

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: P627267 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-730-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627267 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3E-730-U-MWR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N70
Light Source: (48) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

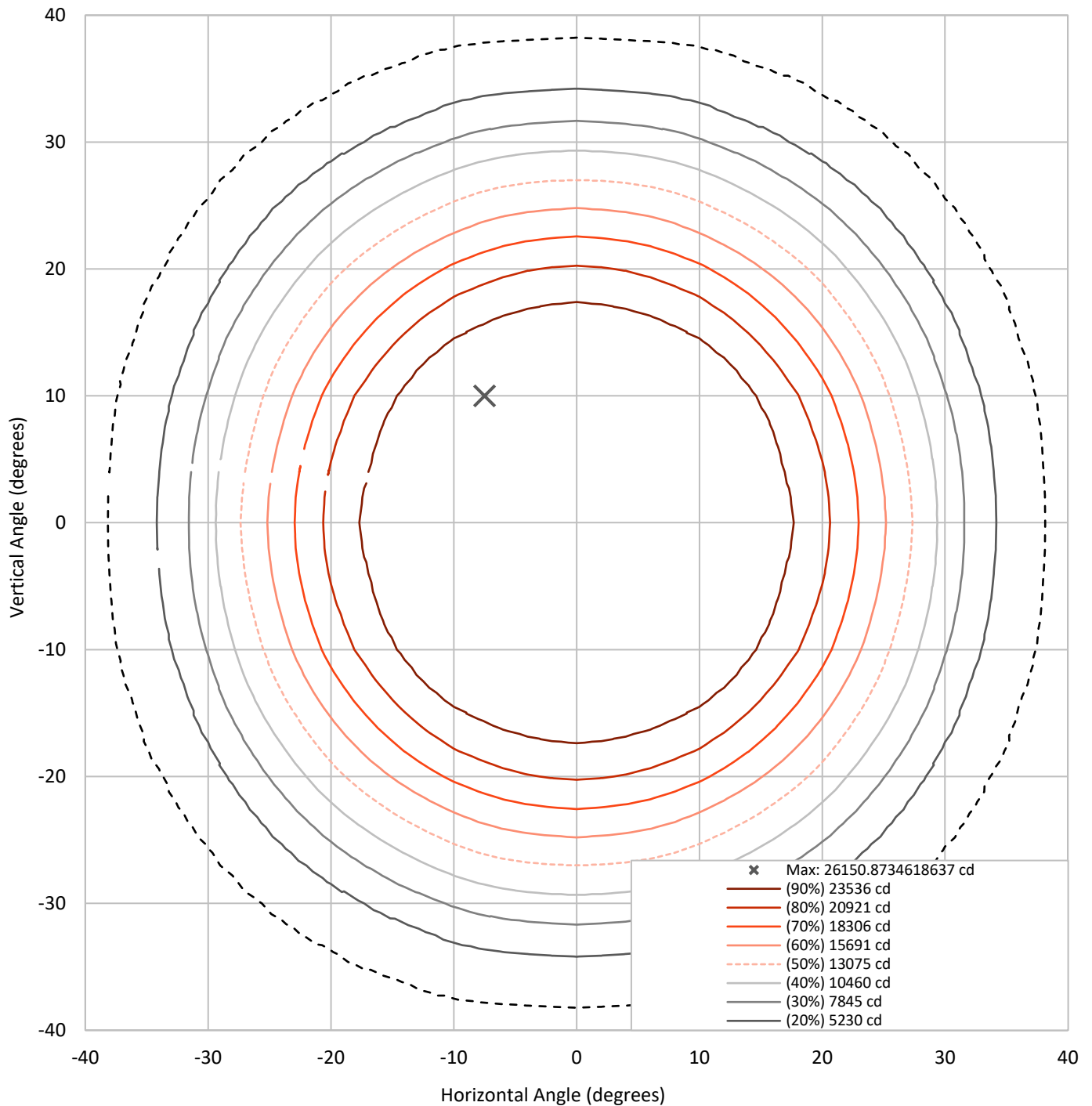
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	22256.8 lumens	Max Intensity:	26150.9 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	120.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	14772.8 lumens	Field Lumens:	19208.8 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	185.2		
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





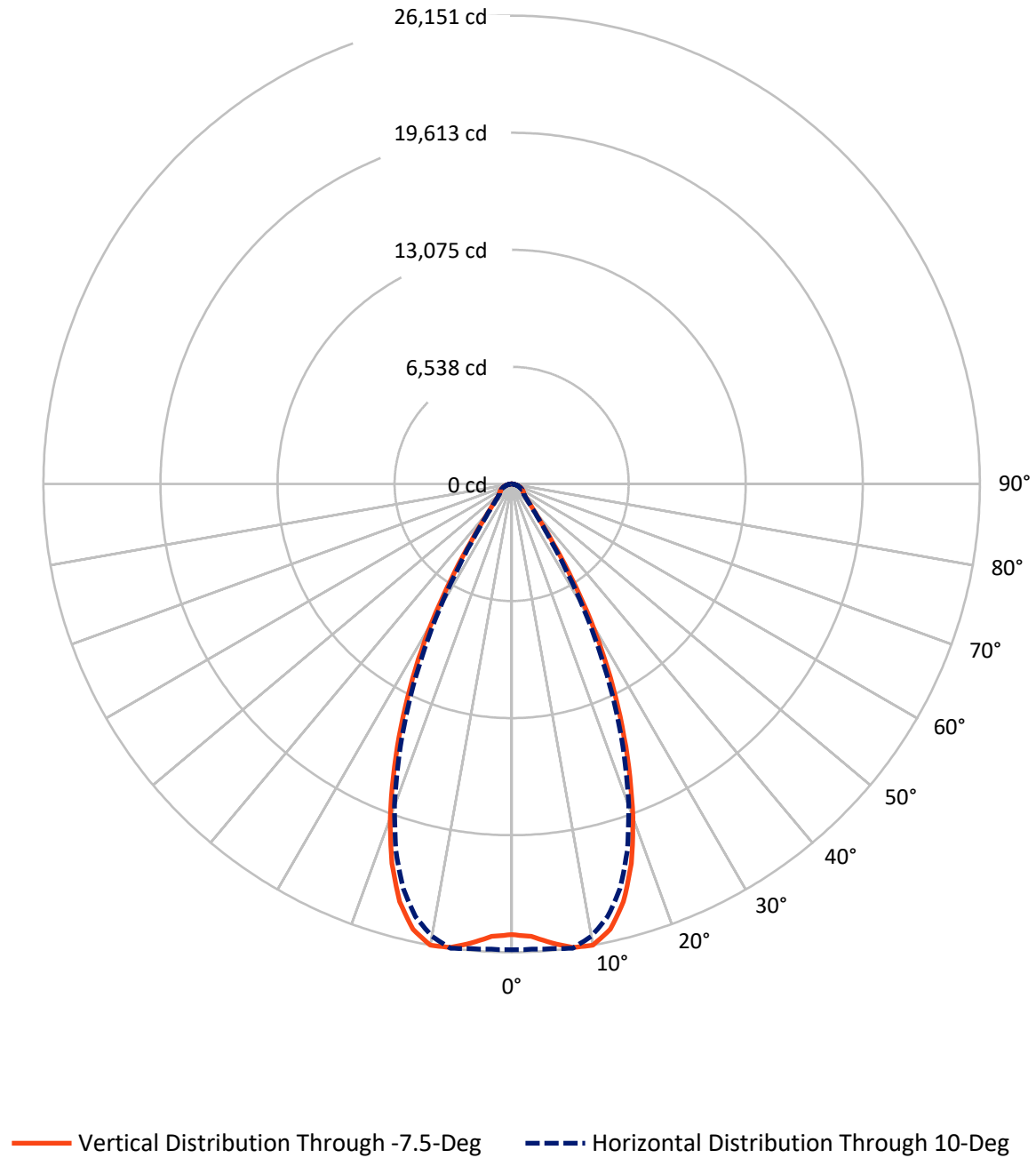
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Lumen Table

90																			
80	0.6	5.2		14.0		22.1		24.7		22.1		14.0		5.2	0.6				
70																			
60	2.4	2.7	5.5	8.9	12.5	15.1	17.1	18.1	18.1	17.1	15.1	12.5	8.9	5.5	2.7	2.4			
50		4.0	8.0	12.8	17.2	20.8	23.2	24.3	24.3	23.2	20.8	17.2	12.8	8.0	4.0				
40	4.2	5.2	10.2	15.6	20.9	27.2	34.2	39.2	39.2	34.2	27.2	20.9	15.6	10.2	5.2	4.2			
30		6.1	11.8	17.9	27.7	50.6	96.8	143.5	143.5	96.8	50.6	27.7	17.9	11.8	6.1				
20	5.4	6.9	12.9	20.9	45.6	142.9	320.5	447.6	447.6	320.5	142.9	45.6	20.9	12.9	6.9	5.4			
10		7.3	13.6	24.8	82.4	304.6	581.7	728.0	728.0	581.7	304.6	82.4	24.8	13.6	7.3				
0	5.8	7.6	13.9	28.0	118.6	416.8	705.7	767.8	767.8	705.7	416.8	118.6	28.0	13.9	7.6	5.8			
-10		7.6	13.9	28.0	118.6	416.8	705.7	767.8	767.8	705.7	416.8	118.6	28.0	13.9	7.6				
-20	5.4	7.3	13.6	24.8	82.4	304.6	581.7	728.0	728.0	581.7	304.6	82.4	24.8	13.6	7.3	5.4			
-30		6.9	12.9	20.9	45.6	142.9	320.5	447.6	447.6	320.5	142.9	45.6	20.9	12.9	6.9				
-40	4.2	6.1	11.8	17.9	27.7	50.6	96.8	143.5	143.5	96.8	50.6	27.7	17.9	11.8	6.1	4.2			
-50		5.2	10.2	15.6	20.9	27.2	34.2	39.2	39.2	34.2	27.2	20.9	15.6	10.2	5.2				
-60	2.4	4.0	8.0	12.8	17.2	20.8	23.2	24.3	24.3	23.2	20.8	17.2	12.8	8.0	4.0	2.4			
-70		2.7	5.5	8.9	12.5	15.1	17.1	18.1	18.1	17.1	15.1	12.5	8.9	5.5	2.7				
-80																			
-90	0.6	5.2		14.0		22.1		24.7		22.1		14.0		5.2	0.6				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

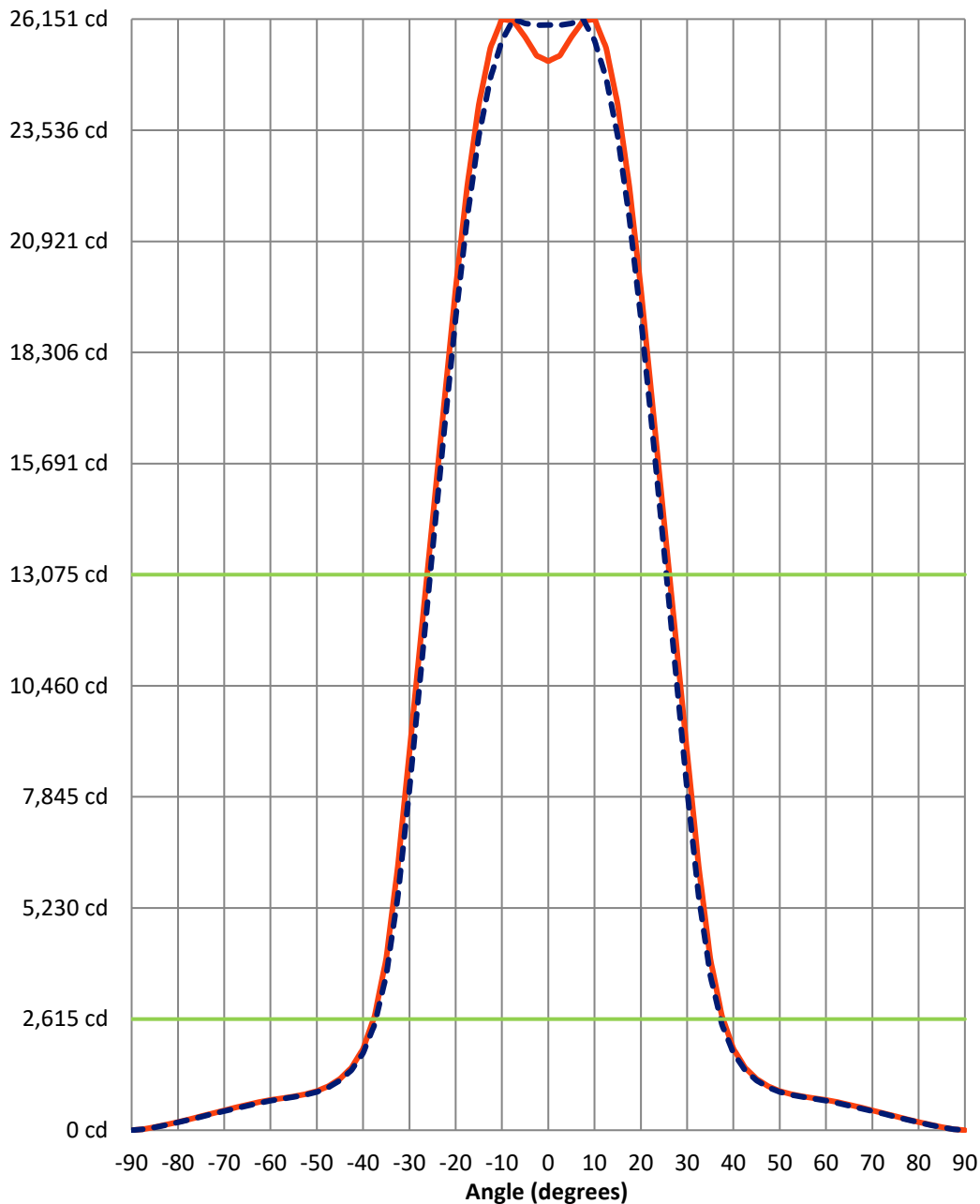
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 14772.8
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 19208.8
 Efficiency: 86.3%

Spill:
 Lumens: 3048
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg
 - - Horizontal Distribution through 10-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	1.0	2.0	3.0	4.0	5.0	5.9	7.2	8.6	10.1	11.6
85°	0.0	2.0	4.0	6.0	7.9	9.9	11.8	14.4	17.2	20.1	23.2
82.5°	0.0	3.0	6.0	8.9	11.9	14.8	17.7	21.6	26.3	33.1	39.5
80°	0.0	4.0	7.9	11.9	15.8	19.7	24.4	33.7	42.5	50.8	58.7
77.5°	0.0	5.0	9.9	14.8	19.7	26.6	37.2	48.2	58.6	68.5	79.1
75°	0.0	5.9	11.8	17.7	24.4	37.2	49.9	62.6	75.1	89.5	103.7
72.5°	0.0	6.9	13.8	20.6	32.8	47.7	62.4	77.7	94.7	111.5	128.0
70°	0.0	7.8	15.6	24.1	41.1	58.0	75.1	94.7	114.1	133.2	153.3
67.5°	0.0	8.8	17.5	30.2	49.3	68.2	89.3	111.5	133.2	155.6	178.5
65°	0.0	9.7	19.3	36.2	57.3	78.9	103.3	128.0	152.5	177.6	204.2
62.5°	0.0	10.6	21.1	42.1	65.1	90.2	117.0	144.2	171.3	199.6	231.8
60°	0.0	11.4	22.9	47.9	72.8	101.1	130.3	160.1	189.6	223.6	258.6
57.5°	0.0	12.3	26.6	53.5	81.2	111.8	143.6	175.5	209.6	246.9	283.9
55°	0.0	13.1	30.1	59.0	89.4	122.1	156.7	190.6	229.4	269.2	308.3
52.5°	0.0	13.9	33.6	64.3	97.2	132.2	169.4	207.2	248.5	290.5	331.9
50°	0.0	14.7	36.9	69.4	104.8	142.6	181.9	223.4	266.9	311.0	354.7
47.5°	0.0	15.5	40.1	74.5	112.1	152.6	194.1	238.9	284.5	330.9	376.8
45°	0.0	16.2	43.1	79.7	119.1	162.4	206.8	253.7	301.5	349.9	398.1
42.5°	0.0	16.9	46.0	84.7	125.7	171.8	218.8	267.8	317.7	368.2	418.1
40°	0.0	17.5	48.8	89.3	132.4	180.8	230.3	281.2	333.1	385.7	437.4
37.5°	0.0	18.2	51.3	93.5	139.3	189.4	241.1	293.8	348.0	402.6	456.0
35°	0.0	18.8	53.7	97.6	145.7	197.7	251.2	305.5	362.2	418.3	473.3
32.5°	0.0	19.3	56.0	101.3	151.8	205.7	260.6	316.4	375.7	433.0	488.5
30°	0.0	19.8	58.0	104.8	157.6	213.0	269.3	326.7	388.4	446.5	502.7
27.5°	0.0	20.3	59.9	108.0	162.7	219.8	277.3	336.9	399.9	458.8	515.9
25°	0.0	20.8	61.6	110.9	167.3	225.9	284.6	346.2	410.0	469.7	527.9
22.5°	0.0	21.2	63.1	113.6	171.5	231.4	291.1	354.8	419.0	479.4	538.8
20°	0.0	21.5	64.5	115.9	175.2	236.1	296.9	362.6	427.0	488.0	548.5
17.5°	0.0	21.8	65.6	118.0	178.4	240.2	302.1	369.4	433.9	495.6	557.0
15°	0.0	22.1	66.6	119.7	181.2	243.6	306.8	375.6	439.8	502.1	564.3
12.5°	0.0	22.4	67.4	121.1	183.5	246.5	310.9	381.1	445.0	507.4	570.3
10°	0.0	22.6	68.0	122.3	185.3	248.8	314.2	385.6	449.6	512.5	575.4
7.5°	0.0	22.7	68.4	123.1	186.6	250.4	316.9	389.1	453.1	516.5	579.9
5°	0.0	22.8	68.7	123.6	187.4	251.5	318.8	391.6	455.7	519.4	583.2
