

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: P626752 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-740-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626752 (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-SA1D-740-U-WR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

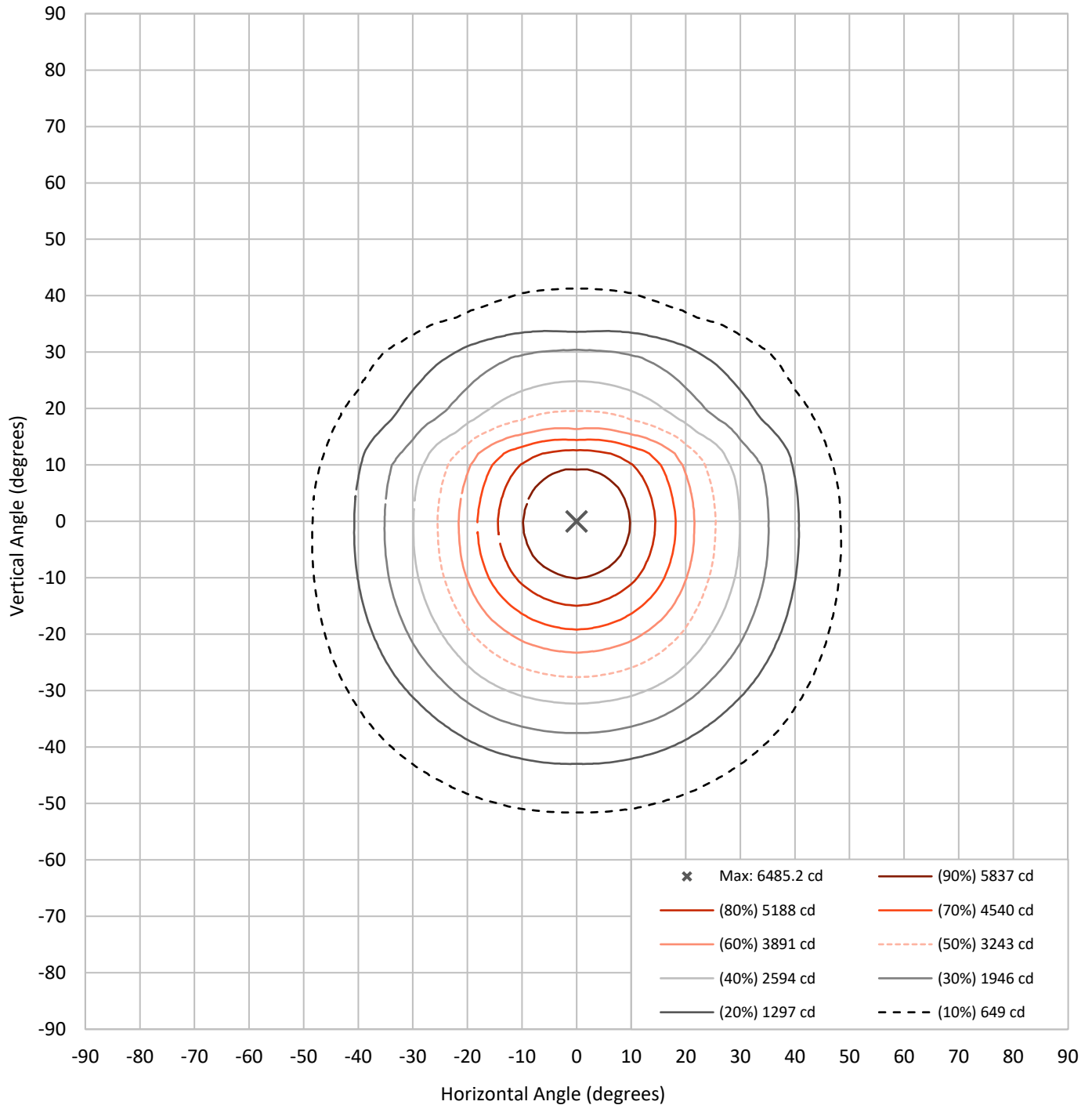
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	5721.4 lumens	Max Intensity:	6485.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	99.8 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' 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:	2754.6 lumens	Field Lumens:	5122.5 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	57.3		
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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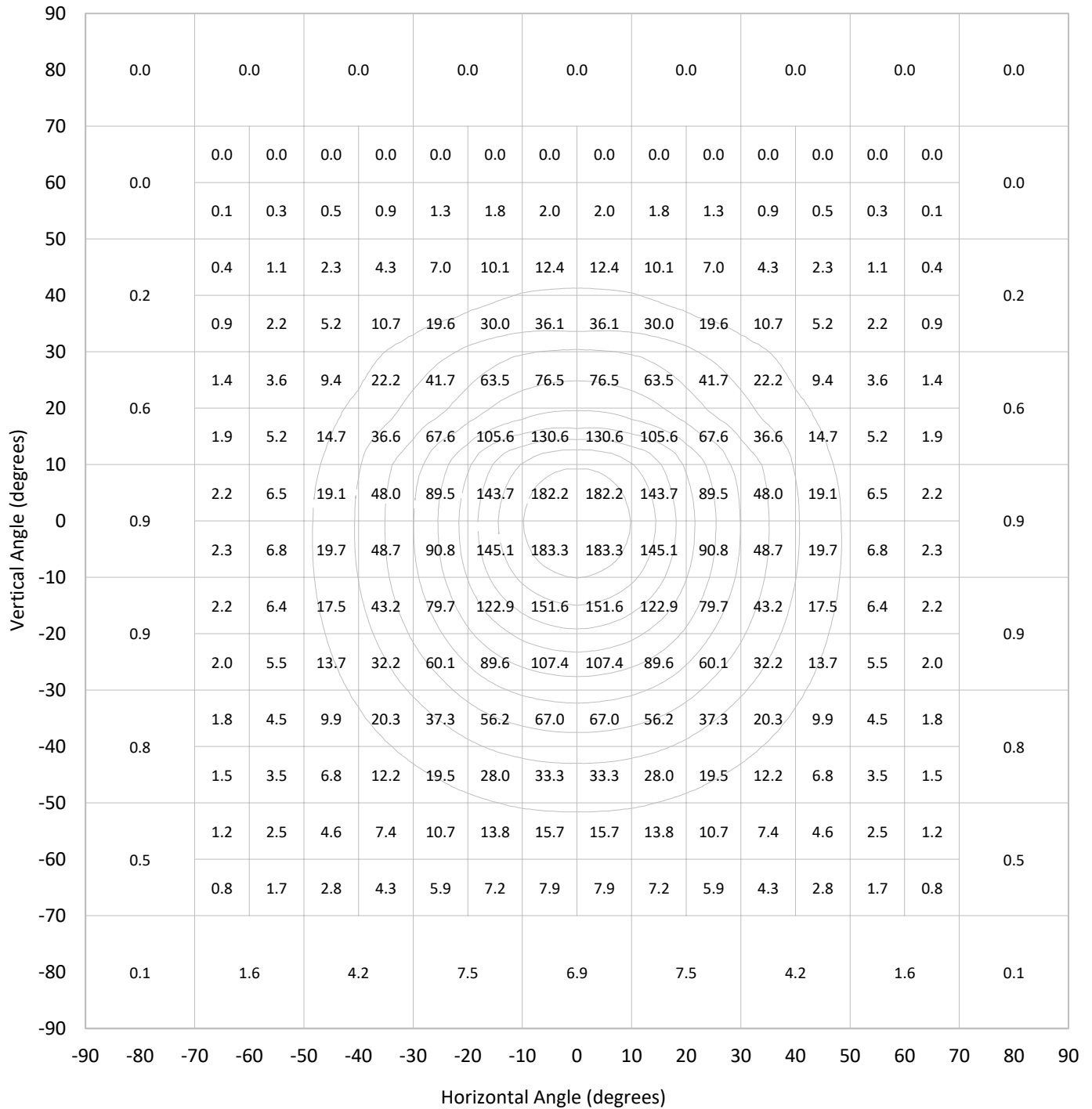
Iso-Candela Plot





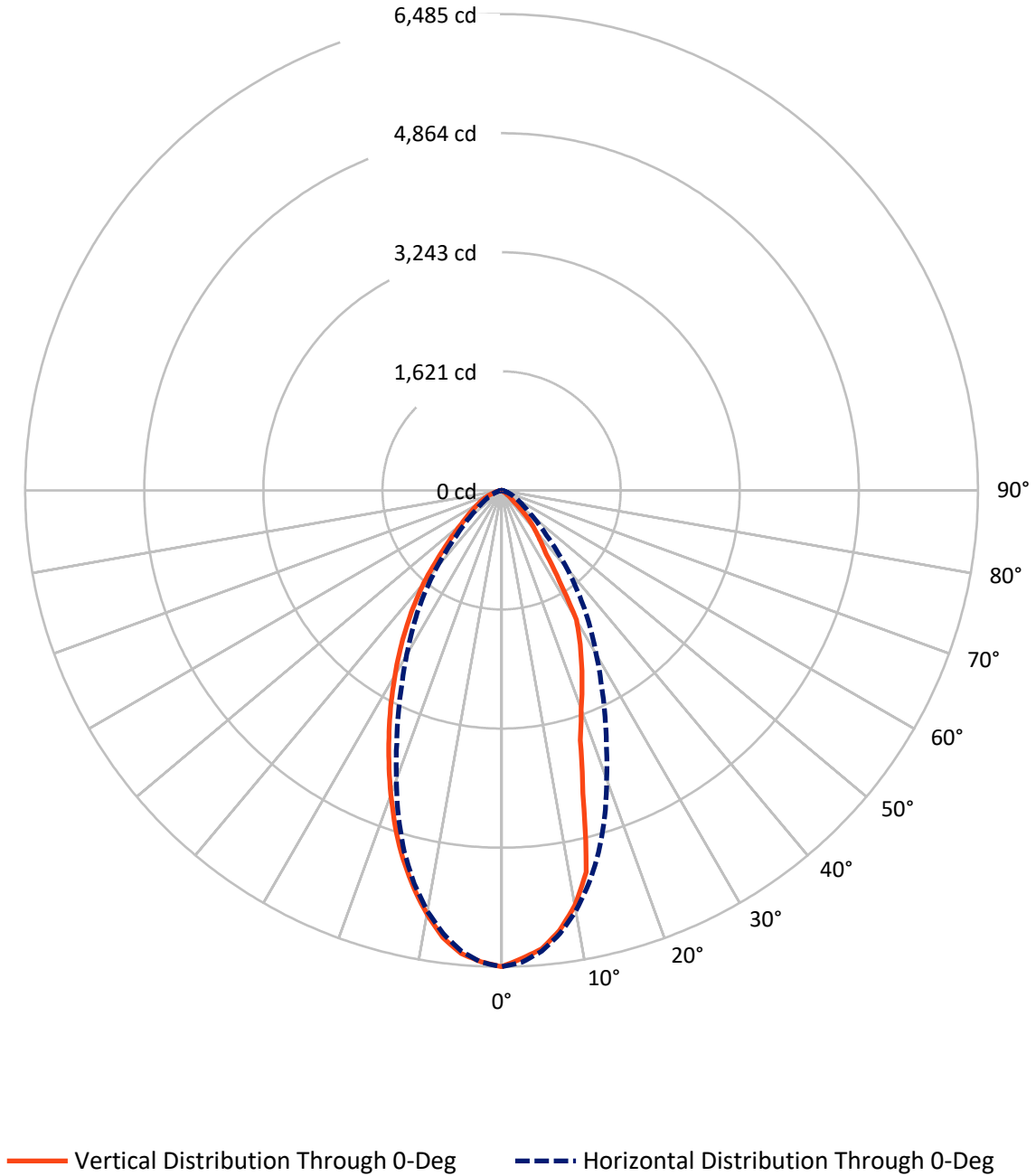
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Lumen Table



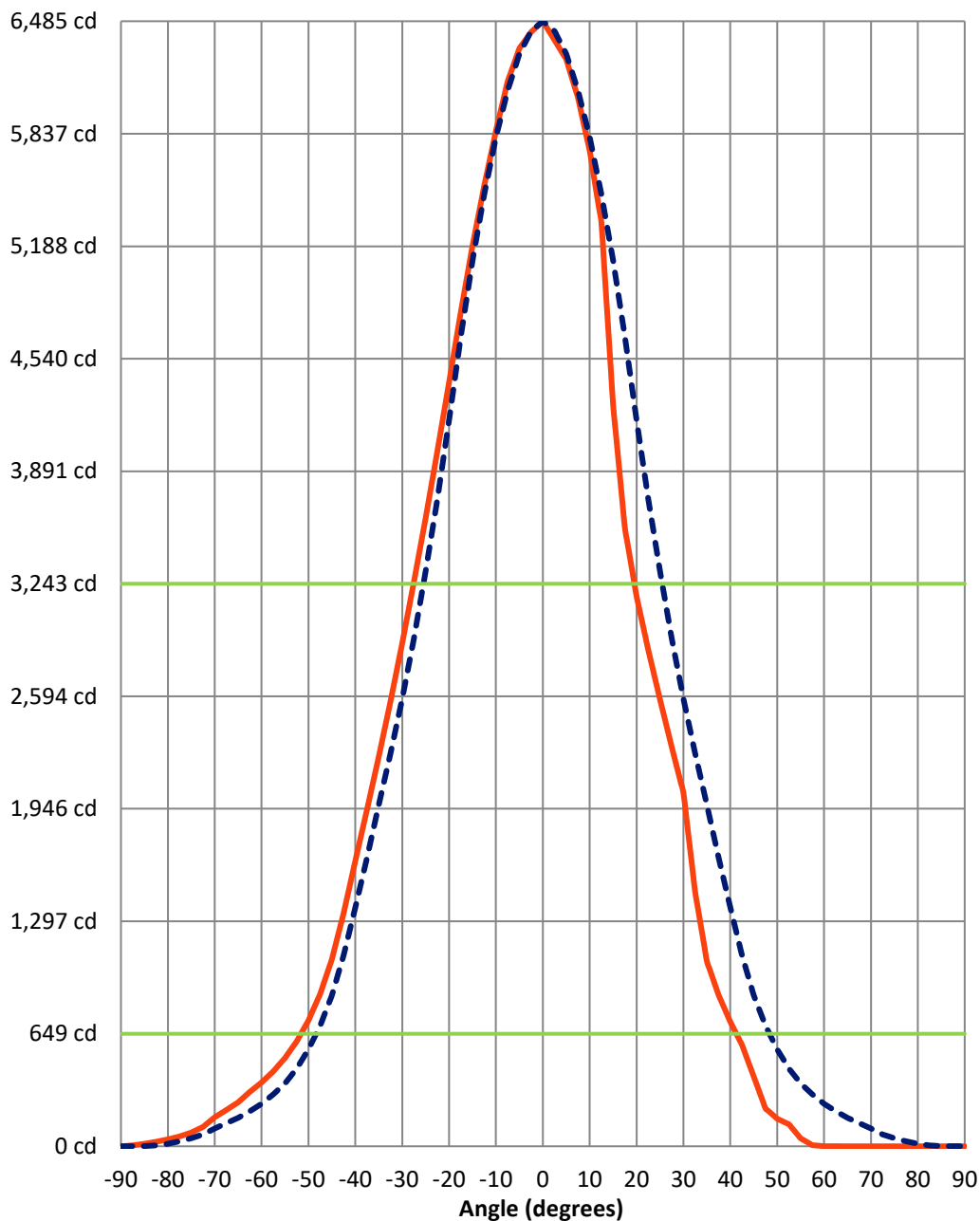
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 2754.6
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 5122.5
 Efficiency: 89.5%

Spill:
 Lumens: 598.8
 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	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
85°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
82.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.5	0.5	0.5
80°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.5	0.5	0.5
77.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5
75°	0.0	0.1	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
72.5°	0.0	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
70°	0.0	0.2	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
67.5°	0.0	0.2	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
65°	0.0	0.2	0.4	0.5	0.5	0.6	0.6	0.5	0.7	0.8	0.9
62.5°	0.0	0.2	0.5	0.5	0.5	0.7	0.7	0.7	0.9	1.3	2.0
60°	0.0	0.2	0.5	0.5	0.5	0.8	0.8	0.9	1.1	3.1	3.3
57.5°	0.0	0.3	0.5	0.5	0.6	0.9	1.3	1.2	3.0	5.2	5.7
55°	0.0	0.3	0.5	0.5	0.8	1.1	1.9	1.8	5.5	7.8	8.8
52.5°	0.0	0.3	0.5	0.5	0.9	1.3	2.7	4.4	8.3	11.6	12.5
50°	0.0	0.3	0.5	0.5	1.1	2.1	3.6	7.2	11.5	15.7	19.0
47.5°	0.0	0.3	0.5	0.5	1.2	3.0	4.7	10.1	15.8	20.3	25.8
45°	0.0	0.4	0.5	0.7	1.4	3.9	7.2	13.0	20.2	26.4	32.6
42.5°	0.0	0.4	0.6	0.8	1.6	4.8	9.7	16.4	24.5	32.3	40.0
40°	0.0	0.4	0.6	1.0	2.1	5.9	12.2	20.1	29.0	38.1	47.8
37.5°	0.0	0.4	0.6	1.2	2.9	6.9	14.7	23.8	33.9	44.1	55.7
35°	0.0	0.4	0.6	1.4	3.7	8.6	17.1	27.5	38.8	51.2	64.3
32.5°	0.0	0.4	0.6	1.6	4.5	10.5	19.7	31.0	43.6	58.5	74.1
30°	0.0	0.4	0.6	1.8	5.3	12.4	22.6	34.7	48.5	65.9	83.9
27.5°	0.0	0.4	0.7	2.1	6.2	14.2	25.4	38.7	53.9	73.5	93.7
25°	0.0	0.5	0.7	2.4	7.1	16.0	28.1	42.6	60.1	81.6	103.5
22.5°	0.0	0.5	0.7	2.7	8.1	17.7	30.7	46.4	66.2	89.7	113.5
20°	0.0	0.5	0.7	2.9	8.9	19.4	33.2	50.0	72.2	97.7	123.0
17.5°	0.0	0.5	0.8	3.2	9.8	20.9	35.4	53.5	78.0	105.5	132.0
15°	0.0	0.5	0.8	3.5	10.6	22.4	37.5	56.7	83.7	113.0	140.5
12.5°	0.0	0.5	0.8	3.8	11.4	23.7	39.5	59.3	88.4	120.1	148.5
10°	0.0	0.5	0.8	4.1	12.1	25.0	41.2	61.6	92.2	124.3	154.7
7.5°	0.0	0.5	0.8	4.4	12.8	26.1	42.8	63.7	95.5	127.6	158.0
5°	0.0	0.5	0.9	4.6	13.4	27.1	44.2	65.5	98.3	130.1	160.6
2.5°	0.0	0.5	0.9	4.9	13.9	28.0	45.3	66.9	100.6	132.1	162.6
0°	0.0	0.5	0.9	5.1	14.4	28.7	46.3	68.1	102.4	133.4	164.0
-2.5°	0.0	0.5	1.0	5.4	15.1	29.6	47.6	70.1	104.4	135.3	166.2
-5°	0.0	0.6	1.2	5.7	15.6	30.4	48.6	71.7	105.9	136.7	167.7
-7.5°	0.0	0.6	1.3	6.0	16.1	31.0	49.4	73.0	106.8	137.6	168.6
-10°	0.0	0.6	1.5	6.2	16.5	31.4	50.0	73.9	107.2	138.0	168.9
-12.5°	0.0	0.6	1.6	6.4	16.8	31.7	50.4	74.4	107.0	137.7	168.1
-15°	0.0	0.7	1.7	6.6	17.0	31.9	50.5	74.5	106.3	136.5	166.5
-17.5°	0.0	0.7	1.8	6.7	17.1	31.9	50.3	74.4	104.9	134.9	164.2
-20°	0.0	0.7	1.9	6.8	17.1	31.7	50.2	74.0	103.2	132.9	161.4

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CATALOG NUMBER: GFLD-SA1D-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	0.7	2.0	6.8	16.9	31.3	50.2	73.4	101.1	130.4	157.9
-25°	0.0	0.7	2.1	6.8	16.7	31.2	50.0	72.4	98.8	127.7	153.8
-27.5°	0.0	0.7	2.1	6.8	16.3	31.1	49.5	71.1	96.2	124.4	150.0
-30°	0.0	0.7	2.2	6.7	15.8	30.8	48.8	69.5	94.0	120.8	145.9
-32.5°	0.0	0.7	2.2	6.6	15.6	30.2	47.8	68.2	91.7	117.0	141.5
