

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: P627192 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-722-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627192 (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-SA3D-722-U-WR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (48) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

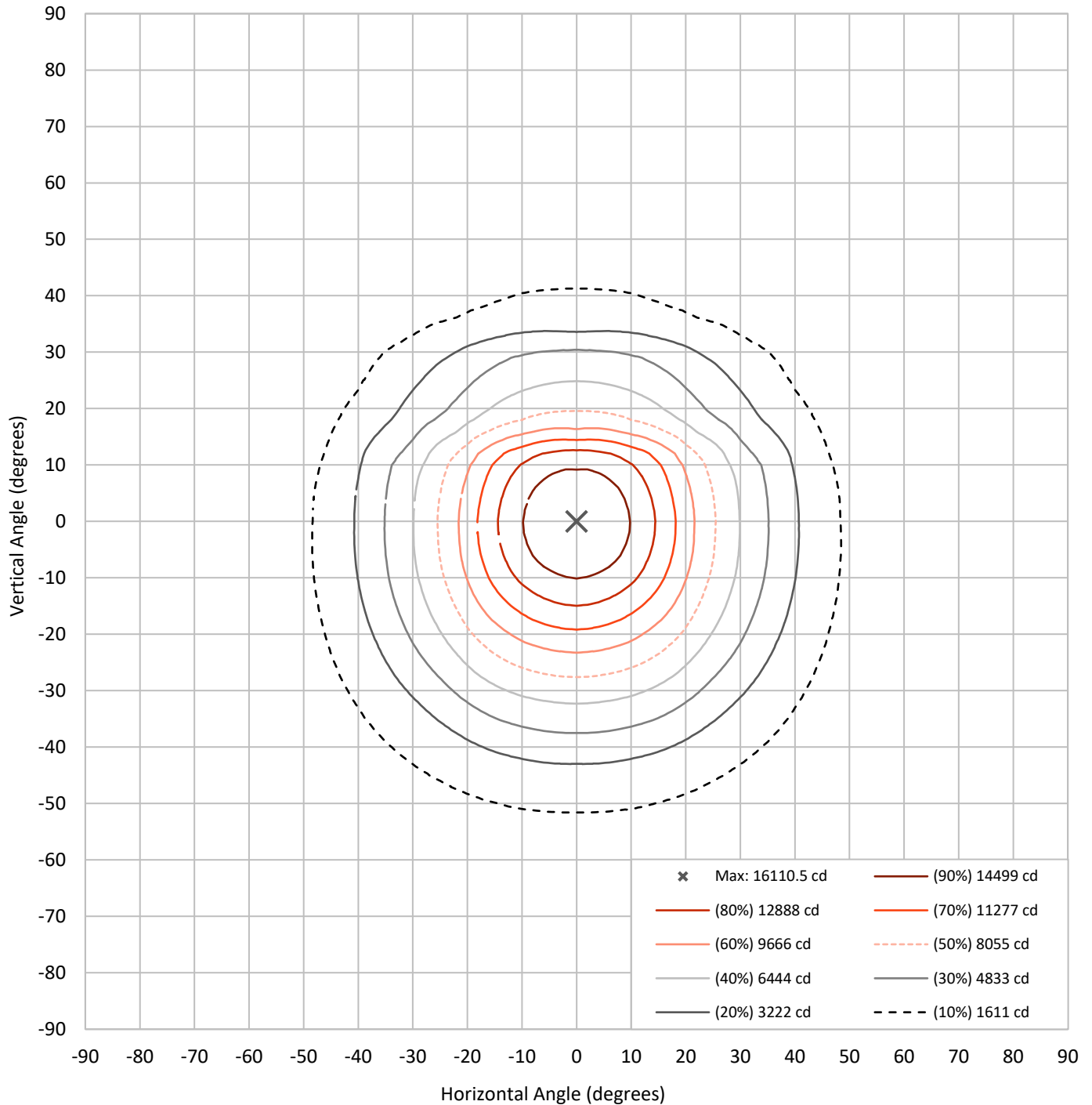
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	14213 lumens	Max Intensity:	16110.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	88.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' 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:	6842.9 lumens	Field Lumens:	12725.4 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	160.2		
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		



REPORT NUMBER: P627192 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-722-U-WR-VSR-XX

Iso-Candela Plot





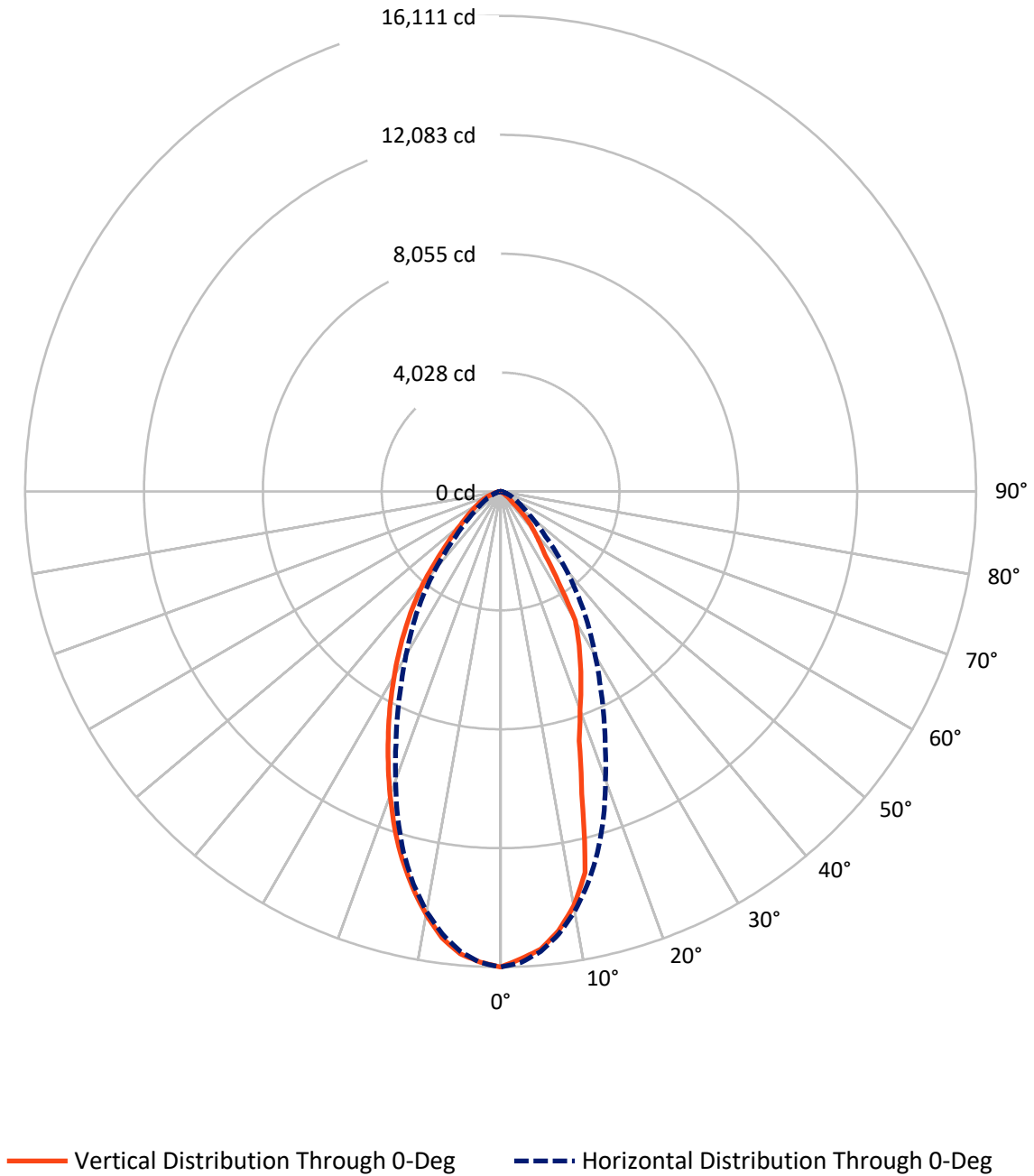
REPORT NUMBER: P627192 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-722-U-WR-VSR-XX

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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1			
50		0.3	0.7	1.3	2.2	3.3	4.5	5.0	5.0	4.5	3.3	2.2	1.3	0.7	0.3				
40	0.6	1.1	2.8	5.8	10.6	17.4	25.0	30.7	30.7	25.0	17.4	10.6	5.8	2.8	1.1	0.6			
30		2.2	5.5	12.9	26.5	48.8	74.6	89.6	89.6	74.6	48.8	26.5	12.9	5.5	2.2				
20	1.6	3.4	9.0	23.3	55.2	103.7	157.8	190.1	190.1	157.8	103.7	55.2	23.3	9.0	3.4	1.6			
10		4.6	12.8	36.6	90.8	168.0	262.5	324.5	324.5	262.5	168.0	90.8	36.6	12.8	4.6				
0	2.2	5.4	16.1	47.3	119.3	222.3	356.9	452.5	452.5	356.9	222.3	119.3	47.3	16.1	5.4	2.2			
-10		5.6	16.8	48.8	121.0	225.5	360.5	455.4	455.4	360.5	225.5	121.0	48.8	16.8	5.6				
-20	2.4	5.5	15.9	43.5	107.2	198.0	305.2	376.6	376.6	305.2	198.0	107.2	43.5	15.9	5.5	2.4			
-30		5.1	13.8	34.1	80.0	149.3	222.5	266.8	266.8	222.5	149.3	80.0	34.1	13.8	5.1				
-40	2.0	4.4	11.1	24.6	50.3	92.6	139.7	166.3	166.3	139.7	92.6	50.3	24.6	11.1	4.4	2.0			
-50		3.7	8.6	17.0	30.2	48.5	69.5	82.8	82.8	69.5	48.5	30.2	17.0	8.6	3.7				
-60	1.3	2.9	6.3	11.3	18.5	26.6	34.4	38.9	38.9	34.4	26.6	18.5	11.3	6.3	2.9	1.3			
-70		2.0	4.2	7.0	10.7	14.6	17.9	19.5	19.5	17.9	14.6	10.7	7.0	4.2	2.0				
-80																			
-90	0.3	4.0		10.4		18.7		17.0		18.7		10.4		4.0		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

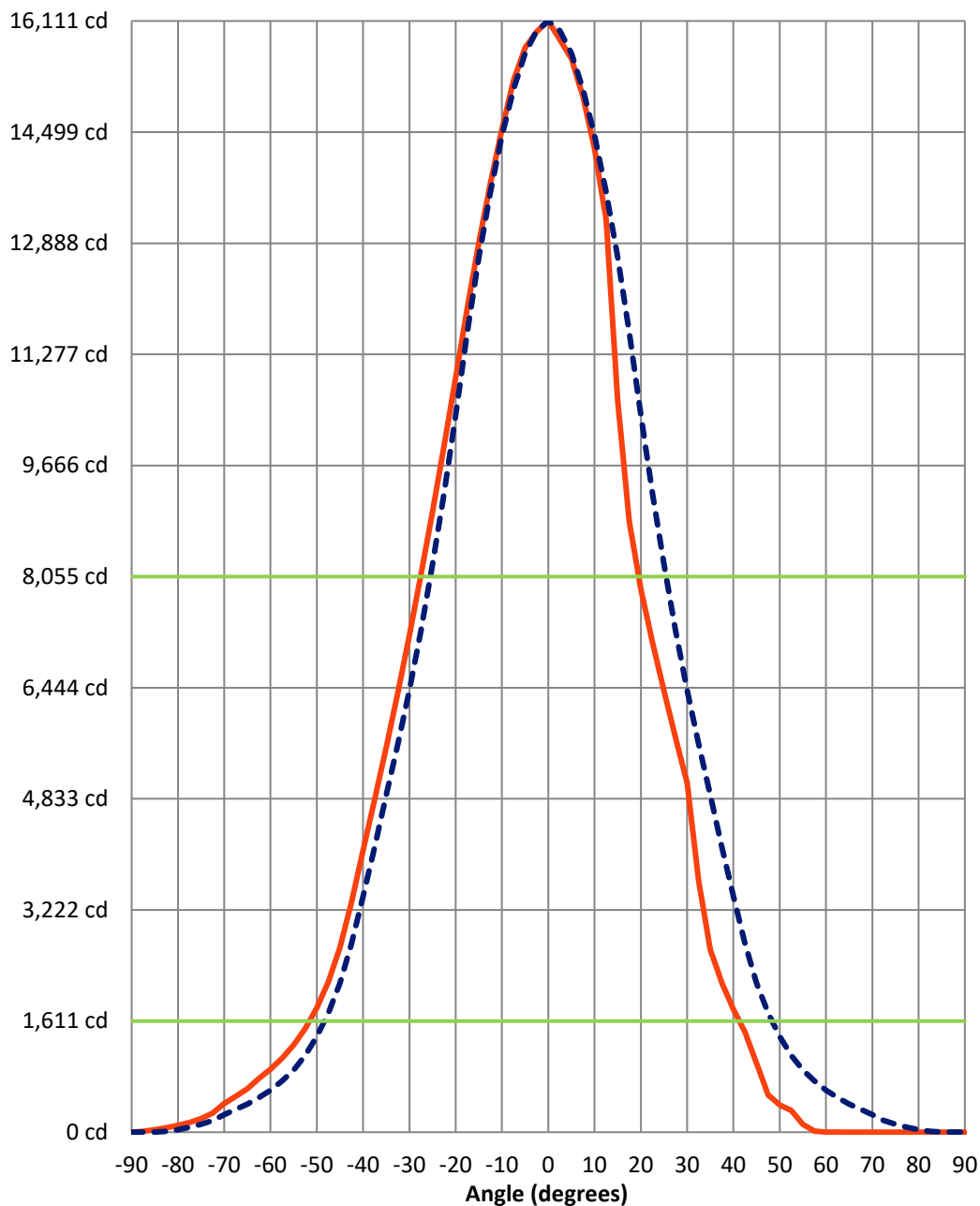
REPORT NUMBER: P627192 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-722-U-WR-VSR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627192 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-722-U-WR-VSR-XX

Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 6842.9
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 12725.4
 Efficiency: 89.5%

Spill:
 Lumens: 1487.5
 Efficiency: 10.5%

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



REPORT NUMBER: P627192 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-722-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	0.2	0.3	0.3	0.4	0.4	0.5	0.5
85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
82.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.2	1.2
80°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.2	1.2	1.2	1.2
77.5°	0.0	0.3	0.5	0.8	1.0	1.2	1.2	1.2	1.2	1.2	1.2
75°	0.0	0.3	0.6	0.9	1.2	1.2	1.2	1.2	1.2	1.2	1.2
72.5°	0.0	0.4	0.7	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2
70°	0.0	0.4	0.8	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3
67.5°	0.0	0.5	0.9	1.2	1.2	1.2	1.3	1.2	1.2	1.5	1.5
65°	0.0	0.5	1.0	1.2	1.2	1.3	1.4	1.2	1.7	1.9	2.3
62.5°	0.0	0.6	1.1	1.2	1.2	1.6	1.6	1.6	2.2	3.1	4.8
60°	0.0	0.6	1.2	1.2	1.2	1.9	1.8	2.2	2.8	7.6	8.3
57.5°	0.0	0.6	1.2	1.2	1.5	2.2	3.1	3.0	7.5	12.8	14.1
55°	0.0	0.7	1.2	1.2	1.9	2.6	4.8	4.4	13.8	19.4	21.9
52.5°	0.0	0.7	1.2	1.2	2.2	3.2	6.7	10.8	20.5	28.7	31.0
50°	0.0	0.8	1.3	1.2	2.6	5.2	8.8	17.9	28.7	39.1	47.3
47.5°	0.0	0.8	1.3	1.3	3.0	7.3	11.7	25.1	39.4	50.5	64.2
45°	0.0	0.8	1.3	1.6	3.4	9.6	18.0	32.2	50.1	65.5	80.8
42.5°	0.0	0.9	1.4	1.9	3.8	12.0	24.2	40.7	60.9	80.2	99.4
40°	0.0	0.9	1.4	2.3	5.0	14.5	30.3	50.0	72.0	94.6	118.7
37.5°	0.0	1.0	1.5	2.8	7.0	17.1	36.5	59.2	84.1	109.5	138.4
35°	0.0	1.0	1.5	3.3	9.0	21.3	42.5	68.3	96.3	127.1	159.9
32.5°	0.0	1.0	1.5	3.9	11.0	26.1	48.9	77.2	108.4	145.3	184.0
30°	0.0	1.0	1.6	4.5	13.0	30.8	56.1	86.2	120.6	163.8	208.3
27.5°	0.0	1.1	1.7	5.2	15.3	35.3	63.1	96.1	133.9	182.7	232.7
25°	0.0	1.1	1.7	5.9	17.7	39.7	69.9	105.8	149.3	202.7	257.2
22.5°	0.0	1.1	1.8	6.6	19.9	43.9	76.3	115.2	164.5	223.0	281.9
20°	0.0	1.1	1.8	7.3	22.1	48.1	82.5	124.4	179.4	242.9	305.5
17.5°	0.0	1.1	1.9	8.0	24.2	52.0	88.2	133.1	194.0	262.1	327.9