2.5°	0.0	22.9	68.7	123.7	187.8	251.9	320.0	393.1	457.2	521.1	585.1
0°	0.0	22.9	68.6	123.6	187.6	251.7	320.4	393.6	457.7	521.7	585.8
-2.5°	0.0	22.9	68.7	123.7	187.8	251.9	320.0	393.1	457.2	521.1	585.1
-5°	0.0	22.8	68.7	123.6	187.4	251.5	318.8	391.6	455.7	519.4	583.2
-7.5°	0.0	22.7	68.4	123.1	186.6	250.4	316.9	389.1	453.1	516.5	579.9
-10°	0.0	22.6	68.0	122.3	185.3	248.8	314.2	385.6	449.6	512.5	575.4
-12.5°	0.0	22.4	67.4	121.1	183.5	246.5	310.9	381.1	445.0	507.4	570.3
-15°	0.0	22.1	66.6	119.7	181.2	243.6	306.8	375.6	439.8	502.1	564.3
-17.5°	0.0	21.8	65.6	118.0	178.4	240.2	302.1	369.4	433.9	495.6	557.0
-20°	0.0	21.5	64.5	115.9	175.2	236.1	296.9	362.6	427.0	488.0	548.5

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	21.2	63.1	113.6	171.5	231.4	291.1	354.8	419.0	479.4	538.8
-25°	0.0	20.8	61.6	110.9	167.3	225.9	284.6	346.2	410.0	469.7	527.9
-27.5°	0.0	20.3	59.9	108.0	162.7	219.8	277.3	336.9	399.9	458.8	515.9
-30°	0.0	19.8	58.0	104.8	157.6	213.0	269.3	326.7	388.4	446.5	502.7
-32.5°	0.0	19.3	56.0	101.3	151.8	205.7	260.6	316.4	375.7	433.0	488.5
-35°	0.0	18.8	53.7	97.6	145.7	197.7	251.2	305.5	362.2	418.3	473.3
-37.5°	0.0	18.2	51.3	93.5	139.3	189.4	241.1	293.8	348.0	402.6	456.0
-40°	0.0	17.5	48.8	89.3	132.4	180.8	230.3	281.2	333.1	385.7	437.4
-42.5°	0.0	16.9	46.0	84.7	125.7	171.8	218.8	267.8	317.7	368.2	418.1
-45°	0.0	16.2	43.1	79.7	119.1	162.4	206.8	253.7	301.5	349.9	398.1
-47.5°	0.0	15.5	40.1	74.5	112.1	152.6	194.1	238.9	284.5	330.9	376.8
-50°	0.0	14.7	36.9	69.4	104.8	142.6	181.9	223.4	266.9	311.0	354.7
-52.5°	0.0	13.9	33.6	64.3	97.2	132.2	169.4	207.2	248.5	290.5	331.9
-55°	0.0	13.1	30.1	59.0	89.4	122.1	156.7	190.6	229.4	269.2	308.3
-57.5°	0.0	12.3	26.6	53.5	81.2	111.8	143.6	175.5	209.6	246.9	283.9
-60°	0.0	11.4	22.9	47.9	72.8	101.1	130.3	160.1	189.6	223.6	258.6
-62.5°	0.0	10.6	21.1	42.1	65.1	90.2	117.0	144.2	171.3	199.6	231.8
-65°	0.0	9.7	19.3	36.2	57.3	78.9	103.3	128.0	152.5	177.6	204.2
-67.5°	0.0	8.8	17.5	30.2	49.3	68.2	89.3	111.5	133.2	155.6	178.5
-70°	0.0	7.8	15.6	24.1	41.1	58.0	75.1	94.7	114.1	133.2	153.3
-72.5°	0.0	6.9	13.8	20.6	32.8	47.7	62.4	77.7	94.7	111.5	128.0
-75°	0.0	5.9	11.8	17.7	24.4	37.2	49.9	62.6	75.1	89.5	103.7
-77.5°	0.0	5.0	9.9	14.8	19.7	26.6	37.2	48.2	58.6	68.5	79.1
-80°	0.0	4.0	7.9	11.9	15.8	19.7	24.4	33.7	42.5	50.8	58.7
-82.5°	0.0	3.0	6.0	8.9	11.9	14.8	17.7	21.6	26.3	33.1	39.5
-85°	0.0	2.0	4.0	6.0	7.9	9.9	11.8	14.4	17.2	20.1	23.2
-87.5°	0.0	1.0	2.0	3.0	4.0	5.0	5.9	7.2	8.6	10.1	11.6
-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°	12.7	13.7	14.8	15.8	16.7	17.7	18.6	19.4	20.3	21.1	21.8
85°	25.4	27.5	31.1	34.8	38.4	41.8	45.1	48.3	51.3	54.2	57.0
82.5°	45.4	51.3	57.4	63.5	68.9	74.0	79.1	84.3	89.5	94.7	99.8
80°	66.7	75.0	84.4	93.4	101.3	108.7	115.9	122.9	130.4	138.5	146.7
77.5°	91.3	103.1	114.2	124.6	134.5	145.4	156.0	166.1	176.7	187.1	197.1
75°	117.8	131.2	145.4	159.3	172.8	185.9	198.7	211.8	225.0	238.0	250.5
72.5°	145.0	162.1	178.8	195.1	211.8	228.2	244.0	259.3	275.0	291.1	306.4
70°	173.4	192.9	213.4	233.2	252.2	271.3	290.6	309.2	327.5	346.0	364.5
67.5°	202.0	226.4	249.5	271.6	293.9	316.4	338.2	360.5	382.0	403.6	424.3
65°	233.4	260.1	285.4	310.7	336.0	362.4	388.2	413.0	438.0	462.1	483.9
62.5°	264.3	292.7	320.7	349.4	379.6	409.2	437.3	465.8	494.8	520.1	542.2
60°	292.6	324.2	355.6	388.2	421.6	453.5	485.0	515.9	547.1	576.2	594.2
57.5°	320.1	354.9	389.7	424.9	460.0	495.6	528.7	562.7	591.8	616.3	637.2
55°	346.8	384.6	421.6	458.5	496.5	533.6	569.7	602.1	630.4	650.9	671.0
52.5°	372.7	412.6	450.8	490.8	531.1	570.6	608.2	638.3	661.5	682.4	701.1
50°	397.9	438.5	478.9	522.1	564.7	606.5	641.9	668.1	691.8	712.2	731.9
47.5°	421.5	463.8	506.9	552.4	597.3	637.7	670.1	697.7	721.8	743.8	767.1
45°	444.2	489.1	534.7	581.7	627.4	666.5	697.8	727.5	750.1	774.9	801.6
42.5°	466.2	513.4	561.2	609.7	655.9	692.4	723.7	750.9	777.5	806.9	839.1
40°	487.2	536.3	586.2	636.7	682.8	715.1	745.8	774.6	806.9	841.8	879.2
37.5°	506.9	557.9	609.7	662.1	702.6	735.9	767.3	799.4	836.9	877.4	928.1
35°	525.2	578.0	631.5	681.8	720.3	755.7	788.1	823.9	867.7	920.6	985.6
32.5°	542.3	596.5	651.6	697.8	736.6	773.3	806.7	851.4	904.0	967.0	1059.0
30°	558.0	613.5	668.7	713.4	751.4	788.2	828.9	879.2	940.7	1032.7	1150.3
27.5°	572.6	628.9	682.2	726.5	764.5	802.5	850.1	911.1	992.1	1101.8	1248.1
25°	585.9	643.6	695.1	737.4	776.7	818.8	870.5	939.1	1045.7	1187.3	1385.0
22.5°	598.0	657.0	707.5	746.9	788.1	833.8	894.0	979.8	1102.7	1268.1	1523.1
20°	608.8	667.0	716.8	755.8	798.7	846.1	915.0	1018.4	1166.7	1380.9	1706.4
17.5°	618.3	675.8	723.7	764.4	809.0	860.1	935.4	1051.9	1223.5	1479.3	1891.6
15°	626.4	683.4	729.6	771.7	817.9	876.1	963.9	1095.7	1289.6	1581.7	2053.1
12.5°	633.1	689.6	734.4	777.7	825.3	889.5	988.2	1137.0	1358.1	1707.4	2291.0
10°	638.5	694.5	738.1	782.4	831.1	900.3	1008.0	1170.7	1414.9	1816.3	2494.0
7.5°	643.4	698.0	740.6	785.6	835.2	908.3	1023.0	1196.7	1458.4	1901.8	2654.6