-35°	0.0	0.7	2.3	6.4	15.3	29.5	46.9	66.8	89.2	113.2	136.8
-37.5°	0.0	0.7	2.3	6.1	14.8	28.7	45.8	65.1	86.4	109.2	131.3
-40°	0.0	0.7	2.3	5.8	14.3	28.0	44.5	63.1	83.2	105.4	125.5
-42.5°	0.0	0.7	2.2	5.6	13.8	27.1	42.9	60.8	80.4	100.6	119.3
-45°	0.0	0.7	2.2	5.4	13.6	26.1	41.1	58.4	77.4	95.4	112.9
-47.5°	0.0	0.7	2.2	5.1	13.2	24.9	39.0	55.9	74.1	90.0	106.9
-50°	0.0	0.7	2.1	5.0	12.6	23.5	37.2	53.2	69.7	85.1	100.8
-52.5°	0.0	0.6	2.0	4.9	11.9	21.9	35.2	50.1	65.4	80.0	94.5
-55°	0.0	0.6	1.9	4.8	11.1	20.6	33.1	46.8	60.9	74.7	88.6
-57.5°	0.0	0.6	1.8	4.6	10.1	19.2	30.7	43.9	56.2	69.3	82.5
-60°	0.0	0.6	1.7	4.4	9.1	17.6	28.2	40.4	51.4	63.7	76.2
-62.5°	0.0	0.5	1.6	4.0	8.5	15.8	25.7	36.6	46.6	57.9	69.7
-65°	0.0	0.5	1.5	3.7	7.7	13.9	23.0	32.5	41.5	51.8	62.9
-67.5°	0.0	0.4	1.4	3.3	6.9	12.2	20.0	28.4	36.2	45.3	55.5
-70°	0.0	0.4	1.2	2.8	6.0	10.7	16.9	24.1	31.1	38.6	47.4
-72.5°	0.0	0.4	1.1	2.5	5.1	9.1	14.4	19.8	25.9	32.5	39.4
-75°	0.0	0.3	1.0	2.2	4.0	7.3	11.8	16.1	20.6	26.2	32.1
-77.5°	0.0	0.3	0.8	1.8	3.3	5.5	9.1	12.7	16.3	20.2	24.7
-80°	0.0	0.2	0.7	1.5	2.7	4.2	6.3	9.1	12.1	15.3	18.6
-82.5°	0.0	0.2	0.5	1.1	2.0	3.2	4.6	6.1	7.9	10.3	12.9
-85°	0.0	0.1	0.3	0.8	1.4	2.1	3.1	4.1	5.2	6.5	7.8
-87.5°	0.0	0.1	0.2	0.4	0.7	1.1	1.6	2.1	2.6	3.2	3.9
-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: P626752 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°
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°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
85°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
82.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
80°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
77.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
72.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
70°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4
67.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.3
65°	0.5	0.5	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.5	0.5
62.5°	0.7	0.9	1.1	1.7	1.2	0.5	0.9	1.1	0.7	0.6	0.6
60°	2.1	1.4	3.6	5.0	3.3	1.7	2.1	4.2	3.5	0.9	2.4
57.5°	4.1	5.1	9.0	9.4	7.2	4.9	10.7	11.9	9.8	6.2	8.9
55°	8.6	12.0	15.1	14.9	15.0	18.9	22.2	21.8	19.2	26.5	33.4
52.5°	16.2	19.7	21.8	23.7	29.2	32.8	33.8	35.8	43.4	52.4	54.1
50°	23.7	27.4	30.1	37.2	42.7	45.6	48.2	55.1	66.5	72.7	73.8
47.5°	31.3	35.4	42.7	50.4	55.8	60.1	64.7	80.4	93.1	98.4	100.3
45°	39.3	46.4	55.5	63.4	69.6	75.4	90.3	111.8	120.7	128.9	149.5
42.5°	47.5	58.3	68.5	76.8	83.8	96.0	116.7	137.5	150.3	167.6	192.4
40°	58.1	70.2	82.0	90.4	99.2	117.6	143.3	165.3	178.9	201.9	230.2
37.5°	68.8	82.9	95.7	104.6	116.9	141.8	171.9	198.3	215.2	233.9	279.5
35°	79.4	95.9	109.0	121.0	136.2	170.5	207.7	237.0	257.8	290.0	347.7
32.5°	90.7	109.1	122.6	138.8	163.7	202.1	247.8	280.4	314.9	361.2	453.6
30°	102.7	121.5	137.0	156.5	189.9	234.7	287.7	328.6	375.5	450.8	550.3
27.5°	114.7	133.9	152.9	177.8	214.4	262.9	318.2	382.7	443.3	527.4	636.2
25°	126.2	146.5	168.6	198.6	238.2	288.9	349.3	423.7	502.8	599.0	726.8
22.5°	137.2	159.3	185.1	217.3	258.3	313.6	385.7	473.1	568.1	667.8	814.6
20°	148.0	173.6	203.2	239.2	276.8	336.5	421.3	527.1	646.2	782.7	926.6
17.5°	158.7	187.7	221.9	261.9	307.4	368.5	457.7	583.8	728.6	906.4	1083.5
15°	169.1	201.5	239.9	284.4	338.3	411.4	512.7	651.2	826.2	1039.1	1248.9
12.5°	179.2	214.9	257.2	306.3	368.3	451.7	564.5	713.9	914.5	1168.8	1426.5
10°	188.9	227.8	273.7	327.4	397.1	489.2	610.3	768.1	981.0	1243.1	1529.8
7.5°	193.9	236.5	287.7	347.6	424.2	523.7	650.1	814.0	1033.0	1302.9	1590.3
5°	197.4	240.4	293.0	355.6	439.0	547.1	680.6	851.4	1071.3	1347.9	1631.3
2.5°	200.1	243.3	296.8	360.1	444.9	554.9	690.6	864.5	1091.9	1371.3	1655.2
0°	202.0	245.0	299.2	362.7	447.9	558.7	695.3	869.9	1100.6	1376.7	1663.9
-2.5°	204.0	247.4	301.7	366.7	452.2	563.8	700.4	873.8	1107.2	1378.2	1668.6
-5°	205.1	248.7	302.7	368.7	453.6	564.8	700.0	870.1	1102.0	1367.4	1658.4
-7.5°	205.4	248.8	302.1	368.3	451.9	560.4	692.6	859.2	1084.0	1345.5	1633.4
-10°	204.9	247.7	300.1	365.0	446.8	551.3	679.4	840.4	1054.5	1309.4	1591.0
-12.5°	203.4	245.4	296.6	359.5	438.6	538.3	660.8	813.6	1013.5	1259.1	1531.4
-15°	201.0	242.0	291.4	351.9	427.3	521.7	636.8	778.8	960.7	1195.3	1457.1
