

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: P627802 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-727-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627802 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6B-727-U-WR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

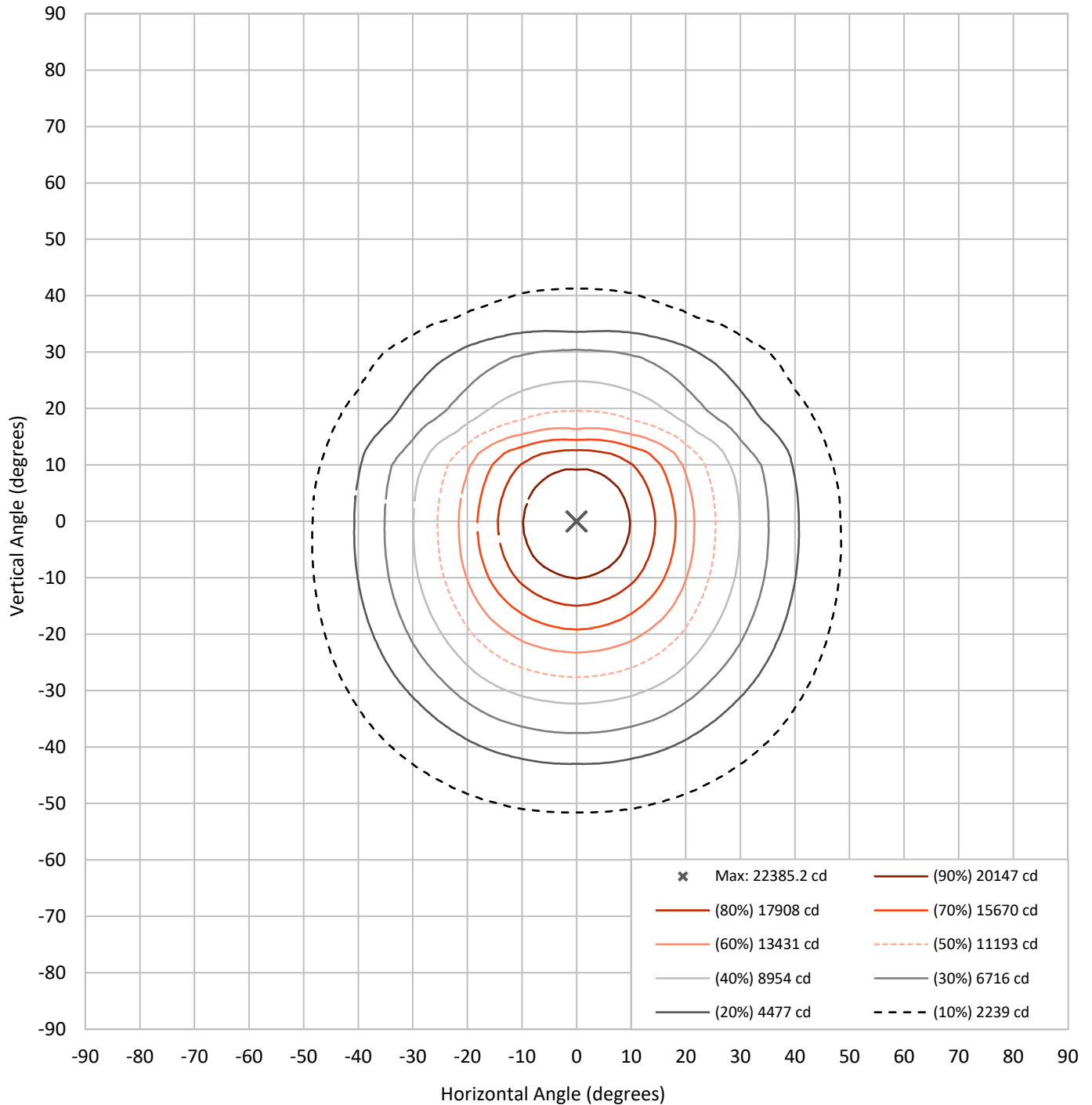
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	19748.5 lumens	Max Intensity:	22385.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	103.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	9508 lumens	Field Lumens:	17681.7 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	190.6		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



REPORT NUMBER: P627802 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6B-727-U-WR-VSR-XX

Iso-Candela Plot





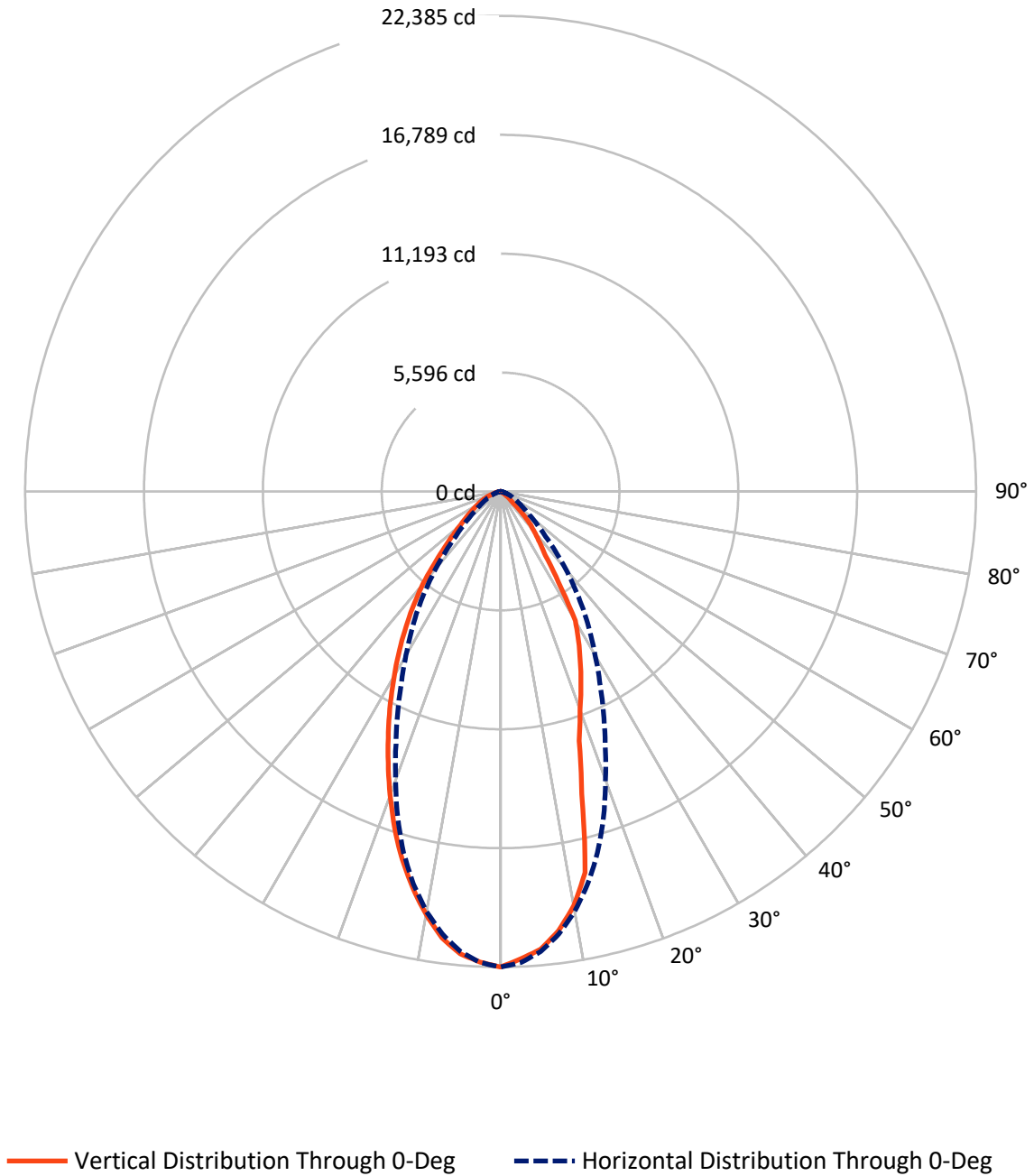
REPORT NUMBER: P627802 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-727-U-WR-VSR-XX

