

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: P626541 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-727-U-VWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626541 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-17)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1A-727-U-VWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N12
Light Source: (16) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

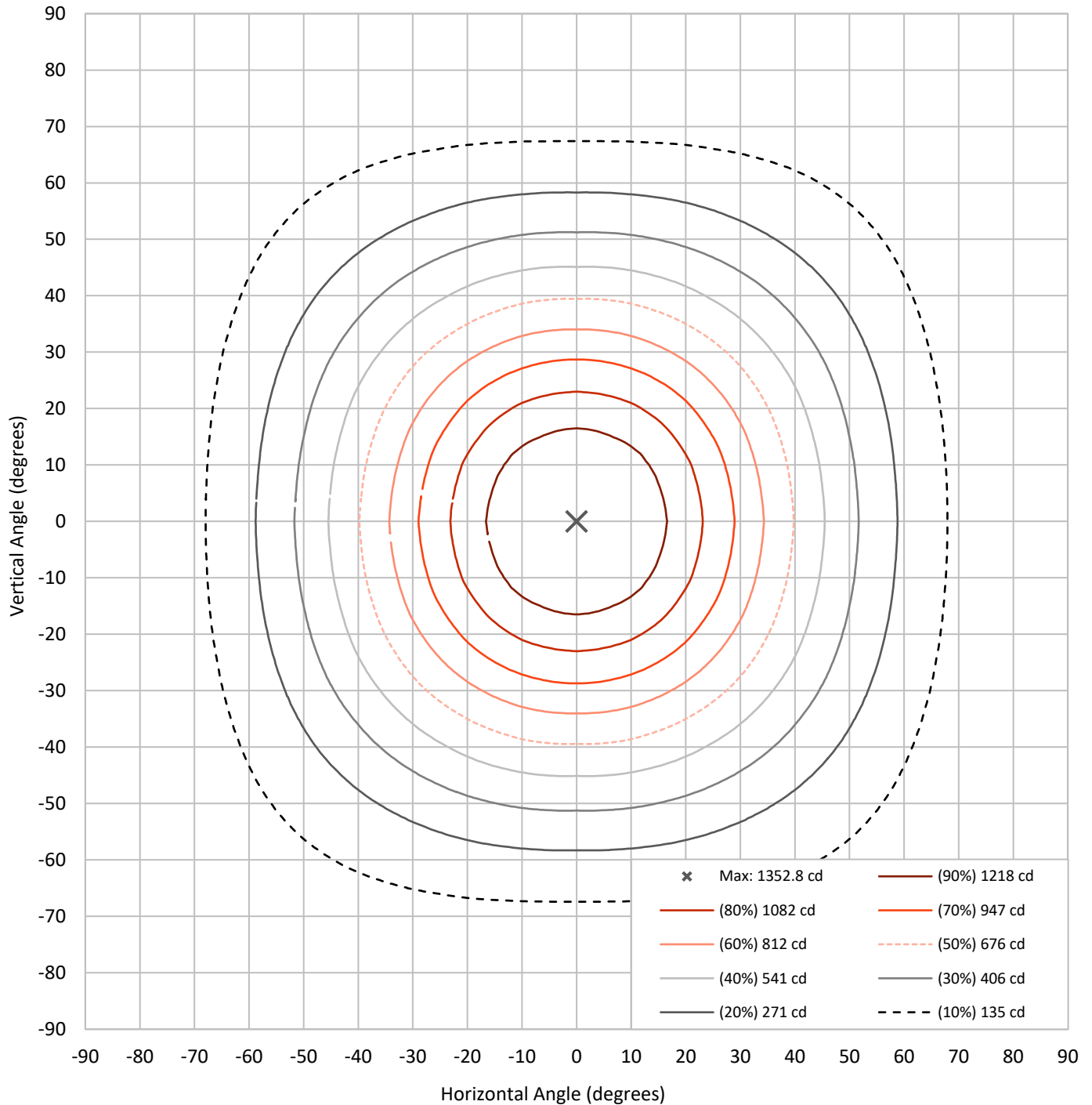
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	2445.2 lumens	Max Intensity:	1352.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	135.1 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	79.6°H x 78.9°V	Field Angle (10%):	135.9°H x 134.8°V
Beam Lumens:	1434.1 lumens	Field Lumens:	2331 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	18.1		
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





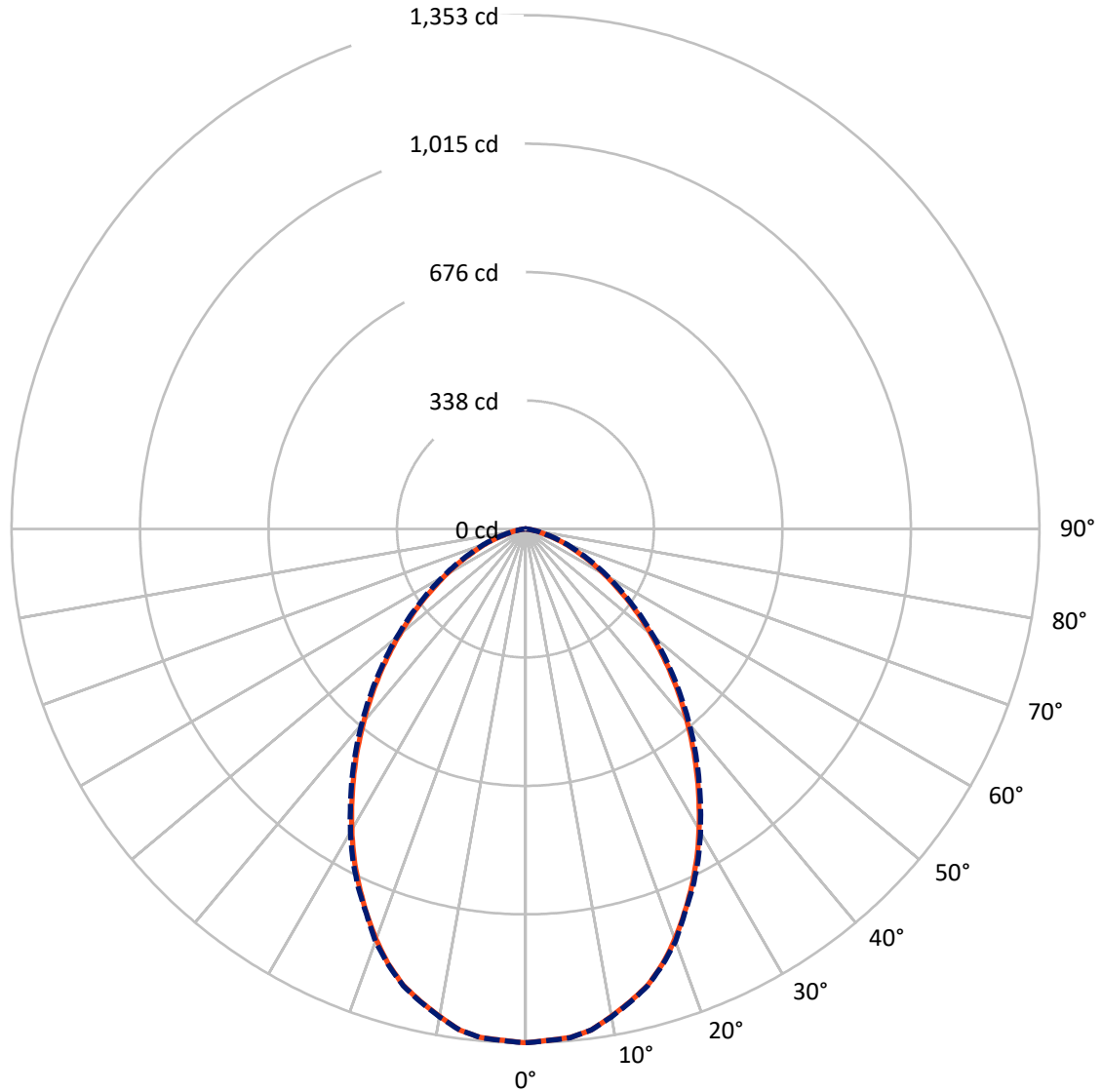
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Lumen Table