5°	647.0	700.2	742.0	787.6	838.7	913.5	1033.2	1214.8	1488.4	1962.9	2767.6
2.5°	649.2	700.9	742.3	788.1	841.2	915.9	1038.5	1224.7	1512.1	1991.8	2828.4
0°	649.9	700.2	741.4	787.2	842.1	915.3	1038.9	1226.5	1524.0	1990.8	2837.5
-2.5°	649.2	700.9	742.3	788.1	841.2	915.9	1038.5	1224.7	1512.1	1991.8	2828.4
-5°	647.0	700.2	742.0	787.6	838.7	913.5	1033.2	1214.8	1488.4	1962.9	2767.6
-7.5°	643.4	698.0	740.6	785.6	835.2	908.3	1023.0	1196.7	1458.4	1901.8	2654.6
-10°	638.5	694.5	738.1	782.4	831.1	900.3	1008.0	1170.7	1414.9	1816.3	2494.0
-12.5°	633.1	689.6	734.4	777.7	825.3	889.5	988.2	1137.0	1358.1	1707.4	2291.0
-15°	626.4	683.4	729.6	771.7	817.9	876.1	963.9	1095.7	1289.6	1581.7	2053.1
-17.5°	618.3	675.8	723.7	764.4	809.0	860.1	935.4	1051.9	1223.5	1479.3	1891.6
-20°	608.8	667.0	716.8	755.8	798.7	846.1	915.0	1018.4	1166.7	1380.9	1706.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627267 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	598.0	657.0	707.5	746.9	788.1	833.8	894.0	979.8	1102.7	1268.1	1523.1
-25°	585.9	643.6	695.1	737.4	776.7	818.8	870.5	939.1	1045.7	1187.3	1385.0
-27.5°	572.6	628.9	682.2	726.5	764.5	802.5	850.1	911.1	992.1	1101.8	1248.1
-30°	558.0	613.5	668.7	713.4	751.4	788.2	828.9	879.2	940.7	1032.7	1150.3
-32.5°	542.3	596.5	651.6	697.8	736.6	773.3	806.7	851.4	904.0	967.0	1059.0
-35°	525.2	578.0	631.5	681.8	720.3	755.7	788.1	823.9	867.7	920.6	985.6
-37.5°	506.9	557.9	609.7	662.1	702.6	735.9	767.3	799.4	836.9	877.4	928.1
-40°	487.2	536.3	586.2	636.7	682.8	715.1	745.8	774.6	806.9	841.8	879.2
-42.5°	466.2	513.4	561.2	609.7	655.9	692.4	723.7	750.9	777.5	806.9	839.1
-45°	444.2	489.1	534.7	581.7	627.4	666.5	697.8	727.5	750.1	774.9	801.6
-47.5°	421.5	463.8	506.9	552.4	597.3	637.7	670.1	697.7	721.8	743.8	767.1
-50°	397.9	438.5	478.9	522.1	564.7	606.5	641.9	668.1	691.8	712.2	731.9
-52.5°	372.7	412.6	450.8	490.8	531.1	570.6	608.2	638.3	661.5	682.4	701.1
-55°	346.8	384.6	421.6	458.5	496.5	533.6	569.7	602.1	630.4	650.9	671.0
-57.5°	320.1	354.9	389.7	424.9	460.0	495.6	528.7	562.7	591.8	616.3	637.2
-60°	292.6	324.2	355.6	388.2	421.6	453.5	485.0	515.9	547.1	576.2	594.2
-62.5°	264.3	292.7	320.7	349.4	379.6	409.2	437.3	465.8	494.8	520.1	542.2
-65°	233.4	260.1	285.4	310.7	336.0	362.4	388.2	413.0	438.0	462.1	483.9
-67.5°	202.0	226.4	249.5	271.6	293.9	316.4	338.2	360.5	382.0	403.6	424.3
-70°	173.4	192.9	213.4	233.2	252.2	271.3	290.6	309.2	327.5	346.0	364.5
-72.5°	145.0	162.1	178.8	195.1	211.8	228.2	244.0	259.3	275.0	291.1	306.4
-75°	117.8	131.2	145.4	159.3	172.8	185.9	198.7	211.8	225.0	238.0	250.5
-77.5°	91.3	103.1	114.2	124.6	134.5	145.4	156.0	166.1	176.7	187.1	197.1
-80°	66.7	75.0	84.4	93.4	101.3	108.7	115.9	122.9	130.4	138.5	146.7
-82.5°	45.4	51.3	57.4	63.5	68.9	74.0	79.1	84.3	89.5	94.7	99.8
-85°	25.4	27.5	31.1	34.8	38.4	41.8	45.1	48.3	51.3	54.2	57.0
-87.5°	12.7	13.7	14.8	15.8	16.7	17.7	18.6	19.4	20.3	21.1	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: P627267 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-730-U-MWR-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°	22.5	22.2	21.8	21.3	20.8	22.2	23.7	25.1	26.6	25.7	24.8
85°	59.6	60.9	62.0	63.0	63.8	66.6	69.4	72.0	74.3	74.3	74.0
82.5°	104.8	108.2	111.1	113.7	116.0	119.3	122.3	124.9	127.1	128.7	130.1
80°	154.5	160.0	164.6	168.9	172.7	177.1	181.2	184.8	188.0	189.7	190.8
77.5°	206.9	214.9	222.1	228.9	235.3	241.7	247.6	252.8	257.3	258.4	258.2
75°	262.4	273.2	283.3	292.6	301.2	308.6	314.9	320.2	324.5	326.7	327.8
72.5°	321.0	334.2	346.0	356.7	365.9	373.6	380.2	385.9	390.8	393.8	395.7
70°	382.0	397.6	409.8	419.9	427.8	435.3	443.9	452.0	459.6	463.8	465.5
67.5°	443.2	459.4	470.6	479.8	487.0	494.4	505.1	514.8	523.4	529.2	532.9
65°	503.1	520.2	531.4	540.1	546.7	554.2	566.2	575.8	583.1	588.9	594.2
62.5°	562.3	579.5	591.9	602.4	612.0	620.3	630.1	638.2	644.4	650.1	656.6
60°	613.5	633.9	647.0	657.6	669.6	682.4	689.7	695.7	700.9	705.5	709.5
57.5°	655.4	673.6	690.5	703.2	715.6	727.6	736.1	741.8	746.3	749.8	751.1
55°	690.5	709.3	728.1	741.9	754.0	765.2	774.6	782.0	788.1	792.9	794.1
52.5°	721.9	743.0	761.4	777.3	793.4	806.6	816.9	827.0	835.8	842.8	845.9
50°	756.1	778.2	801.2	822.5	839.6	854.7	867.1	881.3	896.3	908.7	916.5
47.5°	792.0	817.5	845.3	871.5	891.8	914.1	934.8	955.9	983.7	1007.0	1024.3
45°	829.6	862.3	894.0	927.3	955.4	997.4	1036.4	1070.0	1114.5	1154.9	1187.0
42.5°	874.0	914.8	953.6	1007.0	1062.8	1120.2	1182.3	1235.3	1304.9	1375.8	1433.0
40°	926.6	978.7	1047.1	1118.8	1206.9	1285.9	1393.0	1488.5	1595.3	1730.4	1842.0
37.5°	989.9	1070.1	1165.4	1265.2	1402.7	1534.1	1711.2	1897.8	2067.1	2326.9	2545.6
35°	1072.1	1184.2	1309.6	1486.4	1681.0	1927.2	2203.5	2563.8	2872.8	3311.2	3730.2
32.5°	1178.1	1322.2	1527.0	1799.9	2087.6	2534.6	2972.8	3598.6	4178.0	4872.9	5622.7
30°	1296.0	1515.3	1828.3	2202.6	2739.2	3396.8	4169.4	5130.5	6182.3	7158.9	8121.2