Lumen Table

90																			
80	0.0	0.1		0.1		0.0		0.0		0.0		0.1		0.1		0.0			
70																			
60	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1			
50		0.4	1.0	1.9	3.1	4.6	6.2	7.0	7.0	6.2	4.6	3.1	1.9	1.0	0.4				
40	0.8	1.5	3.8	8.0	14.7	24.1	34.8	42.7	42.7	34.8	24.1	14.7	8.0	3.8	1.5	0.8			
30		3.0	7.7	17.9	36.9	67.7	103.6	124.5	124.5	103.6	67.7	36.9	17.9	7.7	3.0				
20	2.2	4.7	12.5	32.4	76.7	144.0	219.2	264.2	264.2	219.2	144.0	76.7	32.4	12.5	4.7	2.2			
10		6.4	17.8	50.8	126.2	233.4	364.7	450.8	450.8	364.7	233.4	126.2	50.8	17.8	6.4				
0	3.1	7.4	22.4	65.8	165.7	308.9	495.9	628.8	628.8	495.9	308.9	165.7	65.8	22.4	7.4	3.1			
-10		7.8	23.3	67.9	168.1	313.3	501.0	632.7	632.7	501.0	313.3	168.1	67.9	23.3	7.8				
-20	3.3	7.7	22.1	60.5	149.0	275.1	424.1	523.3	523.3	424.1	275.1	149.0	60.5	22.1	7.7	3.3			
-30		7.1	19.1	47.3	111.1	207.4	309.1	370.7	370.7	309.1	207.4	111.1	47.3	19.1	7.1				
-40	2.8	6.2	15.5	34.2	70.0	128.7	194.2	231.1	231.1	194.2	128.7	70.0	34.2	15.5	6.2	2.8			
-50		5.1	12.0	23.6	42.0	67.4	96.6	115.0	115.0	96.6	67.4	42.0	23.6	12.0	5.1				
-60	1.8	4.0	8.7	15.7	25.7	36.9	47.8	54.0	54.0	47.8	36.9	25.7	15.7	8.7	4.0	1.8			
-70		2.8	5.8	9.7	14.9	20.3	24.8	27.1	27.1	24.8	20.3	14.9	9.7	5.8	2.8				
-80																			
-90	0.5	5.6		14.5		25.9		23.6		25.9		14.5		5.6		0.5			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

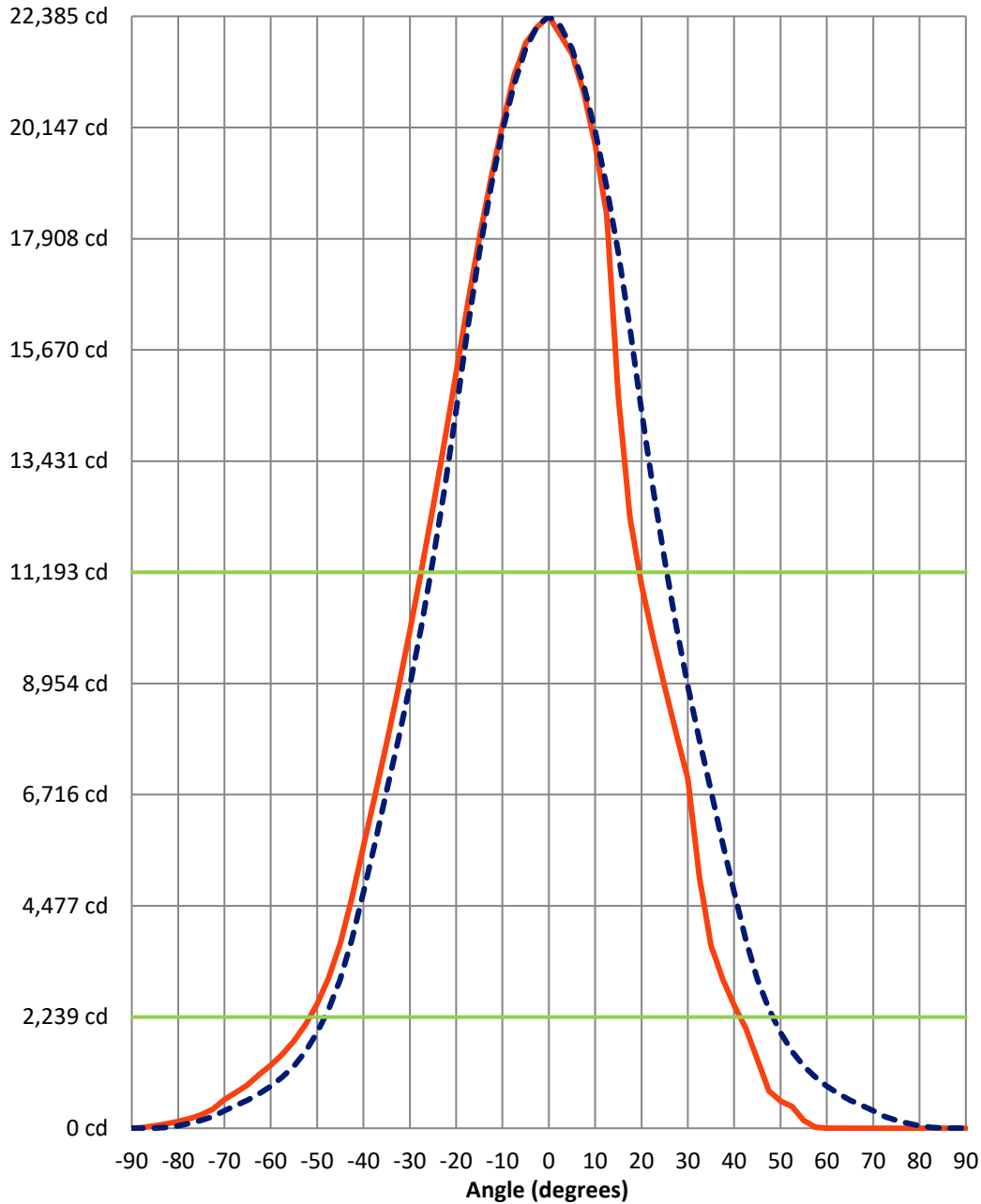
REPORT NUMBER: P627802 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6B-727-U-WR-VSR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627802 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-727-U-WR-VSR-XX

Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 9508
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 17681.7
 Efficiency: 89.5%

Spill:
 Lumens: 2066.9
 Efficiency: 10.5%

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

Classified

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

Scaled Data Report



REPORT NUMBER: P627802 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-U-WR-VSR-XX

FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.7
85°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	1.0	1.1	1.2	1.4
82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.6	1.6
80°	0.0	0.3	0.6	0.8	1.1	1.4	1.6	1.6	1.6	1.6	1.6
77.5°	0.0	0.3	0.7	1.0	1.4	1.6	1.6	1.6	1.6	1.6	1.6
75°	0.0	0.4	0.8	1.2	1.6	1.6	1.6	1.6	1.6	1.6	1.6
72.5°	0.0	0.5	1.0	1.4	1.6	1.6	1.6	1.6	1.6	1.6	1.6
70°	0.0	0.5	1.1	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7
67.5°	0.0	0.6	1.2	1.6	1.6	1.6	1.7	1.6	1.6	2.1	2.0
65°	0.0	0.7	1.4	1.6	1.6	1.8	1.9	1.6	2.3	2.6	3.1
62.5°	0.0	0.7	1.5	1.6	1.6	2.1	2.2	2.2	3.0	4.3	6.7
60°	0.0	0.8	1.6	1.6	1.6	2.6	2.5	3.0	3.9	10.6	11.5
57.5°	0.0	0.9	1.6	1.6	2.0	3.0	4.3	4.1	10.4	17.8	19.6
55°	0.0	0.9	1.6	1.6	2.5	3.5	6.6	6.1	19.1	26.9	30.4
52.5°	0.0	1.0	1.7	1.6	3.0	4.4	9.2	15.0	28.6	39.9	43.0
50°	0.0	1.0	1.7	1.6	3.6	7.2	12.2	24.9	39.9	54.3	65.7
47.5°	0.0	1.1	1.7	1.7	4.1	10.2	16.3	34.8	54.8	70.2	89.1
45°	0.0	1.1	1.8	2.1	4.7	13.3	24.9	44.8	69.7	90.9	112.3
42.5°	0.0	1.2	1.8	2.6	5.3	16.6	33.5	56.6	84.6	111.4	138.0
40°	0.0	1.2	1.9	3.2	7.0	20.1	42.1	69.5	100.1	131.5	164.8
37.5°	0.0	1.3	2.0	3.8	9.7	23.8	50.6	82.3	116.9	152.1	192.3
35°	0.0	1.3	2.0	4.6	12.5	29.6	59.1	94.8	133.8	176.6	222.1
32.5°	0.0	1.3	2.1	5.4	15.3	36.2	68.0	107.2	150.6	201.9	255.7
30°	0.0	1.4	2.2	6.3	18.1	42.7	78.0	119.8	167.5	227.6	289.5
27.5°	0.0	1.4	2.3	7.2	21.3	49.0	87.7	133.5	186.0	253.8	323.4
25°	0.0	1.5	2.3	8.1	24.6	55.1	97.0	147.0	207.4	281.7	357.3
22.5°	0.0	1.5	2.4	9.1	27.7	61.0	106.0	160.1	228.5	309.9	391.7
20°	0.0	1.5	2.5	10.1	30.7	66.8	114.5	172.8	249.3	337.4	424.5
17.5°	0.0	1.5	2.6	11.1	33.7	72.2	122.4	184.9	269.5	364.2	455.6
15°	0.0	1.5	2.7	12.1	36.5	77.2	129.7	195.7	289.0	390.0	484.9
12.5°	0.0	1.6	2.8	13.1	39.1	81.9	136.3	204.7	305.2	414.7	512.3
10°	0.0	1.6	2.9	14.1	41.6	86.2	142.4	212.8	318.2	429.3	533.8
7.5°	0.0	1.6	3.0	15.1	43.9	90.1	147.8	219.8	329.5	440.4	545.1
5°	0.0	1.6	3.0	16.0	46.0	93.6	152.5	225.9	339.3	449.2	554.2
2.5°	0.0	1.6	3.1	16.8	47.9	96.6	156.5	231.0	347.2	455.9	561.2
0°	0.0	1.6	3.2	17.6	49.6	99.1	159.9	235.0	353.4	460.5	566.0
-2.5°	0.0	1.7	3.7	18.7	51.9	102.2	164.3	241.8	360.3	467.2	573.5
-5°	0.0	1.8	4.2	19.7	53.9	104.9	167.9	247.4	365.3	471.9	578.8
-7.5°	0.0	1.9	4.6	20.7	55.6	107.0	170.7	251.9	368.5	474.9	582.0
-10°	0.0	2.0	5.1	21.5	56.9	108.6	172.7	255.1	369.9	476.1	583.0
-12.5°	0.0	2.1	5.5	22.2	58.0	109.6	174.0	256.9	369.4	475.4	580.3
-15°	0.0	2.1	5.9	22.7	58.7	110.1	174.3	257.3	366.7	471.2	574.6
-17.5°	0.0	2.2	6.2	23.2	59.0	110.1	173.8	256.8	362.0	465.6	566.8
-20°	0.0	2.3	6.6	23.5	58.9	109.4	173.3	255.6	356.1	458.6	556.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627802 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.3	6.9	23.6	58.4	108.2	173.4	253.3	349.1	450.2	544.8
-25°	0.0	2.4	7.1	23.6	57.5	107.8	172.6	249.9	341.1	440.6	530.6
-27.5°	0.0	2.4	7.3	23.4	56.2	107.4	171.0	245.5	332.2	429.5	517.5
-30°	0.0	2.4	7.5	23.1	54.6	106.2	168.4	240.0	324.3	417.1	503.4
-32.5°	0.0	2.4	7.6	22.6	53.9	104.4	165.0	235.5	316.6	404.0	488.3
-35°	0.0	2.4	7.7	21.9	52.8	101.9	161.8	230.6	307.8	390.6	472.3
-37.5°	0.0	2.4	7.8	21.1	51.2	99.2	158.1	224.6	298.1	376.7	453.5
-40°	0.0	2.4	7.7	20.1	49.2	96.8	153.6	217.7	287.3	363.8	433.3
-42.5°	0.0	2.4	7.7	19.2	47.7	93.7	148.2	209.8	277.3	347.1	411.9
-45°	0.0	2.3	7.5	18.5	46.8	90.1	141.8	201.5	267.0	329.2	389.6
-47.5°	0.0	2.3	7.4	17.5	45.4	85.8	134.7	193.0	255.6	310.6	368.9
-50°	0.0	2.2	7.1	17.1	43.5	81.0	128.4	183.5	240.5	293.7	347.7
-52.5°	0.0	2.1	6.9	16.9	41.1	75.5	121.7	173.0	225.6	276.0	326.1
-55°	0.0	2.0	6.5	16.5	38.2	71.1	114.2	161.7	210.2	257.6	305.8
-57.5°	0.0	1.9	6.2	15.8	34.9	66.3	105.9	151.7	194.0	239.1	284.7
-60°	0.0	1.8	5.8	14.9	31.3	60.8	97.1	139.6	177.4	219.9	263.0
-62.5°	0.0	1.7	5.4	13.9	29.2	54.7	88.6	126.1	160.9	199.9	240.6
-65°	0.0	1.6	5.0	12.6	26.7	48.0	79.3	112.1	143.4	178.8	217.3
-67.5°	0.0	1.5	4.6	11.2	23.8	42.0	69.2	98.0	124.9	156.5	191.5
-70°	0.0	1.3	4.2	9.7	20.7	36.8	58.3	83.3	107.4	133.1	163.8
-72.5°	0.0	1.2	3.7	8.6	17.4	31.3	49.6	68.2	89.4	112.0	135.8
-75°	0.0	1.0	3.2	7.5	13.8	25.3	40.7	55.6	71.0	90.3	110.8
-77.5°	0.0	0.9	2.7	6.3	11.4	19.1	31.4	43.7	56.4	69.7	85.2
-80°	0.0	0.7	2.2	5.1	9.3	14.6	21.7	31.6	41.9	52.8	64.2
-82.5°	0.0	0.5	1.7	3.9	7.0	11.0	16.0	21.1	27.3	35.7	44.4
-85°	0.0	0.3	1.1	2.6	4.7	7.4	10.7	14.1	18.0	22.3	26.9
-87.5°	0.0	0.2	0.6	1.3	2.4	3.7	5.4	7.1	9.0	11.2	13.5
-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: P627802 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-727-U-WR-VSR-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°	0.7	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.3
85°	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
77.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
75°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
72.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
70°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3
67.5°	1.6	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.2	0.8
65°	1.6	1.6	2.2	2.4	1.7	1.6	1.6	1.6	1.7	1.4	1.5
62.5°	2.3	2.9	3.6	5.6	4.2	1.6	3.1	3.6	2.5	2.0	2.2
60°	7.0	4.8	12.3	17.1	11.2	5.9	7.3	14.5	12.0	3.3	8.5
57.5°	14.1	17.4	31.0	32.5	25.0	16.9	37.0	41.0	34.0	21.4	30.8
55°	29.4	41.4	52.3	51.7	52.0	65.3	76.7	75.4	66.5	91.7	115.4
52.5°	55.7	68.1	75.3	82.0	100.7	113.1	116.7	123.7	149.8	181.0	186.6
50°	81.7	94.5	104.0	128.3	147.4	157.3	166.4	190.3	229.7	251.0	254.5
47.5°	108.1	122.3	147.4	174.0	192.5	207.4	223.2	277.4	321.3	339.6	346.2
45°	135.6	160.2	191.6	218.9	240.3	260.4	311.8	385.8	416.8	444.8	515.8
42.5°	164.1	201.2	236.5	265.2	289.3	331.3	402.8	474.6	518.9	578.3	664.2
40°	200.5	242.1	283.1	312.2	342.4	405.9	494.5	570.5	617.4	697.1	794.9
37.5°	237.5	286.1	330.3	361.1	403.4	489.4	593.6	684.5	742.7	807.6	964.8
35°	274.0	331.0	376.4	417.6	469.9	588.5	716.8	818.0	889.9	1001.1	1200.0
32.5°	313.0	376.7	423.1	479.2	565.2	697.8	855.4	967.7	1086.9	1246.9	1565.6
30°	354.5	419.5	472.9	540.2	655.6	810.3	993.2	1134.4	1296.2	1555.9	1899.5
27.5°	395.9	462.2	527.9	613.6	740.3	907.4	1098.4	1321.0	1530.1	1820.5	2196.1
25°	435.7	505.7	581.8	685.4	822.4	997.3	1205.8	1462.6	1735.5	2067.7	2508.7
22.5°	473.6	549.8	638.9	750.2	891.7	1082.7	1331.4	1633.0	1960.9	2305.0	2811.8
20°	510.9	599.1	701.3	825.9	955.5	1161.4	1454.2	1819.4	2230.3	2701.8	3198.3
17.5°	547.6	647.7	765.8	904.3	1061.2	1272.0	1580.1	2014.9	2515.0	3128.5	3740.0
15°	583.7	695.4	828.1	981.7	1167.9	1419.9	1769.7	2247.6	2851.8	3586.6	4310.9
12.5°	618.6	741.7	887.9	1057.3	1271.4	1559.1	1948.5	2464.1	3156.4	4034.2	4923.9
10°	652.1	786.1	944.7	1130.3	1370.5	1688.6	2106.5	2651.3	3386.2	4290.8	5280.4