15°	0.0	1.2	2.0	8.8	26.2	55.6	93.4	140.9	208.0	280.7	349.0
12.5°	0.0	1.2	2.0	9.5	28.1	59.0	98.2	147.4	219.7	298.5	368.7
10°	0.0	1.2	2.1	10.2	29.9	62.1	102.5	153.2	229.0	309.0	384.3
7.5°	0.0	1.2	2.1	10.9	31.6	64.8	106.4	158.3	237.1	316.9	392.4
5°	0.0	1.2	2.2	11.5	33.1	67.3	109.8	162.6	244.1	323.3	398.9
2.5°	0.0	1.2	2.2	12.1	34.5	69.5	112.7	166.3	249.9	328.1	403.9
0°	0.0	1.2	2.3	12.7	35.7	71.3	115.1	169.2	254.3	331.4	407.4
-2.5°	0.0	1.3	2.7	13.5	37.3	73.6	118.2	174.1	259.3	336.2	412.8
-5°	0.0	1.3	3.0	14.2	38.8	75.4	120.8	178.1	262.9	339.6	416.6
-7.5°	0.0	1.4	3.3	14.9	40.0	77.0	122.9	181.3	265.2	341.8	418.9
-10°	0.0	1.5	3.7	15.5	41.0	78.1	124.3	183.6	266.2	342.6	419.5
-12.5°	0.0	1.5	4.0	16.0	41.7	78.9	125.2	184.9	265.9	342.1	417.6
-15°	0.0	1.6	4.2	16.4	42.2	79.3	125.5	185.1	264.0	339.1	413.6
-17.5°	0.0	1.6	4.5	16.7	42.5	79.2	125.1	184.8	260.6	335.1	408.0
-20°	0.0	1.7	4.7	16.9	42.4	78.8	124.7	183.9	256.3	330.0	400.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627192 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-722-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	1.7	5.0	17.0	42.1	77.9	124.8	182.3	251.2	324.0	392.1
-25°	0.0	1.7	5.1	17.0	41.4	77.6	124.2	179.8	245.5	317.1	381.9
-27.5°	0.0	1.8	5.3	16.9	40.4	77.3	123.0	176.6	239.1	309.1	372.5
-30°	0.0	1.8	5.4	16.6	39.3	76.5	121.2	172.7	233.4	300.2	362.3
-32.5°	0.0	1.8	5.5	16.3	38.8	75.1	118.8	169.5	227.9	290.8	351.5
-35°	0.0	1.8	5.6	15.8	38.0	73.3	116.5	165.9	221.5	281.1	339.9
-37.5°	0.0	1.8	5.6	15.2	36.8	71.4	113.8	161.7	214.5	271.1	326.3
-40°	0.0	1.8	5.6	14.5	35.4	69.6	110.5	156.7	206.7	261.8	311.8
-42.5°	0.0	1.7	5.5	13.8	34.3	67.4	106.6	151.0	199.6	249.8	296.4
-45°	0.0	1.7	5.4	13.3	33.6	64.8	102.1	145.0	192.2	236.9	280.4
-47.5°	0.0	1.7	5.3	12.6	32.6	61.7	96.9	138.9	184.0	223.5	265.5
-50°	0.0	1.6	5.1	12.4	31.3	58.3	92.4	132.1	173.2	211.4	250.2
-52.5°	0.0	1.6	4.9	12.2	29.6	54.3	87.5	124.5	162.4	198.7	234.7
-55°	0.0	1.5	4.7	11.9	27.5	51.2	82.1	116.3	151.3	185.4	220.0
-57.5°	0.0	1.4	4.4	11.4	25.2	47.7	76.2	109.1	139.6	172.1	204.9
-60°	0.0	1.3	4.1	10.8	22.6	43.7	69.9	100.4	127.6	158.2	189.3
-62.5°	0.0	1.3	3.9	10.0	21.0	39.3	63.8	90.8	115.8	143.8	173.1
-65°	0.0	1.2	3.6	9.1	19.2	34.5	57.1	80.7	103.2	128.7	156.4
-67.5°	0.0	1.1	3.3	8.1	17.2	30.2	49.8	70.5	89.9	112.6	137.8
-70°	0.0	1.0	3.0	7.0	14.9	26.5	41.9	59.9	77.3	95.8	117.9
-72.5°	0.0	0.8	2.7	6.2	12.5	22.5	35.7	49.1	64.4	80.6	97.8
-75°	0.0	0.7	2.3	5.4	10.0	18.2	29.3	40.0	51.0	65.0	79.7
-77.5°	0.0	0.6	2.0	4.5	8.2	13.8	22.6	31.4	40.5	50.1	61.3
-80°	0.0	0.5	1.6	3.7	6.7	10.5	15.6	22.7	30.2	38.0	46.2
-82.5°	0.0	0.4	1.2	2.8	5.0	8.0	11.5	15.2	19.6	25.6	32.0
-85°	0.0	0.3	0.8	1.9	3.4	5.3	7.7	10.2	12.9	16.0	19.4
-87.5°	0.0	0.1	0.4	0.9	1.7	2.7	3.9	5.1	6.5	8.0	9.7
-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: P627192 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-722-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°	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9	0.9	1.0
85°	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
80°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
77.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
75°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
72.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
70°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.0
67.5°	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.2	1.2	0.9	0.6
65°	1.2	1.2	1.6	1.7	1.3	1.2	1.2	1.2	1.3	1.1	1.1
62.5°	1.7	2.1	2.6	4.0	3.0	1.2	2.3	2.7	1.8	1.5	1.6
60°	5.1	3.5	8.9	12.3	8.1	4.3	5.3	10.5	8.6	2.3	6.1
57.5°	10.2	12.5	22.3	23.4	18.0	12.2	26.6	29.5	24.5	15.4	22.2
55°	21.2	29.7	37.6	37.2	37.4	47.0	55.2	54.2	47.8	65.9	83.1
52.5°	40.1	49.0	54.2	59.1	72.5	81.4	84.0	89.1	107.8	130.2	134.3
50°	58.8	68.0	74.9	92.4	106.1	113.2	119.8	137.0	165.3	180.7	183.2
47.5°	77.8	88.1	106.1	125.3	138.6	149.2	160.6	199.7	231.3	244.4	249.1
45°	97.6	115.3	137.9	157.5	173.0	187.4	224.4	277.7	300.0	320.1	371.2
42.5°	118.2	144.8	170.2	190.8	208.2	238.4	290.0	341.5	373.4	416.2	478.0
40°	144.3	174.3	203.7	224.7	246.4	292.2	355.9	410.5	444.3	501.7	572.1
37.5°	171.0	205.9	237.7	259.8	290.3	352.3	427.2	492.6	534.5	581.2	694.4
35°	197.2	238.2	270.8	300.5	338.2	423.5	515.9	588.7	640.4	720.5	863.7
32.5°	225.3	271.1	304.5	344.9	406.8	502.2	615.6	696.5	782.3	897.4	1126.8
30°	255.1	301.9	340.3	388.8	471.8	583.2	714.8	816.4	932.8	1119.8	1367.1
27.5°	284.9	332.6	379.9	441.6	532.8	653.1	790.5	950.7	1101.2	1310.3	1580.5
25°	313.5	363.9	418.7	493.3	591.9	717.8	867.9	1052.6	1249.1	1488.1	1805.5
22.5°	340.9	395.6	459.8	539.9	641.7	779.2	958.2	1175.3	1411.3	1658.9	2023.6
20°	367.7	431.1	504.7	594.4	687.6	835.9	1046.5	1309.4	1605.1	1944.4	2301.8
