

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: P627052 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-740-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627052 (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-SA2E-740-U-WR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (32) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

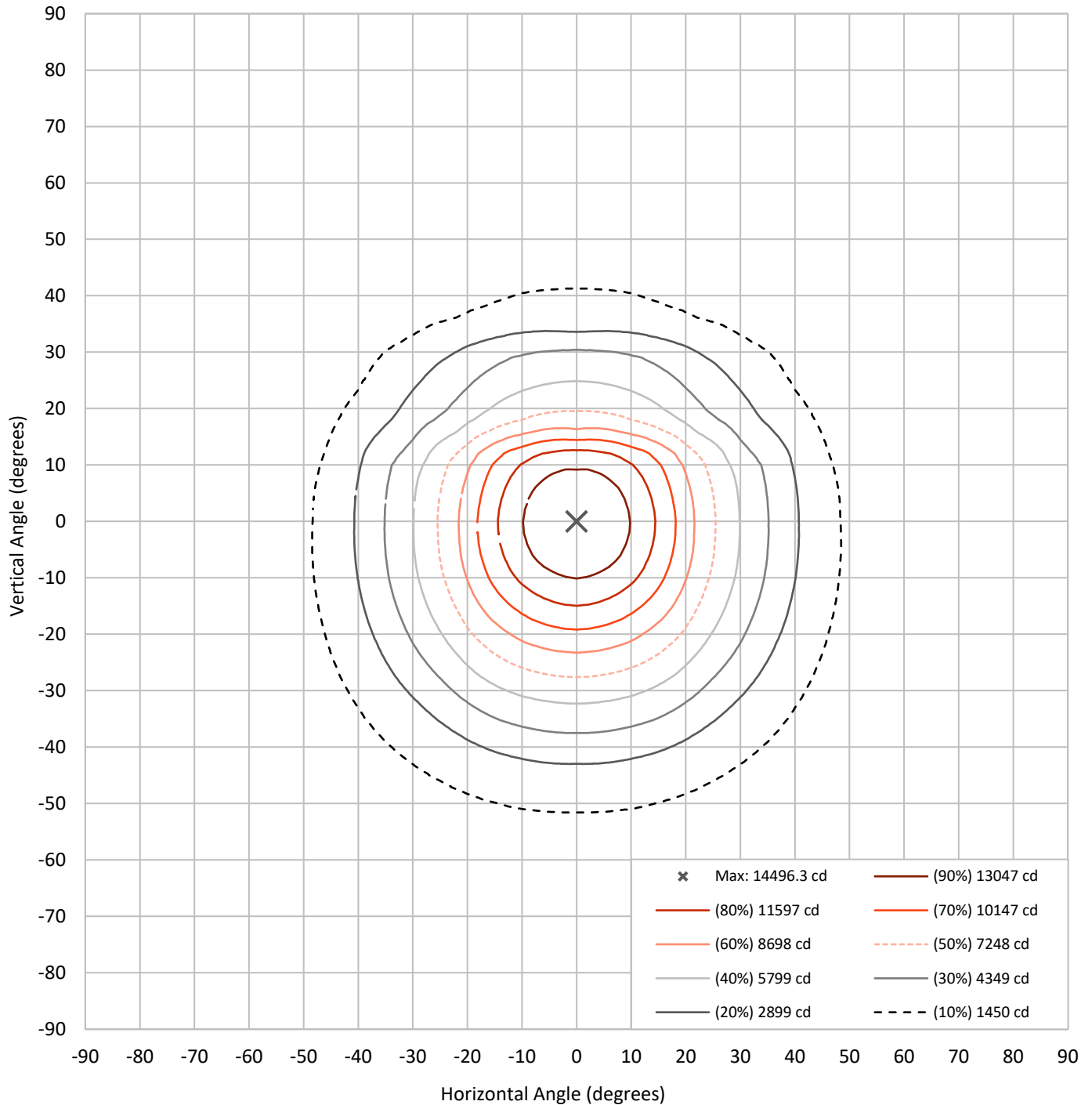
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	12788.8 lumens	Max Intensity:	14496.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	101.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	6157.2 lumens	Field Lumens:	11450.4 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	125.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





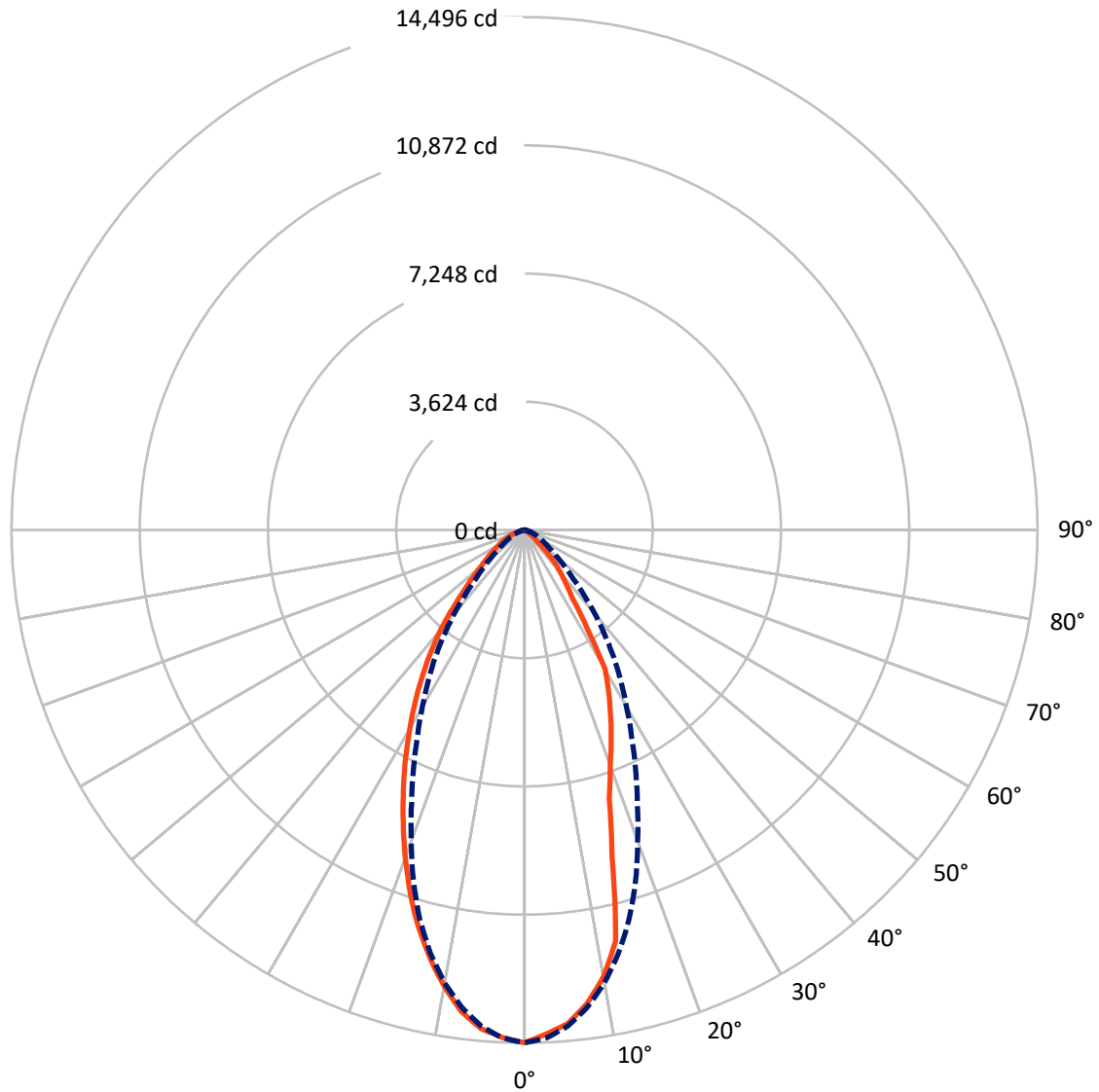
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Lumen Table

90																			
80	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.1	
50		0.3	0.7	1.2	2.0	2.9	4.0	4.5	4.5	4.0	2.9	2.0	1.2	0.7	0.3				
40	0.5	1.0	2.5	5.2	9.5	15.6	22.5	27.6	27.6	22.5	15.6	9.5	5.2	2.5	1.0			0.5	
30		1.9	5.0	11.6	23.9	43.9	67.1	80.6	80.6	67.1	43.9	23.9	11.6	5.0	1.9				
20	1.4	3.1	8.1	21.0	49.7	93.3	142.0	171.1	171.1	142.0	93.3	49.7	21.0	8.1	3.1			1.4	
10		4.1	11.5	32.9	81.7	151.1	236.2	292.0	292.0	236.2	151.1	81.7	32.9	11.5	4.1				
0	2.0	4.8	14.5	42.6	107.3	200.0	321.2	407.2	407.2	321.2	200.0	107.3	42.6	14.5	4.8			2.0	
-10		5.0	15.1	43.9	108.9	202.9	324.4	409.7	409.7	324.4	202.9	108.9	43.9	15.1	5.0				
-20	2.1	5.0	14.3	39.2	96.5	178.2	274.6	338.9	338.9	274.6	178.2	96.5	39.2	14.3	5.0			2.1	
-30		4.6	12.4	30.7	72.0	134.3	200.2	240.0	240.0	200.2	134.3	72.0	30.7	12.4	4.6				
-40	1.8	4.0	10.0	22.1	45.3	83.3	125.7	149.7	149.7	125.7	83.3	45.3	22.1	10.0	4.0			1.8	
-50		3.3	7.7	15.3	27.2	43.6	62.6	74.5	74.5	62.6	43.6	27.2	15.3	7.7	3.3				
-60	1.1	2.6	5.6	10.2	16.6	23.9	30.9	35.0	35.0	30.9	23.9	16.6	10.2	5.6	2.6			1.1	
-70		1.8	3.8	6.3	9.6	13.1	16.1	17.5	17.5	16.1	13.1	9.6	6.3	3.8	1.8				
-80	0.3	3.6	9.4	16.8	15.3	16.8	9.4	3.6	0.3										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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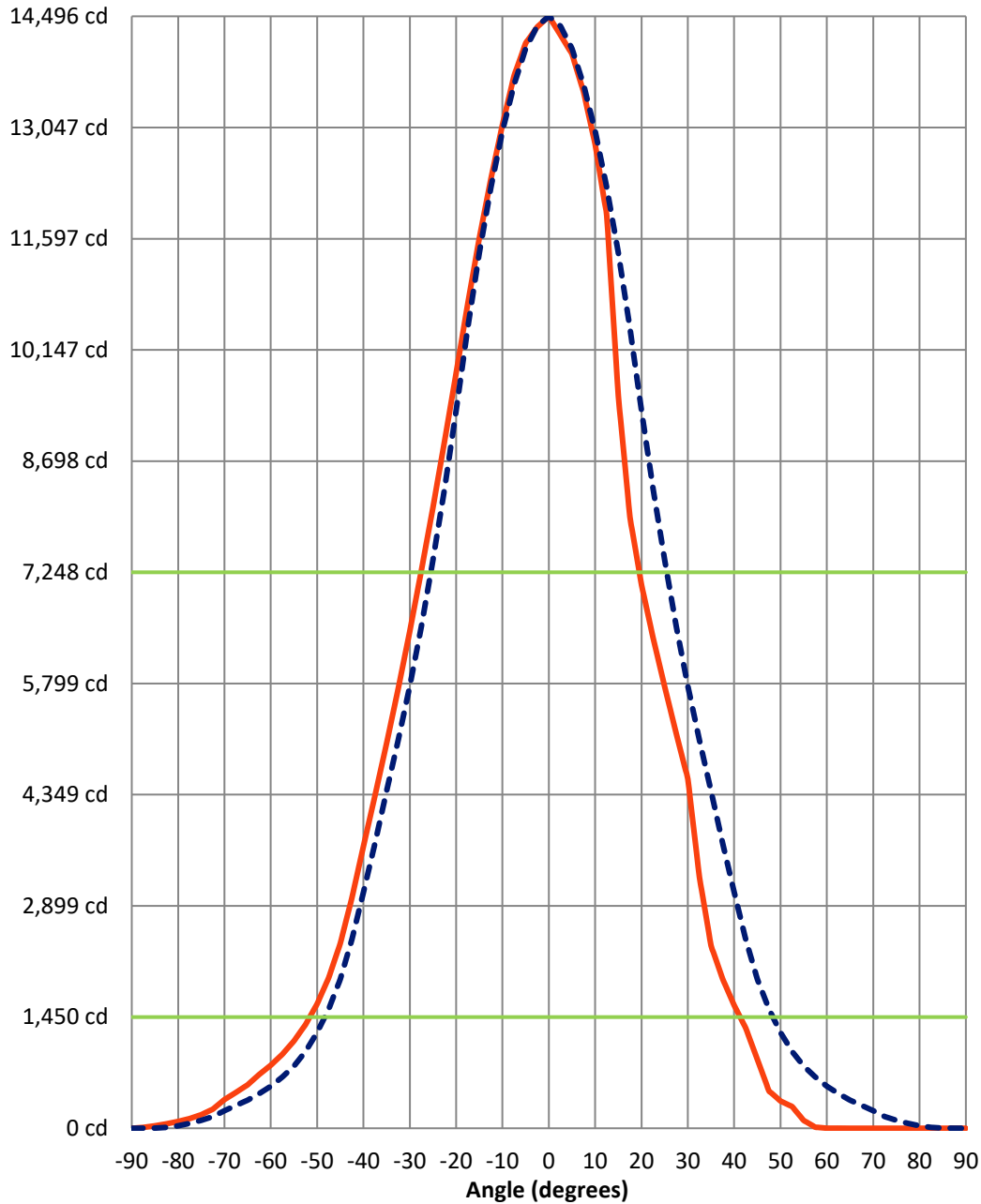
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 6157.2
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 11450.4
 Efficiency: 89.5%

Spill:
 Lumens: 1338.4
 Efficiency: 10.5%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
85°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.8
82.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.0	1.0
80°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.0	1.0	1.0	1.0
77.5°	0.0	0.2	0.4	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0
75°	0.0	0.3	0.5	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0
72.5°	0.0	0.3	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0
70°	0.0	0.3	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1
67.5°	0.0	0.4	0.8	1.0	1.0	1.0	1.1	1.0	1.0	1.3	1.3
65°	0.0	0.4	0.8	1.0	1.0	1.1	1.2	1.0	1.5	1.7	2.0
62.5°	0.0	0.5	0.9	1.0	1.0	1.4	1.4	1.4	1.9	2.8	4.3
60°	0.0	0.5	1.0	1.0	1.0	1.6	1.6	1.9	2.5	6.8	7.4
57.5°	0.0	0.5	1.0	1.0	1.3	1.9	2.8	2.7	6.7	11.5	12.7
55°	0.0	0.6	1.0	1.0	1.6	2.2	4.3	3.9	12.4	17.4	19.7
52.5°	0.0	0.6	1.0	1.0	1.9	2.8	6.0	9.7	18.5	25.9	27.8
50°	0.0	0.6	1.1	1.0	2.3	4.6	7.9	16.1	25.9	35.2	42.5
47.5°	0.0	0.7	1.1	1.1	2.6	6.5	10.5	22.6	35.5	45.5	57.7
45°	0.0	0.7	1.1	1.4	3.0	8.6	16.1	29.0	45.2	58.9	72.7
42.5°	0.0	0.7	1.2	1.6	3.4	10.7	21.7	36.7	54.8	72.2	89.4
40°	0.0	0.8	1.2	2.0	4.5	13.0	27.3	45.0	64.8	85.1	106.7
37.5°	0.0	0.8	1.3	2.5	6.3	15.4	32.8	53.3	75.7	98.4	124.5
35°	0.0	0.8	1.3	2.9	8.1	19.1	38.3	61.4	86.6	114.4	143.8
32.5°	0.0	0.8	1.3	3.5	9.9	23.5	44.0	69.4	97.5	130.7	165.5
30°	0.0	0.9	1.4	4.0	11.7	27.7	50.5	77.5	108.4	147.4	187.4
27.5°	0.0	0.9	1.5	4.6	13.8	31.7	56.8	86.4	120.4	164.3	209.4
25°	0.0	0.9	1.5	5.2	15.9	35.7	62.8	95.2	134.3	182.4	231.4
22.5°	0.0	0.9	1.6	5.9	17.9	39.5	68.6	103.6	147.9	200.6	253.7
20°	0.0	0.9	1.6	6.5	19.9	43.2	74.1	111.8	161.4	218.5	274.9
17.5°	0.0	1.0	1.7	7.2	21.8	46.7	79.3	119.7	174.5	235.9	295.0
15°	0.0	1.0	1.8	7.8	23.6	50.0	83.9	126.7	187.2	252.6	314.0
12.5°	0.0	1.0	1.8	8.5	25.3	53.1	88.3	132.5	197.7	268.5	331.8
10°	0.0	1.0	1.9	9.1	26.9	55.8	92.2	137.8	206.0	278.0	345.7
7.5°	0.0	1.0	1.9	9.8	28.4	58.4	95.6	142.4	213.4	285.2	353.0
5°	0.0	1.0	2.0	10.3	29.8	60.6	98.7	146.3	219.7	290.9	358.9
2.5°	0.0	1.0	2.0	10.9	31.0	62.5	101.3	149.6	224.8	295.2	363.4
0°	0.0	1.0	2.1	11.4	32.1	64.2	103.5	152.2	228.8	298.2	366.5
-2.5°	0.0	1.1	2.4	12.1	33.6	66.2	106.3	156.6	233.3	302.5	371.4
