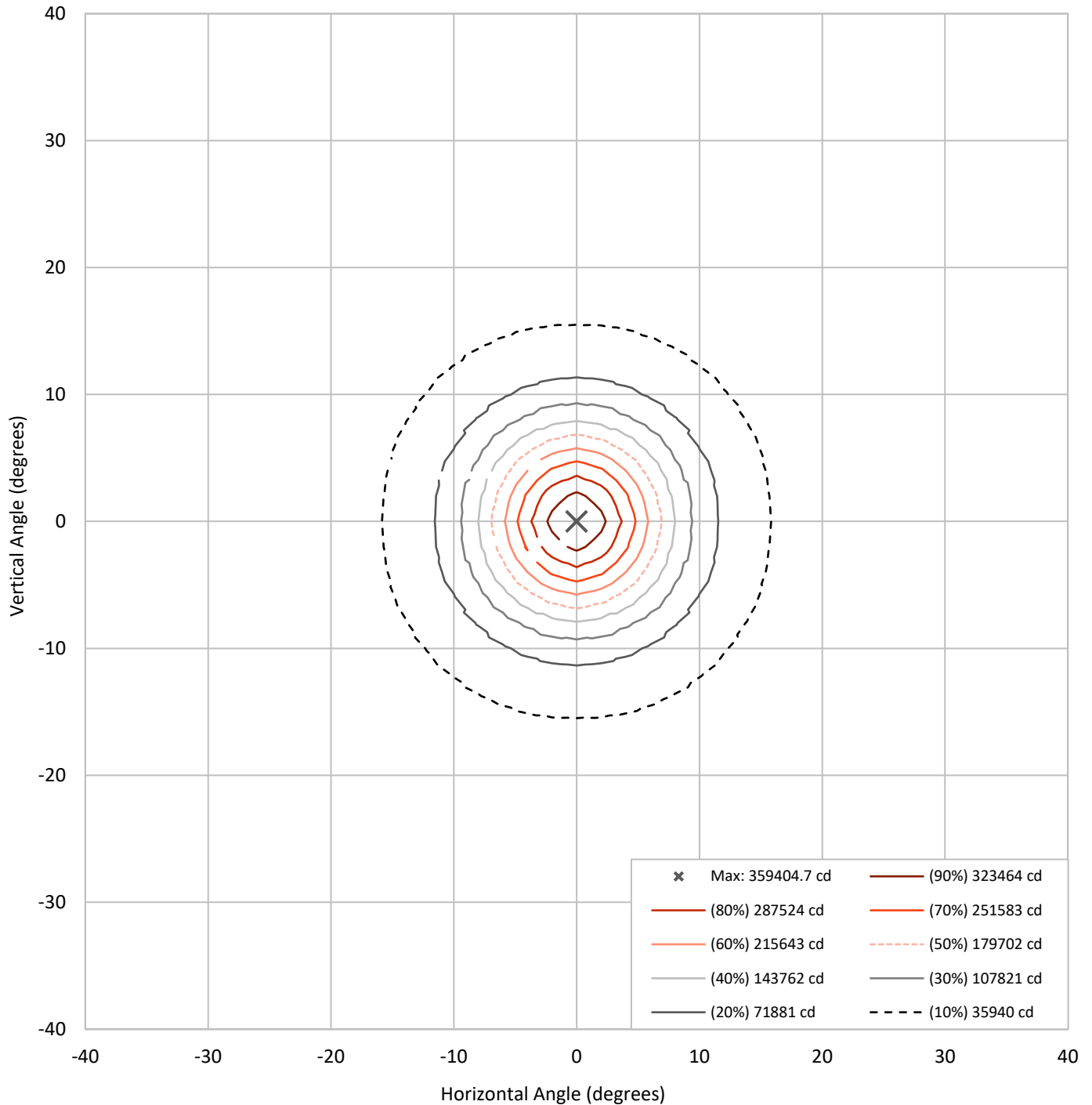
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	38163.4 lumens	Max Intensity:	359404.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	154.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	11283.3 lumens	Field Lumens:	25392 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	247.5		
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		



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### Iso-Candela Plot





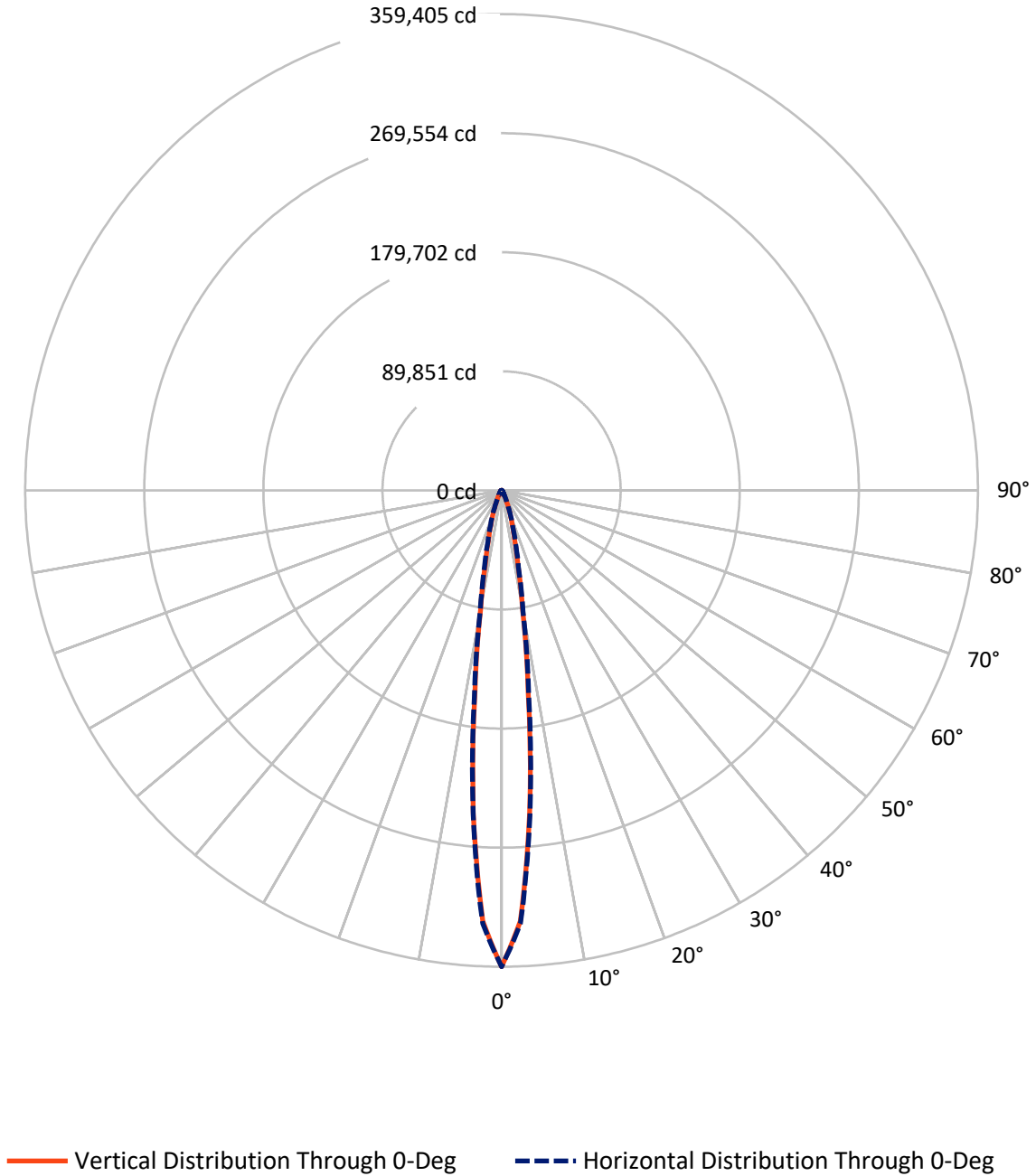
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### Lumen Table

90	0.7	5.2	13.7	22.2	24.3	22.2	13.7	5.2	0.7							
80	0.7	5.2	13.7	22.2	24.3	22.2	13.7	5.2	0.7							
70	2.4	2.7	5.5	9.0	12.8	15.7	17.6	18.4	18.4	17.6	15.7	12.8	9.0	5.5	2.7	2.4
60		4.1	8.3	13.4	18.0	22.0	24.6	25.7	25.7	24.6	22.0	18.0	13.4	8.3	4.1	
50	4.2	5.3	10.7	16.6	22.1	27.7	32.7	35.2	35.2	32.7	27.7	22.1	16.6	10.7	5.3	4.2
40		6.4	12.6	19.1	27.1	39.0	55.0	68.1	68.1	55.0	39.0	27.1	19.1	12.6	6.4	
30	5.4	7.2	13.8	21.6	35.1	69.7	158.8	262.8	262.8	158.8	69.7	35.1	21.6	13.8	7.2	5.4
20		7.7	14.5	23.8	46.6	148.1	525.8	1132.4	1132.4	525.8	148.1	46.6	23.8	14.5	7.7	
10	5.8	8.0	14.8	25.2	56.4	244.0	1142.9	4937.3	4937.3	1142.9	244.0	56.4	25.2	14.8	8.0	5.8
0		8.0	14.8	25.2	56.4	244.0	1142.9	4937.3	4937.3	1142.9	244.0	56.4	25.2	14.8	8.0	
-10	5.4	7.7	14.5	23.8	46.6	148.1	525.8	1132.4	1132.4	525.8	148.1	46.6	23.8	14.5	7.7	5.4
-20		7.2	13.8	21.6	35.1	69.7	158.8	262.8	262.8	158.8	69.7	35.1	21.6	13.8	7.2	
-30	4.2	6.4	12.6	19.1	27.1	39.0	55.0	68.1	68.1	55.0	39.0	27.1	19.1	12.6	6.4	4.2
-40		5.3	10.7	16.6	22.1	27.7	32.7	35.2	35.2	32.7	27.7	22.1	16.6	10.7	5.3	
-50	2.4	4.1	8.3	13.4	18.0	22.0	24.6	25.7	25.7	24.6	22.0	18.0	13.4	8.3	4.1	2.4
-60		2.7	5.5	9.0	12.8	15.7	17.6	18.4	18.4	17.6	15.7	12.8	9.0	5.5	2.7	
-70	0.7	5.2	13.7	22.2	24.3	22.2	13.7	5.2	0.7							
-80		0.7	5.2	13.7	22.2	24.3	22.2	13.7	5.2	0.7						
-90	0.7	5.2	13.7	22.2	24.3	22.2	13.7	5.2	0.7							

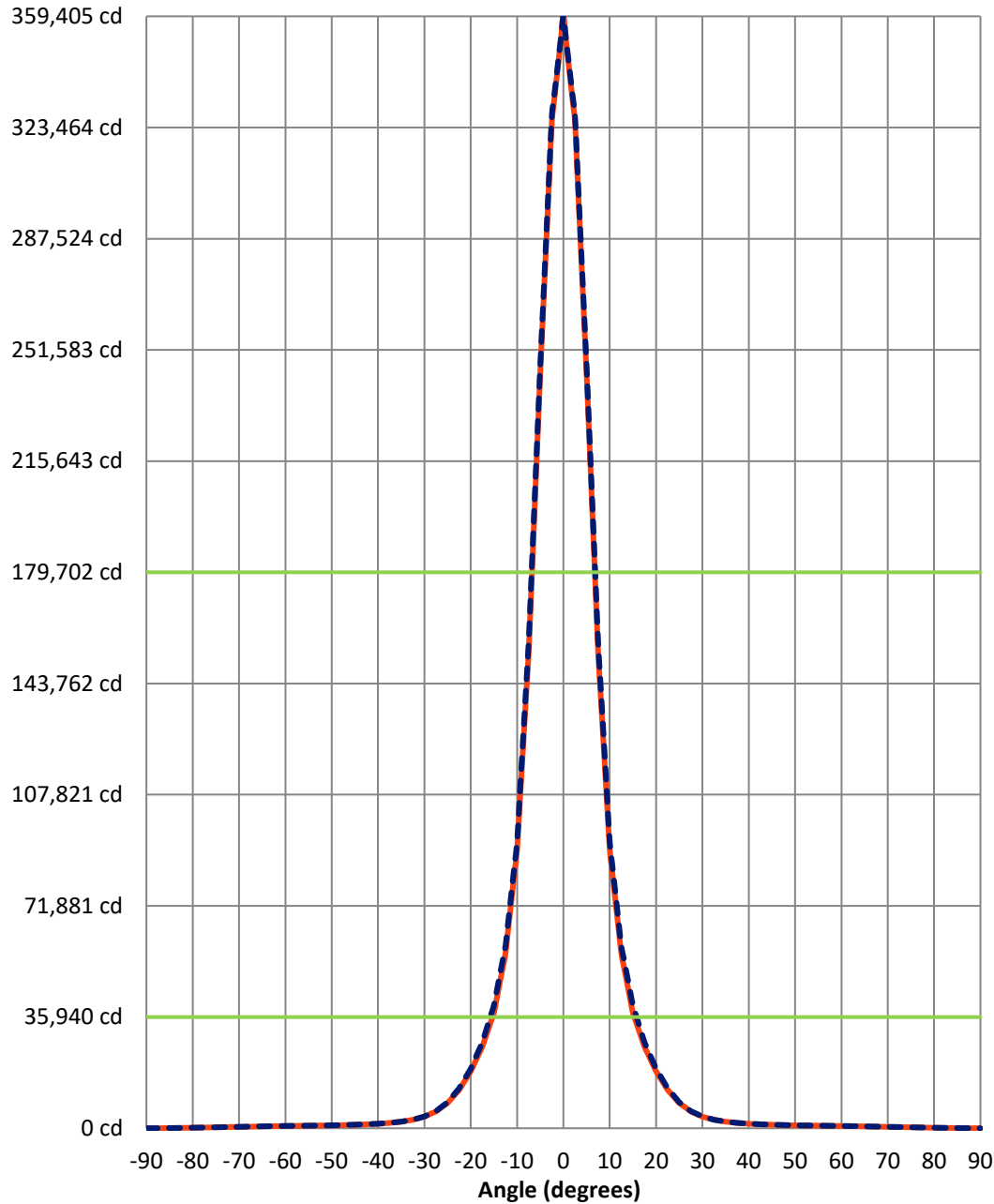
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.7°  
 V Angle: 13.6°  
 Lumens: 11283.3  
 Efficiency: 29.6%

**Field:**  
 H Angle: 31.6°  
 V Angle: 30.6°  
 Lumens: 25392  
 Efficiency: 66.5%

**Spill:**  
 Lumens: 12771.5  
 Efficiency: 33.5%

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

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.2	2.7	4.0	5.3	6.7	8.0	9.3	10.5	11.8	13.0
85°	0.0	2.3	5.4	8.0	10.7	13.3	15.9	18.5	21.0	23.5	26.0
82.5°	0.0	3.5	8.0	12.0	16.0	19.9	23.9	27.7	31.9	37.5	43.0
80°	0.0	4.7	10.6	16.0	21.3	26.5	32.2	39.9	47.5	55.0	62.4
77.5°	0.0	5.8	13.2	19.9	26.5	34.1	43.9	53.6	63.1	72.4	82.4
75°	0.0	6.9	15.8	23.9	32.1	43.3	55.4	67.1	78.7	91.8	104.6
72.5°	0.0	8.0	18.3	27.7	39.1	52.4	66.7	81.1	96.5	111.7	126.6
70°	0.0	9.1	20.7	31.7	46.0	61.3	78.0	96.5	114.0	131.4	150.9
67.5°	0.0	10.2	23.1	36.6	52.7	70.0	90.9	111.7	131.4	153.6	175.4
65°	0.0	11.2	25.4	41.4	59.3	79.6	103.6	126.6	150.9	175.4	201.2
62.5°	0.0	12.2	27.6	46.0	65.6	89.9	115.9	142.8	170.0	197.7	230.1
60°	0.0	13.2	29.7	50.5	71.8	100.0	128.0	159.2	188.7	222.6	258.2
57.5°	0.0	14.2	32.5	54.9	79.6	109.8	141.3	175.1	209.2	246.7	285.3
55°	0.0	15.1	35.2	59.1	87.2	119.3	154.4	190.4	229.6	269.9	311.5
52.5°	0.0	15.9	37.9	63.1	94.6	128.8	167.2	207.0	249.1	292.1	336.6
50°	0.0	16.7	40.5	67.0	101.7	139.0	179.4	223.1	267.8	313.4	360.7
47.5°	0.0	17.5	43.0	71.0	108.6	148.9	191.5	238.7	285.7	333.7	384.2
45°	0.0	18.3	45.4	75.9	115.2	158.3	204.3	253.7	302.8	354.4	407.3
42.5°	0.0	18.9	47.7	80.6	121.5	167.4	216.6	268.1	319.3	374.6	429.7
40°	0.0	19.6	50.0	85.2	127.9	176.0	228.3	281.7	335.4	394.0	451.5
37.5°	0.0	20.2	52.1	89.6	134.4	184.1	239.3	294.7	351.5	412.2	472.6
35°	0.0	20.7	54.2	93.8	140.5	192.4	249.8	306.9	366.5	429.3	492.9
32.5°	0.0	21.2	56.1	97.8	146.2	200.5	259.6	318.4	380.3	445.3	510.6
30°	0.0	21.7	57.9	101.4	151.5	208.1	268.7	329.2	392.9	460.1	526.6
27.5°	0.0	22.1	59.6	104.8	156.7	215.1	277.1	339.4	404.6	473.8	541.0
25°	0.0	22.4	61.2	108.0	161.5	221.5	284.8	348.6	415.6	485.9	553.8
22.5°	0.0	22.7	62.7	110.8	165.9	227.2	291.7	356.8	425.6	496.3	564.9
20°	0.0	22.9	64.0	113.4	169.8	232.2	298.0	364.0	434.3	505.3	574.9
17.5°	0.0	23.1	65.2	115.7	173.3	236.4	303.1	370.1	442.0	512.8	583.8
15°	0.0	23.3	66.3	117.7	176.3	239.9	307.3	375.5	448.5	519.0	591.5
12.5°	0.0	23.4	67.2	119.3	178.9	242.7	310.7	380.6	453.9	523.7	597.9
10°	0.0	23.4	67.9	120.7	181.0	244.8	313.3	384.8	458.1	528.8	604.0
7.5°	0.0	23.4	68.5	121.8	182.7	246.2	315.1	388.2	460.9	533.1	611.1
5°	0.0	23.3	69.0	122.6	183.9	246.9	316.1	390.6	462.5	536.3	616.8
2.5°	0.0	23.2	69.2	123.0	184.6	247.0	316.3	392.2	462.8	538.3	621.1
0°	0.0	23.1	69.3	123.2	184.8	246.4	315.7	392.7	462.0	539.0	623.7
-2.5°	0.0	23.2	69.2	123.0	184.6	247.0	316.3	392.2	462.8	538.3	621.1
-5°	0.0	23.3	69.0	122.6	183.9	246.9	316.1	390.6	462.5	536.3	616.8