17.5°	394.1	466.1	551.1	650.8	763.7	915.5	1137.1	1450.1	1810.0	2251.6	2691.6
15°	420.0	500.5	596.0	706.5	840.5	1021.9	1273.6	1617.6	2052.5	2581.2	3102.5
12.5°	445.2	533.8	639.0	760.9	915.0	1122.1	1402.3	1773.4	2271.6	2903.4	3543.7
10°	469.3	565.8	679.9	813.4	986.3	1215.3	1516.0	1908.1	2437.0	3088.1	3800.3
7.5°	481.5	587.4	714.8	863.4	1053.6	1300.9	1615.0	2022.0	2566.2	3236.6	3950.7
5°	490.3	597.3	727.9	883.3	1090.6	1359.1	1690.7	2115.2	2661.4	3348.3	4052.6
2.5°	497.0	604.4	737.5	894.6	1105.3	1378.4	1715.8	2147.6	2712.5	3406.6	4111.9
0°	501.7	608.7	743.4	901.0	1112.8	1387.8	1727.3	2161.1	2734.2	3420.0	4133.5
-2.5°	506.6	614.7	749.6	911.0	1123.4	1400.6	1740.0	2170.7	2750.4	3423.7	4145.2
-5°	509.5	617.9	752.0	915.9	1126.7	1403.0	1739.1	2161.6	2737.5	3396.9	4119.8
-7.5°	510.2	618.3	750.7	914.9	1122.4	1392.1	1720.7	2134.6	2692.9	3342.5	4057.6
-10°	509.0	615.5	745.7	906.6	1109.8	1369.5	1687.9	2087.9	2619.5	3252.7	3952.5
-12.5°	505.3	609.8	736.8	893.1	1089.4	1337.4	1641.5	2021.2	2517.6	3127.9	3804.3
-15°	499.3	601.2	724.0	874.3	1061.3	1296.0	1582.0	1934.7	2386.4	2969.3	3619.7
-17.5°	491.1	589.8	707.2	850.4	1025.5	1245.8	1510.1	1833.4	2245.0	2792.2	3414.6
-20°	480.6	575.6	686.5	821.3	984.1	1192.9	1443.3	1743.7	2112.6	2589.4	3172.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627192 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-722-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°	467.9	558.7	664.5	793.5	947.4	1137.9	1368.6	1642.1	1964.1	2355.1	2908.3
-25°	454.8	542.6	643.1	762.6	905.5	1075.7	1283.2	1532.4	1824.0	2181.8	2639.2
-27.5°	441.9	524.0	618.5	726.8	858.6	1011.4	1202.9	1430.0	1690.0	1994.2	2366.7
-30°	427.4	503.2	591.2	689.4	813.6	955.5	1121.0	1315.6	1546.8	1821.7	2145.4
-32.5°	411.4	481.0	564.9	657.0	765.4	894.5	1037.7	1213.7	1414.8	1641.7	1921.5
-35°	395.6	461.9	537.9	622.2	713.6	834.6	966.1	1112.1	1283.2	1484.1	1707.9
-37.5°	380.4	441.2	508.9	587.5	673.3	773.7	889.9	1021.8	1169.0	1328.8	1522.2
-40°	363.4	418.8	482.9	554.0	629.9	717.0	821.7	933.6	1060.4	1201.0	1350.4
-42.5°	345.0	398.2	456.7	518.0	587.6	665.4	752.3	854.6	959.9	1077.7	1208.1
-45°	326.9	375.7	429.3	485.3	543.8	612.5	691.5	776.6	870.0	966.1	1075.6
-47.5°	307.9	352.5	402.3	451.1	503.0	561.6	628.6	705.8	783.7	869.3	954.2
-50°	288.8	330.7	372.6	418.1	464.6	513.4	569.9	636.6	707.5	778.5	853.3
-52.5°	271.8	308.0	345.8	384.9	427.3	470.7	517.8	572.8	634.7	697.3	761.7
-55°	254.3	287.7	319.0	354.0	390.6	429.7	471.7	518.0	564.7	621.7	677.2
-57.5°	237.3	266.9	294.1	324.0	356.5	389.7	427.6	466.9	509.4	552.4	597.8
-60°	220.2	245.4	270.1	295.9	323.2	352.7	383.2	417.7	454.2	491.6	530.9
-62.5°	202.6	223.0	244.7	268.4	292.4	315.2	340.7	368.9	399.0	431.1	464.4
-65°	182.8	199.8	217.9	238.5	261.1	279.4	299.0	320.2	345.0	371.5	397.6
-67.5°	161.8	176.8	191.6	206.8	225.1	241.6	257.7	274.5	293.1	314.7	335.7
-70°	138.3	153.2	166.3	178.9	190.6	202.3	216.0	229.3	244.3	263.7	282.7
-72.5°	114.4	128.4	140.8	151.5	159.7	166.7	175.1	184.8	199.1	217.1	234.0
-75°	92.5	103.8	115.4	125.7	131.0	133.1	134.8	139.9	154.4	172.9	189.3
-77.5°	72.1	81.9	91.3	100.3	104.0	105.5	106.2	106.2	116.9	132.6	149.2
-80°	53.1	59.9	67.9	75.6	77.9	78.6	78.6	78.2	86.9	98.2	110.4
-82.5°	36.9	41.8	46.9	52.1	52.8	52.5	51.7	50.9	58.0	66.2	74.6
-85°	21.5	23.6	26.7	29.9	30.3	30.1	29.5	28.6	32.5	37.0	41.7
-87.5°	10.8	11.8	12.8	13.9	13.5	13.0	12.3	11.4	12.5	13.7	14.8
-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: P627192 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-722-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°	1.0	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.2	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.2	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.2	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.2	1.0	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.2	1.0	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.2	1.0	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.7	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.5	0.6	0.6	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.2	1.2	0.9	0.6	0.3	0.2	0.3	0.3	0.1	0.0	0.0
62.5°	1.5	1.5	1.1	1.0	1.1	1.2	1.0	0.8	0.8	0.9	1.0
60°	6.5	3.8	3.8	4.9	4.2	1.9	3.8	4.8	4.5	3.4	3.0
57.5°	33.0	27.7	19.4	32.4	33.4	23.2	25.2	32.9	31.9	24.7	24.6
55°	83.2	84.5	90.7	98.8	104.9	107.7	110.2	122.6	135.8	148.7	155.2
52.5°	137.5	153.6	173.5	186.8	196.0	215.0	241.5	253.7	265.5	279.0	288.7
50°	202.5	230.4	250.5	253.4	284.9	305.4	310.3	333.1	358.0	373.5	384.6
47.5°	301.2	336.5	354.0	365.2	403.6	445.7	445.7	458.8	521.2	553.8	569.5
45°	433.8	463.3	494.2	574.6	648.5	672.0	722.2	790.2	834.4	895.2	962.1
42.5°	546.8	602.1	679.6	768.1	842.2	903.9	978.5	1060.2	1158.4	1250.7	1330.4