-5°	0.0	1.1	2.7	12.8	34.9	67.9	108.7	160.2	236.6	305.6	374.8
-7.5°	0.0	1.2	3.0	13.4	36.0	69.3	110.5	163.1	238.6	307.5	376.9
-10°	0.0	1.3	3.3	13.9	36.9	70.3	111.8	165.2	239.5	308.3	377.5
-12.5°	0.0	1.3	3.6	14.4	37.6	71.0	112.6	166.3	239.3	307.8	375.8
-15°	0.0	1.4	3.8	14.7	38.0	71.3	112.9	166.6	237.5	305.1	372.1
-17.5°	0.0	1.4	4.1	15.0	38.2	71.3	112.5	166.2	234.5	301.5	367.1
-20°	0.0	1.4	4.3	15.2	38.2	70.9	112.2	165.5	230.6	297.0	360.6

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Scaled Data Report



REPORT NUMBER: P627052 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-740-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	1.5	4.5	15.3	37.9	70.1	112.3	164.0	226.1	291.6	352.8
-25°	0.0	1.5	4.6	15.3	37.3	69.9	111.8	161.8	220.9	285.4	343.6
-27.5°	0.0	1.5	4.8	15.2	36.4	69.6	110.7	158.9	215.1	278.2	335.1
-30°	0.0	1.5	4.9	15.0	35.4	68.8	109.1	155.4	210.0	270.1	326.0
-32.5°	0.0	1.5	4.9	14.6	34.9	67.6	106.9	152.5	205.0	261.7	316.2
-35°	0.0	1.5	5.0	14.2	34.2	66.0	104.8	149.3	199.4	252.9	305.9
-37.5°	0.0	1.5	5.0	13.7	33.2	64.2	102.4	145.5	193.0	244.0	293.7
-40°	0.0	1.5	5.0	13.0	31.9	62.7	99.5	141.0	186.1	235.6	280.6
-42.5°	0.0	1.5	4.9	12.4	30.9	60.7	95.9	135.8	179.6	224.8	266.7
-45°	0.0	1.5	4.8	11.9	30.3	58.3	91.9	130.5	172.9	213.2	252.3
-47.5°	0.0	1.4	4.7	11.3	29.4	55.6	87.2	125.0	165.5	201.2	238.9
-50°	0.0	1.4	4.6	11.1	28.1	52.4	83.2	118.8	155.8	190.2	225.2
-52.5°	0.0	1.4	4.4	10.9	26.6	48.9	78.8	112.0	146.1	178.7	211.2
-55°	0.0	1.3	4.2	10.6	24.7	46.0	73.9	104.7	136.1	166.8	198.0
-57.5°	0.0	1.2	4.0	10.2	22.6	42.9	68.6	98.2	125.6	154.8	184.4
-60°	0.0	1.2	3.7	9.6	20.2	39.3	62.9	90.4	114.9	142.4	170.3
-62.5°	0.0	1.1	3.5	9.0	18.8	35.4	57.4	81.7	104.2	129.4	155.8
-65°	0.0	1.0	3.2	8.2	17.2	31.0	51.3	72.6	92.9	115.8	140.7
-67.5°	0.0	0.9	3.0	7.3	15.4	27.2	44.8	63.4	80.9	101.3	124.0
-70°	0.0	0.8	2.7	6.3	13.4	23.8	37.7	53.9	69.6	86.2	106.1
-72.5°	0.0	0.7	2.4	5.5	11.2	20.2	32.1	44.1	57.9	72.5	87.9
-75°	0.0	0.6	2.1	4.8	8.9	16.4	26.3	36.0	45.9	58.5	71.8
-77.5°	0.0	0.5	1.7	4.1	7.4	12.4	20.3	28.3	36.5	45.1	55.2
-80°	0.0	0.4	1.4	3.3	6.0	9.5	14.1	20.4	27.1	34.2	41.6
-82.5°	0.0	0.3	1.1	2.5	4.5	7.2	10.4	13.7	17.7	23.1	28.8
-85°	0.0	0.2	0.7	1.7	3.0	4.8	7.0	9.2	11.6	14.4	17.4
-87.5°	0.0	0.1	0.4	0.8	1.5	2.4	3.5	4.6	5.8	7.2	8.7
-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°	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.8
85°	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
80°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
77.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
72.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
70°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8
67.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.5
65°	1.0	1.0	1.4	1.5	1.1	1.0	1.0	1.0	1.1	0.9	0.9
62.5°	1.5	1.8	2.3	3.6	2.7	1.0	2.0	2.3	1.6	1.3	1.4
60°	4.5	3.1	7.9	11.0	7.2	3.8	4.7	9.4	7.7	2.1	5.5
57.5°	9.1	11.2	20.0	21.0	16.1	10.9	23.9	26.6	22.0	13.8	19.9
55°	19.0	26.7	33.8	33.4	33.6	42.3	49.7	48.8	43.0	59.3	74.7
52.5°	36.0	44.0	48.8	53.1	65.2	73.2	75.6	80.1	97.0	117.2	120.8
50°	52.9	61.2	67.4	83.1	95.5	101.9	107.7	123.2	148.7	162.6	164.8
47.5°	70.0	79.2	95.5	112.7	124.7	134.3	144.5	179.6	208.1	219.9	224.2
45°	87.8	103.8	124.1	141.8	155.7	168.6	201.9	249.8	269.9	288.0	334.1
42.5°	106.3	130.3	153.2	171.8	187.4	214.5	260.8	307.3	336.1	374.5	430.1
40°	129.9	156.8	183.3	202.2	221.7	262.8	320.2	369.4	399.8	451.4	514.8
37.5°	153.8	185.3	214.0	233.8	261.2	316.9	384.4	443.3	480.9	523.0	624.8
35°	177.5	214.4	243.7	270.4	304.3	381.1	464.2	529.7	576.3	648.3	777.1
32.5°	202.7	244.0	274.0	310.3	366.0	451.8	553.9	626.7	703.9	807.4	1013.8
30°	229.6	271.7	306.2	349.8	424.5	524.7	643.2	734.6	839.4	1007.6	1230.0
27.5°	256.4	299.3	341.8	397.3	479.4	587.6	711.3	855.5	990.9	1178.9	1422.1
25°	282.1	327.4	376.7	443.8	532.5	645.8	780.9	947.2	1123.9	1339.0	1624.6
22.5°	306.7	356.0	413.7	485.8	577.4	701.2	862.2	1057.5	1269.8	1492.7	1820.9
20°	330.8	387.9	454.1	534.8	618.8	752.1	941.7	1178.2	1444.3	1749.6	2071.2
17.5°	354.6	419.4	495.9	585.6	687.2	823.8	1023.2	1304.8	1628.7	2026.0	2422.0
15°	378.0	450.3	536.3	635.7	756.3	919.5	1146.0	1455.5	1846.8	2322.6	2791.7
12.5°	400.6	480.3	575.0	684.7	823.4	1009.6	1261.8	1595.7	2044.1	2612.5	3188.7
10°	422.2	509.0	611.8	731.9	887.5	1093.5	1364.1	1716.9	2192.8	2778.7	3419.5
7.5°	433.3	528.5	643.2	776.9	948.1	1170.5	1453.2	1819.4	2309.1	2912.3	3554.9
5°	441.2	537.4	655.0	794.8	981.4	1222.9	1521.3	1903.2	2394.8	3012.8	3646.5
2.5°	447.3	543.9	663.6	805.0	994.5	1240.3	1543.8	1932.4	2440.7	3065.3	3699.9