7.5°	669.1	816.1	993.2	1199.7	1464.0	1807.5	2244.0	2809.5	3565.7	4497.2	5489.4
5°	681.3	829.9	1011.4	1227.4	1515.4	1888.3	2349.2	2938.9	3698.0	4652.4	5630.9
2.5°	690.7	839.8	1024.7	1243.0	1535.7	1915.3	2384.0	2984.0	3768.9	4733.5	5713.4
0°	697.1	845.8	1032.9	1252.0	1546.2	1928.3	2400.0	3002.8	3799.1	4752.1	5743.4
-2.5°	704.0	854.1	1041.5	1265.9	1560.9	1946.1	2417.7	3016.1	3821.7	4757.2	5759.6
-5°	707.9	858.5	1044.9	1272.6	1565.6	1949.4	2416.4	3003.5	3803.7	4719.9	5724.4
-7.5°	709.0	859.0	1043.0	1271.2	1559.5	1934.3	2390.9	2966.0	3741.6	4644.3	5637.9
-10°	707.3	855.3	1036.1	1259.7	1542.0	1902.9	2345.2	2901.0	3639.7	4519.6	5491.9
-12.5°	702.1	847.3	1023.8	1240.9	1513.7	1858.2	2280.8	2808.4	3498.2	4346.1	5286.0
-15°	693.8	835.3	1006.0	1214.8	1474.7	1800.8	2198.1	2688.2	3315.9	4125.7	5029.6
-17.5°	682.4	819.5	982.7	1181.6	1424.9	1731.0	2098.2	2547.5	3119.4	3879.7	4744.5
-20°	667.8	799.9	953.9	1141.2	1367.4	1657.5	2005.4	2422.9	2935.5	3598.0	4408.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627802 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	650.1	776.4	923.4	1102.6	1316.4	1581.1	1901.7	2281.6	2729.1	3272.3	4041.0
-25°	632.0	753.9	893.7	1059.6	1258.2	1494.6	1783.0	2129.2	2534.4	3031.6	3667.1
-27.5°	614.0	728.1	859.4	1010.0	1193.0	1405.4	1671.4	1987.0	2348.2	2770.9	3288.4
-30°	593.7	699.2	821.5	958.0	1130.4	1327.6	1557.5	1828.0	2149.2	2531.2	2981.0
-32.5°	571.6	668.2	784.9	912.9	1063.5	1243.0	1441.8	1686.4	1965.9	2281.0	2669.9
-35°	549.6	641.8	747.4	864.5	991.5	1159.6	1342.4	1545.3	1783.0	2062.1	2373.0
-37.5°	528.5	612.9	707.1	816.3	935.5	1075.1	1236.6	1419.8	1624.3	1846.4	2115.0
-40°	504.9	581.8	670.9	769.8	875.2	996.2	1141.8	1297.3	1473.4	1668.8	1876.2
-42.5°	479.3	553.2	634.5	719.7	816.5	924.5	1045.3	1187.5	1333.8	1497.5	1678.6
-45°	454.2	522.1	596.5	674.3	755.6	851.1	960.8	1079.1	1208.8	1342.4	1494.5
-47.5°	427.8	489.8	559.0	626.8	698.9	780.3	873.4	980.8	1089.0	1207.9	1325.8
-50°	401.3	459.5	517.7	580.9	645.6	713.3	791.9	884.6	983.1	1081.8	1185.6
-52.5°	377.6	427.9	480.5	534.8	593.7	654.0	719.5	795.8	882.0	968.9	1058.4
-55°	353.4	399.8	443.2	491.9	542.7	597.0	655.5	719.7	784.7	863.9	940.9
-57.5°	329.8	370.9	408.7	450.1	495.4	541.5	594.2	648.8	707.8	767.7	830.7
-60°	306.0	341.0	375.3	411.1	449.1	490.1	532.4	580.4	631.1	683.1	737.7
-62.5°	281.5	309.9	340.1	372.9	406.4	437.9	473.4	512.6	554.3	599.0	645.3
-65°	254.1	277.6	302.8	331.4	362.8	388.3	415.4	444.9	479.4	516.2	552.5
-67.5°	224.8	245.6	266.2	287.4	312.8	335.7	358.1	381.5	407.3	437.3	466.4
-70°	192.2	213.0	231.1	248.6	264.8	281.1	300.1	318.6	339.4	366.3	392.8
-72.5°	159.0	178.5	195.6	210.6	222.0	231.6	243.3	256.7	276.6	301.7	325.1
-75°	128.6	144.3	160.4	174.7	182.1	185.0	187.4	194.5	214.6	240.3	263.0
-77.5°	100.1	113.8	126.9	139.4	144.6	146.6	147.6	147.5	162.4	184.3	207.3
-80°	73.7	83.2	94.3	105.0	108.2	109.2	109.3	108.6	120.8	136.5	153.4
-82.5°	51.2	58.1	65.2	72.4	73.4	72.9	71.9	70.8	80.6	92.0	103.6
-85°	29.9	32.8	37.1	41.5	42.0	41.8	41.1	39.8	45.2	51.4	57.9
-87.5°	15.0	16.4	17.8	19.3	18.8	18.0	17.0	15.9	17.4	19.0	20.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627802 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-727-U-WR-VSR-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°	1.3	1.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.6	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.6	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.6	1.3	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.6	1.3	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.6	1.3	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.6	1.4	1.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.9	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.7	0.8	0.8	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.6	1.6	1.2	0.8	0.4	0.3	0.4	0.3	0.1	0.0	0.0
62.5°	2.1	2.0	1.4	1.4	1.5	1.6	1.3	1.1	1.1	1.1	1.3
60°	9.0	5.2	5.3	6.7	5.7	2.6	5.2	6.6	6.2	4.7	4.1
57.5°	45.9	38.4	26.9	45.0	46.3	32.3	35.0	45.7	44.3	34.3	34.1
55°	115.6	117.3	125.9	137.3	145.8	149.7	153.1	170.3	188.7	206.6	215.6
52.5°	191.0	213.3	241.1	259.5	272.4	298.7	335.6	352.5	369.0	387.6	401.2
50°	281.3	320.1	348.0	352.1	395.9	424.4	431.0	462.8	497.4	518.9	534.4
47.5°	418.5	467.6	491.9	507.4	560.7	619.2	619.3	637.6	724.1	769.4	791.3
45°	602.8	643.7	686.7	798.4	901.2	933.7	1003.5	1097.9	1159.4	1243.9	1336.8
42.5°	759.7	836.6	944.3	1067.3	1170.3	1256.0	1359.6	1473.2	1609.6	1737.9	1848.6
40°	915.0	1010.1	1143.6	1277.4	1407.0	1525.8	1692.8	1838.9	1999.8	2176.3	2323.4
37.5°	1117.6	1239.5	1377.4	1546.1	1747.9	1879.7	2109.4	2319.3	2500.7	2713.7	2845.0
35°	1428.9	1587.7	1709.7	2050.8	2296.3	2450.5	2722.5	3067.4	3199.8	3468.2	3595.5
32.5°	1820.2	2031.2	2352.5	2804.1	3131.9	3415.7	3822.3	4172.3	4470.6	4740.1	5020.5
30°	2259.9	2585.6	3059.0	3659.1	3992.1	4389.6	4939.4	5354.4	5822.3	6335.8	6515.7
27.5°	2658.9	3146.7	3696.4	4182.5	4660.7	5155.9	5696.1	6229.3	6735.6	7162.9	7449.6
25°	3028.7	3619.5	4153.7	4673.1	5191.3	5749.0	6360.0	6964.6	7521.8	7961.6	8295.9
22.5°	3410.2	4034.3	4605.8	5132.9	5735.6	6367.6	7017.3	7710.9	8345.0	8801.2	9165.4
20°	3768.8	4462.9	5114.8	5715.0	6284.7	7014.2	7762.5	8498.1	9188.7	9732.0	10151.9
17.5°	4338.1	4940.6	5737.4	6517.0	7158.8	7829.0	8828.9	9588.1	10354.4	11005.2	11450.3
15°	5037.2	5699.7	6522.5	7593.2	8472.6	9240.5	10273.4	11508.5	12412.4	13243.1	13813.0
12.5°	5736.9	6486.2	7376.1	8581.1	9833.2	10737.7	11990.8	13555.9	14608.7	15894.9	16529.0
10°	6273.1	7214.2	8130.6	9230.2	10432.7	11720.6	13071.5	14535.8	15942.5	17046.9	18034.2
7.5°	6489.0	7491.4	8552.3	9674.2	10876.6	12205.9	13645.7	15169.3	16617.0	17850.6	18935.6
5°	6650.4	7677.5	8745.4	9892.5	11177.9	12566.0	14027.3	15626.9	17105.4	18427.5	19537.5
2.5°	6753.0	7789.7	8853.0	10019.2	11371.2	12800.5	14308.7	15950.7	17451.4	18812.5	19918.9
0°	6792.3	7814.0	8902.9	10103.7	11442.0	12874.7	14448.0	16109.3	17621.9	18937.9	20076.3
-2.5°	6797.7	7791.4	8906.2	10101.1	11381.6	12827.7	14420.1	16067.5	17549.4	18860.0	20008.6
-5°	6744.3	7737.6	8853.4	10030.3	11312.6	12747.7	14271.7	15863.7	17277.0	18552.6	19658.5
-7.5°	6636.1	7626.7	8717.8	9867.7	11115.5	12507.6	13971.3	15451.3	16837.8	18061.2	19116.5
-10°	6475.6	7445.4	8498.7	9619.1	10799.7	12123.8	13519.5	14933.7	16233.9	17365.2	18341.1
-12.5°	6258.3	7205.7	8211.5	9281.1	10380.1	11642.5	12960.4	14288.4	15473.4	16506.2	17381.9
-15°	5976.0	6901.3	7875.3	8886.8	9952.5	11094.1	12276.8	13494.9	14587.9	15503.8	16303.7
-17.5°	5643.5	6540.9	7465.9	8403.6	9414.8	10485.8	11583.7	12677.1	13609.3	14423.0	15154.5
-20°	5272.8	6137.4	7016.1	7890.2	8807.6	9798.2	10812.2	11772.6	12587.2	13326.6	13996.0