40°	658.6	727.1	823.0	919.3	1012.6	1098.1	1218.3	1323.5	1439.3	1566.3	1672.1
37.5°	804.4	892.1	991.3	1112.7	1257.9	1352.8	1518.2	1669.2	1799.7	1953.1	2047.5
35°	1028.4	1142.7	1230.5	1476.0	1652.6	1763.6	1959.3	2207.5	2302.9	2496.0	2587.7
32.5°	1310.0	1461.9	1693.1	2018.1	2254.0	2458.3	2750.9	3002.8	3217.5	3411.5	3613.3
30°	1626.4	1860.8	2201.5	2633.4	2873.0	3159.2	3554.9	3853.6	4190.3	4559.9	4689.3
27.5°	1913.6	2264.7	2660.2	3010.1	3354.3	3710.7	4099.5	4483.1	4847.6	5155.1	5361.5
25°	2179.8	2604.9	2989.4	3363.2	3736.2	4137.5	4577.2	5012.4	5413.4	5729.9	5970.5
22.5°	2454.3	2903.4	3314.7	3694.1	4127.9	4582.7	5050.3	5549.5	6005.9	6334.2	6596.3
20°	2712.4	3211.9	3681.1	4113.0	4523.1	5048.1	5586.6	6116.0	6613.0	7004.1	7306.3
17.5°	3122.1	3555.7	4129.2	4690.3	5152.2	5634.5	6354.1	6900.5	7452.0	7920.3	8240.7
15°	3625.2	4102.1	4694.2	5464.8	6097.7	6650.4	7393.8	8282.6	8933.1	9531.0	9941.1
12.5°	4128.8	4668.1	5308.6	6175.7	7076.9	7727.9	8629.7	9756.1	10513.8	11439.5	11895.8
10°	4514.7	5192.0	5851.6	6642.9	7508.4	8435.3	9407.5	10461.3	11473.8	12268.6	12979.1
7.5°	4670.1	5391.6	6155.1	6962.5	7827.9	8784.6	9820.7	10917.3	11959.2	12847.0	13627.9
5°	4786.3	5525.5	6294.0	7119.6	8044.7	9043.8	10095.4	11246.6	12310.7	13262.2	14061.1
2.5°	4860.1	5606.2	6371.4	7210.8	8183.8	9212.5	10297.9	11479.6	12559.7	13539.3	14335.5
0°	4888.4	5623.7	6407.4	7271.6	8234.8	9265.9	10398.2	11593.8	12682.4	13629.5	14448.8
-2.5°	4892.3	5607.4	6409.8	7269.7	8191.3	9232.1	10378.1	11563.7	12630.2	13573.5	14400.1
-5°	4853.9	5568.8	6371.8	7218.8	8141.6	9174.5	10271.3	11417.1	12434.2	13352.2	14148.1
-7.5°	4776.0	5488.9	6274.2	7101.8	7999.7	9001.6	10055.1	11120.3	12118.2	12998.6	13758.1
-10°	4660.5	5358.4	6116.5	6922.8	7772.5	8725.5	9730.0	10747.7	11683.5	12497.7	13200.0
-12.5°	4504.0	5185.9	5909.8	6679.6	7470.5	8379.1	9327.6	10283.3	11136.2	11879.5	12509.7
-15°	4300.9	4966.8	5667.8	6395.8	7162.8	7984.4	8835.6	9712.3	10498.9	11158.1	11733.7
-17.5°	4061.6	4707.4	5373.2	6048.0	6775.8	7546.6	8336.8	9123.7	9794.6	10380.2	10906.7
-20°	3794.8	4417.1	5049.4	5678.6	6338.8	7051.7	7781.5	8472.7	9059.0	9591.1	10072.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627192 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-722-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°	3495.7	4091.3	4697.4	5286.1	5881.6	6527.1	7178.8	7803.9	8352.3	8807.5	9226.1
-25°	3175.5	3725.8	4298.1	4850.1	5398.1	5976.6	6568.6	7143.7	7626.4	8021.6	8367.5
-27.5°	2852.8	3355.7	3860.0	4379.6	4886.2	5420.0	5955.9	6452.7	6886.0	7249.8	7540.5
-30°	2513.7	2963.2	3423.7	3893.9	4377.6	4866.1	5350.3	5785.3	6163.6	6483.6	6734.9
-32.5°	2231.8	2573.3	2979.9	3406.7	3860.1	4305.2	4726.4	5122.9	5479.4	5758.8	5971.9
-35°	1961.6	2250.9	2555.3	2933.2	3322.7	3732.3	4119.7	4473.6	4791.3	5035.5	5236.0
-37.5°	1729.4	1958.1	2215.6	2485.3	2811.9	3150.5	3500.3	3833.0	4116.3	4329.3	4508.4
-40°	1528.4	1708.9	1914.7	2128.5	2368.8	2612.1	2916.6	3197.4	3428.7	3627.8	3789.9
-42.5°	1346.7	1499.0	1650.9	1826.3	2007.6	2203.2	2416.9	2624.7	2802.1	2968.7	3106.5
-45°	1189.8	1311.5	1432.6	1568.1	1701.2	1860.2	2012.9	2149.1	2292.9	2417.7	2515.8
-47.5°	1052.6	1147.5	1251.3	1352.7	1459.6	1579.3	1693.0	1796.6	1901.9	1993.2	2066.4
-50°	930.7	1009.3	1094.1	1173.8	1260.2	1347.8	1431.8	1514.3	1594.3	1663.7	1717.7
-52.5°	824.0	892.7	958.8	1022.2	1090.9	1155.7	1216.6	1284.6	1347.2	1401.9	1438.9
-55°	733.1	789.2	843.3	896.3	948.3	997.5	1046.0	1098.8	1147.1	1190.6	1218.1
-57.5°	647.8	695.5	741.4	784.6	825.9	864.9	905.8	946.4	983.6	1016.4	1037.7
-60°	570.1	609.2	648.8	684.1	717.4	748.6	783.0	815.5	845.6	870.8	885.5
-62.5°	499.0	534.0	563.3	591.2	619.6	647.7	672.1	696.1	719.3	738.8	751.7
-65°	424.7	454.4	479.3	501.7	522.0	543.8	564.6	583.4	600.2	612.9	621.0
-67.5°	358.2	380.0	400.0	417.8	435.9	453.3	469.4	483.6	496.2	505.1	510.9
-70°	300.4	317.1	333.4	349.6	365.7	379.3	390.9	401.6	411.3	415.3	417.1
-72.5°	249.6	264.4	278.8	293.1	306.5	317.1	325.6	333.5	340.5	334.4	323.8
-75°	203.6	216.6	230.0	242.6	254.5	262.6	268.9	274.8	280.1	266.9	248.8
-77.5°	165.9	177.4	187.3	197.1	206.9	212.1	216.1	220.0	223.8	209.1	190.5
-80°	123.1	132.3	140.7	149.0	157.2	160.3	162.0	163.3	163.9	151.4	136.8
-82.5°	83.1	87.9	92.6	97.4	102.3	104.9	106.9	108.4	109.5	100.5	90.5
-85°	46.6	48.0	49.2	50.1	51.0	52.6	54.1	55.5	56.8	52.6	47.9
-87.5°	16.0	16.0	16.0	15.9	15.7	15.7	15.7	15.6	15.6	14.9	14.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627192 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-722-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°	1.1	1.1	1.2	1.2	1.2	1.1	1.1	1.0	0.9	0.8	0.8
60°	2.3	1.4	1.2	1.2	1.2	1.4	2.3	3.0	3.4	4.5	4.8