0°	451.5	547.8	668.9	810.8	1001.3	1248.8	1554.2	1944.6	2460.2	3077.4	3719.3
-2.5°	455.9	553.1	674.5	819.8	1010.8	1260.3	1565.6	1953.2	2474.8	3080.7	3729.9
-5°	458.5	556.0	676.7	824.2	1013.8	1262.4	1564.8	1945.0	2463.2	3056.6	3707.1
-7.5°	459.2	556.3	675.5	823.3	1009.9	1252.6	1548.3	1920.7	2423.0	3007.6	3651.1
-10°	458.1	553.8	671.0	815.8	998.6	1232.3	1518.7	1878.6	2357.0	2926.8	3556.5
-12.5°	454.7	548.7	663.0	803.6	980.3	1203.4	1477.0	1818.7	2265.4	2814.5	3423.1
-15°	449.3	541.0	651.5	786.7	955.0	1166.1	1423.5	1740.8	2147.4	2671.7	3257.1
-17.5°	441.9	530.7	636.4	765.2	922.7	1120.9	1358.7	1649.7	2020.1	2512.4	3072.5
-20°	432.5	518.0	617.7	739.1	885.5	1073.3	1298.6	1569.0	1901.0	2330.0	2854.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627052 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-740-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°	421.0	502.8	597.9	714.0	852.5	1023.9	1231.5	1477.5	1767.3	2119.1	2616.9
-25°	409.3	488.2	578.7	686.2	814.8	967.9	1154.6	1378.8	1641.3	1963.2	2374.8
-27.5°	397.6	471.5	556.5	654.0	772.6	910.1	1082.4	1286.8	1520.6	1794.4	2129.6
-30°	384.5	452.8	532.0	620.4	732.1	859.7	1008.6	1183.8	1391.8	1639.1	1930.5
-32.5°	370.2	432.8	508.3	591.2	688.7	804.9	933.7	1092.1	1273.1	1477.1	1728.9
-35°	355.9	415.6	484.0	559.8	642.2	751.0	869.3	1000.7	1154.6	1335.3	1536.7
-37.5°	342.3	397.0	457.9	528.7	605.9	696.2	800.8	919.4	1051.9	1195.7	1369.6
-40°	327.0	376.8	434.5	498.5	566.8	645.2	739.4	840.1	954.1	1080.7	1215.0
-42.5°	310.4	358.3	410.9	466.1	528.8	598.7	676.9	769.0	863.7	969.7	1087.0
-45°	294.1	338.1	386.3	436.6	489.4	551.2	622.2	698.8	782.8	869.3	967.8
-47.5°	277.0	317.1	362.0	405.9	452.6	505.4	565.6	635.1	705.2	782.2	858.6
-50°	259.9	297.5	335.2	376.2	418.0	461.9	512.9	572.8	636.6	700.5	767.8
-52.5°	244.5	277.2	311.2	346.3	384.4	423.5	465.9	515.4	571.1	627.4	685.4
-55°	228.9	258.9	287.1	318.5	351.5	386.6	424.4	466.1	508.2	559.5	609.3
-57.5°	213.5	240.2	264.7	291.5	320.8	350.7	384.8	420.1	458.3	497.1	537.9
-60°	198.2	220.8	243.0	266.3	290.9	317.4	344.8	375.9	408.6	442.3	477.7
-62.5°	182.3	200.7	220.2	241.5	263.2	283.6	306.6	332.0	359.0	387.9	417.8
-65°	164.6	179.8	196.1	214.6	234.9	251.4	269.0	288.1	310.5	334.3	357.8
-67.5°	145.6	159.1	172.4	186.1	202.6	217.3	231.8	247.0	263.7	283.2	302.0
-70°	124.4	137.9	149.6	161.0	171.5	182.0	194.3	206.3	219.8	237.2	254.4
-72.5°	103.0	115.6	126.7	136.4	143.7	150.0	157.6	166.3	179.2	195.4	210.5
-75°	83.3	93.4	103.8	113.1	117.9	119.8	121.3	125.9	139.0	155.6	170.3
-77.5°	64.9	73.7	82.2	90.3	93.6	94.9	95.6	95.6	105.2	119.4	134.3
-80°	47.8	53.9	61.1	68.0	70.1	70.7	70.8	70.4	78.2	88.4	99.3
-82.5°	33.2	37.6	42.2	46.9	47.5	47.2	46.5	45.8	52.2	59.6	67.1
-85°	19.3	21.2	24.0	26.8	27.2	27.0	26.6	25.7	29.3	33.3	37.5
-87.5°	9.7	10.6	11.5	12.4	12.1	11.6	11.0	10.3	11.3	12.3	13.3
-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: P627052 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-740-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°	0.8	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.0	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.0	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.0	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.0	0.8	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.0	0.8	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.0	0.9	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.5	0.5	0.5	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.0	1.0	0.7	0.5	0.2	0.2	0.2	0.2	0.1	0.0	0.0
62.5°	1.3	1.3	0.9	0.8	0.9	1.0	0.8	0.7	0.7	0.7	0.8
60°	5.8	3.3	3.4	4.3	3.7	1.7	3.4	4.3	4.0	3.0	2.6
57.5°	29.7	24.9	17.4	29.1	30.0	20.9	22.7	29.6	28.7	22.2	22.1
55°	74.9	76.0	81.6	88.9	94.4	96.9	99.1	110.3	122.2	133.8	139.7
52.5°	123.7	138.2	156.1	168.0	176.4	193.4	217.3	228.3	238.9	251.0	259.8
50°	182.2	207.3	225.4	228.0	256.4	274.8	279.1	299.7	322.1	336.0	346.0
47.5°	271.0	302.8	318.5	328.6	363.1	401.0	401.1	412.9	469.0	498.3	512.4
45°	390.4	416.9	444.7	517.0	583.5	604.7	649.8	711.0	750.8	805.5	865.7
42.5°	492.0	541.8	611.5	691.1	757.9	813.4	880.4	954.0	1042.3	1125.4	1197.1
40°	592.5	654.1	740.5	827.2	911.2	988.1	1096.2	1190.8	1295.1	1409.4	1504.6
37.5°	723.7	802.6	891.9	1001.2	1131.9	1217.3	1366.1	1501.9	1619.3	1757.4	1842.4
35°	925.3	1028.1	1107.2	1328.1	1487.1	1586.9	1763.0	1986.4	2072.1	2245.9	2328.4
32.5°	1178.7	1315.4	1523.4	1815.9	2028.2	2212.0	2475.2	2701.9	2895.1	3069.6	3251.2
30°	1463.5	1674.4	1981.0	2369.6	2585.2	2842.7	3198.7	3467.5	3770.4	4102.9	4219.5
27.5°	1721.9	2037.8	2393.7	2708.5	3018.2	3338.9	3688.7	4033.9	4361.9	4638.6	4824.3