27.5°	1466.8	1781.2	2192.3	2796.2	3632.6	4552.6	5906.2	7210.8	8572.0	9781.9	10791.0
25°	1666.3	2081.8	2717.5	3606.7	4737.8	6313.2	7933.6	9543.8	11007.6	12274.2	13389.2
22.5°	1923.9	2521.4	3368.9	4520.7	6282.1	8170.3	10070.5	11846.5	13407.9	14818.4	16025.3
20°	2204.1	2951.8	4162.1	5879.6	7893.9	10045.1	12190.6	14082.4	15801.6	17400.9	18761.2
17.5°	2559.3	3606.3	5139.0	7199.4	9528.2	11885.1	14139.0	16192.1	18142.6	19835.0	21256.3
15°	2862.0	4182.7	6183.1	8599.5	11118.5	13604.7	15984.3	18214.3	20242.2	21978.6	23314.7
12.5°	3265.7	4828.8	7110.1	9803.2	12532.8	15149.0	17655.4	19960.2	22024.0	23741.3	24781.4
10°	3647.3	5497.6	8006.1	10814.6	13650.5	16437.9	19114.1	21477.9	23394.0	24760.1	25646.5
7.5°	3971.8	6072.4	8734.9	11632.1	14538.5	17452.7	20161.7	22461.6	24228.4	25369.2	25986.3
5°	4214.0	6502.1	9275.9	12296.4	15278.8	18244.2	20932.0	23091.1	24618.1	25465.6	25775.4
2.5°	4368.4	6754.4	9589.9	12732.2	15774.2	18744.9	21460.3	23585.6	24881.2	25442.9	25496.2
0°	4430.1	6787.1	9638.3	12960.9	15899.1	18887.6	21610.6	23789.1	24979.0	25441.2	25432.1
-2.5°	4368.4	6754.4	9589.9	12732.2	15774.2	18744.9	21460.3	23585.6	24881.2	25442.9	25496.2
-5°	4214.0	6502.1	9275.9	12296.4	15278.8	18244.2	20932.0	23091.1	24618.1	25465.6	25775.4
-7.5°	3971.8	6072.4	8734.9	11632.1	14538.5	17452.7	20161.7	22461.6	24228.4	25369.2	25986.3
-10°	3647.3	5497.6	8006.1	10814.6	13650.5	16437.9	19114.1	21477.9	23394.0	24760.1	25646.5
-12.5°	3265.7	4828.8	7110.1	9803.2	12532.8	15149.0	17655.4	19960.2	22024.0	23741.3	24781.4
-15°	2862.0	4182.7	6183.1	8599.5	11118.5	13604.7	15984.3	18214.3	20242.2	21978.6	23314.7
-17.5°	2559.3	3606.3	5139.0	7199.4	9528.2	11885.1	14139.0	16192.1	18142.6	19835.0	21256.3
-20°	2204.1	2951.8	4162.1	5879.6	7893.9	10045.1	12190.6	14082.4	15801.6	17400.9	18761.2



REPORT NUMBER: P627267 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1923.9	2521.4	3368.9	4520.7	6282.1	8170.3	10070.5	11846.5	13407.9	14818.4	16025.3
-25°	1666.3	2081.8	2717.5	3606.7	4737.8	6313.2	7933.6	9543.8	11007.6	12274.2	13389.2
-27.5°	1466.8	1781.2	2192.3	2796.2	3632.6	4552.6	5906.2	7210.8	8572.0	9781.9	10791.0
-30°	1296.0	1515.3	1828.3	2202.6	2739.2	3396.8	4169.4	5130.5	6182.3	7158.9	8121.2
-32.5°	1178.1	1322.2	1527.0	1799.9	2087.6	2534.6	2972.8	3598.6	4178.0	4872.9	5622.7
-35°	1072.1	1184.2	1309.6	1486.4	1681.0	1927.2	2203.5	2563.8	2872.8	3311.2	3730.2
-37.5°	989.9	1070.1	1165.4	1265.2	1402.7	1534.1	1711.2	1897.8	2067.1	2326.9	2545.6
-40°	926.6	978.7	1047.1	1118.8	1206.9	1285.9	1393.0	1488.5	1595.3	1730.4	1842.0
-42.5°	874.0	914.8	953.6	1007.0	1062.8	1120.2	1182.3	1235.3	1304.9	1375.8	1433.0
-45°	829.6	862.3	894.0	927.3	955.4	997.4	1036.4	1070.0	1114.5	1154.9	1187.0
-47.5°	792.0	817.5	845.3	871.5	891.8	914.1	934.8	955.9	983.7	1007.0	1024.3
-50°	756.1	778.2	801.2	822.5	839.6	854.7	867.1	881.3	896.3	908.7	916.5
-52.5°	721.9	743.0	761.4	777.3	793.4	806.6	816.9	827.0	835.8	842.8	845.9
-55°	690.5	709.3	728.1	741.9	754.0	765.2	774.6	782.0	788.1	792.9	794.1
-57.5°	655.4	673.6	690.5	703.2	715.6	727.6	736.1	741.8	746.3	749.8	751.1
-60°	613.5	633.9	647.0	657.6	669.6	682.4	689.7	695.7	700.9	705.5	709.5
-62.5°	562.3	579.5	591.9	602.4	612.0	620.3	630.1	638.2	644.4	650.1	656.6
-65°	503.1	520.2	531.4	540.1	546.7	554.2	566.2	575.8	583.1	588.9	594.2
-67.5°	443.2	459.4	470.6	479.8	487.0	494.4	505.1	514.8	523.4	529.2	532.9
-70°	382.0	397.6	409.8	419.9	427.8	435.3	443.9	452.0	459.6	463.8	465.5
-72.5°	321.0	334.2	346.0	356.7	365.9	373.6	380.2	385.9	390.8	393.8	395.7
-75°	262.4	273.2	283.3	292.6	301.2	308.6	314.9	320.2	324.5	326.7	327.8
-77.5°	206.9	214.9	222.1	228.9	235.3	241.7	247.6	252.8	257.3	258.4	258.2
-80°	154.5	160.0	164.6	168.9	172.7	177.1	181.2	184.8	188.0	189.7	190.8
-82.5°	104.8	108.2	111.1	113.7	116.0	119.3	122.3	124.9	127.1	128.7	130.1
-85°	59.6	60.9	62.0	63.0	63.8	66.6	69.4	72.0	74.3	74.3	74.0
-87.5°	22.5	22.2	21.8	21.3	20.8	22.2	23.7	25.1	26.6	25.7	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: P627267 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-U-MWR-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°	23.8	22.8	22.9	22.9	22.9	22.8	23.8	24.8	25.7	26.6	25.1
85°	73.5	72.8	70.8	68.6	70.8	72.8	73.5	74.0	74.3	74.3	72.0
82.5°	131.2	132.0	130.2	128.1	130.2	132.0	131.2	130.1	128.7	127.1	124.9
80°	191.3	191.3	189.7	187.6	189.7	191.3	191.3	190.8	189.7	188.0	184.8
77.5°	257.1	255.2	256.0	256.3	256.0	255.2	257.1	258.2	258.4	257.3	252.8
75°	328.3	328.0	326.9	324.9	326.9	328.0	328.3	327.8	326.7	324.5	320.2
72.5°	396.6	396.5	395.5	393.6	395.5	396.5	396.6	395.7	393.8	390.8	385.9
70°	465.9	465.1	466.2	466.8	466.2	465.1	465.9	465.5	463.8	459.6	452.0
67.5°	535.7	537.6	537.3	535.5	537.3	537.6	535.7	532.9	529.2	523.4	514.8
65°	598.4	601.5	603.4	604.1	603.4	601.5	598.4	594.2	588.9	583.1	575.8
62.5°	661.7	665.3	665.5	663.6	665.5	665.3	661.7	656.6	650.1	644.4	638.2