-7.5°	0.0	23.4	68.5	121.8	182.7	246.2	315.1	388.2	460.9	533.1	611.1
-10°	0.0	23.4	67.9	120.7	181.0	244.8	313.3	384.8	458.1	528.8	604.0
-12.5°	0.0	23.4	67.2	119.3	178.9	242.7	310.7	380.6	453.9	523.7	597.9
-15°	0.0	23.3	66.3	117.7	176.3	239.9	307.3	375.5	448.5	519.0	591.5
-17.5°	0.0	23.1	65.2	115.7	173.3	236.4	303.1	370.1	442.0	512.8	583.8
-20°	0.0	22.9	64.0	113.4	169.8	232.2	298.0	364.0	434.3	505.3	574.9

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CATALOG NUMBER: GFLD-SA6C-740-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	22.7	62.7	110.8	165.9	227.2	291.7	356.8	425.6	496.3	564.9
-25°	0.0	22.4	61.2	108.0	161.5	221.5	284.8	348.6	415.6	485.9	553.8
-27.5°	0.0	22.1	59.6	104.8	156.7	215.1	277.1	339.4	404.6	473.8	541.0
-30°	0.0	21.7	57.9	101.4	151.5	208.1	268.7	329.2	392.9	460.1	526.6
-32.5°	0.0	21.2	56.1	97.8	146.2	200.5	259.6	318.4	380.3	445.3	510.6
-35°	0.0	20.7	54.2	93.8	140.5	192.4	249.8	306.9	366.5	429.3	492.9
-37.5°	0.0	20.2	52.1	89.6	134.4	184.1	239.3	294.7	351.5	412.2	472.6
-40°	0.0	19.6	50.0	85.2	127.9	176.0	228.3	281.7	335.4	394.0	451.5
-42.5°	0.0	18.9	47.7	80.6	121.5	167.4	216.6	268.1	319.3	374.6	429.7
-45°	0.0	18.3	45.4	75.9	115.2	158.3	204.3	253.7	302.8	354.4	407.3
-47.5°	0.0	17.5	43.0	71.0	108.6	148.9	191.5	238.7	285.7	333.7	384.2
-50°	0.0	16.7	40.5	67.0	101.7	139.0	179.4	223.1	267.8	313.4	360.7
-52.5°	0.0	15.9	37.9	63.1	94.6	128.8	167.2	207.0	249.1	292.1	336.6
-55°	0.0	15.1	35.2	59.1	87.2	119.3	154.4	190.4	229.6	269.9	311.5
-57.5°	0.0	14.2	32.5	54.9	79.6	109.8	141.3	175.1	209.2	246.7	285.3
-60°	0.0	13.2	29.7	50.5	71.8	100.0	128.0	159.2	188.7	222.6	258.2
-62.5°	0.0	12.2	27.6	46.0	65.6	89.9	115.9	142.8	170.0	197.7	230.1
-65°	0.0	11.2	25.4	41.4	59.3	79.6	103.6	126.6	150.9	175.4	201.2
-67.5°	0.0	10.2	23.1	36.6	52.7	70.0	90.9	111.7	131.4	153.6	175.4
-70°	0.0	9.1	20.7	31.7	46.0	61.3	78.0	96.5	114.0	131.4	150.9
-72.5°	0.0	8.0	18.3	27.7	39.1	52.4	66.7	81.1	96.5	111.7	126.6
-75°	0.0	6.9	15.8	23.9	32.1	43.3	55.4	67.1	78.7	91.8	104.6
-77.5°	0.0	5.8	13.2	19.9	26.5	34.1	43.9	53.6	63.1	72.4	82.4
-80°	0.0	4.7	10.6	16.0	21.3	26.5	32.2	39.9	47.5	55.0	62.4
-82.5°	0.0	3.5	8.0	12.0	16.0	19.9	23.9	27.7	31.9	37.5	43.0
-85°	0.0	2.3	5.4	8.0	10.7	13.3	15.9	18.5	21.0	23.5	26.0
-87.5°	0.0	1.2	2.7	4.0	5.3	6.7	8.0	9.3	10.5	11.8	13.0
-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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**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°	14.2	15.4	16.5	17.7	18.7	19.8	20.8	21.8	22.7	23.6	24.4
85°	28.4	30.8	34.2	37.6	40.4	42.9	45.0	46.7	49.9	53.3	56.7
82.5°	48.5	53.8	58.9	63.9	67.4	70.2	72.8	76.8	83.5	90.1	96.0
80°	69.6	76.6	84.6	92.4	99.1	105.8	112.8	119.9	127.4	134.5	141.2
77.5°	92.9	103.1	113.2	123.0	132.7	143.2	153.3	163.0	172.4	181.3	189.7
75°	117.2	129.5	143.1	156.5	169.5	182.1	194.4	207.6	220.2	232.3	243.8
72.5°	142.8	159.2	175.2	190.8	207.7	224.2	240.2	255.6	270.6	286.3	302.8
70°	170.0	188.7	209.6	229.6	248.4	268.2	287.9	304.9	321.1	342.7	364.8
67.5°	197.9	223.3	246.8	269.4	294.5	317.8	337.9	359.5	382.6	407.5	429.4
65°	231.0	258.5	285.9	314.4	343.4	367.6	392.8	419.5	445.7	470.6	494.3
62.5°	263.5	294.6	326.1	357.2	387.0	416.0	446.4	476.2	504.9	533.9	559.5
60°	294.9	330.2	363.4	395.9	429.7	465.8	499.5	532.5	566.9	599.7	616.8
57.5°	325.2	362.9	397.6	434.1	473.8	514.5	549.9	587.3	616.8	639.5	661.8
55°	353.7	392.8	430.9	471.9	515.1	557.4	596.8	630.1	657.3	678.2	701.7
52.5°	380.3	421.6	463.1	507.9	553.7	598.8	640.1	671.3	695.8	717.1	739.2
50°	406.6	449.9	493.7	542.9	591.9	640.0	680.3	708.9	732.0	753.9	776.6
47.5°	432.3	477.8	525.0	577.3	630.5	676.9	715.1	741.2	764.6	790.3	815.2
45°	457.6	506.8	556.8	613.0	666.4	711.1	743.6	769.8	798.6	826.4	853.0
42.5°	482.3	535.4	589.6	647.8	699.4	739.7	770.0	801.0	832.0	861.6	891.7
40°	507.1	562.8	620.2	678.2	730.1	764.8	797.0	830.3	864.6	896.7	930.0
37.5°	531.0	588.6	647.8	706.3	753.5	788.7	822.1	858.9	895.0	930.1	973.5
35°	553.6	612.1	671.8	728.4	773.9	810.3	847.6	886.3	924.2	969.6	1019.0
32.5°	573.9	633.1	693.7	746.5	790.9	830.3	872.1	912.5	958.0	1009.3	1068.7
30°	591.0	651.6	712.4	763.9	807.3	848.9	894.3	938.9	992.1	1053.9	1124.4
27.5°	606.0	668.2	727.2	778.8	823.0	864.4	912.2	968.5	1029.5	1098.8	1181.7
25°	620.0	684.9	741.3	792.5	835.5	878.8	929.9	992.2	1065.6	1149.1	1250.5
22.5°	633.2	701.0	755.5	805.4	845.2	892.0	949.7	1017.4	1097.2	1195.0	1318.5
20°	645.8	713.0	766.9	815.6	852.6	903.6	967.1	1039.4	1130.1	1246.7	1389.6
17.5°	657.5	723.3	775.9	821.6	862.2	915.9	982.4	1057.3	1158.7	1293.7	1454.9
15°	668.1	731.9	783.0	826.5	870.8	928.8	998.4	1079.5	1190.3	1338.5	1512.7
12.5°	677.4	738.9	788.5	830.3	877.7	939.3	1012.6	1102.7	1224.3	1382.5	1586.1
10°	685.4	744.2	792.4	832.9	882.9	947.4	1024.4	1121.5	1251.4	1416.6	1642.5
7.5°	692.2	748.5	795.0	834.4	886.2	953.1	1033.7	1135.8	1270.3	1440.8	1683.2
5°	697.0	751.9	798.2	839.1	891.4	957.5	1040.4	1145.6	1281.5	1455.2	1708.5