REPORT NUMBER: P627802 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4857.2	5684.7	6526.9	7345.0	8172.3	9069.2	9974.8	10843.3	11605.3	12237.8	12819.5
-25°	4412.2	5176.9	5972.1	6739.2	7500.7	8304.4	9126.9	9926.1	10596.7	11145.8	11626.4
-27.5°	3963.9	4662.6	5363.3	6085.4	6789.2	7531.0	8275.6	8965.9	9567.9	10073.5	10477.4
-30°	3492.6	4117.3	4757.2	5410.6	6082.6	6761.3	7434.2	8038.6	8564.1	9008.8	9357.9
-32.5°	3101.0	3575.6	4140.4	4733.6	5363.6	5982.0	6567.3	7118.1	7613.4	8001.7	8297.7
-35°	2725.6	3127.5	3550.6	4075.5	4616.8	5185.9	5724.3	6215.9	6657.4	6996.7	7275.1
-37.5°	2402.9	2720.8	3078.5	3453.3	3907.1	4377.6	4863.5	5325.9	5719.6	6015.5	6264.2
-40°	2123.6	2374.6	2660.4	2957.6	3291.4	3629.4	4052.5	4442.7	4764.1	5040.7	5266.1
-42.5°	1871.1	2082.9	2294.0	2537.7	2789.6	3061.3	3358.2	3646.8	3893.4	4125.0	4316.4
-45°	1653.1	1822.3	1990.6	2178.8	2363.7	2584.7	2796.8	2986.1	3185.9	3359.3	3495.7
-47.5°	1462.5	1594.4	1738.7	1879.6	2028.1	2194.5	2352.3	2496.4	2642.7	2769.5	2871.2
-50°	1293.1	1402.5	1520.2	1630.9	1751.0	1872.7	1989.5	2104.0	2215.2	2311.7	2386.7
-52.5°	1144.9	1240.4	1332.1	1420.3	1515.8	1605.9	1690.5	1785.0	1871.9	1947.9	1999.3
-55°	1018.6	1096.6	1171.8	1245.4	1317.6	1385.9	1453.3	1526.7	1593.8	1654.2	1692.5
-57.5°	900.1	966.5	1030.1	1090.2	1147.6	1201.9	1258.6	1315.0	1366.8	1412.3	1441.9
-60°	792.2	846.4	901.5	950.6	996.8	1040.2	1088.0	1133.1	1174.9	1210.0	1230.4
-62.5°	693.4	742.0	782.7	821.5	860.8	899.9	933.8	967.2	999.4	1026.5	1044.4
-65°	590.1	631.3	665.9	697.1	725.2	755.5	784.5	810.6	833.9	851.5	862.8
-67.5°	497.7	528.0	555.7	580.5	605.6	629.9	652.1	672.0	689.5	701.8	709.9
-70°	417.4	440.6	463.2	485.8	508.2	527.1	543.2	558.0	571.5	577.1	579.6
-72.5°	346.9	367.4	387.3	407.2	425.8	440.6	452.5	463.3	473.1	464.7	449.9
-75°	282.8	300.9	319.6	337.1	353.5	364.8	373.6	381.7	389.1	370.8	345.7
-77.5°	230.5	246.4	260.2	273.9	287.4	294.6	300.2	305.7	311.0	290.5	264.8
-80°	171.0	183.8	195.5	207.0	218.3	222.6	225.1	226.8	227.7	210.2	190.0
-82.5°	115.5	122.2	128.6	135.3	142.2	145.8	148.5	150.6	152.1	139.7	125.7
-85°	64.7	66.7	68.3	69.6	70.7	73.0	75.1	77.1	78.9	73.1	66.6
-87.5°	22.3	22.3	22.2	22.0	21.8	21.8	21.8	21.7	21.6	20.7	19.7
-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: P627802 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-727-U-WR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3
62.5°	1.4	1.5	1.6	1.6	1.6	1.5	1.4	1.3	1.1	1.1	1.1
60°	3.2	2.0	1.6	1.6	1.6	2.0	3.2	4.1	4.7	6.2	6.6
57.5°	31.8	27.8	24.9	22.4	24.9	27.8	31.8	34.1	34.3	44.3	45.7
55°	211.8	197.2	179.3	158.3	179.3	197.2	211.8	215.6	206.6	188.7	170.3
52.5°	415.4	429.2	437.2	436.5	437.2	429.2	415.4	401.2	387.6	369.0	352.5
50°	546.8	554.3	554.6	548.4	554.6	554.3	546.8	534.4	518.9	497.4	462.8
47.5°	801.1	790.6	772.6	753.1	772.6	790.6	801.1	791.3	769.4	724.1	637.6
45°	1397.9	1431.6	1429.4	1386.3	1429.4	1431.6	1397.9	1336.8	1243.9	1159.4	1097.9
42.5°	1910.4	1960.8	1996.6	2014.7	1996.6	1960.8	1910.4	1848.6	1737.9	1609.6	1473.2
40°	2406.2	2454.9	2476.4	2475.2	2476.4	2454.9	2406.2	2323.4	2176.3	1999.8	1838.9
37.5°	2930.2	2993.2	3023.8	3009.2	3023.8	2993.2	2930.2	2845.0	2713.7	2500.7	2319.3
35°	3650.7	3709.6	3710.7	3680.8	3710.7	3709.6	3650.7	3595.5	3468.2	3199.8	3067.4
32.5°	5243.2	5262.9	5111.3	5057.4	5111.3	5262.9	5243.2	5020.5	4740.1	4470.6	4172.3
30°	6694.7	6834.7	6964.8	7030.5	6964.8	6834.7	6694.7	6515.7	6335.8	5822.3	5354.4
27.5°	7665.8	7834.2	7938.5	7945.1	7938.5	7834.2	7665.8	7449.6	7162.9	6735.6	6229.3
25°	8549.1	8737.4	8851.1	8890.1	8851.1	8737.4	8549.1	8295.9	7961.6	7521.8	6964.6
22.5°	9474.5	9696.3	9843.3	9873.5	9843.3	9696.3	9474.5	9165.4	8801.2	8345.0	7710.9
20°	10548.1	10806.4	10947.3	10941.6	10947.3	10806.4	10548.1	10151.9	9732.0	9188.7	8498.1
17.5°	11961.5	12238.6	12360.3	12307.0	12360.3	12238.6	11961.5	11450.3	11005.2	10354.4	9588.1
15°	14398.0	14977.4	14975.1	14743.8	14975.1	14977.4	14398.0	13813.0	13243.1	12412.4	11508.5
12.5°	17403.4	17835.2	18278.2	18373.4	18278.2	17835.2	17403.4	16529.0	15894.9	14608.7	13555.9
10°	18865.7	19439.2	19817.7	19807.7	19817.7	19439.2	18865.7	18034.2	17046.9	15942.5	14535.8
7.5°	19780.6	20414.2	20872.9	20863.0	20872.9	20414.2	19780.6	18935.6	17850.6	16617.0	15169.3
5°	20486.7	21189.3	21595.6	21625.7	21595.6	21189.3	20486.7	19537.5	18427.5	17105.4	15626.9
2.5°	20853.5	21586.9	22075.3	22011.0	22075.3	21586.9	20853.5	19918.9	18812.5	17451.4	15950.7
0°	21006.9	21732.8	22188.5	22385.2	22188.5	21732.8	21006.9	20076.3	18937.9	17621.9	16109.3
-2.5°	20939.9	21646.3	22149.9	22169.3	22149.9	21646.3	20939.9	20008.6	18860.0	17549.4	16067.5
-5°	20581.1	21326.5	21663.9	21843.1	21663.9	21326.5	20581.1	19658.5	18552.6	17277.0	15863.7
-7.5°	20002.5	20561.1	20989.7	21187.6	20989.7	20561.1	20002.5	19116.5	18061.2	16837.8	15451.3
-10°	19102.0	19680.3	20042.4	20205.8	20042.4	19680.3	19102.0	18341.1	17365.2	16233.9	14933.7
-12.5°	18104.4	18630.0	18974.3	19112.1	18974.3	18630.0	18104.4	17381.9	16506.2	15473.4	14288.4
-15°	16991.4	17468.6	17785.5	17917.7	17785.5	17468.6	16991.4	16303.7	15503.8	14587.9	13494.9
-17.5°	15766.2	16184.3	16500.2	16595.4	16500.2	16184.3	15766.2	15154.5	14423.0	13609.3	12677.1
-20°	14506.4	14884.4	15144.5	15201.1	15144.5	14884.4	14506.4	13996.0	13326.6	12587.2	11772.6