-17.5°	197.7	237.4	284.7	342.3	412.8	501.5	607.8	738.0	903.7	1124.0	1374.5
-20°	193.5	231.7	276.3	330.6	396.2	480.2	581.0	701.9	850.5	1042.4	1277.1

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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	188.3	224.9	267.5	319.4	381.4	458.1	550.9	661.0	790.7	948.1	1170.7
-25°	183.1	218.4	258.9	306.9	364.5	433.0	516.6	616.8	734.3	878.3	1062.4
-27.5°	177.9	210.9	249.0	292.6	345.6	407.2	484.2	575.6	680.3	802.8	952.7
-30°	172.0	202.6	238.0	277.5	327.5	384.6	451.3	529.6	622.6	733.3	863.7
-32.5°	165.7	193.6	227.4	264.5	308.1	360.1	417.7	488.6	569.5	660.8	773.5
-35°	159.3	185.9	216.5	250.4	287.3	335.9	388.9	447.7	516.6	597.4	687.5
-37.5°	153.1	177.6	204.9	236.5	271.0	311.4	358.2	411.3	470.6	534.9	612.8
-40°	146.3	168.6	194.4	223.0	253.5	288.6	330.8	375.8	426.9	483.5	543.6
-42.5°	138.8	160.3	183.8	208.5	236.5	267.8	302.8	344.0	386.4	433.8	486.3
-45°	131.6	151.2	172.8	195.3	218.9	246.5	278.3	312.6	350.2	388.9	433.0
-47.5°	123.9	141.8	161.9	181.6	202.5	226.1	253.0	284.1	315.5	349.9	384.1
-50°	116.3	133.1	149.9	168.3	187.0	206.6	229.4	256.3	284.8	313.4	343.5
-52.5°	109.4	124.0	139.2	154.9	172.0	189.4	208.4	230.6	255.5	280.7	306.6
-55°	102.4	115.8	128.4	142.5	157.3	173.0	189.9	208.5	227.3	250.3	272.6
-57.5°	95.6	107.5	118.4	130.4	143.5	156.9	172.1	187.9	205.0	222.4	240.7
-60°	88.7	98.8	108.7	119.1	130.1	142.0	154.3	168.2	182.8	197.9	213.7
-62.5°	81.6	89.8	98.5	108.1	117.7	126.9	137.2	148.5	160.6	173.5	186.9
-65°	73.6	80.4	87.7	96.0	105.1	112.5	120.4	128.9	138.9	149.5	160.1
-67.5°	65.1	71.1	77.1	83.3	90.7	97.3	103.7	110.5	118.0	126.7	135.1
-70°	55.7	61.7	66.9	72.0	76.7	81.5	87.0	92.3	98.3	106.1	113.8
-72.5°	46.1	51.7	56.6	60.9	64.3	67.1	70.5	74.4	80.2	87.4	94.2
-75°	37.3	41.8	46.5	50.6	52.7	53.6	54.3	56.4	62.2	69.6	76.2
-77.5°	29.0	33.0	36.8	40.4	41.9	42.5	42.8	42.8	47.1	53.4	60.0
-80°	21.4	24.2	27.4	30.5	31.4	31.6	31.7	31.5	35.0	39.5	44.4
-82.5°	14.9	16.8	18.9	21.0	21.3	21.1	20.8	20.5	23.3	26.6	30.0
-85°	8.7	9.5	10.7	12.0	12.2	12.1	11.9	11.5	13.1	14.9	16.8
-87.5°	4.3	4.7	5.2	5.6	5.4	5.2	4.9	4.6	5.0	5.5	6.0
-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: P626752 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.5	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.5	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.5	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.5	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.5	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.5	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.2	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.5	0.5	0.4	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0
62.5°	0.6	0.6	0.4	0.4	0.5	0.5	0.4	0.4	0.3	0.4	0.4
60°	2.6	1.5	1.6	2.0	1.7	0.8	1.5	2.0	1.8	1.4	1.2
57.5°	13.3	11.1	7.8	13.0	13.4	9.4	10.2	13.3	12.9	10.0	9.9
55°	33.5	34.0	36.5	39.8	42.2	43.3	44.3	49.3	54.7	59.9	62.5
52.5°	55.3	61.8	69.8	75.1	78.9	86.6	97.3	102.1	106.9	112.3	116.2
50°	81.5	92.7	100.8	102.0	114.7	123.0	124.9	134.1	144.1	150.3	154.8
47.5°	121.3	135.5	142.5	147.0	162.4	179.4	179.4	184.7	209.8	222.9	229.2
45°	174.7	186.5	198.9	231.3	261.1	270.5	290.7	318.1	335.9	360.4	387.3
42.5°	220.1	242.3	273.6	309.2	339.0	363.9	393.9	426.8	466.3	503.5	535.6
40°	265.1	292.6	331.3	370.0	407.6	442.0	490.4	532.7	579.4	630.5	673.1
37.5°	323.8	359.1	399.0	447.9	506.3	544.5	611.1	671.9	724.4	786.2	824.2
35°	414.0	460.0	495.3	594.1	665.2	709.9	788.7	888.7	927.0	1004.8	1041.7
32.5°	527.3	588.5	681.5	812.4	907.4	989.6	1107.3	1208.8	1295.2	1373.3	1454.5
30°	654.7	749.0	886.2	1060.1	1156.5	1271.7	1431.0	1551.2	1686.8	1835.6	1887.7
27.5°	770.3	911.6	1070.9	1211.7	1350.2	1493.7	1650.2	1804.6	1951.4	2075.2	2158.2
25°	877.4	1048.5	1203.3	1353.8	1504.0	1665.5	1842.6	2017.7	2179.2	2306.5	2403.4
22.5°	987.9	1168.7	1334.3	1487.1	1661.7	1844.7	2033.0	2233.9	2417.6	2549.8	2655.3
20°	1091.8	1292.9	1481.8	1655.7	1820.8	2032.1	2248.9	2462.0	2662.0	2819.5	2941.1
17.5°	1256.8	1431.3	1662.2	1888.1	2074.0	2268.2	2557.8	2777.7	2999.8	3188.3	3317.3
15°	1459.3	1651.3	1889.7	2199.8	2454.6	2677.1	2976.3	3334.1	3596.0	3836.6	4001.8
12.5°	1662.0	1879.2	2137.0	2486.0	2848.8	3110.8	3473.9	3927.3	4232.3	4604.9	4788.6