60°	711.7	712.3	711.4	709.4	711.4	712.3	711.7	709.5	705.5	700.9	695.7
57.5°	751.1	749.8	748.2	746.0	748.2	749.8	751.1	751.1	749.8	746.3	741.8
55°	793.4	791.2	789.3	787.2	789.3	791.2	793.4	794.1	792.9	788.1	782.0
52.5°	846.5	845.4	844.1	842.1	844.1	845.4	846.5	845.9	842.8	835.8	827.0
50°	920.4	921.6	921.5	919.9	921.5	921.6	920.4	916.5	908.7	896.3	881.3
47.5°	1035.3	1041.4	1045.5	1048.0	1045.5	1041.4	1035.3	1024.3	1007.0	983.7	955.9
45°	1207.6	1219.8	1228.4	1235.7	1228.4	1219.8	1207.6	1187.0	1154.9	1114.5	1070.0
42.5°	1473.3	1500.6	1513.6	1510.3	1513.6	1500.6	1473.3	1433.0	1375.8	1304.9	1235.3
40°	1916.4	1960.6	1985.0	2004.5	1985.0	1960.6	1916.4	1842.0	1730.4	1595.3	1488.5
37.5°	2694.8	2780.5	2825.7	2864.9	2825.7	2780.5	2694.8	2545.6	2326.9	2067.1	1897.8
35°	4043.2	4236.0	4339.3	4375.2	4339.3	4236.0	4043.2	3730.2	3311.2	2872.8	2563.8
32.5°	6206.2	6561.9	6758.6	6910.6	6758.6	6561.9	6206.2	5622.7	4872.9	4178.0	3598.6
30°	8883.2	9351.7	9612.0	9739.0	9612.0	9351.7	8883.2	8121.2	7158.9	6182.3	5130.5
27.5°	11627.4	12160.1	12440.6	12425.4	12440.6	12160.1	11627.4	10791.0	9781.9	8572.0	7210.8
25°	14345.0	14962.0	15241.5	15491.7	15241.5	14962.0	14345.0	13389.2	12274.2	11007.6	9543.8
22.5°	17093.7	17815.1	18208.7	18393.3	18208.7	17815.1	17093.7	16025.3	14818.4	13407.9	11846.5
20°	19809.6	20612.6	21030.5	21212.5	21030.5	20612.6	19809.6	18761.2	17400.9	15801.6	14082.4
17.5°	22218.3	23002.2	23400.5	23569.4	23400.5	23002.2	22218.3	21256.3	19835.0	18142.6	16192.1
15°	24141.7	24719.9	25058.6	25148.3	25058.6	24719.9	24141.7	23314.7	21978.6	20242.2	18214.3
12.5°	25471.2	25695.2	25858.0	25908.0	25858.0	25695.2	25471.2	24781.4	23741.3	22024.0	19960.2
10°	26150.9	26049.8	26008.0	26013.3	26008.0	26049.8	26150.9	25646.5	24760.1	23394.0	21477.9
7.5°	26104.1	25954.4	25653.9	25606.0	25653.9	25954.4	26104.1	25986.3	25369.2	24228.4	22461.6
5°	25729.0	25456.5	24957.7	24814.2	24957.7	25456.5	25729.0	25775.4	25465.6	24618.1	23091.1
2.5°	25291.9	24800.7	24341.1	24045.4	24341.1	24800.7	25291.9	25496.2	25442.9	24881.2	23585.6
0°	25162.1	24594.6	23999.6	23807.4	23999.6	24594.6	25162.1	25432.1	25441.2	24979.0	23789.1
-2.5°	25291.9	24800.7	24341.1	24045.4	24341.1	24800.7	25291.9	25496.2	25442.9	24881.2	23585.6
-5°	25729.0	25456.5	24957.7	24814.2	24957.7	25456.5	25729.0	25775.4	25465.6	24618.1	23091.1
-7.5°	26104.1	25954.4	25653.9	25606.0	25653.9	25954.4	26104.1	25986.3	25369.2	24228.4	22461.6
-10°	26150.9	26049.8	26008.0	26013.3	26008.0	26049.8	26150.9	25646.5	24760.1	23394.0	21477.9
-12.5°	25471.2	25695.2	25858.0	25908.0	25858.0	25695.2	25471.2	24781.4	23741.3	22024.0	19960.2
-15°	24141.7	24719.9	25058.6	25148.3	25058.6	24719.9	24141.7	23314.7	21978.6	20242.2	18214.3
-17.5°	22218.3	23002.2	23400.5	23569.4	23400.5	23002.2	22218.3	21256.3	19835.0	18142.6	16192.1
-20°	19809.6	20612.6	21030.5	21212.5	21030.5	20612.6	19809.6	18761.2	17400.9	15801.6	14082.4



REPORT NUMBER: P627267 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	17093.7	17815.1	18208.7	18393.3	18208.7	17815.1	17093.7	16025.3	14818.4	13407.9	11846.5
-25°	14345.0	14962.0	15241.5	15491.7	15241.5	14962.0	14345.0	13389.2	12274.2	11007.6	9543.8
-27.5°	11627.4	12160.1	12440.6	12425.4	12440.6	12160.1	11627.4	10791.0	9781.9	8572.0	7210.8
-30°	8883.2	9351.7	9612.0	9739.0	9612.0	9351.7	8883.2	8121.2	7158.9	6182.3	5130.5
-32.5°	6206.2	6561.9	6758.6	6910.6	6758.6	6561.9	6206.2	5622.7	4872.9	4178.0	3598.6
-35°	4043.2	4236.0	4339.3	4375.2	4339.3	4236.0	4043.2	3730.2	3311.2	2872.8	2563.8
-37.5°	2694.8	2780.5	2825.7	2864.9	2825.7	2780.5	2694.8	2545.6	2326.9	2067.1	1897.8
-40°	1916.4	1960.6	1985.0	2004.5	1985.0	1960.6	1916.4	1842.0	1730.4	1595.3	1488.5
-42.5°	1473.3	1500.6	1513.6	1510.3	1513.6	1500.6	1473.3	1433.0	1375.8	1304.9	1235.3
-45°	1207.6	1219.8	1228.4	1235.7	1228.4	1219.8	1207.6	1187.0	1154.9	1114.5	1070.0
-47.5°	1035.3	1041.4	1045.5	1048.0	1045.5	1041.4	1035.3	1024.3	1007.0	983.7	955.9
-50°	920.4	921.6	921.5	919.9	921.5	921.6	920.4	916.5	908.7	896.3	881.3
-52.5°	846.5	845.4	844.1	842.1	844.1	845.4	846.5	845.9	842.8	835.8	827.0
-55°	793.4	791.2	789.3	787.2	789.3	791.2	793.4	794.1	792.9	788.1	782.0
-57.5°	751.1	749.8	748.2	746.0	748.2	749.8	751.1	751.1	749.8	746.3	741.8
-60°	711.7	712.3	711.4	709.4	711.4	712.3	711.7	709.5	705.5	700.9	695.7
-62.5°	661.7	665.3	665.5	663.6	665.5	665.3	661.7	656.6	650.1	644.4	638.2
-65°	598.4	601.5	603.4	604.1	603.4	601.5	598.4	594.2	588.9	583.1	575.8
-67.5°	535.7	537.6	537.3	535.5	537.3	537.6	535.7	532.9	529.2	523.4	514.8
-70°	465.9	465.1	466.2	466.8	466.2	465.1	465.9	465.5	463.8	459.6	452.0
-72.5°	396.6	396.5	395.5	393.6	395.5	396.5	396.6	395.7	393.8	390.8	385.9
-75°	328.3	328.0	326.9	324.9	326.9	328.0	328.3	327.8	326.7	324.5	320.2
-77.5°	257.1	255.2	256.0	256.3	256.0	255.2	257.1	258.2	258.4	257.3	252.8
-80°	191.3	191.3	189.7	187.6	189.7	191.3	191.3	190.8	189.7	188.0	184.8