REPORT NUMBER: P627802 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	13237.0	13548.4	13759.6	13830.8	13759.6	13548.4	13237.0	12819.5	12237.8	11605.3	10843.3
-25°	11996.4	12265.2	12435.2	12498.9	12435.2	12265.2	11996.4	11626.4	11145.8	10596.7	9926.1
-27.5°	10803.3	11053.8	11210.0	11231.0	11210.0	11053.8	10803.3	10477.4	10073.5	9567.9	8965.9
-30°	9629.4	9836.3	9956.7	10007.8	9956.7	9836.3	9629.4	9357.9	9008.8	8564.1	8038.6
-32.5°	8532.2	8713.0	8821.2	8850.1	8821.2	8713.0	8532.2	8297.7	8001.7	7613.4	7118.1
-35°	7496.5	7663.5	7759.4	7751.7	7759.4	7663.5	7496.5	7275.1	6996.7	6657.4	6215.9
-37.5°	6469.8	6623.9	6710.9	6702.8	6710.9	6623.9	6469.8	6264.2	6015.5	5719.6	5325.9
-40°	5451.3	5584.2	5660.8	5679.4	5660.8	5584.2	5451.3	5266.1	5040.7	4764.1	4442.7
-42.5°	4475.5	4598.2	4659.5	4635.3	4659.5	4598.2	4475.5	4316.4	4125.0	3893.4	3646.8
-45°	3591.1	3654.6	3696.3	3722.3	3696.3	3654.6	3591.1	3495.7	3359.3	3185.9	2986.1
-47.5°	2945.7	2998.2	3026.7	3031.6	3026.7	2998.2	2945.7	2871.2	2769.5	2642.7	2496.4
-50°	2445.1	2489.8	2509.6	2503.9	2509.6	2489.8	2445.1	2386.7	2311.7	2215.2	2104.0
-52.5°	2036.3	2062.2	2079.7	2088.2	2079.7	2062.2	2036.3	1999.3	1947.9	1871.9	1785.0
-55°	1721.2	1741.4	1753.2	1757.2	1753.2	1741.4	1721.2	1692.5	1654.2	1593.8	1526.7
-57.5°	1466.5	1485.7	1492.7	1490.2	1492.7	1485.7	1466.5	1441.9	1412.3	1366.8	1315.0
-60°	1246.2	1257.1	1265.4	1269.6	1265.4	1257.1	1246.2	1230.4	1210.0	1174.9	1133.1
-62.5°	1058.6	1068.9	1077.5	1082.5	1077.5	1068.9	1058.6	1044.4	1026.5	999.4	967.2
-65°	870.7	875.3	876.6	874.6	876.6	875.3	870.7	862.8	851.5	833.9	810.6
-67.5°	715.9	719.7	722.3	722.7	722.3	719.7	715.9	709.9	701.8	689.5	672.0
-70°	582.0	583.6	581.7	577.2	581.7	583.6	582.0	579.6	577.1	571.5	558.0
-72.5°	434.8	418.8	402.9	385.3	402.9	418.8	434.8	449.9	464.7	473.1	463.3
-75°	319.6	292.7	282.9	273.4	282.9	292.7	319.6	345.7	370.8	389.1	381.7
-77.5°	237.8	209.7	202.2	195.1	202.2	209.7	237.8	264.8	290.5	311.0	305.7
-80°	168.9	147.0	142.2	137.5	142.2	147.0	168.9	190.0	210.2	227.7	226.8
-82.5°	111.0	95.7	92.6	89.5	92.6	95.7	111.0	125.7	139.7	152.1	150.6
-85°	59.7	52.6	51.1	49.6	51.1	52.6	59.7	66.6	73.1	78.9	77.1
-87.5°	18.6	17.5	17.6	17.6	17.6	17.5	18.6	19.7	20.7	21.6	21.7
-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: P627802 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-727-U-WR-VSR-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°	0.0	0.0	0.0	0.4	0.7	1.0	1.3	1.3	1.2	1.2	1.1
85°	0.0	0.0	0.0	0.4	0.8	1.2	1.6	1.6	1.6	1.6	1.6
82.5°	0.0	0.0	0.0	0.4	0.8	1.2	1.6	1.6	1.6	1.6	1.6
80°	0.0	0.0	0.1	0.5	0.9	1.3	1.6	1.6	1.6	1.6	1.6
77.5°	0.0	0.0	0.1	0.5	0.9	1.3	1.6	1.6	1.6	1.6	1.6
75°	0.0	0.0	0.1	0.5	0.9	1.3	1.6	1.6	1.6	1.6	1.6
72.5°	0.0	0.0	0.1	0.5	1.0	1.4	1.6	1.6	1.6	1.6	1.6
70°	0.0	0.0	0.0	0.0	0.1	0.4	0.9	1.3	1.6	1.6	1.6
67.5°	0.0	0.0	0.3	0.7	0.8	0.8	0.7	0.8	1.2	1.6	1.6
65°	0.4	0.3	0.4	0.8	1.2	1.6	1.6	1.5	1.4	1.7	1.6
62.5°	1.3	1.6	1.5	1.4	1.4	2.0	2.1	2.2	2.0	2.5	3.6
60°	5.2	2.6	5.7	6.7	5.3	5.2	9.0	8.5	3.3	12.0	14.5
57.5°	35.0	32.3	46.3	45.0	26.9	38.4	45.9	30.8	21.4	34.0	41.0
55°	153.1	149.7	145.8	137.3	125.9	117.3	115.6	115.4	91.7	66.5	75.4
52.5°	335.6	298.7	272.4	259.5	241.1	213.3	191.0	186.6	181.0	149.8	123.7
50°	431.0	424.4	395.9	352.1	348.0	320.1	281.3	254.5	251.0	229.7	190.3
47.5°	619.3	619.2	560.7	507.4	491.9	467.6	418.5	346.2	339.6	321.3	277.4
45°	1003.5	933.7	901.2	798.4	686.7	643.7	602.8	515.8	444.8	416.8	385.8
42.5°	1359.6	1256.0	1170.3	1067.3	944.3	836.6	759.7	664.2	578.3	518.9	474.6
40°	1692.8	1525.8	1407.0	1277.4	1143.6	1010.1	915.0	794.9	697.1	617.4	570.5
37.5°	2109.4	1879.7	1747.9	1546.1	1377.4	1239.5	1117.6	964.8	807.6	742.7	684.5
35°	2722.5	2450.5	2296.3	2050.8	1709.7	1587.7	1428.9	1200.0	1001.1	889.9	818.0
32.5°	3822.3	3415.7	3131.9	2804.1	2352.5	2031.2	1820.2	1565.6	1246.9	1086.9	967.7
30°	4939.4	4389.6	3992.1	3659.1	3059.0	2585.6	2259.9	1899.5	1555.9	1296.2	1134.4
27.5°	5696.1	5155.9	4660.7	4182.5	3696.4	3146.7	2658.9	2196.1	1820.5	1530.1	1321.0
25°	6360.0	5749.0	5191.3	4673.1	4153.7	3619.5	3028.7	2508.7	2067.7	1735.5	1462.6
22.5°	7017.3	6367.6	5735.6	5132.9	4605.8	4034.3	3410.2	2811.8	2305.0	1960.9	1633.0
20°	7762.5	7014.2	6284.7	5715.0	5114.8	4462.9	3768.8	3198.3	2701.8	2230.3	1819.4
17.5°	8828.9	7829.0	7158.8	6517.0	5737.4	4940.6	4338.1	3740.0	3128.5	2515.0	2014.9
15°	10273.4	9240.5	8472.6	7593.2	6522.5	5699.7	5037.2	4310.9	3586.6	2851.8	2247.6
12.5°	11990.8	10737.7	9833.2	8581.1	7376.1	6486.2	5736.9	4923.9	4034.2	3156.4	2464.1
10°	13071.5	11720.6	10432.7	9230.2	8130.6	7214.2	6273.1	5280.4	4290.8	3386.2	2651.3
7.5°	13645.7	12205.9	10876.6	9674.2	8552.3	7491.4	6489.0	5489.4	4497.2	3565.7	2809.5
5°	14027.3	12566.0	11177.9	9892.5	8745.4	7677.5	6650.4	5630.9	4652.4	3698.0	2938.9
2.5°	14308.7	12800.5	11371.2	10019.2	8853.0	7789.7	6753.0	5713.4	4733.5	3768.9	2984.0
0°	14448.0	12874.7	11442.0	10103.7	8902.9	7814.0	6792.3	5743.4	4752.1	3799.1	3002.8
-2.5°	14420.1	12827.7	11381.6	10101.1	8906.2	7791.4	6797.7	5759.6	4757.2	3821.7	3016.1
-5°	14271.7	12747.7	11312.6	10030.3	8853.4	7737.6	6744.3	5724.4	4719.9	3803.7	3003.5
-7.5°	13971.3	12507.6	11115.5	9867.7	8717.8	7626.7	6636.1	5637.9	4644.3	3741.6	2966.0
-10°	13519.5	12123.8	10799.7	9619.1	8498.7	7445.4	6475.6	5491.9	4519.6	3639.7	2901.0
-12.5°	12960.4	11642.5	10380.1	9281.1	8211.5	7205.7	6258.3	5286.0	4346.1	3498.2	2808.4