90																			
80	0.1	1.0	2.7	4.6	4.4	4.6	2.7	1.0	0.1										
70																			
60	0.5	0.6	1.3	2.2	3.2	4.1	4.8	5.1	5.1	4.8	4.1	3.2	2.2	1.3	0.6				0.5
50																			
40	0.8	0.9	2.1	3.7	5.6	7.5	9.2	10.0	10.0	9.2	7.5	5.6	3.7	2.1	0.9				0.8
30																			
20	1.0	1.3	3.0	5.5	8.7	12.1	14.9	16.4	16.4	14.9	12.1	8.7	5.5	3.0	1.3				1.0
10																			
0	1.1	1.6	3.9	7.6	12.2	17.1	21.2	23.6	23.6	21.2	17.1	12.2	7.6	3.9	1.6				1.1
-10																			
-20	1.0	1.9	4.8	9.5	15.5	22.0	27.7	30.9	30.9	27.7	22.0	15.5	9.5	4.8	1.9				1.0
-30																			
-40	0.8	2.2	5.5	11.0	18.1	26.0	33.0	36.9	36.9	33.0	26.0	18.1	11.0	5.5	2.2				0.8
-50																			
-60	0.5	2.3	5.9	11.8	19.5	28.2	35.8	40.0	40.0	35.8	28.2	19.5	11.8	5.9	2.3				0.5
-70																			
-80	0.1	2.3	5.9	11.8	19.5	28.2	35.8	40.0	40.0	35.8	28.2	19.5	11.8	5.9	2.3				0.1
-90																			

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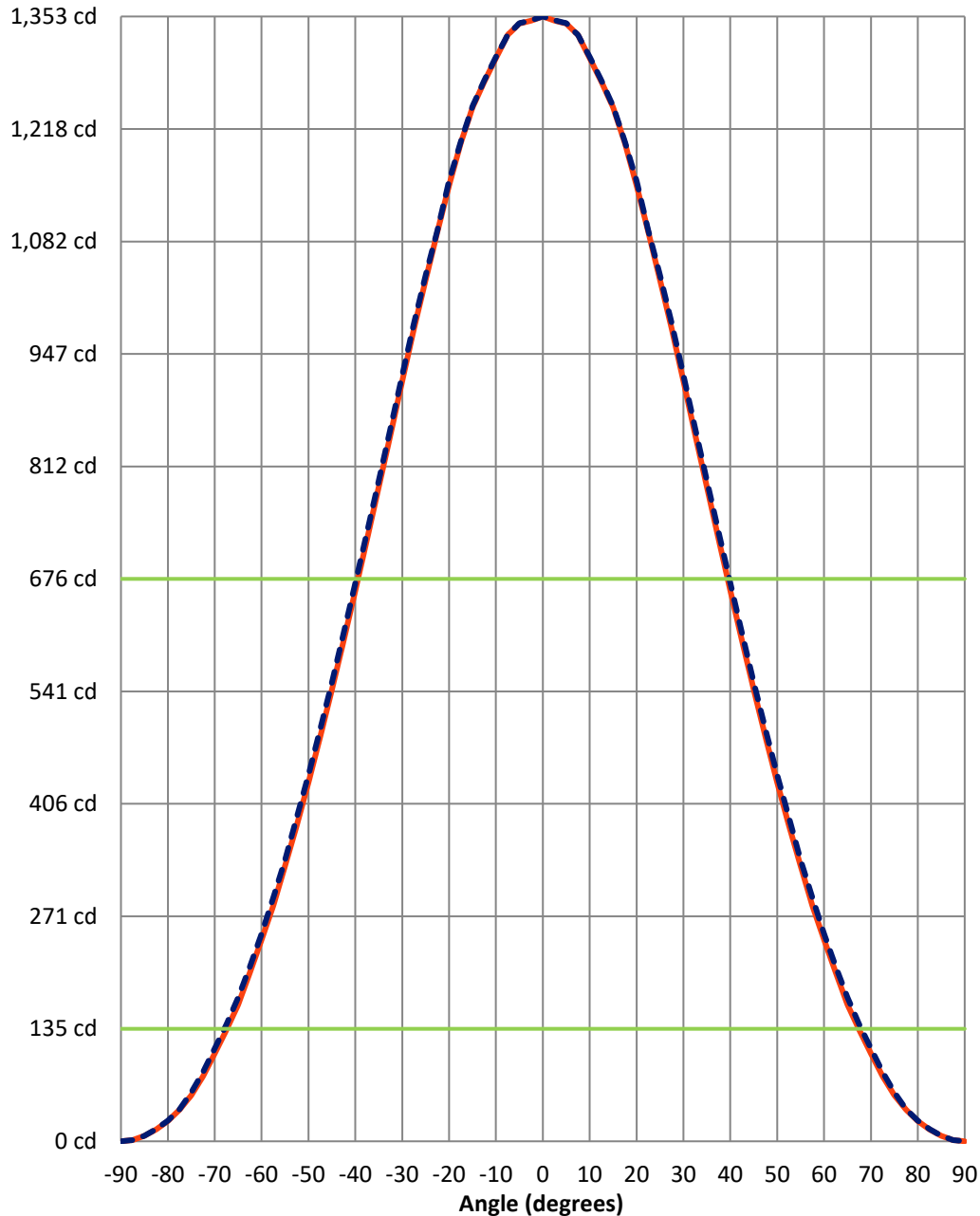
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 79.6°
V Angle: 78.9°
Lumens: 1434.1
Efficiency: 58.7%

Field:
H Angle: 135.9°
V Angle: 134.8°
Lumens: 2331
Efficiency: 95.3%

Spill:
Lumens: 114.1
Efficiency: 4.7%

— 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	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.8
85°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.5	1.7
82.5°	0.0	0.2	0.5	0.8	1.0	1.3	1.5	1.8	2.3	3.6	4.8
80°	0.0	0.3	0.7	1.0	1.4	1.7	2.3	4.2	6.0	7.7	9.3
77.5°	0.0	0.4	0.9	1.3	1.7	2.7	5.1	7.5	9.7	11.8	14.4
75°	0.0	0.5	1.0	1.5	2.2	4.7	7.9	10.7	13.5	17.2	21.2
72.5°	0.0	0.5	1.2	1.8	3.6	6.7	10.5	14.2	18.5	23.1	27.9
70°	0.0	0.6	1.3	2.2	4.9	8.6	13.1	18.4	23.4	28.8	35.1
67.5°	0.0	0.7	1.5	3.0	6.2	10.4	16.3	22.5	28.3	35.1	42.3
65°	0.0	0.7	1.6	3.8	7.4	12.4	19.3	26.4	33.5	41.1	49.0
62.5°	0.0	0.8	1.8	4.5	8.5	14.6	22.2	30.6	38.5	46.9	55.0
60°	0.0	0.9	1.9	5.2	9.6	16.7	24.9	34.7	43.4	52.3	60.9
57.5°	0.0	0.9	2.3	5.9	11.0	18.6	27.7	38.5	48.1	57.6	66.5
55°	0.0	1.0	2.7	6.5	12.4	20.4	30.4	41.8	52.8	62.8	71.9
52.5°	0.0	1.0	3.1	7.1	13.6	22.1	32.9	45.3	57.4	67.5	77.1
50°	0.0	1.1	3.4	7.6	14.8	24.0	35.2	48.5	61.8	72.1	83.1
47.5°	0.0	1.1	3.8	8.1	15.9	25.7	37.4	51.6	65.7	76.6	89.0
45°	0.0	1.2	4.1	8.8	16.8	27.2	39.7	54.4	68.8	81.6	94.6
42.5°	0.0	1.2	4.4	9.5	17.7	28.5	41.9	57.0	71.8	86.4	101.3
40°	0.0	1.3	4.7	10.1	18.5	29.7	43.9	59.4	74.9	90.9	107.7
37.5°	0.0	1.3	5.0	10.7	19.3	30.7	45.7	61.8	78.3	95.2	113.8
35°	0.0	1.3	5.2	11.3	20.1	31.9	47.2	64.0	81.6	100.1	119.9
32.5°	0.0	1.4	5.5	11.9	20.7	33.0	48.7	66.0	84.9	104.8	126.4
30°	0.0	1.4	5.7	12.4	21.2	34.0	50.2	68.1	88.0	109.4	132.4
27.5°	0.0	1.4	5.9	12.9	21.9	34.8	51.6	70.4	91.2	113.7	138.0
25°	0.0	1.5	6.0	13.3	22.6	35.5	52.8	72.6	94.6	118.1	143.2
22.5°	0.0	1.5	6.2	13.6	23.2	36.1	53.8	74.6	97.7	122.2	148.8
20°	0.0	1.5	6.3	14.0	23.7	37.0	54.6	76.4	100.5	125.9	153.7
17.5°	0.0	1.5	6.4	14.2	24.1	37.8	55.7	78.0	103.0	129.2	158.1
15°	0.0	1.5	6.5	14.4	24.5	38.3	56.8	79.6	105.2	132.0	161.8
12.5°	0.0	1.5	6.6	14.6	24.7	38.7	57.7	81.0	107.2	134.3	165.0
10°	0.0	1.5	6.6	14.7	24.9	39.0	58.3	82.1	108.9	136.5	167.6
7.5°	0.0	1.5	6.6	14.8	25.0	39.1	58.8	82.9	110.2	138.2	169.9
5°	0.0	1.5	6.6	14.8	25.0	39.0	59.0	83.3	111.1	139.5	171.6
2.5°	0.0	1.5	6.6	14.8	24.9	38.8	59.0	83.4	111.6	140.2	172.6
0°	0.0	1.5	6.6	14.7	24.8	38.5	58.8	83.2	111.6	140.5	172.9
-2.5°	0.0	1.5	6.6	14.8	24.9	38.8	59.0	83.4	111.6	140.2	172.6
-5°	0.0	1.5	6.6	14.8	25.0	39.0	59.0	83.3	111.1	139.5	171.6
-7.5°	0.0	1.5	6.6	14.8	25.0	39.1	58.8	82.9	110.2	138.2	169.9
-10°	0.0	1.5	6.6	14.7	24.9	39.0	58.3	82.1	108.9	136.5	167.6
-12.5°	0.0	1.5	6.6	14.6	24.7	38.7	57.7	81.0	107.2	134.3	165.0
-15°	0.0	1.5	6.5	14.4	24.5	38.3	56.8	79.6	105.2	132.0	161.8
-17.5°	0.0	1.5	6.4	14.2	24.1	37.8	55.7	78.0	103.0	129.2	158.1
-20°	0.0	1.5	6.3	14.0	23.7	37.0	54.6	76.4	100.5	125.9	153.7