2.5°	699.8	753.9	800.2	843.6	897.0	961.3	1045.5	1156.4	1290.5	1469.2	1727.9
0°	700.7	754.6	800.8	847.0	900.9	962.5	1047.2	1162.7	1293.7	1478.5	1740.3
-2.5°	699.8	753.9	800.2	843.6	897.0	961.3	1045.5	1156.4	1290.5	1469.2	1727.9
-5°	697.0	751.9	798.2	839.1	891.4	957.5	1040.4	1145.6	1281.5	1455.2	1708.5
-7.5°	692.2	748.5	795.0	834.4	886.2	953.1	1033.7	1135.8	1270.3	1440.8	1683.2
-10°	685.4	744.2	792.4	832.9	882.9	947.4	1024.4	1121.5	1251.4	1416.6	1642.5
-12.5°	677.4	738.9	788.5	830.3	877.7	939.3	1012.6	1102.7	1224.3	1382.5	1586.1
-15°	668.1	731.9	783.0	826.5	870.8	928.8	998.4	1079.5	1190.3	1338.5	1512.7
-17.5°	657.5	723.3	775.9	821.6	862.2	915.9	982.4	1057.3	1158.7	1293.7	1454.9
-20°	645.8	713.0	766.9	815.6	852.6	903.6	967.1	1039.4	1130.1	1246.7	1389.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627889 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	633.2	701.0	755.5	805.4	845.2	892.0	949.7	1017.4	1097.2	1195.0	1318.5
-25°	620.0	684.9	741.3	792.5	835.5	878.8	929.9	992.2	1065.6	1149.1	1250.5
-27.5°	606.0	668.2	727.2	778.8	823.0	864.4	912.2	968.5	1029.5	1098.8	1181.7
-30°	591.0	651.6	712.4	763.9	807.3	848.9	894.3	938.9	992.1	1053.9	1124.4
-32.5°	573.9	633.1	693.7	746.5	790.9	830.3	872.1	912.5	958.0	1009.3	1068.7
-35°	553.6	612.1	671.8	728.4	773.9	810.3	847.6	886.3	924.2	969.6	1019.0
-37.5°	531.0	588.6	647.8	706.3	753.5	788.7	822.1	858.9	895.0	930.1	973.5
-40°	507.1	562.8	620.2	678.2	730.1	764.8	797.0	830.3	864.6	896.7	930.0
-42.5°	482.3	535.4	589.6	647.8	699.4	739.7	770.0	801.0	832.0	861.6	891.7
-45°	457.6	506.8	556.8	613.0	666.4	711.1	743.6	769.8	798.6	826.4	853.0
-47.5°	432.3	477.8	525.0	577.3	630.5	676.9	715.1	741.2	764.6	790.3	815.2
-50°	406.6	449.9	493.7	542.9	591.9	640.0	680.3	708.9	732.0	753.9	776.6
-52.5°	380.3	421.6	463.1	507.9	553.7	598.8	640.1	671.3	695.8	717.1	739.2
-55°	353.7	392.8	430.9	471.9	515.1	557.4	596.8	630.1	657.3	678.2	701.7
-57.5°	325.2	362.9	397.6	434.1	473.8	514.5	549.9	587.3	616.8	639.5	661.8
-60°	294.9	330.2	363.4	395.9	429.7	465.8	499.5	532.5	566.9	599.7	616.8
-62.5°	263.5	294.6	326.1	357.2	387.0	416.0	446.4	476.2	504.9	533.9	559.5
-65°	231.0	258.5	285.9	314.4	343.4	367.6	392.8	419.5	445.7	470.6	494.3
-67.5°	197.9	223.3	246.8	269.4	294.5	317.8	337.9	359.5	382.6	407.5	429.4
-70°	170.0	188.7	209.6	229.6	248.4	268.2	287.9	304.9	321.1	342.7	364.8
-72.5°	142.8	159.2	175.2	190.8	207.7	224.2	240.2	255.6	270.6	286.3	302.8
-75°	117.2	129.5	143.1	156.5	169.5	182.1	194.4	207.6	220.2	232.3	243.8
-77.5°	92.9	103.1	113.2	123.0	132.7	143.2	153.3	163.0	172.4	181.3	189.7
-80°	69.6	76.6	84.6	92.4	99.1	105.8	112.8	119.9	127.4	134.5	141.2
-82.5°	48.5	53.8	58.9	63.9	67.4	70.2	72.8	76.8	83.5	90.1	96.0
-85°	28.4	30.8	34.2	37.6	40.4	42.9	45.0	46.7	49.9	53.3	56.7
-87.5°	14.2	15.4	16.5	17.7	18.7	19.8	20.8	21.8	22.7	23.6	24.4
-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: P627889 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-740-U-NR-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°	25.2	26.0	26.7	27.3	27.9	28.5	28.9	29.4	29.7	28.2	26.5
85°	60.2	62.5	64.6	66.5	68.3	70.0	71.4	72.7	73.8	72.9	71.8
82.5°	101.4	105.5	109.1	112.5	115.7	118.5	121.1	123.4	125.4	125.2	124.6
80°	147.6	154.2	160.9	167.4	173.8	177.7	180.6	182.7	184.2	184.8	185.0
77.5°	198.4	208.6	219.3	229.7	240.0	245.9	250.1	253.6	256.4	257.0	256.5
75°	254.6	267.8	282.3	295.1	306.1	312.8	317.5	321.5	324.7	325.5	325.2
72.5°	320.0	336.3	349.3	360.0	369.4	376.6	382.5	387.5	391.6	393.3	393.5
70°	384.3	400.4	412.8	423.7	432.8	440.4	447.4	453.5	458.5	462.1	464.8
67.5°	449.5	467.9	480.6	490.5	498.3	506.2	515.5	523.7	530.5	535.0	537.3
65°	516.5	535.4	547.7	558.5	567.9	578.0	588.4	596.1	601.1	604.3	606.3
62.5°	581.2	598.9	614.3	628.7	642.4	653.8	661.0	667.4	672.9	677.5	681.0
60°	636.8	659.4	676.7	690.4	703.9	716.8	725.6	732.6	738.1	742.1	744.6
57.5°	684.4	707.3	727.7	741.0	755.6	771.1	781.3	787.2	792.6	797.2	799.4
55°	725.9	747.1	765.9	784.1	800.4	814.4	825.2	833.1	839.7	845.0	846.8
52.5°	763.2	786.3	808.4	827.7	843.8	857.1	867.9	877.6	885.2	890.2	892.5
50°	802.5	827.3	850.9	872.1	888.6	903.6	917.0	928.5	939.6	948.3	954.6
47.5°	841.1	867.6	893.6	916.9	936.7	958.4	977.9	994.3	1010.5	1023.5	1032.5
45°	880.0	910.6	938.9	969.0	995.8	1024.2	1050.6	1073.3	1096.7	1114.4	1126.3
42.5°	923.3	958.0	992.1	1029.5	1066.0	1103.1	1143.1	1178.8	1206.3	1232.2	1253.2
40°	969.6	1009.3	1053.9	1099.7	1153.6	1202.4	1256.2	1302.4	1344.2	1388.3	1423.3
37.5°	1019.0	1068.7	1127.2	1188.5	1258.2	1325.2	1395.4	1464.3	1524.5	1595.5	1649.7
35°	1073.7	1140.0	1212.0	1295.0	1381.8	1477.6	1573.6	1684.5	1780.0	1885.0	1976.5
32.5°	1138.3	1217.5	1312.0	1421.5	1533.0	1678.3	1814.1	1990.7	2143.4	2310.1	2477.9
30°	1204.8	1308.3	1430.4	1568.2	1745.4	1945.3	2168.1	2430.8	2701.6	2963.6	3279.8
27.5°	1287.3	1412.2	1559.9	1761.3	2022.0	2292.2	2675.4	3069.7	3567.6	3979.3	4559.9