25°	1961.4	2343.9	2689.8	3026.3	3361.8	3723.0	4118.6	4510.2	4871.0	5155.8	5372.3
22.5°	2208.4	2612.5	2982.6	3324.0	3714.3	4123.5	4544.3	4993.4	5404.1	5699.5	5935.3
20°	2440.6	2890.1	3312.3	3700.9	4069.9	4542.3	5026.9	5503.3	5950.5	6302.3	6574.3
17.5°	2809.3	3199.5	3715.5	4220.3	4636.0	5069.9	5717.4	6209.1	6705.3	7126.8	7415.0
15°	3262.0	3691.1	4223.9	4917.2	5486.7	5984.0	6652.9	7452.7	8038.0	8576.0	8945.1
12.5°	3715.1	4200.5	4776.7	5557.0	6367.8	6953.5	7765.1	8778.6	9460.4	10293.3	10703.9
10°	4062.4	4671.8	5265.3	5977.3	6756.0	7590.1	8464.9	9413.2	10324.1	11039.4	11678.7
7.5°	4202.2	4851.4	5538.3	6264.8	7043.5	7904.4	8836.7	9823.4	10760.9	11559.8	12262.4
5°	4306.7	4971.9	5663.3	6406.2	7238.6	8137.6	9083.8	10119.7	11077.2	11933.4	12652.2
2.5°	4373.1	5044.5	5733.0	6488.3	7363.8	8289.4	9266.1	10329.4	11301.3	12182.7	12899.2
0°	4398.6	5060.2	5765.4	6543.0	7409.7	8337.4	9356.3	10432.2	11411.7	12263.9	13001.1
-2.5°	4402.1	5045.6	5767.5	6541.3	7370.6	8307.0	9338.2	10405.1	11364.7	12213.5	12957.3
-5°	4367.5	5010.8	5733.4	6495.5	7325.8	8255.2	9242.2	10273.1	11188.4	12014.4	12730.5
-7.5°	4297.5	4939.0	5645.5	6390.2	7198.2	8099.7	9047.6	10006.1	10903.9	11696.2	12379.7
-10°	4193.5	4821.5	5503.6	6229.2	6993.7	7851.2	8755.1	9670.9	10512.8	11245.5	11877.5
-12.5°	4052.8	4666.3	5317.6	6010.3	6722.0	7539.5	8393.0	9252.9	10020.4	10689.2	11256.3
-15°	3870.0	4469.2	5099.9	5754.9	6445.1	7184.4	7950.3	8739.1	9446.9	10040.1	10558.1
-17.5°	3654.7	4235.8	4834.8	5442.0	6096.9	6790.5	7501.5	8209.5	8813.2	9340.1	9813.8
-20°	3414.6	3974.5	4543.5	5109.6	5703.7	6345.2	7001.9	7623.8	8151.3	8630.1	9063.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627052 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-740-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°	3145.4	3681.4	4226.7	4756.5	5292.3	5873.1	6459.5	7022.0	7515.4	7925.0	8301.7
-25°	2857.3	3352.5	3867.5	4364.2	4857.3	5377.8	5910.5	6428.0	6862.2	7217.9	7529.1
-27.5°	2567.0	3019.5	3473.2	3940.8	4396.6	4876.9	5359.2	5806.2	6196.1	6523.5	6785.0
-30°	2261.8	2666.3	3080.7	3503.8	3939.0	4378.5	4814.3	5205.7	5546.0	5834.0	6060.0
-32.5°	2008.1	2315.5	2681.3	3065.4	3473.4	3873.9	4252.9	4609.6	4930.4	5181.8	5373.5
-35°	1765.0	2025.3	2299.3	2639.3	2989.8	3358.3	3707.0	4025.4	4311.2	4530.9	4711.3
-37.5°	1556.1	1761.9	1993.6	2236.3	2530.2	2834.9	3149.6	3449.0	3703.9	3895.6	4056.6
-40°	1375.2	1537.7	1722.8	1915.3	2131.5	2350.3	2624.4	2877.1	3085.1	3264.3	3410.2
-42.5°	1211.7	1348.8	1485.5	1643.4	1806.5	1982.5	2174.8	2361.7	2521.4	2671.3	2795.2
-45°	1070.6	1180.1	1289.1	1411.0	1530.7	1673.8	1811.2	1933.8	2063.2	2175.4	2263.8
-47.5°	947.1	1032.5	1125.9	1217.2	1313.3	1421.1	1523.3	1616.6	1711.4	1793.5	1859.4
-50°	837.4	908.2	984.5	1056.1	1133.9	1212.8	1288.4	1362.6	1434.6	1497.0	1545.7
-52.5°	741.4	803.2	862.6	919.7	981.6	1040.0	1094.7	1155.9	1212.3	1261.5	1294.7
-55°	659.6	710.1	758.8	806.5	853.3	897.5	941.1	988.7	1032.2	1071.3	1096.1
-57.5°	582.9	625.8	667.1	706.0	743.1	778.3	815.0	851.6	885.1	914.6	933.8
-60°	513.0	548.1	583.8	615.6	645.5	673.6	704.6	733.8	760.8	783.5	796.8
-62.5°	449.0	480.5	506.9	532.0	557.5	582.8	604.7	626.3	647.2	664.7	676.3
-65°	382.1	408.8	431.2	451.4	469.7	489.3	508.0	524.9	540.0	551.4	558.7
-67.5°	322.3	341.9	359.9	375.9	392.2	407.9	422.3	435.2	446.5	454.5	459.7
-70°	270.3	285.3	300.0	314.6	329.1	341.3	351.8	361.4	370.1	373.7	375.3
-72.5°	224.6	237.9	250.8	263.7	275.8	285.3	293.0	300.1	306.4	300.9	291.4
-75°	183.2	194.9	207.0	218.3	229.0	236.3	242.0	247.2	252.0	240.2	223.9
-77.5°	149.3	159.6	168.5	177.4	186.2	190.8	194.4	198.0	201.3	188.1	171.4
-80°	110.8	119.1	126.6	134.1	141.4	144.2	145.8	146.9	147.5	136.2	123.1
-82.5°	74.8	79.1	83.3	87.6	92.1	94.4	96.1	97.5	98.4	90.4	81.4
-85°	41.9	43.2	44.2	45.1	45.8	47.3	48.7	49.9	51.1	47.3	43.1
-87.5°	14.4	14.4	14.3	14.2	14.1	14.1	14.1	14.1	14.0	13.4	12.8
-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: P627052 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-740-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	0.2
62.5°	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.7	0.7	0.7
60°	2.0	1.2	1.0	1.0	1.0	1.2	2.0	2.6	3.0	4.0	4.3
57.5°	20.6	18.0	16.1	14.5	16.1	18.0	20.6	22.1	22.2	28.7	29.6
55°	137.2	127.7	116.1	102.5	116.1	127.7	137.2	139.7	133.8	122.2	110.3
52.5°	269.0	278.0	283.2	282.7	283.2	278.0	269.0	259.8	251.0	238.9	228.3
50°	354.1	358.9	359.2	355.2	359.2	358.9	354.1	346.0	336.0	322.1	299.7
47.5°	518.8	512.0	500.3	487.7	500.3	512.0	518.8	512.4	498.3	469.0	412.9