-15°	12276.8	11094.1	9952.5	8886.8	7875.3	6901.3	5976.0	5029.6	4125.7	3315.9	2688.2
-17.5°	11583.7	10485.8	9414.8	8403.6	7465.9	6540.9	5643.5	4744.5	3879.7	3119.4	2547.5
-20°	10812.2	9798.2	8807.6	7890.2	7016.1	6137.4	5272.8	4408.2	3598.0	2935.5	2422.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627802 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	9974.8	9069.2	8172.3	7345.0	6526.9	5684.7	4857.2	4041.0	3272.3	2729.1	2281.6
-25°	9126.9	8304.4	7500.7	6739.2	5972.1	5176.9	4412.2	3667.1	3031.6	2534.4	2129.2
-27.5°	8275.6	7531.0	6789.2	6085.4	5363.3	4662.6	3963.9	3288.4	2770.9	2348.2	1987.0
-30°	7434.2	6761.3	6082.6	5410.6	4757.2	4117.3	3492.6	2981.0	2531.2	2149.2	1828.0
-32.5°	6567.3	5982.0	5363.6	4733.6	4140.4	3575.6	3101.0	2669.9	2281.0	1965.9	1686.4
-35°	5724.3	5185.9	4616.8	4075.5	3550.6	3127.5	2725.6	2373.0	2062.1	1783.0	1545.3
-37.5°	4863.5	4377.6	3907.1	3453.3	3078.5	2720.8	2402.9	2115.0	1846.4	1624.3	1419.8
-40°	4052.5	3629.4	3291.4	2957.6	2660.4	2374.6	2123.6	1876.2	1668.8	1473.4	1297.3
-42.5°	3358.2	3061.3	2789.6	2537.7	2294.0	2082.9	1871.1	1678.6	1497.5	1333.8	1187.5
-45°	2796.8	2584.7	2363.7	2178.8	1990.6	1822.3	1653.1	1494.5	1342.4	1208.8	1079.1
-47.5°	2352.3	2194.5	2028.1	1879.6	1738.7	1594.4	1462.5	1325.8	1207.9	1089.0	980.8
-50°	1989.5	1872.7	1751.0	1630.9	1520.2	1402.5	1293.1	1185.6	1081.8	983.1	884.6
-52.5°	1690.5	1605.9	1515.8	1420.3	1332.1	1240.4	1144.9	1058.4	968.9	882.0	795.8
-55°	1453.3	1385.9	1317.6	1245.4	1171.8	1096.6	1018.6	940.9	863.9	784.7	719.7
-57.5°	1258.6	1201.9	1147.6	1090.2	1030.1	966.5	900.1	830.7	767.7	707.8	648.8
-60°	1088.0	1040.2	996.8	950.6	901.5	846.4	792.2	737.7	683.1	631.1	580.4
-62.5°	933.8	899.9	860.8	821.5	782.7	742.0	693.4	645.3	599.0	554.3	512.6
-65°	784.5	755.5	725.2	697.1	665.9	631.3	590.1	552.5	516.2	479.4	444.9
-67.5°	652.1	629.9	605.6	580.5	555.7	528.0	497.7	466.4	437.3	407.3	381.5
-70°	543.2	527.1	508.2	485.8	463.2	440.6	417.4	392.8	366.3	339.4	318.6
-72.5°	452.5	440.6	425.8	407.2	387.3	367.4	346.9	325.1	301.7	276.6	256.7
-75°	373.6	364.8	353.5	337.1	319.6	300.9	282.8	263.0	240.3	214.6	194.5
-77.5°	300.2	294.6	287.4	273.9	260.2	246.4	230.5	207.3	184.3	162.4	147.5
-80°	225.1	222.6	218.3	207.0	195.5	183.8	171.0	153.4	136.5	120.8	108.6
-82.5°	148.5	145.8	142.2	135.3	128.6	122.2	115.5	103.6	92.0	80.6	70.8
-85°	75.1	73.0	70.7	69.6	68.3	66.7	64.7	57.9	51.4	45.2	39.8
-87.5°	21.8	21.8	21.8	22.0	22.2	22.3	22.3	20.6	19.0	17.4	15.9
-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: P627802 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-727-U-WR-VSR-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°	1.1	1.0	1.0	0.9	0.9	0.8	0.7	0.7	0.6	0.5	0.5
85°	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.4	1.2	1.1	1.0
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.4
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
77.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
75°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
72.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
70°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.6	1.6
67.5°	1.6	1.6	1.6	1.7	1.6	1.6	1.6	2.0	2.1	1.6	1.6
65°	1.6	1.6	1.7	2.4	2.2	1.6	1.6	3.1	2.6	2.3	1.6
62.5°	3.1	1.6	4.2	5.6	3.6	2.9	2.3	6.7	4.3	3.0	2.2
60°	7.3	5.9	11.2	17.1	12.3	4.8	7.0	11.5	10.6	3.9	3.0
57.5°	37.0	16.9	25.0	32.5	31.0	17.4	14.1	19.6	17.8	10.4	4.1
55°	76.7	65.3	52.0	51.7	52.3	41.4	29.4	30.4	26.9	19.1	6.1
52.5°	116.7	113.1	100.7	82.0	75.3	68.1	55.7	43.0	39.9	28.6	15.0
50°	166.4	157.3	147.4	128.3	104.0	94.5	81.7	65.7	54.3	39.9	24.9
47.5°	223.2	207.4	192.5	174.0	147.4	122.3	108.1	89.1	70.2	54.8	34.8
45°	311.8	260.4	240.3	218.9	191.6	160.2	135.6	112.3	90.9	69.7	44.8
42.5°	402.8	331.3	289.3	265.2	236.5	201.2	164.1	138.0	111.4	84.6	56.6
40°	494.5	405.9	342.4	312.2	283.1	242.1	200.5	164.8	131.5	100.1	69.5
37.5°	593.6	489.4	403.4	361.1	330.3	286.1	237.5	192.3	152.1	116.9	82.3
35°	716.8	588.5	469.9	417.6	376.4	331.0	274.0	222.1	176.6	133.8	94.8
32.5°	855.4	697.8	565.2	479.2	423.1	376.7	313.0	255.7	201.9	150.6	107.2
30°	993.2	810.3	655.6	540.2	472.9	419.5	354.5	289.5	227.6	167.5	119.8
27.5°	1098.4	907.4	740.3	613.6	527.9	462.2	395.9	323.4	253.8	186.0	133.5
25°	1205.8	997.3	822.4	685.4	581.8	505.7	435.7	357.3	281.7	207.4	147.0
22.5°	1331.4	1082.7	891.7	750.2	638.9	549.8	473.6	391.7	309.9	228.5	160.1
20°	1454.2	1161.4	955.5	825.9	701.3	599.1	510.9	424.5	337.4	249.3	172.8
17.5°	1580.1	1272.0	1061.2	904.3	765.8	647.7	547.6	455.6	364.2	269.5	184.9
15°	1769.7	1419.9	1167.9	981.7	828.1	695.4	583.7	484.9	390.0	289.0	195.7
12.5°	1948.5	1559.1	1271.4	1057.3	887.9	741.7	618.6	512.3	414.7	305.2	204.7
10°	2106.5	1688.6	1370.5	1130.3	944.7	786.1	652.1	533.8	429.3	318.2	212.8
7.5°	2244.0	1807.5	1464.0	1199.7	993.2	816.1	669.1	545.1	440.4	329.5	219.8
5°	2349.2	1888.3	1515.4	1227.4	1011.4	829.9	681.3	554.2	449.2	339.3	225.9
2.5°	2384.0	1915.3	1535.7	1243.0	1024.7	839.8	690.7	561.2	455.9	347.2	231.0
0°	2400.0	1928.3	1546.2	1252.0	1032.9	845.8	697.1	566.0	460.5	353.4	235.0
-2.5°	2417.7	1946.1	1560.9	1265.9	1041.5	854.1	704.0	573.5	467.2	360.3	241.8
-5°	2416.4	1949.4	1565.6	1272.6	1044.9	858.5	707.9	578.8	471.9	365.3	247.4
-7.5°	2390.9	1934.3	1559.5	1271.2	1043.0	859.0	709.0	582.0	474.9	368.5	251.9
-10°	2345.2	1902.9	1542.0	1259.7	1036.1	855.3	707.3	583.0	476.1	369.9	255.1