25°	1373.0	1519.9	1729.8	2003.8	2344.1	2812.9	3394.4	4024.7	4900.5	5670.0	6572.6
22.5°	1466.2	1664.5	1925.7	2263.8	2779.8	3499.6	4380.1	5566.4	6858.3	8230.0	9594.4
20°	1563.3	1803.3	2145.6	2635.7	3343.7	4318.6	5830.0	7661.5	9507.2	11770.4	13774.5
17.5°	1675.7	1981.2	2403.0	3015.9	3960.9	5454.1	7550.8	10107.8	12971.2	16225.3	19114.5
15°	1769.4	2133.6	2666.1	3523.6	4823.2	6740.8	9385.0	12902.5	17205.4	21575.7	26009.7
12.5°	1878.2	2299.5	2924.8	3947.3	5579.5	8128.1	11727.3	16179.4	21553.2	27615.1	34761.2
10°	1974.8	2462.3	3239.7	4505.3	6500.0	9574.9	13943.0	19299.2	26234.1	34955.7	46022.1
7.5°	2046.3	2591.9	3482.8	4930.0	7295.8	10965.9	16036.4	22715.5	31527.6	43044.4	58232.2
5°	2092.8	2685.7	3654.8	5257.7	7918.8	12001.2	17570.6	25138.6	35769.6	52058.4	77776.8
2.5°	2120.6	2741.2	3752.9	5449.9	8297.5	12687.1	18737.8	26970.8	38518.9	57629.0	90347.6
0°	2133.0	2756.7	3811.7	5551.9	8424.1	12951.9	19273.9	27805.9	39749.0	58930.5	92557.8
-2.5°	2120.6	2741.2	3752.9	5449.9	8297.5	12687.1	18737.8	26970.8	38518.9	57629.0	90347.6
-5°	2092.8	2685.7	3654.8	5257.7	7918.8	12001.2	17570.6	25138.6	35769.6	52058.4	77776.8
-7.5°	2046.3	2591.9	3482.8	4930.0	7295.8	10965.9	16036.4	22715.5	31527.6	43044.4	58232.2
-10°	1974.8	2462.3	3239.7	4505.3	6500.0	9574.9	13943.0	19299.2	26234.1	34955.7	46022.1
-12.5°	1878.2	2299.5	2924.8	3947.3	5579.5	8128.1	11727.3	16179.4	21553.2	27615.1	34761.2
-15°	1769.4	2133.6	2666.1	3523.6	4823.2	6740.8	9385.0	12902.5	17205.4	21575.7	26009.7
-17.5°	1675.7	1981.2	2403.0	3015.9	3960.9	5454.1	7550.8	10107.8	12971.2	16225.3	19114.5
-20°	1563.3	1803.3	2145.6	2635.7	3343.7	4318.6	5830.0	7661.5	9507.2	11770.4	13774.5

Classified

Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627889 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1466.2	1664.5	1925.7	2263.8	2779.8	3499.6	4380.1	5566.4	6858.3	8230.0	9594.4
-25°	1373.0	1519.9	1729.8	2003.8	2344.1	2812.9	3394.4	4024.7	4900.5	5670.0	6572.6
-27.5°	1287.3	1412.2	1559.9	1761.3	2022.0	2292.2	2675.4	3069.7	3567.6	3979.3	4559.9
-30°	1204.8	1308.3	1430.4	1568.2	1745.4	1945.3	2168.1	2430.8	2701.6	2963.6	3279.8
-32.5°	1138.3	1217.5	1312.0	1421.5	1533.0	1678.3	1814.1	1990.7	2143.4	2310.1	2477.9
-35°	1073.7	1140.0	1212.0	1295.0	1381.8	1477.6	1573.6	1684.5	1780.0	1885.0	1976.5
-37.5°	1019.0	1068.7	1127.2	1188.5	1258.2	1325.2	1395.4	1464.3	1524.5	1595.5	1649.7
-40°	969.6	1009.3	1053.9	1099.7	1153.6	1202.4	1256.2	1302.4	1344.2	1388.3	1423.3
-42.5°	923.3	958.0	992.1	1029.5	1066.0	1103.1	1143.1	1178.8	1206.3	1232.2	1253.2
-45°	880.0	910.6	938.9	969.0	995.8	1024.2	1050.6	1073.3	1096.7	1114.4	1126.3
-47.5°	841.1	867.6	893.6	916.9	936.7	958.4	977.9	994.3	1010.5	1023.5	1032.5
-50°	802.5	827.3	850.9	872.1	888.6	903.6	917.0	928.5	939.6	948.3	954.6
-52.5°	763.2	786.3	808.4	827.7	843.8	857.1	867.9	877.6	885.2	890.2	892.5
-55°	725.9	747.1	765.9	784.1	800.4	814.4	825.2	833.1	839.7	845.0	846.8
-57.5°	684.4	707.3	727.7	741.0	755.6	771.1	781.3	787.2	792.6	797.2	799.4
-60°	636.8	659.4	676.7	690.4	703.9	716.8	725.6	732.6	738.1	742.1	744.6
-62.5°	581.2	598.9	614.3	628.7	642.4	653.8	661.0	667.4	672.9	677.5	681.0
-65°	516.5	535.4	547.7	558.5	567.9	578.0	588.4	596.1	601.1	604.3	606.3
-67.5°	449.5	467.9	480.6	490.5	498.3	506.2	515.5	523.7	530.5	535.0	537.3
-70°	384.3	400.4	412.8	423.7	432.8	440.4	447.4	453.5	458.5	462.1	464.8
-72.5°	320.0	336.3	349.3	360.0	369.4	376.6	382.5	387.5	391.6	393.3	393.5
-75°	254.6	267.8	282.3	295.1	306.1	312.8	317.5	321.5	324.7	325.5	325.2
-77.5°	198.4	208.6	219.3	229.7	240.0	245.9	250.1	253.6	256.4	257.0	256.5
-80°	147.6	154.2	160.9	167.4	173.8	177.7	180.6	182.7	184.2	184.8	185.0
-82.5°	101.4	105.5	109.1	112.5	115.7	118.5	121.1	123.4	125.4	125.2	124.6
-85°	60.2	62.5	64.6	66.5	68.3	70.0	71.4	72.7	73.8	72.9	71.8
-87.5°	25.2	26.0	26.7	27.3	27.9	28.5	28.9	29.4	29.7	28.2	26.5
-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: P627889 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-740-U-NR-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°	24.8	23.0	23.1	23.1	23.1	23.0	24.8	26.5	28.2	29.7	29.4
85°	70.5	69.0	69.2	69.3	69.2	69.0	70.5	71.8	72.9	73.8	72.7
82.5°	123.8	122.6	123.0	123.2	123.0	122.6	123.8	124.6	125.2	125.4	123.4
80°	184.7	183.9	180.8	177.1	180.8	183.9	184.7	185.0	184.8	184.2	182.7
77.5°	255.1	252.9	250.0	246.4	250.0	252.9	255.1	256.5	257.0	256.4	253.6
75°	324.0	322.1	323.0	323.4	323.0	322.1	324.0	325.2	325.5	324.7	321.5
72.5°	392.8	391.2	392.2	392.7	392.2	391.2	392.8	393.5	393.3	391.6	387.5
70°	466.7	467.5	465.5	462.0	465.5	467.5	466.7	464.8	462.1	458.5	453.5
67.5°	538.0	537.1	534.8	531.3	534.8	537.1	538.0	537.3	535.0	530.5	523.7
65°	607.0	606.3	607.6	608.3	607.6	606.3	607.0	606.3	604.3	601.1	596.1
62.5°	682.8	682.8	681.1	677.6	681.1	682.8	682.8	681.0	677.5	672.9	667.4
60°	745.5	745.0	742.9	739.2	742.9	745.0	745.5	744.6	742.1	738.1	732.6