10°	1817.4	2090.0	2355.5	2674.1	3022.4	3395.6	3787.0	4211.2	4618.7	4938.7	5224.6
7.5°	1880.0	2170.3	2477.7	2802.7	3151.0	3536.1	3953.3	4394.7	4814.1	5171.5	5485.8
5°	1926.7	2224.3	2533.6	2866.0	3238.3	3640.5	4063.8	4527.2	4955.6	5338.6	5660.2
2.5°	1956.4	2256.8	2564.8	2902.7	3294.3	3708.4	4145.4	4621.1	5055.8	5450.1	5770.7
0°	1967.8	2263.8	2579.3	2927.1	3314.9	3729.9	4185.7	4667.0	5105.2	5486.5	5816.3
-2.5°	1969.4	2257.3	2580.2	2926.4	3297.3	3716.3	4177.7	4654.9	5084.2	5463.9	5796.7
-5°	1953.9	2241.7	2564.9	2905.8	3277.3	3693.1	4134.7	4595.9	5005.3	5374.8	5695.2
-7.5°	1922.5	2209.5	2525.6	2858.8	3220.2	3623.6	4047.6	4476.4	4878.1	5232.5	5538.3
-10°	1876.0	2157.0	2462.2	2786.7	3128.8	3512.4	3916.7	4326.4	4703.1	5030.9	5313.6
-12.5°	1813.1	2087.5	2379.0	2688.8	3007.2	3373.0	3754.7	4139.5	4482.8	4782.0	5035.7
-15°	1731.3	1999.3	2281.5	2574.6	2883.3	3214.1	3556.7	3909.6	4226.2	4491.6	4723.4
-17.5°	1635.0	1895.0	2162.9	2434.6	2727.5	3037.9	3355.9	3672.7	3942.7	4178.5	4390.4
-20°	1527.5	1778.1	2032.6	2285.9	2551.6	2838.6	3132.4	3410.6	3646.7	3860.9	4054.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626752 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	1407.1	1646.9	1890.9	2127.9	2367.6	2627.4	2889.8	3141.4	3362.2	3545.4	3713.9
-25°	1278.2	1499.8	1730.2	1952.4	2173.0	2405.8	2644.2	2875.7	3070.0	3229.1	3368.3
-27.5°	1148.4	1350.8	1553.8	1763.0	1966.9	2181.8	2397.5	2597.5	2772.0	2918.4	3035.4
-30°	1011.9	1192.8	1378.2	1567.5	1762.2	1958.8	2153.8	2328.9	2481.1	2609.9	2711.1
-32.5°	898.4	1035.9	1199.5	1371.3	1553.9	1733.0	1902.6	2062.2	2205.7	2318.2	2403.9
-35°	789.7	906.1	1028.6	1180.7	1337.5	1502.4	1658.3	1800.8	1928.7	2027.0	2107.7
-37.5°	696.2	788.2	891.9	1000.5	1131.9	1268.2	1409.0	1543.0	1657.0	1742.8	1814.8
-40°	615.3	688.0	770.7	856.8	953.5	1051.5	1174.1	1287.1	1380.2	1460.3	1525.6
-42.5°	542.1	603.5	664.6	735.2	808.2	886.9	972.9	1056.6	1128.0	1195.1	1250.5
-45°	478.9	528.0	576.7	631.2	684.8	748.8	810.2	865.1	923.0	973.2	1012.7
-47.5°	423.7	461.9	503.7	544.5	587.6	635.7	681.5	723.2	765.6	802.4	831.8
-50°	374.6	406.3	440.4	472.5	507.3	542.6	576.4	609.6	641.8	669.7	691.5
-52.5°	331.7	359.4	385.9	411.4	439.1	465.2	489.7	517.1	542.3	564.4	579.2
-55°	295.1	317.7	339.5	360.8	381.7	401.5	421.1	442.3	461.8	479.3	490.3
-57.5°	260.8	280.0	298.4	315.9	332.5	348.2	364.6	381.0	396.0	409.2	417.7
-60°	229.5	245.2	261.2	275.4	288.8	301.4	315.2	328.3	340.4	350.5	356.5
-62.5°	200.9	215.0	226.8	238.0	249.4	260.8	270.6	280.2	289.5	297.4	302.6
-65°	170.9	182.9	192.9	201.9	210.1	218.9	227.3	234.8	241.6	246.7	249.9
-67.5°	144.2	153.0	161.0	168.2	175.5	182.5	188.9	194.7	199.8	203.3	205.7
-70°	120.9	127.6	134.2	140.7	147.2	152.7	157.4	161.7	165.5	167.2	167.9
-72.5°	100.5	106.4	112.2	118.0	123.4	127.6	131.1	134.2	137.1	134.6	130.3
-75°	82.0	87.2	92.6	97.7	102.4	105.7	108.3	110.6	112.8	107.5	100.2
-77.5°	66.7	71.4	75.4	79.3	83.3	85.4	87.0	88.6	90.1	84.2	76.7
-80°	49.5	53.2	56.6	60.0	63.2	64.5	65.2	65.7	66.0	60.9	55.0
-82.5°	33.5	35.4	37.3	39.2	41.2	42.2	43.0	43.6	44.0	40.4	36.4
-85°	18.8	19.3	19.8	20.2	20.5	21.1	21.8	22.4	22.9	21.2	19.3
-87.5°	6.5	6.5	6.4	6.3	6.3	6.3	6.3	6.3	6.3	6.0	5.7
-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: P626752 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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	0.0	0.1
62.5°	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.4
60°	1.0	0.6	0.5	0.5	0.5	0.6	1.0	1.2	1.4	1.8	2.0
57.5°	9.2	8.1	7.2	6.5	7.2	8.1	9.2	9.9	10.0	12.9	13.3
55°	61.4	57.1	52.0	45.9	52.0	57.1	61.4	62.5	59.9	54.7	49.3
52.5°	120.4	124.4	126.7	126.5	126.7	124.4	120.4	116.2	112.3	106.9	102.1
50°	158.4	160.6	160.7	158.9	160.7	160.6	158.4	154.8	150.3	144.1	134.1
47.5°	232.1	229.1	223.8	218.2	223.8	229.1	232.1	229.2	222.9	209.8	184.7
45°	405.0	414.7	414.1	401.6	414.1	414.7	405.0	387.3	360.4	335.9	318.1
42.5°	553.5	568.1	578.4	583.7	578.4	568.1	553.5	535.6	503.5	466.3	426.8
40°	697.1	711.2	717.5	717.1	717.5	711.2	697.1	673.1	630.5	579.4	532.7
37.5°	848.9	867.1	876.0	871.8	876.0	867.1	848.9	824.2	786.2	724.4	671.9
35°	1057.6	1074.7	1075.1	1066.4	1075.1	1074.7	1057.6	1041.7	1004.8	927.0	888.7
32.5°	1519.0	1524.7	1480.8	1465.2	1480.8	1524.7	1519.0	1454.5	1373.3	1295.2	1208.8