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.5	6.2	13.6	23.2	36.1	53.8	74.6	97.7	122.2	148.8
-25°	0.0	1.5	6.0	13.3	22.6	35.5	52.8	72.6	94.6	118.1	143.2
-27.5°	0.0	1.4	5.9	12.9	21.9	34.8	51.6	70.4	91.2	113.7	138.0
-30°	0.0	1.4	5.7	12.4	21.2	34.0	50.2	68.1	88.0	109.4	132.4
-32.5°	0.0	1.4	5.5	11.9	20.7	33.0	48.7	66.0	84.9	104.8	126.4
-35°	0.0	1.3	5.2	11.3	20.1	31.9	47.2	64.0	81.6	100.1	119.9
-37.5°	0.0	1.3	5.0	10.7	19.3	30.7	45.7	61.8	78.3	95.2	113.8
-40°	0.0	1.3	4.7	10.1	18.5	29.7	43.9	59.4	74.9	90.9	107.7
-42.5°	0.0	1.2	4.4	9.5	17.7	28.5	41.9	57.0	71.8	86.4	101.3
-45°	0.0	1.2	4.1	8.8	16.8	27.2	39.7	54.4	68.8	81.6	94.6
-47.5°	0.0	1.1	3.8	8.1	15.9	25.7	37.4	51.6	65.7	76.6	89.0
-50°	0.0	1.1	3.4	7.6	14.8	24.0	35.2	48.5	61.8	72.1	83.1
-52.5°	0.0	1.0	3.1	7.1	13.6	22.1	32.9	45.3	57.4	67.5	77.1
-55°	0.0	1.0	2.7	6.5	12.4	20.4	30.4	41.8	52.8	62.8	71.9
-57.5°	0.0	0.9	2.3	5.9	11.0	18.6	27.7	38.5	48.1	57.6	66.5
-60°	0.0	0.9	1.9	5.2	9.6	16.7	24.9	34.7	43.4	52.3	60.9
-62.5°	0.0	0.8	1.8	4.5	8.5	14.6	22.2	30.6	38.5	46.9	55.0
-65°	0.0	0.7	1.6	3.8	7.4	12.4	19.3	26.4	33.5	41.1	49.0
-67.5°	0.0	0.7	1.5	3.0	6.2	10.4	16.3	22.5	28.3	35.1	42.3
-70°	0.0	0.6	1.3	2.2	4.9	8.6	13.1	18.4	23.4	28.8	35.1
-72.5°	0.0	0.5	1.2	1.8	3.6	6.7	10.5	14.2	18.5	23.1	27.9
-75°	0.0	0.5	1.0	1.5	2.2	4.7	7.9	10.7	13.5	17.2	21.2
-77.5°	0.0	0.4	0.9	1.3	1.7	2.7	5.1	7.5	9.7	11.8	14.4
-80°	0.0	0.3	0.7	1.0	1.4	1.7	2.3	4.2	6.0	7.7	9.3
-82.5°	0.0	0.2	0.5	0.8	1.0	1.3	1.5	1.8	2.3	3.6	4.8
-85°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.5	1.7
-87.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.8
-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°	1.0	1.1	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.6
85°	2.0	2.2	3.1	4.0	4.4	4.7	4.8	4.7	5.5	6.4	7.4
82.5°	6.2	7.4	8.7	9.8	10.1	10.1	10.0	10.0	11.9	14.0	16.1
80°	11.0	12.6	14.8	16.7	17.5	17.9	18.1	18.1	20.4	23.5	26.7
77.5°	17.4	20.2	22.5	24.5	25.6	26.6	27.4	28.0	30.9	34.8	38.7
75°	24.8	27.8	30.7	33.3	35.1	36.5	37.7	39.7	43.6	48.1	52.1
72.5°	32.5	36.3	39.6	42.4	45.0	47.6	50.7	54.0	58.1	62.6	66.7
70°	40.8	45.0	48.4	51.8	55.2	59.3	63.8	68.3	72.8	77.8	82.6
67.5°	48.9	52.9	57.0	61.2	66.4	71.8	77.2	83.3	89.5	95.1	100.0
65°	55.9	60.6	65.7	71.5	77.9	84.7	91.9	99.2	107.2	113.8	119.9
62.5°	62.6	68.3	74.5	81.7	89.8	97.9	107.0	116.2	125.2	133.0	140.3
60°	68.8	75.7	83.5	92.4	101.8	112.6	123.0	133.4	143.2	152.1	161.3
57.5°	74.8	83.5	92.9	103.5	115.5	127.5	139.7	151.0	162.1	172.9	183.3
55°	81.2	91.7	102.8	115.8	129.3	143.6	156.7	169.3	181.5	194.7	207.2
52.5°	88.2	99.9	113.9	128.4	144.0	159.4	173.8	188.1	202.9	217.8	234.1
50°	95.0	109.5	124.8	141.7	158.6	175.1	191.6	208.1	225.8	244.1	262.5
47.5°	102.9	118.7	136.8	155.0	173.4	191.7	210.2	230.1	250.2	271.4	291.8
45°	110.9	128.7	148.2	168.7	188.7	209.0	230.5	252.5	276.1	299.4	323.9
42.5°	118.4	138.6	160.1	182.2	204.4	227.1	250.8	276.5	302.3	329.1	356.1
40°	126.8	148.0	171.7	196.1	220.2	245.3	272.4	300.2	329.4	358.9	388.2
37.5°	134.9	158.2	183.1	209.4	236.4	264.0	293.4	325.0	356.6	388.4	420.7
35°	142.5	167.9	194.9	222.7	251.4	282.8	315.6	349.4	383.7	418.0	452.7
32.5°	150.2	177.0	206.1	235.9	267.5	301.2	337.1	373.7	410.2	446.9	484.9
30°	158.1	186.5	216.9	248.3	282.9	319.6	358.2	397.0	435.6	476.0	516.5
27.5°	165.4	195.6	227.6	261.2	297.7	336.7	377.7	419.2	460.8	503.7	547.0
25°	172.2	204.2	237.5	273.6	312.2	353.1	395.8	439.1	484.8	530.7	575.8
22.5°	178.8	212.0	246.6	285.0	325.4	368.3	412.8	458.5	506.3	555.6	602.3
20°	185.2	219.5	255.5	295.3	337.2	382.0	428.3	476.1	526.3	576.9	627.1
17.5°	190.8	226.2	263.8	305.0	348.5	394.6	442.2	491.7	544.0	596.5	649.7
15°	195.7	232.0	271.0	313.4	358.5	406.0	455.1	506.0	559.7	614.3	669.6
12.5°	199.9	236.9	277.1	320.6	366.9	415.8	466.2	518.9	574.0	630.2	687.1
10°	203.3	240.9	282.0	326.4	373.8	423.9	475.4	529.5	586.3	643.7	701.9
7.5°	206.1	244.3	285.9	330.9	379.2	430.2	482.5	537.8	596.1	654.2	713.7
5°	208.2	247.0	289.4	334.7	383.8	435.1	487.9	543.7	603.2	661.7	722.3
2.5°	209.5	248.7	291.9	337.2	387.4	438.8	492.7	548.9	608.5	667.7	728.7
0°	209.9	249.5	293.1	338.2	389.4	440.6	495.4	551.7	611.0	671.4	732.7
-2.5°	209.5	248.7	291.9	337.2	387.4	438.8	492.7	548.9	608.5	667.7	728.7
-5°	208.2	247.0	289.4	334.7	383.8	435.1	487.9	543.7	603.2	661.7	722.3
-7.5°	206.1	244.3	285.9	330.9	379.2	430.2	482.5	537.8	596.1	654.2	713.7
-10°	203.3	240.9	282.0	326.4	373.8	423.9	475.4	529.5	586.3	643.7	701.9
-12.5°	199.9	236.9	277.1	320.6	366.9	415.8	466.2	518.9	574.0	630.2	687.1
-15°	195.7	232.0	271.0	313.4	358.5	406.0	455.1	506.0	559.7	614.3	669.6
-17.5°	190.8	226.2	263.8	305.0	348.5	394.6	442.2	491.7	544.0	596.5	649.7
-20°	185.2	219.5	255.5	295.3	337.2	382.0	428.3	476.1	526.3	576.9	627.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626541 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	178.8	212.0	246.6	285.0	325.4	368.3	412.8	458.5	506.3	555.6	602.3
-25°	172.2	204.2	237.5	273.6	312.2	353.1	395.8	439.1	484.8	530.7	575.8
-27.5°	165.4	195.6	227.6	261.2	297.7	336.7	377.7	419.2	460.8	503.7	547.0