-82.5°	131.2	132.0	130.2	128.1	130.2	132.0	131.2	130.1	128.7	127.1	124.9
-85°	73.5	72.8	70.8	68.6	70.8	72.8	73.5	74.0	74.3	74.3	72.0
-87.5°	23.8	22.8	22.9	22.9	22.9	22.8	23.8	24.8	25.7	26.6	25.1
-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: P627267 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-730-U-MWR-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°	23.7	22.2	20.8	21.3	21.8	22.2	22.5	21.8	21.1	20.3	19.4
85°	69.4	66.6	63.8	63.0	62.0	60.9	59.6	57.0	54.2	51.3	48.3
82.5°	122.3	119.3	116.0	113.7	111.1	108.2	104.8	99.8	94.7	89.5	84.3
80°	181.2	177.1	172.7	168.9	164.6	160.0	154.5	146.7	138.5	130.4	122.9
77.5°	247.6	241.7	235.3	228.9	222.1	214.9	206.9	197.1	187.1	176.7	166.1
75°	314.9	308.6	301.2	292.6	283.3	273.2	262.4	250.5	238.0	225.0	211.8
72.5°	380.2	373.6	365.9	356.7	346.0	334.2	321.0	306.4	291.1	275.0	259.3
70°	443.9	435.3	427.8	419.9	409.8	397.6	382.0	364.5	346.0	327.5	309.2
67.5°	505.1	494.4	487.0	479.8	470.6	459.4	443.2	424.3	403.6	382.0	360.5
65°	566.2	554.2	546.7	540.1	531.4	520.2	503.1	483.9	462.1	438.0	413.0
62.5°	630.1	620.3	612.0	602.4	591.9	579.5	562.3	542.2	520.1	494.8	465.8
60°	689.7	682.4	669.6	657.6	647.0	633.9	613.5	594.2	576.2	547.1	515.9
57.5°	736.1	727.6	715.6	703.2	690.5	673.6	655.4	637.2	616.3	591.8	562.7
55°	774.6	765.2	754.0	741.9	728.1	709.3	690.5	671.0	650.9	630.4	602.1
52.5°	816.9	806.6	793.4	777.3	761.4	743.0	721.9	701.1	682.4	661.5	638.3
50°	867.1	854.7	839.6	822.5	801.2	778.2	756.1	731.9	712.2	691.8	668.1
47.5°	934.8	914.1	891.8	871.5	845.3	817.5	792.0	767.1	743.8	721.8	697.7
45°	1036.4	997.4	955.4	927.3	894.0	862.3	829.6	801.6	774.9	750.1	727.5
42.5°	1182.3	1120.2	1062.8	1007.0	953.6	914.8	874.0	839.1	806.9	777.5	750.9
40°	1393.0	1285.9	1206.9	1118.8	1047.1	978.7	926.6	879.2	841.8	806.9	774.6
37.5°	1711.2	1534.1	1402.7	1265.2	1165.4	1070.1	989.9	928.1	877.4	836.9	799.4
35°	2203.5	1927.2	1681.0	1486.4	1309.6	1184.2	1072.1	985.6	920.6	867.7	823.9
32.5°	2972.8	2534.6	2087.6	1799.9	1527.0	1322.2	1178.1	1059.0	967.0	904.0	851.4
30°	4169.4	3396.8	2739.2	2202.6	1828.3	1515.3	1296.0	1150.3	1032.7	940.7	879.2
27.5°	5906.2	4552.6	3632.6	2796.2	2192.3	1781.2	1466.8	1248.1	1101.8	992.1	911.1
25°	7933.6	6313.2	4737.8	3606.7	2717.5	2081.8	1666.3	1385.0	1187.3	1045.7	939.1
22.5°	10070.5	8170.3	6282.1	4520.7	3368.9	2521.4	1923.9	1523.1	1268.1	1102.7	979.8
20°	12190.6	10045.1	7893.9	5879.6	4162.1	2951.8	2204.1	1706.4	1380.9	1166.7	1018.4
17.5°	14139.0	11885.1	9528.2	7199.4	5139.0	3606.3	2559.3	1891.6	1479.3	1223.5	1051.9
15°	15984.3	13604.7	11118.5	8599.5	6183.1	4182.7	2862.0	2053.1	1581.7	1289.6	1095.7
12.5°	17655.4	15149.0	12532.8	9803.2	7110.1	4828.8	3265.7	2291.0	1707.4	1358.1	1137.0
10°	19114.1	16437.9	13650.5	10814.6	8006.1	5497.6	3647.3	2494.0	1816.3	1414.9	1170.7
7.5°	20161.7	17452.7	14538.5	11632.1	8734.9	6072.4	3971.8	2654.6	1901.8	1458.4	1196.7
5°	20932.0	18244.2	15278.8	12296.4	9275.9	6502.1	4214.0	2767.6	1962.9	1488.4	1214.8
2.5°	21460.3	18744.9	15774.2	12732.2	9589.9	6754.4	4368.4	2828.4	1991.8	1512.1	1224.7
0°	21610.6	18887.6	15899.1	12960.9	9638.3	6787.1	4430.1	2837.5	1990.8	1524.0	1226.5
-2.5°	21460.3	18744.9	15774.2	12732.2	9589.9	6754.4	4368.4	2828.4	1991.8	1512.1	1224.7
-5°	20932.0	18244.2	15278.8	12296.4	9275.9	6502.1	4214.0	2767.6	1962.9	1488.4	1214.8
-7.5°	20161.7	17452.7	14538.5	11632.1	8734.9	6072.4	3971.8	2654.6	1901.8	1458.4	1196.7
-10°	19114.1	16437.9	13650.5	10814.6	8006.1	5497.6	3647.3	2494.0	1816.3	1414.9	1170.7
-12.5°	17655.4	15149.0	12532.8	9803.2	7110.1	4828.8	3265.7	2291.0	1707.4	1358.1	1137.0
-15°	15984.3	13604.7	11118.5	8599.5	6183.1	4182.7	2862.0	2053.1	1581.7	1289.6	1095.7
-17.5°	14139.0	11885.1	9528.2	7199.4	5139.0	3606.3	2559.3	1891.6	1479.3	1223.5	1051.9
-20°	12190.6	10045.1	7893.9	5879.6	4162.1	2951.8	2204.1	1706.4	1380.9	1166.7	1018.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627267 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	10070.5	8170.3	6282.1	4520.7	3368.9	2521.4	1923.9	1523.1	1268.1	1102.7	979.8
-25°	7933.6	6313.2	4737.8	3606.7	2717.5	2081.8	1666.3	1385.0	1187.3	1045.7	939.1
-27.5°	5906.2	4552.6	3632.6	2796.2	2192.3	1781.2	1466.8	1248.1	1101.8	992.1	911.1
-30°	4169.4	3396.8	2739.2	2202.6	1828.3	1515.3	1296.0	1150.3	1032.7	940.7	879.2
-32.5°	2972.8	2534.6	2087.6	1799.9	1527.0	1322.2	1178.1	1059.0	967.0	904.0	851.4
-35°	2203.5	1927.2	1681.0	1486.4	1309.6	1184.2	1072.1	985.6	920.6	867.7	823.9
-37.5°	1711.2	1534.1	1402.7	1265.2	1165.4	1070.1	989.9	928.1	877.4	836.9	799.4
-40°	1393.0	1285.9	1206.9	1118.8	1047.1	978.7	926.6	879.2	841.8	806.9	774.6
-42.5°	1182.3	1120.2	1062.8	1007.0	953.6	914.8	874.0	839.1	806.9	777.5	750.9
-45°	1036.4	997.4	955.4	927.3	894.0	862.3	829.6	801.6	774.9	750.1	727.5
-47.5°	934.8	914.1	891.8	871.5	845.3	817.5	792.0	767.1	743.8	721.8	697.7
-50°	867.1	854.7	839.6	822.5	801.2	778.2	756.1	731.9	712.2	691.8	668.1