30°	1939.5	1980.1	2017.8	2036.8	2017.8	1980.1	1939.5	1887.7	1835.6	1686.8	1551.2
27.5°	2220.8	2269.6	2299.8	2301.8	2299.8	2269.6	2220.8	2158.2	2075.2	1951.4	1804.6
25°	2476.8	2531.3	2564.3	2575.5	2564.3	2531.3	2476.8	2403.4	2306.5	2179.2	2017.7
22.5°	2744.9	2809.1	2851.8	2860.4	2851.8	2809.1	2744.9	2655.3	2549.8	2417.6	2233.9
20°	3055.9	3130.7	3171.5	3169.9	3171.5	3130.7	3055.9	2941.1	2819.5	2662.0	2462.0
17.5°	3465.4	3545.6	3580.9	3565.5	3580.9	3545.6	3465.4	3317.3	3188.3	2999.8	2777.7
15°	4171.3	4339.1	4338.4	4271.4	4338.4	4339.1	4171.3	4001.8	3836.6	3596.0	3334.1
12.5°	5041.9	5167.0	5295.4	5323.0	5295.4	5167.0	5041.9	4788.6	4604.9	4232.3	3927.3
10°	5465.5	5631.7	5741.4	5738.5	5741.4	5631.7	5465.5	5224.6	4938.7	4618.7	4211.2
7.5°	5730.6	5914.2	6047.1	6044.2	6047.1	5914.2	5730.6	5485.8	5171.5	4814.1	4394.7
5°	5935.2	6138.8	6256.4	6265.2	6256.4	6138.8	5935.2	5660.2	5338.6	4955.6	4527.2
2.5°	6041.4	6253.9	6395.4	6376.8	6395.4	6253.9	6041.4	5770.7	5450.1	5055.8	4621.1
0°	6085.9	6296.2	6428.2	6485.2	6428.2	6296.2	6085.9	5816.3	5486.5	5105.2	4667.0
-2.5°	6066.5	6271.1	6417.0	6422.7	6417.0	6271.1	6066.5	5796.7	5463.9	5084.2	4654.9
-5°	5962.6	6178.5	6276.2	6328.2	6276.2	6178.5	5962.6	5695.2	5374.8	5005.3	4595.9
-7.5°	5794.9	5956.7	6080.9	6138.2	6080.9	5956.7	5794.9	5538.3	5232.5	4878.1	4476.4
-10°	5534.0	5701.6	5806.4	5853.8	5806.4	5701.6	5534.0	5313.6	5030.9	4703.1	4326.4
-12.5°	5245.0	5397.3	5497.0	5537.0	5497.0	5397.3	5245.0	5035.7	4782.0	4482.8	4139.5
-15°	4922.6	5060.8	5152.6	5190.9	5152.6	5060.8	4922.6	4723.4	4491.6	4226.2	3909.6
-17.5°	4567.6	4688.7	4780.3	4807.8	4780.3	4688.7	4567.6	4390.4	4178.5	3942.7	3672.7
-20°	4202.6	4312.2	4387.5	4403.9	4387.5	4312.2	4202.6	4054.7	3860.9	3646.7	3410.6



REPORT NUMBER: P626752 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	3834.9	3925.1	3986.3	4006.9	3986.3	3925.1	3834.9	3713.9	3545.4	3362.2	3141.4
-25°	3475.5	3553.4	3602.6	3621.1	3602.6	3553.4	3475.5	3368.3	3229.1	3070.0	2875.7
-27.5°	3129.8	3202.4	3247.7	3253.7	3247.7	3202.4	3129.8	3035.4	2918.4	2772.0	2597.5
-30°	2789.7	2849.7	2884.5	2899.3	2884.5	2849.7	2789.7	2711.1	2609.9	2481.1	2328.9
-32.5°	2471.9	2524.3	2555.6	2564.0	2555.6	2524.3	2471.9	2403.9	2318.2	2205.7	2062.2
-35°	2171.8	2220.2	2248.0	2245.7	2248.0	2220.2	2171.8	2107.7	2027.0	1928.7	1800.8
-37.5°	1874.4	1919.0	1944.2	1941.9	1944.2	1919.0	1874.4	1814.8	1742.8	1657.0	1543.0
-40°	1579.3	1617.8	1640.0	1645.4	1640.0	1617.8	1579.3	1525.6	1460.3	1380.2	1287.1
-42.5°	1296.6	1332.1	1349.9	1342.9	1349.9	1332.1	1296.6	1250.5	1195.1	1128.0	1056.6
-45°	1040.4	1058.8	1070.9	1078.4	1070.9	1058.8	1040.4	1012.7	973.2	923.0	865.1
-47.5°	853.4	868.6	876.9	878.3	876.9	868.6	853.4	831.8	802.4	765.6	723.2
-50°	708.4	721.3	727.0	725.4	727.0	721.3	708.4	691.5	669.7	641.8	609.6
-52.5°	589.9	597.5	602.5	605.0	602.5	597.5	589.9	579.2	564.4	542.3	517.1
-55°	498.7	504.5	507.9	509.1	507.9	504.5	498.7	490.3	479.3	461.8	442.3
-57.5°	424.9	430.4	432.4	431.7	432.4	430.4	424.9	417.7	409.2	396.0	381.0
-60°	361.0	364.2	366.6	367.8	366.6	364.2	361.0	356.5	350.5	340.4	328.3
-62.5°	306.7	309.7	312.1	313.6	312.1	309.7	306.7	302.6	297.4	289.5	280.2
-65°	252.2	253.5	253.9	253.4	253.9	253.5	252.2	249.9	246.7	241.6	234.8
-67.5°	207.4	208.5	209.2	209.4	209.2	208.5	207.4	205.7	203.3	199.8	194.7
-70°	168.6	169.1	168.5	167.2	168.5	169.1	168.6	167.9	167.2	165.5	161.7
-72.5°	125.9	121.3	116.7	111.6	116.7	121.3	125.9	130.3	134.6	137.1	134.2
-75°	92.6	84.8	82.0	79.2	82.0	84.8	92.6	100.2	107.5	112.8	110.6
-77.5°	68.9	60.8	58.6	56.5	58.6	60.8	68.9	76.7	84.2	90.1	88.6
-80°	48.9	42.6	41.2	39.8	41.2	42.6	48.9	55.0	60.9	66.0	65.7
-82.5°	32.2	27.7	26.8	25.9	26.8	27.7	32.2	36.4	40.4	44.0	43.6
-85°	17.3	15.2	14.8	14.4	14.8	15.2	17.3	19.3	21.2	22.9	22.4
-87.5°	5.4	5.1	5.1	5.1	5.1	5.1	5.4	5.7	6.0	6.3	6.3
-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: P626752 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4
85°	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.5	0.5	0.5	0.5
82.5°	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.5	0.5	0.5	0.5
80°	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.5	0.5	0.5	0.5