57.5°	22.9	20.0	17.9	16.1	17.9	20.0	22.9	24.6	24.7	31.9	32.9
55°	152.4	141.9	129.0	113.9	129.0	141.9	152.4	155.2	148.7	135.8	122.6
52.5°	299.0	308.9	314.7	314.2	314.7	308.9	299.0	288.7	279.0	265.5	253.7
50°	393.5	398.9	399.2	394.7	399.2	398.9	393.5	384.6	373.5	358.0	333.1
47.5°	576.6	569.0	556.0	542.0	556.0	569.0	576.6	569.5	553.8	521.2	458.8
45°	1006.1	1030.3	1028.7	997.7	1028.7	1030.3	1006.1	962.1	895.2	834.4	790.2
42.5°	1374.9	1411.2	1436.9	1449.9	1436.9	1411.2	1374.9	1330.4	1250.7	1158.4	1060.2
40°	1731.7	1766.8	1782.2	1781.4	1782.2	1766.8	1731.7	1672.1	1566.3	1439.3	1323.5
37.5°	2108.8	2154.2	2176.2	2165.7	2176.2	2154.2	2108.8	2047.5	1953.1	1799.7	1669.2
35°	2627.4	2669.8	2670.6	2649.0	2670.6	2669.8	2627.4	2587.7	2496.0	2302.9	2207.5
32.5°	3773.4	3787.7	3678.5	3639.8	3678.5	3787.7	3773.4	3613.3	3411.5	3217.5	3002.8
30°	4818.2	4918.9	5012.6	5059.9	5012.6	4918.9	4818.2	4689.3	4559.9	4190.3	3853.6
27.5°	5517.1	5638.2	5713.3	5718.1	5713.3	5638.2	5517.1	5361.5	5155.1	4847.6	4483.1
25°	6152.8	6288.3	6370.1	6398.2	6370.1	6288.3	6152.8	5970.5	5729.9	5413.4	5012.4
22.5°	6818.7	6978.4	7084.3	7105.9	7084.3	6978.4	6818.7	6596.3	6334.2	6005.9	5549.5
20°	7591.4	7777.3	7878.8	7874.6	7878.8	7777.3	7591.4	7306.3	7004.1	6613.0	6116.0
17.5°	8608.7	8808.1	8895.6	8857.3	8895.6	8808.1	8608.7	8240.7	7920.3	7452.0	6900.5
15°	10362.2	10779.2	10777.5	10611.1	10777.5	10779.2	10362.2	9941.1	9531.0	8933.1	8282.6
12.5°	12525.2	12835.9	13154.8	13223.3	13154.8	12835.9	12525.2	11895.8	11439.5	10513.8	9756.1
10°	13577.6	13990.3	14262.7	14255.5	14262.7	13990.3	13577.6	12979.1	12268.6	11473.8	10461.3
7.5°	14236.1	14692.0	15022.1	15015.0	15022.1	14692.0	14236.1	13627.9	12847.0	11959.2	10917.3
5°	14744.2	15250.0	15542.3	15563.9	15542.3	15250.0	14744.2	14061.1	13262.2	12310.7	11246.6
2.5°	15008.2	15536.0	15887.5	15841.3	15887.5	15536.0	15008.2	14335.5	13539.3	12559.7	11479.6
0°	15118.6	15641.0	15969.0	16110.5	15969.0	15641.0	15118.6	14448.8	13629.5	12682.4	11593.8
-2.5°	15070.4	15578.7	15941.2	15955.2	15941.2	15578.7	15070.4	14400.1	13573.5	12630.2	11563.7
-5°	14812.2	15348.6	15591.5	15720.4	15591.5	15348.6	14812.2	14148.1	13352.2	12434.2	11417.1
-7.5°	14395.7	14797.8	15106.2	15248.6	15106.2	14797.8	14395.7	13758.1	12998.6	12118.2	11120.3
-10°	13747.6	14163.8	14424.5	14542.1	14424.5	14163.8	13747.6	13200.0	12497.7	11683.5	10747.7
-12.5°	13029.7	13407.9	13655.8	13754.9	13655.8	13407.9	13029.7	12509.7	11879.5	11136.2	10283.3
-15°	12228.7	12572.1	12800.2	12895.3	12800.2	12572.1	12228.7	11733.7	11158.1	10498.9	9712.3
-17.5°	11346.9	11647.8	11875.1	11943.7	11875.1	11647.8	11346.9	10906.7	10380.2	9794.6	9123.7
-20°	10440.2	10712.2	10899.4	10940.2	10899.4	10712.2	10440.2	10072.8	9591.1	9059.0	8472.7



REPORT NUMBER: P627192 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-722-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°	9526.6	9750.7	9902.8	9954.0	9902.8	9750.7	9526.6	9226.1	8807.5	8352.3	7803.9
-25°	8633.8	8827.2	8949.6	8995.4	8949.6	8827.2	8633.8	8367.5	8021.6	7626.4	7143.7
-27.5°	7775.1	7955.4	8067.8	8082.9	8067.8	7955.4	7775.1	7540.5	7249.8	6886.0	6452.7
-30°	6930.2	7079.2	7165.8	7202.6	7165.8	7079.2	6930.2	6734.9	6483.6	6163.6	5785.3
-32.5°	6140.7	6270.8	6348.6	6369.4	6348.6	6270.8	6140.7	5971.9	5758.8	5479.4	5122.9
-35°	5395.3	5515.4	5584.4	5578.8	5584.4	5515.4	5395.3	5236.0	5035.5	4791.3	4473.6
-37.5°	4656.3	4767.2	4829.8	4824.0	4829.8	4767.2	4656.3	4508.4	4329.3	4116.3	3833.0
-40°	3923.3	4019.0	4074.1	4087.5	4074.1	4019.0	3923.3	3789.9	3627.8	3428.7	3197.4
-42.5°	3221.0	3309.3	3353.4	3336.0	3353.4	3309.3	3221.0	3106.5	2968.7	2802.1	2624.7
-45°	2584.5	2630.2	2660.2	2679.0	2660.2	2630.2	2584.5	2515.8	2417.7	2292.9	2149.1
-47.5°	2120.0	2157.8	2178.3	2181.8	2178.3	2157.8	2120.0	2066.4	1993.2	1901.9	1796.6
-50°	1759.7	1791.9	1806.1	1802.1	1806.1	1791.9	1759.7	1717.7	1663.7	1594.3	1514.3
-52.5°	1465.5	1484.1	1496.7	1502.9	1496.7	1484.1	1465.5	1438.9	1401.9	1347.2	1284.6
-55°	1238.8	1253.3	1261.8	1264.7	1261.8	1253.3	1238.8	1218.1	1190.6	1147.1	1098.8
-57.5°	1055.4	1069.3	1074.3	1072.5	1074.3	1069.3	1055.4	1037.7	1016.4	983.6	946.4
-60°	896.8	904.7	910.7	913.7	910.7	904.7	896.8	885.5	870.8	845.6	815.5
-62.5°	761.9	769.3	775.5	779.1	775.5	769.3	761.9	751.7	738.8	719.3	696.1
-65°	626.7	630.0	630.9	629.5	630.9	630.0	626.7	621.0	612.9	600.2	583.4
-67.5°	515.3	518.0	519.8	520.1	519.8	518.0	515.3	510.9	505.1	496.2	483.6
-70°	418.9	420.0	418.7	415.4	418.7	420.0	418.9	417.1	415.3	411.3	401.6
-72.5°	312.9	301.4	290.0	277.3	290.0	301.4	312.9	323.8	334.4	340.5	333.5
-75°	230.0	210.6	203.6	196.8	203.6	210.6	230.0	248.8	266.9	280.1	274.8
-77.5°	171.1	150.8	145.5	140.4	145.5	150.8	171.1	190.5	209.1	223.8	220.0