45°	905.3	927.0	925.6	897.7	925.6	927.0	905.3	865.7	805.5	750.8	711.0
42.5°	1237.2	1269.8	1292.9	1304.7	1292.9	1269.8	1237.2	1197.1	1125.4	1042.3	954.0
40°	1558.3	1589.8	1603.7	1602.9	1603.7	1589.8	1558.3	1504.6	1409.4	1295.1	1190.8
37.5°	1897.5	1938.3	1958.1	1948.7	1958.1	1938.3	1897.5	1842.4	1757.4	1619.3	1501.9
35°	2364.1	2402.3	2403.0	2383.6	2403.0	2402.3	2364.1	2328.4	2245.9	2072.1	1986.4
32.5°	3395.4	3408.2	3310.0	3275.1	3310.0	3408.2	3395.4	3251.2	3069.6	2895.1	2701.9
30°	4335.4	4426.0	4510.4	4552.9	4510.4	4426.0	4335.4	4219.5	4102.9	3770.4	3467.5
27.5°	4964.3	5073.3	5140.9	5145.2	5140.9	5073.3	4964.3	4824.3	4638.6	4361.9	4033.9
25°	5536.3	5658.2	5731.8	5757.1	5731.8	5658.2	5536.3	5372.3	5155.8	4871.0	4510.2
22.5°	6135.5	6279.2	6374.5	6393.9	6374.5	6279.2	6135.5	5935.3	5699.5	5404.1	4993.4
20°	6830.8	6998.0	7089.3	7085.6	7089.3	6998.0	6830.8	6574.3	6302.3	5950.5	5503.3
17.5°	7746.1	7925.5	8004.3	7969.9	8004.3	7925.5	7746.1	7415.0	7126.8	6705.3	6209.1
15°	9323.9	9699.2	9697.7	9547.9	9697.7	9699.2	9323.9	8945.1	8576.0	8038.0	7452.7
12.5°	11270.2	11549.8	11836.7	11898.4	11836.7	11549.8	11270.2	10703.9	10293.3	9460.4	8778.6
10°	12217.2	12588.5	12833.6	12827.2	12833.6	12588.5	12217.2	11678.7	11039.4	10324.1	9413.2
7.5°	12809.6	13219.9	13517.0	13510.6	13517.0	13219.9	12809.6	12262.4	11559.8	10760.9	9823.4
5°	13266.9	13721.9	13985.0	14004.5	13985.0	13721.9	13266.9	12652.2	11933.4	11077.2	10119.7
2.5°	13504.4	13979.4	14295.6	14254.0	14295.6	13979.4	13504.4	12899.2	12182.7	11301.3	10329.4
0°	13603.7	14073.8	14368.9	14496.3	14368.9	14073.8	13603.7	13001.1	12263.9	11411.7	10432.2
-2.5°	13560.3	14017.8	14343.9	14356.5	14343.9	14017.8	13560.3	12957.3	12213.5	11364.7	10405.1
-5°	13328.0	13810.7	14029.2	14145.3	14029.2	13810.7	13328.0	12730.5	12014.4	11188.4	10273.1
-7.5°	12953.3	13315.0	13592.6	13720.8	13592.6	13315.0	12953.3	12379.7	11696.2	10903.9	10006.1
-10°	12370.2	12744.7	12979.2	13085.0	12979.2	12744.7	12370.2	11877.5	11245.5	10512.8	9670.9
-12.5°	11724.2	12064.5	12287.5	12376.7	12287.5	12064.5	11724.2	11256.3	10689.2	10020.4	9252.9
-15°	11003.4	11312.4	11517.7	11603.3	11517.7	11312.4	11003.4	10558.1	10040.1	9446.9	8739.1
-17.5°	10210.0	10480.8	10685.3	10746.9	10685.3	10480.8	10210.0	9813.8	9340.1	8813.2	8209.5
-20°	9394.1	9638.9	9807.3	9844.0	9807.3	9638.9	9394.1	9063.6	8630.1	8151.3	7623.8



REPORT NUMBER: P627052 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-740-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°	8572.1	8773.7	8910.5	8956.6	8910.5	8773.7	8572.1	8301.7	7925.0	7515.4	7022.0
-25°	7768.7	7942.8	8052.9	8094.1	8052.9	7942.8	7768.7	7529.1	7217.9	6862.2	6428.0
-27.5°	6996.1	7158.3	7259.5	7273.0	7259.5	7158.3	6996.1	6785.0	6523.5	6196.1	5806.2
-30°	6235.8	6369.8	6447.8	6480.9	6447.8	6369.8	6235.8	6060.0	5834.0	5546.0	5205.7
-32.5°	5525.3	5642.4	5712.5	5731.2	5712.5	5642.4	5525.3	5373.5	5181.8	4930.4	4609.6
-35°	4854.6	4962.8	5024.9	5019.9	5024.9	4962.8	4854.6	4711.3	4530.9	4311.2	4025.4
-37.5°	4189.7	4289.5	4345.8	4340.6	4345.8	4289.5	4189.7	4056.6	3895.6	3703.9	3449.0
-40°	3530.2	3616.3	3665.9	3677.9	3665.9	3616.3	3530.2	3410.2	3264.3	3085.1	2877.1
-42.5°	2898.3	2977.7	3017.4	3001.8	3017.4	2977.7	2898.3	2795.2	2671.3	2521.4	2361.7
-45°	2325.6	2366.7	2393.7	2410.5	2393.7	2366.7	2325.6	2263.8	2175.4	2063.2	1933.8
-47.5°	1907.6	1941.6	1960.0	1963.2	1960.0	1941.6	1907.6	1859.4	1793.5	1711.4	1616.6
-50°	1583.4	1612.4	1625.2	1621.5	1625.2	1612.4	1583.4	1545.7	1497.0	1434.6	1362.6
-52.5°	1318.7	1335.5	1346.8	1352.3	1346.8	1335.5	1318.7	1294.7	1261.5	1212.3	1155.9
-55°	1114.7	1127.8	1135.4	1138.0	1135.4	1127.8	1114.7	1096.1	1071.3	1032.2	988.7
-57.5°	949.7	962.2	966.7	965.0	966.7	962.2	949.7	933.8	914.6	885.1	851.6
-60°	807.0	814.1	819.4	822.1	819.4	814.1	807.0	796.8	783.5	760.8	733.8
-62.5°	685.5	692.2	697.8	701.0	697.8	692.2	685.5	676.3	664.7	647.2	626.3
-65°	563.9	566.8	567.6	566.4	567.6	566.8	563.9	558.7	551.4	540.0	524.9
-67.5°	463.6	466.1	467.8	468.0	467.8	466.1	463.6	459.7	454.5	446.5	435.2
-70°	376.9	377.9	376.7	373.8	376.7	377.9	376.9	375.3	373.7	370.1	361.4
-72.5°	281.5	271.2	260.9	249.5	260.9	271.2	281.5	291.4	300.9	306.4	300.1
-75°	207.0	189.5	183.2	177.1	183.2	189.5	207.0	223.9	240.2	252.0	247.2
-77.5°	153.9	135.7	130.9	126.3	130.9	135.7	153.9	171.4	188.1	201.3	198.0
-80°	109.4	95.2	92.1	89.0	92.1	95.2	109.4	123.1	136.2	147.5	146.9
-82.5°	71.9	62.0	60.0	58.0	60.0	62.0	71.9	81.4	90.4	98.4	97.5
-85°	38.7	34.1	33.1	32.1	33.1	34.1	38.7	43.1	47.3	51.1	49.9
-87.5°	12.1	11.4	11.4	11.4	11.4	11.4	12.1	12.8	13.4	14.0	14.1