77.5°	0.0	0.0	0.0	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.5
75°	0.0	0.0	0.0	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.5
72.5°	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.5	0.5	0.5	0.5
70°	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.5	0.5
67.5°	0.0	0.0	0.1	0.2	0.3	0.3	0.2	0.3	0.4	0.5	0.5
65°	0.1	0.1	0.1	0.2	0.4	0.5	0.5	0.5	0.5	0.5	0.5
62.5°	0.4	0.5	0.5	0.4	0.4	0.6	0.6	0.6	0.6	0.7	1.1
60°	1.5	0.8	1.7	2.0	1.6	1.5	2.6	2.4	0.9	3.5	4.2
57.5°	10.2	9.4	13.4	13.0	7.8	11.1	13.3	8.9	6.2	9.8	11.9
55°	44.3	43.3	42.2	39.8	36.5	34.0	33.5	33.4	26.5	19.2	21.8
52.5°	97.3	86.6	78.9	75.1	69.8	61.8	55.3	54.1	52.4	43.4	35.8
50°	124.9	123.0	114.7	102.0	100.8	92.7	81.5	73.8	72.7	66.5	55.1
47.5°	179.4	179.4	162.4	147.0	142.5	135.5	121.3	100.3	98.4	93.1	80.4
45°	290.7	270.5	261.1	231.3	198.9	186.5	174.7	149.5	128.9	120.7	111.8
42.5°	393.9	363.9	339.0	309.2	273.6	242.3	220.1	192.4	167.6	150.3	137.5
40°	490.4	442.0	407.6	370.0	331.3	292.6	265.1	230.2	201.9	178.9	165.3
37.5°	611.1	544.5	506.3	447.9	399.0	359.1	323.8	279.5	233.9	215.2	198.3
35°	788.7	709.9	665.2	594.1	495.3	460.0	414.0	347.7	290.0	257.8	237.0
32.5°	1107.3	989.6	907.4	812.4	681.5	588.5	527.3	453.6	361.2	314.9	280.4
30°	1431.0	1271.7	1156.5	1060.1	886.2	749.0	654.7	550.3	450.8	375.5	328.6
27.5°	1650.2	1493.7	1350.2	1211.7	1070.9	911.6	770.3	636.2	527.4	443.3	382.7
25°	1842.6	1665.5	1504.0	1353.8	1203.3	1048.5	877.4	726.8	599.0	502.8	423.7
22.5°	2033.0	1844.7	1661.7	1487.1	1334.3	1168.7	987.9	814.6	667.8	568.1	473.1
20°	2248.9	2032.1	1820.8	1655.7	1481.8	1292.9	1091.8	926.6	782.7	646.2	527.1
17.5°	2557.8	2268.2	2074.0	1888.1	1662.2	1431.3	1256.8	1083.5	906.4	728.6	583.8
15°	2976.3	2677.1	2454.6	2199.8	1889.7	1651.3	1459.3	1248.9	1039.1	826.2	651.2
12.5°	3473.9	3110.8	2848.8	2486.0	2137.0	1879.2	1662.0	1426.5	1168.8	914.5	713.9
10°	3787.0	3395.6	3022.4	2674.1	2355.5	2090.0	1817.4	1529.8	1243.1	981.0	768.1
7.5°	3953.3	3536.1	3151.0	2802.7	2477.7	2170.3	1880.0	1590.3	1302.9	1033.0	814.0
5°	4063.8	3640.5	3238.3	2866.0	2533.6	2224.3	1926.7	1631.3	1347.9	1071.3	851.4
2.5°	4145.4	3708.4	3294.3	2902.7	2564.8	2256.8	1956.4	1655.2	1371.3	1091.9	864.5
0°	4185.7	3729.9	3314.9	2927.1	2579.3	2263.8	1967.8	1663.9	1376.7	1100.6	869.9
-2.5°	4177.7	3716.3	3297.3	2926.4	2580.2	2257.3	1969.4	1668.6	1378.2	1107.2	873.8
-5°	4134.7	3693.1	3277.3	2905.8	2564.9	2241.7	1953.9	1658.4	1367.4	1102.0	870.1
-7.5°	4047.6	3623.6	3220.2	2858.8	2525.6	2209.5	1922.5	1633.4	1345.5	1084.0	859.2
-10°	3916.7	3512.4	3128.8	2786.7	2462.2	2157.0	1876.0	1591.0	1309.4	1054.5	840.4
-12.5°	3754.7	3373.0	3007.2	2688.8	2379.0	2087.5	1813.1	1531.4	1259.1	1013.5	813.6
-15°	3556.7	3214.1	2883.3	2574.6	2281.5	1999.3	1731.3	1457.1	1195.3	960.7	778.8
-17.5°	3355.9	3037.9	2727.5	2434.6	2162.9	1895.0	1635.0	1374.5	1124.0	903.7	738.0
-20°	3132.4	2838.6	2551.6	2285.9	2032.6	1778.1	1527.5	1277.1	1042.4	850.5	701.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626752 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	2889.8	2627.4	2367.6	2127.9	1890.9	1646.9	1407.1	1170.7	948.1	790.7	661.0
-25°	2644.2	2405.8	2173.0	1952.4	1730.2	1499.8	1278.2	1062.4	878.3	734.3	616.8
-27.5°	2397.5	2181.8	1966.9	1763.0	1553.8	1350.8	1148.4	952.7	802.8	680.3	575.6
-30°	2153.8	1958.8	1762.2	1567.5	1378.2	1192.8	1011.9	863.7	733.3	622.6	529.6
-32.5°	1902.6	1733.0	1553.9	1371.3	1199.5	1035.9	898.4	773.5	660.8	569.5	488.6
-35°	1658.3	1502.4	1337.5	1180.7	1028.6	906.1	789.7	687.5	597.4	516.6	447.7
-37.5°	1409.0	1268.2	1131.9	1000.5	891.9	788.2	696.2	612.8	534.9	470.6	411.3
-40°	1174.1	1051.5	953.5	856.8	770.7	688.0	615.3	543.6	483.5	426.9	375.8
-42.5°	972.9	886.9	808.2	735.2	664.6	603.5	542.1	486.3	433.8	386.4	344.0
-45°	810.2	748.8	684.8	631.2	576.7	528.0	478.9	433.0	388.9	350.2	312.6
-47.5°	681.5	635.7	587.6	544.5	503.7	461.9	423.7	384.1	349.9	315.5	284.1
-50°	576.4	542.6	507.3	472.5	440.4	406.3	374.6	343.5	313.4	284.8	256.3
-52.5°	489.7	465.2	439.1	411.4	385.9	359.4	331.7	306.6	280.7	255.5	230.6
-55°	421.1	401.5	381.7	360.8	339.5	317.7	295.1	272.6	250.3	227.3	208.5
-57.5°	364.6	348.2	332.5	315.9	298.4	280.0	260.8	240.7	222.4	205.0	187.9