-80°	121.6	105.8	102.4	99.0	102.4	105.8	121.6	136.8	151.4	163.9	163.3
-82.5°	79.9	68.8	66.6	64.4	66.6	68.8	79.9	90.5	100.5	109.5	108.4
-85°	43.0	37.8	36.8	35.7	36.8	37.8	43.0	47.9	52.6	56.8	55.5
-87.5°	13.4	12.7	12.7	12.7	12.7	12.7	13.4	14.2	14.9	15.6	15.6
-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: P627192 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-722-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	0.3	0.5	0.8	1.0	1.0	0.9	0.9	0.8
85°	0.0	0.0	0.0	0.3	0.6	0.9	1.2	1.2	1.2	1.2	1.2
82.5°	0.0	0.0	0.0	0.3	0.6	0.9	1.2	1.2	1.2	1.2	1.2
80°	0.0	0.0	0.0	0.3	0.6	0.9	1.2	1.2	1.2	1.2	1.2
77.5°	0.0	0.0	0.1	0.4	0.7	1.0	1.2	1.2	1.2	1.2	1.2
75°	0.0	0.0	0.1	0.4	0.7	1.0	1.2	1.2	1.2	1.2	1.2
72.5°	0.0	0.0	0.1	0.4	0.7	1.0	1.2	1.2	1.2	1.2	1.2
70°	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.0	1.2	1.2	1.2
67.5°	0.0	0.0	0.2	0.5	0.6	0.6	0.5	0.6	0.9	1.2	1.2
65°	0.3	0.2	0.3	0.6	0.9	1.2	1.2	1.1	1.1	1.3	1.2
62.5°	1.0	1.2	1.1	1.0	1.1	1.5	1.5	1.6	1.5	1.8	2.7
60°	3.8	1.9	4.2	4.9	3.8	3.8	6.5	6.1	2.3	8.6	10.5
57.5°	25.2	23.2	33.4	32.4	19.4	27.7	33.0	22.2	15.4	24.5	29.5
55°	110.2	107.7	104.9	98.8	90.7	84.5	83.2	83.1	65.9	47.8	54.2
52.5°	241.5	215.0	196.0	186.8	173.5	153.6	137.5	134.3	130.2	107.8	89.1
50°	310.3	305.4	284.9	253.4	250.5	230.4	202.5	183.2	180.7	165.3	137.0
47.5°	445.7	445.7	403.6	365.2	354.0	336.5	301.2	249.1	244.4	231.3	199.7
45°	722.2	672.0	648.5	574.6	494.2	463.3	433.8	371.2	320.1	300.0	277.7
42.5°	978.5	903.9	842.2	768.1	679.6	602.1	546.8	478.0	416.2	373.4	341.5
40°	1218.3	1098.1	1012.6	919.3	823.0	727.1	658.6	572.1	501.7	444.3	410.5
37.5°	1518.2	1352.8	1257.9	1112.7	991.3	892.1	804.4	694.4	581.2	534.5	492.6
35°	1959.3	1763.6	1652.6	1476.0	1230.5	1142.7	1028.4	863.7	720.5	640.4	588.7
32.5°	2750.9	2458.3	2254.0	2018.1	1693.1	1461.9	1310.0	1126.8	897.4	782.3	696.5
30°	3554.9	3159.2	2873.0	2633.4	2201.5	1860.8	1626.4	1367.1	1119.8	932.8	816.4
27.5°	4099.5	3710.7	3354.3	3010.1	2660.2	2264.7	1913.6	1580.5	1310.3	1101.2	950.7
25°	4577.2	4137.5	3736.2	3363.2	2989.4	2604.9	2179.8	1805.5	1488.1	1249.1	1052.6
22.5°	5050.3	4582.7	4127.9	3694.1	3314.7	2903.4	2454.3	2023.6	1658.9	1411.3	1175.3
20°	5586.6	5048.1	4523.1	4113.0	3681.1	3211.9	2712.4	2301.8	1944.4	1605.1	1309.4
17.5°	6354.1	5634.5	5152.2	4690.3	4129.2	3555.7	3122.1	2691.6	2251.6	1810.0	1450.1
15°	7393.8	6650.4	6097.7	5464.8	4694.2	4102.1	3625.2	3102.5	2581.2	2052.5	1617.6
12.5°	8629.7	7727.9	7076.9	6175.7	5308.6	4668.1	4128.8	3543.7	2903.4	2271.6	1773.4
10°	9407.5	8435.3	7508.4	6642.9	5851.6	5192.0	4514.7	3800.3	3088.1	2437.0	1908.1
7.5°	9820.7	8784.6	7827.9	6962.5	6155.1	5391.6	4670.1	3950.7	3236.6	2566.2	2022.0
5°	10095.4	9043.8	8044.7	7119.6	6294.0	5525.5	4786.3	4052.6	3348.3	2661.4	2115.2
2.5°	10297.9	9212.5	8183.8	7210.8	6371.4	5606.2	4860.1	4111.9	3406.6	2712.5	2147.6
0°	10398.2	9265.9	8234.8	7271.6	6407.4	5623.7	4888.4	4133.5	3420.0	2734.2	2161.1
-2.5°	10378.1	9232.1	8191.3	7269.7	6409.8	5607.4	4892.3	4145.2	3423.7	2750.4	2170.7
-5°	10271.3	9174.5	8141.6	7218.8	6371.8	5568.8	4853.9	4119.8	3396.9	2737.5	2161.6
-7.5°	10055.1	9001.6	7999.7	7101.8	6274.2	5488.9	4776.0	4057.6	3342.5	2692.9	2134.6
-10°	9730.0	8725.5	7772.5	6922.8	6116.5	5358.4	4660.5	3952.5	3252.7	2619.5	2087.9
-12.5°	9327.6	8379.1	7470.5	6679.6	5909.8	5185.9	4504.0	3804.3	3127.9	2517.6	2021.2
-15°	8835.6	7984.4	7162.8	6395.8	5667.8	4966.8	4300.9	3619.7	2969.3	2386.4	1934.7
-17.5°	8336.8	7546.6	6775.8	6048.0	5373.2	4707.4	4061.6	3414.6	2792.2	2245.0	1833.4
-20°	7781.5	7051.7	6338.8	5678.6	5049.4	4417.1	3794.8	3172.6	2589.4	2112.6	1743.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627192 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-722-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°	7178.8	6527.1	5881.6	5286.1	4697.4	4091.3	3495.7	2908.3	2355.1	1964.1	1642.1
-25°	6568.6	5976.6	5398.1	4850.1	4298.1	3725.8	3175.5	2639.2	2181.8	1824.0	1532.4
-27.5°	5955.9	5420.0	4886.2	4379.6	3860.0	3355.7	2852.8	2366.7	1994.2	1690.0	1430.0
-30°	5350.3	4866.1	4377.6	3893.9	3423.7	2963.2	2513.7	2145.4	1821.7	1546.8	1315.6
-32.5°	4726.4	4305.2	3860.1	3406.7	2979.9	2573.3	2231.8	1921.5	1641.7	1414.8	1213.7
-35°	4119.7	3732.3	3322.7	2933.2	2555.3	2250.9	1961.6	1707.9	1484.1	1283.2	1112.1
-37.5°	3500.3	3150.5	2811.9	2485.3	2215.6	1958.1	1729.4	1522.2	1328.8	1169.0	1021.8
-40°	2916.6	2612.1	2368.8	2128.5	1914.7	1708.9	1528.4	1350.4	1201.0	1060.4	933.6
-42.5°	2416.9	2203.2	2007.6	1826.3	1650.9	1499.0	1346.7	1208.1	1077.7	959.9	854.6
-45°	2012.9	1860.2	1701.2	1568.1	1432.6	1311.5	1189.8	1075.6	966.1	870.0	776.6
-47.5°	1693.0	1579.3	1459.6	1352.7	1251.3	1147.5	1052.6	954.2	869.3	783.7	705.8