-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: P627052 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-740-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	0.2	0.4	0.6	0.8	0.8	0.8	0.7	0.7
85°	0.0	0.0	0.0	0.3	0.5	0.8	1.0	1.0	1.0	1.0	1.0
82.5°	0.0	0.0	0.0	0.3	0.5	0.8	1.0	1.0	1.0	1.0	1.0
80°	0.0	0.0	0.0	0.3	0.5	0.8	1.0	1.0	1.0	1.0	1.0
77.5°	0.0	0.0	0.1	0.3	0.6	0.8	1.0	1.0	1.0	1.0	1.0
75°	0.0	0.0	0.1	0.3	0.6	0.8	1.0	1.0	1.0	1.0	1.0
72.5°	0.0	0.0	0.1	0.3	0.6	0.9	1.0	1.0	1.0	1.0	1.0
70°	0.0	0.0	0.0	0.0	0.1	0.3	0.6	0.8	1.0	1.0	1.0
67.5°	0.0	0.0	0.2	0.4	0.5	0.5	0.5	0.5	0.8	1.0	1.0
65°	0.2	0.2	0.2	0.5	0.7	1.0	1.0	0.9	0.9	1.1	1.0
62.5°	0.8	1.0	0.9	0.8	0.9	1.3	1.3	1.4	1.3	1.6	2.3
60°	3.4	1.7	3.7	4.3	3.4	3.3	5.8	5.5	2.1	7.7	9.4
57.5°	22.7	20.9	30.0	29.1	17.4	24.9	29.7	19.9	13.8	22.0	26.6
55°	99.1	96.9	94.4	88.9	81.6	76.0	74.9	74.7	59.3	43.0	48.8
52.5°	217.3	193.4	176.4	168.0	156.1	138.2	123.7	120.8	117.2	97.0	80.1
50°	279.1	274.8	256.4	228.0	225.4	207.3	182.2	164.8	162.6	148.7	123.2
47.5°	401.1	401.0	363.1	328.6	318.5	302.8	271.0	224.2	219.9	208.1	179.6
45°	649.8	604.7	583.5	517.0	444.7	416.9	390.4	334.1	288.0	269.9	249.8
42.5°	880.4	813.4	757.9	691.1	611.5	541.8	492.0	430.1	374.5	336.1	307.3
40°	1096.2	988.1	911.2	827.2	740.5	654.1	592.5	514.8	451.4	399.8	369.4
37.5°	1366.1	1217.3	1131.9	1001.2	891.9	802.6	723.7	624.8	523.0	480.9	443.3
35°	1763.0	1586.9	1487.1	1328.1	1107.2	1028.1	925.3	777.1	648.3	576.3	529.7
32.5°	2475.2	2212.0	2028.2	1815.9	1523.4	1315.4	1178.7	1013.8	807.4	703.9	626.7
30°	3198.7	2842.7	2585.2	2369.6	1981.0	1674.4	1463.5	1230.0	1007.6	839.4	734.6
27.5°	3688.7	3338.9	3018.2	2708.5	2393.7	2037.8	1721.9	1422.1	1178.9	990.9	855.5
25°	4118.6	3723.0	3361.8	3026.3	2689.8	2343.9	1961.4	1624.6	1339.0	1123.9	947.2
22.5°	4544.3	4123.5	3714.3	3324.0	2982.6	2612.5	2208.4	1820.9	1492.7	1269.8	1057.5
20°	5026.9	4542.3	4069.9	3700.9	3312.3	2890.1	2440.6	2071.2	1749.6	1444.3	1178.2
17.5°	5717.4	5069.9	4636.0	4220.3	3715.5	3199.5	2809.3	2422.0	2026.0	1628.7	1304.8
15°	6652.9	5984.0	5486.7	4917.2	4223.9	3691.1	3262.0	2791.7	2322.6	1846.8	1455.5
12.5°	7765.1	6953.5	6367.8	5557.0	4776.7	4200.5	3715.1	3188.7	2612.5	2044.1	1595.7
10°	8464.9	7590.1	6756.0	5977.3	5265.3	4671.8	4062.4	3419.5	2778.7	2192.8	1716.9
7.5°	8836.7	7904.4	7043.5	6264.8	5538.3	4851.4	4202.2	3554.9	2912.3	2309.1	1819.4
5°	9083.8	8137.6	7238.6	6406.2	5663.3	4971.9	4306.7	3646.5	3012.8	2394.8	1903.2
2.5°	9266.1	8289.4	7363.8	6488.3	5733.0	5044.5	4373.1	3699.9	3065.3	2440.7	1932.4
0°	9356.3	8337.4	7409.7	6543.0	5765.4	5060.2	4398.6	3719.3	3077.4	2460.2	1944.6
-2.5°	9338.2	8307.0	7370.6	6541.3	5767.5	5045.6	4402.1	3729.9	3080.7	2474.8	1953.2
-5°	9242.2	8255.2	7325.8	6495.5	5733.4	5010.8	4367.5	3707.1	3056.6	2463.2	1945.0
-7.5°	9047.6	8099.7	7198.2	6390.2	5645.5	4939.0	4297.5	3651.1	3007.6	2423.0	1920.7
-10°	8755.1	7851.2	6993.7	6229.2	5503.6	4821.5	4193.5	3556.5	2926.8	2357.0	1878.6
-12.5°	8393.0	7539.5	6722.0	6010.3	5317.6	4666.3	4052.8	3423.1	2814.5	2265.4	1818.7
-15°	7950.3	7184.4	6445.1	5754.9	5099.9	4469.2	3870.0	3257.1	2671.7	2147.4	1740.8
-17.5°	7501.5	6790.5	6096.9	5442.0	4834.8	4235.8	3654.7	3072.5	2512.4	2020.1	1649.7
-20°	7001.9	6345.2	5703.7	5109.6	4543.5	3974.5	3414.6	2854.7	2330.0	1901.0	1569.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627052 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-740-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°	6459.5	5873.1	5292.3	4756.5	4226.7	3681.4	3145.4	2616.9	2119.1	1767.3	1477.5
-25°	5910.5	5377.8	4857.3	4364.2	3867.5	3352.5	2857.3	2374.8	1963.2	1641.3	1378.8
-27.5°	5359.2	4876.9	4396.6	3940.8	3473.2	3019.5	2567.0	2129.6	1794.4	1520.6	1286.8
-30°	4814.3	4378.5	3939.0	3503.8	3080.7	2666.3	2261.8	1930.5	1639.1	1391.8	1183.8
-32.5°	4252.9	3873.9	3473.4	3065.4	2681.3	2315.5	2008.1	1728.9	1477.1	1273.1	1092.1
-35°	3707.0	3358.3	2989.8	2639.3	2299.3	2025.3	1765.0	1536.7	1335.3	1154.6	1000.7
-37.5°	3149.6	2834.9	2530.2	2236.3	1993.6	1761.9	1556.1	1369.6	1195.7	1051.9	919.4
-40°	2624.4	2350.3	2131.5	1915.3	1722.8	1537.7	1375.2	1215.0	1080.7	954.1	840.1
-42.5°	2174.8	1982.5	1806.5	1643.4	1485.5	1348.8	1211.7	1087.0	969.7	863.7	769.0
-45°	1811.2	1673.8	1530.7	1411.0	1289.1	1180.1	1070.6	967.8	869.3	782.8	698.8
-47.5°	1523.3	1421.1	1313.3	1217.2	1125.9	1032.5	947.1	858.6	782.2	705.2	635.1
-50°	1288.4	1212.8	1133.9	1056.1	984.5	908.2	837.4	767.8	700.5	636.6	572.8
-52.5°	1094.7	1040.0	981.6	919.7	862.6	803.2	741.4	685.4	627.4	571.1	515.4
-55°	941.1	897.5	853.3	806.5	758.8	710.1	659.6	609.3	559.5	508.2	466.1