-30°	158.1	186.5	216.9	248.3	282.9	319.6	358.2	397.0	435.6	476.0	516.5
-32.5°	150.2	177.0	206.1	235.9	267.5	301.2	337.1	373.7	410.2	446.9	484.9
-35°	142.5	167.9	194.9	222.7	251.4	282.8	315.6	349.4	383.7	418.0	452.7
-37.5°	134.9	158.2	183.1	209.4	236.4	264.0	293.4	325.0	356.6	388.4	420.7
-40°	126.8	148.0	171.7	196.1	220.2	245.3	272.4	300.2	329.4	358.9	388.2
-42.5°	118.4	138.6	160.1	182.2	204.4	227.1	250.8	276.5	302.3	329.1	356.1
-45°	110.9	128.7	148.2	168.7	188.7	209.0	230.5	252.5	276.1	299.4	323.9
-47.5°	102.9	118.7	136.8	155.0	173.4	191.7	210.2	230.1	250.2	271.4	291.8
-50°	95.0	109.5	124.8	141.7	158.6	175.1	191.6	208.1	225.8	244.1	262.5
-52.5°	88.2	99.9	113.9	128.4	144.0	159.4	173.8	188.1	202.9	217.8	234.1
-55°	81.2	91.7	102.8	115.8	129.3	143.6	156.7	169.3	181.5	194.7	207.2
-57.5°	74.8	83.5	92.9	103.5	115.5	127.5	139.7	151.0	162.1	172.9	183.3
-60°	68.8	75.7	83.5	92.4	101.8	112.6	123.0	133.4	143.2	152.1	161.3
-62.5°	62.6	68.3	74.5	81.7	89.8	97.9	107.0	116.2	125.2	133.0	140.3
-65°	55.9	60.6	65.7	71.5	77.9	84.7	91.9	99.2	107.2	113.8	119.9
-67.5°	48.9	52.9	57.0	61.2	66.4	71.8	77.2	83.3	89.5	95.1	100.0
-70°	40.8	45.0	48.4	51.8	55.2	59.3	63.8	68.3	72.8	77.8	82.6
-72.5°	32.5	36.3	39.6	42.4	45.0	47.6	50.7	54.0	58.1	62.6	66.7
-75°	24.8	27.8	30.7	33.3	35.1	36.5	37.7	39.7	43.6	48.1	52.1
-77.5°	17.4	20.2	22.5	24.5	25.6	26.6	27.4	28.0	30.9	34.8	38.7
-80°	11.0	12.6	14.8	16.7	17.5	17.9	18.1	18.1	20.4	23.5	26.7
-82.5°	6.2	7.4	8.7	9.8	10.1	10.1	10.0	10.0	11.9	14.0	16.1
-85°	2.0	2.2	3.1	4.0	4.4	4.7	4.8	4.7	5.5	6.4	7.4
-87.5°	1.0	1.1	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.6
-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: P626541 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-727-U-VWR-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°	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	1.8	1.7
85°	8.5	9.1	9.6	10.2	10.7	11.2	11.6	12.0	12.4	11.4	10.2
82.5°	18.3	19.8	21.2	22.6	23.9	24.3	24.4	24.4	24.2	22.3	20.2
80°	29.9	32.4	34.7	37.0	39.3	39.6	39.3	38.9	38.2	35.7	32.9
77.5°	42.5	45.6	48.3	50.8	53.1	53.6	53.5	53.4	53.2	50.7	47.6
75°	55.4	58.5	61.4	63.9	66.0	67.0	67.5	67.8	68.0	66.2	63.8
72.5°	70.5	73.6	76.2	78.6	80.7	82.2	83.3	84.1	84.6	84.1	83.1
70°	86.7	90.1	93.0	95.7	98.6	100.8	102.5	103.7	104.5	105.0	105.4
67.5°	105.0	109.6	113.6	117.0	120.4	123.6	126.2	128.3	130.0	131.4	132.5
65°	125.7	131.6	136.8	141.5	145.9	150.5	154.3	157.5	160.0	162.1	163.8
62.5°	147.4	154.6	161.3	167.8	174.1	180.4	185.2	189.5	193.4	196.7	199.4
60°	170.0	178.2	187.1	195.7	203.5	210.7	217.8	224.0	229.3	233.7	237.2
57.5°	194.3	204.9	215.3	225.9	236.0	245.3	254.1	261.9	268.4	273.8	278.3
55°	220.5	233.7	245.8	259.2	272.2	283.9	294.3	303.4	311.3	317.9	323.5
52.5°	249.3	265.3	281.1	296.3	311.0	324.7	337.1	347.7	357.2	365.3	371.7
50°	280.8	299.2	317.4	334.4	351.3	367.0	381.2	393.6	404.6	414.1	421.6
47.5°	313.8	334.7	355.1	374.5	393.2	410.7	426.1	440.1	453.8	465.0	473.8
45°	348.0	371.4	394.0	416.1	436.7	456.3	475.4	492.8	506.9	519.2	529.6
42.5°	382.6	408.8	434.0	458.2	480.9	503.6	525.0	544.1	560.1	574.1	585.9
40°	417.7	446.4	474.2	500.6	526.5	551.2	574.3	594.5	612.6	629.2	643.0
37.5°	452.6	484.2	515.0	544.6	573.0	599.8	624.8	647.6	668.0	686.9	702.3
35°	487.7	522.4	556.1	588.6	619.7	649.2	676.6	702.5	726.6	745.8	761.5
32.5°	522.7	559.9	596.6	632.4	666.4	698.3	728.0	756.6	781.3	802.4	820.5
30°	556.5	596.8	636.7	675.5	712.3	746.9	779.7	810.0	836.6	859.7	879.9
27.5°	589.7	633.0	675.8	717.3	757.1	794.6	830.4	863.2	892.3	917.4	938.8
25°	621.1	667.6	713.3	757.3	799.7	841.1	879.8	915.6	946.6	974.2	996.1
22.5°	651.0	700.6	748.6	794.9	840.3	884.9	927.3	964.7	997.6	1026.4	1050.7
20°	678.9	732.1	781.2	830.1	878.0	925.6	971.1	1010.6	1045.4	1076.0	1102.8
17.5°	705.0	759.6	811.3	863.3	913.8	963.8	1010.0	1052.3	1089.8	1122.3	1150.4
15°	727.1	782.2	838.6	894.2	947.5	998.1	1044.3	1088.4	1130.1	1165.3	1193.8
12.5°	745.0	802.3	861.2	920.2	976.5	1027.0	1075.4	1120.2	1163.9	1203.4	1229.6
10°	760.3	819.2	880.1	940.2	997.2	1050.7	1103.3	1150.7	1193.7	1229.0	1258.3
7.5°	773.4	834.2	896.0	956.2	1013.0	1068.3	1122.4	1172.8	1216.2	1249.5	1275.6
5°	783.1	845.4	908.3	969.1	1026.8	1082.2	1136.5	1186.3	1228.6	1262.5	1291.0
2.5°	790.1	852.9	916.3	977.2	1036.1	1091.8	1147.4	1197.6	1238.7	1269.7	1297.0
0°	794.6	857.4	921.3	983.7	1041.5	1095.3	1155.1	1202.3	1244.8	1275.8	1304.2
-2.5°	790.1	852.9	916.3	977.2	1036.1	1091.8	1147.4	1197.6	1238.7	1269.7	1297.0
-5°	783.1	845.4	908.3	969.1	1026.8	1082.2	1136.5	1186.3	1228.6	1262.5	1291.0
-7.5°	773.4	834.2	896.0	956.2	1013.0	1068.3	1122.4	1172.8	1216.2	1249.5	1275.6
-10°	760.3	819.2	880.1	940.2	997.2	1050.7	1103.3	1150.7	1193.7	1229.0	1258.3
-12.5°	745.0	802.3	861.2	920.2	976.5	1027.0	1075.4	1120.2	1163.9	1203.4	1229.6
-15°	727.1	782.2	838.6	894.2	947.5	998.1	1044.3	1088.4	1130.1	1165.3	1193.8
-17.5°	705.0	759.6	811.3	863.3	913.8	963.8	1010.0	1052.3	1089.8	1122.3	1150.4
-20°	678.9	732.1	781.2	830.1	878.0	925.6	971.1	1010.6	1045.4	1076.0	1102.8