-52.5°	816.9	806.6	793.4	777.3	761.4	743.0	721.9	701.1	682.4	661.5	638.3
-55°	774.6	765.2	754.0	741.9	728.1	709.3	690.5	671.0	650.9	630.4	602.1
-57.5°	736.1	727.6	715.6	703.2	690.5	673.6	655.4	637.2	616.3	591.8	562.7
-60°	689.7	682.4	669.6	657.6	647.0	633.9	613.5	594.2	576.2	547.1	515.9
-62.5°	630.1	620.3	612.0	602.4	591.9	579.5	562.3	542.2	520.1	494.8	465.8
-65°	566.2	554.2	546.7	540.1	531.4	520.2	503.1	483.9	462.1	438.0	413.0
-67.5°	505.1	494.4	487.0	479.8	470.6	459.4	443.2	424.3	403.6	382.0	360.5
-70°	443.9	435.3	427.8	419.9	409.8	397.6	382.0	364.5	346.0	327.5	309.2
-72.5°	380.2	373.6	365.9	356.7	346.0	334.2	321.0	306.4	291.1	275.0	259.3
-75°	314.9	308.6	301.2	292.6	283.3	273.2	262.4	250.5	238.0	225.0	211.8
-77.5°	247.6	241.7	235.3	228.9	222.1	214.9	206.9	197.1	187.1	176.7	166.1
-80°	181.2	177.1	172.7	168.9	164.6	160.0	154.5	146.7	138.5	130.4	122.9
-82.5°	122.3	119.3	116.0	113.7	111.1	108.2	104.8	99.8	94.7	89.5	84.3
-85°	69.4	66.6	63.8	63.0	62.0	60.9	59.6	57.0	54.2	51.3	48.3
-87.5°	23.7	22.2	20.8	21.3	21.8	22.2	22.5	21.8	21.1	20.3	19.4
-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: P627267 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-U-MWR-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°	18.6	17.7	16.7	15.8	14.8	13.7	12.7	11.6	10.1	8.6	7.2
85°	45.1	41.8	38.4	34.8	31.1	27.5	25.4	23.2	20.1	17.2	14.4
82.5°	79.1	74.0	68.9	63.5	57.4	51.3	45.4	39.5	33.1	26.3	21.6
80°	115.9	108.7	101.3	93.4	84.4	75.0	66.7	58.7	50.8	42.5	33.7
77.5°	156.0	145.4	134.5	124.6	114.2	103.1	91.3	79.1	68.5	58.6	48.2
75°	198.7	185.9	172.8	159.3	145.4	131.2	117.8	103.7	89.5	75.1	62.6
72.5°	244.0	228.2	211.8	195.1	178.8	162.1	145.0	128.0	111.5	94.7	77.7
70°	290.6	271.3	252.2	233.2	213.4	192.9	173.4	153.3	133.2	114.1	94.7
67.5°	338.2	316.4	293.9	271.6	249.5	226.4	202.0	178.5	155.6	133.2	111.5
65°	388.2	362.4	336.0	310.7	285.4	260.1	233.4	204.2	177.6	152.5	128.0
62.5°	437.3	409.2	379.6	349.4	320.7	292.7	264.3	231.8	199.6	171.3	144.2
60°	485.0	453.5	421.6	388.2	355.6	324.2	292.6	258.6	223.6	189.6	160.1
57.5°	528.7	495.6	460.0	424.9	389.7	354.9	320.1	283.9	246.9	209.6	175.5
55°	569.7	533.6	496.5	458.5	421.6	384.6	346.8	308.3	269.2	229.4	190.6
52.5°	608.2	570.6	531.1	490.8	450.8	412.6	372.7	331.9	290.5	248.5	207.2
50°	641.9	606.5	564.7	522.1	478.9	438.5	397.9	354.7	311.0	266.9	223.4
47.5°	670.1	637.7	597.3	552.4	506.9	463.8	421.5	376.8	330.9	284.5	238.9
45°	697.8	666.5	627.4	581.7	534.7	489.1	444.2	398.1	349.9	301.5	253.7
42.5°	723.7	692.4	655.9	609.7	561.2	513.4	466.2	418.1	368.2	317.7	267.8
40°	745.8	715.1	682.8	636.7	586.2	536.3	487.2	437.4	385.7	333.1	281.2
37.5°	767.3	735.9	702.6	662.1	609.7	557.9	506.9	456.0	402.6	348.0	293.8
35°	788.1	755.7	720.3	681.8	631.5	578.0	525.2	473.3	418.3	362.2	305.5
32.5°	806.7	773.3	736.6	697.8	651.6	596.5	542.3	488.5	433.0	375.7	316.4
30°	828.9	788.2	751.4	713.4	668.7	613.5	558.0	502.7	446.5	388.4	326.7
27.5°	850.1	802.5	764.5	726.5	682.2	628.9	572.6	515.9	458.8	399.9	336.9
25°	870.5	818.8	776.7	737.4	695.1	643.6	585.9	527.9	469.7	410.0	346.2
22.5°	894.0	833.8	788.1	746.9	707.5	657.0	598.0	538.8	479.4	419.0	354.8
20°	915.0	846.1	798.7	755.8	716.8	667.0	608.8	548.5	488.0	427.0	362.6
17.5°	935.4	860.1	809.0	764.4	723.7	675.8	618.3	557.0	495.6	433.9	369.4
15°	963.9	876.1	817.9	771.7	729.6	683.4	626.4	564.3	502.1	439.8	375.6
12.5°	988.2	889.5	825.3	777.7	734.4	689.6	633.1	570.3	507.4	445.0	381.1
10°	1008.0	900.3	831.1	782.4	738.1	694.5	638.5	575.4	512.5	449.6	385.6
7.5°	1023.0	908.3	835.2	785.6	740.6	698.0	643.4	579.9	516.5	453.1	389.1
5°	1033.2	913.5	838.7	787.6	742.0	700.2	647.0	583.2	519.4	455.7	391.6
2.5°	1038.5	915.9	841.2	788.1	742.3	700.9	649.2	585.1	521.1	457.2	393.1
0°	1038.9	915.3	842.1	787.2	741.4	700.2	649.9	585.8	521.7	457.7	393.6
-2.5°	1038.5	915.9	841.2	788.1	742.3	700.9	649.2	585.1	521.1	457.2	393.1
-5°	1033.2	913.5	838.7	787.6	742.0	700.2	647.0	583.2	519.4	455.7	391.6
-7.5°	1023.0	908.3	835.2	785.6	740.6	698.0	643.4	579.9	516.5	453.1	389.1
-10°	1008.0	900.3	831.1	782.4	738.1	694.5	638.5	575.4	512.5	449.6	385.6
-12.5°	988.2	889.5	825.3	777.7	734.4	689.6	633.1	570.3	507.4	445.0	381.1
-15°	963.9	876.1	817.9	771.7	729.6	683.4	626.4	564.3	502.1	439.8	375.6
-17.5°	935.4	860.1	809.0	764.4	723.7	675.8	618.3	557.0	495.6	433.9	369.4
-20°	915.0	846.1	798.7	755.8	716.8	667.0	608.8	548.5	488.0	427.0	362.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627267 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	894.0	833.8	788.1	746.9	707.5	657.0	598.0	538.8	479.4	419.0	354.8
-25°	870.5	818.8	776.7	737.4	695.1	643.6	585.9	527.9	469.7	410.0	346.2
-27.5°	850.1	802.5	764.5	726.5	682.2	628.9	572.6	515.9	458.8	399.9	336.9
-30°	828.9	788.2	751.4	713.4	668.7	613.5	558.0	502.7	446.5	388.4	326.7
-32.5°	806.7	773.3	736.6	697.8	651.6	596.5	542.3	488.5	433.0	375.7	316.4