57.5°	800.0	799.2	796.9	793.1	796.9	799.2	800.0	799.4	797.2	792.6	787.2
55°	847.0	845.9	843.3	839.3	843.3	845.9	847.0	846.8	845.0	839.7	833.1
52.5°	893.1	892.1	892.4	893.2	892.4	892.1	893.1	892.5	890.2	885.2	877.6
50°	958.5	959.8	958.6	954.8	958.6	959.8	958.5	954.6	948.3	939.6	928.5
47.5°	1036.8	1037.3	1035.5	1031.8	1035.5	1037.3	1036.8	1032.5	1023.5	1010.5	994.3
45°	1135.6	1141.2	1142.7	1139.6	1142.7	1141.2	1135.6	1126.3	1114.4	1096.7	1073.3
42.5°	1269.4	1278.1	1280.7	1278.3	1280.7	1278.1	1269.4	1253.2	1232.2	1206.3	1178.8
40°	1444.9	1454.9	1456.8	1455.4	1456.8	1454.9	1444.9	1423.3	1388.3	1344.2	1302.4
37.5°	1687.8	1712.1	1723.6	1724.9	1723.6	1712.1	1687.8	1649.7	1595.5	1524.5	1464.3
35°	2046.3	2094.6	2120.5	2133.0	2120.5	2094.6	2046.3	1976.5	1885.0	1780.0	1684.5
32.5°	2605.1	2701.9	2755.6	2749.0	2755.6	2701.9	2605.1	2477.9	2310.1	2143.4	1990.7
30°	3518.1	3687.4	3772.7	3750.1	3772.7	3687.4	3518.1	3279.8	2963.6	2701.6	2430.8
27.5°	4976.8	5282.8	5459.8	5436.4	5459.8	5282.8	4976.8	4559.9	3979.3	3567.6	3069.7
25°	7327.0	7885.6	8243.1	8154.6	8243.1	7885.6	7327.0	6572.6	5670.0	4900.5	4024.7
22.5°	10902.4	11848.5	12474.7	12397.5	12474.7	11848.5	10902.4	9594.4	8230.0	6858.3	5566.4
20°	15806.7	17246.9	18275.3	18411.5	18275.3	17246.9	15806.7	13774.5	11770.4	9507.2	7661.5
17.5°	22235.3	24518.8	26108.3	26373.6	26108.3	24518.8	22235.3	19114.5	16225.3	12971.2	10107.8
15°	30590.2	34322.4	37023.5	37246.4	37023.5	34322.4	30590.2	26009.7	21575.7	17205.4	12902.5
12.5°	41934.9	49441.4	54340.4	56497.2	54340.4	49441.4	41934.9	34761.2	27615.1	21553.2	16179.4
10°	57635.4	74877.4	85919.5	90070.6	85919.5	74877.4	57635.4	46022.1	34955.7	26234.1	19299.2
7.5°	83859.8	110930.3	141025.6	153852.4	141025.6	110930.3	83859.8	58232.2	43044.4	31527.6	22715.5
5°	113557.0	169739.1	223178.3	244046.2	223178.3	169739.1	113557.0	77776.8	52058.4	35769.6	25138.6
2.5°	144806.1	223115.8	296497.9	325196.1	296497.9	223115.8	144806.1	90347.6	57629.0	38518.9	26970.8
0°	157009.6	246487.2	327225.1	359404.7	327225.1	246487.2	157009.6	92557.8	58930.5	39749.0	27805.9
-2.5°	144806.1	223115.8	296497.9	325196.1	296497.9	223115.8	144806.1	90347.6	57629.0	38518.9	26970.8
-5°	113557.0	169739.1	223178.3	244046.2	223178.3	169739.1	113557.0	77776.8	52058.4	35769.6	25138.6
-7.5°	83859.8	110930.3	141025.6	153852.4	141025.6	110930.3	83859.8	58232.2	43044.4	31527.6	22715.5
-10°	57635.4	74877.4	85919.5	90070.6	85919.5	74877.4	57635.4	46022.1	34955.7	26234.1	19299.2
-12.5°	41934.9	49441.4	54340.4	56497.2	54340.4	49441.4	41934.9	34761.2	27615.1	21553.2	16179.4
-15°	30590.2	34322.4	37023.5	37246.4	37023.5	34322.4	30590.2	26009.7	21575.7	17205.4	12902.5
-17.5°	22235.3	24518.8	26108.3	26373.6	26108.3	24518.8	22235.3	19114.5	16225.3	12971.2	10107.8
-20°	15806.7	17246.9	18275.3	18411.5	18275.3	17246.9	15806.7	13774.5	11770.4	9507.2	7661.5



REPORT NUMBER: P627889 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-740-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	10902.4	11848.5	12474.7	12397.5	12474.7	11848.5	10902.4	9594.4	8230.0	6858.3	5566.4
-25°	7327.0	7885.6	8243.1	8154.6	8243.1	7885.6	7327.0	6572.6	5670.0	4900.5	4024.7
-27.5°	4976.8	5282.8	5459.8	5436.4	5459.8	5282.8	4976.8	4559.9	3979.3	3567.6	3069.7
-30°	3518.1	3687.4	3772.7	3750.1	3772.7	3687.4	3518.1	3279.8	2963.6	2701.6	2430.8
-32.5°	2605.1	2701.9	2755.6	2749.0	2755.6	2701.9	2605.1	2477.9	2310.1	2143.4	1990.7
-35°	2046.3	2094.6	2120.5	2133.0	2120.5	2094.6	2046.3	1976.5	1885.0	1780.0	1684.5
-37.5°	1687.8	1712.1	1723.6	1724.9	1723.6	1712.1	1687.8	1649.7	1595.5	1524.5	1464.3
-40°	1444.9	1454.9	1456.8	1455.4	1456.8	1454.9	1444.9	1423.3	1388.3	1344.2	1302.4
-42.5°	1269.4	1278.1	1280.7	1278.3	1280.7	1278.1	1269.4	1253.2	1232.2	1206.3	1178.8
-45°	1135.6	1141.2	1142.7	1139.6	1142.7	1141.2	1135.6	1126.3	1114.4	1096.7	1073.3
-47.5°	1036.8	1037.3	1035.5	1031.8	1035.5	1037.3	1036.8	1032.5	1023.5	1010.5	994.3
-50°	958.5	959.8	958.6	954.8	958.6	959.8	958.5	954.6	948.3	939.6	928.5
-52.5°	893.1	892.1	892.4	893.2	892.4	892.1	893.1	892.5	890.2	885.2	877.6
-55°	847.0	845.9	843.3	839.3	843.3	845.9	847.0	846.8	845.0	839.7	833.1
-57.5°	800.0	799.2	796.9	793.1	796.9	799.2	800.0	799.4	797.2	792.6	787.2
-60°	745.5	745.0	742.9	739.2	742.9	745.0	745.5	744.6	742.1	738.1	732.6
-62.5°	682.8	682.8	681.1	677.6	681.1	682.8	682.8	681.0	677.5	672.9	667.4
-65°	607.0	606.3	607.6	608.3	607.6	606.3	607.0	606.3	604.3	601.1	596.1
-67.5°	538.0	537.1	534.8	531.3	534.8	537.1	538.0	537.3	535.0	530.5	523.7
-70°	466.7	467.5	465.5	462.0	465.5	467.5	466.7	464.8	462.1	458.5	453.5
-72.5°	392.8	391.2	392.2	392.7	392.2	391.2	392.8	393.5	393.3	391.6	387.5
-75°	324.0	322.1	323.0	323.4	323.0	322.1	324.0	325.2	325.5	324.7	321.5
-77.5°	255.1	252.9	250.0	246.4	250.0	252.9	255.1	256.5	257.0	256.4	253.6
-80°	184.7	183.9	180.8	177.1	180.8	183.9	184.7	185.0	184.8	184.2	182.7