Classified

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626541 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	651.0	700.6	748.6	794.9	840.3	884.9	927.3	964.7	997.6	1026.4	1050.7
-25°	621.1	667.6	713.3	757.3	799.7	841.1	879.8	915.6	946.6	974.2	996.1
-27.5°	589.7	633.0	675.8	717.3	757.1	794.6	830.4	863.2	892.3	917.4	938.8
-30°	556.5	596.8	636.7	675.5	712.3	746.9	779.7	810.0	836.6	859.7	879.9
-32.5°	522.7	559.9	596.6	632.4	666.4	698.3	728.0	756.6	781.3	802.4	820.5
-35°	487.7	522.4	556.1	588.6	619.7	649.2	676.6	702.5	726.6	745.8	761.5
-37.5°	452.6	484.2	515.0	544.6	573.0	599.8	624.8	647.6	668.0	686.9	702.3
-40°	417.7	446.4	474.2	500.6	526.5	551.2	574.3	594.5	612.6	629.2	643.0
-42.5°	382.6	408.8	434.0	458.2	480.9	503.6	525.0	544.1	560.1	574.1	585.9
-45°	348.0	371.4	394.0	416.1	436.7	456.3	475.4	492.8	506.9	519.2	529.6
-47.5°	313.8	334.7	355.1	374.5	393.2	410.7	426.1	440.1	453.8	465.0	473.8
-50°	280.8	299.2	317.4	334.4	351.3	367.0	381.2	393.6	404.6	414.1	421.6
-52.5°	249.3	265.3	281.1	296.3	311.0	324.7	337.1	347.7	357.2	365.3	371.7
-55°	220.5	233.7	245.8	259.2	272.2	283.9	294.3	303.4	311.3	317.9	323.5
-57.5°	194.3	204.9	215.3	225.9	236.0	245.3	254.1	261.9	268.4	273.8	278.3
-60°	170.0	178.2	187.1	195.7	203.5	210.7	217.8	224.0	229.3	233.7	237.2
-62.5°	147.4	154.6	161.3	167.8	174.1	180.4	185.2	189.5	193.4	196.7	199.4
-65°	125.7	131.6	136.8	141.5	145.9	150.5	154.3	157.5	160.0	162.1	163.8
-67.5°	105.0	109.6	113.6	117.0	120.4	123.6	126.2	128.3	130.0	131.4	132.5
-70°	86.7	90.1	93.0	95.7	98.6	100.8	102.5	103.7	104.5	105.0	105.4
-72.5°	70.5	73.6	76.2	78.6	80.7	82.2	83.3	84.1	84.6	84.1	83.1
-75°	55.4	58.5	61.4	63.9	66.0	67.0	67.5	67.8	68.0	66.2	63.8
-77.5°	42.5	45.6	48.3	50.8	53.1	53.6	53.5	53.4	53.2	50.7	47.6
-80°	29.9	32.4	34.7	37.0	39.3	39.6	39.3	38.9	38.2	35.7	32.9
-82.5°	18.3	19.8	21.2	22.6	23.9	24.3	24.4	24.4	24.2	22.3	20.2
-85°	8.5	9.1	9.6	10.2	10.7	11.2	11.6	12.0	12.4	11.4	10.2
-87.5°	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	1.8	1.7
-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: P626541 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-U-VWR-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°	1.6	1.5	1.5	1.5	1.5	1.5	1.6	1.7	1.8	1.9	1.9
85°	8.9	7.6	7.1	6.6	7.1	7.6	8.9	10.2	11.4	12.4	12.0
82.5°	18.0	15.6	14.9	14.2	14.9	15.6	18.0	20.2	22.3	24.2	24.4
80°	29.9	26.8	25.6	24.3	25.6	26.8	29.9	32.9	35.7	38.2	38.9
77.5°	44.4	41.0	39.5	38.0	39.5	41.0	44.4	47.6	50.7	53.2	53.4
75°	61.3	58.6	57.0	55.3	57.0	58.6	61.3	63.8	66.2	68.0	67.8
72.5°	82.0	80.7	79.5	78.1	79.5	80.7	82.0	83.1	84.1	84.6	84.1
70°	105.5	105.3	105.6	105.5	105.6	105.3	105.5	105.4	105.0	104.5	103.7
67.5°	133.0	133.1	133.6	133.9	133.6	133.1	133.0	132.5	131.4	130.0	128.3
65°	164.8	165.2	165.1	164.3	165.1	165.2	164.8	163.8	162.1	160.0	157.5
62.5°	201.3	202.3	202.9	202.8	202.9	202.3	201.3	199.4	196.7	193.4	189.5
60°	239.9	241.6	242.5	242.4	242.5	241.6	239.9	237.2	233.7	229.3	224.0
57.5°	281.7	283.9	284.4	283.4	284.4	283.9	281.7	278.3	273.8	268.4	261.9
55°	327.7	330.5	331.6	331.1	331.6	330.5	327.7	323.5	317.9	311.3	303.4
52.5°	376.4	379.5	380.6	379.8	380.6	379.5	376.4	371.7	365.3	357.2	347.7
50°	427.0	430.7	432.2	431.5	432.2	430.7	427.0	421.6	414.1	404.6	393.6
47.5°	480.7	485.6	487.6	486.3	487.6	485.6	480.7	473.8	465.0	453.8	440.1
45°	537.3	542.4	544.3	543.1	544.3	542.4	537.3	529.6	519.2	506.9	492.8
42.5°	594.8	601.5	604.2	601.9	604.2	601.5	594.8	585.9	574.1	560.1	544.1
40°	653.4	660.5	663.8	662.2	663.8	660.5	653.4	643.0	629.2	612.6	594.5
37.5°	713.4	720.5	724.0	724.1	724.0	720.5	713.4	702.3	686.9	668.0	647.6
35°	773.7	782.3	787.2	787.0	787.2	782.3	773.7	761.5	745.8	726.6	702.5
32.5°	834.8	844.2	849.2	849.8	849.2	844.2	834.8	820.5	802.4	781.3	756.6
30°	895.8	906.1	911.8	914.2	911.8	906.1	895.8	879.9	859.7	836.6	810.0
27.5°	955.0	967.6	976.3	977.1	976.3	967.6	955.0	938.8	917.4	892.3	863.2
25°	1012.2	1025.1	1034.1	1035.9	1034.1	1025.1	1012.2	996.1	974.2	946.6	915.6
22.5°	1068.7	1082.2	1090.5	1093.7	1090.5	1082.2	1068.7	1050.7	1026.4	997.6	964.7
20°	1122.6	1137.2	1146.0	1149.5	1146.0	1137.2	1122.6	1102.8	1076.0	1045.4	1010.6
17.5°	1171.4	1186.8	1197.6	1200.7	1197.6	1186.8	1171.4	1150.4	1122.3	1089.8	1052.3
15°	1214.3	1229.0	1239.2	1243.3	1239.2	1229.0	1214.3	1193.8	1165.3	1130.1	1088.4
12.5°	1249.3	1262.4	1270.4	1274.3	1270.4	1262.4	1249.3	1229.6	1203.4	1163.9	1120.2
10°	1276.6	1289.7	1297.4	1302.7	1297.4	1289.7	1276.6	1258.3	1229.0	1193.7	1150.7
7.5°	1300.3	1313.7	1323.1	1330.5	1323.1	1313.7	1300.3	1275.6	1249.5	1216.2	1172.8
5°	1313.4	1335.8	1339.2	1344.2	1339.2	1335.8	1313.4	1291.0	1262.5	1228.6	1186.3
2.5°	1323.3	1339.2	1348.8	1347.8	1348.8	1339.2	1323.3	1297.0	1269.7	1238.7	1197.6
0°	1330.5	1344.7	1348.3	1352.8	1348.3	1344.7	1330.5	1304.2	1275.8	1244.8	1202.3
-2.5°	1323.3	1339.2	1348.8	1347.8	1348.8	1339.2	1323.3	1297.0	1269.7	1238.7	1197.6
-5°	1313.4	1335.8	1339.2	1344.2	1339.2	1335.8	1313.4	1291.0	1262.5	1228.6	1186.3
-7.5°	1300.3	1313.7	1323.1	1330.5	1323.1	1313.7	1300.3	1275.6	1249.5	1216.2	1172.8
-10°	1276.6	1289.7	1297.4	1302.7	1297.4	1289.7	1276.6	1258.3	1229.0	1193.7	1150.7
-12.5°	1249.3	1262.4	1270.4	1274.3	1270.4	1262.4	1249.3	1229.6	1203.4	1163.9	1120.2
-15°	1214.3	1229.0	1239.2	1243.3	1239.2	1229.0	1214.3	1193.8	1165.3	1130.1	1088.4
-17.5°	1171.4	1186.8	1197.6	1200.7	1197.6	1186.8	1171.4	1150.4	1122.3	1089.8	1052.3
-20°	1122.6	1137.2	1146.0	1149.5	1146.0	1137.2	1122.6	1102.8	1076.0	1045.4	1010.6