-57.5°	815.0	778.3	743.1	706.0	667.1	625.8	582.9	537.9	497.1	458.3	420.1
-60°	704.6	673.6	645.5	615.6	583.8	548.1	513.0	477.7	442.3	408.6	375.9
-62.5°	604.7	582.8	557.5	532.0	506.9	480.5	449.0	417.8	387.9	359.0	332.0
-65°	508.0	489.3	469.7	451.4	431.2	408.8	382.1	357.8	334.3	310.5	288.1
-67.5°	422.3	407.9	392.2	375.9	359.9	341.9	322.3	302.0	283.2	263.7	247.0
-70°	351.8	341.3	329.1	314.6	300.0	285.3	270.3	254.4	237.2	219.8	206.3
-72.5°	293.0	285.3	275.8	263.7	250.8	237.9	224.6	210.5	195.4	179.2	166.3
-75°	242.0	236.3	229.0	218.3	207.0	194.9	183.2	170.3	155.6	139.0	125.9
-77.5°	194.4	190.8	186.2	177.4	168.5	159.6	149.3	134.3	119.4	105.2	95.6
-80°	145.8	144.2	141.4	134.1	126.6	119.1	110.8	99.3	88.4	78.2	70.4
-82.5°	96.1	94.4	92.1	87.6	83.3	79.1	74.8	67.1	59.6	52.2	45.8
-85°	48.7	47.3	45.8	45.1	44.2	43.2	41.9	37.5	33.3	29.3	25.7
-87.5°	14.1	14.1	14.1	14.2	14.3	14.4	14.4	13.3	12.3	11.3	10.3
-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: P627052 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-740-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°	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.3	0.3
85°	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.8	0.7	0.6
82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
80°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
77.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
72.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
70°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0
67.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.3	1.0	1.0
65°	1.0	1.0	1.1	1.5	1.4	1.0	1.0	2.0	1.7	1.5	1.0
62.5°	2.0	1.0	2.7	3.6	2.3	1.8	1.5	4.3	2.8	1.9	1.4
60°	4.7	3.8	7.2	11.0	7.9	3.1	4.5	7.4	6.8	2.5	1.9
57.5°	23.9	10.9	16.1	21.0	20.0	11.2	9.1	12.7	11.5	6.7	2.7
55°	49.7	42.3	33.6	33.4	33.8	26.7	19.0	19.7	17.4	12.4	3.9
52.5°	75.6	73.2	65.2	53.1	48.8	44.0	36.0	27.8	25.9	18.5	9.7
50°	107.7	101.9	95.5	83.1	67.4	61.2	52.9	42.5	35.2	25.9	16.1
47.5°	144.5	134.3	124.7	112.7	95.5	79.2	70.0	57.7	45.5	35.5	22.6
45°	201.9	168.6	155.7	141.8	124.1	103.8	87.8	72.7	58.9	45.2	29.0
42.5°	260.8	214.5	187.4	171.8	153.2	130.3	106.3	89.4	72.2	54.8	36.7
40°	320.2	262.8	221.7	202.2	183.3	156.8	129.9	106.7	85.1	64.8	45.0
37.5°	384.4	316.9	261.2	233.8	214.0	185.3	153.8	124.5	98.4	75.7	53.3
35°	464.2	381.1	304.3	270.4	243.7	214.4	177.5	143.8	114.4	86.6	61.4
32.5°	553.9	451.8	366.0	310.3	274.0	244.0	202.7	165.5	130.7	97.5	69.4
30°	643.2	524.7	424.5	349.8	306.2	271.7	229.6	187.4	147.4	108.4	77.5
27.5°	711.3	587.6	479.4	397.3	341.8	299.3	256.4	209.4	164.3	120.4	86.4
25°	780.9	645.8	532.5	443.8	376.7	327.4	282.1	231.4	182.4	134.3	95.2
22.5°	862.2	701.2	577.4	485.8	413.7	356.0	306.7	253.7	200.6	147.9	103.6
20°	941.7	752.1	618.8	534.8	454.1	387.9	330.8	274.9	218.5	161.4	111.8
17.5°	1023.2	823.8	687.2	585.6	495.9	419.4	354.6	295.0	235.9	174.5	119.7
15°	1146.0	919.5	756.3	635.7	536.3	450.3	378.0	314.0	252.6	187.2	126.7
12.5°	1261.8	1009.6	823.4	684.7	575.0	480.3	400.6	331.8	268.5	197.7	132.5
10°	1364.1	1093.5	887.5	731.9	611.8	509.0	422.2	345.7	278.0	206.0	137.8
7.5°	1453.2	1170.5	948.1	776.9	643.2	528.5	433.3	353.0	285.2	213.4	142.4
5°	1521.3	1222.9	981.4	794.8	655.0	537.4	441.2	358.9	290.9	219.7	146.3
2.5°	1543.8	1240.3	994.5	805.0	663.6	543.9	447.3	363.4	295.2	224.8	149.6
0°	1554.2	1248.8	1001.3	810.8	668.9	547.8	451.5	366.5	298.2	228.8	152.2
-2.5°	1565.6	1260.3	1010.8	819.8	674.5	553.1	455.9	371.4	302.5	233.3	156.6
-5°	1564.8	1262.4	1013.8	824.2	676.7	556.0	458.5	374.8	305.6	236.6	160.2
-7.5°	1548.3	1252.6	1009.9	823.3	675.5	556.3	459.2	376.9	307.5	238.6	163.1
-10°	1518.7	1232.3	998.6	815.8	671.0	553.8	458.1	377.5	308.3	239.5	165.2
-12.5°	1477.0	1203.4	980.3	803.6	663.0	548.7	454.7	375.8	307.8	239.3	166.3
-15°	1423.5	1166.1	955.0	786.7	651.5	541.0	449.3	372.1	305.1	237.5	166.6
-17.5°	1358.7	1120.9	922.7	765.2	636.4	530.7	441.9	367.1	301.5	234.5	166.2
-20°	1298.6	1073.3	885.5	739.1	617.7	518.0	432.5	360.6	297.0	230.6	165.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627052 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-740-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°	1231.5	1023.9	852.5	714.0	597.9	502.8	421.0	352.8	291.6	226.1	164.0
-25°	1154.6	967.9	814.8	686.2	578.7	488.2	409.3	343.6	285.4	220.9	161.8
-27.5°	1082.4	910.1	772.6	654.0	556.5	471.5	397.6	335.1	278.2	215.1	158.9
-30°	1008.6	859.7	732.1	620.4	532.0	452.8	384.5	326.0	270.1	210.0	155.4
-32.5°	933.7	804.9	688.7	591.2	508.3	432.8	370.2	316.2	261.7	205.0	152.5
-35°	869.3	751.0	642.2	559.8	484.0	415.6	355.9	305.9	252.9	199.4	149.3