-60°	315.2	301.4	288.8	275.4	261.2	245.2	229.5	213.7	197.9	182.8	168.2
-62.5°	270.6	260.8	249.4	238.0	226.8	215.0	200.9	186.9	173.5	160.6	148.5
-65°	227.3	218.9	210.1	201.9	192.9	182.9	170.9	160.1	149.5	138.9	128.9
-67.5°	188.9	182.5	175.5	168.2	161.0	153.0	144.2	135.1	126.7	118.0	110.5
-70°	157.4	152.7	147.2	140.7	134.2	127.6	120.9	113.8	106.1	98.3	92.3
-72.5°	131.1	127.6	123.4	118.0	112.2	106.4	100.5	94.2	87.4	80.2	74.4
-75°	108.3	105.7	102.4	97.7	92.6	87.2	82.0	76.2	69.6	62.2	56.4
-77.5°	87.0	85.4	83.3	79.3	75.4	71.4	66.7	60.0	53.4	47.1	42.8
-80°	65.2	64.5	63.2	60.0	56.6	53.2	49.5	44.4	39.5	35.0	31.5
-82.5°	43.0	42.2	41.2	39.2	37.3	35.4	33.5	30.0	26.6	23.3	20.5
-85°	21.8	21.1	20.5	20.2	19.8	19.3	18.8	16.8	14.9	13.1	11.5
-87.5°	6.3	6.3	6.3	6.3	6.4	6.5	6.5	6.0	5.5	5.0	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



REPORT NUMBER: P626752 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.3
82.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4
80°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
77.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
75°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
72.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
70°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
67.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.5	0.5
65°	0.5	0.5	0.5	0.7	0.7	0.5	0.5	0.9	0.8	0.7	0.5
62.5°	0.9	0.5	1.2	1.7	1.1	0.9	0.7	2.0	1.3	0.9	0.7
60°	2.1	1.7	3.3	5.0	3.6	1.4	2.1	3.3	3.1	1.1	0.9
57.5°	10.7	4.9	7.2	9.4	9.0	5.1	4.1	5.7	5.2	3.0	1.2
55°	22.2	18.9	15.0	14.9	15.1	12.0	8.6	8.8	7.8	5.5	1.8
52.5°	33.8	32.8	29.2	23.7	21.8	19.7	16.2	12.5	11.6	8.3	4.4
50°	48.2	45.6	42.7	37.2	30.1	27.4	23.7	19.0	15.7	11.5	7.2
47.5°	64.7	60.1	55.8	50.4	42.7	35.4	31.3	25.8	20.3	15.8	10.1
45°	90.3	75.4	69.6	63.4	55.5	46.4	39.3	32.6	26.4	20.2	13.0
42.5°	116.7	96.0	83.8	76.8	68.5	58.3	47.5	40.0	32.3	24.5	16.4
40°	143.3	117.6	99.2	90.4	82.0	70.2	58.1	47.8	38.1	29.0	20.1
37.5°	171.9	141.8	116.9	104.6	95.7	82.9	68.8	55.7	44.1	33.9	23.8
35°	207.7	170.5	136.2	121.0	109.0	95.9	79.4	64.3	51.2	38.8	27.5
32.5°	247.8	202.1	163.7	138.8	122.6	109.1	90.7	74.1	58.5	43.6	31.0
30°	287.7	234.7	189.9	156.5	137.0	121.5	102.7	83.9	65.9	48.5	34.7
27.5°	318.2	262.9	214.4	177.8	152.9	133.9	114.7	93.7	73.5	53.9	38.7
25°	349.3	288.9	238.2	198.6	168.6	146.5	126.2	103.5	81.6	60.1	42.6
22.5°	385.7	313.6	258.3	217.3	185.1	159.3	137.2	113.5	89.7	66.2	46.4
20°	421.3	336.5	276.8	239.2	203.2	173.6	148.0	123.0	97.7	72.2	50.0
17.5°	457.7	368.5	307.4	261.9	221.9	187.7	158.7	132.0	105.5	78.0	53.5
15°	512.7	411.4	338.3	284.4	239.9	201.5	169.1	140.5	113.0	83.7	56.7
12.5°	564.5	451.7	368.3	306.3	257.2	214.9	179.2	148.5	120.1	88.4	59.3
10°	610.3	489.2	397.1	327.4	273.7	227.8	188.9	154.7	124.3	92.2	61.6
7.5°	650.1	523.7	424.2	347.6	287.7	236.5	193.9	158.0	127.6	95.5	63.7
5°	680.6	547.1	439.0	355.6	293.0	240.4	197.4	160.6	130.1	98.3	65.5
2.5°	690.6	554.9	444.9	360.1	296.8	243.3	200.1	162.6	132.1	100.6	66.9
0°	695.3	558.7	447.9	362.7	299.2	245.0	202.0	164.0	133.4	102.4	68.1
-2.5°	700.4	563.8	452.2	366.7	301.7	247.4	204.0	166.2	135.3	104.4	70.1
-5°	700.0	564.8	453.6	368.7	302.7	248.7	205.1	167.7	136.7	105.9	71.7
-7.5°	692.6	560.4	451.9	368.3	302.1	248.8	205.4	168.6	137.6	106.8	73.0
-10°	679.4	551.3	446.8	365.0	300.1	247.7	204.9	168.9	138.0	107.2	73.9
-12.5°	660.8	538.3	438.6	359.5	296.6	245.4	203.4	168.1	137.7	107.0	74.4
-15°	636.8	521.7	427.3	351.9	291.4	242.0	201.0	166.5	136.5	106.3	74.5
-17.5°	607.8	501.5	412.8	342.3	284.7	237.4	197.7	164.2	134.9	104.9	74.4
-20°	581.0	480.2	396.2	330.6	276.3	231.7	193.5	161.4	132.9	103.2	74.0

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626752 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	550.9	458.1	381.4	319.4	267.5	224.9	188.3	157.9	130.4	101.1	73.4
-25°	516.6	433.0	364.5	306.9	258.9	218.4	183.1	153.8	127.7	98.8	72.4
-27.5°	484.2	407.2	345.6	292.6	249.0	210.9	177.9	150.0	124.4	96.2	71.1
-30°	451.3	384.6	327.5	277.5	238.0	202.6	172.0	145.9	120.8	94.0	69.5
-32.5°	417.7	360.1	308.1	264.5	227.4	193.6	165.7	141.5	117.0	91.7	68.2
-35°	388.9	335.9	287.3	250.4	216.5	185.9	159.3	136.8	113.2	89.2	66.8
-37.5°	358.2	311.4	271.0	236.5	204.9	177.6	153.1	131.3	109.2	86.4	65.1