REPORT NUMBER: P626541 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1068.7	1082.2	1090.5	1093.7	1090.5	1082.2	1068.7	1050.7	1026.4	997.6	964.7
-25°	1012.2	1025.1	1034.1	1035.9	1034.1	1025.1	1012.2	996.1	974.2	946.6	915.6
-27.5°	955.0	967.6	976.3	977.1	976.3	967.6	955.0	938.8	917.4	892.3	863.2
-30°	895.8	906.1	911.8	914.2	911.8	906.1	895.8	879.9	859.7	836.6	810.0
-32.5°	834.8	844.2	849.2	849.8	849.2	844.2	834.8	820.5	802.4	781.3	756.6
-35°	773.7	782.3	787.2	787.0	787.2	782.3	773.7	761.5	745.8	726.6	702.5
-37.5°	713.4	720.5	724.0	724.1	724.0	720.5	713.4	702.3	686.9	668.0	647.6
-40°	653.4	660.5	663.8	662.2	663.8	660.5	653.4	643.0	629.2	612.6	594.5
-42.5°	594.8	601.5	604.2	601.9	604.2	601.5	594.8	585.9	574.1	560.1	544.1
-45°	537.3	542.4	544.3	543.1	544.3	542.4	537.3	529.6	519.2	506.9	492.8
-47.5°	480.7	485.6	487.6	486.3	487.6	485.6	480.7	473.8	465.0	453.8	440.1
-50°	427.0	430.7	432.2	431.5	432.2	430.7	427.0	421.6	414.1	404.6	393.6
-52.5°	376.4	379.5	380.6	379.8	380.6	379.5	376.4	371.7	365.3	357.2	347.7
-55°	327.7	330.5	331.6	331.1	331.6	330.5	327.7	323.5	317.9	311.3	303.4
-57.5°	281.7	283.9	284.4	283.4	284.4	283.9	281.7	278.3	273.8	268.4	261.9
-60°	239.9	241.6	242.5	242.4	242.5	241.6	239.9	237.2	233.7	229.3	224.0
-62.5°	201.3	202.3	202.9	202.8	202.9	202.3	201.3	199.4	196.7	193.4	189.5
-65°	164.8	165.2	165.1	164.3	165.1	165.2	164.8	163.8	162.1	160.0	157.5
-67.5°	133.0	133.1	133.6	133.9	133.6	133.1	133.0	132.5	131.4	130.0	128.3
-70°	105.5	105.3	105.6	105.5	105.6	105.3	105.5	105.4	105.0	104.5	103.7
-72.5°	82.0	80.7	79.5	78.1	79.5	80.7	82.0	83.1	84.1	84.6	84.1
-75°	61.3	58.6	57.0	55.3	57.0	58.6	61.3	63.8	66.2	68.0	67.8
-77.5°	44.4	41.0	39.5	38.0	39.5	41.0	44.4	47.6	50.7	53.2	53.4
-80°	29.9	26.8	25.6	24.3	25.6	26.8	29.9	32.9	35.7	38.2	38.9
-82.5°	18.0	15.6	14.9	14.2	14.9	15.6	18.0	20.2	22.3	24.2	24.4
-85°	8.9	7.6	7.1	6.6	7.1	7.6	8.9	10.2	11.4	12.4	12.0
-87.5°	1.6	1.5	1.5	1.5	1.5	1.5	1.6	1.7	1.8	1.9	1.9
-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: P626541 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-727-U-VWR-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°	1.9	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4
85°	11.6	11.2	10.7	10.2	9.6	9.1	8.5	7.4	6.4	5.5	4.7
82.5°	24.4	24.3	23.9	22.6	21.2	19.8	18.3	16.1	14.0	11.9	10.0
80°	39.3	39.6	39.3	37.0	34.7	32.4	29.9	26.7	23.5	20.4	18.1
77.5°	53.5	53.6	53.1	50.8	48.3	45.6	42.5	38.7	34.8	30.9	28.0
75°	67.5	67.0	66.0	63.9	61.4	58.5	55.4	52.1	48.1	43.6	39.7
72.5°	83.3	82.2	80.7	78.6	76.2	73.6	70.5	66.7	62.6	58.1	54.0
70°	102.5	100.8	98.6	95.7	93.0	90.1	86.7	82.6	77.8	72.8	68.3
67.5°	126.2	123.6	120.4	117.0	113.6	109.6	105.0	100.0	95.1	89.5	83.3
65°	154.3	150.5	145.9	141.5	136.8	131.6	125.7	119.9	113.8	107.2	99.2
62.5°	185.2	180.4	174.1	167.8	161.3	154.6	147.4	140.3	133.0	125.2	116.2
60°	217.8	210.7	203.5	195.7	187.1	178.2	170.0	161.3	152.1	143.2	133.4
57.5°	254.1	245.3	236.0	225.9	215.3	204.9	194.3	183.3	172.9	162.1	151.0
55°	294.3	283.9	272.2	259.2	245.8	233.7	220.5	207.2	194.7	181.5	169.3
52.5°	337.1	324.7	311.0	296.3	281.1	265.3	249.3	234.1	217.8	202.9	188.1
50°	381.2	367.0	351.3	334.4	317.4	299.2	280.8	262.5	244.1	225.8	208.1
47.5°	426.1	410.7	393.2	374.5	355.1	334.7	313.8	291.8	271.4	250.2	230.1
45°	475.4	456.3	436.7	416.1	394.0	371.4	348.0	323.9	299.4	276.1	252.5
42.5°	525.0	503.6	480.9	458.2	434.0	408.8	382.6	356.1	329.1	302.3	276.5
40°	574.3	551.2	526.5	500.6	474.2	446.4	417.7	388.2	358.9	329.4	300.2
37.5°	624.8	599.8	573.0	544.6	515.0	484.2	452.6	420.7	388.4	356.6	325.0
35°	676.6	649.2	619.7	588.6	556.1	522.4	487.7	452.7	418.0	383.7	349.4
32.5°	728.0	698.3	666.4	632.4	596.6	559.9	522.7	484.9	446.9	410.2	373.7
30°	779.7	746.9	712.3	675.5	636.7	596.8	556.5	516.5	476.0	435.6	397.0
27.5°	830.4	794.6	757.1	717.3	675.8	633.0	589.7	547.0	503.7	460.8	419.2
25°	879.8	841.1	799.7	757.3	713.3	667.6	621.1	575.8	530.7	484.8	439.1
22.5°	927.3	884.9	840.3	794.9	748.6	700.6	651.0	602.3	555.6	506.3	458.5
20°	971.1	925.6	878.0	830.1	781.2	732.1	678.9	627.1	576.9	526.3	476.1
17.5°	1010.0	963.8	913.8	863.3	811.3	759.6	705.0	649.7	596.5	544.0	491.7
15°	1044.3	998.1	947.5	894.2	838.6	782.2	727.1	669.6	614.3	559.7	506.0
12.5°	1075.4	1027.0	976.5	920.2	861.2	802.3	745.0	687.1	630.2	574.0	518.9
10°	1103.3	1050.7	997.2	940.2	880.1	819.2	760.3	701.9	643.7	586.3	529.5
7.5°	1122.4	1068.3	1013.0	956.2	896.0	834.2	773.4	713.7	654.2	596.1	537.8
5°	1136.5	1082.2	1026.8	969.1	908.3	845.4	783.1	722.3	661.7	603.2	543.7
2.5°	1147.4	1091.8	1036.1	977.2	916.3	852.9	790.1	728.7	667.7	608.5	548.9
0°	1155.1	1095.3	1041.5	983.7	921.3	857.4	794.6	732.7	671.4	611.0	551.7
-2.5°	1147.4	1091.8	1036.1	977.2	916.3	852.9	790.1	728.7	667.7	608.5	548.9
-5°	1136.5	1082.2	1026.8	969.1	908.3	845.4	783.1	722.3	661.7	603.2	543.7
-7.5°	1122.4	1068.3	1013.0	956.2	896.0	834.2	773.4	713.7	654.2	596.1	537.8
-10°	1103.3	1050.7	997.2	940.2	880.1	819.2	760.3	701.9	643.7	586.3	529.5
-12.5°	1075.4	1027.0	976.5	920.2	861.2	802.3	745.0	687.1	630.2	574.0	518.9
-15°	1044.3	998.1	947.5	894.2	838.6	782.2	727.1	669.6	614.3	559.7	506.0