-12.5°	2280.8	1858.2	1513.7	1240.9	1023.8	847.3	702.1	580.3	475.4	369.4	256.9
-15°	2198.1	1800.8	1474.7	1214.8	1006.0	835.3	693.8	574.6	471.2	366.7	257.3
-17.5°	2098.2	1731.0	1424.9	1181.6	982.7	819.5	682.4	566.8	465.6	362.0	256.8
-20°	2005.4	1657.5	1367.4	1141.2	953.9	799.9	667.8	556.9	458.6	356.1	255.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627802 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1901.7	1581.1	1316.4	1102.6	923.4	776.4	650.1	544.8	450.2	349.1	253.3
-25°	1783.0	1494.6	1258.2	1059.6	893.7	753.9	632.0	530.6	440.6	341.1	249.9
-27.5°	1671.4	1405.4	1193.0	1010.0	859.4	728.1	614.0	517.5	429.5	332.2	245.5
-30°	1557.5	1327.6	1130.4	958.0	821.5	699.2	593.7	503.4	417.1	324.3	240.0
-32.5°	1441.8	1243.0	1063.5	912.9	784.9	668.2	571.6	488.3	404.0	316.6	235.5
-35°	1342.4	1159.6	991.5	864.5	747.4	641.8	549.6	472.3	390.6	307.8	230.6
-37.5°	1236.6	1075.1	935.5	816.3	707.1	612.9	528.5	453.5	376.7	298.1	224.6
-40°	1141.8	996.2	875.2	769.8	670.9	581.8	504.9	433.3	363.8	287.3	217.7
-42.5°	1045.3	924.5	816.5	719.7	634.5	553.2	479.3	411.9	347.1	277.3	209.8
-45°	960.8	851.1	755.6	674.3	596.5	522.1	454.2	389.6	329.2	267.0	201.5
-47.5°	873.4	780.3	698.9	626.8	559.0	489.8	427.8	368.9	310.6	255.6	193.0
-50°	791.9	713.3	645.6	580.9	517.7	459.5	401.3	347.7	293.7	240.5	183.5
-52.5°	719.5	654.0	593.7	534.8	480.5	427.9	377.6	326.1	276.0	225.6	173.0
-55°	655.5	597.0	542.7	491.9	443.2	399.8	353.4	305.8	257.6	210.2	161.7
-57.5°	594.2	541.5	495.4	450.1	408.7	370.9	329.8	284.7	239.1	194.0	151.7
-60°	532.4	490.1	449.1	411.1	375.3	341.0	306.0	263.0	219.9	177.4	139.6
-62.5°	473.4	437.9	406.4	372.9	340.1	309.9	281.5	240.6	199.9	160.9	126.1
-65°	415.4	388.3	362.8	331.4	302.8	277.6	254.1	217.3	178.8	143.4	112.1
-67.5°	358.1	335.7	312.8	287.4	266.2	245.6	224.8	191.5	156.5	124.9	98.0
-70°	300.1	281.1	264.8	248.6	231.1	213.0	192.2	163.8	133.1	107.4	83.3
-72.5°	243.3	231.6	222.0	210.6	195.6	178.5	159.0	135.8	112.0	89.4	68.2
-75°	187.4	185.0	182.1	174.7	160.4	144.3	128.6	110.8	90.3	71.0	55.6
-77.5°	147.6	146.6	144.6	139.4	126.9	113.8	100.1	85.2	69.7	56.4	43.7
-80°	109.3	109.2	108.2	105.0	94.3	83.2	73.7	64.2	52.8	41.9	31.6
-82.5°	71.9	72.9	73.4	72.4	65.2	58.1	51.2	44.4	35.7	27.3	21.1
-85°	41.1	41.8	42.0	41.5	37.1	32.8	29.9	26.9	22.3	18.0	14.1
-87.5°	17.0	18.0	18.8	19.3	17.8	16.4	15.0	13.5	11.2	9.0	7.1
-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: P627802 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-U-WR-VSR-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°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
85°	0.8	0.7	0.6	0.4	0.3	0.1	0.0
82.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
80°	1.6	1.4	1.1	0.8	0.6	0.3	0.0
77.5°	1.6	1.6	1.4	1.0	0.7	0.3	0.0
75°	1.6	1.6	1.6	1.2	0.8	0.4	0.0
72.5°	1.6	1.6	1.6	1.4	1.0	0.5	0.0
70°	1.6	1.6	1.6	1.6	1.1	0.5	0.0
67.5°	1.7	1.6	1.6	1.6	1.2	0.6	0.0
65°	1.9	1.8	1.6	1.6	1.4	0.7	0.0
62.5°	2.2	2.1	1.6	1.6	1.5	0.7	0.0
60°	2.5	2.6	1.6	1.6	1.6	0.8	0.0
57.5°	4.3	3.0	2.0	1.6	1.6	0.9	0.0
55°	6.6	3.5	2.5	1.6	1.6	0.9	0.0
52.5°	9.2	4.4	3.0	1.6	1.7	1.0	0.0
50°	12.2	7.2	3.6	1.6	1.7	1.0	0.0
47.5°	16.3	10.2	4.1	1.7	1.7	1.1	0.0
45°	24.9	13.3	4.7	2.1	1.8	1.1	0.0
42.5°	33.5	16.6	5.3	2.6	1.8	1.2	0.0
40°	42.1	20.1	7.0	3.2	1.9	1.2	0.0
37.5°	50.6	23.8	9.7	3.8	2.0	1.3	0.0
35°	59.1	29.6	12.5	4.6	2.0	1.3	0.0
32.5°	68.0	36.2	15.3	5.4	2.1	1.3	0.0
30°	78.0	42.7	18.1	6.3	2.2	1.4	0.0
27.5°	87.7	49.0	21.3	7.2	2.3	1.4	0.0
25°	97.0	55.1	24.6	8.1	2.3	1.5	0.0
22.5°	106.0	61.0	27.7	9.1	2.4	1.5	0.0
20°	114.5	66.8	30.7	10.1	2.5	1.5	0.0
17.5°	122.4	72.2	33.7	11.1	2.6	1.5	0.0
15°	129.7	77.2	36.5	12.1	2.7	1.5	0.0
12.5°	136.3	81.9	39.1	13.1	2.8	1.6	0.0
10°	142.4	86.2	41.6	14.1	2.9	1.6	0.0
7.5°	147.8	90.1	43.9	15.1	3.0	1.6	0.0
5°	152.5	93.6	46.0	16.0	3.0	1.6	0.0
2.5°	156.5	96.6	47.9	16.8	3.1	1.6	0.0
0°	159.9	99.1	49.6	17.6	3.2	1.6	0.0
-2.5°	164.3	102.2	51.9	18.7	3.7	1.7	0.0
-5°	167.9	104.9	53.9	19.7	4.2	1.8	0.0
-7.5°	170.7	107.0	55.6	20.7	4.6	1.9	0.0
-10°	172.7	108.6	56.9	21.5	5.1	2.0	0.0
-12.5°	174.0	109.6	58.0	22.2	5.5	2.1	0.0
-15°	174.3	110.1	58.7	22.7	5.9	2.1	0.0
-17.5°	173.8	110.1	59.0	23.2	6.2	2.2	0.0
-20°	173.3	109.4	58.9	23.5	6.6	2.3	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627802 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	173.4	108.2	58.4	23.6	6.9	2.3	0.0
-25°	172.6	107.8	57.5	23.6	7.1	2.4	0.0
-27.5°	171.0	107.4	56.2	23.4	7.3	2.4	0.0
-30°	168.4	106.2	54.6	23.1	7.5	2.4	0.0
-32.5°	165.0	104.4	53.9	22.6	7.6	2.4	0.0
-35°	161.8	101.9	52.8	21.9	7.7	2.4	0.0
-37.5°	158.1	99.2	51.2	21.1	7.8	2.4	0.0
-40°	153.6	96.8	49.2	20.1	7.7	2.4	0.0
-42.5°	148.2	93.7	47.7	19.2	7.7	2.4	0.0
-45°	141.8	90.1	46.8	18.5	7.5	2.3	0.0
-47.5°	134.7	85.8	45.4	17.5	7.4	2.3	0.0
-50°	128.4	81.0	43.5	17.1	7.1	2.2	0.0
-52.5°	121.7	75.5	41.1	16.9	6.9	2.1	0.0
-55°	114.2	71.1	38.2	16.5	6.5	2.0	0.0
-57.5°	105.9	66.3	34.9	15.8	6.2	1.9	0.0
-60°	97.1	60.8	31.3	14.9	5.8	1.8	0.0
-62.5°	88.6	54.7	29.2	13.9	5.4	1.7	0.0
-65°	79.3	48.0	26.7	12.6	5.0	1.6	0.0
-67.5°	69.2	42.0	23.8	11.2	4.6	1.5	0.0
-70°	58.3	36.8	20.7	9.7	4.2	1.3	0.0
-72.5°	49.6	31.3	17.4	8.6	3.7	1.2	0.0
-75°	40.7	25.3	13.8	7.5	3.2	1.0	0.0
-77.5°	31.4	19.1	11.4	6.3	2.7	0.9	0.0
-80°	21.7	14.6	9.3	5.1	2.2	0.7	0.0
-82.5°	16.0	11.0	7.0	3.9	1.7	0.5	0.0
-85°	10.7	7.4	4.7	2.6	1.1	0.3	0.0
-87.5°	5.4	3.7	2.4	1.3	0.6	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)