-82.5°	123.8	122.6	123.0	123.2	123.0	122.6	123.8	124.6	125.2	125.4	123.4
-85°	70.5	69.0	69.2	69.3	69.2	69.0	70.5	71.8	72.9	73.8	72.7
-87.5°	24.8	23.0	23.1	23.1	23.1	23.0	24.8	26.5	28.2	29.7	29.4
-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: P627889 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-740-U-NR-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°	28.9	28.5	27.9	27.3	26.7	26.0	25.2	24.4	23.6	22.7	21.8
85°	71.4	70.0	68.3	66.5	64.6	62.5	60.2	56.7	53.3	49.9	46.7
82.5°	121.1	118.5	115.7	112.5	109.1	105.5	101.4	96.0	90.1	83.5	76.8
80°	180.6	177.7	173.8	167.4	160.9	154.2	147.6	141.2	134.5	127.4	119.9
77.5°	250.1	245.9	240.0	229.7	219.3	208.6	198.4	189.7	181.3	172.4	163.0
75°	317.5	312.8	306.1	295.1	282.3	267.8	254.6	243.8	232.3	220.2	207.6
72.5°	382.5	376.6	369.4	360.0	349.3	336.3	320.0	302.8	286.3	270.6	255.6
70°	447.4	440.4	432.8	423.7	412.8	400.4	384.3	364.8	342.7	321.1	304.9
67.5°	515.5	506.2	498.3	490.5	480.6	467.9	449.5	429.4	407.5	382.6	359.5
65°	588.4	578.0	567.9	558.5	547.7	535.4	516.5	494.3	470.6	445.7	419.5
62.5°	661.0	653.8	642.4	628.7	614.3	598.9	581.2	559.5	533.9	504.9	476.2
60°	725.6	716.8	703.9	690.4	676.7	659.4	636.8	616.8	599.7	566.9	532.5
57.5°	781.3	771.1	755.6	741.0	727.7	707.3	684.4	661.8	639.5	616.8	587.3
55°	825.2	814.4	800.4	784.1	765.9	747.1	725.9	701.7	678.2	657.3	630.1
52.5°	867.9	857.1	843.8	827.7	808.4	786.3	763.2	739.2	717.1	695.8	671.3
50°	917.0	903.6	888.6	872.1	850.9	827.3	802.5	776.6	753.9	732.0	708.9
47.5°	977.9	958.4	936.7	916.9	893.6	867.6	841.1	815.2	790.3	764.6	741.2
45°	1050.6	1024.2	995.8	969.0	938.9	910.6	880.0	853.0	826.4	798.6	769.8
42.5°	1143.1	1103.1	1066.0	1029.5	992.1	958.0	923.3	891.7	861.6	832.0	801.0
40°	1256.2	1202.4	1153.6	1099.7	1053.9	1009.3	969.6	930.0	896.7	864.6	830.3
37.5°	1395.4	1325.2	1258.2	1188.5	1127.2	1068.7	1019.0	973.5	930.1	895.0	858.9
35°	1573.6	1477.6	1381.8	1295.0	1212.0	1140.0	1073.7	1019.0	969.6	924.2	886.3
32.5°	1814.1	1678.3	1533.0	1421.5	1312.0	1217.5	1138.3	1068.7	1009.3	958.0	912.5
30°	2168.1	1945.3	1745.4	1568.2	1430.4	1308.3	1204.8	1124.4	1053.9	992.1	938.9
27.5°	2675.4	2292.2	2022.0	1761.3	1559.9	1412.2	1287.3	1181.7	1098.8	1029.5	968.5
25°	3394.4	2812.9	2344.1	2003.8	1729.8	1519.9	1373.0	1250.5	1149.1	1065.6	992.2
22.5°	4380.1	3499.6	2779.8	2263.8	1925.7	1664.5	1466.2	1318.5	1195.0	1097.2	1017.4
20°	5830.0	4318.6	3343.7	2635.7	2145.6	1803.3	1563.3	1389.6	1246.7	1130.1	1039.4
17.5°	7550.8	5454.1	3960.9	3015.9	2403.0	1981.2	1675.7	1454.9	1293.7	1158.7	1057.3
15°	9385.0	6740.8	4823.2	3523.6	2666.1	2133.6	1769.4	1512.7	1338.5	1190.3	1079.5
12.5°	11727.3	8128.1	5579.5	3947.3	2924.8	2299.5	1878.2	1586.1	1382.5	1224.3	1102.7
10°	13943.0	9574.9	6500.0	4505.3	3239.7	2462.3	1974.8	1642.5	1416.6	1251.4	1121.5
7.5°	16036.4	10965.9	7295.8	4930.0	3482.8	2591.9	2046.3	1683.2	1440.8	1270.3	1135.8
5°	17570.6	12001.2	7918.8	5257.7	3654.8	2685.7	2092.8	1708.5	1455.2	1281.5	1145.6
2.5°	18737.8	12687.1	8297.5	5449.9	3752.9	2741.2	2120.6	1727.9	1469.2	1290.5	1156.4
0°	19273.9	12951.9	8424.1	5551.9	3811.7	2756.7	2133.0	1740.3	1478.5	1293.7	1162.7
-2.5°	18737.8	12687.1	8297.5	5449.9	3752.9	2741.2	2120.6	1727.9	1469.2	1290.5	1156.4
-5°	17570.6	12001.2	7918.8	5257.7	3654.8	2685.7	2092.8	1708.5	1455.2	1281.5	1145.6
-7.5°	16036.4	10965.9	7295.8	4930.0	3482.8	2591.9	2046.3	1683.2	1440.8	1270.3	1135.8
-10°	13943.0	9574.9	6500.0	4505.3	3239.7	2462.3	1974.8	1642.5	1416.6	1251.4	1121.5
-12.5°	11727.3	8128.1	5579.5	3947.3	2924.8	2299.5	1878.2	1586.1	1382.5	1224.3	1102.7
-15°	9385.0	6740.8	4823.2	3523.6	2666.1	2133.6	1769.4	1512.7	1338.5	1190.3	1079.5
-17.5°	7550.8	5454.1	3960.9	3015.9	2403.0	1981.2	1675.7	1454.9	1293.7	1158.7	1057.3
-20°	5830.0	4318.6	3343.7	2635.7	2145.6	1803.3	1563.3	1389.6	1246.7	1130.1	1039.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627889 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4380.1	3499.6	2779.8	2263.8	1925.7	1664.5	1466.2	1318.5	1195.0	1097.2	1017.4
-25°	3394.4	2812.9	2344.1	2003.8	1729.8	1519.9	1373.0	1250.5	1149.1	1065.6	992.2
-27.5°	2675.4	2292.2	2022.0	1761.3	1559.9	1412.2	1287.3	1181.7	1098.8	1029.5	968.5
-30°	2168.1	1945.3	1745.4	1568.2	1430.4	1308.3	1204.8	1124.4	1053.9	992.1	938.9
-32.5°	1814.1	1678.3	1533.0	1421.5	1312.0	1217.5	1138.3	1068.7	1009.3	958.0	912.5
-35°	1573.6	1477.6	1381.8	1295.0	1212.0	1140.0	1073.7	1019.0	969.6	924.2	886.3
-37.5°	1395.4	1325.2	1258.2	1188.5	1127.2	1068.7	1019.0	973.5	930.1	895.0	858.9
-40°	1256.2	1202.4	1153.6	1099.7	1053.9	1009.3	969.6	930.0	896.7	864.6	830.3
-42.5°	1143.1	1103.1	1066.0	1029.5	992.1	958.0	923.3	891.7	861.6	832.0	801.0
-45°	1050.6	1024.2	995.8	969.0	938.9	910.6	880.0	853.0	826.4	798.6	769.8
-47.5°	977.9	958.4	936.7	916.9	893.6	867.6	841.1	815.2	790.3	764.6	741.2
-50°	917.0	903.6	888.6	872.1	850.9	827.3	802.5	776.6	753.9	732.0	708.9
-52.5°	867.9	857.1	843.8	827.7	808.4	786.3	763.2	739.2	717.1	695.8	671.3