-17.5°	1010.0	963.8	913.8	863.3	811.3	759.6	705.0	649.7	596.5	544.0	491.7
-20°	971.1	925.6	878.0	830.1	781.2	732.1	678.9	627.1	576.9	526.3	476.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626541 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	927.3	884.9	840.3	794.9	748.6	700.6	651.0	602.3	555.6	506.3	458.5
-25°	879.8	841.1	799.7	757.3	713.3	667.6	621.1	575.8	530.7	484.8	439.1
-27.5°	830.4	794.6	757.1	717.3	675.8	633.0	589.7	547.0	503.7	460.8	419.2
-30°	779.7	746.9	712.3	675.5	636.7	596.8	556.5	516.5	476.0	435.6	397.0
-32.5°	728.0	698.3	666.4	632.4	596.6	559.9	522.7	484.9	446.9	410.2	373.7
-35°	676.6	649.2	619.7	588.6	556.1	522.4	487.7	452.7	418.0	383.7	349.4
-37.5°	624.8	599.8	573.0	544.6	515.0	484.2	452.6	420.7	388.4	356.6	325.0
-40°	574.3	551.2	526.5	500.6	474.2	446.4	417.7	388.2	358.9	329.4	300.2
-42.5°	525.0	503.6	480.9	458.2	434.0	408.8	382.6	356.1	329.1	302.3	276.5
-45°	475.4	456.3	436.7	416.1	394.0	371.4	348.0	323.9	299.4	276.1	252.5
-47.5°	426.1	410.7	393.2	374.5	355.1	334.7	313.8	291.8	271.4	250.2	230.1
-50°	381.2	367.0	351.3	334.4	317.4	299.2	280.8	262.5	244.1	225.8	208.1
-52.5°	337.1	324.7	311.0	296.3	281.1	265.3	249.3	234.1	217.8	202.9	188.1
-55°	294.3	283.9	272.2	259.2	245.8	233.7	220.5	207.2	194.7	181.5	169.3
-57.5°	254.1	245.3	236.0	225.9	215.3	204.9	194.3	183.3	172.9	162.1	151.0
-60°	217.8	210.7	203.5	195.7	187.1	178.2	170.0	161.3	152.1	143.2	133.4
-62.5°	185.2	180.4	174.1	167.8	161.3	154.6	147.4	140.3	133.0	125.2	116.2
-65°	154.3	150.5	145.9	141.5	136.8	131.6	125.7	119.9	113.8	107.2	99.2
-67.5°	126.2	123.6	120.4	117.0	113.6	109.6	105.0	100.0	95.1	89.5	83.3
-70°	102.5	100.8	98.6	95.7	93.0	90.1	86.7	82.6	77.8	72.8	68.3
-72.5°	83.3	82.2	80.7	78.6	76.2	73.6	70.5	66.7	62.6	58.1	54.0
-75°	67.5	67.0	66.0	63.9	61.4	58.5	55.4	52.1	48.1	43.6	39.7
-77.5°	53.5	53.6	53.1	50.8	48.3	45.6	42.5	38.7	34.8	30.9	28.0
-80°	39.3	39.6	39.3	37.0	34.7	32.4	29.9	26.7	23.5	20.4	18.1
-82.5°	24.4	24.3	23.9	22.6	21.2	19.8	18.3	16.1	14.0	11.9	10.0
-85°	11.6	11.2	10.7	10.2	9.6	9.1	8.5	7.4	6.4	5.5	4.7
-87.5°	1.9	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4
-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: P626541 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.4	1.4	1.4	1.4	1.3	1.1	1.0	0.8	0.8	0.7	0.6
85°	4.8	4.7	4.4	4.0	3.1	2.2	2.0	1.7	1.5	1.4	1.2
82.5°	10.0	10.1	10.1	9.8	8.7	7.4	6.2	4.8	3.6	2.3	1.8
80°	18.1	17.9	17.5	16.7	14.8	12.6	11.0	9.3	7.7	6.0	4.2
77.5°	27.4	26.6	25.6	24.5	22.5	20.2	17.4	14.4	11.8	9.7	7.5
75°	37.7	36.5	35.1	33.3	30.7	27.8	24.8	21.2	17.2	13.5	10.7
72.5°	50.7	47.6	45.0	42.4	39.6	36.3	32.5	27.9	23.1	18.5	14.2
70°	63.8	59.3	55.2	51.8	48.4	45.0	40.8	35.1	28.8	23.4	18.4
67.5°	77.2	71.8	66.4	61.2	57.0	52.9	48.9	42.3	35.1	28.3	22.5
65°	91.9	84.7	77.9	71.5	65.7	60.6	55.9	49.0	41.1	33.5	26.4
62.5°	107.0	97.9	89.8	81.7	74.5	68.3	62.6	55.0	46.9	38.5	30.6
60°	123.0	112.6	101.8	92.4	83.5	75.7	68.8	60.9	52.3	43.4	34.7
57.5°	139.7	127.5	115.5	103.5	92.9	83.5	74.8	66.5	57.6	48.1	38.5
55°	156.7	143.6	129.3	115.8	102.8	91.7	81.2	71.9	62.8	52.8	41.8
52.5°	173.8	159.4	144.0	128.4	113.9	99.9	88.2	77.1	67.5	57.4	45.3
50°	191.6	175.1	158.6	141.7	124.8	109.5	95.0	83.1	72.1	61.8	48.5
47.5°	210.2	191.7	173.4	155.0	136.8	118.7	102.9	89.0	76.6	65.7	51.6
45°	230.5	209.0	188.7	168.7	148.2	128.7	110.9	94.6	81.6	68.8	54.4
42.5°	250.8	227.1	204.4	182.2	160.1	138.6	118.4	101.3	86.4	71.8	57.0
40°	272.4	245.3	220.2	196.1	171.7	148.0	126.8	107.7	90.9	74.9	59.4
37.5°	293.4	264.0	236.4	209.4	183.1	158.2	134.9	113.8	95.2	78.3	61.8
35°	315.6	282.8	251.4	222.7	194.9	167.9	142.5	119.9	100.1	81.6	64.0
32.5°	337.1	301.2	267.5	235.9	206.1	177.0	150.2	126.4	104.8	84.9	66.0
30°	358.2	319.6	282.9	248.3	216.9	186.5	158.1	132.4	109.4	88.0	68.1
27.5°	377.7	336.7	297.7	261.2	227.6	195.6	165.4	138.0	113.7	91.2	70.4
25°	395.8	353.1	312.2	273.6	237.5	204.2	172.2	143.2	118.1	94.6	72.6
22.5°	412.8	368.3	325.4	285.0	246.6	212.0	178.8	148.8	122.2	97.7	74.6
20°	428.3	382.0	337.2	295.3	255.5	219.5	185.2	153.7	125.9	100.5	76.4
17.5°	442.2	394.6	348.5	305.0	263.8	226.2	190.8	158.1	129.2	103.0	78.0
15°	455.1	406.0	358.5	313.4	271.0	232.0	195.7	161.8	132.0	105.2	79.6
12.5°	466.2	415.8	366.9	320.6	277.1	236.9	199.9	165.0	134.3	107.2	81.0
10°	475.4	423.9	373.8	326.4	282.0	240.9	203.3	167.6	136.5	108.9	82.1
7.5°	482.5	430.2	379.2	330.9	285.9	244.3	206.1	169.9	138.2	110.2	82.9
5°	487.9	435.1	383.8	334.7	289.4	247.0	208.2	171.6	139.5	111.1	83.3
2.5°	492.7	438.8	387.4	337.2	291.9	248.7	209.5	172.6	140.2	111.6	83.4
0°	495.4	440.6	389.4	338.2	293.1	249.5	209.9	172.9	140.5	111.6	83.2
-2.5°	492.7	438.8	387.4	337.2	291.9	248.7	209.5	172.6	140.2	111.6	83.4
-5°	487.9	435.1	383.8	334.7	289.4	247.0	208.2	171.6	139.5	111.1	83.3
-7.5°	482.5	430.2	379.2	330.9	285.9	244.3	206.1	169.9	138.2	110.2	82.9
-10°	475.4	423.9	373.8	326.4	282.0	240.9	203.3	167.6	136.5	108.9	82.1
-12.5°	466.2	415.8	366.9	320.6	277.1	236.9	199.9	165.0	134.3	107.2	81.0
-15°	455.1	406.0	358.5	313.4	271.0	232.0	195.7	161.8	132.0	105.2	79.6
-17.5°	442.2	394.6	348.5	305.0	263.8	226.2	190.8	158.1	129.2	103.0	78.0
-20°	428.3	382.0	337.2	295.3	255.5	219.5	185.2	153.7	125.9	100.5	76.4