-37.5°	800.8	696.2	605.9	528.7	457.9	397.0	342.3	293.7	244.0	193.0	145.5
-40°	739.4	645.2	566.8	498.5	434.5	376.8	327.0	280.6	235.6	186.1	141.0
-42.5°	676.9	598.7	528.8	466.1	410.9	358.3	310.4	266.7	224.8	179.6	135.8
-45°	622.2	551.2	489.4	436.6	386.3	338.1	294.1	252.3	213.2	172.9	130.5
-47.5°	565.6	505.4	452.6	405.9	362.0	317.1	277.0	238.9	201.2	165.5	125.0
-50°	512.9	461.9	418.0	376.2	335.2	297.5	259.9	225.2	190.2	155.8	118.8
-52.5°	465.9	423.5	384.4	346.3	311.2	277.2	244.5	211.2	178.7	146.1	112.0
-55°	424.4	386.6	351.5	318.5	287.1	258.9	228.9	198.0	166.8	136.1	104.7
-57.5°	384.8	350.7	320.8	291.5	264.7	240.2	213.5	184.4	154.8	125.6	98.2
-60°	344.8	317.4	290.9	266.3	243.0	220.8	198.2	170.3	142.4	114.9	90.4
-62.5°	306.6	283.6	263.2	241.5	220.2	200.7	182.3	155.8	129.4	104.2	81.7
-65°	269.0	251.4	234.9	214.6	196.1	179.8	164.6	140.7	115.8	92.9	72.6
-67.5°	231.8	217.3	202.6	186.1	172.4	159.1	145.6	124.0	101.3	80.9	63.4
-70°	194.3	182.0	171.5	161.0	149.6	137.9	124.4	106.1	86.2	69.6	53.9
-72.5°	157.6	150.0	143.7	136.4	126.7	115.6	103.0	87.9	72.5	57.9	44.1
-75°	121.3	119.8	117.9	113.1	103.8	93.4	83.3	71.8	58.5	45.9	36.0
-77.5°	95.6	94.9	93.6	90.3	82.2	73.7	64.9	55.2	45.1	36.5	28.3
-80°	70.8	70.7	70.1	68.0	61.1	53.9	47.8	41.6	34.2	27.1	20.4
-82.5°	46.5	47.2	47.5	46.9	42.2	37.6	33.2	28.8	23.1	17.7	13.7
-85°	26.6	27.0	27.2	26.8	24.0	21.2	19.3	17.4	14.4	11.6	9.2
-87.5°	11.0	11.6	12.1	12.4	11.5	10.6	9.7	8.7	7.2	5.8	4.6
-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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Scaled Data Report



REPORT NUMBER: P627052 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-740-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	0.2	0.2	0.1	0.1	0.0	0.0
85°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
82.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
80°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
77.5°	1.0	1.0	0.9	0.6	0.4	0.2	0.0
75°	1.0	1.0	1.0	0.8	0.5	0.3	0.0
72.5°	1.0	1.0	1.0	0.9	0.6	0.3	0.0
70°	1.0	1.0	1.0	1.0	0.7	0.3	0.0
67.5°	1.1	1.0	1.0	1.0	0.8	0.4	0.0
65°	1.2	1.1	1.0	1.0	0.8	0.4	0.0
62.5°	1.4	1.4	1.0	1.0	0.9	0.5	0.0
60°	1.6	1.6	1.0	1.0	1.0	0.5	0.0
57.5°	2.8	1.9	1.3	1.0	1.0	0.5	0.0
55°	4.3	2.2	1.6	1.0	1.0	0.6	0.0
52.5°	6.0	2.8	1.9	1.0	1.0	0.6	0.0
50°	7.9	4.6	2.3	1.0	1.1	0.6	0.0
47.5°	10.5	6.5	2.6	1.1	1.1	0.7	0.0
45°	16.1	8.6	3.0	1.4	1.1	0.7	0.0
42.5°	21.7	10.7	3.4	1.6	1.2	0.7	0.0
40°	27.3	13.0	4.5	2.0	1.2	0.8	0.0
37.5°	32.8	15.4	6.3	2.5	1.3	0.8	0.0
35°	38.3	19.1	8.1	2.9	1.3	0.8	0.0
32.5°	44.0	23.5	9.9	3.5	1.3	0.8	0.0
30°	50.5	27.7	11.7	4.0	1.4	0.9	0.0
27.5°	56.8	31.7	13.8	4.6	1.5	0.9	0.0
25°	62.8	35.7	15.9	5.2	1.5	0.9	0.0
22.5°	68.6	39.5	17.9	5.9	1.6	0.9	0.0
20°	74.1	43.2	19.9	6.5	1.6	0.9	0.0
17.5°	79.3	46.7	21.8	7.2	1.7	1.0	0.0
15°	83.9	50.0	23.6	7.8	1.8	1.0	0.0
12.5°	88.3	53.1	25.3	8.5	1.8	1.0	0.0
10°	92.2	55.8	26.9	9.1	1.9	1.0	0.0
7.5°	95.6	58.4	28.4	9.8	1.9	1.0	0.0
5°	98.7	60.6	29.8	10.3	2.0	1.0	0.0
2.5°	101.3	62.5	31.0	10.9	2.0	1.0	0.0
0°	103.5	64.2	32.1	11.4	2.1	1.0	0.0
-2.5°	106.3	66.2	33.6	12.1	2.4	1.1	0.0
-5°	108.7	67.9	34.9	12.8	2.7	1.1	0.0
-7.5°	110.5	69.3	36.0	13.4	3.0	1.2	0.0
-10°	111.8	70.3	36.9	13.9	3.3	1.3	0.0
-12.5°	112.6	71.0	37.6	14.4	3.6	1.3	0.0
-15°	112.9	71.3	38.0	14.7	3.8	1.4	0.0
-17.5°	112.5	71.3	38.2	15.0	4.1	1.4	0.0
-20°	112.2	70.9	38.2	15.2	4.3	1.4	0.0

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REPORT NUMBER: P627052 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	112.3	70.1	37.9	15.3	4.5	1.5	0.0
-25°	111.8	69.9	37.3	15.3	4.6	1.5	0.0
-27.5°	110.7	69.6	36.4	15.2	4.8	1.5	0.0
-30°	109.1	68.8	35.4	15.0	4.9	1.5	0.0
-32.5°	106.9	67.6	34.9	14.6	4.9	1.5	0.0
-35°	104.8	66.0	34.2	14.2	5.0	1.5	0.0
-37.5°	102.4	64.2	33.2	13.7	5.0	1.5	0.0
-40°	99.5	62.7	31.9	13.0	5.0	1.5	0.0
-42.5°	95.9	60.7	30.9	12.4	4.9	1.5	0.0
-45°	91.9	58.3	30.3	11.9	4.8	1.5	0.0
-47.5°	87.2	55.6	29.4	11.3	4.7	1.4	0.0
-50°	83.2	52.4	28.1	11.1	4.6	1.4	0.0
-52.5°	78.8	48.9	26.6	10.9	4.4	1.4	0.0
-55°	73.9	46.0	24.7	10.6	4.2	1.3	0.0
-57.5°	68.6	42.9	22.6	10.2	4.0	1.2	0.0
-60°	62.9	39.3	20.2	9.6	3.7	1.2	0.0
-62.5°	57.4	35.4	18.8	9.0	3.5	1.1	0.0
-65°	51.3	31.0	17.2	8.2	3.2	1.0	0.0
-67.5°	44.8	27.2	15.4	7.3	3.0	0.9	0.0
-70°	37.7	23.8	13.4	6.3	2.7	0.8	0.0
-72.5°	32.1	20.2	11.2	5.5	2.4	0.7	0.0
-75°	26.3	16.4	8.9	4.8	2.1	0.6	0.0
-77.5°	20.3	12.4	7.4	4.1	1.7	0.5	0.0
-80°	14.1	9.5	6.0	3.3	1.4	0.4	0.0
-82.5°	10.4	7.2	4.5	2.5	1.1	0.3	0.0
-85°	7.0	4.8	3.0	1.7	0.7	0.2	0.0
-87.5°	3.5	2.4	1.5	0.8	0.4	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)