-40°	330.8	288.6	253.5	223.0	194.4	168.6	146.3	125.5	105.4	83.2	63.1
-42.5°	302.8	267.8	236.5	208.5	183.8	160.3	138.8	119.3	100.6	80.4	60.8
-45°	278.3	246.5	218.9	195.3	172.8	151.2	131.6	112.9	95.4	77.4	58.4
-47.5°	253.0	226.1	202.5	181.6	161.9	141.8	123.9	106.9	90.0	74.1	55.9
-50°	229.4	206.6	187.0	168.3	149.9	133.1	116.3	100.8	85.1	69.7	53.2
-52.5°	208.4	189.4	172.0	154.9	139.2	124.0	109.4	94.5	80.0	65.4	50.1
-55°	189.9	173.0	157.3	142.5	128.4	115.8	102.4	88.6	74.7	60.9	46.8
-57.5°	172.1	156.9	143.5	130.4	118.4	107.5	95.6	82.5	69.3	56.2	43.9
-60°	154.3	142.0	130.1	119.1	108.7	98.8	88.7	76.2	63.7	51.4	40.4
-62.5°	137.2	126.9	117.7	108.1	98.5	89.8	81.6	69.7	57.9	46.6	36.6
-65°	120.4	112.5	105.1	96.0	87.7	80.4	73.6	62.9	51.8	41.5	32.5
-67.5°	103.7	97.3	90.7	83.3	77.1	71.1	65.1	55.5	45.3	36.2	28.4
-70°	87.0	81.5	76.7	72.0	66.9	61.7	55.7	47.4	38.6	31.1	24.1
-72.5°	70.5	67.1	64.3	60.9	56.6	51.7	46.1	39.4	32.5	25.9	19.8
-75°	54.3	53.6	52.7	50.6	46.5	41.8	37.3	32.1	26.2	20.6	16.1
-77.5°	42.8	42.5	41.9	40.4	36.8	33.0	29.0	24.7	20.2	16.3	12.7
-80°	31.7	31.6	31.4	30.5	27.4	24.2	21.4	18.6	15.3	12.1	9.1
-82.5°	20.8	21.1	21.3	21.0	18.9	16.8	14.9	12.9	10.3	7.9	6.1
-85°	11.9	12.1	12.2	12.0	10.7	9.5	8.7	7.8	6.5	5.2	4.1
-87.5°	4.9	5.2	5.4	5.6	5.2	4.7	4.3	3.9	3.2	2.6	2.1
-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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 CATALOG NUMBER: GFLD-SA1D-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°	0.1	0.1	0.1	0.1	0.0	0.0	0.0
85°	0.3	0.2	0.2	0.1	0.1	0.0	0.0
82.5°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
80°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
77.5°	0.5	0.5	0.4	0.3	0.2	0.1	0.0
75°	0.5	0.5	0.5	0.4	0.3	0.1	0.0
72.5°	0.5	0.5	0.5	0.4	0.3	0.2	0.0
70°	0.5	0.5	0.5	0.5	0.3	0.2	0.0
67.5°	0.5	0.5	0.5	0.5	0.4	0.2	0.0
65°	0.6	0.6	0.5	0.5	0.4	0.2	0.0
62.5°	0.7	0.7	0.5	0.5	0.5	0.2	0.0
60°	0.8	0.8	0.5	0.5	0.5	0.2	0.0
57.5°	1.3	0.9	0.6	0.5	0.5	0.3	0.0
55°	1.9	1.1	0.8	0.5	0.5	0.3	0.0
52.5°	2.7	1.3	0.9	0.5	0.5	0.3	0.0
50°	3.6	2.1	1.1	0.5	0.5	0.3	0.0
47.5°	4.7	3.0	1.2	0.5	0.5	0.3	0.0
45°	7.2	3.9	1.4	0.7	0.5	0.4	0.0
42.5°	9.7	4.8	1.6	0.8	0.6	0.4	0.0
40°	12.2	5.9	2.1	1.0	0.6	0.4	0.0
37.5°	14.7	6.9	2.9	1.2	0.6	0.4	0.0
35°	17.1	8.6	3.7	1.4	0.6	0.4	0.0
32.5°	19.7	10.5	4.5	1.6	0.6	0.4	0.0
30°	22.6	12.4	5.3	1.8	0.6	0.4	0.0
27.5°	25.4	14.2	6.2	2.1	0.7	0.4	0.0
25°	28.1	16.0	7.1	2.4	0.7	0.5	0.0
22.5°	30.7	17.7	8.1	2.7	0.7	0.5	0.0
20°	33.2	19.4	8.9	2.9	0.7	0.5	0.0
17.5°	35.4	20.9	9.8	3.2	0.8	0.5	0.0
15°	37.5	22.4	10.6	3.5	0.8	0.5	0.0
12.5°	39.5	23.7	11.4	3.8	0.8	0.5	0.0
10°	41.2	25.0	12.1	4.1	0.8	0.5	0.0
7.5°	42.8	26.1	12.8	4.4	0.8	0.5	0.0
5°	44.2	27.1	13.4	4.6	0.9	0.5	0.0
2.5°	45.3	28.0	13.9	4.9	0.9	0.5	0.0
0°	46.3	28.7	14.4	5.1	0.9	0.5	0.0
-2.5°	47.6	29.6	15.1	5.4	1.0	0.5	0.0
-5°	48.6	30.4	15.6	5.7	1.2	0.6	0.0
-7.5°	49.4	31.0	16.1	6.0	1.3	0.6	0.0
-10°	50.0	31.4	16.5	6.2	1.5	0.6	0.0
-12.5°	50.4	31.7	16.8	6.4	1.6	0.6	0.0
-15°	50.5	31.9	17.0	6.6	1.7	0.7	0.0
-17.5°	50.3	31.9	17.1	6.7	1.8	0.7	0.0
-20°	50.2	31.7	17.1	6.8	1.9	0.7	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626752 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	50.2	31.3	16.9	6.8	2.0	0.7	0.0
-25°	50.0	31.2	16.7	6.8	2.1	0.7	0.0
-27.5°	49.5	31.1	16.3	6.8	2.1	0.7	0.0
-30°	48.8	30.8	15.8	6.7	2.2	0.7	0.0
-32.5°	47.8	30.2	15.6	6.6	2.2	0.7	0.0
-35°	46.9	29.5	15.3	6.4	2.3	0.7	0.0
-37.5°	45.8	28.7	14.8	6.1	2.3	0.7	0.0
-40°	44.5	28.0	14.3	5.8	2.3	0.7	0.0
-42.5°	42.9	27.1	13.8	5.6	2.2	0.7	0.0
-45°	41.1	26.1	13.6	5.4	2.2	0.7	0.0
-47.5°	39.0	24.9	13.2	5.1	2.2	0.7	0.0
-50°	37.2	23.5	12.6	5.0	2.1	0.7	0.0
-52.5°	35.2	21.9	11.9	4.9	2.0	0.6	0.0
-55°	33.1	20.6	11.1	4.8	1.9	0.6	0.0
-57.5°	30.7	19.2	10.1	4.6	1.8	0.6	0.0
-60°	28.2	17.6	9.1	4.4	1.7	0.6	0.0
-62.5°	25.7	15.8	8.5	4.0	1.6	0.5	0.0
-65°	23.0	13.9	7.7	3.7	1.5	0.5	0.0
-67.5°	20.0	12.2	6.9	3.3	1.4	0.4	0.0
-70°	16.9	10.7	6.0	2.8	1.2	0.4	0.0
-72.5°	14.4	9.1	5.1	2.5	1.1	0.4	0.0
-75°	11.8	7.3	4.0	2.2	1.0	0.3	0.0
-77.5°	9.1	5.5	3.3	1.8	0.8	0.3	0.0
-80°	6.3	4.2	2.7	1.5	0.7	0.2	0.0
-82.5°	4.6	3.2	2.0	1.1	0.5	0.2	0.0
-85°	3.1	2.1	1.4	0.8	0.3	0.1	0.0
-87.5°	1.6	1.1	0.7	0.4	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)