-55°	825.2	814.4	800.4	784.1	765.9	747.1	725.9	701.7	678.2	657.3	630.1
-57.5°	781.3	771.1	755.6	741.0	727.7	707.3	684.4	661.8	639.5	616.8	587.3
-60°	725.6	716.8	703.9	690.4	676.7	659.4	636.8	616.8	599.7	566.9	532.5
-62.5°	661.0	653.8	642.4	628.7	614.3	598.9	581.2	559.5	533.9	504.9	476.2
-65°	588.4	578.0	567.9	558.5	547.7	535.4	516.5	494.3	470.6	445.7	419.5
-67.5°	515.5	506.2	498.3	490.5	480.6	467.9	449.5	429.4	407.5	382.6	359.5
-70°	447.4	440.4	432.8	423.7	412.8	400.4	384.3	364.8	342.7	321.1	304.9
-72.5°	382.5	376.6	369.4	360.0	349.3	336.3	320.0	302.8	286.3	270.6	255.6
-75°	317.5	312.8	306.1	295.1	282.3	267.8	254.6	243.8	232.3	220.2	207.6
-77.5°	250.1	245.9	240.0	229.7	219.3	208.6	198.4	189.7	181.3	172.4	163.0
-80°	180.6	177.7	173.8	167.4	160.9	154.2	147.6	141.2	134.5	127.4	119.9
-82.5°	121.1	118.5	115.7	112.5	109.1	105.5	101.4	96.0	90.1	83.5	76.8
-85°	71.4	70.0	68.3	66.5	64.6	62.5	60.2	56.7	53.3	49.9	46.7
-87.5°	28.9	28.5	27.9	27.3	26.7	26.0	25.2	24.4	23.6	22.7	21.8
-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: P627889 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-U-NR-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°	20.8	19.8	18.7	17.7	16.5	15.4	14.2	13.0	11.8	10.5	9.3
85°	45.0	42.9	40.4	37.6	34.2	30.8	28.4	26.0	23.5	21.0	18.5
82.5°	72.8	70.2	67.4	63.9	58.9	53.8	48.5	43.0	37.5	31.9	27.7
80°	112.8	105.8	99.1	92.4	84.6	76.6	69.6	62.4	55.0	47.5	39.9
77.5°	153.3	143.2	132.7	123.0	113.2	103.1	92.9	82.4	72.4	63.1	53.6
75°	194.4	182.1	169.5	156.5	143.1	129.5	117.2	104.6	91.8	78.7	67.1
72.5°	240.2	224.2	207.7	190.8	175.2	159.2	142.8	126.6	111.7	96.5	81.1
70°	287.9	268.2	248.4	229.6	209.6	188.7	170.0	150.9	131.4	114.0	96.5
67.5°	337.9	317.8	294.5	269.4	246.8	223.3	197.9	175.4	153.6	131.4	111.7
65°	392.8	367.6	343.4	314.4	285.9	258.5	231.0	201.2	175.4	150.9	126.6
62.5°	446.4	416.0	387.0	357.2	326.1	294.6	263.5	230.1	197.7	170.0	142.8
60°	499.5	465.8	429.7	395.9	363.4	330.2	294.9	258.2	222.6	188.7	159.2
57.5°	549.9	514.5	473.8	434.1	397.6	362.9	325.2	285.3	246.7	209.2	175.1
55°	596.8	557.4	515.1	471.9	430.9	392.8	353.7	311.5	269.9	229.6	190.4
52.5°	640.1	598.8	553.7	507.9	463.1	421.6	380.3	336.6	292.1	249.1	207.0
50°	680.3	640.0	591.9	542.9	493.7	449.9	406.6	360.7	313.4	267.8	223.1
47.5°	715.1	676.9	630.5	577.3	525.0	477.8	432.3	384.2	333.7	285.7	238.7
45°	743.6	711.1	666.4	613.0	556.8	506.8	457.6	407.3	354.4	302.8	253.7
42.5°	770.0	739.7	699.4	647.8	589.6	535.4	482.3	429.7	374.6	319.3	268.1
40°	797.0	764.8	730.1	678.2	620.2	562.8	507.1	451.5	394.0	335.4	281.7
37.5°	822.1	788.7	753.5	706.3	647.8	588.6	531.0	472.6	412.2	351.5	294.7
35°	847.6	810.3	773.9	728.4	671.8	612.1	553.6	492.9	429.3	366.5	306.9
32.5°	872.1	830.3	790.9	746.5	693.7	633.1	573.9	510.6	445.3	380.3	318.4
30°	894.3	848.9	807.3	763.9	712.4	651.6	591.0	526.6	460.1	392.9	329.2
27.5°	912.2	864.4	823.0	778.8	727.2	668.2	606.0	541.0	473.8	404.6	339.4
25°	929.9	878.8	835.5	792.5	741.3	684.9	620.0	553.8	485.9	415.6	348.6
22.5°	949.7	892.0	845.2	805.4	755.5	701.0	633.2	564.9	496.3	425.6	356.8
20°	967.1	903.6	852.6	815.6	766.9	713.0	645.8	574.9	505.3	434.3	364.0
17.5°	982.4	915.9	862.2	821.6	775.9	723.3	657.5	583.8	512.8	442.0	370.1
15°	998.4	928.8	870.8	826.5	783.0	731.9	668.1	591.5	519.0	448.5	375.5
12.5°	1012.6	939.3	877.7	830.3	788.5	738.9	677.4	597.9	523.7	453.9	380.6
10°	1024.4	947.4	882.9	832.9	792.4	744.2	685.4	604.0	528.8	458.1	384.8
7.5°	1033.7	953.1	886.2	834.4	795.0	748.5	692.2	611.1	533.1	460.9	388.2
5°	1040.4	957.5	891.4	839.1	798.2	751.9	697.0	616.8	536.3	462.5	390.6
2.5°	1045.5	961.3	897.0	843.6	800.2	753.9	699.8	621.1	538.3	462.8	392.2
0°	1047.2	962.5	900.9	847.0	800.8	754.6	700.7	623.7	539.0	462.0	392.7
-2.5°	1045.5	961.3	897.0	843.6	800.2	753.9	699.8	621.1	538.3	462.8	392.2
-5°	1040.4	957.5	891.4	839.1	798.2	751.9	697.0	616.8	536.3	462.5	390.6
-7.5°	1033.7	953.1	886.2	834.4	795.0	748.5	692.2	611.1	533.1	460.9	388.2
-10°	1024.4	947.4	882.9	832.9	792.4	744.2	685.4	604.0	528.8	458.1	384.8
-12.5°	1012.6	939.3	877.7	830.3	788.5	738.9	677.4	597.9	523.7	453.9	380.6
-15°	998.4	928.8	870.8	826.5	783.0	731.9	668.1	591.5	519.0	448.5	375.5
-17.5°	982.4	915.9	862.2	821.6	775.9	723.3	657.5	583.8	512.8	442.0	370.1
-20°	967.1	903.6	852.6	815.6	766.9	713.0	645.8	574.9	505.3	434.3	364.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627889 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	949.7	892.0	845.2	805.4	755.5	701.0	633.2	564.9	496.3	425.6	356.8
-25°	929.9	878.8	835.5	792.5	741.3	684.9	620.0	553.8	485.9	415.6	348.6
-27.5°	912.2	864.4	823.0	778.8	727.2	668.2	606.0	541.0	473.8	404.6	339.4
-30°	894.3	848.9	807.3	763.9	712.4	651.6	591.0	526.6	460.1	392.9	329.2
-32.5°	872.1	830.3	790.9	746.5	693.7	633.1	573.9	510.6	445.3	380.3	318.4
-35°	847.6	810.3	773.9	728.4	671.8	612.1	553.6	492.9	429.3	366.5	306.9