-50°	1431.8	1347.8	1260.2	1173.8	1094.1	1009.3	930.7	853.3	778.5	707.5	636.6
-52.5°	1216.6	1155.7	1090.9	1022.2	958.8	892.7	824.0	761.7	697.3	634.7	572.8
-55°	1046.0	997.5	948.3	896.3	843.3	789.2	733.1	677.2	621.7	564.7	518.0
-57.5°	905.8	864.9	825.9	784.6	741.4	695.5	647.8	597.8	552.4	509.4	466.9
-60°	783.0	748.6	717.4	684.1	648.8	609.2	570.1	530.9	491.6	454.2	417.7
-62.5°	672.1	647.7	619.6	591.2	563.3	534.0	499.0	464.4	431.1	399.0	368.9
-65°	564.6	543.8	522.0	501.7	479.3	454.4	424.7	397.6	371.5	345.0	320.2
-67.5°	469.4	453.3	435.9	417.8	400.0	380.0	358.2	335.7	314.7	293.1	274.5
-70°	390.9	379.3	365.7	349.6	333.4	317.1	300.4	282.7	263.7	244.3	229.3
-72.5°	325.6	317.1	306.5	293.1	278.8	264.4	249.6	234.0	217.1	199.1	184.8
-75°	268.9	262.6	254.5	242.6	230.0	216.6	203.6	189.3	172.9	154.4	139.9
-77.5°	216.1	212.1	206.9	197.1	187.3	177.4	165.9	149.2	132.6	116.9	106.2
-80°	162.0	160.3	157.2	149.0	140.7	132.3	123.1	110.4	98.2	86.9	78.2
-82.5°	106.9	104.9	102.3	97.4	92.6	87.9	83.1	74.6	66.2	58.0	50.9
-85°	54.1	52.6	51.0	50.1	49.2	48.0	46.6	41.7	37.0	32.5	28.6
-87.5°	15.7	15.7	15.7	15.9	16.0	16.0	16.0	14.8	13.7	12.5	11.4
-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: P627192 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-722-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°	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.4	0.4
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.0	0.9	0.8	0.7
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1
80°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
77.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
75°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
72.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
70°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.2
67.5°	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.5	1.5	1.2	1.2
65°	1.2	1.2	1.3	1.7	1.6	1.2	1.2	2.3	1.9	1.7	1.2
62.5°	2.3	1.2	3.0	4.0	2.6	2.1	1.7	4.8	3.1	2.2	1.6
60°	5.3	4.3	8.1	12.3	8.9	3.5	5.1	8.3	7.6	2.8	2.2
57.5°	26.6	12.2	18.0	23.4	22.3	12.5	10.2	14.1	12.8	7.5	3.0
55°	55.2	47.0	37.4	37.2	37.6	29.7	21.2	21.9	19.4	13.8	4.4
52.5°	84.0	81.4	72.5	59.1	54.2	49.0	40.1	31.0	28.7	20.5	10.8
50°	119.8	113.2	106.1	92.4	74.9	68.0	58.8	47.3	39.1	28.7	17.9
47.5°	160.6	149.2	138.6	125.3	106.1	88.1	77.8	64.2	50.5	39.4	25.1
45°	224.4	187.4	173.0	157.5	137.9	115.3	97.6	80.8	65.5	50.1	32.2
42.5°	290.0	238.4	208.2	190.8	170.2	144.8	118.2	99.4	80.2	60.9	40.7
40°	355.9	292.2	246.4	224.7	203.7	174.3	144.3	118.7	94.6	72.0	50.0
37.5°	427.2	352.3	290.3	259.8	237.7	205.9	171.0	138.4	109.5	84.1	59.2
35°	515.9	423.5	338.2	300.5	270.8	238.2	197.2	159.9	127.1	96.3	68.3
32.5°	615.6	502.2	406.8	344.9	304.5	271.1	225.3	184.0	145.3	108.4	77.2
30°	714.8	583.2	471.8	388.8	340.3	301.9	255.1	208.3	163.8	120.6	86.2
27.5°	790.5	653.1	532.8	441.6	379.9	332.6	284.9	232.7	182.7	133.9	96.1
25°	867.9	717.8	591.9	493.3	418.7	363.9	313.5	257.2	202.7	149.3	105.8
22.5°	958.2	779.2	641.7	539.9	459.8	395.6	340.9	281.9	223.0	164.5	115.2
20°	1046.5	835.9	687.6	594.4	504.7	431.1	367.7	305.5	242.9	179.4	124.4
17.5°	1137.1	915.5	763.7	650.8	551.1	466.1	394.1	327.9	262.1	194.0	133.1
15°	1273.6	1021.9	840.5	706.5	596.0	500.5	420.0	349.0	280.7	208.0	140.9
12.5°	1402.3	1122.1	915.0	760.9	639.0	533.8	445.2	368.7	298.5	219.7	147.4
10°	1516.0	1215.3	986.3	813.4	679.9	565.8	469.3	384.3	309.0	229.0	153.2
7.5°	1615.0	1300.9	1053.6	863.4	714.8	587.4	481.5	392.4	316.9	237.1	158.3
5°	1690.7	1359.1	1090.6	883.3	727.9	597.3	490.3	398.9	323.3	244.1	162.6
2.5°	1715.8	1378.4	1105.3	894.6	737.5	604.4	497.0	403.9	328.1	249.9	166.3
0°	1727.3	1387.8	1112.8	901.0	743.4	608.7	501.7	407.4	331.4	254.3	169.2
-2.5°	1740.0	1400.6	1123.4	911.0	749.6	614.7	506.6	412.8	336.2	259.3	174.1
-5°	1739.1	1403.0	1126.7	915.9	752.0	617.9	509.5	416.6	339.6	262.9	178.1
-7.5°	1720.7	1392.1	1122.4	914.9	750.7	618.3	510.2	418.9	341.8	265.2	181.3
-10°	1687.9	1369.5	1109.8	906.6	745.7	615.5	509.0	419.5	342.6	266.2	183.6
-12.5°	1641.5	1337.4	1089.4	893.1	736.8	609.8	505.3	417.6	342.1	265.9	184.9
-15°	1582.0	1296.0	1061.3	874.3	724.0	601.2	499.3	413.6	339.1	264.0	185.1
-17.5°	1510.1	1245.8	1025.5	850.4	707.2	589.8	491.1	408.0	335.1	260.6	184.8
-20°	1443.3	1192.9	984.1	821.3	686.5	575.6	480.6	400.8	330.0	256.3	183.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627192 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-722-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°	1368.6	1137.9	947.4	793.5	664.5	558.7	467.9	392.1	324.0	251.2	182.3
-25°	1283.2	1075.7	905.5	762.6	643.1	542.6	454.8	381.9	317.1	245.5	179.8
-27.5°	1202.9	1011.4	858.6	726.8	618.5	524.0	441.9	372.5	309.1	239.1	176.6