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Scaled Data Report



REPORT NUMBER: P626541 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	412.8	368.3	325.4	285.0	246.6	212.0	178.8	148.8	122.2	97.7	74.6
-25°	395.8	353.1	312.2	273.6	237.5	204.2	172.2	143.2	118.1	94.6	72.6
-27.5°	377.7	336.7	297.7	261.2	227.6	195.6	165.4	138.0	113.7	91.2	70.4
-30°	358.2	319.6	282.9	248.3	216.9	186.5	158.1	132.4	109.4	88.0	68.1
-32.5°	337.1	301.2	267.5	235.9	206.1	177.0	150.2	126.4	104.8	84.9	66.0
-35°	315.6	282.8	251.4	222.7	194.9	167.9	142.5	119.9	100.1	81.6	64.0
-37.5°	293.4	264.0	236.4	209.4	183.1	158.2	134.9	113.8	95.2	78.3	61.8
-40°	272.4	245.3	220.2	196.1	171.7	148.0	126.8	107.7	90.9	74.9	59.4
-42.5°	250.8	227.1	204.4	182.2	160.1	138.6	118.4	101.3	86.4	71.8	57.0
-45°	230.5	209.0	188.7	168.7	148.2	128.7	110.9	94.6	81.6	68.8	54.4
-47.5°	210.2	191.7	173.4	155.0	136.8	118.7	102.9	89.0	76.6	65.7	51.6
-50°	191.6	175.1	158.6	141.7	124.8	109.5	95.0	83.1	72.1	61.8	48.5
-52.5°	173.8	159.4	144.0	128.4	113.9	99.9	88.2	77.1	67.5	57.4	45.3
-55°	156.7	143.6	129.3	115.8	102.8	91.7	81.2	71.9	62.8	52.8	41.8
-57.5°	139.7	127.5	115.5	103.5	92.9	83.5	74.8	66.5	57.6	48.1	38.5
-60°	123.0	112.6	101.8	92.4	83.5	75.7	68.8	60.9	52.3	43.4	34.7
-62.5°	107.0	97.9	89.8	81.7	74.5	68.3	62.6	55.0	46.9	38.5	30.6
-65°	91.9	84.7	77.9	71.5	65.7	60.6	55.9	49.0	41.1	33.5	26.4
-67.5°	77.2	71.8	66.4	61.2	57.0	52.9	48.9	42.3	35.1	28.3	22.5
-70°	63.8	59.3	55.2	51.8	48.4	45.0	40.8	35.1	28.8	23.4	18.4
-72.5°	50.7	47.6	45.0	42.4	39.6	36.3	32.5	27.9	23.1	18.5	14.2
-75°	37.7	36.5	35.1	33.3	30.7	27.8	24.8	21.2	17.2	13.5	10.7
-77.5°	27.4	26.6	25.6	24.5	22.5	20.2	17.4	14.4	11.8	9.7	7.5
-80°	18.1	17.9	17.5	16.7	14.8	12.6	11.0	9.3	7.7	6.0	4.2
-82.5°	10.0	10.1	10.1	9.8	8.7	7.4	6.2	4.8	3.6	2.3	1.8
-85°	4.8	4.7	4.4	4.0	3.1	2.2	2.0	1.7	1.5	1.4	1.2
-87.5°	1.4	1.4	1.4	1.4	1.3	1.1	1.0	0.8	0.8	0.7	0.6
-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: P626541 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-U-VWR-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°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
85°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
82.5°	1.5	1.3	1.0	0.8	0.5	0.2	0.0
80°	2.3	1.7	1.4	1.0	0.7	0.3	0.0
77.5°	5.1	2.7	1.7	1.3	0.9	0.4	0.0
75°	7.9	4.7	2.2	1.5	1.0	0.5	0.0
72.5°	10.5	6.7	3.6	1.8	1.2	0.5	0.0
70°	13.1	8.6	4.9	2.2	1.3	0.6	0.0
67.5°	16.3	10.4	6.2	3.0	1.5	0.7	0.0
65°	19.3	12.4	7.4	3.8	1.6	0.7	0.0
62.5°	22.2	14.6	8.5	4.5	1.8	0.8	0.0
60°	24.9	16.7	9.6	5.2	1.9	0.9	0.0
57.5°	27.7	18.6	11.0	5.9	2.3	0.9	0.0
55°	30.4	20.4	12.4	6.5	2.7	1.0	0.0
52.5°	32.9	22.1	13.6	7.1	3.1	1.0	0.0
50°	35.2	24.0	14.8	7.6	3.4	1.1	0.0
47.5°	37.4	25.7	15.9	8.1	3.8	1.1	0.0
45°	39.7	27.2	16.8	8.8	4.1	1.2	0.0
42.5°	41.9	28.5	17.7	9.5	4.4	1.2	0.0
40°	43.9	29.7	18.5	10.1	4.7	1.3	0.0
37.5°	45.7	30.7	19.3	10.7	5.0	1.3	0.0
35°	47.2	31.9	20.1	11.3	5.2	1.3	0.0
32.5°	48.7	33.0	20.7	11.9	5.5	1.4	0.0
30°	50.2	34.0	21.2	12.4	5.7	1.4	0.0
27.5°	51.6	34.8	21.9	12.9	5.9	1.4	0.0
25°	52.8	35.5	22.6	13.3	6.0	1.5	0.0
22.5°	53.8	36.1	23.2	13.6	6.2	1.5	0.0
20°	54.6	37.0	23.7	14.0	6.3	1.5	0.0
17.5°	55.7	37.8	24.1	14.2	6.4	1.5	0.0
15°	56.8	38.3	24.5	14.4	6.5	1.5	0.0
12.5°	57.7	38.7	24.7	14.6	6.6	1.5	0.0
10°	58.3	39.0	24.9	14.7	6.6	1.5	0.0
7.5°	58.8	39.1	25.0	14.8	6.6	1.5	0.0
5°	59.0	39.0	25.0	14.8	6.6	1.5	0.0
2.5°	59.0	38.8	24.9	14.8	6.6	1.5	0.0
0°	58.8	38.5	24.8	14.7	6.6	1.5	0.0
-2.5°	59.0	38.8	24.9	14.8	6.6	1.5	0.0
-5°	59.0	39.0	25.0	14.8	6.6	1.5	0.0
-7.5°	58.8	39.1	25.0	14.8	6.6	1.5	0.0
-10°	58.3	39.0	24.9	14.7	6.6	1.5	0.0
-12.5°	57.7	38.7	24.7	14.6	6.6	1.5	0.0
-15°	56.8	38.3	24.5	14.4	6.5	1.5	0.0
-17.5°	55.7	37.8	24.1	14.2	6.4	1.5	0.0
-20°	54.6	37.0	23.7	14.0	6.3	1.5	0.0

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CATALOG NUMBER: GFLD-SA1A-727-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	53.8	36.1	23.2	13.6	6.2	1.5	0.0
-25°	52.8	35.5	22.6	13.3	6.0	1.5	0.0
-27.5°	51.6	34.8	21.9	12.9	5.9	1.4	0.0
-30°	50.2	34.0	21.2	12.4	5.7	1.4	0.0
-32.5°	48.7	33.0	20.7	11.9	5.5	1.4	0.0
-35°	47.2	31.9	20.1	11.3	5.2	1.3	0.0
-37.5°	45.7	30.7	19.3	10.7	5.0	1.3	0.0
-40°	43.9	29.7	18.5	10.1	4.7	1.3	0.0
-42.5°	41.9	28.5	17.7	9.5	4.4	1.2	0.0
-45°	39.7	27.2	16.8	8.8	4.1	1.2	0.0
-47.5°	37.4	25.7	15.9	8.1	3.8	1.1	0.0
-50°	35.2	24.0	14.8	7.6	3.4	1.1	0.0
-52.5°	32.9	22.1	13.6	7.1	3.1	1.0	0.0
-55°	30.4	20.4	12.4	6.5	2.7	1.0	0.0
-57.5°	27.7	18.6	11.0	5.9	2.3	0.9	0.0
-60°	24.9	16.7	9.6	5.2	1.9	0.9	0.0
-62.5°	22.2	14.6	8.5	4.5	1.8	0.8	0.0
-65°	19.3	12.4	7.4	3.8	1.6	0.7	0.0
-67.5°	16.3	10.4	6.2	3.0	1.5	0.7	0.0
-70°	13.1	8.6	4.9	2.2	1.3	0.6	0.0
-72.5°	10.5	6.7	3.6	1.8	1.2	0.5	0.0
-75°	7.9	4.7	2.2	1.5	1.0	0.5	0.0
-77.5°	5.1	2.7	1.7	1.3	0.9	0.4	0.0
-80°	2.3	1.7	1.4	1.0	0.7	0.3	0.0
-82.5°	1.5	1.3	1.0	0.8	0.5	0.2	0.0
-85°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
-87.5°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)