-37.5°	822.1	788.7	753.5	706.3	647.8	588.6	531.0	472.6	412.2	351.5	294.7
-40°	797.0	764.8	730.1	678.2	620.2	562.8	507.1	451.5	394.0	335.4	281.7
-42.5°	770.0	739.7	699.4	647.8	589.6	535.4	482.3	429.7	374.6	319.3	268.1
-45°	743.6	711.1	666.4	613.0	556.8	506.8	457.6	407.3	354.4	302.8	253.7
-47.5°	715.1	676.9	630.5	577.3	525.0	477.8	432.3	384.2	333.7	285.7	238.7
-50°	680.3	640.0	591.9	542.9	493.7	449.9	406.6	360.7	313.4	267.8	223.1
-52.5°	640.1	598.8	553.7	507.9	463.1	421.6	380.3	336.6	292.1	249.1	207.0
-55°	596.8	557.4	515.1	471.9	430.9	392.8	353.7	311.5	269.9	229.6	190.4
-57.5°	549.9	514.5	473.8	434.1	397.6	362.9	325.2	285.3	246.7	209.2	175.1
-60°	499.5	465.8	429.7	395.9	363.4	330.2	294.9	258.2	222.6	188.7	159.2
-62.5°	446.4	416.0	387.0	357.2	326.1	294.6	263.5	230.1	197.7	170.0	142.8
-65°	392.8	367.6	343.4	314.4	285.9	258.5	231.0	201.2	175.4	150.9	126.6
-67.5°	337.9	317.8	294.5	269.4	246.8	223.3	197.9	175.4	153.6	131.4	111.7
-70°	287.9	268.2	248.4	229.6	209.6	188.7	170.0	150.9	131.4	114.0	96.5
-72.5°	240.2	224.2	207.7	190.8	175.2	159.2	142.8	126.6	111.7	96.5	81.1
-75°	194.4	182.1	169.5	156.5	143.1	129.5	117.2	104.6	91.8	78.7	67.1
-77.5°	153.3	143.2	132.7	123.0	113.2	103.1	92.9	82.4	72.4	63.1	53.6
-80°	112.8	105.8	99.1	92.4	84.6	76.6	69.6	62.4	55.0	47.5	39.9
-82.5°	72.8	70.2	67.4	63.9	58.9	53.8	48.5	43.0	37.5	31.9	27.7
-85°	45.0	42.9	40.4	37.6	34.2	30.8	28.4	26.0	23.5	21.0	18.5
-87.5°	20.8	19.8	18.7	17.7	16.5	15.4	14.2	13.0	11.8	10.5	9.3
-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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Scaled Data Report



REPORT NUMBER: P627889 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-U-NR-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°	8.0	6.7	5.3	4.0	2.7	1.2	0.0
85°	15.9	13.3	10.7	8.0	5.4	2.3	0.0
82.5°	23.9	19.9	16.0	12.0	8.0	3.5	0.0
80°	32.2	26.5	21.3	16.0	10.6	4.7	0.0
77.5°	43.9	34.1	26.5	19.9	13.2	5.8	0.0
75°	55.4	43.3	32.1	23.9	15.8	6.9	0.0
72.5°	66.7	52.4	39.1	27.7	18.3	8.0	0.0
70°	78.0	61.3	46.0	31.7	20.7	9.1	0.0
67.5°	90.9	70.0	52.7	36.6	23.1	10.2	0.0
65°	103.6	79.6	59.3	41.4	25.4	11.2	0.0
62.5°	115.9	89.9	65.6	46.0	27.6	12.2	0.0
60°	128.0	100.0	71.8	50.5	29.7	13.2	0.0
57.5°	141.3	109.8	79.6	54.9	32.5	14.2	0.0
55°	154.4	119.3	87.2	59.1	35.2	15.1	0.0
52.5°	167.2	128.8	94.6	63.1	37.9	15.9	0.0
50°	179.4	139.0	101.7	67.0	40.5	16.7	0.0
47.5°	191.5	148.9	108.6	71.0	43.0	17.5	0.0
45°	204.3	158.3	115.2	75.9	45.4	18.3	0.0
42.5°	216.6	167.4	121.5	80.6	47.7	18.9	0.0
40°	228.3	176.0	127.9	85.2	50.0	19.6	0.0
37.5°	239.3	184.1	134.4	89.6	52.1	20.2	0.0
35°	249.8	192.4	140.5	93.8	54.2	20.7	0.0
32.5°	259.6	200.5	146.2	97.8	56.1	21.2	0.0
30°	268.7	208.1	151.5	101.4	57.9	21.7	0.0
27.5°	277.1	215.1	156.7	104.8	59.6	22.1	0.0
25°	284.8	221.5	161.5	108.0	61.2	22.4	0.0
22.5°	291.7	227.2	165.9	110.8	62.7	22.7	0.0
20°	298.0	232.2	169.8	113.4	64.0	22.9	0.0
17.5°	303.1	236.4	173.3	115.7	65.2	23.1	0.0
15°	307.3	239.9	176.3	117.7	66.3	23.3	0.0
12.5°	310.7	242.7	178.9	119.3	67.2	23.4	0.0
10°	313.3	244.8	181.0	120.7	67.9	23.4	0.0
7.5°	315.1	246.2	182.7	121.8	68.5	23.4	0.0
5°	316.1	246.9	183.9	122.6	69.0	23.3	0.0
2.5°	316.3	247.0	184.6	123.0	69.2	23.2	0.0
0°	315.7	246.4	184.8	123.2	69.3	23.1	0.0
-2.5°	316.3	247.0	184.6	123.0	69.2	23.2	0.0
-5°	316.1	246.9	183.9	122.6	69.0	23.3	0.0
-7.5°	315.1	246.2	182.7	121.8	68.5	23.4	0.0
-10°	313.3	244.8	181.0	120.7	67.9	23.4	0.0
-12.5°	310.7	242.7	178.9	119.3	67.2	23.4	0.0
-15°	307.3	239.9	176.3	117.7	66.3	23.3	0.0
-17.5°	303.1	236.4	173.3	115.7	65.2	23.1	0.0
-20°	298.0	232.2	169.8	113.4	64.0	22.9	0.0

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REPORT NUMBER: P627889 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	291.7	227.2	165.9	110.8	62.7	22.7	0.0
-25°	284.8	221.5	161.5	108.0	61.2	22.4	0.0
-27.5°	277.1	215.1	156.7	104.8	59.6	22.1	0.0
-30°	268.7	208.1	151.5	101.4	57.9	21.7	0.0
-32.5°	259.6	200.5	146.2	97.8	56.1	21.2	0.0
-35°	249.8	192.4	140.5	93.8	54.2	20.7	0.0
-37.5°	239.3	184.1	134.4	89.6	52.1	20.2	0.0
-40°	228.3	176.0	127.9	85.2	50.0	19.6	0.0
-42.5°	216.6	167.4	121.5	80.6	47.7	18.9	0.0
-45°	204.3	158.3	115.2	75.9	45.4	18.3	0.0
-47.5°	191.5	148.9	108.6	71.0	43.0	17.5	0.0
-50°	179.4	139.0	101.7	67.0	40.5	16.7	0.0
-52.5°	167.2	128.8	94.6	63.1	37.9	15.9	0.0
-55°	154.4	119.3	87.2	59.1	35.2	15.1	0.0
-57.5°	141.3	109.8	79.6	54.9	32.5	14.2	0.0
-60°	128.0	100.0	71.8	50.5	29.7	13.2	0.0
-62.5°	115.9	89.9	65.6	46.0	27.6	12.2	0.0
-65°	103.6	79.6	59.3	41.4	25.4	11.2	0.0
-67.5°	90.9	70.0	52.7	36.6	23.1	10.2	0.0
-70°	78.0	61.3	46.0	31.7	20.7	9.1	0.0
-72.5°	66.7	52.4	39.1	27.7	18.3	8.0	0.0
-75°	55.4	43.3	32.1	23.9	15.8	6.9	0.0
-77.5°	43.9	34.1	26.5	19.9	13.2	5.8	0.0
-80°	32.2	26.5	21.3	16.0	10.6	4.7	0.0
-82.5°	23.9	19.9	16.0	12.0	8.0	3.5	0.0
-85°	15.9	13.3	10.7	8.0	5.4	2.3	0.0
-87.5°	8.0	6.7	5.3	4.0	2.7	1.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)