-35°	788.1	755.7	720.3	681.8	631.5	578.0	525.2	473.3	418.3	362.2	305.5
-37.5°	767.3	735.9	702.6	662.1	609.7	557.9	506.9	456.0	402.6	348.0	293.8
-40°	745.8	715.1	682.8	636.7	586.2	536.3	487.2	437.4	385.7	333.1	281.2
-42.5°	723.7	692.4	655.9	609.7	561.2	513.4	466.2	418.1	368.2	317.7	267.8
-45°	697.8	666.5	627.4	581.7	534.7	489.1	444.2	398.1	349.9	301.5	253.7
-47.5°	670.1	637.7	597.3	552.4	506.9	463.8	421.5	376.8	330.9	284.5	238.9
-50°	641.9	606.5	564.7	522.1	478.9	438.5	397.9	354.7	311.0	266.9	223.4
-52.5°	608.2	570.6	531.1	490.8	450.8	412.6	372.7	331.9	290.5	248.5	207.2
-55°	569.7	533.6	496.5	458.5	421.6	384.6	346.8	308.3	269.2	229.4	190.6
-57.5°	528.7	495.6	460.0	424.9	389.7	354.9	320.1	283.9	246.9	209.6	175.5
-60°	485.0	453.5	421.6	388.2	355.6	324.2	292.6	258.6	223.6	189.6	160.1
-62.5°	437.3	409.2	379.6	349.4	320.7	292.7	264.3	231.8	199.6	171.3	144.2
-65°	388.2	362.4	336.0	310.7	285.4	260.1	233.4	204.2	177.6	152.5	128.0
-67.5°	338.2	316.4	293.9	271.6	249.5	226.4	202.0	178.5	155.6	133.2	111.5
-70°	290.6	271.3	252.2	233.2	213.4	192.9	173.4	153.3	133.2	114.1	94.7
-72.5°	244.0	228.2	211.8	195.1	178.8	162.1	145.0	128.0	111.5	94.7	77.7
-75°	198.7	185.9	172.8	159.3	145.4	131.2	117.8	103.7	89.5	75.1	62.6
-77.5°	156.0	145.4	134.5	124.6	114.2	103.1	91.3	79.1	68.5	58.6	48.2
-80°	115.9	108.7	101.3	93.4	84.4	75.0	66.7	58.7	50.8	42.5	33.7
-82.5°	79.1	74.0	68.9	63.5	57.4	51.3	45.4	39.5	33.1	26.3	21.6
-85°	45.1	41.8	38.4	34.8	31.1	27.5	25.4	23.2	20.1	17.2	14.4
-87.5°	18.6	17.7	16.7	15.8	14.8	13.7	12.7	11.6	10.1	8.6	7.2
-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: P627267 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-U-MWR-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°	5.9	5.0	4.0	3.0	2.0	1.0	0.0
85°	11.8	9.9	7.9	6.0	4.0	2.0	0.0
82.5°	17.7	14.8	11.9	8.9	6.0	3.0	0.0
80°	24.4	19.7	15.8	11.9	7.9	4.0	0.0
77.5°	37.2	26.6	19.7	14.8	9.9	5.0	0.0
75°	49.9	37.2	24.4	17.7	11.8	5.9	0.0
72.5°	62.4	47.7	32.8	20.6	13.8	6.9	0.0
70°	75.1	58.0	41.1	24.1	15.6	7.8	0.0
67.5°	89.3	68.2	49.3	30.2	17.5	8.8	0.0
65°	103.3	78.9	57.3	36.2	19.3	9.7	0.0
62.5°	117.0	90.2	65.1	42.1	21.1	10.6	0.0
60°	130.3	101.1	72.8	47.9	22.9	11.4	0.0
57.5°	143.6	111.8	81.2	53.5	26.6	12.3	0.0
55°	156.7	122.1	89.4	59.0	30.1	13.1	0.0
52.5°	169.4	132.2	97.2	64.3	33.6	13.9	0.0
50°	181.9	142.6	104.8	69.4	36.9	14.7	0.0
47.5°	194.1	152.6	112.1	74.5	40.1	15.5	0.0
45°	206.8	162.4	119.1	79.7	43.1	16.2	0.0
42.5°	218.8	171.8	125.7	84.7	46.0	16.9	0.0
40°	230.3	180.8	132.4	89.3	48.8	17.5	0.0
37.5°	241.1	189.4	139.3	93.5	51.3	18.2	0.0
35°	251.2	197.7	145.7	97.6	53.7	18.8	0.0
32.5°	260.6	205.7	151.8	101.3	56.0	19.3	0.0
30°	269.3	213.0	157.6	104.8	58.0	19.8	0.0
27.5°	277.3	219.8	162.7	108.0	59.9	20.3	0.0
25°	284.6	225.9	167.3	110.9	61.6	20.8	0.0
22.5°	291.1	231.4	171.5	113.6	63.1	21.2	0.0
20°	296.9	236.1	175.2	115.9	64.5	21.5	0.0
17.5°	302.1	240.2	178.4	118.0	65.6	21.8	0.0
15°	306.8	243.6	181.2	119.7	66.6	22.1	0.0
12.5°	310.9	246.5	183.5	121.1	67.4	22.4	0.0
10°	314.2	248.8	185.3	122.3	68.0	22.6	0.0
7.5°	316.9	250.4	186.6	123.1	68.4	22.7	0.0
5°	318.8	251.5	187.4	123.6	68.7	22.8	0.0
2.5°	320.0	251.9	187.8	123.7	68.7	22.9	0.0
0°	320.4	251.7	187.6	123.6	68.6	22.9	0.0
-2.5°	320.0	251.9	187.8	123.7	68.7	22.9	0.0
-5°	318.8	251.5	187.4	123.6	68.7	22.8	0.0
-7.5°	316.9	250.4	186.6	123.1	68.4	22.7	0.0
-10°	314.2	248.8	185.3	122.3	68.0	22.6	0.0
-12.5°	310.9	246.5	183.5	121.1	67.4	22.4	0.0
-15°	306.8	243.6	181.2	119.7	66.6	22.1	0.0
-17.5°	302.1	240.2	178.4	118.0	65.6	21.8	0.0
-20°	296.9	236.1	175.2	115.9	64.5	21.5	0.0

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REPORT NUMBER: P627267 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	291.1	231.4	171.5	113.6	63.1	21.2	0.0
-25°	284.6	225.9	167.3	110.9	61.6	20.8	0.0
-27.5°	277.3	219.8	162.7	108.0	59.9	20.3	0.0
-30°	269.3	213.0	157.6	104.8	58.0	19.8	0.0
-32.5°	260.6	205.7	151.8	101.3	56.0	19.3	0.0
-35°	251.2	197.7	145.7	97.6	53.7	18.8	0.0
-37.5°	241.1	189.4	139.3	93.5	51.3	18.2	0.0
-40°	230.3	180.8	132.4	89.3	48.8	17.5	0.0
-42.5°	218.8	171.8	125.7	84.7	46.0	16.9	0.0
-45°	206.8	162.4	119.1	79.7	43.1	16.2	0.0
-47.5°	194.1	152.6	112.1	74.5	40.1	15.5	0.0
-50°	181.9	142.6	104.8	69.4	36.9	14.7	0.0
-52.5°	169.4	132.2	97.2	64.3	33.6	13.9	0.0
-55°	156.7	122.1	89.4	59.0	30.1	13.1	0.0
-57.5°	143.6	111.8	81.2	53.5	26.6	12.3	0.0
-60°	130.3	101.1	72.8	47.9	22.9	11.4	0.0
-62.5°	117.0	90.2	65.1	42.1	21.1	10.6	0.0
-65°	103.3	78.9	57.3	36.2	19.3	9.7	0.0
-67.5°	89.3	68.2	49.3	30.2	17.5	8.8	0.0
-70°	75.1	58.0	41.1	24.1	15.6	7.8	0.0
-72.5°	62.4	47.7	32.8	20.6	13.8	6.9	0.0
-75°	49.9	37.2	24.4	17.7	11.8	5.9	0.0
-77.5°	37.2	26.6	19.7	14.8	9.9	5.0	0.0
-80°	24.4	19.7	15.8	11.9	7.9	4.0	0.0
-82.5°	17.7	14.8	11.9	8.9	6.0	3.0	0.0
-85°	11.8	9.9	7.9	6.0	4.0	2.0	0.0
-87.5°	5.9	5.0	4.0	3.0	2.0	1.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)