-30°	1121.0	955.5	813.6	689.4	591.2	503.2	427.4	362.3	300.2	233.4	172.7
-32.5°	1037.7	894.5	765.4	657.0	564.9	481.0	411.4	351.5	290.8	227.9	169.5
-35°	966.1	834.6	713.6	622.2	537.9	461.9	395.6	339.9	281.1	221.5	165.9
-37.5°	889.9	773.7	673.3	587.5	508.9	441.2	380.4	326.3	271.1	214.5	161.7
-40°	821.7	717.0	629.9	554.0	482.9	418.8	363.4	311.8	261.8	206.7	156.7
-42.5°	752.3	665.4	587.6	518.0	456.7	398.2	345.0	296.4	249.8	199.6	151.0
-45°	691.5	612.5	543.8	485.3	429.3	375.7	326.9	280.4	236.9	192.2	145.0
-47.5°	628.6	561.6	503.0	451.1	402.3	352.5	307.9	265.5	223.5	184.0	138.9
-50°	569.9	513.4	464.6	418.1	372.6	330.7	288.8	250.2	211.4	173.2	132.1
-52.5°	517.8	470.7	427.3	384.9	345.8	308.0	271.8	234.7	198.7	162.4	124.5
-55°	471.7	429.7	390.6	354.0	319.0	287.7	254.3	220.0	185.4	151.3	116.3
-57.5°	427.6	389.7	356.5	324.0	294.1	266.9	237.3	204.9	172.1	139.6	109.1
-60°	383.2	352.7	323.2	295.9	270.1	245.4	220.2	189.3	158.2	127.6	100.4
-62.5°	340.7	315.2	292.4	268.4	244.7	223.0	202.6	173.1	143.8	115.8	90.8
-65°	299.0	279.4	261.1	238.5	217.9	199.8	182.8	156.4	128.7	103.2	80.7
-67.5°	257.7	241.6	225.1	206.8	191.6	176.8	161.8	137.8	112.6	89.9	70.5
-70°	216.0	202.3	190.6	178.9	166.3	153.2	138.3	117.9	95.8	77.3	59.9
-72.5°	175.1	166.7	159.7	151.5	140.8	128.4	114.4	97.8	80.6	64.4	49.1
-75°	134.8	133.1	131.0	125.7	115.4	103.8	92.5	79.7	65.0	51.0	40.0
-77.5°	106.2	105.5	104.0	100.3	91.3	81.9	72.1	61.3	50.1	40.5	31.4
-80°	78.6	78.6	77.9	75.6	67.9	59.9	53.1	46.2	38.0	30.2	22.7
-82.5°	51.7	52.5	52.8	52.1	46.9	41.8	36.9	32.0	25.6	19.6	15.2
-85°	29.5	30.1	30.3	29.9	26.7	23.6	21.5	19.4	16.0	12.9	10.2
-87.5°	12.3	13.0	13.5	13.9	12.8	11.8	10.8	9.7	8.0	6.5	5.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627192 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-722-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°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
85°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
82.5°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
80°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
77.5°	1.2	1.2	1.0	0.8	0.5	0.3	0.0
75°	1.2	1.2	1.2	0.9	0.6	0.3	0.0
72.5°	1.2	1.2	1.2	1.1	0.7	0.4	0.0
70°	1.2	1.2	1.2	1.2	0.8	0.4	0.0
67.5°	1.3	1.2	1.2	1.2	0.9	0.5	0.0
65°	1.4	1.3	1.2	1.2	1.0	0.5	0.0
62.5°	1.6	1.6	1.2	1.2	1.1	0.6	0.0
60°	1.8	1.9	1.2	1.2	1.2	0.6	0.0
57.5°	3.1	2.2	1.5	1.2	1.2	0.6	0.0
55°	4.8	2.6	1.9	1.2	1.2	0.7	0.0
52.5°	6.7	3.2	2.2	1.2	1.2	0.7	0.0
50°	8.8	5.2	2.6	1.2	1.3	0.8	0.0
47.5°	11.7	7.3	3.0	1.3	1.3	0.8	0.0
45°	18.0	9.6	3.4	1.6	1.3	0.8	0.0
42.5°	24.2	12.0	3.8	1.9	1.4	0.9	0.0
40°	30.3	14.5	5.0	2.3	1.4	0.9	0.0
37.5°	36.5	17.1	7.0	2.8	1.5	1.0	0.0
35°	42.5	21.3	9.0	3.3	1.5	1.0	0.0
32.5°	48.9	26.1	11.0	3.9	1.5	1.0	0.0
30°	56.1	30.8	13.0	4.5	1.6	1.0	0.0
27.5°	63.1	35.3	15.3	5.2	1.7	1.1	0.0
25°	69.9	39.7	17.7	5.9	1.7	1.1	0.0
22.5°	76.3	43.9	19.9	6.6	1.8	1.1	0.0
20°	82.5	48.1	22.1	7.3	1.8	1.1	0.0
17.5°	88.2	52.0	24.2	8.0	1.9	1.1	0.0
15°	93.4	55.6	26.2	8.8	2.0	1.2	0.0
12.5°	98.2	59.0	28.1	9.5	2.0	1.2	0.0
10°	102.5	62.1	29.9	10.2	2.1	1.2	0.0
7.5°	106.4	64.8	31.6	10.9	2.1	1.2	0.0
5°	109.8	67.3	33.1	11.5	2.2	1.2	0.0
2.5°	112.7	69.5	34.5	12.1	2.2	1.2	0.0
0°	115.1	71.3	35.7	12.7	2.3	1.2	0.0
-2.5°	118.2	73.6	37.3	13.5	2.7	1.3	0.0
-5°	120.8	75.4	38.8	14.2	3.0	1.3	0.0
-7.5°	122.9	77.0	40.0	14.9	3.3	1.4	0.0
-10°	124.3	78.1	41.0	15.5	3.7	1.5	0.0
-12.5°	125.2	78.9	41.7	16.0	4.0	1.5	0.0
-15°	125.5	79.3	42.2	16.4	4.2	1.6	0.0
-17.5°	125.1	79.2	42.5	16.7	4.5	1.6	0.0
-20°	124.7	78.8	42.4	16.9	4.7	1.7	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627192 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	124.8	77.9	42.1	17.0	5.0	1.7	0.0
-25°	124.2	77.6	41.4	17.0	5.1	1.7	0.0
-27.5°	123.0	77.3	40.4	16.9	5.3	1.8	0.0
-30°	121.2	76.5	39.3	16.6	5.4	1.8	0.0
-32.5°	118.8	75.1	38.8	16.3	5.5	1.8	0.0
-35°	116.5	73.3	38.0	15.8	5.6	1.8	0.0
-37.5°	113.8	71.4	36.8	15.2	5.6	1.8	0.0
-40°	110.5	69.6	35.4	14.5	5.6	1.8	0.0
-42.5°	106.6	67.4	34.3	13.8	5.5	1.7	0.0
-45°	102.1	64.8	33.6	13.3	5.4	1.7	0.0
-47.5°	96.9	61.7	32.6	12.6	5.3	1.7	0.0
-50°	92.4	58.3	31.3	12.4	5.1	1.6	0.0
-52.5°	87.5	54.3	29.6	12.2	4.9	1.6	0.0
-55°	82.1	51.2	27.5	11.9	4.7	1.5	0.0
-57.5°	76.2	47.7	25.2	11.4	4.4	1.4	0.0
-60°	69.9	43.7	22.6	10.8	4.1	1.3	0.0
-62.5°	63.8	39.3	21.0	10.0	3.9	1.3	0.0
-65°	57.1	34.5	19.2	9.1	3.6	1.2	0.0
-67.5°	49.8	30.2	17.2	8.1	3.3	1.1	0.0
-70°	41.9	26.5	14.9	7.0	3.0	1.0	0.0
-72.5°	35.7	22.5	12.5	6.2	2.7	0.8	0.0
-75°	29.3	18.2	10.0	5.4	2.3	0.7	0.0
-77.5°	22.6	13.8	8.2	4.5	2.0	0.6	0.0
-80°	15.6	10.5	6.7	3.7	1.6	0.5	0.0
-82.5°	11.5	8.0	5.0	2.8	1.2	0.4	0.0
-85°	7.7	5.3	3.4	1.9	0.8	0.3	0.0
-87.5°	3.9	2.7	1.7	0.9	0.4	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)